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

Woodlands Farm
Wrotham Road
Meopham
Kent
DA13 0RQ

Luke Shaw AMIHE
August 2026
Revision [A]
Job No: 6348

RSPD

Flood Risk Assessment, Drainage & SUDS Strategy At Woodlands Farm

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Amendments

Revision	Date	Description
0	17th July 2026	Planning Issue
A	7th August 2026	Appendices Updated

References

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

Introduction

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

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

Development Description and Location

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

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

Development Classification

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

Sequential Test

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

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

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

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

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

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

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

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

Definition of the Flood Hazard

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

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

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

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

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

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

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

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

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

Probability

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

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

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

Zone 1 - Land having a less than 1 in 1,000 annual probability of river or sea flooding. (Shown as 'clear' on the Flood Map – all land outside Zones 2 and 3)

Climate Change

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

Flood Risk Management Measures

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

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

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

Off Site Impacts

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

Residual Risks

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

Drainage Strategy

Existing Drainage

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

Site Geology

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

Lewes Nodular Chalk Formation

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

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

Topography

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

Design Objective

The objective of the design will be to;

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

Surface Water Drainage Considerations

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

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

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

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

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

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

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

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

Priority Selection

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

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

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

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

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

Development Drainage Proposals

Surface Water Drainage

The proposed surface water drainage strategy for the Woodlands Farm development has been developed in accordance with the drainage hierarchy, with infiltration identified as the preferred method of disposal. Surface water runoff from the development will be conveyed via a network of swales and attenuation basins before discharging into a series of deep bore soakaways. Ground investigation and infiltration testing have not been undertaken at the site at this early stage, and as such, infiltration rates have been assumed for the purposes of the drainage strategy. Prior to any detailed design being undertaken, borehole testing should be undertaken and infiltration testing to BRE365 should be undertaken to obtain design soakage rates. The strategy has therefore been designed to discharge directly into the Chalk formation, providing a sustainable means of surface water disposal whilst ensuring the development does not increase flood risk either on-site or elsewhere.

Water Quality

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

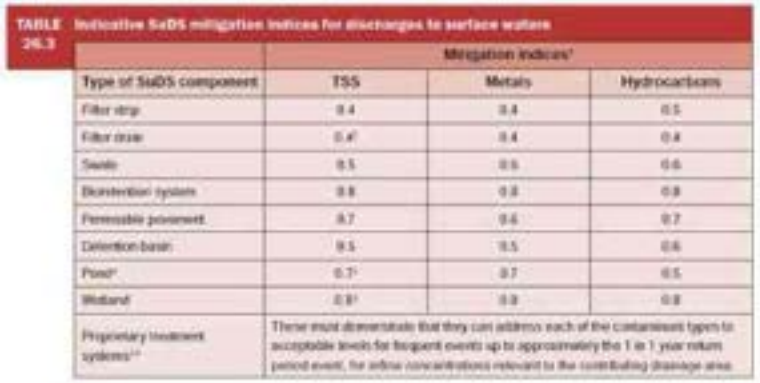
When considering potential sources of pollution and their respective methods of treatment and mitigation, the CIRIA SuDS Manual 2015 (C753) provides guidance on how this can be assessed and mitigated appropriately.

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

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



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



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

Foul Water Drainage

An existing public foul sewer is located on the opposite side of Wrotham Road and will serve as the proposed point of connection for the development's foul drainage. A foul pumping station will be installed to convey foul flows from the site to the public sewer, which is likely to be via a S98

agreement under the Water Industry Act to enable the connection to the off-site foul sewer. The proposed arrangement is shown on Drawing RSPD 6348-01 Drainage Strategy.

Residual Flood Risk

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

Future Maintenance

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

Maintenance Catch pits and Flow Control Chambers

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

The ongoing maintenance activities for this system are tabulated below in Table 1.

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

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

	built up within the pipe network, this should be cleared with rodding equipment or professional jetting techniques.	Post completion – up to 1 year	Quarterly
		On-going	Annually

Foul Water Pumping Station

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

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

Maintenance of Swales and Basins

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

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

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

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

Conclusion

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

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

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

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

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

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

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

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

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

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

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

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

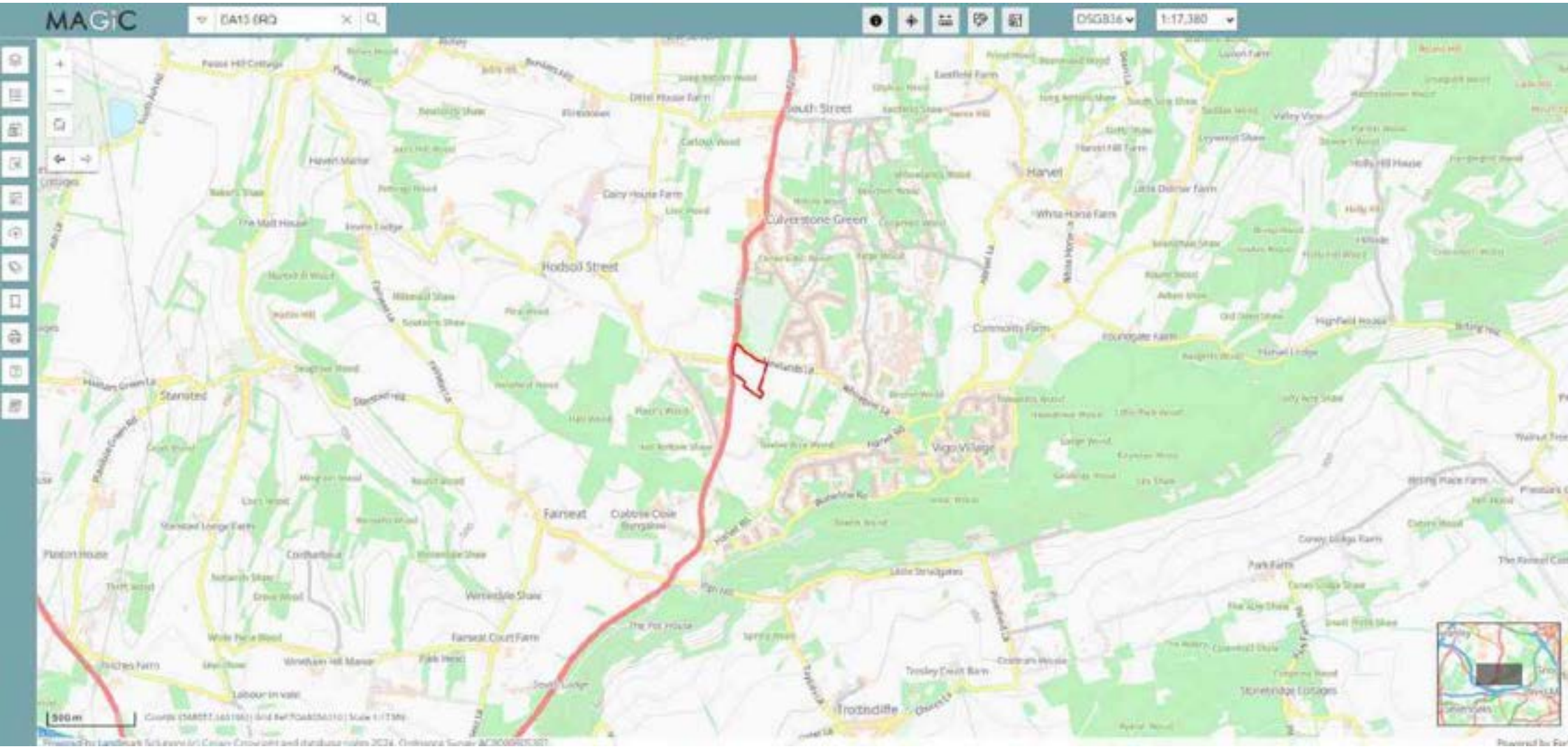
On the basis of the findings of this report, it is recommended that no objections should be raised to the development proposals on the grounds of flood risk.

Appendices

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

APPENDIX A

Site Location Plan


MAGiC
CA15 6RQ
OSGB36
1:17,380
Hodsoll Street
Culverstone Green
Harvel
Fairseat
Vigo Village
Trottiscliffe
Stansted
500m

APPENDIX B

Flood Maps for Planning

Flood map for planning

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

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

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

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

Notes

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

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

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

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



Environment Agency

Flood map for planning

Your reference
Unspecified

Location (easting/northing)
563478/162205

Scale
1:2,500

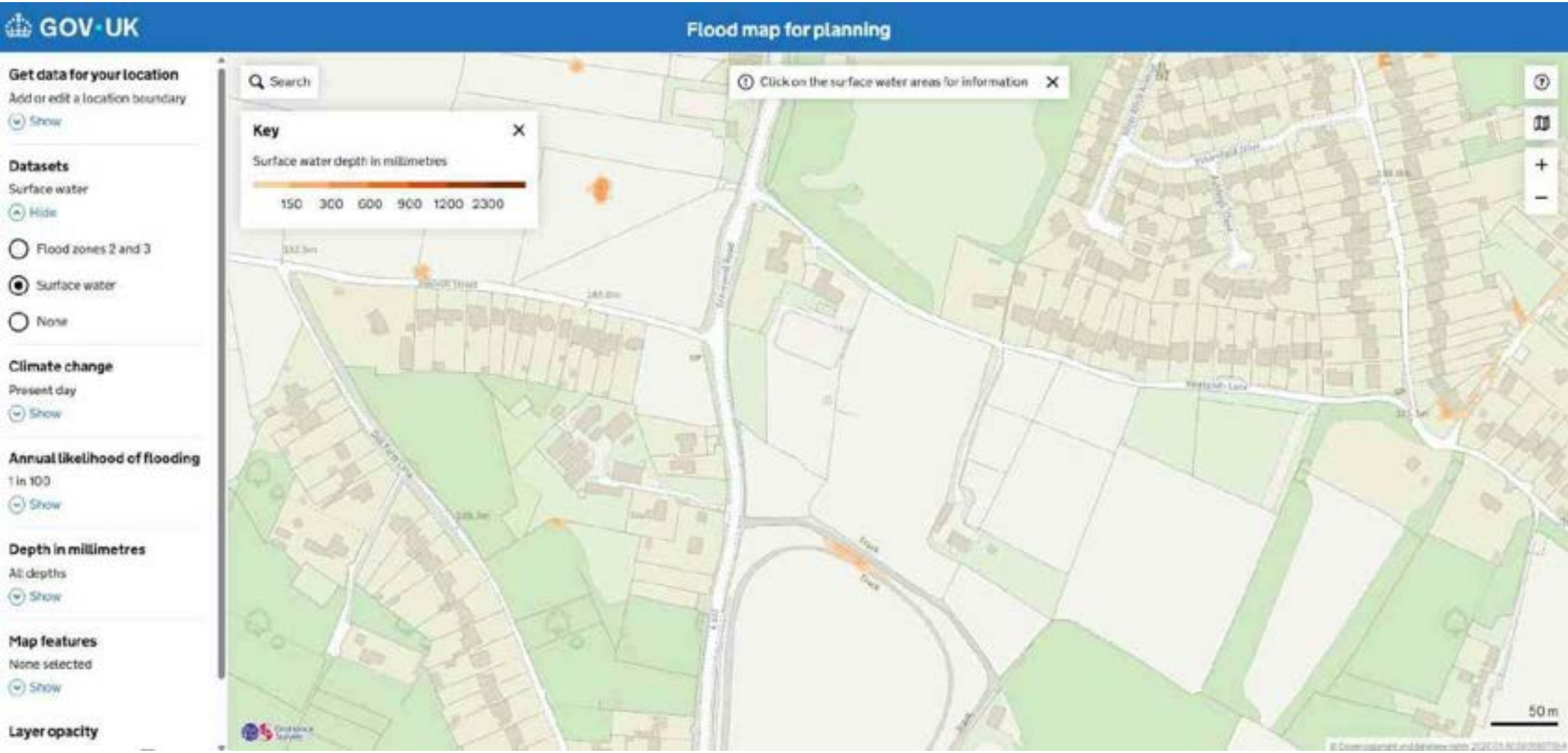
Created
3 Jul 2026 10:00

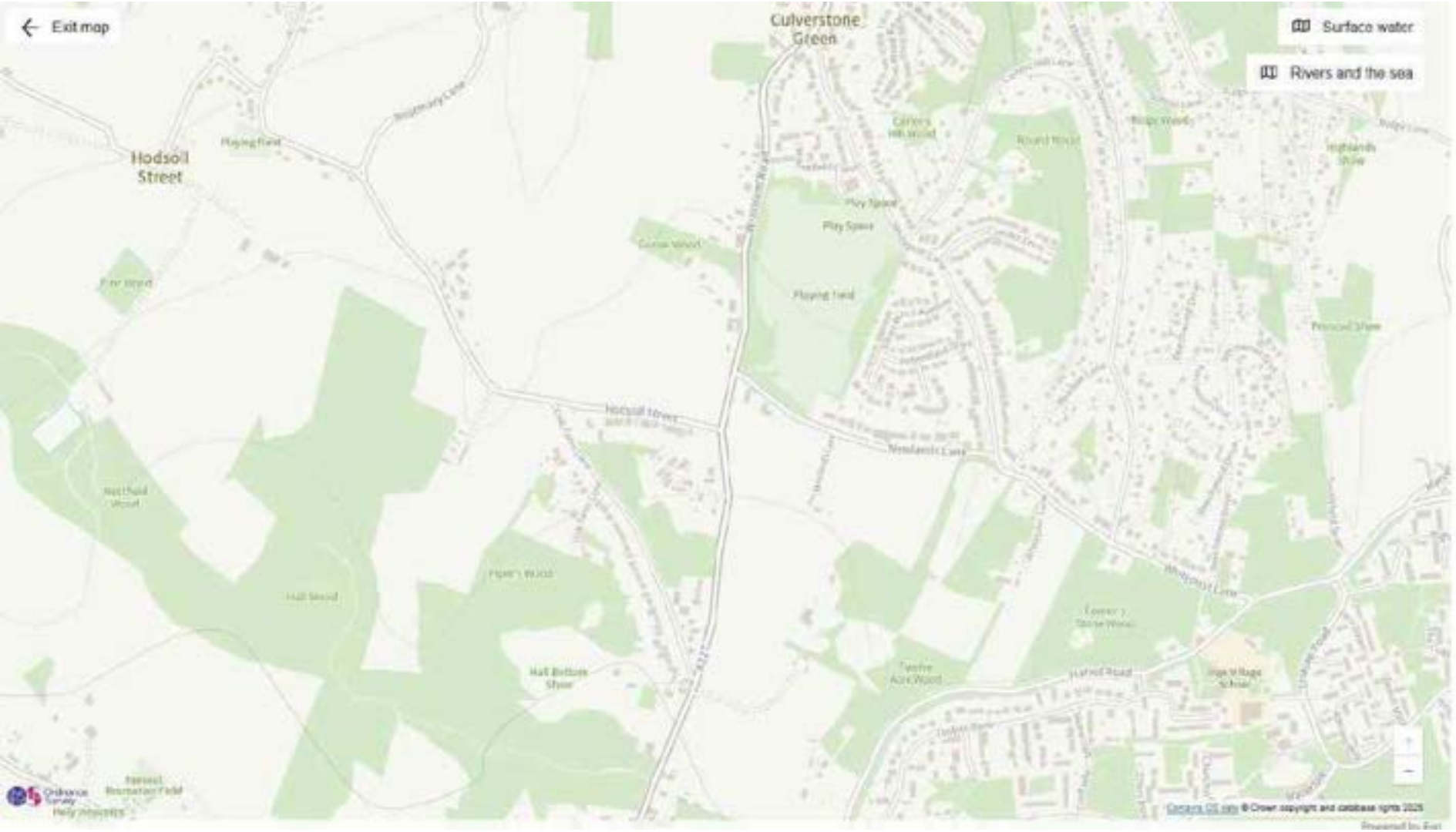
- Selected area
- Flood zone 3
- Flood zone 2
- Flood zone 1
- Flood defence
- Main river
- Water storage area

0 20 40 60 m

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Exit map
Surface water
Reservoirs
Culverstone Green
Hodsoll Street
Play Space
Play Space
Playing Field
Rivers and sea map
Yearly chance of flooding
Extent
High chance
More than 3.3% chance each year
Medium chance
Between 1% and 3.3% chance each year
Low chance
Between 0.1% and 1% chance each year
Very low chance
Less than 0.1% chance each year
Depth
Yearly chance of flooding between 2036 and 2069
Extent
Depth
Map details
Show flooding


GOV·UK
Flood map for planning
Get data for your location
Add or edit a location boundary
Show
Datasets
Surface water
Hide
Flood zones 2 and 3
Surface water
None
Climate change
Present day
Show
Annual likelihood of flooding
1 in 100
Show
Depth in millimetres
All depths
Show
Map features
None selected
Show
Layer opacity
Search
Click on the surface water areas for information
Key
Surface water depth in millimetres
150 300 600 900 1200 2300
50 m


Exit map
Surface water
Rivers and the sea
Culverstone Green
Hodsoll Street
Play Space
Playing Field
Horsell Street
Hall Bottom Shaw
Reservoirs map
Extent
When river levels are normal
When there is also flooding from rivers
Map details
Show flooding

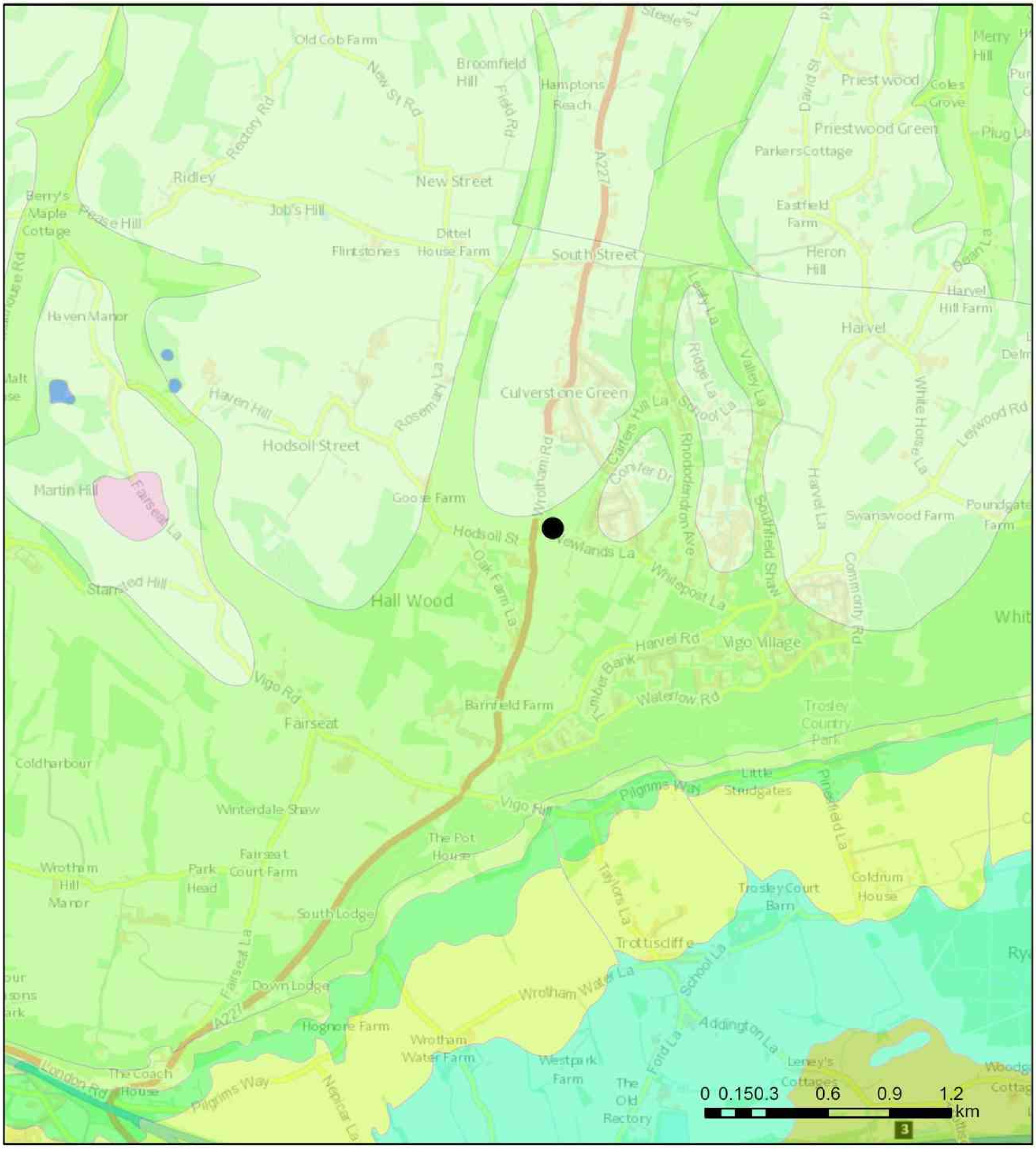


APPENDIX C

Geoindex Report

GeoIndex Report

British Geological Survey



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

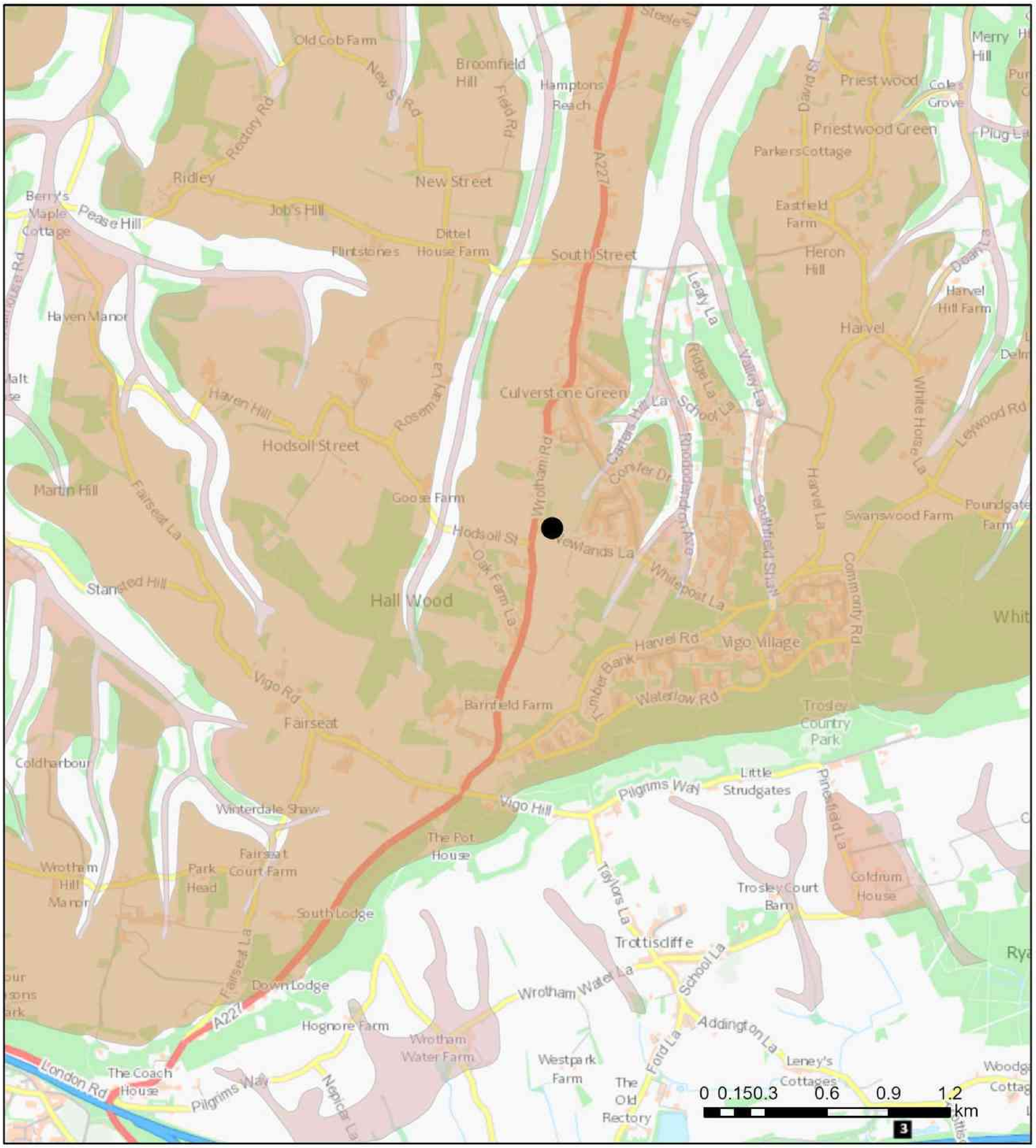
Map Key

Bedrock geology 1:50,000 scale

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

GeoIndex Report

British Geological Survey



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

Map Key

Superficial deposits 1:50,000 scale

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

APPENDIX D

Sewer Asset Plans

0m 25m 50m 75m

(c) Crown copyright and database rights 2026 Ordnance Survey AC0000808122	Scale: 1:1250	Date: 24/06/26	Wastewater Plan A4
Data updated: 19/06/26	Map Centre: 563394,162250	Our Ref: 2155254 - 1	Powered by digdat



luke.shaw@roadsandsewers.co.uk

6348

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

WARNING: BAC pipes are constructed of Bonded Asbestos Cement.

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

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

APPENDIX E

RSPD 6348-01 Drainage Strategy

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

GRAVESEND ROAD

Avoca

Triple Oak

Thorpewood

Cader Idris

Shrublands Lodge

Newlands Farm

PLAY AREA

SUDs

Track

GP

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

General Notes

KEY:

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

FOR PLANNING

No.	Revision/Issue	Date
Rev A	Foul pumping station relocated to avoid the removal of T49	07/08/26

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

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

Description
DRAINAGE STRATEGY

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

APPENDIX G

RSPD FLOW Calculations
Woodlands Farm



KEY:

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

1:1250

0 10 50 100

Proposed Site Plan
1:1250

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

Site: Woodlands Farm, Wrotham Road, Meopham, Culverstone, Gravesend, Kent DA13 0RQ

Title: Proposed Site Plan

Scale at A3: 1:1250

Date: 27/06/2026

Drawing no.: 002

Revision: A

APPENDIX G

FLOW Calculations

Design Settings

Rainfall Methodology	FEH-22	Maximum Time of Concentration (mins)	30.00	Preferred Cover Depth (m)	0.900
Return Period (years)	2	Maximum Rainfall (mm/hr)	50.0	Include Intermediate Ground	✓
Additional Flow (%)	0	Minimum Velocity (m/s)	0.75	Enforce best practice design rules	x
CV	0.750	Connection Type	Level Soffits		
Time of Entry (mins)	5.00	Minimum Backdrop Height (m)	0.200		

Adoptable Manhole Type

Max Width (mm)	Diameter (mm)	Max Width (mm)	Diameter (mm)	Max Width (mm)	Diameter (mm)	Max Width (mm)	Diameter (mm)
374	1200	499	1350	749	1500	900	1800

>900 Link+900 mm

Max Depth (m)	Diameter (mm)	Max Depth (m)	Diameter (mm)
1.500	1050	99.999	1200

Circular Link Type

Shape	Circular	Barrels	1	Auto Increment (mm)	75	Follow Ground	x

Available Diameters (mm)

100 | 150

Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
S1	0.011	5.00	189.370	1200	563493.340	162076.770	1.000
S2	0.021	5.00	188.275	1200	563516.320	162116.620	1.236
S3	0.013	5.00	187.750	1200	563514.580	162138.700	1.538
S4	0.006	5.00	187.500	1200	563509.750	162148.600	2.122
S5			187.000	1200	563517.900	162163.970	2.020
S6			186.850	1200	563473.650	162199.780	2.006
S7			186.300	1200	563477.070	162227.040	1.521

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Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
S8			185.630	1200	563472.380	162268.580	1.240
S9			185.400	1200	563468.030	162279.780	1.200
S10	0.024	5.00	185.400	1200	563461.800	162277.360	1.216
S11	0.025	5.00	187.400	1200	563414.850	162179.540	1.000
S12			187.440	1200	563429.630	162189.840	1.264
S13	0.017	5.00	187.200	1200	563453.230	162198.390	1.166
S14	0.023	5.00	186.300	1200	563467.280	162215.430	1.050
S15	0.015	5.00	186.000	1200	563472.480	162238.350	1.133
S16	0.008	5.00	185.760	1200	563471.420	162252.830	1.203
S17			187.000	1200	563470.600	162190.920	1.000
S18	0.021	5.00	187.150	1200	563492.180	162170.020	1.489
S19	0.021	5.00	187.250	1200	563504.170	162158.420	1.759
S20	0.005	5.00	185.780	1200	563480.920	162236.440	1.138
S21	0.004	5.00	185.940	1200	563496.130	162225.020	1.481
S22	0.008	5.00	186.050	1200	563507.470	162211.220	1.764
S23	0.005	5.00	186.100	1200	563514.960	162205.730	1.942
S24	0.032	5.00	185.970	1200	563544.260	162195.470	1.993
S25			185.330	1200	563551.200	162215.550	1.404
S26	0.004	5.00	186.420	1200	563537.740	162176.540	1.043
FC1	0.010	5.00	189.250	1200	563493.090	162085.810	1.000
FC2	0.010	5.00	189.150	1200	563495.800	162090.060	1.000
FC3	0.016	5.00	189.200	1200	563508.330	162084.020	1.000
FC4	0.008	5.00	189.200	1200	563507.540	162086.720	1.000
FC5	0.010	5.00	189.000	1200	563499.390	162095.500	1.000
FC6	0.008	5.00	188.850	1200	563512.130	162094.710	1.000
FC7	0.008	5.00	188.750	1200	563513.420	162097.030	1.000
FC8	0.010	5.00	188.750	1200	563503.740	162103.120	1.000
FC9	0.008	5.00	188.470	1200	563517.810	162104.770	1.000
FC10	0.014	5.00	188.470	1200	563506.660	162112.250	1.000
FC11	0.009	5.00	188.320	1200	563520.090	162107.680	1.000
FC12	0.009	5.00	188.230	1200	563522.310	162113.220	1.000
FC13	0.010	5.00	188.000	1200	563523.050	162118.150	1.000

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Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
FC14	0.010	5.00	187.900	1200	563523.260	162124.650	1.000
FC15	0.008	5.00	188.200	1200	563510.950	162125.590	1.000
FC16	0.008	5.00	187.900	1200	563523.000	162128.460	1.000
FC17	0.008	5.00	188.000	1200	563510.250	162132.590	1.000
FC18	0.008	5.00	187.550	1200	563521.740	162136.870	1.000
FC19	0.010	5.00	187.400	1200	563520.950	162140.460	1.000
FC20	0.010	5.00	187.950	1200	563508.340	162141.630	1.000
FC21	0.010	5.00	187.300	1200	563518.760	162147.550	1.000
FC22	0.008	5.00	187.450	1200	563466.150	162189.200	1.000
FC23	0.008	5.00	187.300	1200	563472.210	162183.010	1.000
FC24	0.010	5.00	187.300	1200	563474.880	162180.340	1.000
FC25	0.010	5.00	187.550	1200	563480.580	162174.700	1.000
FC26	0.008	5.00	187.450	1200	563483.240	162172.290	1.000
FC27	0.008	5.00	187.500	1200	563490.030	162165.890	1.000
FC28	0.010	5.00	187.500	1200	563494.570	162161.690	1.000
FC29	0.011	5.00	187.500	1200	563497.890	162157.970	1.000
FC30	0.010	5.00	187.750	1200	563504.520	162148.950	1.000
FC31	0.008	5.00	187.450	1200	563415.750	162185.310	1.000
FC32	0.008	5.00	187.450	1200	563423.060	162190.300	1.000
FC33	0.010	5.00	187.450	1200	563427.200	162193.180	1.000
FC34	0.010	5.00	187.450	1200	563432.320	162195.860	1.000
FC35	0.010	5.00	187.450	1200	563436.880	162197.890	1.000
FC36	0.011	5.00	187.450	1200	563446.080	162201.100	1.000
FC37	0.013	5.00	186.800	1200	563456.130	162212.210	1.000
FC38	0.008	5.00	186.450	1200	563463.760	162221.090	1.000
FC39	0.008	5.00	186.450	1200	563466.020	162229.830	1.000
FC40	0.010	5.00	186.500	1200	563466.920	162236.670	1.000
FC41	0.010	5.00	185.850	1200	563466.840	162246.800	1.000
FC42	0.010	5.00	185.600	1200	563466.190	162252.720	1.000
FC43	0.010	5.00	185.600	1200	563462.800	162263.020	1.000
FC44	0.008	5.00	185.600	1200	563461.410	162266.390	1.000
FC45		5.00	185.600	1200	563457.660	162275.330	1.000

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Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
FC46	0.014	5.00	185.700	1200	563482.260	162242.290	1.000
FC47		5.00	185.750	1200	563487.380	162238.170	1.000
FC48	0.010	5.00	185.800	1200	563492.170	162234.210	1.000
FC49	0.010	5.00	185.800	1200	563498.840	162228.440	1.000
FC50	0.010	5.00	185.800	1200	563502.650	162224.420	1.000
FC51	0.010	5.00	185.850	1200	563509.100	162217.150	1.000
FC52	0.012	5.00	186.250	1200	563516.160	162211.050	1.000
FC53	0.010	5.00	186.250	1200	563525.050	162206.690	1.000
FC54	0.008	5.00	186.250	1200	563529.750	162204.740	1.000
FC55	0.008	5.00	186.250	1200	563535.470	162202.920	1.000
FC56	0.010	5.00	186.350	1200	563495.000	162216.060	1.000
FC57	0.010	5.00	186.350	1200	563500.650	162209.340	1.000
FC58	0.008	5.00	186.350	1200	563505.370	162205.090	1.000
FC59	0.008	5.00	186.350	1200	563508.650	162202.440	1.000
FC60	0.010	5.00	186.350	1200	563513.370	162199.310	1.000
FC61	0.010	5.00	186.300	1200	563520.140	162196.100	1.000
FC62	0.015	5.00	186.250	1200	563526.410	162191.780	1.000
FC63	0.008	5.00	186.400	1200	563539.260	162174.680	1.000
FC64	0.010	5.00	186.000	1200	563542.370	162183.430	1.000
FC65	0.010	5.00	186.150	1200	563543.560	162186.870	1.000
FC66	0.010	5.00	186.000	1200	563546.240	162194.700	1.000
FC67	0.008	5.00	185.800	1200	563547.410	162198.340	1.000
FC68	0.008	5.00	185.550	1200	563550.550	162206.870	1.000
J1	0.011	5.00	189.200	1200	563497.440	162083.880	1.000
J2			189.150	1200	563499.950	162088.230	1.044
J3			189.150	1200	563500.470	162089.130	1.104
J4			189.100	1200	563501.440	162090.820	1.065
J5			189.000	1200	563503.210	162093.880	1.090
J6			188.700	1200	563506.040	162098.800	1.050
J7			188.650	1200	563507.030	162100.500	1.050
J8			188.650	1200	563507.590	162101.480	1.057
J9			188.400	1200	563511.820	162108.810	1.125

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Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
J10			188.400	1200	563512.420	162109.850	1.130
J11			188.350	1200	563513.640	162111.970	1.229
J12			188.250	1200	563516.210	162118.110	1.441
J13			188.000	1200	563515.700	162124.560	1.298
J14			188.000	1200	563515.550	162126.450	1.305
J15			188.000	1200	563515.400	162128.360	1.312
J16			187.850	1200	563514.990	162133.470	1.180
J17			187.750	1200	563514.730	162136.820	1.392
J18			187.650	1200	563512.330	162143.310	1.456
J19			187.650	1200	563511.680	162144.650	1.623
J20			187.250	1200	563475.740	162185.940	1.319
J21			187.230	1200	563478.450	162183.310	1.335
J22			187.230	1200	563484.210	162177.740	1.412
J23			187.230	1200	563486.790	162175.240	1.447
J24			187.100	1200	563493.500	162168.750	1.450
J25			187.200	1200	563497.940	162164.450	1.585
J26			187.200	1200	563501.510	162161.000	1.613
J27			187.500	1200	563508.570	162150.680	2.039
J28			187.450	1200	563418.570	162182.130	1.094
J29			187.440	1200	563425.810	162187.180	1.169
J30			187.400	1200	563434.410	162191.570	1.253
J31			187.300	1200	563439.090	162193.260	1.181
J32			187.250	1200	563448.250	162196.580	1.186
J33			186.660	1200	563461.500	162208.430	1.050
J34			186.250	1200	563468.440	162220.540	1.125
J35			186.200	1200	563470.430	162229.340	1.125
J36			186.000	1200	563471.950	162236.040	1.125
J37			185.700	1200	563471.800	162247.660	1.125
J38			185.500	1200	563470.580	162254.980	1.125
J39			185.630	1200	563466.630	162265.050	1.292
J40			185.550	1200	563465.290	162268.450	1.225
J41			185.600	1200	563484.620	162233.660	1.003

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Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
J42			185.650	1200	563489.590	162229.930	1.113
J43			185.900	1200	563499.370	162221.080	1.540
J44			185.925	1200	563500.390	162219.840	1.575
J45			186.000	1200	563505.960	162213.060	1.700
J46			186.050	1200	563509.430	162209.780	1.778
J47			186.100	1200	563512.830	162207.290	1.852
J48			186.100	1200	563516.020	162205.360	1.946
J49			186.150	1200	563523.050	162202.900	2.021
J50			186.150	1200	563524.120	162202.520	2.025
J51			186.125	1200	563528.910	162200.850	2.017
J52			186.100	1200	563529.980	162200.470	1.996
J53			186.000	1200	563534.580	162198.860	1.913
J54			186.200	1200	563540.510	162184.600	1.221
J55			186.150	1200	563541.700	162188.040	1.206
J56			185.780	1200	563545.650	162199.480	1.813
J57			185.500	1200	563548.610	162208.070	1.555
BASIN 1			187.000	1200	563523.750	162157.750	2.000
BASIN 2			186.300	1200	563474.350	162205.470	2.000
BASIN 3			185.100	1350	563428.170	162309.150	2.000
BASIN 4			185.330	1200	563554.320	162214.870	2.000
SWALE 1			186.800	1200	563499.320	162172.160	1.868
SWALE 2			185.650	1200	563478.800	162243.660	1.200
SWALE 3			185.270	1200	563457.440	162277.370	1.200
BH1			186.300	1200	563480.960	162227.890	2.223
BH2			185.100	1350	563433.990	162282.770	2.048
BH3			185.330	1200	563554.690	162225.060	2.024

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
1.000	S1	J1	8.207	0.600	188.370	188.200	0.170	48.3	100	5.12	48.7
1.001	J1	J2	5.022	0.600	188.200	188.106	0.094	53.4	100	5.20	48.4
1.002	J2	J3	1.039	0.600	188.106	188.096	0.010	103.9	100	5.23	48.3
1.003	J3	J4	1.949	0.600	188.046	188.035	0.011	177.1	150	5.27	48.2
1.004	J4	J5	3.535	0.600	188.035	187.910	0.125	28.3	150	5.30	48.1
1.005	J5	J6	5.676	0.600	187.910	187.650	0.260	21.8	150	5.34	47.9
1.006	J6	J7	1.967	0.600	187.650	187.600	0.050	39.3	150	5.36	47.8
1.007	J7	J8	1.129	0.600	187.600	187.593	0.007	161.2	150	5.39	47.7
1.008	J8	J9	8.463	0.600	187.593	187.350	0.243	34.8	150	5.47	47.4
1.009	J9	J10	1.201	0.600	187.275	187.270	0.005	240.1	225	5.49	47.3
1.010	J10	J11	2.446	0.600	187.270	187.121	0.149	16.4	225	5.51	47.3
1.011	J11	S2	5.367	0.600	187.121	187.039	0.082	65.5	225	5.56	47.1
1.012	S2	J12	1.494	0.600	187.039	187.034	0.005	298.8	225	5.59	47.0
1.013	J12	J13	6.470	0.600	186.809	186.702	0.107	60.5	225	5.66	46.7

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
1.000	1.112	8.7	1.5	0.900	0.900	0.011	0.0	28	0.825
1.001	1.056	8.3	4.2	0.900	0.944	0.032	0.0	50	1.060
1.002	0.754	5.9	5.5	0.944	0.954	0.042	0.0	76	0.855
1.003	0.752	13.3	7.6	0.954	0.915	0.058	0.0	81	0.776
1.004	1.900	33.6	8.6	0.915	0.940	0.066	0.0	52	1.597
1.005	2.165	38.3	9.9	0.940	0.900	0.076	0.0	52	1.819
1.006	1.609	28.4	10.9	0.900	0.900	0.084	0.0	64	1.502
1.007	0.789	13.9	11.9	0.900	0.907	0.092	0.0	107	0.884
1.008	1.711	30.2	13.1	0.907	0.900	0.102	0.0	69	1.649
1.009	0.839	33.4	14.1	0.900	0.905	0.110	0.0	102	0.806
1.010	3.245	129.0	15.9	0.905	1.004	0.124	0.0	53	2.226
1.011	1.619	64.4	17.0	1.004	1.011	0.133	0.0	79	1.371
1.012	0.751	29.9	20.7	1.011	0.991	0.163	0.0	138	0.810
1.013	1.685	67.0	21.9	1.216	1.073	0.173	0.0	88	1.511

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
1.014	J13	J14	1.896	0.600	186.702	186.695	0.007	270.8	225	5.70	46.6
1.015	J14	J15	1.916	0.600	186.695	186.688	0.007	273.7	225	5.74	46.4
1.016	J15	J16	5.126	0.600	186.688	186.670	0.018	284.8	225	5.85	46.0
1.017	J16	J17	3.360	0.600	186.670	186.625	0.045	74.7	225	5.89	45.8
1.018	J17	S3	1.886	0.600	186.358	186.212	0.146	12.9	225	5.90	45.8
1.019	S3	J18	5.130	0.600	186.212	186.194	0.018	285.0	225	6.01	45.4
1.020	J18	J19	1.489	0.600	186.194	186.102	0.092	16.2	225	6.01	45.4
1.021	J19	S4	4.396	0.600	186.027	186.016	0.011	399.7	300	6.11	45.1
1.022	S4	BASIN 1	16.725	0.600	185.378	185.000	0.378	44.2	300	6.43	44.1
1.023	BASIN 1	S5	8.539	0.600	185.000	184.980	0.020	426.9	300	6.62	43.5
1.024	S5	SWALE 1	20.305	0.600	184.980	184.932	0.048	423.0	300	7.07	42.1
1.025	SWALE 1	S6	37.707	0.600	184.932	184.844	0.088	428.5	300	7.90	39.8
1.026	S6	BASIN 2	5.733	0.600	184.844	184.830	0.014	409.5	300	8.03	39.5
1.027	BASIN 2	S7	21.741	0.600	184.830	184.779	0.051	426.3	300	8.51	38.4

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
1.014	0.789	31.4	23.1	1.073	1.080	0.183	0.0	144	0.861
1.015	0.785	31.2	24.0	1.080	1.087	0.191	0.0	148	0.864
1.016	0.770	30.6	24.8	1.087	0.955	0.199	0.0	154	0.855
1.017	1.515	60.2	25.7	0.955	0.900	0.207	0.0	102	1.455
1.018	3.660	145.5	26.7	1.167	1.313	0.215	0.0	65	2.798
1.019	0.769	30.6	29.3	1.313	1.231	0.238	0.0	177	0.873
1.020	3.268	129.9	30.5	1.231	1.323	0.248	0.0	74	2.689
1.021	0.780	55.1	31.5	1.323	1.184	0.258	0.0	163	0.805
1.022	2.370	167.5	46.4	1.822	1.700	0.389	0.0	108	2.036
1.023	0.754	53.3	45.8	1.700	1.720	0.389	0.0	215	0.845
1.024	0.758	53.6	44.4	1.720	1.568	0.389	0.0	209	0.844
1.025	0.753	53.2	42.0	1.568	1.706	0.389	0.0	202	0.832
1.026	0.771	54.5	41.7	1.706	1.170	0.389	0.0	197	0.847
1.027	0.755	53.4	40.5	1.170	1.221	0.389	0.0	196	0.828

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
1.028	S7	SWALE 2	16.710	0.600	184.779	184.450	0.329	50.8	300	8.63	38.1
1.029	SWALE 2	S8	25.734	0.600	184.450	184.390	0.060	428.9	300	9.20	36.9
1.030	S8	S9	12.015	0.600	184.390	184.200	0.190	63.2	300	9.30	36.7
1.031	S9	S10	6.684	0.600	184.200	184.184	0.016	417.7	300	9.45	36.4
1.032	S10	SWALE 3	4.360	0.600	184.184	184.070	0.114	38.2	300	9.48	36.3
1.033	SWALE 3	BASIN 3	43.205	0.600	184.070	183.900	0.170	254.1	300	10.21	34.9
32.000	S11	J28	4.533	0.600	186.400	186.356	0.044	103.0	100	5.10	48.8
32.001	J28	J29	8.827	0.600	186.356	186.271	0.085	103.8	100	5.29	48.1
32.002	J29	S12	4.655	0.600	186.271	186.226	0.045	103.4	100	5.40	47.7
32.003	S12	J30	5.083	0.600	186.176	186.147	0.029	175.3	150	5.51	47.3
32.004	J30	J31	4.976	0.600	186.147	186.119	0.028	177.7	150	5.62	46.9
32.005	J31	J32	9.743	0.600	186.119	186.064	0.055	177.1	150	5.84	46.0
32.006	J32	S13	5.299	0.600	186.064	186.034	0.030	176.6	150	5.95	45.6

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
1.028	2.211	156.3	40.2	1.221	0.900	0.389	0.0	103	1.863
1.029	0.753	53.2	38.9	0.900	0.940	0.389	0.0	191	0.819
1.030	1.980	140.0	38.7	0.940	0.900	0.389	0.0	108	1.701
1.031	0.763	53.9	38.4	0.900	0.916	0.389	0.0	187	0.826
1.032	2.550	180.2	62.5	0.916	0.900	0.635	0.0	122	2.325
1.033	0.981	69.4	60.1	0.900	0.900	0.635	0.0	217	1.100
32.000	0.757	5.9	3.3	0.900	0.994	0.025	0.0	54	0.779
32.001	0.754	5.9	4.3	0.994	1.069	0.033	0.0	63	0.821
32.002	0.756	5.9	5.3	1.069	1.114	0.041	0.0	74	0.854
32.003	0.756	13.4	6.5	1.114	1.103	0.051	0.0	74	0.752
32.004	0.751	13.3	7.7	1.103	1.031	0.061	0.0	82	0.779
32.005	0.752	13.3	8.9	1.031	1.036	0.071	0.0	89	0.803
32.006	0.753	13.3	10.1	1.036	1.016	0.082	0.0	98	0.828

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
32.007	S13	J33	13.007	0.600	186.034	185.610	0.424	30.7	150	6.07	45.2
32.008	J33	S14	9.078	0.600	185.610	185.250	0.360	25.2	150	6.15	45.0
32.009	S14	J34	5.240	0.600	185.250	185.200	0.050	104.8	150	6.24	44.7
32.010	J34	J35	9.022	0.600	185.125	185.075	0.050	180.4	225	6.39	44.2
32.011	J35	J36	6.870	0.600	185.075	184.875	0.200	34.4	225	6.44	44.0
32.012	J36	S15	2.370	0.600	184.875	184.867	0.008	296.3	225	6.50	43.9
32.013	S15	J37	9.335	0.600	184.867	184.575	0.292	32.0	225	6.56	43.6
32.014	J37	S16	5.184	0.600	184.575	184.557	0.018	288.0	225	6.67	43.3
32.015	S16	J38	2.308	0.600	184.557	184.375	0.182	12.7	225	6.69	43.3
32.016	J38	J39	10.817	0.600	184.375	184.338	0.037	292.4	225	6.92	42.5
32.017	J39	J40	3.655	0.600	184.338	184.325	0.013	281.1	225	7.00	42.3
32.018	J40	S10	9.569	0.600	184.325	184.259	0.066	145.0	225	7.15	41.9
23.001	S17	J20	7.157	0.600	186.000	185.931	0.069	103.7	100	5.19	48.5

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
32.007	1.824	32.2	12.1	1.016	0.900	0.099	0.0	64	1.695
32.008	2.013	35.6	13.6	0.900	0.900	0.112	0.0	64	1.879
32.009	0.981	17.3	16.3	0.900	0.900	0.135	0.0	116	1.113
32.010	0.970	38.6	17.1	0.900	0.900	0.143	0.0	105	0.942
32.011	2.239	89.0	18.0	0.900	0.900	0.151	0.0	68	1.760
32.012	0.754	30.0	19.1	0.900	0.908	0.161	0.0	131	0.798
32.013	2.322	92.3	20.8	0.908	0.900	0.176	0.0	73	1.886
32.014	0.765	30.4	21.8	0.900	0.978	0.186	0.0	141	0.830
32.015	3.694	146.9	22.7	0.978	0.900	0.194	0.0	59	2.695
32.016	0.759	30.2	23.5	0.900	1.067	0.204	0.0	150	0.838
32.017	0.775	30.8	24.5	1.067	1.000	0.214	0.0	152	0.857
32.018	1.083	43.1	25.2	1.000	0.916	0.222	0.0	123	1.124
23.001	0.755	5.9	1.1	0.900	1.219	0.008	0.0	29	0.568

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
23.002	J20	J21	3.776	0.600	185.931	185.895	0.036	104.9	100	5.28	48.2
23.003	J21	J22	8.013	0.600	185.895	185.818	0.077	104.1	100	5.45	47.5
23.004	J22	J23	3.593	0.600	185.818	185.783	0.035	102.6	100	5.53	47.2
23.005	J23	S18	7.503	0.600	185.783	185.711	0.072	104.2	100	5.70	46.6
23.006	S18	J24	1.832	0.600	185.661	185.650	0.011	166.5	150	5.74	46.4
23.007	J24	J25	6.181	0.600	185.650	185.615	0.035	176.6	150	5.87	45.9
23.008	J25	J26	4.965	0.600	185.615	185.587	0.028	177.3	150	5.98	45.5
23.009	J26	S19	3.706	0.600	185.587	185.566	0.021	176.5	150	6.07	45.2
23.010	S19	J27	8.903	0.600	185.491	185.461	0.030	296.8	225	6.26	44.6
23.011	J27	S4	2.391	0.600	185.461	185.453	0.008	298.9	225	6.32	44.4
48.001	S20	J41	4.628	0.600	184.642	184.597	0.045	102.8	100	5.23	48.3
48.002	J41	J42	6.214	0.600	184.597	184.537	0.060	103.6	100	5.37	47.8
48.003	J42	S21	8.178	0.600	184.537	184.459	0.078	104.8	100	5.55	47.1

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
23.002	0.750	5.9	2.1	1.219	1.235	0.016	0.0	41	0.685
23.003	0.753	5.9	3.3	1.235	1.312	0.026	0.0	54	0.775
23.004	0.759	6.0	4.6	1.312	1.347	0.036	0.0	66	0.837
23.005	0.753	5.9	5.6	1.347	1.339	0.044	0.0	77	0.855
23.006	0.776	13.7	8.2	1.339	1.300	0.065	0.0	83	0.809
23.007	0.753	13.3	9.1	1.300	1.435	0.073	0.0	91	0.810
23.008	0.751	13.3	10.2	1.435	1.463	0.083	0.0	99	0.827
23.009	0.753	13.3	11.5	1.463	1.534	0.094	0.0	108	0.847
23.010	0.754	30.0	13.9	1.534	1.814	0.115	0.0	108	0.740
23.011	0.751	29.9	15.1	1.814	1.822	0.125	0.0	113	0.752
48.001	0.758	6.0	2.5	1.038	0.903	0.019	0.0	45	0.723
48.002	0.755	5.9	2.5	0.903	1.013	0.019	0.0	45	0.720
48.003	0.750	5.9	3.7	1.013	1.381	0.029	0.0	57	0.792

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
48.004	S21	J43	5.101	0.600	184.459	184.410	0.049	104.1	100	5.67	46.7
48.005	J43	J44	1.606	0.600	184.360	184.350	0.010	160.6	150	5.70	46.6
48.006	J44	J45	8.775	0.600	184.350	184.300	0.050	175.5	150	5.89	45.8
48.007	J45	S22	2.380	0.600	184.300	184.286	0.014	170.0	150	5.95	45.6
48.008	S22	J46	2.432	0.600	184.286	184.272	0.014	173.7	150	6.00	45.4
48.009	J46	J47	4.214	0.600	184.272	184.248	0.024	175.6	150	6.09	45.1
48.010	J47	S23	2.640	0.600	184.248	184.233	0.015	176.0	150	6.15	44.9
48.011	S23	J48	1.123	0.600	184.158	184.154	0.004	280.7	225	6.17	44.9
48.012	J48	J49	7.448	0.600	184.154	184.129	0.025	297.9	225	6.34	44.3
48.013	J49	J50	1.135	0.600	184.129	184.125	0.004	283.9	225	6.36	44.3
48.014	J50	J51	5.073	0.600	184.125	184.108	0.017	298.4	225	6.48	43.9
48.015	J51	J52	1.135	0.600	184.108	184.104	0.004	283.9	225	6.50	43.8
48.016	J52	J53	4.874	0.600	184.104	184.087	0.017	286.7	225	6.61	43.5
48.017	J53	S24	10.256	0.600	184.087	184.052	0.035	293.0	225	6.83	42.8

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
48.004	0.753	5.9	5.4	1.381	1.390	0.043	0.0	75	0.854
48.005	0.790	14.0	6.7	1.390	1.425	0.053	0.0	73	0.781
48.006	0.755	13.3	7.8	1.425	1.550	0.063	0.0	82	0.784
48.007	0.768	13.6	9.0	1.550	1.614	0.073	0.0	89	0.820
48.008	0.759	13.4	11.2	1.614	1.628	0.091	0.0	105	0.849
48.009	0.755	13.3	12.1	1.628	1.702	0.099	0.0	112	0.854
48.010	0.754	13.3	13.0	1.702	1.717	0.107	0.0	120	0.858
48.011	0.775	30.8	15.1	1.717	1.721	0.124	0.0	111	0.771
48.012	0.752	29.9	16.1	1.721	1.796	0.134	0.0	117	0.765
48.013	0.771	30.6	17.3	1.796	1.800	0.144	0.0	121	0.793
48.014	0.752	29.9	18.3	1.800	1.792	0.154	0.0	128	0.790
48.015	0.771	30.6	19.2	1.792	1.771	0.162	0.0	130	0.814
48.016	0.767	30.5	20.9	1.771	1.688	0.177	0.0	137	0.824
48.017	0.758	30.2	21.5	1.688	1.693	0.185	0.0	140	0.821

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
48.018	S24	J56	4.244	0.600	183.977	183.967	0.010	424.4	300	6.93	42.5
48.019	J56	J57	9.086	0.600	183.967	183.945	0.022	413.0	300	7.12	41.9
48.020	J57	S25	7.916	0.600	183.945	183.926	0.019	416.6	300	7.30	41.5
48.021	S25	BASIN 4	3.193	0.600	183.926	183.918	0.008	399.2	300	7.36	41.3
65.001	S26	J54	8.523	0.600	185.377	185.200	0.177	48.2	100	5.18	48.5
65.002	J54	J55	3.640	0.600	184.979	184.944	0.035	104.0	100	5.26	48.2
65.003	J55	S24	7.859	0.600	184.944	184.869	0.075	104.8	100	5.44	47.6
2.000	FC1	J1	4.759	0.600	188.250	188.200	0.050	95.2	100	5.10	48.8
3.000	FC2	J2	4.536	0.600	188.150	188.106	0.044	103.1	100	5.10	48.8
4.000	FC3	J3	9.375	0.600	188.200	188.096	0.104	90.1	100	5.19	48.5
5.000	FC4	J4	7.350	0.600	188.200	188.085	0.115	63.9	100	5.13	48.7
6.000	FC5	J5	4.149	0.600	188.000	187.960	0.040	103.7	100	5.09	48.9

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
48.018	0.757	53.5	29.8	1.693	1.513	0.259	0.0	160	0.777
48.019	0.767	54.2	30.3	1.513	1.255	0.267	0.0	160	0.788
48.020	0.764	54.0	30.9	1.255	1.104	0.275	0.0	163	0.788
48.021	0.781	55.2	30.8	1.104	1.112	0.275	0.0	160	0.801
65.001	1.113	8.7	1.6	0.943	0.900	0.012	0.0	29	0.839
65.002	0.754	5.9	2.9	1.121	1.106	0.022	0.0	49	0.746
65.003	0.751	5.9	4.1	1.106	1.001	0.032	0.0	61	0.811
2.000	0.788	6.2	1.3	0.900	0.900	0.010	0.0	32	0.629
3.000	0.757	5.9	1.3	0.900	0.944	0.010	0.0	32	0.612
4.000	0.810	6.4	2.1	0.900	0.954	0.016	0.0	39	0.726
5.000	0.965	7.6	1.1	0.900	0.915	0.008	0.0	25	0.680
6.000	0.755	5.9	1.3	0.900	0.940	0.010	0.0	32	0.610

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
7.000	FC6	J6	7.336	0.600	187.850	187.700	0.150	48.9	100	5.11	48.8
8.000	FC7	J7	7.271	0.600	187.750	187.650	0.100	72.7	100	5.13	48.7
9.000	FC8	J8	4.185	0.600	187.750	187.643	0.107	39.1	100	5.06	49.0
10.000	FC9	J9	7.225	0.600	187.470	187.400	0.070	103.2	100	5.16	48.6
11.000	FC10	J10	6.240	0.600	187.470	187.395	0.075	83.2	100	5.12	48.7
12.000	FC11	J11	7.746	0.600	187.320	187.246	0.074	104.7	100	5.17	48.6
13.000	FC12	S2	6.888	0.600	187.230	187.164	0.066	104.4	100	5.15	48.6
14.000	FC13	J12	6.840	0.600	187.000	186.934	0.066	103.6	100	5.15	48.6
15.000	FC14	J13	7.561	0.600	186.900	186.827	0.073	103.6	100	5.17	48.6
16.000	FC15	J14	4.680	0.600	187.200	186.820	0.380	12.3	100	5.04	49.1
17.000	FC16	J15	7.601	0.600	186.900	186.813	0.087	87.4	100	5.15	48.6
18.000	FC17	J16	4.821	0.600	187.000	186.795	0.205	23.5	100	5.05	49.0
19.000	FC18	J17	7.010	0.600	186.550	186.483	0.067	104.6	100	5.16	48.6
20.000	FC19	S3	6.609	0.600	186.400	186.337	0.063	104.9	100	5.15	48.6

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
7.000	1.104	8.7	1.1	0.900	0.900	0.008	0.0	24	0.750
8.000	0.904	7.1	1.1	0.900	0.900	0.008	0.0	26	0.648
9.000	1.237	9.7	1.3	0.900	0.907	0.010	0.0	25	0.872
10.000	0.756	5.9	1.1	0.900	0.900	0.008	0.0	29	0.569
11.000	0.844	6.6	1.8	0.900	0.905	0.014	0.0	36	0.725
12.000	0.751	5.9	1.2	0.900	1.004	0.009	0.0	30	0.582
13.000	0.752	5.9	1.2	0.900	1.011	0.009	0.0	30	0.583
14.000	0.755	5.9	1.3	0.900	1.216	0.010	0.0	32	0.610
15.000	0.755	5.9	1.3	0.900	1.073	0.010	0.0	32	0.610
16.000	2.214	17.4	1.1	0.900	1.080	0.008	0.0	17	1.219
17.000	0.823	6.5	1.1	0.900	1.087	0.008	0.0	28	0.610
18.000	1.598	12.6	1.1	0.900	0.955	0.008	0.0	20	0.977
19.000	0.751	5.9	1.1	0.900	1.167	0.008	0.0	29	0.565
20.000	0.750	5.9	1.3	0.900	1.313	0.010	0.0	32	0.606

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
21.000	FC20	J18	4.329	0.600	186.950	186.650	0.300	14.4	100	5.04	49.1
22.000	FC21	J19	7.651	0.600	186.300	186.227	0.073	104.8	100	5.17	48.6
23.000	FC22	S17	4.771	0.600	186.450	186.000	0.450	10.6	100	5.03	49.1
24.000	FC23	J20	4.588	0.600	186.300	186.250	0.050	91.8	100	5.10	48.8
25.000	FC24	J21	4.644	0.600	186.300	186.230	0.070	66.3	100	5.08	48.9
26.000	FC25	J22	4.735	0.600	186.550	186.230	0.320	14.8	100	5.04	49.1
27.000	FC26	J23	4.616	0.600	186.450	186.230	0.220	21.0	100	5.05	49.0
28.000	FC27	J24	4.497	0.600	186.500	186.100	0.400	11.2	100	5.03	49.1
29.000	FC28	J25	4.356	0.600	186.500	186.200	0.300	14.5	100	5.04	49.1
30.000	FC29	J26	4.721	0.600	186.500	186.200	0.300	15.7	100	5.04	49.0
31.000	FC30	J27	4.404	0.600	186.750	186.500	0.250	17.6	100	5.04	49.0
33.000	FC31	J28	4.250	0.600	186.450	186.356	0.094	45.2	100	5.06	49.0
34.000	FC32	J29	4.159	0.600	186.450	186.271	0.179	23.2	100	5.04	49.0

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
21.000	2.044	16.1	1.3	0.900	0.900	0.010	0.0	19	1.220
22.000	0.751	5.9	1.3	0.900	1.323	0.010	0.0	32	0.607
23.000	2.387	18.7	1.1	0.900	0.900	0.008	0.0	16	1.276
24.000	0.803	6.3	1.1	0.900	0.900	0.008	0.0	28	0.595
25.000	0.947	7.4	1.3	0.900	0.900	0.010	0.0	29	0.713
26.000	2.018	15.9	1.3	0.900	0.900	0.010	0.0	20	1.235
27.000	1.693	13.3	1.1	0.900	0.900	0.008	0.0	19	1.010
28.000	2.318	18.2	1.1	0.900	0.900	0.008	0.0	17	1.277
29.000	2.038	16.0	1.3	0.900	0.900	0.010	0.0	19	1.217
30.000	1.957	15.4	1.5	0.900	0.900	0.011	0.0	21	1.225
31.000	1.849	14.5	1.3	0.900	0.900	0.010	0.0	21	1.157
33.000	1.149	9.0	1.1	0.900	0.994	0.008	0.0	23	0.766
34.000	1.608	12.6	1.1	0.900	1.069	0.008	0.0	20	0.983

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
35.000	FC33	S12	4.130	0.600	186.450	186.226	0.224	18.4	100	5.04	49.1
36.000	FC34	J30	4.772	0.600	186.450	186.400	0.050	95.4	100	5.10	48.8
37.000	FC35	J31	5.130	0.600	186.450	186.169	0.281	18.3	100	5.05	49.0
38.000	FC36	J32	5.014	0.600	186.450	186.114	0.336	14.9	100	5.04	49.0
39.000	FC37	J33	6.567	0.600	185.800	185.660	0.140	46.9	100	5.10	48.8
40.000	FC38	J34	4.712	0.600	185.450	185.250	0.200	23.6	100	5.05	49.0
41.000	FC39	J35	4.437	0.600	185.450	185.200	0.250	17.7	100	5.04	49.0
42.000	FC40	J36	5.069	0.600	185.500	185.000	0.500	10.1	100	5.03	49.1
43.000	FC41	J37	5.034	0.600	184.850	184.700	0.150	33.6	100	5.06	49.0
44.000	FC42	J38	4.938	0.600	184.600	184.500	0.100	49.4	100	5.07	48.9
45.000	FC43	J39	4.335	0.600	184.600	184.463	0.137	31.6	100	5.05	49.0
46.000	FC44	J40	4.393	0.600	184.600	184.450	0.150	29.3	100	5.05	49.0
47.000	FC45	S10	4.611	0.600	184.600	184.384	0.216	21.3	100	5.05	49.0

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
35.000	1.807	14.2	1.3	0.900	1.114	0.010	0.0	21	1.131
36.000	0.787	6.2	1.3	0.900	0.900	0.010	0.0	32	0.628
37.000	1.816	14.3	1.3	0.900	1.031	0.010	0.0	21	1.137
38.000	2.010	15.8	1.5	0.900	1.036	0.011	0.0	21	1.259
39.000	1.128	8.9	1.7	0.900	0.900	0.013	0.0	30	0.876
40.000	1.597	12.5	1.1	0.900	0.900	0.008	0.0	20	0.976
41.000	1.842	14.5	1.1	0.900	0.900	0.008	0.0	18	1.071
42.000	2.441	19.2	1.3	0.900	0.900	0.010	0.0	18	1.384
43.000	1.336	10.5	1.3	0.900	0.900	0.010	0.0	24	0.908
44.000	1.099	8.6	1.3	0.900	0.900	0.010	0.0	26	0.789
45.000	1.376	10.8	1.3	0.900	1.067	0.010	0.0	24	0.936
46.000	1.431	11.2	1.1	0.900	1.000	0.008	0.0	21	0.895
47.000	1.678	13.2	0.0	0.900	0.916	0.000	0.0	0	0.000

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
48.000	FC46	S20	6.002	0.600	184.700	184.642	0.058	103.5	100	5.13	48.7
49.000	FC47	J41	5.288	0.600	184.750	184.597	0.153	34.6	100	5.07	48.9
50.000	FC48	J42	4.997	0.600	184.800	184.537	0.263	19.0	100	5.05	49.0
51.000	FC49	S21	4.364	0.600	184.800	184.758	0.042	103.9	100	5.10	48.8
52.000	FC50	J43	4.681	0.600	184.800	184.755	0.045	104.0	100	5.10	48.8
55.000	FC51	S22	6.150	0.600	184.850	184.791	0.059	104.2	100	5.14	48.7
58.000	FC52	S23	5.454	0.600	185.250	185.100	0.150	36.4	100	5.07	48.9
61.000	FC53	J50	4.272	0.600	185.250	185.150	0.100	42.7	100	5.06	49.0
62.000	FC54	J51	3.980	0.600	185.250	185.125	0.125	31.8	100	5.05	49.0
64.000	FC55	J53	4.156	0.600	185.250	185.000	0.250	16.6	100	5.04	49.1
53.000	FC56	J44	6.583	0.600	185.350	184.925	0.425	15.5	100	5.06	49.0
54.000	FC57	J45	6.483	0.600	185.350	185.000	0.350	18.5	100	5.06	49.0
56.000	FC58	J46	6.203	0.600	185.350	185.050	0.300	20.7	100	5.06	49.0
57.000	FC59	J47	6.403	0.600	185.350	185.100	0.250	25.6	100	5.07	48.9

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
48.000	0.755	5.9	1.8	0.900	1.038	0.014	0.0	39	0.670
49.000	1.316	10.3	0.0	0.900	0.903	0.000	0.0	0	0.000
50.000	1.780	14.0	1.3	0.900	1.013	0.010	0.0	21	1.114
51.000	0.754	5.9	1.3	0.900	1.082	0.010	0.0	32	0.609
52.000	0.753	5.9	1.3	0.900	1.045	0.010	0.0	32	0.609
55.000	0.753	5.9	1.3	0.900	1.159	0.010	0.0	32	0.608
58.000	1.283	10.1	1.6	0.900	0.900	0.012	0.0	27	0.937
61.000	1.183	9.3	1.3	0.900	0.900	0.010	0.0	25	0.834
62.000	1.372	10.8	1.1	0.900	0.900	0.008	0.0	21	0.877
64.000	1.903	14.9	1.1	0.900	0.900	0.008	0.0	18	1.107
53.000	1.972	15.5	1.3	0.900	0.900	0.010	0.0	20	1.207
54.000	1.803	14.2	1.3	0.900	0.900	0.010	0.0	21	1.128
56.000	1.705	13.4	1.1	0.900	0.900	0.008	0.0	19	1.017
57.000	1.531	12.0	1.1	0.900	0.900	0.008	0.0	20	0.936

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Links

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
59.000	FC60	J48	6.605	0.600	185.350	185.100	0.250	26.4	100	5.07	48.9
60.000	FC61	J49	7.396	0.600	185.300	185.150	0.150	49.3	100	5.11	48.8
63.000	FC62	J52	9.395	0.600	185.250	185.100	0.150	62.6	100	5.16	48.6
65.000	FC63	S26	2.402	0.600	185.400	185.377	0.023	104.4	100	5.05	49.0
66.000	FC64	J54	2.197	0.600	185.000	184.979	0.021	104.6	100	5.05	49.0
67.000	FC65	J55	2.197	0.600	185.150	184.944	0.206	10.7	100	5.02	49.1
68.000	FC66	S24	2.124	0.600	185.000	184.970	0.030	70.8	100	5.04	49.1
69.000	FC67	J56	2.097	0.600	184.800	184.780	0.020	104.8	100	5.05	49.0
70.000	FC68	J57	2.281	0.600	184.550	184.500	0.050	45.6	100	5.03	49.1
71.000	BASIN 2	BH1	23.374	0.600	184.300	184.077	0.223	104.8	100	5.52	47.2
1.034	BASIN 3	BH2	27.014	0.600	183.100	183.052	0.048	562.8	375	10.81	33.9
48.022	BASIN 4	BH3	10.197	0.600	183.330	183.306	0.024	424.9	300	7.59	40.7

Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
59.000	1.507	11.8	1.3	0.900	0.900	0.010	0.0	22	0.985
60.000	1.100	8.6	1.3	0.900	0.900	0.010	0.0	26	0.789
63.000	0.975	7.7	2.0	0.900	0.900	0.015	0.0	35	0.818
65.000	0.752	5.9	1.1	0.900	0.943	0.008	0.0	29	0.566
66.000	0.751	5.9	1.3	0.900	1.121	0.010	0.0	32	0.607
67.000	2.379	18.7	1.3	0.900	1.106	0.010	0.0	18	1.386
68.000	0.916	7.2	1.3	0.900	0.900	0.010	0.0	29	0.700
69.000	0.750	5.9	1.1	0.900	0.900	0.008	0.0	29	0.565
70.000	1.144	9.0	1.1	0.900	0.900	0.008	0.0	23	0.762
71.000	0.751	5.9	0.0	1.900	2.123	0.000	0.0	0	0.000
1.034	0.756	83.6	58.3	1.625	1.673	0.635	0.0	231	0.816
48.022	0.756	53.5	30.3	1.700	1.724	0.275	0.0	162	0.780

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
1.000	8.207	48.3	100	Circular	189.370	188.370	0.900	189.200	188.200	0.900
1.001	5.022	53.4	100	Circular	189.200	188.200	0.900	189.150	188.106	0.944
1.002	1.039	103.9	100	Circular	189.150	188.106	0.944	189.150	188.096	0.954
1.003	1.949	177.1	150	Circular	189.150	188.046	0.954	189.100	188.035	0.915
1.004	3.535	28.3	150	Circular	189.100	188.035	0.915	189.000	187.910	0.940
1.005	5.676	21.8	150	Circular	189.000	187.910	0.940	188.700	187.650	0.900
1.006	1.967	39.3	150	Circular	188.700	187.650	0.900	188.650	187.600	0.900
1.007	1.129	161.2	150	Circular	188.650	187.600	0.900	188.650	187.593	0.907
1.008	8.463	34.8	150	Circular	188.650	187.593	0.907	188.400	187.350	0.900
1.009	1.201	240.1	225	Circular	188.400	187.275	0.900	188.400	187.270	0.905
1.010	2.446	16.4	225	Circular	188.400	187.270	0.905	188.350	187.121	1.004
1.011	5.367	65.5	225	Circular	188.350	187.121	1.004	188.275	187.039	1.011
1.012	1.494	298.8	225	Circular	188.275	187.039	1.011	188.250	187.034	0.991
1.013	6.470	60.5	225	Circular	188.250	186.809	1.216	188.000	186.702	1.073
1.014	1.896	270.8	225	Circular	188.000	186.702	1.073	188.000	186.695	1.080

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.000	S1	1200	Manhole	Adoptable	J1	1200	Manhole	Adoptable
1.001	J1	1200	Manhole	Adoptable	J2	1200	Manhole	Adoptable
1.002	J2	1200	Manhole	Adoptable	J3	1200	Manhole	Adoptable
1.003	J3	1200	Manhole	Adoptable	J4	1200	Manhole	Adoptable
1.004	J4	1200	Manhole	Adoptable	J5	1200	Manhole	Adoptable
1.005	J5	1200	Manhole	Adoptable	J6	1200	Manhole	Adoptable
1.006	J6	1200	Manhole	Adoptable	J7	1200	Manhole	Adoptable
1.007	J7	1200	Manhole	Adoptable	J8	1200	Manhole	Adoptable
1.008	J8	1200	Manhole	Adoptable	J9	1200	Manhole	Adoptable
1.009	J9	1200	Manhole	Adoptable	J10	1200	Manhole	Adoptable
1.010	J10	1200	Manhole	Adoptable	J11	1200	Manhole	Adoptable
1.011	J11	1200	Manhole	Adoptable	S2	1200	Manhole	Adoptable
1.012	S2	1200	Manhole	Adoptable	J12	1200	Manhole	Adoptable
1.013	J12	1200	Manhole	Adoptable	J13	1200	Manhole	Adoptable
1.014	J13	1200	Manhole	Adoptable	J14	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
1.015	1.916	273.7	225	Circular	188.000	186.695	1.080	188.000	186.688	1.087
1.016	5.126	284.8	225	Circular	188.000	186.688	1.087	187.850	186.670	0.955
1.017	3.360	74.7	225	Circular	187.850	186.670	0.955	187.750	186.625	0.900
1.018	1.886	12.9	225	Circular	187.750	186.358	1.167	187.750	186.212	1.313
1.019	5.130	285.0	225	Circular	187.750	186.212	1.313	187.650	186.194	1.231
1.020	1.489	16.2	225	Circular	187.650	186.194	1.231	187.650	186.102	1.323
1.021	4.396	399.7	300	Circular	187.650	186.027	1.323	187.500	186.016	1.184
1.022	16.725	44.2	300	Circular	187.500	185.378	1.822	187.000	185.000	1.700
1.023	8.539	426.9	300	Circular	187.000	185.000	1.700	187.000	184.980	1.720
1.024	20.305	423.0	300	Circular	187.000	184.980	1.720	186.800	184.932	1.568
1.025	37.707	428.5	300	Circular	186.800	184.932	1.568	186.850	184.844	1.706
1.026	5.733	409.5	300	Circular	186.850	184.844	1.706	186.300	184.830	1.170
1.027	21.741	426.3	300	Circular	186.300	184.830	1.170	186.300	184.779	1.221
1.028	16.710	50.8	300	Circular	186.300	184.779	1.221	185.650	184.450	0.900
1.029	25.734	428.9	300	Circular	185.650	184.450	0.900	185.630	184.390	0.940

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.015	J14	1200	Manhole	Adoptable	J15	1200	Manhole	Adoptable
1.016	J15	1200	Manhole	Adoptable	J16	1200	Manhole	Adoptable
1.017	J16	1200	Manhole	Adoptable	J17	1200	Manhole	Adoptable
1.018	J17	1200	Manhole	Adoptable	S3	1200	Manhole	Adoptable
1.019	S3	1200	Manhole	Adoptable	J18	1200	Manhole	Adoptable
1.020	J18	1200	Manhole	Adoptable	J19	1200	Manhole	Adoptable
1.021	J19	1200	Manhole	Adoptable	S4	1200	Manhole	Adoptable
1.022	S4	1200	Manhole	Adoptable	BASIN 1	1200	Manhole	Adoptable
1.023	BASIN 1	1200	Manhole	Adoptable	S5	1200	Manhole	Adoptable
1.024	S5	1200	Manhole	Adoptable	SWALE 1	1200	Manhole	Adoptable
1.025	SWALE 1	1200	Manhole	Adoptable	S6	1200	Manhole	Adoptable
1.026	S6	1200	Manhole	Adoptable	BASIN 2	1200	Manhole	Adoptable
1.027	BASIN 2	1200	Manhole	Adoptable	S7	1200	Manhole	Adoptable
1.028	S7	1200	Manhole	Adoptable	SWALE 2	1200	Manhole	Adoptable
1.029	SWALE 2	1200	Manhole	Adoptable	S8	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
1.030	12.015	63.2	300	Circular	185.630	184.390	0.940	185.400	184.200	0.900
1.031	6.684	417.7	300	Circular	185.400	184.200	0.900	185.400	184.184	0.916
1.032	4.360	38.2	300	Circular	185.400	184.184	0.916	185.270	184.070	0.900
1.033	43.205	254.1	300	Circular	185.270	184.070	0.900	185.100	183.900	0.900
32.000	4.533	103.0	100	Circular	187.400	186.400	0.900	187.450	186.356	0.994
32.001	8.827	103.8	100	Circular	187.450	186.356	0.994	187.440	186.271	1.069
32.002	4.655	103.4	100	Circular	187.440	186.271	1.069	187.440	186.226	1.114
32.003	5.083	175.3	150	Circular	187.440	186.176	1.114	187.400	186.147	1.103
32.004	4.976	177.7	150	Circular	187.400	186.147	1.103	187.300	186.119	1.031
32.005	9.743	177.1	150	Circular	187.300	186.119	1.031	187.250	186.064	1.036
32.006	5.299	176.6	150	Circular	187.250	186.064	1.036	187.200	186.034	1.016
32.007	13.007	30.7	150	Circular	187.200	186.034	1.016	186.660	185.610	0.900
32.008	9.078	25.2	150	Circular	186.660	185.610	0.900	186.300	185.250	0.900
32.009	5.240	104.8	150	Circular	186.300	185.250	0.900	186.250	185.200	0.900

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.030	S8	1200	Manhole	Adoptable	S9	1200	Manhole	Adoptable
1.031	S9	1200	Manhole	Adoptable	S10	1200	Manhole	Adoptable
1.032	S10	1200	Manhole	Adoptable	SWALE 3	1200	Manhole	Adoptable
1.033	SWALE 3	1200	Manhole	Adoptable	BASIN 3	1350	Manhole	Adoptable
32.000	S11	1200	Manhole	Adoptable	J28	1200	Manhole	Adoptable
32.001	J28	1200	Manhole	Adoptable	J29	1200	Manhole	Adoptable
32.002	J29	1200	Manhole	Adoptable	S12	1200	Manhole	Adoptable
32.003	S12	1200	Manhole	Adoptable	J30	1200	Manhole	Adoptable
32.004	J30	1200	Manhole	Adoptable	J31	1200	Manhole	Adoptable
32.005	J31	1200	Manhole	Adoptable	J32	1200	Manhole	Adoptable
32.006	J32	1200	Manhole	Adoptable	S13	1200	Manhole	Adoptable
32.007	S13	1200	Manhole	Adoptable	J33	1200	Manhole	Adoptable
32.008	J33	1200	Manhole	Adoptable	S14	1200	Manhole	Adoptable
32.009	S14	1200	Manhole	Adoptable	J34	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
32.010	9.022	180.4	225	Circular	186.250	185.125	0.900	186.200	185.075	0.900
32.011	6.870	34.4	225	Circular	186.200	185.075	0.900	186.000	184.875	0.900
32.012	2.370	296.3	225	Circular	186.000	184.875	0.900	186.000	184.867	0.908
32.013	9.335	32.0	225	Circular	186.000	184.867	0.908	185.700	184.575	0.900
32.014	5.184	288.0	225	Circular	185.700	184.575	0.900	185.760	184.557	0.978
32.015	2.308	12.7	225	Circular	185.760	184.557	0.978	185.500	184.375	0.900
32.016	10.817	292.4	225	Circular	185.500	184.375	0.900	185.630	184.338	1.067
32.017	3.655	281.1	225	Circular	185.630	184.338	1.067	185.550	184.325	1.000
32.018	9.569	145.0	225	Circular	185.550	184.325	1.000	185.400	184.259	0.916
23.001	7.157	103.7	100	Circular	187.000	186.000	0.900	187.250	185.931	1.219
23.002	3.776	104.9	100	Circular	187.250	185.931	1.219	187.230	185.895	1.235
23.003	8.013	104.1	100	Circular	187.230	185.895	1.235	187.230	185.818	1.312
23.004	3.593	102.6	100	Circular	187.230	185.818	1.312	187.230	185.783	1.347
23.005	7.503	104.2	100	Circular	187.230	185.783	1.347	187.150	185.711	1.339

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
32.010	J34	1200	Manhole	Adoptable	J35	1200	Manhole	Adoptable
32.011	J35	1200	Manhole	Adoptable	J36	1200	Manhole	Adoptable
32.012	J36	1200	Manhole	Adoptable	S15	1200	Manhole	Adoptable
32.013	S15	1200	Manhole	Adoptable	J37	1200	Manhole	Adoptable
32.014	J37	1200	Manhole	Adoptable	S16	1200	Manhole	Adoptable
32.015	S16	1200	Manhole	Adoptable	J38	1200	Manhole	Adoptable
32.016	J38	1200	Manhole	Adoptable	J39	1200	Manhole	Adoptable
32.017	J39	1200	Manhole	Adoptable	J40	1200	Manhole	Adoptable
32.018	J40	1200	Manhole	Adoptable	S10	1200	Manhole	Adoptable
23.001	S17	1200	Manhole	Adoptable	J20	1200	Manhole	Adoptable
23.002	J20	1200	Manhole	Adoptable	J21	1200	Manhole	Adoptable
23.003	J21	1200	Manhole	Adoptable	J22	1200	Manhole	Adoptable
23.004	J22	1200	Manhole	Adoptable	J23	1200	Manhole	Adoptable
23.005	J23	1200	Manhole	Adoptable	S18	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
23.006	1.832	166.5	150	Circular	187.150	185.661	1.339	187.100	185.650	1.300
23.007	6.181	176.6	150	Circular	187.100	185.650	1.300	187.200	185.615	1.435
23.008	4.965	177.3	150	Circular	187.200	185.615	1.435	187.200	185.587	1.463
23.009	3.706	176.5	150	Circular	187.200	185.587	1.463	187.250	185.566	1.534
23.010	8.903	296.8	225	Circular	187.250	185.491	1.534	187.500	185.461	1.814
23.011	2.391	298.9	225	Circular	187.500	185.461	1.814	187.500	185.453	1.822
48.001	4.628	102.8	100	Circular	185.780	184.642	1.038	185.600	184.597	0.903
48.002	6.214	103.6	100	Circular	185.600	184.597	0.903	185.650	184.537	1.013
48.003	8.178	104.8	100	Circular	185.650	184.537	1.013	185.940	184.459	1.381
48.004	5.101	104.1	100	Circular	185.940	184.459	1.381	185.900	184.410	1.390
48.005	1.606	160.6	150	Circular	185.900	184.360	1.390	185.925	184.350	1.425
48.006	8.775	175.5	150	Circular	185.925	184.350	1.425	186.000	184.300	1.550
48.007	2.380	170.0	150	Circular	186.000	184.300	1.550	186.050	184.286	1.614
48.008	2.432	173.7	150	Circular	186.050	184.286	1.614	186.050	184.272	1.628

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
23.006	S18	1200	Manhole	Adoptable	J24	1200	Manhole	Adoptable
23.007	J24	1200	Manhole	Adoptable	J25	1200	Manhole	Adoptable
23.008	J25	1200	Manhole	Adoptable	J26	1200	Manhole	Adoptable
23.009	J26	1200	Manhole	Adoptable	S19	1200	Manhole	Adoptable
23.010	S19	1200	Manhole	Adoptable	J27	1200	Manhole	Adoptable
23.011	J27	1200	Manhole	Adoptable	S4	1200	Manhole	Adoptable
48.001	S20	1200	Manhole	Adoptable	J41	1200	Manhole	Adoptable
48.002	J41	1200	Manhole	Adoptable	J42	1200	Manhole	Adoptable
48.003	J42	1200	Manhole	Adoptable	S21	1200	Manhole	Adoptable
48.004	S21	1200	Manhole	Adoptable	J43	1200	Manhole	Adoptable
48.005	J43	1200	Manhole	Adoptable	J44	1200	Manhole	Adoptable
48.006	J44	1200	Manhole	Adoptable	J45	1200	Manhole	Adoptable
48.007	J45	1200	Manhole	Adoptable	S22	1200	Manhole	Adoptable
48.008	S22	1200	Manhole	Adoptable	J46	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
48.009	4.214	175.6	150	Circular	186.050	184.272	1.628	186.100	184.248	1.702
48.010	2.640	176.0	150	Circular	186.100	184.248	1.702	186.100	184.233	1.717
48.011	1.123	280.7	225	Circular	186.100	184.158	1.717	186.100	184.154	1.721
48.012	7.448	297.9	225	Circular	186.100	184.154	1.721	186.150	184.129	1.796
48.013	1.135	283.9	225	Circular	186.150	184.129	1.796	186.150	184.125	1.800
48.014	5.073	298.4	225	Circular	186.150	184.125	1.800	186.125	184.108	1.792
48.015	1.135	283.9	225	Circular	186.125	184.108	1.792	186.100	184.104	1.771
48.016	4.874	286.7	225	Circular	186.100	184.104	1.771	186.000	184.087	1.688
48.017	10.256	293.0	225	Circular	186.000	184.087	1.688	185.970	184.052	1.693
48.018	4.244	424.4	300	Circular	185.970	183.977	1.693	185.780	183.967	1.513
48.019	9.086	413.0	300	Circular	185.780	183.967	1.513	185.500	183.945	1.255
48.020	7.916	416.6	300	Circular	185.500	183.945	1.255	185.330	183.926	1.104
48.021	3.193	399.2	300	Circular	185.330	183.926	1.104	185.330	183.918	1.112
65.001	8.523	48.2	100	Circular	186.420	185.377	0.943	186.200	185.200	0.900

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
48.009	J46	1200	Manhole	Adoptable	J47	1200	Manhole	Adoptable
48.010	J47	1200	Manhole	Adoptable	S23	1200	Manhole	Adoptable
48.011	S23	1200	Manhole	Adoptable	J48	1200	Manhole	Adoptable
48.012	J48	1200	Manhole	Adoptable	J49	1200	Manhole	Adoptable
48.013	J49	1200	Manhole	Adoptable	J50	1200	Manhole	Adoptable
48.014	J50	1200	Manhole	Adoptable	J51	1200	Manhole	Adoptable
48.015	J51	1200	Manhole	Adoptable	J52	1200	Manhole	Adoptable
48.016	J52	1200	Manhole	Adoptable	J53	1200	Manhole	Adoptable
48.017	J53	1200	Manhole	Adoptable	S24	1200	Manhole	Adoptable
48.018	S24	1200	Manhole	Adoptable	J56	1200	Manhole	Adoptable
48.019	J56	1200	Manhole	Adoptable	J57	1200	Manhole	Adoptable
48.020	J57	1200	Manhole	Adoptable	S25	1200	Manhole	Adoptable
48.021	S25	1200	Manhole	Adoptable	BASIN 4	1200	Manhole	Adoptable
65.001	S26	1200	Manhole	Adoptable	J54	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
65.002	3.640	104.0	100	Circular	186.200	184.979	1.121	186.150	184.944	1.106
65.003	7.859	104.8	100	Circular	186.150	184.944	1.106	185.970	184.869	1.001
2.000	4.759	95.2	100	Circular	189.250	188.250	0.900	189.200	188.200	0.900
3.000	4.536	103.1	100	Circular	189.150	188.150	0.900	189.150	188.106	0.944
4.000	9.375	90.1	100	Circular	189.200	188.200	0.900	189.150	188.096	0.954
5.000	7.350	63.9	100	Circular	189.200	188.200	0.900	189.100	188.085	0.915
6.000	4.149	103.7	100	Circular	189.000	188.000	0.900	189.000	187.960	0.940
7.000	7.336	48.9	100	Circular	188.850	187.850	0.900	188.700	187.700	0.900
8.000	7.271	72.7	100	Circular	188.750	187.750	0.900	188.650	187.650	0.900
9.000	4.185	39.1	100	Circular	188.750	187.750	0.900	188.650	187.643	0.907
10.000	7.225	103.2	100	Circular	188.470	187.470	0.900	188.400	187.400	0.900
11.000	6.240	83.2	100	Circular	188.470	187.470	0.900	188.400	187.395	0.905
12.000	7.746	104.7	100	Circular	188.320	187.320	0.900	188.350	187.246	1.004
13.000	6.888	104.4	100	Circular	188.230	187.230	0.900	188.275	187.164	1.011

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
65.002	J54	1200	Manhole	Adoptable	J55	1200	Manhole	Adoptable
65.003	J55	1200	Manhole	Adoptable	S24	1200	Manhole	Adoptable
2.000	FC1	1200	Manhole	Adoptable	J1	1200	Manhole	Adoptable
3.000	FC2	1200	Manhole	Adoptable	J2	1200	Manhole	Adoptable
4.000	FC3	1200	Manhole	Adoptable	J3	1200	Manhole	Adoptable
5.000	FC4	1200	Manhole	Adoptable	J4	1200	Manhole	Adoptable
6.000	FC5	1200	Manhole	Adoptable	J5	1200	Manhole	Adoptable
7.000	FC6	1200	Manhole	Adoptable	J6	1200	Manhole	Adoptable
8.000	FC7	1200	Manhole	Adoptable	J7	1200	Manhole	Adoptable
9.000	FC8	1200	Manhole	Adoptable	J8	1200	Manhole	Adoptable
10.000	FC9	1200	Manhole	Adoptable	J9	1200	Manhole	Adoptable
11.000	FC10	1200	Manhole	Adoptable	J10	1200	Manhole	Adoptable
12.000	FC11	1200	Manhole	Adoptable	J11	1200	Manhole	Adoptable
13.000	FC12	1200	Manhole	Adoptable	S2	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
14.000	6.840	103.6	100	Circular	188.000	187.000	0.900	188.250	186.934	1.216
15.000	7.561	103.6	100	Circular	187.900	186.900	0.900	188.000	186.827	1.073
16.000	4.680	12.3	100	Circular	188.200	187.200	0.900	188.000	186.820	1.080
17.000	7.601	87.4	100	Circular	187.900	186.900	0.900	188.000	186.813	1.087
18.000	4.821	23.5	100	Circular	188.000	187.000	0.900	187.850	186.795	0.955
19.000	7.010	104.6	100	Circular	187.550	186.550	0.900	187.750	186.483	1.167
20.000	6.609	104.9	100	Circular	187.400	186.400	0.900	187.750	186.337	1.313
21.000	4.329	14.4	100	Circular	187.950	186.950	0.900	187.650	186.650	0.900
22.000	7.651	104.8	100	Circular	187.300	186.300	0.900	187.650	186.227	1.323
23.000	4.771	10.6	100	Circular	187.450	186.450	0.900	187.000	186.000	0.900
24.000	4.588	91.8	100	Circular	187.300	186.300	0.900	187.250	186.250	0.900
25.000	4.644	66.3	100	Circular	187.300	186.300	0.900	187.230	186.230	0.900
26.000	4.735	14.8	100	Circular	187.550	186.550	0.900	187.230	186.230	0.900
27.000	4.616	21.0	100	Circular	187.450	186.450	0.900	187.230	186.230	0.900
28.000	4.497	11.2	100	Circular	187.500	186.500	0.900	187.100	186.100	0.900

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
14.000	FC13	1200	Manhole	Adoptable	J12	1200	Manhole	Adoptable
15.000	FC14	1200	Manhole	Adoptable	J13	1200	Manhole	Adoptable
16.000	FC15	1200	Manhole	Adoptable	J14	1200	Manhole	Adoptable
17.000	FC16	1200	Manhole	Adoptable	J15	1200	Manhole	Adoptable
18.000	FC17	1200	Manhole	Adoptable	J16	1200	Manhole	Adoptable
19.000	FC18	1200	Manhole	Adoptable	J17	1200	Manhole	Adoptable
20.000	FC19	1200	Manhole	Adoptable	S3	1200	Manhole	Adoptable
21.000	FC20	1200	Manhole	Adoptable	J18	1200	Manhole	Adoptable
22.000	FC21	1200	Manhole	Adoptable	J19	1200	Manhole	Adoptable
23.000	FC22	1200	Manhole	Adoptable	S17	1200	Manhole	Adoptable
24.000	FC23	1200	Manhole	Adoptable	J20	1200	Manhole	Adoptable
25.000	FC24	1200	Manhole	Adoptable	J21	1200	Manhole	Adoptable
26.000	FC25	1200	Manhole	Adoptable	J22	1200	Manhole	Adoptable
27.000	FC26	1200	Manhole	Adoptable	J23	1200	Manhole	Adoptable
28.000	FC27	1200	Manhole	Adoptable	J24	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
29.000	4.356	14.5	100	Circular	187.500	186.500	0.900	187.200	186.200	0.900
30.000	4.721	15.7	100	Circular	187.500	186.500	0.900	187.200	186.200	0.900
31.000	4.404	17.6	100	Circular	187.750	186.750	0.900	187.500	186.500	0.900
33.000	4.250	45.2	100	Circular	187.450	186.450	0.900	187.450	186.356	0.994
34.000	4.159	23.2	100	Circular	187.450	186.450	0.900	187.440	186.271	1.069
35.000	4.130	18.4	100	Circular	187.450	186.450	0.900	187.440	186.226	1.114
36.000	4.772	95.4	100	Circular	187.450	186.450	0.900	187.400	186.400	0.900
37.000	5.130	18.3	100	Circular	187.450	186.450	0.900	187.300	186.169	1.031
38.000	5.014	14.9	100	Circular	187.450	186.450	0.900	187.250	186.114	1.036
39.000	6.567	46.9	100	Circular	186.800	185.800	0.900	186.660	185.660	0.900
40.000	4.712	23.6	100	Circular	186.450	185.450	0.900	186.250	185.250	0.900
41.000	4.437	17.7	100	Circular	186.450	185.450	0.900	186.200	185.200	0.900
42.000	5.069	10.1	100	Circular	186.500	185.500	0.900	186.000	185.000	0.900
43.000	5.034	33.6	100	Circular	185.850	184.850	0.900	185.700	184.700	0.900

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
29.000	FC28	1200	Manhole	Adoptable	J25	1200	Manhole	Adoptable
30.000	FC29	1200	Manhole	Adoptable	J26	1200	Manhole	Adoptable
31.000	FC30	1200	Manhole	Adoptable	J27	1200	Manhole	Adoptable
33.000	FC31	1200	Manhole	Adoptable	J28	1200	Manhole	Adoptable
34.000	FC32	1200	Manhole	Adoptable	J29	1200	Manhole	Adoptable
35.000	FC33	1200	Manhole	Adoptable	S12	1200	Manhole	Adoptable
36.000	FC34	1200	Manhole	Adoptable	J30	1200	Manhole	Adoptable
37.000	FC35	1200	Manhole	Adoptable	J31	1200	Manhole	Adoptable
38.000	FC36	1200	Manhole	Adoptable	J32	1200	Manhole	Adoptable
39.000	FC37	1200	Manhole	Adoptable	J33	1200	Manhole	Adoptable
40.000	FC38	1200	Manhole	Adoptable	J34	1200	Manhole	Adoptable
41.000	FC39	1200	Manhole	Adoptable	J35	1200	Manhole	Adoptable
42.000	FC40	1200	Manhole	Adoptable	J36	1200	Manhole	Adoptable
43.000	FC41	1200	Manhole	Adoptable	J37	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
44.000	4.938	49.4	100	Circular	185.600	184.600	0.900	185.500	184.500	0.900
45.000	4.335	31.6	100	Circular	185.600	184.600	0.900	185.630	184.463	1.067
46.000	4.393	29.3	100	Circular	185.600	184.600	0.900	185.550	184.450	1.000
47.000	4.611	21.3	100	Circular	185.600	184.600	0.900	185.400	184.384	0.916
48.000	6.002	103.5	100	Circular	185.700	184.700	0.900	185.780	184.642	1.038
49.000	5.288	34.6	100	Circular	185.750	184.750	0.900	185.600	184.597	0.903
50.000	4.997	19.0	100	Circular	185.800	184.800	0.900	185.650	184.537	1.013
51.000	4.364	103.9	100	Circular	185.800	184.800	0.900	185.940	184.758	1.082
52.000	4.681	104.0	100	Circular	185.800	184.800	0.900	185.900	184.755	1.045
55.000	6.150	104.2	100	Circular	185.850	184.850	0.900	186.050	184.791	1.159
58.000	5.454	36.4	100	Circular	186.250	185.250	0.900	186.100	185.100	0.900
61.000	4.272	42.7	100	Circular	186.250	185.250	0.900	186.150	185.150	0.900
62.000	3.980	31.8	100	Circular	186.250	185.250	0.900	186.125	185.125	0.900
64.000	4.156	16.6	100	Circular	186.250	185.250	0.900	186.000	185.000	0.900

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
44.000	FC42	1200	Manhole	Adoptable	J38	1200	Manhole	Adoptable
45.000	FC43	1200	Manhole	Adoptable	J39	1200	Manhole	Adoptable
46.000	FC44	1200	Manhole	Adoptable	J40	1200	Manhole	Adoptable
47.000	FC45	1200	Manhole	Adoptable	S10	1200	Manhole	Adoptable
48.000	FC46	1200	Manhole	Adoptable	S20	1200	Manhole	Adoptable
49.000	FC47	1200	Manhole	Adoptable	J41	1200	Manhole	Adoptable
50.000	FC48	1200	Manhole	Adoptable	J42	1200	Manhole	Adoptable
51.000	FC49	1200	Manhole	Adoptable	S21	1200	Manhole	Adoptable
52.000	FC50	1200	Manhole	Adoptable	J43	1200	Manhole	Adoptable
55.000	FC51	1200	Manhole	Adoptable	S22	1200	Manhole	Adoptable
58.000	FC52	1200	Manhole	Adoptable	S23	1200	Manhole	Adoptable
61.000	FC53	1200	Manhole	Adoptable	J50	1200	Manhole	Adoptable
62.000	FC54	1200	Manhole	Adoptable	J51	1200	Manhole	Adoptable
64.000	FC55	1200	Manhole	Adoptable	J53	1200	Manhole	Adoptable

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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
53.000	6.583	15.5	100	Circular	186.350	185.350	0.900	185.925	184.925	0.900
54.000	6.483	18.5	100	Circular	186.350	185.350	0.900	186.000	185.000	0.900
56.000	6.203	20.7	100	Circular	186.350	185.350	0.900	186.050	185.050	0.900
57.000	6.403	25.6	100	Circular	186.350	185.350	0.900	186.100	185.100	0.900
59.000	6.605	26.4	100	Circular	186.350	185.350	0.900	186.100	185.100	0.900
60.000	7.396	49.3	100	Circular	186.300	185.300	0.900	186.150	185.150	0.900
63.000	9.395	62.6	100	Circular	186.250	185.250	0.900	186.100	185.100	0.900
65.000	2.402	104.4	100	Circular	186.400	185.400	0.900	186.420	185.377	0.943
66.000	2.197	104.6	100	Circular	186.000	185.000	0.900	186.200	184.979	1.121
67.000	2.197	10.7	100	Circular	186.150	185.150	0.900	186.150	184.944	1.106
68.000	2.124	70.8	100	Circular	186.000	185.000	0.900	185.970	184.970	0.900
69.000	2.097	104.8	100	Circular	185.800	184.800	0.900	185.780	184.780	0.900
70.000	2.281	45.6	100	Circular	185.550	184.550	0.900	185.500	184.500	0.900
71.000	23.374	104.8	100	Circular	186.300	184.300	1.900	186.300	184.077	2.123

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
53.000	FC56	1200	Manhole	Adoptable	J44	1200	Manhole	Adoptable
54.000	FC57	1200	Manhole	Adoptable	J45	1200	Manhole	Adoptable
56.000	FC58	1200	Manhole	Adoptable	J46	1200	Manhole	Adoptable
57.000	FC59	1200	Manhole	Adoptable	J47	1200	Manhole	Adoptable
59.000	FC60	1200	Manhole	Adoptable	J48	1200	Manhole	Adoptable
60.000	FC61	1200	Manhole	Adoptable	J49	1200	Manhole	Adoptable
63.000	FC62	1200	Manhole	Adoptable	J52	1200	Manhole	Adoptable
65.000	FC63	1200	Manhole	Adoptable	S26	1200	Manhole	Adoptable
66.000	FC64	1200	Manhole	Adoptable	J54	1200	Manhole	Adoptable
67.000	FC65	1200	Manhole	Adoptable	J55	1200	Manhole	Adoptable
68.000	FC66	1200	Manhole	Adoptable	S24	1200	Manhole	Adoptable
69.000	FC67	1200	Manhole	Adoptable	J56	1200	Manhole	Adoptable
70.000	FC68	1200	Manhole	Adoptable	J57	1200	Manhole	Adoptable
71.000	BASIN 2	1200	Manhole	Adoptable	BH1	1200	Manhole	Adoptable

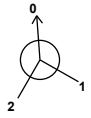
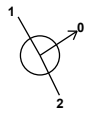
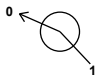
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Pipeline Schedule

Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
1.034	27.014	562.8	375	Circular	185.100	183.100	1.625	185.100	183.052	1.673
48.022	10.197	424.9	300	Circular	185.330	183.330	1.700	185.330	183.306	1.724

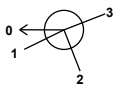
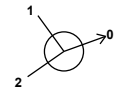
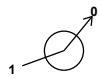
Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
1.034	BASIN 3	1350	Manhole	Adoptable	BH2	1350	Manhole	Adoptable
48.022	BASIN 4	1200	Manhole	Adoptable	BH3	1200	Manhole	Adoptable

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
S1	563493.340	162076.770	189.370	1.000	1200				
						0	1.000	188.370	100
S2	563516.320	162116.620	188.275	1.236	1200		1	13.000	187.164	100
							2	1.011	187.039	225
						0	1.012	187.039	225
S3	563514.580	162138.700	187.750	1.538	1200		1	20.000	186.337	100
							2	1.018	186.212	225
						0	1.019	186.212	225
S4	563509.750	162148.600	187.500	2.122	1200		1	23.011	185.453	225
							2	1.021	186.016	300
						0	1.022	185.378	300
S5	563517.900	162163.970	187.000	2.020	1200		1	1.023	184.980	300
						0	1.024	184.980	300

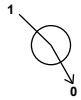
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
S6	563473.650	162199.780	186.850	2.006	1200	 1	1.025	184.844	300
						0	1.026	184.844	300
S7	563477.070	162227.040	186.300	1.521	1200	 1	1.027	184.779	300
						0	1.028	184.779	300
S8	563472.380	162268.580	185.630	1.240	1200	 1	1.029	184.390	300
						0	1.030	184.390	300
S9	563468.030	162279.780	185.400	1.200	1200	1	1.030	184.200	300
						 0	1.031	184.200	300
S10	563461.800	162277.360	185.400	1.216	1200	1	47.000	184.384	100
						2	32.018	184.259	225
						 3	1.031	184.184	300
						0	1.032	184.184	300
S11	563414.850	162179.540	187.400	1.000	1200				
						0	32.000	186.400	100
S12	563429.630	162189.840	187.440	1.264	1200	1	35.000	186.226	100
						 2	32.002	186.226	100
						0	32.003	186.176	150
S13	563453.230	162198.390	187.200	1.166	1200	 1	32.006	186.034	150
						0	32.007	186.034	150

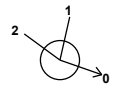
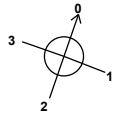
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
S14	563467.280	162215.430	186.300	1.050	1200	 1	32.008	185.250	150
						0	32.009	185.250	150
S15	563472.480	162238.350	186.000	1.133	1200	 1	32.012	184.867	225
						0	32.013	184.867	225
S16	563471.420	162252.830	185.760	1.203	1200	 1	32.014	184.557	225
						0	32.015	184.557	225
S17	563470.600	162190.920	187.000	1.000	1200	 1	23.000	186.000	100
						0	23.001	186.000	100
S18	563492.180	162170.020	187.150	1.489	1200	 1	23.005	185.711	100
						0	23.006	185.661	150
S19	563504.170	162158.420	187.250	1.759	1200	 1	23.009	185.566	150
						0	23.010	185.491	225
S20	563480.920	162236.440	185.780	1.138	1200	 1	48.000	184.642	100
						0	48.001	184.642	100
S21	563496.130	162225.020	185.940	1.481	1200	 1	51.000	184.758	100
						2	48.003	184.459	100
						0	48.004	184.459	100

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
S22	563507.470	162211.220	186.050	1.764	1200		1	55.000	184.791	100
							2	48.007	184.286	150
							0	48.008	184.286	150
S23	563514.960	162205.730	186.100	1.942	1200		1	58.000	185.100	100
							2	48.010	184.233	150
							0	48.011	184.158	225
S24	563544.260	162195.470	185.970	1.993	1200		1	68.000	184.970	100
							2	65.003	184.869	100
							3	48.017	184.052	225
							0	48.018	183.977	300
S25	563551.200	162215.550	185.330	1.404	1200		1	48.020	183.926	300
							0	48.021	183.926	300
S26	563537.740	162176.540	186.420	1.043	1200		1	65.000	185.377	100
							0	65.001	185.377	100
FC1	563493.090	162085.810	189.250	1.000	1200		0	2.000	188.250	100
FC2	563495.800	162090.060	189.150	1.000	1200		0	3.000	188.150	100
FC3	563508.330	162084.020	189.200	1.000	1200		0	4.000	188.200	100

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
FC4	563507.540	162086.720	189.200	1.000	1200	 0	5.000	188.200	100
FC5	563499.390	162095.500	189.000	1.000	1200	 0	6.000	188.000	100
FC6	563512.130	162094.710	188.850	1.000	1200	 0	7.000	187.850	100
FC7	563513.420	162097.030	188.750	1.000	1200	 0	8.000	187.750	100
FC8	563503.740	162103.120	188.750	1.000	1200	 0	9.000	187.750	100
FC9	563517.810	162104.770	188.470	1.000	1200	 0	10.000	187.470	100
FC10	563506.660	162112.250	188.470	1.000	1200	 0	11.000	187.470	100
FC11	563520.090	162107.680	188.320	1.000	1200	 0	12.000	187.320	100

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
FC12	563522.310	162113.220	188.230	1.000	1200	 0	13.000	187.230	100
FC13	563523.050	162118.150	188.000	1.000	1200	 0	14.000	187.000	100
FC14	563523.260	162124.650	187.900	1.000	1200	 0	15.000	186.900	100
FC15	563510.950	162125.590	188.200	1.000	1200	 0	16.000	187.200	100
FC16	563523.000	162128.460	187.900	1.000	1200	 0	17.000	186.900	100
FC17	563510.250	162132.590	188.000	1.000	1200	 0	18.000	187.000	100
FC18	563521.740	162136.870	187.550	1.000	1200	 0	19.000	186.550	100
FC19	563520.950	162140.460	187.400	1.000	1200	 0	20.000	186.400	100

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
FC20	563508.340	162141.630	187.950	1.000	1200	 0	21.000	186.950	100
FC21	563518.760	162147.550	187.300	1.000	1200	 0	22.000	186.300	100
FC22	563466.150	162189.200	187.450	1.000	1200	 0	23.000	186.450	100
FC23	563472.210	162183.010	187.300	1.000	1200	 0	24.000	186.300	100
FC24	563474.880	162180.340	187.300	1.000	1200	 0	25.000	186.300	100
FC25	563480.580	162174.700	187.550	1.000	1200	 0	26.000	186.550	100
FC26	563483.240	162172.290	187.450	1.000	1200	 0	27.000	186.450	100
FC27	563490.030	162165.890	187.500	1.000	1200	 0	28.000	186.500	100

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
FC28	563494.570	162161.690	187.500	1.000	1200	 0	29.000	186.500	100
FC29	563497.890	162157.970	187.500	1.000	1200	 0	30.000	186.500	100
FC30	563504.520	162148.950	187.750	1.000	1200	 0	31.000	186.750	100
FC31	563415.750	162185.310	187.450	1.000	1200	 0	33.000	186.450	100
FC32	563423.060	162190.300	187.450	1.000	1200	 0	34.000	186.450	100
FC33	563427.200	162193.180	187.450	1.000	1200	 0	35.000	186.450	100
FC34	563432.320	162195.860	187.450	1.000	1200	 0	36.000	186.450	100
FC35	563436.880	162197.890	187.450	1.000	1200	 0	37.000	186.450	100

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections		Link	IL (m)	Dia (mm)
FC36	563446.080	162201.100	187.450	1.000	1200		0	38.000	186.450	100
FC37	563456.130	162212.210	186.800	1.000	1200		0	39.000	185.800	100
FC38	563463.760	162221.090	186.450	1.000	1200		0	40.000	185.450	100
FC39	563466.020	162229.830	186.450	1.000	1200		0	41.000	185.450	100
FC40	563466.920	162236.670	186.500	1.000	1200		0	42.000	185.500	100
FC41	563466.840	162246.800	185.850	1.000	1200		0	43.000	184.850	100
FC42	563466.190	162252.720	185.600	1.000	1200		0	44.000	184.600	100
FC43	563462.800	162263.020	185.600	1.000	1200		0	45.000	184.600	100

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
FC44	563461.410	162266.390	185.600	1.000	1200	 0	46.000	184.600	100
FC45	563457.660	162275.330	185.600	1.000	1200	 0	47.000	184.600	100
FC46	563482.260	162242.290	185.700	1.000	1200	 0	48.000	184.700	100
FC47	563487.380	162238.170	185.750	1.000	1200	 0	49.000	184.750	100
FC48	563492.170	162234.210	185.800	1.000	1200	 0	50.000	184.800	100
FC49	563498.840	162228.440	185.800	1.000	1200	 0	51.000	184.800	100
FC50	563502.650	162224.420	185.800	1.000	1200	 0	52.000	184.800	100
FC51	563509.100	162217.150	185.850	1.000	1200	 0	55.000	184.850	100

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections		Link	IL (m)	Dia (mm)
FC52	563516.160	162211.050	186.250	1.000	1200		0	58.000	185.250	100
FC53	563525.050	162206.690	186.250	1.000	1200		0	61.000	185.250	100
FC54	563529.750	162204.740	186.250	1.000	1200		0	62.000	185.250	100
FC55	563535.470	162202.920	186.250	1.000	1200		0	64.000	185.250	100
FC56	563495.000	162216.060	186.350	1.000	1200		0	53.000	185.350	100
FC57	563500.650	162209.340	186.350	1.000	1200		0	54.000	185.350	100
FC58	563505.370	162205.090	186.350	1.000	1200		0	56.000	185.350	100
FC59	563508.650	162202.440	186.350	1.000	1200		0	57.000	185.350	100

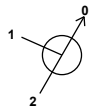
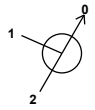
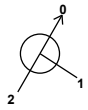
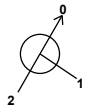
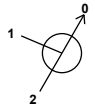
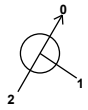
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
FC60	563513.370	162199.310	186.350	1.000	1200	 0	59.000	185.350	100
FC61	563520.140	162196.100	186.300	1.000	1200	 0	60.000	185.300	100
FC62	563526.410	162191.780	186.250	1.000	1200	 0	63.000	185.250	100
FC63	563539.260	162174.680	186.400	1.000	1200	 0	65.000	185.400	100
FC64	563542.370	162183.430	186.000	1.000	1200	 0	66.000	185.000	100
FC65	563543.560	162186.870	186.150	1.000	1200	 0	67.000	185.150	100
FC66	563546.240	162194.700	186.000	1.000	1200	 0	68.000	185.000	100
FC67	563547.410	162198.340	185.800	1.000	1200	 0	69.000	184.800	100

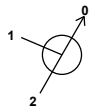
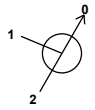
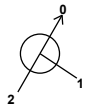
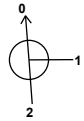
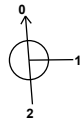
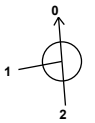
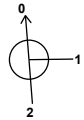
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
FC68	563550.550	162206.870	185.550	1.000	1200				
						0	70.000	184.550	100
J1	563497.440	162083.880	189.200	1.000	1200		1	2.000	188.200	100
							2	1.000	188.200	100
						0	1.001	188.200	100
J2	563499.950	162088.230	189.150	1.044	1200		1	3.000	188.106	100
							2	1.001	188.106	100
						0	1.002	188.106	100
J3	563500.470	162089.130	189.150	1.104	1200		1	4.000	188.096	100
							2	1.002	188.096	100
						0	1.003	188.046	150
J4	563501.440	162090.820	189.100	1.065	1200		1	5.000	188.085	100
							2	1.003	188.035	150
						0	1.004	188.035	150
J5	563503.210	162093.880	189.000	1.090	1200		1	6.000	187.960	100
							2	1.004	187.910	150
						0	1.005	187.910	150
J6	563506.040	162098.800	188.700	1.050	1200		1	7.000	187.700	100
							2	1.005	187.650	150
						0	1.006	187.650	150
J7	563507.030	162100.500	188.650	1.050	1200		1	8.000	187.650	100
							2	1.006	187.600	150
						0	1.007	187.600	150

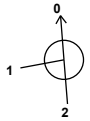
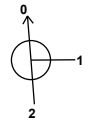
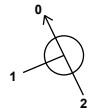
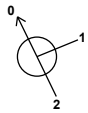
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
J8	563507.590	162101.480	188.650	1.057	1200		1	9.000	187.643	100
							2	1.007	187.593	150
							0	1.008	187.593	150
J9	563511.820	162108.810	188.400	1.125	1200		1	10.000	187.400	100
							2	1.008	187.350	150
							0	1.009	187.275	225
J10	563512.420	162109.850	188.400	1.130	1200		1	11.000	187.395	100
							2	1.009	187.270	225
							0	1.010	187.270	225
J11	563513.640	162111.970	188.350	1.229	1200		1	12.000	187.246	100
							2	1.010	187.121	225
							0	1.011	187.121	225
J12	563516.210	162118.110	188.250	1.441	1200		1	14.000	186.934	100
							2	1.012	187.034	225
							0	1.013	186.809	225
J13	563515.700	162124.560	188.000	1.298	1200		1	15.000	186.827	100
							2	1.013	186.702	225
							0	1.014	186.702	225
J14	563515.550	162126.450	188.000	1.305	1200		1	16.000	186.820	100
							2	1.014	186.695	225
							0	1.015	186.695	225
J15	563515.400	162128.360	188.000	1.312	1200		1	17.000	186.813	100
							2	1.015	186.688	225
							0	1.016	186.688	225

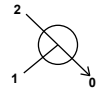
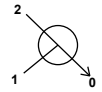
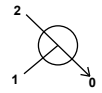
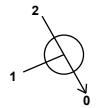
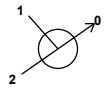
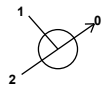
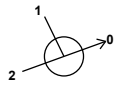
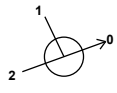
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
J16	563514.990	162133.470	187.850	1.180	1200		1	18.000	186.795	100
							2	1.016	186.670	225
							0	1.017	186.670	225
J17	563514.730	162136.820	187.750	1.392	1200		1	19.000	186.483	100
							2	1.017	186.625	225
							0	1.018	186.358	225
J18	563512.330	162143.310	187.650	1.456	1200		1	21.000	186.650	100
							2	1.019	186.194	225
							0	1.020	186.194	225
J19	563511.680	162144.650	187.650	1.623	1200		1	22.000	186.227	100
							2	1.020	186.102	225
							0	1.021	186.027	300
J20	563475.740	162185.940	187.250	1.319	1200		1	24.000	186.250	100
							2	23.001	185.931	100
							0	23.002	185.931	100
J21	563478.450	162183.310	187.230	1.335	1200		1	25.000	186.230	100
							2	23.002	185.895	100
							0	23.003	185.895	100
J22	563484.210	162177.740	187.230	1.412	1200		1	26.000	186.230	100
							2	23.003	185.818	100
							0	23.004	185.818	100
J23	563486.790	162175.240	187.230	1.447	1200		1	27.000	186.230	100
							2	23.004	185.783	100
							0	23.005	185.783	100

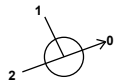
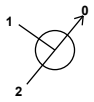
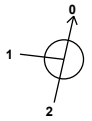
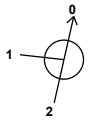
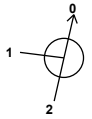
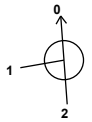
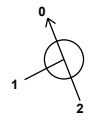
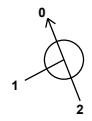
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
J24	563493.500	162168.750	187.100	1.450	1200		1	28.000	186.100	100
							2	23.006	185.650	150
							0	23.007	185.650	150
J25	563497.940	162164.450	187.200	1.585	1200		1	29.000	186.200	100
							2	23.007	185.615	150
							0	23.008	185.615	150
J26	563501.510	162161.000	187.200	1.613	1200		1	30.000	186.200	100
							2	23.008	185.587	150
							0	23.009	185.587	150
J27	563508.570	162150.680	187.500	2.039	1200		1	31.000	186.500	100
							2	23.010	185.461	225
							0	23.011	185.461	225
J28	563418.570	162182.130	187.450	1.094	1200		1	33.000	186.356	100
							2	32.000	186.356	100
							0	32.001	186.356	100
J29	563425.810	162187.180	187.440	1.169	1200		1	34.000	186.271	100
							2	32.001	186.271	100
							0	32.002	186.271	100
J30	563434.410	162191.570	187.400	1.253	1200		1	36.000	186.400	100
							2	32.003	186.147	150
							0	32.004	186.147	150
J31	563439.090	162193.260	187.300	1.181	1200		1	37.000	186.169	100
							2	32.004	186.119	150
							0	32.005	186.119	150

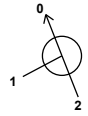
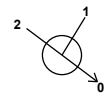
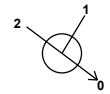
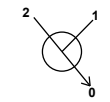
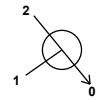
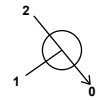
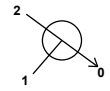
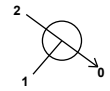
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
J32	563448.250	162196.580	187.250	1.186	1200		1	38.000	186.114	100
							2	32.005	186.064	150
							0	32.006	186.064	150
J33	563461.500	162208.430	186.660	1.050	1200		1	39.000	185.660	100
							2	32.007	185.610	150
							0	32.008	185.610	150
J34	563468.440	162220.540	186.250	1.125	1200		1	40.000	185.250	100
							2	32.009	185.200	150
							0	32.010	185.125	225
J35	563470.430	162229.340	186.200	1.125	1200		1	41.000	185.200	100
							2	32.010	185.075	225
							0	32.011	185.075	225
J36	563471.950	162236.040	186.000	1.125	1200		1	42.000	185.000	100
							2	32.011	184.875	225
							0	32.012	184.875	225
J37	563471.800	162247.660	185.700	1.125	1200		1	43.000	184.700	100
							2	32.013	184.575	225
							0	32.014	184.575	225
J38	563470.580	162254.980	185.500	1.125	1200		1	44.000	184.500	100
							2	32.015	184.375	225
							0	32.016	184.375	225
J39	563466.630	162265.050	185.630	1.292	1200		1	45.000	184.463	100
							2	32.016	184.338	225
							0	32.017	184.338	225

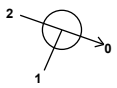
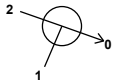
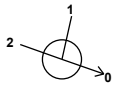
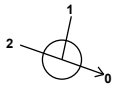
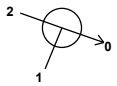
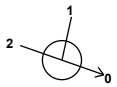
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
J40	563465.290	162268.450	185.550	1.225	1200		1	46.000	184.450	100
							2	32.017	184.325	225
							0	32.018	184.325	225
J41	563484.620	162233.660	185.600	1.003	1200		1	49.000	184.597	100
							2	48.001	184.597	100
							0	48.002	184.597	100
J42	563489.590	162229.930	185.650	1.113	1200		1	50.000	184.537	100
							2	48.002	184.537	100
							0	48.003	184.537	100
J43	563499.370	162221.080	185.900	1.540	1200		1	52.000	184.755	100
							2	48.004	184.410	100
							0	48.005	184.360	150
J44	563500.390	162219.840	185.925	1.575	1200		1	53.000	184.925	100
							2	48.005	184.350	150
							0	48.006	184.350	150
J45	563505.960	162213.060	186.000	1.700	1200		1	54.000	185.000	100
							2	48.006	184.300	150
							0	48.007	184.300	150
J46	563509.430	162209.780	186.050	1.778	1200		1	56.000	185.050	100
							2	48.008	184.272	150
							0	48.009	184.272	150
J47	563512.830	162207.290	186.100	1.852	1200		1	57.000	185.100	100
							2	48.009	184.248	150
							0	48.010	184.248	150

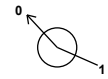
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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
J48	563516.020	162205.360	186.100	1.946	1200		1	59.000	185.100	100
							2	48.011	184.154	225
							0	48.012	184.154	225
J49	563523.050	162202.900	186.150	2.021	1200		1	60.000	185.150	100
							2	48.012	184.129	225
							0	48.013	184.129	225
J50	563524.120	162202.520	186.150	2.025	1200		1	61.000	185.150	100
							2	48.013	184.125	225
							0	48.014	184.125	225
J51	563528.910	162200.850	186.125	2.017	1200		1	62.000	185.125	100
							2	48.014	184.108	225
							0	48.015	184.108	225
J52	563529.980	162200.470	186.100	1.996	1200		1	63.000	185.100	100
							2	48.015	184.104	225
							0	48.016	184.104	225
J53	563534.580	162198.860	186.000	1.913	1200		1	64.000	185.000	100
							2	48.016	184.087	225
							0	48.017	184.087	225
J54	563540.510	162184.600	186.200	1.221	1200		1	66.000	184.979	100
							2	65.001	185.200	100
							0	65.002	184.979	100
J55	563541.700	162188.040	186.150	1.206	1200		1	67.000	184.944	100
							2	65.002	184.944	100
							0	65.003	184.944	100

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
J56	563545.650	162199.480	185.780	1.813	1200		1	69.000	184.780	100
							2	48.018	183.967	300
							0	48.019	183.967	300
J57	563548.610	162208.070	185.500	1.555	1200		1	70.000	184.500	100
							2	48.019	183.945	300
							0	48.020	183.945	300
BASIN 1	563523.750	162157.750	187.000	2.000	1200		1	1.022	185.000	300
							0	1.023	185.000	300
BASIN 2	563474.350	162205.470	186.300	2.000	1200		1	1.026	184.830	300
							0-1	1.027	184.830	300
							0-2	71.000	184.300	100
BASIN 3	563428.170	162309.150	185.100	2.000	1350		1	1.033	183.900	300
							0	1.034	183.100	375
BASIN 4	563554.320	162214.870	185.330	2.000	1200		1	48.021	183.918	300
							0	48.022	183.330	300
SWALE 1	563499.320	162172.160	186.800	1.868	1200		1	1.024	184.932	300
							0	1.025	184.932	300
SWALE 2	563478.800	162243.660	185.650	1.200	1200		1	1.028	184.450	300
							0	1.029	184.450	300

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Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
SWALE 3	563457.440	162277.370	185.270	1.200	1200	1	1.032	184.070	300
						0	1.033	184.070	300
BH1	563480.960	162227.890	186.300	2.223	1200	1	71.000	184.077	100
BH2	563433.990	162282.770	185.100	2.048	1350	1	1.034	183.052	375
BH3	563554.690	162225.060	185.330	2.024	1200	1	48.022	183.306	300

Simulation Settings

Rainfall Methodology	FEH-22	Analysis Speed	Normal	Additional Storage (m³/ha)	20.0
Summer CV	0.750	Skip Steady State	x	Check Discharge Rate(s)	x
Winter CV	0.840	Drain Down Time (mins)	240	Check Discharge Volume	x

Storm Durations

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

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

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Node FC1 Online Orifice Control

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

Node FC2 Online Orifice Control

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

Node FC3 Online Orifice Control

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

Node FC4 Online Orifice Control

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

Node FC5 Online Orifice Control

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

Node FC6 Online Orifice Control

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

Node FC7 Online Orifice Control

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

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Node FC8 Online Orifice Control

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

Node FC9 Online Orifice Control

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

Node FC10 Online Orifice Control

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

Node FC11 Online Orifice Control

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

Node FC12 Online Orifice Control

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

Node FC13 Online Orifice Control

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

Node FC14 Online Orifice Control

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

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Node FC15 Online Orifice Control

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

Node FC16 Online Orifice Control

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

Node FC17 Online Orifice Control

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

Node FC18 Online Orifice Control

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

Node FC19 Online Orifice Control

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

Node FC20 Online Orifice Control

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

Node FC21 Online Orifice Control

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

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Node FC22 Online Orifice Control

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

Node FC23 Online Orifice Control

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

Node FC24 Online Orifice Control

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

Node FC25 Online Orifice Control

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

Node FC26 Online Orifice Control

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

Node FC27 Online Orifice Control

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

Node FC28 Online Orifice Control

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

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Node FC29 Online Orifice Control

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

Node FC30 Online Orifice Control

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

Node FC31 Online Orifice Control

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

Node FC32 Online Orifice Control

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

Node FC33 Online Orifice Control

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

Node FC34 Online Orifice Control

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

Node FC35 Online Orifice Control

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

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Node FC36 Online Orifice Control

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

Node FC37 Online Orifice Control

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

Node FC38 Online Orifice Control

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

Node FC39 Online Orifice Control

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

Node FC40 Online Orifice Control

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

Node FC41 Online Orifice Control

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

Node FC42 Online Orifice Control

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

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Node FC43 Online Orifice Control

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

Node FC45 Online Orifice Control

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

Node FC46 Online Orifice Control

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

Node FC48 Online Orifice Control

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

Node FC49 Online Orifice Control

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

Node FC50 Online Orifice Control

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

Node FC51 Online Orifice Control

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

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Node FC52 Online Orifice Control

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

Node FC53 Online Orifice Control

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

Node FC54 Online Orifice Control

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

Node FC55 Online Orifice Control

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

Node FC56 Online Orifice Control

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

Node FC57 Online Orifice Control

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

Node FC58 Online Orifice Control

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

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Node FC59 Online Orifice Control

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

Node FC60 Online Orifice Control

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

Node FC61 Online Orifice Control

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

Node FC62 Online Orifice Control

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

Node FC63 Online Orifice Control

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

Node FC64 Online Orifice Control

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

Node FC65 Online Orifice Control

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

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Node FC66 Online Orifice Control

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

Node FC67 Online Orifice Control

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

Node FC68 Online Orifice Control

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

Node S5 Online Orifice Control

Flap Valve	x	Invert Level (m)	184.980	Design Flow (l/s)	2.0	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Depth (m)	1.900	Diameter (m)	0.026		

Node BASIN 1 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.000
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	106.3	0.0	2.000	206.5	0.0

Node BASIN 2 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	184.300
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	0

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

Node BASIN 3 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	183.100
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	689.9	0.0	2.000	939.0	0.0

Node BASIN 4 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	183.330
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	

Depth (m)	Area (m²)	Inf Area (m²)	Depth (m)	Area (m²)	Inf Area (m²)
0.000	123.0	0.0	2.000	229.4	0.0

Node BH1 Deep Bore Soakaway Storage Structure

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

Node BH2 Deep Bore Soakaway Storage Structure

Base Inf Coefficient (m/hr)	0.13860	Porosity	1.00	Diameter (m)	1.500	Borehole Depth (m)	45.000
Side Inf Coefficient (m/hr)	0.13860	Invert Level (m)	183.052	Depth (m)	1.200	Inf Depth (m)	10.000
Safety Factor	2.0	Time to half empty (mins)	194	Borehole Diameter (m)	0.150	Number Required	2

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Node BH3 Deep Bore Soakaway Storage Structure

Base Inf Coefficient (m/hr)	0.13860	Porosity	1.00	Diameter (m)	1.500	Borehole Depth (m)	45.000
Side Inf Coefficient (m/hr)	0.13860	Invert Level (m)	183.306	Depth (m)	1.200	Inf Depth (m)	10.000
Safety Factor	2.0	Time to half empty (mins)	194	Borehole Diameter (m)	0.150	Number Required	2

Node FC1 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	188.870
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	33

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

Node FC2 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	188.770
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	33

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

Node FC3 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	188.820
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	62

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

Node FC4 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	188.820
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	15

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

Node FC5 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	188.620
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC6 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	188.470
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	16

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

Node FC7 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	188.370
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	16

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

Node FC8 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	188.370
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC9 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	188.090
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	16

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

Node FC10 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	188.090
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	55

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

Node FC11 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.940
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	25

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

Node FC12 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.850
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	26

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

Node FC13 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.620
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	33

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

Node FC14 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	186.900
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	0

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

Node FC15 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.820
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	16

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

Node FC16 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.520
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	16

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

Node FC17 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.620
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	16

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

Node FC18 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.170
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	17

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

Node FC19 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.020
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	33

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

Node FC20 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.570
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC21 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	186.920
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC22 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	186.450
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	

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

Node FC23 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	186.920
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	16

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

Node FC24 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	186.920
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC25 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.170
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC26 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	186.450
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	

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

Node FC27 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.120
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	16

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

Node FC28 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.120
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC29 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.120
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	38

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

Node FC30 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.370
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC31 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.070
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	18

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

Node FC32 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.070
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	16

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

Node FC33 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.070
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC34 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.070
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	33

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

Node FC35 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.070
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC36 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	187.070
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	37

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

Node FC37 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	186.420
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	50

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

Node FC38 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.450
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	0

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

Node FC39 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	186.070
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	15

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

Node FC40 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	186.070
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	27

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

Node FC41 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.470
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	31

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

Node FC42 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.220
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	31

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

Node FC43 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.220
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	0

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

Node FC44 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.220
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	0

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

Node FC45 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.220
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	0

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

Node FC46 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.320
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	55

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

Node FC48 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.420
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC49 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.420
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	33

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

Node FC50 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.420
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	33

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

Node FC51 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.470
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	31

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

Node FC52 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.870
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	43

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

Node FC53 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.870
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC54 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.870
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	16

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

Node FC55 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.870
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	16

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

Node FC56 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.970
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC57 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.970
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC58 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.970
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	16

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

Node FC59 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.970
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	16

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

Node FC60 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.970
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC61 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.920
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC62 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.870
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	60

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

Node FC63 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	186.020
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	16

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

Node FC64 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.770
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	

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

Node FC65 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.770
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	32

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

Node FC66 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.620
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	33

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

Node FC67 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	184.800
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	0

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

Node FC68 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	185.170
Side Inf Coefficient (m/hr)	0.00000	Porosity	0.30	Time to half empty (mins)	16

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

Other (defaults)

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

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Approval Settings

Node Size	✓	Maximum Cover Depth (m)	3.000	Surcharged Depth	✓
Node Losses	✓	Backdrops	✓	Return Period (years)	
Link Size	✓	Minimum Backdrop Height (m)		Maximum Surcharged Depth (m)	0.100
Minimum Diameter (mm)	150	Maximum Backdrop Height (m)	1.500	Flooding	✓
Link Length	✓	Full Bore Velocity	✓	Return Period (years)	30
Maximum Length (m)	100.000	Minimum Full Bore Velocity (m/s)		Time to Half Empty	x
Coordinates	✓	Maximum Full Bore Velocity (m/s)	3.000	Discharge Rates	✓
Accuracy (m)	1.000	Proportional Velocity	✓	Discharge Volume	✓
Crossings	✓	Return Period (years)		100 year 360 minute (m^3)	
Cover Depth	✓	Minimum Proportional Velocity (m/s)	0.750		
Minimum Cover Depth (m)		Maximum Proportional Velocity (m/s)	3.000		

Rainfall

Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)	Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)
2 year 15 minute summer	99.639	28.194	2 year 720 minute summer	9.385	2.515
2 year 15 minute winter	69.922	28.194	2 year 720 minute winter	6.307	2.515
2 year 30 minute summer	65.240	18.461	2 year 960 minute summer	7.751	2.041
2 year 30 minute winter	45.783	18.461	2 year 960 minute winter	5.134	2.041
2 year 60 minute summer	43.894	11.600	2 year 1440 minute summer	5.677	1.521
2 year 60 minute winter	29.162	11.600	2 year 1440 minute winter	3.815	1.521
2 year 120 minute summer	30.461	8.050	30 year 15 minute summer	244.570	69.205
2 year 120 minute winter	20.238	8.050	30 year 15 minute winter	171.628	69.205
2 year 180 minute summer	24.680	6.351	30 year 30 minute summer	161.671	45.747
2 year 180 minute winter	16.043	6.351	30 year 30 minute winter	113.453	45.747
2 year 240 minute summer	20.115	5.316	30 year 60 minute summer	109.197	28.857
2 year 240 minute winter	13.364	5.316	30 year 60 minute winter	72.548	28.857
2 year 360 minute summer	15.844	4.077	30 year 120 minute summer	66.406	17.549
2 year 360 minute winter	10.299	4.077	30 year 120 minute winter	44.119	17.549
2 year 480 minute summer	12.673	3.349	30 year 180 minute summer	50.932	13.107
2 year 480 minute winter	8.420	3.349	30 year 180 minute winter	33.107	13.107
2 year 600 minute summer	10.472	2.864	30 year 240 minute summer	40.273	10.643
2 year 600 minute winter	7.155	2.864	30 year 240 minute winter	26.757	10.643

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Rainfall

Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)	Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)
30 year 360 minute summer	30.751	7.913	30 year +35% CC 960 minute summer	20.088	5.290
30 year 360 minute winter	19.989	7.913	30 year +35% CC 960 minute winter	13.307	5.290
30 year 480 minute summer	24.368	6.440	30 year +35% CC 1440 minute summer	14.744	3.952
30 year 480 minute winter	16.189	6.440	30 year +35% CC 1440 minute winter	9.909	3.952
30 year 600 minute summer	20.081	5.493	100 year 15 minute summer	309.182	87.488
30 year 600 minute winter	13.720	5.493	100 year 15 minute winter	216.970	87.488
30 year 720 minute summer	17.996	4.823	100 year 30 minute summer	206.521	58.438
30 year 720 minute winter	12.094	4.823	100 year 30 minute winter	144.927	58.438
30 year 960 minute summer	14.880	3.918	100 year 60 minute summer	140.321	37.083
30 year 960 minute winter	9.857	3.918	100 year 60 minute winter	93.226	37.083
30 year 1440 minute summer	10.922	2.927	100 year 120 minute summer	83.875	22.166
30 year 1440 minute winter	7.340	2.927	100 year 120 minute winter	55.725	22.166
30 year +35% CC 15 minute summer	330.170	93.427	100 year 180 minute summer	64.057	16.484
30 year +35% CC 15 minute winter	231.698	93.427	100 year 180 minute winter	41.639	16.484
30 year +35% CC 30 minute summer	218.255	61.759	100 year 240 minute summer	50.781	13.420
30 year +35% CC 30 minute winter	153.162	61.759	100 year 240 minute winter	33.738	13.420
30 year +35% CC 60 minute summer	147.416	38.958	100 year 360 minute summer	39.452	10.152
30 year +35% CC 60 minute winter	97.939	38.958	100 year 360 minute winter	25.645	10.152
30 year +35% CC 120 minute summer	89.648	23.691	100 year 480 minute summer	31.532	8.333
30 year +35% CC 120 minute winter	59.560	23.691	100 year 480 minute winter	20.949	8.333
30 year +35% CC 180 minute summer	68.758	17.694	100 year 600 minute summer	26.180	7.161
30 year +35% CC 180 minute winter	44.694	17.694	100 year 600 minute winter	17.888	7.161
30 year +35% CC 240 minute summer	54.369	14.368	100 year 720 minute summer	23.643	6.337
30 year +35% CC 240 minute winter	36.121	14.368	100 year 720 minute winter	15.890	6.337
30 year +35% CC 360 minute summer	41.514	10.683	100 year 960 minute summer	19.952	5.254
30 year +35% CC 360 minute winter	26.985	10.683	100 year 960 minute winter	13.217	5.254
30 year +35% CC 480 minute summer	32.897	8.694	100 year 1440 minute summer	15.033	4.029
30 year +35% CC 480 minute winter	21.856	8.694	100 year 1440 minute winter	10.103	4.029
30 year +35% CC 600 minute summer	27.109	7.415	100 year +45% CC 15 minute summer	448.314	126.857
30 year +35% CC 600 minute winter	18.523	7.415	100 year +45% CC 15 minute winter	314.606	126.857
30 year +35% CC 720 minute summer	24.294	6.511	100 year +45% CC 30 minute summer	299.456	84.736
30 year +35% CC 720 minute winter	16.327	6.511	100 year +45% CC 30 minute winter	210.145	84.736

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Rainfall

Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)	Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)
100 year +45% CC 60 minute summer	203.466	53.770	100 year +45% CC 480 minute summer	45.721	12.083
100 year +45% CC 60 minute winter	135.178	53.770	100 year +45% CC 480 minute winter	30.376	12.083
100 year +45% CC 120 minute summer	121.619	32.140	100 year +45% CC 600 minute summer	37.962	10.383
100 year +45% CC 120 minute winter	80.801	32.140	100 year +45% CC 600 minute winter	25.938	10.383
100 year +45% CC 180 minute summer	92.882	23.902	100 year +45% CC 720 minute summer	34.282	9.188
100 year +45% CC 180 minute winter	60.376	23.902	100 year +45% CC 720 minute winter	23.040	9.188
100 year +45% CC 240 minute summer	73.633	19.459	100 year +45% CC 960 minute summer	28.931	7.618
100 year +45% CC 240 minute winter	48.920	19.459	100 year +45% CC 960 minute winter	19.164	7.618
100 year +45% CC 360 minute summer	57.205	14.721	100 year +45% CC 1440 minute summer	21.798	5.842
100 year +45% CC 360 minute winter	37.185	14.721	100 year +45% CC 1440 minute winter	14.650	5.842

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S1	10	188.397	0.027	1.4	0.0363	0.0000	OK
15 minute winter	S2	12	187.132	0.093	9.6	0.1371	0.0000	OK
15 minute winter	S3	13	186.309	0.097	13.3	0.1264	0.0000	OK
1440 minute winter	S4	960	185.554	0.176	4.0	0.2087	0.0000	OK
1440 minute winter	S5	960	185.554	0.574	1.0	0.6488	0.0000	SURCHARGED
1440 minute winter	S6	990	184.874	0.029	1.0	0.0333	0.0000	OK
15 minute summer	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S9	13	184.257	0.056	0.8	0.0639	0.0000	OK
15 minute winter	S10	13	184.256	0.072	17.4	0.1104	0.0000	OK
15 minute winter	S11	10	186.457	0.057	3.2	0.0924	0.0000	OK
15 minute winter	S12	12	186.241	0.065	4.2	0.0730	0.0000	OK
15 minute winter	S13	12	186.084	0.050	7.2	0.0714	0.0000	OK
15 minute winter	S14	12	185.341	0.091	10.0	0.1430	0.0000	OK
15 minute winter	S15	12	184.923	0.056	12.3	0.0776	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S1	1.000	J1	1.4	0.546	0.157	0.0208
15 minute winter	S2	1.012	J12	9.6	0.682	0.321	0.0210
15 minute winter	S3	1.019	J18	13.3	1.041	0.435	0.0660
1440 minute winter	S4	1.022	BASIN 1	4.0	0.698	0.024	0.9472
1440 minute winter	S5	1.024	SWALE 1	1.0	0.300	0.019	0.0705
1440 minute winter	S6	1.026	BASIN 2	1.0	0.346	0.019	0.0174
15 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
15 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0510
15 minute winter	S9	1.031	S10	-0.8	-0.164	-0.015	0.0743
15 minute winter	S10	1.032	SWALE 3	17.3	1.055	0.096	0.0752
15 minute winter	S11	32.000	J28	3.1	0.680	0.524	0.0209
15 minute winter	S12	32.003	J30	4.2	0.568	0.317	0.0382
15 minute winter	S13	32.007	J33	7.2	1.445	0.223	0.0646
15 minute winter	S14	32.009	J34	10.0	0.957	0.580	0.0550
15 minute winter	S15	32.013	J37	12.5	1.076	0.135	0.1094

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S16	12	184.610	0.053	13.7	0.0671	0.0000	OK
120 minute winter	S17	80	186.013	0.013	0.2	0.0144	0.0000	OK
15 minute winter	S18	11	185.723	0.062	3.5	0.0875	0.0000	OK
15 minute winter	S19	12	185.570	0.079	6.9	0.1081	0.0000	OK
15 minute winter	S20	11	184.672	0.030	1.1	0.0366	0.0000	OK
15 minute winter	S21	12	184.505	0.046	2.3	0.0550	0.0000	OK
15 minute winter	S22	13	184.361	0.075	4.8	0.0917	0.0000	OK
15 minute winter	S23	14	184.247	0.089	6.5	0.1056	0.0000	OK
30 minute winter	S24	22	184.094	0.117	13.2	0.1693	0.0000	OK
30 minute winter	S25	22	184.030	0.104	13.8	0.1176	0.0000	OK
15 minute winter	S26	11	185.399	0.021	0.9	0.0259	0.0000	OK
30 minute winter	FC1	23	188.500	0.250	1.0	0.3325	0.0000	SURCHARGED
30 minute winter	FC2	23	188.400	0.250	1.0	0.3327	0.0000	SURCHARGED
30 minute winter	FC3	24	188.627	0.427	1.6	0.6196	0.0000	SURCHARGED
30 minute winter	FC4	23	188.403	0.203	0.8	0.2623	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S16	32.015	J38	13.7	1.000	0.093	0.0325
120 minute winter	S17	23.001	J20	0.2	0.293	0.035	0.0062
15 minute winter	S18	23.006	J24	3.5	0.524	0.255	0.0123
15 minute winter	S19	23.010	J27	6.9	0.551	0.230	0.1120
15 minute winter	S20	48.001	J41	1.1	0.551	0.178	0.0090
15 minute winter	S21	48.004	J43	2.3	0.681	0.392	0.0174
15 minute winter	S22	48.008	J46	4.8	0.547	0.355	0.0213
15 minute winter	S23	48.011	J48	6.4	0.468	0.209	0.0160
30 minute winter	S24	48.018	J56	13.2	0.538	0.247	0.1046
30 minute winter	S25	48.021	BASIN 4	13.8	0.707	0.250	0.0623
15 minute winter	S26	65.001	J54	0.8	0.695	0.096	0.0103
30 minute winter	FC1	2.000	J1	0.5	0.436	0.078	0.0092
30 minute winter	FC2	3.000	J2	0.5	0.274	0.082	0.0129
30 minute winter	FC3	4.000	J3	0.6	0.516	0.101	0.0117
30 minute winter	FC4	5.000	J4	0.4	0.519	0.058	0.0062

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC5	23	188.250	0.250	1.0	0.3331	0.0000	SURCHARGED
30 minute winter	FC6	23	188.053	0.203	0.8	0.2618	0.0000	SURCHARGED
30 minute winter	FC7	23	187.953	0.203	0.8	0.2626	0.0000	SURCHARGED
30 minute winter	FC8	23	187.998	0.248	1.0	0.3306	0.0000	SURCHARGED
30 minute winter	FC9	23	187.674	0.204	0.8	0.2635	0.0000	SURCHARGED
30 minute winter	FC10	23	187.844	0.374	1.4	0.5276	0.0000	SURCHARGED
15 minute winter	FC11	14	187.552	0.232	1.2	0.3036	0.0000	SURCHARGED
15 minute winter	FC12	14	187.462	0.232	1.2	0.3037	0.0000	SURCHARGED
30 minute winter	FC13	23	187.250	0.250	1.0	0.3329	0.0000	SURCHARGED
120 minute winter	FC14	82	186.956	0.056	0.5	0.7175	0.0000	OK
30 minute winter	FC15	23	187.401	0.201	0.8	0.2600	0.0000	SURCHARGED
30 minute winter	FC16	23	187.104	0.204	0.8	0.2631	0.0000	SURCHARGED
30 minute winter	FC17	23	187.202	0.202	0.8	0.2606	0.0000	SURCHARGED
30 minute winter	FC18	23	186.754	0.204	0.8	0.2636	0.0000	SURCHARGED
30 minute winter	FC19	23	186.650	0.250	1.0	0.3330	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC5	6.000	J5	0.5	0.447	0.082	0.0045
30 minute winter	FC6	7.000	J6	0.4	0.572	0.050	0.0056
30 minute winter	FC7	8.000	J7	0.4	0.496	0.061	0.0064
30 minute winter	FC8	9.000	J8	0.5	0.633	0.050	0.0032
30 minute winter	FC9	10.000	J9	0.4	0.437	0.073	0.0072
30 minute winter	FC10	11.000	J10	0.6	0.517	0.091	0.0072
15 minute winter	FC11	12.000	J11	0.5	0.444	0.079	0.0081
15 minute winter	FC12	13.000	S2	0.5	0.444	0.079	0.0072
30 minute winter	FC13	14.000	J12	0.5	0.451	0.082	0.0074
120 minute winter	FC14	15.000	J13	0.2	0.354	0.035	0.0045
30 minute winter	FC15	16.000	J14	0.4	0.927	0.025	0.0022
30 minute winter	FC16	17.000	J15	0.4	0.465	0.067	0.0071
30 minute winter	FC17	18.000	J16	0.4	0.738	0.035	0.0029
30 minute winter	FC18	19.000	J17	0.4	0.435	0.074	0.0070
30 minute winter	FC19	20.000	S3	0.5	0.448	0.082	0.0071

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC20	23	187.197	0.247	1.0	0.3292	0.0000	SURCHARGED
30 minute winter	FC21	23	186.550	0.250	1.0	0.3329	0.0000	SURCHARGED
120 minute winter	FC22	78	186.502	0.052	0.4	0.5053	0.0000	OK
30 minute winter	FC23	23	186.504	0.204	0.8	0.2634	0.0000	SURCHARGED
30 minute winter	FC24	23	186.549	0.249	1.0	0.3318	0.0000	SURCHARGED
30 minute winter	FC25	23	186.797	0.247	1.0	0.3292	0.0000	SURCHARGED
120 minute winter	FC26	78	186.501	0.051	0.4	0.5143	0.0000	OK
30 minute winter	FC27	23	186.701	0.201	0.8	0.2600	0.0000	SURCHARGED
30 minute winter	FC28	23	186.747	0.247	1.0	0.3292	0.0000	SURCHARGED
15 minute winter	FC29	14	186.777	0.277	1.4	0.3736	0.0000	SURCHARGED
30 minute winter	FC30	23	186.998	0.247	1.0	0.3294	0.0000	SURCHARGED
30 minute winter	FC31	23	186.653	0.203	0.8	0.2615	0.0000	SURCHARGED
30 minute winter	FC32	23	186.652	0.202	0.8	0.2605	0.0000	SURCHARGED
30 minute winter	FC33	23	186.698	0.248	1.0	0.3295	0.0000	SURCHARGED
30 minute winter	FC34	23	186.700	0.250	1.0	0.3328	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC20	21.000	J18	0.5	0.903	0.030	0.0023
30 minute winter	FC21	22.000	J19	0.5	0.450	0.082	0.0082
120 minute winter	FC22	23.000	S17	0.2	0.499	0.011	0.0020
30 minute winter	FC23	24.000	J20	0.4	0.453	0.069	0.0044
30 minute winter	FC24	25.000	J21	0.5	0.525	0.065	0.0043
30 minute winter	FC25	26.000	J22	0.5	0.896	0.031	0.0026
120 minute winter	FC26	27.000	J23	0.2	0.611	0.015	0.0015
30 minute winter	FC27	28.000	J24	0.4	0.957	0.024	0.0021
30 minute winter	FC28	29.000	J25	0.5	0.901	0.031	0.0024
15 minute winter	FC29	30.000	J26	0.5	0.892	0.034	0.0027
30 minute winter	FC30	31.000	J27	0.5	0.842	0.034	0.0026
30 minute winter	FC31	33.000	J28	0.4	0.392	0.048	0.0099
30 minute winter	FC32	34.000	J29	0.4	0.303	0.035	0.0107
30 minute winter	FC33	35.000	S12	0.5	0.828	0.034	0.0024
30 minute winter	FC34	36.000	J30	0.5	0.461	0.078	0.0050

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC35	23	186.698	0.247	1.0	0.3294	0.0000	SURCHARGED
15 minute winter	FC36	14	186.727	0.276	1.4	0.3735	0.0000	SURCHARGED
30 minute winter	FC37	23	186.143	0.343	1.3	0.4773	0.0000	SURCHARGED
120 minute winter	FC38	84	185.496	0.046	0.4	0.5556	0.0000	OK
30 minute winter	FC39	23	185.652	0.202	0.8	0.2603	0.0000	SURCHARGED
30 minute winter	FC40	23	185.747	0.247	1.0	0.3289	0.0000	SURCHARGED
30 minute winter	FC41	23	185.098	0.248	1.0	0.3303	0.0000	SURCHARGED
30 minute winter	FC42	23	184.849	0.249	1.0	0.3311	0.0000	SURCHARGED
30 minute winter	FC43	23	184.848	0.248	1.0	0.3302	0.0000	SURCHARGED
15 minute winter	FC44	11	184.621	0.021	1.0	0.0271	0.0000	OK
15 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC46	23	185.074	0.374	1.4	0.5281	0.0000	SURCHARGED
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC48	23	185.048	0.247	1.0	0.3294	0.0000	SURCHARGED
30 minute winter	FC49	23	185.050	0.250	1.0	0.3331	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC35	37.000	J31	0.5	0.833	0.034	0.0031
15 minute winter	FC36	38.000	J32	0.5	0.906	0.033	0.0040
30 minute winter	FC37	39.000	J33	0.6	0.627	0.065	0.0060
120 minute winter	FC38	40.000	J34	0.2	0.576	0.015	0.0016
30 minute winter	FC39	41.000	J35	0.4	0.814	0.030	0.0024
30 minute winter	FC40	42.000	J36	0.5	1.026	0.026	0.0024
30 minute winter	FC41	43.000	J37	0.5	0.671	0.046	0.0037
30 minute winter	FC42	44.000	J38	0.5	0.584	0.056	0.0041
30 minute winter	FC43	45.000	J39	0.5	0.683	0.045	0.0031
15 minute winter	FC44	46.000	J40	1.0	0.861	0.089	0.0051
15 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
30 minute winter	FC46	48.000	S20	0.6	0.443	0.101	0.0091
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0050
30 minute winter	FC48	50.000	J42	0.5	0.596	0.035	0.0073
30 minute winter	FC49	51.000	S21	0.5	0.447	0.082	0.0047

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC50	23	185.050	0.250	1.0	0.3330	0.0000	SURCHARGED
30 minute winter	FC51	23	185.100	0.250	1.0	0.3330	0.0000	SURCHARGED
30 minute winter	FC52	23	185.564	0.314	1.2	0.4304	0.0000	SURCHARGED
30 minute winter	FC53	23	185.499	0.249	1.0	0.3308	0.0000	SURCHARGED
30 minute winter	FC54	23	185.452	0.202	0.8	0.2611	0.0000	SURCHARGED
30 minute winter	FC55	23	185.452	0.202	0.8	0.2602	0.0000	SURCHARGED
30 minute winter	FC56	23	185.597	0.247	1.0	0.3292	0.0000	SURCHARGED
30 minute winter	FC57	23	185.598	0.247	1.0	0.3294	0.0000	SURCHARGED
30 minute winter	FC58	23	185.552	0.202	0.8	0.2604	0.0000	SURCHARGED
30 minute winter	FC59	23	185.552	0.202	0.8	0.2607	0.0000	SURCHARGED
30 minute winter	FC60	23	185.598	0.248	1.0	0.3299	0.0000	SURCHARGED
30 minute winter	FC61	23	185.549	0.249	1.0	0.3310	0.0000	SURCHARGED
30 minute winter	FC62	24	185.659	0.409	1.5	0.5846	0.0000	SURCHARGED
30 minute winter	FC63	23	185.605	0.204	0.8	0.2640	0.0000	SURCHARGED
30 minute winter	FC64	23	185.250	0.250	1.0	0.3328	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC50	52.000	J43	0.5	0.447	0.082	0.0051
30 minute winter	FC51	55.000	S22	0.5	0.449	0.082	0.0066
30 minute winter	FC52	58.000	S23	0.6	0.676	0.055	0.0044
30 minute winter	FC53	61.000	J50	0.5	0.614	0.052	0.0034
30 minute winter	FC54	62.000	J51	0.4	0.660	0.041	0.0026
30 minute winter	FC55	64.000	J53	0.4	0.832	0.029	0.0022
30 minute winter	FC56	53.000	J44	0.5	0.885	0.032	0.0036
30 minute winter	FC57	54.000	J45	0.5	0.831	0.035	0.0038
30 minute winter	FC58	56.000	J46	0.4	0.774	0.033	0.0035
30 minute winter	FC59	57.000	J47	0.4	0.719	0.037	0.0039
30 minute winter	FC60	59.000	J48	0.5	0.733	0.041	0.0044
30 minute winter	FC61	60.000	J49	0.5	0.588	0.056	0.0061
30 minute winter	FC62	63.000	J52	0.6	0.584	0.082	0.0101
30 minute winter	FC63	65.000	S26	0.4	0.442	0.074	0.0026
30 minute winter	FC64	66.000	J54	0.5	0.319	0.082	0.0036

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC65	23	185.397	0.247	1.0	0.3289	0.0000	SURCHARGED
30 minute winter	FC66	23	185.250	0.250	1.0	0.3322	0.0000	SURCHARGED
120 minute winter	FC67	84	184.851	0.051	0.4	0.5256	0.0000	OK
30 minute winter	FC68	23	184.753	0.203	0.8	0.2619	0.0000	SURCHARGED
15 minute winter	J1	11	188.245	0.045	3.1	0.0608	0.0000	OK
15 minute winter	J2	11	188.170	0.064	3.5	0.0720	0.0000	OK
15 minute winter	J3	12	188.103	0.056	4.0	0.0639	0.0000	OK
15 minute winter	J4	12	188.075	0.040	4.4	0.0455	0.0000	OK
15 minute winter	J5	12	187.946	0.036	4.8	0.0407	0.0000	OK
15 minute winter	J6	12	187.704	0.054	5.2	0.0610	0.0000	OK
15 minute winter	J7	13	187.667	0.067	5.6	0.0755	0.0000	OK
15 minute winter	J8	13	187.641	0.048	6.1	0.0545	0.0000	OK
15 minute winter	J9	13	187.342	0.067	6.5	0.0754	0.0000	OK
15 minute winter	J10	13	187.309	0.038	7.1	0.0435	0.0000	OK
15 minute winter	J11	13	187.176	0.055	7.5	0.0626	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC65	67.000	J55	0.5	0.696	0.026	0.0035
30 minute winter	FC66	68.000	S24	0.5	0.502	0.067	0.0021
120 minute winter	FC67	69.000	J56	0.2	0.339	0.033	0.0012
30 minute winter	FC68	70.000	J57	0.4	0.573	0.049	0.0017
15 minute winter	J1	1.001	J2	3.1	0.719	0.370	0.0218
15 minute winter	J2	1.002	J3	3.4	0.715	0.583	0.0050
15 minute winter	J3	1.003	J4	4.0	0.810	0.299	0.0096
15 minute winter	J4	1.004	J5	4.4	1.243	0.130	0.0124
15 minute winter	J5	1.005	J6	4.8	1.087	0.126	0.0254
15 minute winter	J6	1.006	J7	5.2	0.785	0.183	0.0130
15 minute winter	J7	1.007	J8	5.6	0.902	0.400	0.0070
15 minute winter	J8	1.008	J9	6.1	1.293	0.201	0.0397
15 minute winter	J9	1.009	J10	6.5	0.923	0.195	0.0086
15 minute winter	J10	1.010	J11	7.1	1.196	0.055	0.0147
15 minute winter	J11	1.011	S2	7.5	0.664	0.116	0.0615

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J12	12	186.871	0.062	10.0	0.0706	0.0000	OK
15 minute winter	J13	13	186.811	0.109	10.1	0.1235	0.0000	OK
15 minute winter	J14	13	186.799	0.104	10.6	0.1172	0.0000	OK
15 minute winter	J15	13	186.781	0.093	11.0	0.1052	0.0000	OK
15 minute winter	J16	13	186.746	0.076	11.4	0.0861	0.0000	OK
15 minute winter	J17	13	186.409	0.051	11.8	0.0577	0.0000	OK
15 minute winter	J18	13	186.258	0.064	13.8	0.0725	0.0000	OK
15 minute winter	J19	13	186.133	0.106	14.2	0.1196	0.0000	OK
30 minute winter	J20	24	185.953	0.022	0.6	0.0252	0.0000	OK
30 minute winter	J21	24	185.924	0.029	1.1	0.0331	0.0000	OK
30 minute winter	J22	25	185.856	0.038	1.6	0.0431	0.0000	OK
30 minute winter	J23	25	185.822	0.039	1.8	0.0443	0.0000	OK
15 minute winter	J24	12	185.710	0.060	3.9	0.0678	0.0000	OK
15 minute winter	J25	12	185.680	0.065	4.3	0.0740	0.0000	OK
15 minute winter	J26	12	185.655	0.068	4.8	0.0766	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J12	1.013	J13	10.0	0.729	0.149	0.0903
15 minute winter	J13	1.014	J14	10.2	0.553	0.324	0.0350
15 minute winter	J14	1.015	J15	10.6	0.637	0.340	0.0319
15 minute winter	J15	1.016	J16	11.0	0.809	0.360	0.0699
15 minute winter	J16	1.017	J17	11.4	1.064	0.190	0.0361
15 minute winter	J17	1.018	S3	11.8	1.049	0.081	0.0218
15 minute winter	J18	1.020	J19	13.8	1.758	0.106	0.0117
15 minute winter	J19	1.021	S4	14.2	0.712	0.257	0.0878
30 minute winter	J20	23.002	J21	0.6	0.388	0.105	0.0060
30 minute winter	J21	23.003	J22	1.1	0.476	0.186	0.0186
30 minute winter	J22	23.004	J23	1.6	0.571	0.267	0.0100
30 minute winter	J23	23.005	S18	1.8	0.644	0.301	0.0207
15 minute winter	J24	23.007	J25	3.8	0.558	0.289	0.0431
15 minute winter	J25	23.008	J26	4.3	0.571	0.324	0.0375
15 minute winter	J26	23.009	S19	4.8	0.654	0.357	0.0269

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J27	960	185.554	0.093	1.3	0.1048	0.0000	OK
15 minute winter	J28	11	186.414	0.058	3.4	0.0656	0.0000	OK
15 minute winter	J29	11	186.334	0.063	3.8	0.0716	0.0000	OK
15 minute winter	J30	12	186.215	0.068	4.7	0.0771	0.0000	OK
15 minute winter	J31	12	186.187	0.068	5.1	0.0770	0.0000	OK
15 minute winter	J32	13	186.133	0.069	5.6	0.0783	0.0000	OK
15 minute winter	J33	12	185.657	0.047	7.7	0.0536	0.0000	OK
15 minute winter	J34	12	185.206	0.081	10.2	0.0920	0.0000	OK
15 minute winter	J35	12	185.128	0.053	10.6	0.0603	0.0000	OK
15 minute winter	J36	12	184.964	0.089	11.1	0.1007	0.0000	OK
15 minute winter	J37	12	184.670	0.095	12.9	0.1069	0.0000	OK
15 minute winter	J38	12	184.493	0.118	14.1	0.1332	0.0000	OK
15 minute winter	J39	13	184.454	0.116	14.5	0.1308	0.0000	OK
15 minute winter	J40	13	184.425	0.100	15.2	0.1125	0.0000	OK
15 minute winter	J41	12	184.627	0.029	1.1	0.0333	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J27	23.011	S4	1.3	0.397	0.044	0.0389
15 minute winter	J28	32.001	J29	3.5	0.702	0.584	0.0438
15 minute winter	J29	32.002	S12	3.8	0.763	0.638	0.0231
15 minute winter	J30	32.004	J31	4.7	0.599	0.351	0.0387
15 minute winter	J31	32.005	J32	5.1	0.647	0.381	0.0764
15 minute winter	J32	32.006	S13	5.6	0.870	0.421	0.0345
15 minute winter	J33	32.008	S14	7.7	0.990	0.216	0.0725
15 minute winter	J34	32.010	J35	10.2	1.022	0.264	0.0907
15 minute winter	J35	32.011	J36	10.6	0.985	0.119	0.0748
15 minute winter	J36	32.012	S15	10.8	1.003	0.360	0.0263
15 minute winter	J37	32.014	S16	12.9	1.142	0.424	0.0595
15 minute winter	J38	32.016	J39	14.1	0.678	0.466	0.2242
15 minute winter	J39	32.017	J40	14.5	0.776	0.472	0.0685
15 minute winter	J40	32.018	S10	15.3	0.952	0.355	0.1538
15 minute winter	J41	48.002	J42	1.1	0.498	0.179	0.0134

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J42	13	184.572	0.035	1.5	0.0391	0.0000	OK
15 minute winter	J43	13	184.414	0.054	2.8	0.0606	0.0000	OK
15 minute winter	J44	13	184.401	0.051	3.3	0.0578	0.0000	OK
15 minute winter	J45	13	184.369	0.069	3.7	0.0783	0.0000	OK
15 minute winter	J46	13	184.346	0.074	5.2	0.0841	0.0000	OK
15 minute winter	J47	14	184.324	0.076	5.6	0.0854	0.0000	OK
15 minute winter	J48	14	184.239	0.085	6.9	0.0966	0.0000	OK
15 minute winter	J49	14	184.227	0.098	7.4	0.1107	0.0000	OK
15 minute winter	J50	15	184.219	0.094	7.8	0.1066	0.0000	OK
15 minute winter	J51	15	184.207	0.099	8.2	0.1123	0.0000	OK
30 minute winter	J52	23	184.197	0.093	8.8	0.1054	0.0000	OK
30 minute winter	J53	23	184.176	0.089	9.3	0.1009	0.0000	OK
15 minute winter	J54	12	185.013	0.034	1.3	0.0383	0.0000	OK
15 minute winter	J55	13	184.983	0.039	1.7	0.0436	0.0000	OK
30 minute winter	J56	22	184.079	0.112	13.4	0.1267	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J42	48.003	S21	1.5	0.511	0.256	0.0242
15 minute winter	J43	48.005	J44	2.8	0.510	0.199	0.0088
15 minute winter	J44	48.006	J45	3.3	0.493	0.244	0.0580
15 minute winter	J45	48.007	S22	3.7	0.455	0.276	0.0199
15 minute winter	J46	48.009	J47	5.2	0.589	0.387	0.0370
15 minute winter	J47	48.010	S23	5.6	0.676	0.419	0.0218
15 minute winter	J48	48.012	J49	6.9	0.468	0.231	0.1131
15 minute winter	J49	48.013	J50	7.4	0.461	0.240	0.0183
15 minute winter	J50	48.014	J51	7.8	0.482	0.261	0.0828
15 minute winter	J51	48.015	J52	8.2	0.510	0.268	0.0184
30 minute winter	J52	48.016	J53	8.8	0.586	0.290	0.0735
30 minute winter	J53	48.017	S24	9.3	0.688	0.307	0.1383
15 minute winter	J54	65.002	J55	1.3	0.501	0.214	0.0092
15 minute winter	J55	65.003	S24	1.7	0.638	0.293	0.0213
30 minute winter	J56	48.019	J57	13.4	0.561	0.247	0.2170

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Results for 2 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J57	22	184.056	0.111	13.8	0.1260	0.0000	OK
1440 minute winter	BASIN 1	960	185.554	0.554	4.0	67.1563	0.0000	SURCHARGED
1440 minute winter	BASIN 2	1680	184.806	0.506	1.0	50.3628	0.0000	OK
1440 minute winter	BASIN 3	1110	183.175	0.075	2.4	52.0846	0.0000	OK
1440 minute winter	BASIN 4	1020	183.721	0.391	2.6	52.5598	0.0000	SURCHARGED
1440 minute winter	SWALE 1	990	184.961	0.029	1.0	0.0326	0.0000	OK
15 minute summer	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
15 minute winter	SWALE 3	13	184.173	0.103	17.3	0.1168	0.0000	OK
1440 minute winter	BH1	1680	184.806	0.729	0.4	2.9145	0.0000	OK
1440 minute winter	BH2	1110	183.175	0.123	0.7	2.2163	0.0000	OK
1440 minute winter	BH3	1020	183.721	0.415	1.1	3.5410	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J57	48.020	S25	13.8	0.608	0.256	0.1799
1440 minute winter	BASIN 1	1.023	S5	1.0	0.094	0.020	0.6013
1440 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
1440 minute winter	BASIN 2	71.000	BH1	0.4	0.345	0.069	0.1829
1440 minute winter	BASIN 3	1.034	BH2	0.7	0.199	0.008	0.6339
1440 minute winter	BASIN 4	48.022	BH3	1.1	0.195	0.020	0.7181
1440 minute winter	SWALE 1	1.025	S6	1.0	0.298	0.020	0.1318
15 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
15 minute winter	SWALE 3	1.033	BASIN 3	17.0	0.820	0.245	0.8999
1440 minute winter	BH1	Infiltration		0.1			
1440 minute winter	BH2	Infiltration		0.2			
1440 minute winter	BH3	Infiltration		0.2			

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S1	10	188.414	0.044	3.5	0.0592	0.0000	OK
15 minute winter	S2	12	187.176	0.137	19.3	0.2013	0.0000	OK
15 minute winter	S3	12	186.356	0.144	26.8	0.1866	0.0000	OK
720 minute winter	S4	660	186.059	0.681	10.5	0.8095	0.0000	SURCHARGED
720 minute winter	S5	660	186.059	1.079	1.4	1.2207	0.0000	SURCHARGED
720 minute winter	S6	660	184.878	0.034	1.4	0.0388	0.0000	OK
1440 minute winter	S7	1440	184.798	0.019	1.2	0.0216	0.0000	OK
1440 minute winter	S8	1470	184.410	0.020	1.2	0.0227	0.0000	OK
15 minute winter	S9	12	184.310	0.110	1.3	0.1247	0.0000	OK
15 minute winter	S10	12	184.310	0.126	39.4	0.1923	0.0000	OK
15 minute winter	S11	12	186.604	0.204	7.9	0.3324	0.0000	SURCHARGED
15 minute winter	S12	13	186.276	0.100	8.1	0.1135	0.0000	OK
15 minute winter	S13	12	186.108	0.073	13.9	0.1046	0.0000	OK
15 minute winter	S14	11	185.449	0.199	21.4	0.3129	0.0000	SURCHARGED
15 minute winter	S15	11	184.954	0.087	26.9	0.1220	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S1	1.000	J1	3.5	0.664	0.396	0.0453
15 minute winter	S2	1.012	J12	19.3	0.846	0.648	0.0341
15 minute winter	S3	1.019	J18	26.7	1.231	0.874	0.1112
720 minute winter	S4	1.022	BASIN 1	10.3	0.856	0.062	1.1778
720 minute winter	S5	1.024	SWALE 1	1.4	0.330	0.027	0.0888
720 minute winter	S6	1.026	BASIN 2	1.4	0.375	0.026	0.0221
1440 minute winter	S7	1.028	SWALE 2	1.2	0.420	0.008	0.0503
1440 minute winter	S8	1.030	S9	1.2	0.436	0.009	0.0345
15 minute winter	S9	1.031	S10	-1.3	-0.202	-0.024	0.1722
15 minute winter	S10	1.032	SWALE 3	39.3	1.200	0.218	0.1480
15 minute winter	S11	32.000	J28	6.8	0.871	1.146	0.0355
15 minute winter	S12	32.003	J30	8.1	0.630	0.603	0.0652
15 minute winter	S13	32.007	J33	13.9	1.717	0.432	0.1056
15 minute winter	S14	32.009	J34	21.2	1.208	1.225	0.0892
15 minute winter	S15	32.013	J37	26.9	1.305	0.291	0.1921

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S16	11	184.651	0.094	29.8	0.1185	0.0000	OK
720 minute winter	S17	675	186.061	0.061	0.2	0.0693	0.0000	OK
720 minute winter	S18	675	186.061	0.400	1.8	0.5657	0.0000	SURCHARGED
720 minute winter	S19	675	186.061	0.570	3.1	0.7812	0.0000	SURCHARGED
15 minute winter	S20	11	184.688	0.046	2.3	0.0565	0.0000	OK
15 minute winter	S21	12	184.534	0.075	4.8	0.0891	0.0000	OK
15 minute winter	S22	12	184.408	0.122	9.6	0.1496	0.0000	OK
15 minute winter	S23	13	184.298	0.140	12.7	0.1652	0.0000	OK
15 minute winter	S24	12	184.156	0.179	27.5	0.2603	0.0000	OK
1440 minute winter	S25	1170	184.144	0.218	4.8	0.2463	0.0000	OK
15 minute winter	S26	11	185.409	0.032	1.8	0.0387	0.0000	OK
30 minute winter	FC1	25	188.889	0.639	2.5	1.0825	0.0000	SURCHARGED
30 minute winter	FC2	25	188.789	0.639	2.5	1.0959	0.0000	SURCHARGED
30 minute winter	FC3	28	188.864	0.664	3.9	2.0333	0.0000	SURCHARGED
30 minute winter	FC4	24	188.819	0.618	2.0	0.7985	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S16	32.015	J38	29.8	1.078	0.203	0.0619
720 minute winter	S17	23.001	J20	0.2	0.279	0.033	0.0460
720 minute winter	S18	23.006	J24	1.8	0.450	0.129	0.0323
720 minute winter	S19	23.010	J27	3.1	0.431	0.103	0.3541
15 minute winter	S20	48.001	J41	2.3	0.658	0.386	0.0163
15 minute winter	S21	48.004	J43	4.8	0.800	0.813	0.0306
15 minute winter	S22	48.008	J46	9.5	0.629	0.708	0.0369
15 minute winter	S23	48.011	J48	12.6	0.527	0.408	0.0285
15 minute winter	S24	48.018	J56	27.3	0.641	0.510	0.1810
1440 minute winter	S25	48.021	BASIN 4	4.8	0.527	0.087	0.1783
15 minute winter	S26	65.001	J54	1.8	0.861	0.208	0.0180
30 minute winter	FC1	2.000	J1	0.8	0.564	0.128	0.0181
30 minute winter	FC2	3.000	J2	1.0	0.352	0.171	0.0308
30 minute winter	FC3	4.000	J3	0.8	0.550	0.127	0.0160
30 minute winter	FC4	5.000	J4	0.8	0.614	0.103	0.0093

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC5	25	188.637	0.637	2.5	1.0840	0.0000	SURCHARGED
30 minute winter	FC6	24	188.468	0.618	2.0	0.7976	0.0000	SURCHARGED
30 minute winter	FC7	24	188.369	0.619	2.0	0.7987	0.0000	SURCHARGED
30 minute winter	FC8	25	188.388	0.638	2.5	1.0802	0.0000	SURCHARGED
30 minute winter	FC9	24	188.089	0.619	2.0	0.8001	0.0000	SURCHARGED
30 minute winter	FC10	26	188.128	0.658	3.4	1.6885	0.0000	SURCHARGED
30 minute winter	FC11	24	187.949	0.629	2.2	0.9317	0.0000	SURCHARGED
30 minute winter	FC12	24	187.859	0.629	2.2	0.9317	0.0000	SURCHARGED
30 minute winter	FC13	25	187.640	0.639	2.5	1.0833	0.0000	SURCHARGED
60 minute winter	FC14	49	187.037	0.137	1.7	1.7555	0.0000	SURCHARGED
30 minute winter	FC15	24	187.816	0.616	2.0	0.7950	0.0000	SURCHARGED
30 minute winter	FC16	24	187.519	0.619	2.0	0.7995	0.0000	SURCHARGED
30 minute winter	FC17	24	187.617	0.617	2.0	0.7961	0.0000	SURCHARGED
30 minute winter	FC18	24	187.169	0.619	2.0	0.8001	0.0000	SURCHARGED
30 minute winter	FC19	25	187.040	0.640	2.5	1.0834	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC5	6.000	J5	0.8	0.511	0.133	0.0064
30 minute winter	FC6	7.000	J6	0.8	0.674	0.090	0.0121
30 minute winter	FC7	8.000	J7	0.8	0.571	0.110	0.0169
30 minute winter	FC8	9.000	J8	0.8	0.727	0.082	0.0046
30 minute winter	FC9	10.000	J9	0.8	0.516	0.131	0.0109
30 minute winter	FC10	11.000	J10	0.8	0.561	0.121	0.0089
30 minute winter	FC11	12.000	J11	0.8	0.515	0.133	0.0118
30 minute winter	FC12	13.000	S2	0.8	0.515	0.133	0.0105
30 minute winter	FC13	14.000	J12	0.8	0.517	0.134	0.0105
60 minute winter	FC14	15.000	J13	0.4	0.411	0.059	0.0074
30 minute winter	FC15	16.000	J14	0.8	1.096	0.045	0.0056
30 minute winter	FC16	17.000	J15	0.8	0.549	0.121	0.0108
30 minute winter	FC17	18.000	J16	0.8	0.871	0.062	0.0043
30 minute winter	FC18	19.000	J17	0.8	0.513	0.132	0.0106
30 minute winter	FC19	20.000	S3	0.8	0.515	0.134	0.0102

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC20	25	187.587	0.637	2.5	1.0779	0.0000	SURCHARGED
30 minute winter	FC21	25	186.938	0.638	2.5	1.0835	0.0000	SURCHARGED
60 minute winter	FC22	48	186.579	0.129	1.3	1.2581	0.0000	SURCHARGED
30 minute winter	FC23	24	186.919	0.619	2.0	0.7998	0.0000	SURCHARGED
30 minute winter	FC24	25	186.938	0.638	2.5	1.0816	0.0000	SURCHARGED
30 minute winter	FC25	25	187.188	0.638	2.5	1.0779	0.0000	SURCHARGED
60 minute winter	FC26	48	186.576	0.125	1.3	1.2687	0.0000	SURCHARGED
30 minute winter	FC27	24	187.116	0.616	2.0	0.7950	0.0000	SURCHARGED
30 minute winter	FC28	25	187.137	0.637	2.5	1.0780	0.0000	SURCHARGED
30 minute winter	FC29	25	187.144	0.644	2.7	1.2271	0.0000	SURCHARGED
30 minute winter	FC30	25	187.387	0.637	2.5	1.0780	0.0000	SURCHARGED
30 minute winter	FC31	24	187.069	0.619	2.0	0.8005	0.0000	SURCHARGED
30 minute winter	FC32	24	187.067	0.617	2.0	0.7959	0.0000	SURCHARGED
30 minute winter	FC33	25	187.089	0.639	2.5	1.0777	0.0000	SURCHARGED
30 minute winter	FC34	25	187.089	0.639	2.5	1.0831	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC20	21.000	J18	0.8	1.042	0.050	0.0033
30 minute winter	FC21	22.000	J19	0.8	0.516	0.134	0.0117
60 minute winter	FC22	23.000	S17	0.3	0.585	0.019	0.0029
30 minute winter	FC23	24.000	J20	0.8	0.534	0.124	0.0067
30 minute winter	FC24	25.000	J21	0.8	0.603	0.107	0.0061
30 minute winter	FC25	26.000	J22	0.8	1.034	0.050	0.0037
60 minute winter	FC26	27.000	J23	0.3	0.712	0.026	0.0022
30 minute winter	FC27	28.000	J24	0.8	1.133	0.043	0.0031
30 minute winter	FC28	29.000	J25	0.8	1.039	0.050	0.0033
30 minute winter	FC29	30.000	J26	0.8	1.012	0.052	0.0037
30 minute winter	FC30	31.000	J27	0.8	0.969	0.055	0.0036
30 minute winter	FC31	33.000	J28	1.1	0.537	0.117	0.0236
30 minute winter	FC32	34.000	J29	0.8	0.410	0.062	0.0181
30 minute winter	FC33	35.000	S12	0.8	0.952	0.056	0.0087
30 minute winter	FC34	36.000	J30	0.8	0.529	0.128	0.0071

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC35	25	187.087	0.637	2.5	1.0779	0.0000	SURCHARGED
30 minute winter	FC36	25	187.092	0.642	2.7	1.2271	0.0000	SURCHARGED
30 minute winter	FC37	26	186.455	0.655	3.2	1.5323	0.0000	SURCHARGED
60 minute winter	FC38	48	185.559	0.109	1.3	1.3123	0.0000	SURCHARGED
30 minute winter	FC39	24	186.066	0.616	2.0	0.7957	0.0000	SURCHARGED
30 minute winter	FC40	25	186.093	0.593	2.5	1.0882	0.0000	SURCHARGED
30 minute winter	FC41	25	185.486	0.636	2.5	1.0796	0.0000	SURCHARGED
30 minute winter	FC42	25	185.236	0.636	2.5	1.0807	0.0000	SURCHARGED
30 minute winter	FC43	25	185.224	0.624	2.5	1.0819	0.0000	SURCHARGED
15 minute winter	FC44	10	184.634	0.034	2.5	0.0441	0.0000	OK
15 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC46	26	185.358	0.658	3.4	1.6886	0.0000	SURCHARGED
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC48	25	185.438	0.638	2.5	1.0779	0.0000	SURCHARGED
30 minute winter	FC49	25	185.438	0.638	2.5	1.0837	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC35	37.000	J31	0.8	0.957	0.056	0.0117
30 minute winter	FC36	38.000	J32	0.8	1.030	0.051	0.0107
30 minute winter	FC37	39.000	J33	0.8	0.690	0.091	0.0077
60 minute winter	FC38	40.000	J34	0.3	0.669	0.025	0.0022
30 minute winter	FC39	41.000	J35	0.8	0.962	0.054	0.0036
30 minute winter	FC40	42.000	J36	0.8	1.171	0.040	0.0033
30 minute winter	FC41	43.000	J37	0.8	0.771	0.076	0.0052
30 minute winter	FC42	44.000	J38	0.8	0.671	0.092	0.0164
30 minute winter	FC43	45.000	J39	0.8	0.782	0.073	0.0118
15 minute winter	FC44	46.000	J40	2.5	1.098	0.220	0.0108
15 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
30 minute winter	FC46	48.000	S20	0.8	0.504	0.135	0.0140
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0088
30 minute winter	FC48	50.000	J42	0.8	0.679	0.057	0.0113
30 minute winter	FC49	51.000	S21	0.8	0.512	0.134	0.0067

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC50	25	185.438	0.638	2.5	1.0837	0.0000	SURCHARGED
30 minute winter	FC51	25	185.486	0.636	2.5	1.0841	0.0000	SURCHARGED
30 minute winter	FC52	26	185.896	0.646	2.9	1.3679	0.0000	SURCHARGED
30 minute winter	FC53	25	185.888	0.638	2.5	1.0803	0.0000	SURCHARGED
30 minute winter	FC54	24	185.867	0.617	2.0	0.7968	0.0000	SURCHARGED
30 minute winter	FC55	24	185.866	0.616	2.0	0.7956	0.0000	SURCHARGED
30 minute winter	FC56	25	185.987	0.637	2.5	1.0780	0.0000	SURCHARGED
30 minute winter	FC57	25	185.988	0.638	2.5	1.0780	0.0000	SURCHARGED
30 minute winter	FC58	24	185.967	0.616	2.0	0.7959	0.0000	SURCHARGED
30 minute winter	FC59	24	185.967	0.617	2.0	0.7962	0.0000	SURCHARGED
30 minute winter	FC60	25	185.988	0.638	2.5	1.0788	0.0000	SURCHARGED
30 minute winter	FC61	25	185.938	0.638	2.5	1.0805	0.0000	SURCHARGED
30 minute winter	FC62	27	185.913	0.663	3.7	1.8760	0.0000	SURCHARGED
30 minute winter	FC63	24	186.020	0.619	2.0	0.8007	0.0000	SURCHARGED
30 minute winter	FC64	24	185.773	0.773	2.5	1.0650	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC50	52.000	J43	0.8	0.512	0.134	0.0072
30 minute winter	FC51	55.000	S22	0.8	0.515	0.134	0.0094
30 minute winter	FC52	58.000	S23	0.8	0.752	0.079	0.0058
30 minute winter	FC53	61.000	J50	0.8	0.705	0.085	0.0048
30 minute winter	FC54	62.000	J51	0.8	0.778	0.073	0.0040
30 minute winter	FC55	64.000	J53	0.8	0.984	0.052	0.0033
30 minute winter	FC56	53.000	J44	0.8	1.022	0.051	0.0051
30 minute winter	FC57	54.000	J45	0.8	0.958	0.056	0.0054
30 minute winter	FC58	56.000	J46	0.8	0.916	0.058	0.0053
30 minute winter	FC59	57.000	J47	0.8	0.849	0.065	0.0059
30 minute winter	FC60	59.000	J48	0.8	0.844	0.067	0.0062
30 minute winter	FC61	60.000	J49	0.8	0.677	0.092	0.0087
30 minute winter	FC62	63.000	J52	0.8	0.627	0.106	0.0121
30 minute winter	FC63	65.000	S26	0.8	0.535	0.132	0.0042
30 minute winter	FC64	66.000	J54	0.9	0.368	0.149	0.0063

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC65	25	185.789	0.639	2.5	1.0765	0.0000	SURCHARGED
30 minute winter	FC66	25	185.639	0.639	2.5	1.0825	0.0000	SURCHARGED
60 minute winter	FC67	48	184.924	0.124	1.3	1.2838	0.0000	SURCHARGED
30 minute winter	FC68	24	185.168	0.618	2.0	0.7979	0.0000	SURCHARGED
15 minute winter	J1	12	188.312	0.112	7.2	0.1511	0.0000	SURCHARGED
15 minute winter	J2	12	188.228	0.122	7.4	0.1377	0.0000	SURCHARGED
15 minute winter	J3	12	188.130	0.084	8.2	0.0950	0.0000	OK
15 minute winter	J4	12	188.095	0.060	8.9	0.0682	0.0000	OK
15 minute winter	J5	12	187.962	0.052	9.6	0.0592	0.0000	OK
15 minute winter	J6	13	187.737	0.087	10.3	0.0979	0.0000	OK
15 minute winter	J7	13	187.699	0.099	11.1	0.1114	0.0000	OK
15 minute winter	J8	13	187.664	0.071	11.9	0.0800	0.0000	OK
15 minute winter	J9	13	187.368	0.093	12.6	0.1056	0.0000	OK
15 minute winter	J10	13	187.326	0.056	13.2	0.0636	0.0000	OK
15 minute winter	J11	14	187.204	0.083	14.1	0.0936	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC65	67.000	J55	0.8	0.819	0.043	0.0056
30 minute winter	FC66	68.000	S24	0.8	0.574	0.110	0.0029
60 minute winter	FC67	69.000	J56	0.3	0.393	0.056	0.0018
30 minute winter	FC68	70.000	J57	0.8	0.672	0.087	0.0027
15 minute winter	J1	1.001	J2	6.7	0.863	0.807	0.0393
15 minute winter	J2	1.002	J3	7.4	0.950	1.251	0.0078
15 minute winter	J3	1.003	J4	8.2	0.977	0.616	0.0163
15 minute winter	J4	1.004	J5	8.8	1.466	0.263	0.0213
15 minute winter	J5	1.005	J6	9.6	1.218	0.251	0.0454
15 minute winter	J6	1.006	J7	10.3	0.908	0.364	0.0224
15 minute winter	J7	1.007	J8	11.1	1.081	0.794	0.0115
15 minute winter	J8	1.008	J9	11.8	1.528	0.392	0.0656
15 minute winter	J9	1.009	J10	12.4	1.076	0.372	0.0140
15 minute winter	J10	1.010	J11	13.3	1.321	0.103	0.0256
15 minute winter	J11	1.011	S2	14.1	0.770	0.219	0.1013

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J12	12	186.905	0.096	20.1	0.1089	0.0000	OK
15 minute winter	J13	12	186.869	0.167	20.4	0.1885	0.0000	OK
15 minute winter	J14	12	186.851	0.156	21.0	0.1759	0.0000	OK
15 minute winter	J15	13	186.826	0.138	21.6	0.1560	0.0000	OK
15 minute winter	J16	13	186.783	0.113	22.3	0.1274	0.0000	OK
15 minute winter	J17	13	186.441	0.083	23.1	0.0938	0.0000	OK
15 minute winter	J18	12	186.292	0.098	27.5	0.1111	0.0000	OK
15 minute winter	J19	12	186.180	0.153	28.2	0.1726	0.0000	OK
720 minute winter	J20	675	186.062	0.131	0.4	0.1478	0.0000	SURCHARGED
720 minute winter	J21	675	186.062	0.167	0.7	0.1886	0.0000	SURCHARGED
720 minute winter	J22	675	186.061	0.243	1.0	0.2753	0.0000	SURCHARGED
720 minute winter	J23	675	186.061	0.278	1.2	0.3148	0.0000	SURCHARGED
720 minute winter	J24	675	186.062	0.411	2.0	0.4654	0.0000	SURCHARGED
720 minute winter	J25	675	186.062	0.447	2.3	0.5051	0.0000	SURCHARGED
720 minute winter	J26	675	186.062	0.475	2.6	0.5373	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J12	1.013	J13	20.1	0.842	0.300	0.1544
15 minute winter	J13	1.014	J14	20.3	0.668	0.647	0.0576
15 minute winter	J14	1.015	J15	21.0	0.765	0.671	0.0525
15 minute winter	J15	1.016	J16	21.6	0.953	0.706	0.1163
15 minute winter	J16	1.017	J17	22.4	1.257	0.371	0.0599
15 minute winter	J17	1.018	S3	23.1	1.178	0.159	0.0377
15 minute winter	J18	1.020	J19	27.5	1.944	0.211	0.0214
15 minute winter	J19	1.021	S4	28.1	0.870	0.510	0.1423
720 minute winter	J20	23.002	J21	0.4	0.364	0.067	0.0295
720 minute winter	J21	23.003	J22	0.7	0.438	0.117	0.0627
720 minute winter	J22	23.004	J23	1.0	0.499	0.166	0.0281
720 minute winter	J23	23.005	S18	1.2	0.577	0.201	0.0587
720 minute winter	J24	23.007	J25	2.0	0.473	0.148	0.1088
720 minute winter	J25	23.008	J26	2.3	0.488	0.171	0.0874
720 minute winter	J26	23.009	S19	2.5	0.557	0.191	0.0652

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J27	675	186.064	0.603	3.4	0.6821	0.0000	SURCHARGED
15 minute winter	J28	12	186.535	0.179	6.9	0.2021	0.0000	SURCHARGED
15 minute winter	J29	13	186.404	0.133	7.3	0.1506	0.0000	SURCHARGED
15 minute winter	J30	14	186.252	0.105	8.8	0.1183	0.0000	OK
15 minute winter	J31	14	186.222	0.103	9.6	0.1167	0.0000	OK
15 minute winter	J32	14	186.163	0.099	10.4	0.1120	0.0000	OK
15 minute winter	J33	12	185.677	0.067	14.7	0.0761	0.0000	OK
15 minute winter	J34	11	185.247	0.122	21.4	0.1380	0.0000	OK
15 minute winter	J35	11	185.159	0.083	22.0	0.0944	0.0000	OK
15 minute winter	J36	12	185.001	0.126	22.7	0.1430	0.0000	OK
15 minute winter	J37	11	184.719	0.144	27.6	0.1633	0.0000	OK
15 minute winter	J38	12	184.585	0.210	30.6	0.2379	0.0000	OK
15 minute winter	J39	12	184.534	0.196	31.3	0.2212	0.0000	OK
15 minute winter	J40	12	184.491	0.166	33.5	0.1874	0.0000	OK
15 minute winter	J41	11	184.643	0.046	2.3	0.0518	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J27	23.011	S4	3.3	0.497	0.110	0.0951
15 minute winter	J28	32.001	J29	6.6	0.848	1.120	0.0691
15 minute winter	J29	32.002	S12	7.3	0.936	1.229	0.0349
15 minute winter	J30	32.004	J31	8.8	0.677	0.663	0.0648
15 minute winter	J31	32.005	J32	9.6	0.761	0.723	0.1230
15 minute winter	J32	32.006	S13	10.4	1.047	0.784	0.0547
15 minute winter	J33	32.008	S14	14.7	1.140	0.414	0.1146
15 minute winter	J34	32.010	J35	21.4	1.212	0.554	0.1595
15 minute winter	J35	32.011	J36	21.9	1.211	0.246	0.1248
15 minute winter	J36	32.012	S15	22.8	1.233	0.760	0.0441
15 minute winter	J37	32.014	S16	27.5	1.319	0.905	0.1103
15 minute winter	J38	32.016	J39	30.6	0.814	1.012	0.4073
15 minute winter	J39	32.017	J40	31.4	0.919	1.019	0.1243
15 minute winter	J40	32.018	S10	33.5	1.137	0.778	0.2817
15 minute winter	J41	48.002	J42	2.3	0.620	0.387	0.0230

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J42	12	184.587	0.050	3.0	0.0569	0.0000	OK
15 minute winter	J43	12	184.445	0.085	5.6	0.0958	0.0000	OK
15 minute winter	J44	13	184.432	0.082	6.3	0.0931	0.0000	OK
15 minute winter	J45	13	184.417	0.117	7.0	0.1323	0.0000	OK
15 minute winter	J46	13	184.391	0.119	10.2	0.1344	0.0000	OK
15 minute winter	J47	13	184.363	0.115	10.9	0.1297	0.0000	OK
15 minute winter	J48	13	184.289	0.135	13.4	0.1529	0.0000	OK
15 minute winter	J49	13	184.276	0.147	14.1	0.1663	0.0000	OK
15 minute winter	J50	14	184.266	0.141	14.8	0.1599	0.0000	OK
15 minute winter	J51	14	184.252	0.144	15.5	0.1630	0.0000	OK
15 minute winter	J52	14	184.238	0.134	16.2	0.1520	0.0000	OK
15 minute winter	J53	14	184.213	0.126	17.0	0.1426	0.0000	OK
15 minute winter	J54	12	185.030	0.051	2.5	0.0579	0.0000	OK
15 minute winter	J55	12	185.000	0.056	3.3	0.0637	0.0000	OK
1440 minute winter	J56	1170	184.144	0.177	4.7	0.1999	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J42	48.003	S21	3.0	0.578	0.508	0.0420
15 minute winter	J43	48.005	J44	5.5	0.577	0.395	0.0161
15 minute winter	J44	48.006	J45	6.2	0.508	0.465	0.1081
15 minute winter	J45	48.007	S22	7.1	0.481	0.523	0.0358
15 minute winter	J46	48.009	J47	10.1	0.693	0.760	0.0620
15 minute winter	J47	48.010	S23	10.9	0.822	0.818	0.0349
15 minute winter	J48	48.012	J49	13.3	0.525	0.446	0.1951
15 minute winter	J49	48.013	J50	14.1	0.526	0.459	0.0305
15 minute winter	J50	48.014	J51	14.8	0.558	0.495	0.1347
15 minute winter	J51	48.015	J52	15.4	0.602	0.503	0.0293
15 minute winter	J52	48.016	J53	16.3	0.685	0.533	0.1161
15 minute winter	J53	48.017	S24	17.0	0.817	0.565	0.2137
15 minute winter	J54	65.002	J55	2.5	0.595	0.426	0.0156
15 minute winter	J55	65.003	S24	3.3	0.747	0.555	0.0344
1440 minute winter	J56	48.019	J57	4.7	0.436	0.087	0.4213

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Results for 30 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J57	1170	184.144	0.199	4.8	0.2248	0.0000	OK
720 minute winter	BASIN 1	660	186.059	1.059	10.3	141.9205	0.0000	SURCHARGED
1440 minute winter	BASIN 2	1440	184.863	0.563	1.4	56.9164	0.0000	OK
1440 minute winter	BASIN 3	1680	183.297	0.197	4.2	138.5735	0.0000	OK
1440 minute winter	BASIN 4	1170	184.144	0.814	4.8	118.6304	0.0000	SURCHARGED
720 minute winter	SWALE 1	660	184.966	0.034	1.4	0.0382	0.0000	OK
1440 minute winter	SWALE 2	1470	184.483	0.033	1.2	0.0373	0.0000	OK
15 minute winter	SWALE 3	12	184.235	0.165	39.3	0.1870	0.0000	OK
1440 minute winter	BH1	1440	184.863	0.786	0.3	3.0796	0.0000	OK
1440 minute winter	BH2	1680	183.297	0.245	0.7	2.8227	0.0000	OK
1440 minute winter	BH3	1170	184.144	0.838	0.3	5.5146	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J57	48.020	S25	4.8	0.457	0.089	0.4129
720 minute winter	BASIN 1	1.023	S5	1.4	0.096	0.027	0.6013
1440 minute winter	BASIN 2	1.027	S7	1.2	0.424	0.023	0.0647
1440 minute winter	BASIN 2	71.000	BH1	0.3	0.332	0.043	0.1829
1440 minute winter	BASIN 3	1.034	BH2	0.7	0.187	0.009	1.8214
1440 minute winter	BASIN 4	48.022	BH3	0.3	0.195	0.006	0.7181
720 minute winter	SWALE 1	1.025	S6	1.4	0.329	0.027	0.1655
1440 minute winter	SWALE 2	1.029	S8	1.2	0.408	0.023	0.0793
15 minute winter	SWALE 3	1.033	BASIN 3	38.7	1.029	0.558	1.6261
1440 minute winter	BH1	Infiltration		0.1			
1440 minute winter	BH2	Infiltration		0.2			
1440 minute winter	BH3	Infiltration		0.2			

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S1	11	188.431	0.061	4.7	0.0818	0.0000	OK
15 minute winter	S2	12	187.193	0.154	23.7	0.2266	0.0000	OK
720 minute winter	S3	705	186.421	0.209	8.8	0.2712	0.0000	OK
720 minute winter	S4	705	186.420	1.042	13.6	1.2379	0.0000	SURCHARGED
720 minute winter	S5	705	186.420	1.440	2.2	1.6291	0.0000	SURCHARGED
1440 minute winter	S6	1260	184.881	0.037	1.7	0.0419	0.0000	OK
1440 minute winter	S7	1320	184.800	0.021	1.5	0.0238	0.0000	OK
1440 minute winter	S8	1320	184.412	0.022	1.5	0.0250	0.0000	OK
15 minute winter	S9	12	184.335	0.135	1.5	0.1522	0.0000	OK
15 minute winter	S10	12	184.335	0.151	49.6	0.2297	0.0000	OK
15 minute winter	S11	12	186.767	0.367	10.6	0.5979	0.0000	SURCHARGED
15 minute winter	S12	14	186.293	0.117	9.7	0.1318	0.0000	OK
15 minute winter	S13	11	186.115	0.081	17.0	0.1158	0.0000	OK
15 minute winter	S14	11	185.522	0.272	26.7	0.4270	0.0000	SURCHARGED
15 minute winter	S15	11	184.969	0.102	33.9	0.1426	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S1	1.000	J1	4.5	0.691	0.512	0.0525
15 minute winter	S2	1.012	J12	23.8	0.906	0.796	0.0391
720 minute winter	S3	1.019	J18	8.8	0.940	0.289	0.2006
720 minute winter	S4	1.022	BASIN 1	13.5	1.036	0.081	1.1778
720 minute winter	S5	1.024	SWALE 1	1.7	0.344	0.031	0.0987
1440 minute winter	S6	1.026	BASIN 2	1.7	0.393	0.030	0.0278
1440 minute winter	S7	1.028	SWALE 2	1.5	0.453	0.010	0.0579
1440 minute winter	S8	1.030	S9	1.5	0.467	0.011	0.0400
15 minute winter	S9	1.031	S10	-1.5	-0.201	-0.028	0.2205
15 minute winter	S10	1.032	SWALE 3	49.5	1.240	0.274	0.1820
15 minute winter	S11	32.000	J28	8.7	1.118	1.471	0.0355
15 minute winter	S12	32.003	J30	9.6	0.649	0.719	0.0757
15 minute winter	S13	32.007	J33	17.0	1.736	0.526	0.1323
15 minute winter	S14	32.009	J34	26.5	1.503	1.527	0.0910
15 minute winter	S15	32.013	J37	33.9	1.361	0.367	0.2310

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S16	12	184.680	0.123	37.4	0.1552	0.0000	OK
720 minute winter	S17	690	186.420	0.420	0.3	0.4748	0.0000	SURCHARGED
720 minute winter	S18	705	186.422	0.761	2.3	1.0757	0.0000	SURCHARGED
720 minute winter	S19	660	186.421	0.929	3.7	1.2734	0.0000	SURCHARGED
15 minute winter	S20	10	184.695	0.053	2.9	0.0643	0.0000	OK
15 minute winter	S21	11	184.552	0.093	6.0	0.1106	0.0000	OK
1440 minute winter	S22	1290	184.441	0.155	3.3	0.1894	0.0000	SURCHARGED
1440 minute winter	S23	1410	184.438	0.280	14.5	0.3310	0.0000	SURCHARGED
1440 minute winter	S24	1440	184.438	0.461	5.6	0.6689	0.0000	SURCHARGED
1440 minute winter	S25	1380	184.434	0.508	6.0	0.5750	0.0000	SURCHARGED
15 minute winter	S26	11	185.414	0.037	2.3	0.0444	0.0000	OK
30 minute winter	FC1	26	188.930	0.680	3.3	1.6217	0.0000	SURCHARGED
30 minute winter	FC2	26	188.828	0.678	3.3	1.6326	0.0000	SURCHARGED
60 minute winter	FC3	49	188.907	0.707	3.6	3.1249	0.0000	FLOOD RISK
30 minute winter	FC4	25	188.853	0.653	2.7	1.1886	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S16	32.015	J38	37.1	1.092	0.253	0.0715
720 minute winter	S17	23.001	J20	0.3	0.282	0.045	0.0560
720 minute winter	S18	23.006	J24	2.5	0.455	0.182	0.0323
720 minute winter	S19	23.010	J27	6.1	0.428	0.203	0.3541
15 minute winter	S20	48.001	J41	2.8	0.687	0.476	0.0192
15 minute winter	S21	48.004	J43	5.8	0.818	0.987	0.0362
1440 minute winter	S22	48.008	J46	2.4	0.451	0.176	0.0428
1440 minute winter	S23	48.011	J48	36.6	0.920	1.186	0.0447
1440 minute winter	S24	48.018	J56	5.6	0.437	0.105	0.2989
1440 minute winter	S25	48.021	BASIN 4	6.6	0.563	0.119	0.2248
15 minute winter	S26	65.001	J54	2.3	0.920	0.267	0.0216
30 minute winter	FC1	2.000	J1	1.3	0.578	0.208	0.0369
30 minute winter	FC2	3.000	J2	1.3	0.361	0.214	0.0346
60 minute winter	FC3	4.000	J3	0.8	0.555	0.131	0.0155
30 minute winter	FC4	5.000	J4	0.8	0.619	0.106	0.0095

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC5	26	188.672	0.672	3.3	1.6110	0.0000	SURCHARGED
30 minute winter	FC6	25	188.507	0.657	2.7	1.1865	0.0000	SURCHARGED
30 minute winter	FC7	25	188.407	0.657	2.7	1.1880	0.0000	SURCHARGED
30 minute winter	FC8	26	188.426	0.675	3.3	1.6063	0.0000	SURCHARGED
30 minute winter	FC9	25	188.127	0.657	2.7	1.1896	0.0000	SURCHARGED
60 minute winter	FC10	48	188.169	0.699	3.1	2.5612	0.0000	SURCHARGED
30 minute winter	FC11	25	187.984	0.664	3.0	1.3855	0.0000	SURCHARGED
30 minute winter	FC12	25	187.895	0.665	3.0	1.3853	0.0000	SURCHARGED
30 minute winter	FC13	26	187.680	0.680	3.3	1.6093	0.0000	SURCHARGED
120 minute winter	FC14	90	187.088	0.188	1.4	2.4042	0.0000	SURCHARGED
30 minute winter	FC15	25	187.859	0.659	2.7	1.1829	0.0000	SURCHARGED
30 minute winter	FC16	25	187.558	0.658	2.7	1.1884	0.0000	SURCHARGED
30 minute winter	FC17	25	187.659	0.659	2.7	1.1847	0.0000	SURCHARGED
30 minute winter	FC18	25	187.209	0.659	2.7	1.1893	0.0000	SURCHARGED
30 minute winter	FC19	26	187.080	0.680	3.3	1.6090	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC5	6.000	J5	0.8	0.515	0.137	0.0065
30 minute winter	FC6	7.000	J6	0.8	0.681	0.093	0.0159
30 minute winter	FC7	8.000	J7	0.8	0.588	0.113	0.0206
30 minute winter	FC8	9.000	J8	0.8	0.733	0.084	0.0054
30 minute winter	FC9	10.000	J9	0.8	0.521	0.135	0.0111
60 minute winter	FC10	11.000	J10	0.8	0.566	0.125	0.0091
30 minute winter	FC11	12.000	J11	0.8	0.519	0.137	0.0120
30 minute winter	FC12	13.000	S2	0.8	0.519	0.137	0.0107
30 minute winter	FC13	14.000	J12	0.8	0.522	0.138	0.0107
120 minute winter	FC14	15.000	J13	0.4	0.432	0.070	0.0073
30 minute winter	FC15	16.000	J14	0.8	1.108	0.047	0.0097
30 minute winter	FC16	17.000	J15	0.8	0.554	0.124	0.0115
30 minute winter	FC17	18.000	J16	0.8	0.879	0.064	0.0044
30 minute winter	FC18	19.000	J17	0.8	0.518	0.136	0.0109
30 minute winter	FC19	20.000	S3	0.8	0.519	0.139	0.0120

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC20	26	187.624	0.674	3.3	1.6037	0.0000	SURCHARGED
30 minute winter	FC21	26	186.975	0.675	3.3	1.6107	0.0000	SURCHARGED
60 minute winter	FC22	48	186.632	0.181	1.8	1.7643	0.0000	SURCHARGED
30 minute winter	FC23	25	186.958	0.658	2.7	1.1895	0.0000	SURCHARGED
30 minute winter	FC24	26	186.976	0.676	3.3	1.6081	0.0000	SURCHARGED
30 minute winter	FC25	26	187.225	0.675	3.3	1.6035	0.0000	SURCHARGED
60 minute winter	FC26	48	186.626	0.176	1.8	1.7777	0.0000	SURCHARGED
30 minute winter	FC27	25	187.156	0.656	2.7	1.1834	0.0000	SURCHARGED
30 minute winter	FC28	26	187.173	0.673	3.3	1.6039	0.0000	SURCHARGED
30 minute winter	FC29	27	187.182	0.681	3.6	1.8221	0.0000	SURCHARGED
30 minute winter	FC30	26	187.424	0.674	3.3	1.6039	0.0000	SURCHARGED
30 minute winter	FC31	25	187.109	0.659	2.7	1.2189	0.0000	SURCHARGED
30 minute winter	FC32	25	187.108	0.658	2.7	1.1844	0.0000	SURCHARGED
30 minute winter	FC33	26	187.128	0.678	3.3	1.6028	0.0000	SURCHARGED
30 minute winter	FC34	26	187.128	0.678	3.3	1.6098	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC20	21.000	J18	0.8	1.050	0.051	0.0034
30 minute winter	FC21	22.000	J19	0.8	0.520	0.138	0.0120
60 minute winter	FC22	23.000	S17	0.4	0.617	0.022	0.0033
30 minute winter	FC23	24.000	J20	0.8	0.538	0.127	0.0069
30 minute winter	FC24	25.000	J21	0.8	0.608	0.110	0.0062
30 minute winter	FC25	26.000	J22	0.8	1.042	0.052	0.0037
60 minute winter	FC26	27.000	J23	0.4	0.751	0.031	0.0025
30 minute winter	FC27	28.000	J24	0.8	1.144	0.044	0.0032
30 minute winter	FC28	29.000	J25	0.8	1.047	0.051	0.0034
30 minute winter	FC29	30.000	J26	0.8	1.020	0.054	0.0038
30 minute winter	FC30	31.000	J27	0.8	0.977	0.056	0.0037
30 minute winter	FC31	33.000	J28	1.5	0.595	0.166	0.0333
30 minute winter	FC32	34.000	J29	0.8	0.452	0.064	0.0181
30 minute winter	FC33	35.000	S12	0.8	0.960	0.058	0.0118
30 minute winter	FC34	36.000	J30	0.8	0.533	0.132	0.0073

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC35	26	187.124	0.674	3.3	1.6040	0.0000	SURCHARGED
30 minute winter	FC36	27	187.127	0.677	3.6	1.8227	0.0000	SURCHARGED
30 minute winter	FC37	29	186.496	0.696	4.3	2.2960	0.0000	SURCHARGED
60 minute winter	FC38	50	185.602	0.152	1.8	1.8323	0.0000	SURCHARGED
30 minute winter	FC39	25	186.102	0.652	2.7	1.1848	0.0000	SURCHARGED
30 minute winter	FC40	26	186.131	0.631	3.3	1.6194	0.0000	SURCHARGED
30 minute winter	FC41	26	185.520	0.670	3.3	1.6067	0.0000	SURCHARGED
30 minute winter	FC42	26	185.270	0.670	3.3	1.6076	0.0000	SURCHARGED
30 minute winter	FC43	26	185.233	0.633	3.3	1.6154	0.0000	SURCHARGED
15 minute winter	FC44	10	184.640	0.039	3.4	0.0509	0.0000	OK
15 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC46	48	185.399	0.699	3.1	2.5626	0.0000	SURCHARGED
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC48	26	185.475	0.675	3.3	1.6036	0.0000	SURCHARGED
30 minute winter	FC49	26	185.476	0.676	3.3	1.6101	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC35	37.000	J31	0.8	0.964	0.057	0.0150
30 minute winter	FC36	38.000	J32	0.8	1.037	0.052	0.0132
30 minute winter	FC37	39.000	J33	0.8	0.696	0.094	0.0097
60 minute winter	FC38	40.000	J34	0.4	0.705	0.030	0.0025
30 minute winter	FC39	41.000	J35	0.8	0.970	0.056	0.0037
30 minute winter	FC40	42.000	J36	0.8	1.182	0.041	0.0034
30 minute winter	FC41	43.000	J37	0.8	0.777	0.078	0.0072
30 minute winter	FC42	44.000	J38	0.8	0.676	0.094	0.0222
30 minute winter	FC43	45.000	J39	0.8	0.784	0.073	0.0183
15 minute winter	FC44	46.000	J40	3.4	1.160	0.306	0.0194
15 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
60 minute winter	FC46	48.000	S20	0.8	0.508	0.140	0.0138
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0106
30 minute winter	FC48	50.000	J42	0.8	0.680	0.059	0.0126
30 minute winter	FC49	51.000	S21	0.8	0.516	0.138	0.0069

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC50	26	185.477	0.677	3.3	1.6099	0.0000	SURCHARGED
30 minute winter	FC51	26	185.520	0.670	3.3	1.6115	0.0000	SURCHARGED
30 minute winter	FC52	28	185.933	0.683	4.0	2.0724	0.0000	SURCHARGED
30 minute winter	FC53	26	185.925	0.675	3.3	1.6062	0.0000	SURCHARGED
30 minute winter	FC54	25	185.906	0.656	2.7	1.1854	0.0000	SURCHARGED
30 minute winter	FC55	25	185.905	0.655	2.7	1.1841	0.0000	SURCHARGED
30 minute winter	FC56	26	186.023	0.673	3.3	1.6040	0.0000	SURCHARGED
30 minute winter	FC57	26	186.025	0.675	3.3	1.6035	0.0000	SURCHARGED
30 minute winter	FC58	25	186.005	0.655	2.7	1.1846	0.0000	SURCHARGED
30 minute winter	FC59	25	186.008	0.658	2.7	1.1847	0.0000	SURCHARGED
30 minute winter	FC60	26	186.026	0.676	3.3	1.6047	0.0000	SURCHARGED
30 minute winter	FC61	26	185.976	0.676	3.3	1.6063	0.0000	SURCHARGED
60 minute winter	FC62	48	185.955	0.705	3.3	2.8391	0.0000	FLOOD RISK
30 minute winter	FC63	25	186.057	0.657	2.7	1.1902	0.0000	SURCHARGED
30 minute winter	FC64	26	185.822	0.822	3.3	1.5678	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC50	52.000	J43	0.8	0.517	0.138	0.0074
30 minute winter	FC51	55.000	S22	0.8	0.519	0.137	0.0096
30 minute winter	FC52	58.000	S23	0.8	0.758	0.082	0.0059
30 minute winter	FC53	61.000	J50	0.8	0.710	0.088	0.0049
30 minute winter	FC54	62.000	J51	0.8	0.785	0.075	0.0041
30 minute winter	FC55	64.000	J53	0.8	0.992	0.054	0.0034
30 minute winter	FC56	53.000	J44	0.8	1.030	0.053	0.0052
30 minute winter	FC57	54.000	J45	0.8	0.966	0.058	0.0055
30 minute winter	FC58	56.000	J46	0.8	0.924	0.060	0.0054
30 minute winter	FC59	57.000	J47	0.8	0.857	0.067	0.0060
30 minute winter	FC60	59.000	J48	0.8	0.851	0.069	0.0064
30 minute winter	FC61	60.000	J49	0.8	0.682	0.095	0.0089
60 minute winter	FC62	63.000	J52	0.8	0.632	0.109	0.0124
30 minute winter	FC63	65.000	S26	0.8	0.564	0.136	0.0048
30 minute winter	FC64	66.000	J54	0.9	0.377	0.156	0.0077

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC65	26	185.828	0.678	3.3	1.6019	0.0000	SURCHARGED
30 minute winter	FC66	26	185.679	0.679	3.3	1.6079	0.0000	SURCHARGED
60 minute winter	FC67	50	184.974	0.174	1.8	1.7950	0.0000	SURCHARGED
30 minute winter	FC68	25	185.207	0.657	2.7	1.1869	0.0000	SURCHARGED
15 minute winter	J1	12	188.397	0.197	9.2	0.2659	0.0000	SURCHARGED
15 minute winter	J2	12	188.255	0.149	9.4	0.1690	0.0000	SURCHARGED
15 minute winter	J3	12	188.141	0.095	10.2	0.1077	0.0000	OK
15 minute winter	J4	12	188.103	0.068	10.9	0.0774	0.0000	OK
15 minute winter	J5	12	187.969	0.059	11.7	0.0667	0.0000	OK
15 minute winter	J6	13	187.749	0.099	12.5	0.1122	0.0000	OK
15 minute winter	J7	13	187.710	0.110	13.3	0.1246	0.0000	OK
15 minute winter	J8	13	187.672	0.079	14.1	0.0891	0.0000	OK
15 minute winter	J9	13	187.378	0.103	14.9	0.1160	0.0000	OK
15 minute winter	J10	13	187.332	0.062	16.0	0.0705	0.0000	OK
15 minute winter	J11	13	187.213	0.091	16.5	0.1035	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC65	67.000	J55	0.8	0.694	0.044	0.0063
30 minute winter	FC66	68.000	S24	0.8	0.579	0.114	0.0030
60 minute winter	FC67	69.000	J56	0.4	0.414	0.068	0.0020
30 minute winter	FC68	70.000	J57	0.8	0.677	0.090	0.0027
15 minute winter	J1	1.001	J2	8.6	1.102	1.040	0.0393
15 minute winter	J2	1.002	J3	9.3	1.195	1.579	0.0080
15 minute winter	J3	1.003	J4	10.1	1.032	0.763	0.0191
15 minute winter	J4	1.004	J5	10.9	1.530	0.325	0.0252
15 minute winter	J5	1.005	J6	11.7	1.248	0.305	0.0533
15 minute winter	J6	1.006	J7	12.5	0.952	0.439	0.0258
15 minute winter	J7	1.007	J8	13.3	1.137	0.953	0.0131
15 minute winter	J8	1.008	J9	14.1	1.590	0.466	0.0750
15 minute winter	J9	1.009	J10	15.2	1.155	0.456	0.0159
15 minute winter	J10	1.010	J11	15.7	1.342	0.121	0.0295
15 minute winter	J11	1.011	S2	16.4	0.789	0.255	0.1170

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J12	12	186.921	0.112	24.6	0.1272	0.0000	OK
15 minute winter	J13	12	186.893	0.191	24.9	0.2164	0.0000	OK
15 minute winter	J14	12	186.873	0.178	25.6	0.2011	0.0000	OK
15 minute winter	J15	12	186.845	0.157	26.3	0.1777	0.0000	OK
15 minute winter	J16	12	186.797	0.127	27.1	0.1431	0.0000	OK
15 minute winter	J17	12	186.455	0.097	27.8	0.1098	0.0000	OK
720 minute winter	J18	705	186.421	0.226	14.1	0.2561	0.0000	SURCHARGED
720 minute winter	J19	705	186.423	0.396	13.5	0.4477	0.0000	SURCHARGED
720 minute winter	J20	705	186.421	0.490	0.6	0.5537	0.0000	SURCHARGED
720 minute winter	J21	705	186.421	0.526	1.0	0.5949	0.0000	SURCHARGED
720 minute winter	J22	705	186.421	0.603	1.3	0.6815	0.0000	SURCHARGED
720 minute winter	J23	705	186.421	0.638	1.5	0.7213	0.0000	SURCHARGED
720 minute winter	J24	705	186.422	0.772	2.6	0.8730	0.0000	SURCHARGED
720 minute winter	J25	705	186.420	0.805	4.8	0.9103	0.0000	SURCHARGED
720 minute winter	J26	705	186.420	0.833	3.0	0.9419	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J12	1.013	J13	24.6	0.869	0.367	0.1806
15 minute winter	J13	1.014	J14	24.8	0.712	0.791	0.0660
15 minute winter	J14	1.015	J15	25.6	0.806	0.818	0.0606
15 minute winter	J15	1.016	J16	26.3	0.997	0.858	0.1348
15 minute winter	J16	1.017	J17	27.0	1.314	0.448	0.0690
15 minute winter	J17	1.018	S3	27.8	1.203	0.191	0.0445
720 minute winter	J18	1.020	J19	13.3	1.612	0.103	0.0592
720 minute winter	J19	1.021	S4	11.6	0.640	0.209	0.3096
720 minute winter	J20	23.002	J21	0.6	0.382	0.095	0.0295
720 minute winter	J21	23.003	J22	0.9	0.459	0.159	0.0627
720 minute winter	J22	23.004	J23	1.3	0.545	0.216	0.0281
720 minute winter	J23	23.005	S18	1.5	0.605	0.258	0.0587
720 minute winter	J24	23.007	J25	2.6	0.491	0.198	0.1088
720 minute winter	J25	23.008	J26	2.6	0.498	0.198	0.0874
720 minute winter	J26	23.009	S19	2.9	0.566	0.220	0.0652

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J27	705	186.423	0.962	10.1	1.0879	0.0000	SURCHARGED
15 minute winter	J28	13	186.655	0.299	8.7	0.3382	0.0000	SURCHARGED
15 minute winter	J29	13	186.456	0.185	8.9	0.2092	0.0000	SURCHARGED
15 minute winter	J30	14	186.267	0.120	10.4	0.1359	0.0000	OK
15 minute winter	J31	14	186.236	0.117	11.2	0.1319	0.0000	OK
15 minute winter	J32	14	186.173	0.109	12.0	0.1231	0.0000	OK
15 minute winter	J33	12	185.697	0.087	17.8	0.0986	0.0000	OK
15 minute winter	J34	11	185.264	0.139	26.7	0.1574	0.0000	OK
15 minute winter	J35	11	185.172	0.097	27.4	0.1093	0.0000	OK
15 minute winter	J36	11	185.019	0.144	28.1	0.1628	0.0000	OK
15 minute winter	J37	12	184.745	0.170	34.6	0.1927	0.0000	OK
15 minute winter	J38	12	184.657	0.282	37.9	0.3188	0.0000	SURCHARGED
15 minute winter	J39	12	184.575	0.237	38.7	0.2677	0.0000	SURCHARGED
15 minute winter	J40	12	184.527	0.202	41.4	0.2285	0.0000	OK
15 minute winter	J41	11	184.649	0.052	2.8	0.0591	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J27	23.011	S4	-6.1	0.494	-0.206	0.0951
15 minute winter	J28	32.001	J29	8.1	1.037	1.370	0.0691
15 minute winter	J29	32.002	S12	8.9	1.131	1.491	0.0358
15 minute winter	J30	32.004	J31	10.4	0.700	0.785	0.0742
15 minute winter	J31	32.005	J32	11.2	0.790	0.844	0.1382
15 minute winter	J32	32.006	S13	12.0	1.085	0.904	0.0607
15 minute winter	J33	32.008	S14	17.8	1.166	0.500	0.1281
15 minute winter	J34	32.010	J35	26.6	1.266	0.691	0.1897
15 minute winter	J35	32.011	J36	27.3	1.267	0.307	0.1481
15 minute winter	J36	32.012	S15	28.2	1.285	0.941	0.0525
15 minute winter	J37	32.014	S16	34.3	1.391	1.129	0.1410
15 minute winter	J38	32.016	J39	37.9	0.953	1.255	0.4302
15 minute winter	J39	32.017	J40	38.7	0.980	1.255	0.1414
15 minute winter	J40	32.018	S10	41.4	1.178	0.961	0.3344
15 minute winter	J41	48.002	J42	2.8	0.658	0.478	0.0270

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J42	11	184.593	0.056	3.6	0.0637	0.0000	OK
15 minute winter	J43	12	184.464	0.104	6.6	0.1174	0.0000	OK
15 minute winter	J44	12	184.455	0.104	7.3	0.1181	0.0000	OK
1440 minute winter	J45	1290	184.442	0.142	3.6	0.1605	0.0000	OK
1440 minute winter	J46	1290	184.439	0.167	2.7	0.1889	0.0000	SURCHARGED
1440 minute winter	J47	1170	184.448	0.200	5.9	0.2262	0.0000	SURCHARGED
1440 minute winter	J48	1260	184.473	0.319	46.1	0.3610	0.0000	SURCHARGED
1440 minute winter	J49	1260	184.464	0.335	64.7	0.3792	0.0000	SURCHARGED
1440 minute winter	J50	1290	184.483	0.358	44.7	0.4050	0.0000	SURCHARGED
1440 minute winter	J51	1380	184.455	0.347	23.5	0.3929	0.0000	SURCHARGED
1440 minute winter	J52	1530	184.454	0.350	26.5	0.3954	0.0000	SURCHARGED
1440 minute winter	J53	1470	184.440	0.353	4.5	0.3995	0.0000	SURCHARGED
15 minute winter	J54	12	185.038	0.059	3.1	0.0664	0.0000	OK
15 minute winter	J55	12	185.007	0.063	3.9	0.0717	0.0000	OK
1440 minute winter	J56	1440	184.436	0.469	5.8	0.5299	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J42	48.003	S21	3.6	0.578	0.611	0.0497
15 minute winter	J43	48.005	J44	6.5	0.588	0.469	0.0210
15 minute winter	J44	48.006	J45	7.3	0.504	0.545	0.1325
1440 minute winter	J45	48.007	S22	3.3	0.396	0.242	0.0416
1440 minute winter	J46	48.009	J47	2.3	0.478	0.176	0.0742
1440 minute winter	J47	48.010	S23	-4.4	0.537	-0.328	0.0465
1440 minute winter	J48	48.012	J49	-8.6	0.394	-0.289	0.2962
1440 minute winter	J49	48.013	J50	-56.6	-1.423	-1.846	0.0451
1440 minute winter	J50	48.014	J51	12.1	0.399	0.405	0.2018
1440 minute winter	J51	48.015	J52	-23.2	-0.583	-0.756	0.0451
1440 minute winter	J52	48.016	J53	-7.3	0.473	-0.239	0.1938
1440 minute winter	J53	48.017	S24	4.4	0.547	0.144	0.4079
15 minute winter	J54	65.002	J55	3.1	0.627	0.524	0.0182
15 minute winter	J55	65.003	S24	3.9	0.777	0.665	0.0396
1440 minute winter	J56	48.019	J57	5.8	0.457	0.107	0.6398

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Results for 30 year +35% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J57	1440	184.437	0.492	6.0	0.5566	0.0000	SURCHARGED
720 minute winter	BASIN 1	705	186.421	1.420	13.5	203.1491	0.0000	SURCHARGED
1440 minute winter	BASIN 2	1320	184.866	0.566	1.7	57.3053	0.0000	OK
1440 minute winter	BASIN 3	1680	183.394	0.294	5.6	208.4289	0.0000	OK
1440 minute winter	BASIN 4	1410	184.436	1.106	6.6	169.7499	0.0000	SURCHARGED
720 minute winter	SWALE 1	705	184.968	0.036	1.7	0.0411	0.0000	OK
1440 minute winter	SWALE 2	1320	184.486	0.036	1.5	0.0408	0.0000	OK
15 minute winter	SWALE 3	12	184.264	0.194	49.5	0.2191	0.0000	OK
1440 minute winter	BH1	1320	184.866	0.789	0.3	3.0892	0.0000	OK
1440 minute winter	BH2	1680	183.394	0.342	0.5	3.3033	0.0000	OK
1440 minute winter	BH3	1380	184.436	1.130	1.4	6.8771	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J57	48.020	S25	6.0	0.486	0.111	0.5574
720 minute winter	BASIN 1	1.023	S5	2.2	0.128	0.042	0.6013
1440 minute winter	BASIN 2	1.027	S7	1.5	0.454	0.029	0.0750
1440 minute winter	BASIN 2	71.000	BH1	0.3	0.354	0.052	0.1829
1440 minute winter	BASIN 3	1.034	BH2	0.5	0.182	0.007	2.6751
1440 minute winter	BASIN 4	48.022	BH3	1.4	0.245	0.026	0.7181
720 minute winter	SWALE 1	1.025	S6	1.7	0.344	0.031	0.1834
1440 minute winter	SWALE 2	1.029	S8	1.5	0.440	0.029	0.0913
15 minute winter	SWALE 3	1.033	BASIN 3	49.0	1.095	0.707	1.9400
1440 minute winter	BH1	Infiltration		0.1			
1440 minute winter	BH2	Infiltration		0.2			
1440 minute winter	BH3	Infiltration		0.2			

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S1	10	188.420	0.050	4.4	0.0674	0.0000	OK
15 minute winter	S2	12	187.189	0.150	22.7	0.2205	0.0000	OK
1440 minute winter	S3	1140	186.402	0.190	5.5	0.2473	0.0000	OK
1440 minute winter	S4	1110	186.403	1.025	8.4	1.2179	0.0000	SURCHARGED
1440 minute winter	S5	1140	186.400	1.420	2.4	1.6063	0.0000	SURCHARGED
1440 minute winter	S6	1260	184.881	0.037	1.7	0.0420	0.0000	OK
1440 minute winter	S7	1320	184.800	0.021	1.5	0.0239	0.0000	OK
1440 minute winter	S8	1320	184.412	0.022	1.5	0.0251	0.0000	OK
15 minute winter	S9	12	184.329	0.129	1.5	0.1462	0.0000	OK
15 minute winter	S10	12	184.329	0.145	47.6	0.2214	0.0000	OK
15 minute winter	S11	12	186.728	0.328	10.0	0.5345	0.0000	SURCHARGED
15 minute winter	S12	14	186.289	0.113	9.3	0.1275	0.0000	OK
15 minute winter	S13	11	186.114	0.080	16.4	0.1135	0.0000	OK
15 minute winter	S14	11	185.505	0.255	25.5	0.4008	0.0000	SURCHARGED
15 minute winter	S15	11	184.966	0.099	32.3	0.1377	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S1	1.000	J1	4.3	0.672	0.497	0.0481
15 minute winter	S2	1.012	J12	22.7	0.892	0.760	0.0379
1440 minute winter	S3	1.019	J18	5.5	0.835	0.179	0.1902
1440 minute winter	S4	1.022	BASIN 1	8.4	0.698	0.050	1.1778
1440 minute winter	S5	1.024	SWALE 1	1.7	0.343	0.031	0.0982
1440 minute winter	S6	1.026	BASIN 2	1.7	0.394	0.030	0.0279
1440 minute winter	S7	1.028	SWALE 2	1.5	0.453	0.010	0.0580
1440 minute winter	S8	1.030	S9	1.5	0.467	0.011	0.0401
15 minute winter	S9	1.031	S10	-1.5	-0.194	-0.028	0.2098
15 minute winter	S10	1.032	SWALE 3	47.2	1.232	0.262	0.1746
15 minute winter	S11	32.000	J28	8.3	1.061	1.396	0.0355
15 minute winter	S12	32.003	J30	9.3	0.645	0.694	0.0735
15 minute winter	S13	32.007	J33	16.3	1.726	0.505	0.1257
15 minute winter	S14	32.009	J34	25.2	1.434	1.456	0.0908
15 minute winter	S15	32.013	J37	32.2	1.362	0.349	0.2195

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S16	12	184.666	0.108	35.8	0.1371	0.0000	OK
1440 minute winter	S17	1140	186.401	0.401	0.2	0.4534	0.0000	SURCHARGED
1440 minute winter	S18	1140	186.400	0.739	1.5	1.0445	0.0000	SURCHARGED
1440 minute winter	S19	1140	186.400	0.909	2.4	1.2457	0.0000	SURCHARGED
15 minute winter	S20	10	184.694	0.051	2.8	0.0628	0.0000	OK
15 minute winter	S21	11	184.548	0.089	5.8	0.1052	0.0000	OK
1440 minute winter	S22	1410	184.460	0.174	4.5	0.2130	0.0000	SURCHARGED
1440 minute winter	S23	1170	184.484	0.326	25.6	0.3851	0.0000	SURCHARGED
1440 minute winter	S24	1290	184.446	0.469	9.6	0.6805	0.0000	SURCHARGED
1440 minute winter	S25	1410	184.443	0.517	8.3	0.5851	0.0000	SURCHARGED
15 minute winter	S26	11	185.413	0.036	2.2	0.0430	0.0000	OK
30 minute winter	FC1	26	188.922	0.672	3.1	1.5128	0.0000	SURCHARGED
30 minute winter	FC2	26	188.820	0.670	3.1	1.5249	0.0000	SURCHARGED
60 minute winter	FC3	48	188.898	0.698	3.4	2.9005	0.0000	SURCHARGED
30 minute winter	FC4	25	188.845	0.645	2.5	1.0938	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S16	32.015	J38	35.4	1.097	0.241	0.0677
1440 minute winter	S17	23.001	J20	0.2	0.259	0.033	0.0560
1440 minute winter	S18	23.006	J24	1.4	0.414	0.102	0.0323
1440 minute winter	S19	23.010	J27	3.4	0.396	0.113	0.3541
15 minute winter	S20	48.001	J41	2.7	0.683	0.457	0.0187
15 minute winter	S21	48.004	J43	5.6	0.812	0.950	0.0352
1440 minute winter	S22	48.008	J46	-4.5	0.451	-0.335	0.0428
1440 minute winter	S23	48.011	J48	-25.6	-0.645	-0.832	0.0447
1440 minute winter	S24	48.018	J56	-9.5	0.440	-0.178	0.2989
1440 minute winter	S25	48.021	BASIN 4	10.3	0.568	0.187	0.2248
15 minute winter	S26	65.001	J54	2.2	0.907	0.253	0.0208
30 minute winter	FC1	2.000	J1	1.3	0.577	0.205	0.0352
30 minute winter	FC2	3.000	J2	1.2	0.360	0.208	0.0339
60 minute winter	FC3	4.000	J3	0.8	0.554	0.130	0.0147
30 minute winter	FC4	5.000	J4	0.8	0.618	0.105	0.0095

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC5	26	188.665	0.665	3.1	1.5054	0.0000	SURCHARGED
30 minute winter	FC6	25	188.498	0.648	2.5	1.0920	0.0000	SURCHARGED
30 minute winter	FC7	25	188.398	0.648	2.5	1.0935	0.0000	SURCHARGED
30 minute winter	FC8	26	188.418	0.668	3.1	1.5008	0.0000	SURCHARGED
30 minute winter	FC9	25	188.118	0.648	2.5	1.0953	0.0000	SURCHARGED
60 minute winter	FC10	47	188.161	0.691	3.0	2.3933	0.0000	SURCHARGED
30 minute winter	FC11	25	187.977	0.657	2.8	1.2856	0.0000	SURCHARGED
30 minute winter	FC12	25	187.887	0.657	2.8	1.2856	0.0000	SURCHARGED
30 minute winter	FC13	26	187.672	0.672	3.1	1.5033	0.0000	SURCHARGED
60 minute winter	FC14	50	187.077	0.177	2.1	2.2697	0.0000	SURCHARGED
30 minute winter	FC15	25	187.849	0.649	2.5	1.0888	0.0000	SURCHARGED
30 minute winter	FC16	25	187.549	0.649	2.5	1.0944	0.0000	SURCHARGED
30 minute winter	FC17	25	187.649	0.649	2.5	1.0902	0.0000	SURCHARGED
30 minute winter	FC18	25	187.200	0.650	2.5	1.0952	0.0000	SURCHARGED
30 minute winter	FC19	26	187.072	0.672	3.1	1.5033	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC5	6.000	J5	0.8	0.514	0.136	0.0065
30 minute winter	FC6	7.000	J6	0.8	0.680	0.092	0.0152
30 minute winter	FC7	8.000	J7	0.8	0.587	0.113	0.0199
30 minute winter	FC8	9.000	J8	0.8	0.732	0.084	0.0052
30 minute winter	FC9	10.000	J9	0.8	0.520	0.134	0.0111
60 minute winter	FC10	11.000	J10	0.8	0.565	0.124	0.0091
30 minute winter	FC11	12.000	J11	0.8	0.519	0.136	0.0120
30 minute winter	FC12	13.000	S2	0.8	0.518	0.136	0.0107
30 minute winter	FC13	14.000	J12	0.8	0.521	0.137	0.0107
60 minute winter	FC14	15.000	J13	0.4	0.428	0.068	0.0130
30 minute winter	FC15	16.000	J14	0.8	1.106	0.046	0.0089
30 minute winter	FC16	17.000	J15	0.8	0.552	0.124	0.0110
30 minute winter	FC17	18.000	J16	0.8	0.878	0.064	0.0044
30 minute winter	FC18	19.000	J17	0.8	0.517	0.135	0.0108
30 minute winter	FC19	20.000	S3	0.8	0.518	0.138	0.0111

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC20	26	187.617	0.667	3.1	1.4979	0.0000	SURCHARGED
30 minute winter	FC21	26	186.968	0.668	3.1	1.5043	0.0000	SURCHARGED
60 minute winter	FC22	48	186.623	0.173	1.7	1.6777	0.0000	SURCHARGED
30 minute winter	FC23	25	186.949	0.649	2.5	1.0948	0.0000	SURCHARGED
30 minute winter	FC24	26	186.969	0.669	3.1	1.5025	0.0000	SURCHARGED
30 minute winter	FC25	26	187.217	0.667	3.1	1.4977	0.0000	SURCHARGED
60 minute winter	FC26	50	186.617	0.167	1.7	1.6909	0.0000	SURCHARGED
30 minute winter	FC27	25	187.147	0.647	2.5	1.0891	0.0000	SURCHARGED
30 minute winter	FC28	26	187.166	0.666	3.1	1.4981	0.0000	SURCHARGED
30 minute winter	FC29	26	187.174	0.674	3.5	1.6958	0.0000	SURCHARGED
30 minute winter	FC30	26	187.417	0.666	3.1	1.4987	0.0000	SURCHARGED
30 minute winter	FC31	25	187.100	0.650	2.5	1.1169	0.0000	SURCHARGED
30 minute winter	FC32	25	187.098	0.648	2.5	1.0903	0.0000	SURCHARGED
30 minute winter	FC33	26	187.120	0.670	3.1	1.4977	0.0000	SURCHARGED
30 minute winter	FC34	26	187.121	0.670	3.1	1.5038	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC20	21.000	J18	0.8	1.048	0.051	0.0034
30 minute winter	FC21	22.000	J19	0.8	0.520	0.137	0.0119
60 minute winter	FC22	23.000	S17	0.4	0.612	0.022	0.0032
30 minute winter	FC23	24.000	J20	0.8	0.537	0.127	0.0068
30 minute winter	FC24	25.000	J21	0.8	0.607	0.109	0.0062
30 minute winter	FC25	26.000	J22	0.8	1.040	0.051	0.0037
60 minute winter	FC26	27.000	J23	0.4	0.745	0.030	0.0025
30 minute winter	FC27	28.000	J24	0.8	1.141	0.044	0.0032
30 minute winter	FC28	29.000	J25	0.8	1.046	0.051	0.0034
30 minute winter	FC29	30.000	J26	0.8	1.019	0.053	0.0038
30 minute winter	FC30	31.000	J27	0.8	0.975	0.056	0.0037
30 minute winter	FC31	33.000	J28	1.5	0.584	0.161	0.0333
30 minute winter	FC32	34.000	J29	0.8	0.440	0.064	0.0181
30 minute winter	FC33	35.000	S12	0.8	0.958	0.058	0.0111
30 minute winter	FC34	36.000	J30	0.8	0.532	0.131	0.0073

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC35	26	187.117	0.666	3.1	1.4985	0.0000	SURCHARGED
30 minute winter	FC36	26	187.120	0.669	3.5	1.6962	0.0000	SURCHARGED
60 minute winter	FC37	47	186.488	0.688	2.8	2.1554	0.0000	SURCHARGED
60 minute winter	FC38	50	185.595	0.145	1.7	1.7453	0.0000	SURCHARGED
30 minute winter	FC39	25	186.094	0.644	2.5	1.0904	0.0000	SURCHARGED
30 minute winter	FC40	26	186.123	0.623	3.1	1.5125	0.0000	SURCHARGED
30 minute winter	FC41	26	185.513	0.663	3.1	1.5009	0.0000	SURCHARGED
30 minute winter	FC42	26	185.263	0.663	3.1	1.5018	0.0000	SURCHARGED
30 minute winter	FC43	26	185.232	0.632	3.1	1.5129	0.0000	SURCHARGED
15 minute winter	FC44	10	184.639	0.039	3.2	0.0500	0.0000	OK
15 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC46	47	185.391	0.691	3.0	2.3935	0.0000	SURCHARGED
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC48	26	185.468	0.668	3.1	1.4983	0.0000	SURCHARGED
30 minute winter	FC49	26	185.468	0.668	3.1	1.5046	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC35	37.000	J31	0.8	0.963	0.057	0.0144
30 minute winter	FC36	38.000	J32	0.8	1.035	0.052	0.0127
60 minute winter	FC37	39.000	J33	0.8	0.695	0.093	0.0078
60 minute winter	FC38	40.000	J34	0.4	0.699	0.029	0.0025
30 minute winter	FC39	41.000	J35	0.8	0.968	0.055	0.0037
30 minute winter	FC40	42.000	J36	0.8	1.180	0.041	0.0034
30 minute winter	FC41	43.000	J37	0.8	0.776	0.077	0.0065
30 minute winter	FC42	44.000	J38	0.8	0.675	0.094	0.0222
30 minute winter	FC43	45.000	J39	0.8	0.784	0.073	0.0172
15 minute winter	FC44	46.000	J40	3.2	1.140	0.288	0.0174
15 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
60 minute winter	FC46	48.000	S20	0.8	0.507	0.139	0.0137
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0103
30 minute winter	FC48	50.000	J42	0.8	0.679	0.058	0.0124
30 minute winter	FC49	51.000	S21	0.8	0.515	0.137	0.0069

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC50	26	185.469	0.669	3.1	1.5043	0.0000	SURCHARGED
30 minute winter	FC51	26	185.514	0.663	3.1	1.5054	0.0000	SURCHARGED
30 minute winter	FC52	27	185.924	0.674	3.8	1.8995	0.0000	SURCHARGED
30 minute winter	FC53	26	185.917	0.667	3.1	1.5006	0.0000	SURCHARGED
30 minute winter	FC54	25	185.897	0.647	2.5	1.0913	0.0000	SURCHARGED
30 minute winter	FC55	25	185.896	0.646	2.5	1.0898	0.0000	SURCHARGED
30 minute winter	FC56	26	186.016	0.666	3.1	1.4981	0.0000	SURCHARGED
30 minute winter	FC57	26	186.018	0.668	3.1	1.4985	0.0000	SURCHARGED
30 minute winter	FC58	25	185.997	0.647	2.5	1.0904	0.0000	SURCHARGED
30 minute winter	FC59	25	185.999	0.649	2.5	1.0905	0.0000	SURCHARGED
30 minute winter	FC60	26	186.018	0.668	3.1	1.4989	0.0000	SURCHARGED
30 minute winter	FC61	26	185.968	0.668	3.1	1.5007	0.0000	SURCHARGED
60 minute winter	FC62	48	185.948	0.698	3.2	2.6733	0.0000	SURCHARGED
30 minute winter	FC63	25	186.048	0.648	2.5	1.0960	0.0000	SURCHARGED
30 minute winter	FC64	25	185.812	0.812	3.1	1.4665	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC50	52.000	J43	0.8	0.516	0.137	0.0074
30 minute winter	FC51	55.000	S22	0.8	0.518	0.137	0.0096
30 minute winter	FC52	58.000	S23	0.8	0.757	0.081	0.0059
30 minute winter	FC53	61.000	J50	0.8	0.709	0.087	0.0049
30 minute winter	FC54	62.000	J51	0.8	0.783	0.074	0.0041
30 minute winter	FC55	64.000	J53	0.8	0.990	0.054	0.0034
30 minute winter	FC56	53.000	J44	0.8	1.028	0.053	0.0052
30 minute winter	FC57	54.000	J45	0.8	0.964	0.058	0.0055
30 minute winter	FC58	56.000	J46	0.8	0.922	0.060	0.0054
30 minute winter	FC59	57.000	J47	0.8	0.855	0.067	0.0060
30 minute winter	FC60	59.000	J48	0.8	0.850	0.069	0.0063
30 minute winter	FC61	60.000	J49	0.8	0.681	0.094	0.0088
60 minute winter	FC62	63.000	J52	0.8	0.631	0.108	0.0124
30 minute winter	FC63	65.000	S26	0.8	0.563	0.135	0.0047
30 minute winter	FC64	66.000	J54	0.9	0.377	0.156	0.0076

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC65	26	185.820	0.670	3.1	1.4967	0.0000	SURCHARGED
30 minute winter	FC66	26	185.671	0.671	3.1	1.5025	0.0000	SURCHARGED
60 minute winter	FC67	50	184.966	0.166	1.7	1.7090	0.0000	SURCHARGED
30 minute winter	FC68	25	185.198	0.648	2.5	1.0928	0.0000	SURCHARGED
15 minute winter	J1	12	188.376	0.176	8.7	0.2377	0.0000	SURCHARGED
15 minute winter	J2	12	188.249	0.143	8.9	0.1620	0.0000	SURCHARGED
15 minute winter	J3	12	188.139	0.093	9.7	0.1049	0.0000	OK
15 minute winter	J4	12	188.102	0.067	10.5	0.0754	0.0000	OK
15 minute winter	J5	12	187.968	0.058	11.2	0.0651	0.0000	OK
15 minute winter	J6	13	187.747	0.096	12.0	0.1091	0.0000	OK
15 minute winter	J7	13	187.708	0.108	12.8	0.1217	0.0000	OK
15 minute winter	J8	13	187.670	0.077	13.6	0.0872	0.0000	OK
15 minute winter	J9	13	187.376	0.101	14.4	0.1139	0.0000	OK
15 minute winter	J10	13	187.331	0.061	14.9	0.0691	0.0000	OK
15 minute winter	J11	13	187.211	0.090	16.0	0.1013	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC65	67.000	J55	0.8	0.753	0.044	0.0062
30 minute winter	FC66	68.000	S24	0.8	0.578	0.113	0.0030
60 minute winter	FC67	69.000	J56	0.4	0.411	0.066	0.0020
30 minute winter	FC68	70.000	J57	0.8	0.676	0.089	0.0027
15 minute winter	J1	1.001	J2	8.2	1.049	0.989	0.0393
15 minute winter	J2	1.002	J3	8.9	1.139	1.505	0.0080
15 minute winter	J3	1.003	J4	9.7	1.020	0.730	0.0185
15 minute winter	J4	1.004	J5	10.5	1.518	0.311	0.0244
15 minute winter	J5	1.005	J6	11.2	1.242	0.293	0.0515
15 minute winter	J6	1.006	J7	12.0	0.942	0.422	0.0251
15 minute winter	J7	1.007	J8	12.8	1.125	0.919	0.0128
15 minute winter	J8	1.008	J9	13.6	1.578	0.450	0.0730
15 minute winter	J9	1.009	J10	14.1	1.095	0.421	0.0155
15 minute winter	J10	1.010	J11	15.2	1.339	0.118	0.0286
15 minute winter	J11	1.011	S2	16.0	0.782	0.248	0.1133

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J12	12	186.917	0.108	23.5	0.1225	0.0000	OK
15 minute winter	J13	12	186.887	0.185	23.8	0.2097	0.0000	OK
15 minute winter	J14	12	186.868	0.173	24.5	0.1952	0.0000	OK
15 minute winter	J15	12	186.841	0.153	25.2	0.1725	0.0000	OK
15 minute winter	J16	12	186.793	0.123	25.9	0.1394	0.0000	OK
15 minute winter	J17	12	186.452	0.094	26.7	0.1060	0.0000	OK
1440 minute winter	J18	1140	186.402	0.208	5.7	0.2354	0.0000	OK
1440 minute winter	J19	1140	186.407	0.380	7.4	0.4292	0.0000	SURCHARGED
1440 minute winter	J20	1140	186.401	0.470	0.4	0.5312	0.0000	SURCHARGED
1440 minute winter	J21	1140	186.401	0.506	0.6	0.5718	0.0000	SURCHARGED
1440 minute winter	J22	1140	186.400	0.582	0.8	0.6582	0.0000	SURCHARGED
1440 minute winter	J23	1140	186.400	0.617	1.0	0.6978	0.0000	SURCHARGED
1440 minute winter	J24	1140	186.400	0.750	1.6	0.8485	0.0000	SURCHARGED
1440 minute winter	J25	1140	186.400	0.785	2.0	0.8879	0.0000	SURCHARGED
1440 minute winter	J26	1110	186.406	0.819	2.0	0.9259	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J12	1.013	J13	23.5	0.863	0.351	0.1744
15 minute winter	J13	1.014	J14	23.7	0.700	0.756	0.0642
15 minute winter	J14	1.015	J15	24.4	0.796	0.783	0.0588
15 minute winter	J15	1.016	J16	25.2	0.987	0.822	0.1304
15 minute winter	J16	1.017	J17	25.9	1.302	0.430	0.0668
15 minute winter	J17	1.018	S3	26.7	1.197	0.184	0.0429
1440 minute winter	J18	1.020	J19	7.2	1.446	0.056	0.0582
1440 minute winter	J19	1.021	S4	5.9	0.559	0.107	0.3096
1440 minute winter	J20	23.002	J21	0.4	0.363	0.067	0.0295
1440 minute winter	J21	23.003	J22	0.6	0.419	0.100	0.0627
1440 minute winter	J22	23.004	J23	0.8	0.472	0.132	0.0281
1440 minute winter	J23	23.005	S18	1.0	0.545	0.165	0.0587
1440 minute winter	J24	23.007	J25	1.5	0.454	0.116	0.1088
1440 minute winter	J25	23.008	J26	1.7	0.450	0.130	0.0874
1440 minute winter	J26	23.009	S19	1.9	0.507	0.142	0.0652

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J27	1110	186.404	0.943	3.5	1.0670	0.0000	SURCHARGED
15 minute winter	J28	13	186.626	0.270	8.3	0.3058	0.0000	SURCHARGED
15 minute winter	J29	13	186.444	0.173	8.6	0.1956	0.0000	SURCHARGED
15 minute winter	J30	14	186.264	0.117	10.1	0.1320	0.0000	OK
15 minute winter	J31	14	186.233	0.114	10.9	0.1286	0.0000	OK
15 minute winter	J32	14	186.171	0.107	11.7	0.1208	0.0000	OK
15 minute winter	J33	12	185.692	0.082	17.1	0.0931	0.0000	OK
15 minute winter	J34	11	185.260	0.135	25.5	0.1529	0.0000	OK
15 minute winter	J35	11	185.169	0.094	26.1	0.1058	0.0000	OK
15 minute winter	J36	12	185.015	0.140	26.9	0.1583	0.0000	OK
15 minute winter	J37	12	184.737	0.162	33.0	0.1827	0.0000	OK
15 minute winter	J38	12	184.640	0.265	36.2	0.2998	0.0000	SURCHARGED
15 minute winter	J39	12	184.566	0.228	37.0	0.2576	0.0000	SURCHARGED
15 minute winter	J40	12	184.519	0.193	39.6	0.2188	0.0000	OK
15 minute winter	J41	11	184.648	0.051	2.7	0.0577	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J27	23.011	S4	4.4	0.458	0.147	0.0951
15 minute winter	J28	32.001	J29	7.8	0.996	1.316	0.0691
15 minute winter	J29	32.002	S12	8.5	1.090	1.437	0.0356
15 minute winter	J30	32.004	J31	10.1	0.695	0.759	0.0722
15 minute winter	J31	32.005	J32	10.9	0.784	0.819	0.1352
15 minute winter	J32	32.006	S13	11.7	1.078	0.879	0.0595
15 minute winter	J33	32.008	S14	17.1	1.160	0.482	0.1248
15 minute winter	J34	32.010	J35	25.4	1.254	0.659	0.1827
15 minute winter	J35	32.011	J36	26.1	1.256	0.293	0.1427
15 minute winter	J36	32.012	S15	27.0	1.279	0.900	0.0505
15 minute winter	J37	32.014	S16	32.8	1.367	1.078	0.1281
15 minute winter	J38	32.016	J39	36.2	0.911	1.200	0.4302
15 minute winter	J39	32.017	J40	37.0	0.957	1.201	0.1391
15 minute winter	J40	32.018	S10	39.6	1.162	0.919	0.3250
15 minute winter	J41	48.002	J42	2.7	0.652	0.460	0.0262

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J42	11	184.592	0.055	3.5	0.0624	0.0000	OK
15 minute winter	J43	12	184.459	0.099	6.4	0.1119	0.0000	OK
1440 minute winter	J44	1320	184.451	0.101	1.9	0.1140	0.0000	OK
1440 minute winter	J45	1350	184.459	0.159	4.6	0.1797	0.0000	SURCHARGED
1440 minute winter	J46	1410	184.462	0.190	5.9	0.2153	0.0000	SURCHARGED
1440 minute winter	J47	1170	184.467	0.219	4.0	0.2472	0.0000	SURCHARGED
1440 minute winter	J48	1350	184.454	0.300	10.8	0.3389	0.0000	SURCHARGED
1440 minute winter	J49	1560	184.482	0.353	37.5	0.3994	0.0000	SURCHARGED
1440 minute winter	J50	1320	184.451	0.326	13.4	0.3687	0.0000	SURCHARGED
1440 minute winter	J51	1560	184.515	0.407	82.0	0.4607	0.0000	SURCHARGED
1440 minute winter	J52	1380	184.452	0.348	23.5	0.3936	0.0000	SURCHARGED
1440 minute winter	J53	1380	184.447	0.360	12.5	0.4075	0.0000	SURCHARGED
15 minute winter	J54	12	185.036	0.057	3.0	0.0645	0.0000	OK
15 minute winter	J55	12	185.006	0.062	3.8	0.0700	0.0000	OK
1440 minute winter	J56	1290	184.450	0.483	7.5	0.5465	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J42	48.003	S21	3.5	0.578	0.591	0.0481
15 minute winter	J43	48.005	J44	6.3	0.585	0.454	0.0198
1440 minute winter	J44	48.006	J45	3.6	0.417	0.268	0.1318
1440 minute winter	J45	48.007	S22	-3.1	0.396	-0.230	0.0419
1440 minute winter	J46	48.009	J47	-5.9	0.478	-0.439	0.0742
1440 minute winter	J47	48.010	S23	-4.0	0.537	-0.297	0.0465
1440 minute winter	J48	48.012	J49	9.5	0.394	0.316	0.2962
1440 minute winter	J49	48.013	J50	-36.3	-0.913	-1.184	0.0451
1440 minute winter	J50	48.014	J51	15.2	0.399	0.508	0.2018
1440 minute winter	J51	48.015	J52	-64.5	-1.622	-2.104	0.0451
1440 minute winter	J52	48.016	J53	8.7	0.477	0.285	0.1938
1440 minute winter	J53	48.017	S24	-9.2	0.551	-0.305	0.4079
15 minute winter	J54	65.002	J55	3.0	0.619	0.503	0.0176
15 minute winter	J55	65.003	S24	3.8	0.771	0.641	0.0385
1440 minute winter	J56	48.019	J57	-7.5	0.461	-0.138	0.6398

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Results for 100 year Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J57	1290	184.446	0.501	8.3	0.5670	0.0000	SURCHARGED
1440 minute winter	BASIN 1	1140	186.400	1.400	8.4	199.5576	0.0000	SURCHARGED
1440 minute winter	BASIN 2	1320	184.866	0.566	1.7	57.3141	0.0000	OK
1440 minute winter	BASIN 3	1680	183.396	0.296	5.7	209.9242	0.0000	OK
1440 minute winter	BASIN 4	1380	184.443	1.113	10.9	171.0847	0.0000	SURCHARGED
1440 minute winter	SWALE 1	1140	184.968	0.036	1.7	0.0409	0.0000	OK
1440 minute winter	SWALE 2	1320	184.486	0.036	1.5	0.0408	0.0000	OK
15 minute winter	SWALE 3	12	184.258	0.188	47.2	0.2123	0.0000	OK
1440 minute winter	BH1	1320	184.866	0.789	0.3	3.0894	0.0000	OK
1440 minute winter	BH2	1680	183.396	0.344	0.5	3.3135	0.0000	OK
1440 minute winter	BH3	1440	184.443	1.137	1.3	6.9118	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J57	48.020	S25	-8.3	0.490	-0.154	0.5574
1440 minute winter	BASIN 1	1.023	S5	2.4	0.108	0.045	0.6013
1440 minute winter	BASIN 2	1.027	S7	1.5	0.455	0.029	0.0752
1440 minute winter	BASIN 2	71.000	BH1	0.3	0.354	0.052	0.1829
1440 minute winter	BASIN 3	1.034	BH2	0.5	0.182	0.007	2.6895
1440 minute winter	BASIN 4	48.022	BH3	1.3	0.248	0.025	0.7181
1440 minute winter	SWALE 1	1.025	S6	1.7	0.343	0.031	0.1833
1440 minute winter	SWALE 2	1.029	S8	1.5	0.441	0.029	0.0916
15 minute winter	SWALE 3	1.033	BASIN 3	46.8	1.082	0.675	1.8759
1440 minute winter	BH1	Infiltration		0.1			
1440 minute winter	BH2	Infiltration		0.2			
1440 minute winter	BH3	Infiltration		0.2			

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Results for 100 year +45% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S1	12	188.578	0.208	6.3	0.2810	0.0000	SURCHARGED
15 minute winter	S2	11	187.212	0.173	29.0	0.2545	0.0000	OK
1440 minute winter	S3	1350	186.927	0.715	11.5	0.9300	0.0000	SURCHARGED
1440 minute winter	S4	1440	186.931	1.553	11.8	1.8451	0.0000	SURCHARGED
1440 minute winter	S5	1350	186.927	1.947	2.0	2.2022	0.0000	FLOOD RISK
1440 minute winter	S6	1350	184.885	0.041	1.9	0.0459	0.0000	OK
1440 minute winter	S7	1380	184.802	0.023	1.9	0.0260	0.0000	OK
1440 minute winter	S8	1380	184.414	0.024	1.9	0.0274	0.0000	OK
15 minute winter	S9	12	184.358	0.158	2.1	0.1782	0.0000	OK
15 minute winter	S10	12	184.357	0.173	60.6	0.2643	0.0000	OK
15 minute winter	S11	12	187.019	0.619	14.4	1.0097	0.0000	SURCHARGED
15 minute winter	S12	15	186.318	0.142	11.5	0.1602	0.0000	OK
15 minute winter	S13	11	186.124	0.090	20.8	0.1275	0.0000	OK
15 minute winter	S14	11	185.611	0.361	32.8	0.5670	0.0000	SURCHARGED
15 minute winter	S15	12	184.988	0.121	42.4	0.1692	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S1	1.000	J1	5.1	0.694	0.587	0.0642
15 minute winter	S2	1.012	J12	28.9	0.973	0.967	0.0442
1440 minute winter	S3	1.019	J18	8.9	0.906	0.292	0.2040
1440 minute winter	S4	1.022	BASIN 1	12.0	0.818	0.072	1.1778
1440 minute winter	S5	1.024	SWALE 1	1.9	0.361	0.036	0.1096
1440 minute winter	S6	1.026	BASIN 2	1.9	0.409	0.036	0.0317
1440 minute winter	S7	1.028	SWALE 2	1.9	0.482	0.012	0.0659
1440 minute winter	S8	1.030	S9	1.9	0.498	0.013	0.0476
15 minute winter	S9	1.031	S10	-2.1	-0.221	-0.038	0.2660
15 minute winter	S10	1.032	SWALE 3	60.4	1.276	0.335	0.2154
15 minute winter	S11	32.000	J28	11.4	1.463	1.925	0.0355
15 minute winter	S12	32.003	J30	11.4	0.667	0.855	0.0876
15 minute winter	S13	32.007	J33	20.8	1.749	0.646	0.1859
15 minute winter	S14	32.009	J34	32.4	1.839	1.867	0.0913
15 minute winter	S15	32.013	J37	42.0	1.385	0.455	0.2874

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Results for 100 year +45% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S16	12	184.813	0.255	45.5	0.3229	0.0000	SURCHARGED
1440 minute winter	S17	1350	186.928	0.928	0.3	1.0490	0.0000	FLOOD RISK
1440 minute winter	S18	1380	186.928	1.267	1.7	1.7897	0.0000	FLOOD RISK
1440 minute winter	S19	1380	186.929	1.438	3.3	1.9698	0.0000	SURCHARGED
1440 minute winter	S20	1560	185.038	0.396	1.0	0.4822	0.0000	SURCHARGED
1440 minute winter	S21	1560	185.014	0.555	4.4	0.6573	0.0000	SURCHARGED
1440 minute winter	S22	1680	185.081	0.795	10.7	0.9716	0.0000	SURCHARGED
1440 minute winter	S23	1680	185.184	1.026	50.1	1.2129	0.0000	SURCHARGED
1440 minute winter	S24	1590	184.976	0.999	22.8	1.4499	0.0000	SURCHARGED
1440 minute winter	S25	1410	184.968	1.042	22.1	1.1788	0.0000	SURCHARGED
15 minute winter	S26	11	185.419	0.042	3.1	0.0512	0.0000	OK
60 minute winter	FC1	47	188.999	0.749	3.1	2.5176	0.0000	FLOOD RISK
60 minute winter	FC2	47	188.894	0.744	3.1	2.5390	0.0000	FLOOD RISK
60 minute winter	FC3	56	188.973	0.773	4.9	4.8143	0.0000	FLOOD RISK
30 minute winter	FC4	27	188.906	0.705	3.6	1.8007	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S16	32.015	J38	44.9	1.128	0.306	0.0918
1440 minute winter	S17	23.001	J20	0.2	0.260	0.036	0.0560
1440 minute winter	S18	23.006	J24	1.7	0.408	0.121	0.0323
1440 minute winter	S19	23.010	J27	3.7	0.369	0.122	0.3541
1440 minute winter	S20	48.001	J41	1.0	0.492	0.165	0.0362
1440 minute winter	S21	48.004	J43	-4.4	0.599	-0.746	0.0399
1440 minute winter	S22	48.008	J46	11.3	0.641	0.841	0.0428
1440 minute winter	S23	48.011	J48	27.3	0.687	0.887	0.0447
1440 minute winter	S24	48.018	J56	23.3	0.464	0.436	0.2989
1440 minute winter	S25	48.021	BASIN 4	22.4	0.597	0.406	0.2248
15 minute winter	S26	65.001	J54	3.0	0.983	0.344	0.0261
60 minute winter	FC1	2.000	J1	1.2	0.585	0.200	0.0361
60 minute winter	FC2	3.000	J2	1.0	0.364	0.176	0.0343
60 minute winter	FC3	4.000	J3	0.9	0.562	0.137	0.0199
30 minute winter	FC4	5.000	J4	0.8	0.625	0.110	0.0098

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Results for 100 year +45% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC5	48	188.732	0.732	3.1	2.5091	0.0000	FLOOD RISK
30 minute winter	FC6	27	188.567	0.717	3.6	1.7969	0.0000	FLOOD RISK
30 minute winter	FC7	27	188.466	0.716	3.6	1.7977	0.0000	FLOOD RISK
60 minute winter	FC8	47	188.489	0.739	3.1	2.4980	0.0000	FLOOD RISK
30 minute winter	FC9	27	188.186	0.716	3.6	1.8001	0.0000	FLOOD RISK
60 minute winter	FC10	50	188.237	0.767	4.3	4.0052	0.0000	FLOOD RISK
60 minute winter	FC11	47	188.043	0.723	2.8	2.1326	0.0000	FLOOD RISK
60 minute winter	FC12	47	187.955	0.725	2.8	2.1318	0.0000	FLOOD RISK
60 minute winter	FC13	47	187.749	0.749	3.1	2.5009	0.0000	FLOOD RISK
60 minute winter	FC14	56	187.169	0.269	3.1	3.4379	0.0000	SURCHARGED
30 minute winter	FC15	27	187.921	0.721	3.6	1.7906	0.0000	FLOOD RISK
30 minute winter	FC16	27	187.620	0.719	3.6	1.7986	0.0000	FLOOD RISK
30 minute winter	FC17	27	187.721	0.721	3.6	1.7928	0.0000	FLOOD RISK
30 minute winter	FC18	27	187.272	0.722	3.6	1.7986	0.0000	FLOOD RISK
60 minute winter	FC19	47	187.150	0.750	3.1	2.5006	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC5	6.000	J5	0.8	0.522	0.143	0.0068
30 minute winter	FC6	7.000	J6	0.8	0.690	0.097	0.0206
30 minute winter	FC7	8.000	J7	0.8	0.596	0.119	0.0248
60 minute winter	FC8	9.000	J8	0.9	0.743	0.088	0.0055
30 minute winter	FC9	10.000	J9	0.8	0.527	0.141	0.0115
60 minute winter	FC10	11.000	J10	0.9	0.574	0.131	0.0095
60 minute winter	FC11	12.000	J11	0.8	0.526	0.143	0.0124
60 minute winter	FC12	13.000	S2	0.8	0.526	0.143	0.0111
60 minute winter	FC13	14.000	J12	0.9	0.529	0.145	0.0111
60 minute winter	FC14	15.000	J13	0.5	0.457	0.085	0.0219
30 minute winter	FC15	16.000	J14	0.8	1.123	0.049	0.0150
30 minute winter	FC16	17.000	J15	0.8	0.561	0.130	0.0186
30 minute winter	FC17	18.000	J16	0.8	0.891	0.067	0.0046
30 minute winter	FC18	19.000	J17	0.8	0.525	0.143	0.0113
60 minute winter	FC19	20.000	S3	0.9	0.527	0.146	0.0125

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Results for 100 year +45% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC20	47	187.686	0.736	3.1	2.4937	0.0000	FLOOD RISK
60 minute winter	FC21	47	187.039	0.739	3.1	2.5055	0.0000	FLOOD RISK
1440 minute winter	FC22	1350	186.927	0.477	0.3	4.6410	0.0000	SURCHARGED
30 minute winter	FC23	27	187.018	0.718	3.6	1.7992	0.0000	FLOOD RISK
60 minute winter	FC24	47	187.041	0.741	3.1	2.5013	0.0000	FLOOD RISK
60 minute winter	FC25	47	187.288	0.738	3.1	2.4929	0.0000	FLOOD RISK
1440 minute winter	FC26	1350	186.927	0.477	0.3	4.8267	0.0000	SURCHARGED
30 minute winter	FC27	27	187.213	0.713	3.6	1.7928	0.0000	FLOOD RISK
60 minute winter	FC28	47	187.234	0.734	3.1	2.4946	0.0000	FLOOD RISK
60 minute winter	FC29	47	187.246	0.746	3.4	2.8498	0.0000	FLOOD RISK
60 minute winter	FC30	47	187.486	0.736	3.1	2.4952	0.0000	FLOOD RISK
30 minute winter	FC31	27	187.174	0.724	3.6	1.8976	0.0000	FLOOD RISK
30 minute winter	FC32	27	187.168	0.718	3.6	1.7984	0.0000	FLOOD RISK
60 minute winter	FC33	47	187.195	0.745	3.1	2.4910	0.0000	FLOOD RISK
60 minute winter	FC34	47	187.195	0.745	3.1	2.5024	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC20	21.000	J18	0.9	1.063	0.053	0.0035
60 minute winter	FC21	22.000	J19	0.9	0.527	0.145	0.0124
1440 minute winter	FC22	23.000	S17	0.3	0.489	0.015	0.0373
30 minute winter	FC23	24.000	J20	0.8	0.545	0.133	0.0071
60 minute winter	FC24	25.000	J21	0.9	0.615	0.115	0.0065
60 minute winter	FC25	26.000	J22	0.9	1.055	0.054	0.0039
1440 minute winter	FC26	27.000	J23	0.3	0.643	0.020	0.0361
30 minute winter	FC27	28.000	J24	0.8	1.158	0.046	0.0033
60 minute winter	FC28	29.000	J25	0.9	1.060	0.054	0.0035
60 minute winter	FC29	30.000	J26	0.9	1.034	0.056	0.0039
60 minute winter	FC30	31.000	J27	0.9	0.989	0.059	0.0038
30 minute winter	FC31	33.000	J28	1.6	0.606	0.181	0.0333
30 minute winter	FC32	34.000	J29	1.1	0.461	0.088	0.0243
60 minute winter	FC33	35.000	S12	0.9	0.973	0.061	0.0124
60 minute winter	FC34	36.000	J30	0.9	0.541	0.139	0.0076

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Results for 100 year +45% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC35	47	187.186	0.736	3.1	2.4949	0.0000	FLOOD RISK
60 minute winter	FC36	47	187.187	0.737	3.4	2.8531	0.0000	FLOOD RISK
60 minute winter	FC37	49	186.565	0.765	4.0	3.6013	0.0000	FLOOD RISK
60 minute winter	FC38	53	185.670	0.220	2.5	2.6487	0.0000	SURCHARGED
30 minute winter	FC39	27	186.153	0.703	3.6	1.7977	0.0000	FLOOD RISK
60 minute winter	FC40	48	186.195	0.695	3.1	2.5254	0.0000	SURCHARGED
60 minute winter	FC41	47	185.578	0.728	3.1	2.5021	0.0000	FLOOD RISK
60 minute winter	FC42	48	185.328	0.728	3.1	2.5047	0.0000	FLOOD RISK
60 minute winter	FC43	48	185.250	0.650	3.1	2.5424	0.0000	SURCHARGED
15 minute winter	FC44	10	184.647	0.047	4.6	0.0608	0.0000	OK
15 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC46	50	185.467	0.767	4.3	4.0066	0.0000	FLOOD RISK
1440 minute winter	FC47	1560	185.035	0.285	0.4	0.3223	0.0000	SURCHARGED
60 minute winter	FC48	47	185.539	0.739	3.1	2.4937	0.0000	FLOOD RISK
60 minute winter	FC49	47	185.540	0.740	3.1	2.5053	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC35	37.000	J31	0.9	0.975	0.060	0.0157
60 minute winter	FC36	38.000	J32	0.9	1.047	0.054	0.0138
60 minute winter	FC37	39.000	J33	0.9	0.706	0.098	0.0105
60 minute winter	FC38	40.000	J34	0.5	0.747	0.037	0.0029
30 minute winter	FC39	41.000	J35	0.8	0.980	0.058	0.0038
60 minute winter	FC40	42.000	J36	0.8	1.199	0.043	0.0035
60 minute winter	FC41	43.000	J37	0.9	0.786	0.081	0.0072
60 minute winter	FC42	44.000	J38	0.8	0.684	0.098	0.0223
60 minute winter	FC43	45.000	J39	0.8	0.787	0.074	0.0183
15 minute winter	FC44	46.000	J40	4.6	1.185	0.405	0.0245
15 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
60 minute winter	FC46	48.000	S20	0.9	0.515	0.147	0.0154
1440 minute winter	FC47	49.000	J41	0.4	0.056	0.042	0.0414
60 minute winter	FC48	50.000	J42	0.9	0.625	0.061	0.0124
60 minute winter	FC49	51.000	S21	0.9	0.523	0.144	0.0071

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Results for 100 year +45% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC50	47	185.542	0.742	3.1	2.5046	0.0000	FLOOD RISK
60 minute winter	FC51	48	185.578	0.728	3.1	2.5108	0.0000	FLOOD RISK
60 minute winter	FC52	48	185.993	0.743	3.7	3.2262	0.0000	FLOOD RISK
60 minute winter	FC53	47	185.988	0.738	3.1	2.4992	0.0000	FLOOD RISK
30 minute winter	FC54	27	185.965	0.715	3.6	1.7952	0.0000	FLOOD RISK
30 minute winter	FC55	27	185.960	0.710	3.6	1.7951	0.0000	FLOOD RISK
60 minute winter	FC56	47	186.085	0.735	3.1	2.4946	0.0000	FLOOD RISK
60 minute winter	FC57	47	186.089	0.739	3.1	2.4941	0.0000	FLOOD RISK
30 minute winter	FC58	27	186.062	0.712	3.6	1.7952	0.0000	FLOOD RISK
30 minute winter	FC59	27	186.069	0.719	3.6	1.7936	0.0000	FLOOD RISK
60 minute winter	FC60	47	186.090	0.740	3.1	2.4953	0.0000	FLOOD RISK
60 minute winter	FC61	47	186.040	0.740	3.1	2.4992	0.0000	FLOOD RISK
60 minute winter	FC62	52	186.023	0.773	4.6	4.3919	0.0000	FLOOD RISK
30 minute winter	FC63	27	186.115	0.715	3.6	1.8008	0.0000	FLOOD RISK
60 minute winter	FC64	47	185.902	0.902	3.1	2.4092	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC50	52.000	J43	0.9	0.524	0.144	0.0076
60 minute winter	FC51	55.000	S22	0.8	0.525	0.143	0.0099
60 minute winter	FC52	58.000	S23	0.9	0.768	0.085	0.0061
60 minute winter	FC53	61.000	J50	0.9	0.720	0.092	0.0051
30 minute winter	FC54	62.000	J51	0.8	0.795	0.078	0.0042
30 minute winter	FC55	64.000	J53	0.8	1.004	0.056	0.0035
60 minute winter	FC56	53.000	J44	0.9	1.043	0.055	0.0054
60 minute winter	FC57	54.000	J45	0.9	0.979	0.061	0.0057
30 minute winter	FC58	56.000	J46	0.8	0.935	0.063	0.0056
30 minute winter	FC59	57.000	J47	0.8	0.868	0.070	0.0062
60 minute winter	FC60	59.000	J48	0.9	0.863	0.072	0.0066
60 minute winter	FC61	60.000	J49	0.9	0.692	0.099	0.0092
60 minute winter	FC62	63.000	J52	0.9	0.641	0.114	0.0128
30 minute winter	FC63	65.000	S26	0.8	0.572	0.143	0.0053
60 minute winter	FC64	66.000	J54	0.9	0.385	0.161	0.0077

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Results for 100 year +45% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC65	47	185.895	0.745	3.1	2.4884	0.0000	FLOOD RISK
60 minute winter	FC66	47	185.746	0.746	3.1	2.5006	0.0000	FLOOD RISK
60 minute winter	FC67	53	185.052	0.252	2.5	2.5972	0.0000	SURCHARGED
30 minute winter	FC68	27	185.265	0.715	3.6	1.7973	0.0000	FLOOD RISK
15 minute winter	J1	12	188.504	0.304	11.3	0.4106	0.0000	SURCHARGED
15 minute winter	J2	12	188.286	0.180	11.4	0.2032	0.0000	SURCHARGED
15 minute winter	J3	13	188.152	0.106	12.1	0.1202	0.0000	OK
15 minute winter	J4	13	188.111	0.076	13.0	0.0863	0.0000	OK
15 minute winter	J5	13	187.976	0.066	13.8	0.0744	0.0000	OK
15 minute winter	J6	13	187.762	0.112	14.6	0.1263	0.0000	OK
15 minute winter	J7	13	187.721	0.121	15.4	0.1372	0.0000	OK
15 minute winter	J8	13	187.679	0.086	16.2	0.0977	0.0000	OK
15 minute winter	J9	13	187.386	0.111	17.0	0.1252	0.0000	OK
15 minute winter	J10	13	187.338	0.068	17.5	0.0768	0.0000	OK
15 minute winter	J11	13	187.222	0.101	18.7	0.1142	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC65	67.000	J55	0.9	0.654	0.046	0.0063
60 minute winter	FC66	68.000	S24	0.9	0.587	0.119	0.0031
60 minute winter	FC67	69.000	J56	0.5	0.438	0.082	0.0023
30 minute winter	FC68	70.000	J57	0.8	0.685	0.094	0.0028
15 minute winter	J1	1.001	J2	10.7	1.369	1.291	0.0393
15 minute winter	J2	1.002	J3	11.3	1.445	1.910	0.0080
15 minute winter	J3	1.003	J4	12.1	1.082	0.914	0.0218
15 minute winter	J4	1.004	J5	13.0	1.580	0.386	0.0290
15 minute winter	J5	1.005	J6	13.8	1.277	0.361	0.0610
15 minute winter	J6	1.006	J7	14.6	0.996	0.514	0.0288
15 minute winter	J7	1.007	J8	15.4	1.184	1.106	0.0145
15 minute winter	J8	1.008	J9	16.2	1.639	0.536	0.0837
15 minute winter	J9	1.009	J10	16.7	1.139	0.500	0.0177
15 minute winter	J10	1.010	J11	17.8	1.349	0.138	0.0334
15 minute winter	J11	1.011	S2	18.7	0.816	0.290	0.1325

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Results for 100 year +45% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J12	12	186.943	0.134	29.7	0.1514	0.0000	OK
1440 minute winter	J13	1380	186.931	0.229	6.1	0.2590	0.0000	SURCHARGED
1440 minute winter	J14	1380	186.930	0.234	6.4	0.2652	0.0000	SURCHARGED
1440 minute winter	J15	1380	186.930	0.242	6.7	0.2739	0.0000	SURCHARGED
1440 minute winter	J16	1380	186.928	0.258	7.0	0.2923	0.0000	SURCHARGED
1440 minute winter	J17	1380	186.928	0.570	7.3	0.6449	0.0000	SURCHARGED
1440 minute winter	J18	1380	186.930	0.736	9.2	0.8329	0.0000	SURCHARGED
1440 minute winter	J19	1350	186.927	0.900	9.2	1.0182	0.0000	SURCHARGED
1440 minute winter	J20	1350	186.928	0.997	0.5	1.1270	0.0000	SURCHARGED
1440 minute winter	J21	1350	186.928	1.033	0.7	1.1678	0.0000	SURCHARGED
1440 minute winter	J22	1380	186.928	1.110	1.0	1.2556	0.0000	SURCHARGED
1440 minute winter	J23	1380	186.928	1.145	1.1	1.2954	0.0000	SURCHARGED
1440 minute winter	J24	1380	186.928	1.278	2.0	1.4450	0.0000	FLOOD RISK
1440 minute winter	J25	1350	186.927	1.312	2.2	1.4843	0.0000	FLOOD RISK
1440 minute winter	J26	1380	186.929	1.342	2.5	1.5183	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J12	1.013	J13	29.5	0.896	0.441	0.2073
1440 minute winter	J13	1.014	J14	6.1	0.481	0.194	0.0754
1440 minute winter	J14	1.015	J15	6.4	0.553	0.204	0.0762
1440 minute winter	J15	1.016	J16	6.7	0.711	0.218	0.2039
1440 minute winter	J16	1.017	J17	7.0	0.939	0.116	0.1336
1440 minute winter	J17	1.018	S3	10.8	0.942	0.074	0.0750
1440 minute winter	J18	1.020	J19	8.2	1.555	0.063	0.0592
1440 minute winter	J19	1.021	S4	8.4	0.592	0.152	0.3096
1440 minute winter	J20	23.002	J21	0.4	0.352	0.071	0.0295
1440 minute winter	J21	23.003	J22	0.7	0.420	0.116	0.0627
1440 minute winter	J22	23.004	J23	0.9	0.496	0.152	0.0281
1440 minute winter	J23	23.005	S18	1.1	0.540	0.183	0.0587
1440 minute winter	J24	23.007	J25	1.9	0.438	0.141	0.1088
1440 minute winter	J25	23.008	J26	2.1	0.450	0.158	0.0874
1440 minute winter	J26	23.009	S19	2.6	0.506	0.198	0.0652

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Results for 100 year +45% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J27	1350	186.927	1.466	4.2	1.6584	0.0000	SURCHARGED
15 minute winter	J28	13	186.829	0.473	11.4	0.5348	0.0000	SURCHARGED
15 minute winter	J29	14	186.520	0.249	10.7	0.2814	0.0000	SURCHARGED
15 minute winter	J30	15	186.289	0.142	12.2	0.1605	0.0000	OK
15 minute winter	J31	15	186.254	0.135	13.1	0.1524	0.0000	OK
15 minute winter	J32	15	186.183	0.119	13.9	0.1350	0.0000	OK
15 minute winter	J33	12	185.787	0.177	21.6	0.1998	0.0000	SURCHARGED
15 minute winter	J34	11	185.284	0.158	32.7	0.1792	0.0000	OK
15 minute winter	J35	11	185.187	0.112	33.5	0.1266	0.0000	OK
15 minute winter	J36	12	185.040	0.165	34.4	0.1870	0.0000	OK
15 minute winter	J37	12	184.874	0.299	42.8	0.3386	0.0000	SURCHARGED
15 minute winter	J38	12	184.762	0.387	45.4	0.4378	0.0000	SURCHARGED
15 minute winter	J39	12	184.643	0.305	46.1	0.3444	0.0000	SURCHARGED
15 minute winter	J40	12	184.579	0.254	49.5	0.2871	0.0000	SURCHARGED
1440 minute winter	J41	1560	185.035	0.438	1.8	0.4956	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J27	23.011	S4	3.3	0.419	0.109	0.0951
15 minute winter	J28	32.001	J29	10.2	1.304	1.722	0.0691
15 minute winter	J29	32.002	S12	10.7	1.364	1.798	0.0361
15 minute winter	J30	32.004	J31	12.2	0.722	0.921	0.0844
15 minute winter	J31	32.005	J32	13.1	0.821	0.983	0.1545
15 minute winter	J32	32.006	S13	13.9	1.134	1.045	0.0673
15 minute winter	J33	32.008	S14	21.8	1.237	0.612	0.1598
15 minute winter	J34	32.010	J35	32.7	1.315	0.849	0.2237
15 minute winter	J35	32.011	J36	33.6	1.318	0.377	0.1750
15 minute winter	J36	32.012	S15	34.3	1.415	1.144	0.0629
15 minute winter	J37	32.014	S16	41.4	1.403	1.360	0.2062
15 minute winter	J38	32.016	J39	45.3	1.139	1.500	0.4302
15 minute winter	J39	32.017	J40	46.3	1.163	1.502	0.1454
15 minute winter	J40	32.018	S10	49.5	1.260	1.148	0.3575
1440 minute winter	J41	48.002	J42	1.9	0.438	0.313	0.0486

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Results for 100 year +45% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J42	1560	185.027	0.490	2.8	0.5539	0.0000	SURCHARGED
1440 minute winter	J43	1680	185.044	0.684	6.4	0.7731	0.0000	SURCHARGED
1440 minute winter	J44	1680	185.047	0.697	7.5	0.7879	0.0000	SURCHARGED
1440 minute winter	J45	1680	185.069	0.769	8.6	0.8696	0.0000	SURCHARGED
1440 minute winter	J46	1680	185.099	0.827	11.6	0.9348	0.0000	SURCHARGED
1440 minute winter	J47	1680	185.120	0.872	12.5	0.9862	0.0000	SURCHARGED
1440 minute winter	J48	1680	185.065	0.911	79.2	1.0301	0.0000	SURCHARGED
1440 minute winter	J49	1680	185.138	1.009	128.6	1.1414	0.0000	SURCHARGED
1440 minute winter	J50	1530	184.987	0.862	87.2	0.9751	0.0000	SURCHARGED
1440 minute winter	J51	1620	185.053	0.945	113.1	1.0691	0.0000	SURCHARGED
1440 minute winter	J52	1590	185.064	0.960	60.2	1.0855	0.0000	SURCHARGED
1440 minute winter	J53	1620	184.987	0.900	19.2	1.0182	0.0000	SURCHARGED
15 minute winter	J54	11	185.047	0.068	3.9	0.0774	0.0000	OK
15 minute winter	J55	12	185.016	0.071	4.7	0.0809	0.0000	OK
1440 minute winter	J56	1410	184.978	1.011	23.3	1.1434	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J42	48.003	S21	-2.8	0.483	-0.477	0.0640
1440 minute winter	J43	48.005	J44	-6.4	0.455	-0.460	0.0283
1440 minute winter	J44	48.006	J45	-7.5	0.454	-0.559	0.1545
1440 minute winter	J45	48.007	S22	-8.6	-0.488	-0.634	0.0419
1440 minute winter	J46	48.009	J47	12.5	0.710	0.936	0.0742
1440 minute winter	J47	48.010	S23	-11.1	-0.630	-0.832	0.0465
1440 minute winter	J48	48.012	J49	-13.6	0.419	-0.455	0.2962
1440 minute winter	J49	48.013	J50	-47.1	-1.185	-1.538	0.0451
1440 minute winter	J50	48.014	J51	-16.5	0.429	-0.551	0.2018
1440 minute winter	J51	48.015	J52	-85.8	-2.159	-2.801	0.0451
1440 minute winter	J52	48.016	J53	19.2	0.515	0.629	0.1938
1440 minute winter	J53	48.017	S24	22.8	0.591	0.757	0.4079
15 minute winter	J54	65.002	J55	3.8	0.661	0.650	0.0213
15 minute winter	J55	65.003	S24	4.6	0.803	0.785	0.0453
1440 minute winter	J56	48.019	J57	23.4	0.485	0.432	0.6398

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Results for 100 year +45% CC Critical Storm Duration. Lowest mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J57	1410	184.975	1.029	23.4	1.1643	0.0000	SURCHARGED
1440 minute winter	BASIN 1	1350	186.927	1.927	12.0	300.0778	0.0000	FLOOD RISK
1440 minute winter	BASIN 2	1380	184.869	0.569	1.9	57.6929	0.0000	OK
1440 minute winter	BASIN 3	1680	183.568	0.468	8.2	337.2185	0.0000	SURCHARGED
1440 minute winter	BASIN 4	1410	184.963	1.633	22.4	273.5995	0.0000	SURCHARGED
1440 minute winter	SWALE 1	1350	184.971	0.039	1.9	0.0440	0.0000	OK
1440 minute winter	SWALE 2	1380	184.489	0.039	1.9	0.0446	0.0000	OK
15 minute winter	SWALE 3	12	184.295	0.225	60.4	0.2544	0.0000	OK
1440 minute winter	BH1	1380	184.869	0.792	0.4	3.0988	0.0000	OK
1440 minute winter	BH2	1680	183.568	0.516	0.6	4.1690	0.0000	OK
1440 minute winter	BH3	1410	184.963	1.657	0.9	7.7227	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J57	48.020	S25	22.1	0.516	0.409	0.5574
1440 minute winter	BASIN 1	1.023	S5	2.0	0.116	0.037	0.6013
1440 minute winter	BASIN 2	1.027	S7	1.9	0.484	0.035	0.0854
1440 minute winter	BASIN 2	71.000	BH1	0.4	0.378	0.073	0.1829
1440 minute winter	BASIN 3	1.034	BH2	0.6	0.185	0.008	2.9796
1440 minute winter	BASIN 4	48.022	BH3	0.9	0.315	0.016	0.7181
1440 minute winter	SWALE 1	1.025	S6	1.9	0.358	0.037	0.2073
1440 minute winter	SWALE 2	1.029	S8	1.9	0.469	0.035	0.1040
15 minute winter	SWALE 3	1.033	BASIN 3	60.0	1.155	0.865	2.2451
1440 minute winter	BH1	Infiltration		0.1			
1440 minute winter	BH2	Infiltration		0.2			
1440 minute winter	BH3	Infiltration		0.2			

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.68%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S1	11	188.396	0.026	1.3	0.0353	0.0000	OK
15 minute summer	S2	12	187.130	0.091	9.2	0.1335	0.0000	OK
15 minute summer	S3	13	186.306	0.094	12.5	0.1224	0.0000	OK
15 minute summer	S4	12	185.462	0.084	20.4	0.1001	0.0000	OK
15 minute summer	S5	51	185.158	0.178	1.4	0.2012	0.0000	OK
15 minute summer	S6	57	184.866	0.022	0.6	0.0251	0.0000	OK
15 minute summer	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S9	13	184.254	0.054	0.8	0.0606	0.0000	OK
15 minute summer	S10	13	184.253	0.069	16.2	0.1057	0.0000	OK
15 minute summer	S11	10	186.455	0.055	3.1	0.0904	0.0000	OK
15 minute summer	S12	12	186.239	0.063	4.1	0.0713	0.0000	OK
15 minute summer	S13	12	186.083	0.049	6.9	0.0697	0.0000	OK
15 minute summer	S14	12	185.338	0.088	9.5	0.1388	0.0000	OK
15 minute summer	S15	12	184.921	0.054	12.2	0.0759	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	S1	1.000	J1	1.3	0.545	0.149	0.0203
15 minute summer	S2	1.012	J12	9.1	0.673	0.306	0.0203
15 minute summer	S3	1.019	J18	12.5	1.026	0.410	0.0631
15 minute summer	S4	1.022	BASIN 1	20.7	2.205	0.124	0.3256
15 minute summer	S5	1.024	SWALE 1	0.6	0.304	0.010	0.0456
15 minute summer	S6	1.026	BASIN 2	0.6	0.293	0.010	0.0111
15 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
15 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0510
15 minute summer	S9	1.031	S10	-0.8	-0.173	-0.014	0.0694
15 minute summer	S10	1.032	SWALE 3	16.1	1.052	0.089	0.0710
15 minute summer	S11	32.000	J28	3.0	0.677	0.507	0.0203
15 minute summer	S12	32.003	J30	4.1	0.564	0.305	0.0371
15 minute summer	S13	32.007	J33	6.9	1.429	0.213	0.0625
15 minute summer	S14	32.009	J34	9.6	0.947	0.553	0.0531
15 minute summer	S15	32.013	J37	11.9	1.063	0.129	0.1056

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.68%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S16	12	184.608	0.051	13.0	0.0646	0.0000	OK
15 minute summer	S17	18	186.011	0.011	0.2	0.0128	0.0000	OK
15 minute summer	S18	11	185.721	0.060	3.3	0.0847	0.0000	OK
15 minute summer	S19	12	185.568	0.077	6.6	0.1051	0.0000	OK
15 minute summer	S20	11	184.672	0.030	1.1	0.0360	0.0000	OK
15 minute summer	S21	12	184.505	0.046	2.3	0.0542	0.0000	OK
15 minute summer	S22	13	184.359	0.073	4.6	0.0894	0.0000	OK
15 minute summer	S23	14	184.244	0.086	6.2	0.1018	0.0000	OK
15 minute summer	S24	14	184.087	0.110	11.9	0.1593	0.0000	OK
15 minute summer	S25	14	184.025	0.098	12.5	0.1114	0.0000	OK
15 minute summer	S26	11	185.398	0.021	0.8	0.0256	0.0000	OK
15 minute summer	FC1	14	188.482	0.232	1.2	0.3083	0.0000	SURCHARGED
15 minute summer	FC2	14	188.382	0.232	1.2	0.3085	0.0000	SURCHARGED
15 minute summer	FC3	14	188.564	0.364	2.0	0.5276	0.0000	SURCHARGED
15 minute summer	FC4	13	188.379	0.179	1.0	0.2305	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	S16	32.015	J38	13.0	0.989	0.088	0.0310
15 minute summer	S17	23.001	J20	0.2	0.262	0.027	0.0059
15 minute summer	S18	23.006	J24	3.3	0.519	0.241	0.0118
15 minute summer	S19	23.010	J27	6.6	0.544	0.219	0.1079
15 minute summer	S20	48.001	J41	1.0	0.547	0.173	0.0088
15 minute summer	S21	48.004	J43	2.3	0.677	0.383	0.0171
15 minute summer	S22	48.008	J46	4.6	0.546	0.341	0.0206
15 minute summer	S23	48.011	J48	6.1	0.466	0.199	0.0152
15 minute summer	S24	48.018	J56	11.9	0.531	0.222	0.0964
15 minute summer	S25	48.021	BASIN 4	12.4	0.687	0.225	0.0579
15 minute summer	S26	65.001	J54	0.8	0.690	0.094	0.0101
15 minute summer	FC1	2.000	J1	0.5	0.449	0.075	0.0100
15 minute summer	FC2	3.000	J2	0.5	0.282	0.078	0.0138
15 minute summer	FC3	4.000	J3	0.6	0.503	0.093	0.0110
15 minute summer	FC4	5.000	J4	0.4	0.509	0.054	0.0059

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.68%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC5	14	188.232	0.232	1.2	0.3086	0.0000	SURCHARGED
15 minute summer	FC6	13	188.028	0.178	1.0	0.2302	0.0000	SURCHARGED
15 minute summer	FC7	13	187.929	0.179	1.0	0.2307	0.0000	SURCHARGED
15 minute summer	FC8	14	187.981	0.231	1.2	0.3071	0.0000	SURCHARGED
15 minute summer	FC9	13	187.649	0.179	1.0	0.2312	0.0000	SURCHARGED
15 minute summer	FC10	14	187.783	0.313	1.7	0.4417	0.0000	SURCHARGED
15 minute summer	FC11	13	187.516	0.196	1.1	0.2571	0.0000	SURCHARGED
15 minute summer	FC12	13	187.426	0.196	1.1	0.2571	0.0000	SURCHARGED
15 minute summer	FC13	14	187.232	0.232	1.2	0.3085	0.0000	SURCHARGED
15 minute summer	FC14	16	186.936	0.036	1.2	0.4613	0.0000	OK
15 minute summer	FC15	13	187.378	0.178	1.0	0.2294	0.0000	SURCHARGED
15 minute summer	FC16	13	187.079	0.179	1.0	0.2309	0.0000	SURCHARGED
15 minute summer	FC17	13	187.178	0.178	1.0	0.2296	0.0000	SURCHARGED
15 minute summer	FC18	13	186.729	0.179	1.0	0.2312	0.0000	SURCHARGED
15 minute summer	FC19	14	186.632	0.232	1.2	0.3085	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC5	6.000	J5	0.5	0.441	0.078	0.0044
15 minute summer	FC6	7.000	J6	0.4	0.560	0.047	0.0053
15 minute summer	FC7	8.000	J7	0.4	0.486	0.057	0.0061
15 minute summer	FC8	9.000	J8	0.5	0.627	0.048	0.0031
15 minute summer	FC9	10.000	J9	0.4	0.429	0.068	0.0068
15 minute summer	FC10	11.000	J10	0.5	0.503	0.082	0.0068
15 minute summer	FC11	12.000	J11	0.4	0.433	0.072	0.0076
15 minute summer	FC12	13.000	S2	0.4	0.433	0.072	0.0068
15 minute summer	FC13	14.000	J12	0.5	0.445	0.078	0.0071
15 minute summer	FC14	15.000	J13	0.2	0.325	0.027	0.0037
15 minute summer	FC15	16.000	J14	0.4	0.909	0.024	0.0021
15 minute summer	FC16	17.000	J15	0.4	0.455	0.063	0.0068
15 minute summer	FC17	18.000	J16	0.4	0.723	0.033	0.0027
15 minute summer	FC18	19.000	J17	0.4	0.426	0.069	0.0067
15 minute summer	FC19	20.000	S3	0.5	0.443	0.079	0.0069

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.68%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC20	14	187.180	0.230	1.2	0.3062	0.0000	SURCHARGED
15 minute summer	FC21	14	186.532	0.232	1.2	0.3084	0.0000	SURCHARGED
15 minute summer	FC22	16	186.486	0.036	1.0	0.3513	0.0000	OK
15 minute summer	FC23	13	186.479	0.179	1.0	0.2311	0.0000	SURCHARGED
15 minute summer	FC24	14	186.531	0.231	1.2	0.3078	0.0000	SURCHARGED
15 minute summer	FC25	14	186.780	0.230	1.2	0.3062	0.0000	SURCHARGED
15 minute summer	FC26	16	186.485	0.035	1.0	0.3534	0.0000	OK
15 minute summer	FC27	13	186.678	0.178	1.0	0.2294	0.0000	SURCHARGED
15 minute summer	FC28	14	186.730	0.230	1.2	0.3062	0.0000	SURCHARGED
15 minute summer	FC29	14	186.746	0.246	1.3	0.3319	0.0000	SURCHARGED
15 minute summer	FC30	14	186.980	0.230	1.2	0.3063	0.0000	SURCHARGED
15 minute summer	FC31	13	186.628	0.178	1.0	0.2301	0.0000	SURCHARGED
15 minute summer	FC32	13	186.628	0.178	1.0	0.2296	0.0000	SURCHARGED
15 minute summer	FC33	14	186.680	0.230	1.2	0.3063	0.0000	SURCHARGED
15 minute summer	FC34	14	186.682	0.232	1.2	0.3084	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC20	21.000	J18	0.5	0.893	0.029	0.0023
15 minute summer	FC21	22.000	J19	0.5	0.444	0.079	0.0080
15 minute summer	FC22	23.000	S17	0.2	0.677	0.009	0.0017
15 minute summer	FC23	24.000	J20	0.4	0.444	0.064	0.0042
15 minute summer	FC24	25.000	J21	0.5	0.519	0.063	0.0042
15 minute summer	FC25	26.000	J22	0.5	0.886	0.030	0.0025
15 minute summer	FC26	27.000	J23	0.2	0.564	0.012	0.0013
15 minute summer	FC27	28.000	J24	0.4	0.938	0.023	0.0020
15 minute summer	FC28	29.000	J25	0.5	0.891	0.029	0.0023
15 minute summer	FC29	30.000	J26	0.5	0.876	0.032	0.0026
15 minute summer	FC30	31.000	J27	0.5	0.833	0.032	0.0025
15 minute summer	FC31	33.000	J28	0.4	0.410	0.045	0.0111
15 minute summer	FC32	34.000	J29	0.4	0.318	0.033	0.0116
15 minute summer	FC33	35.000	S12	0.5	0.819	0.033	0.0024
15 minute summer	FC34	36.000	J30	0.5	0.456	0.075	0.0049

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.68%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC35	14	186.680	0.230	1.2	0.3063	0.0000	SURCHARGED
15 minute summer	FC36	14	186.696	0.246	1.3	0.3318	0.0000	SURCHARGED
15 minute summer	FC37	14	186.096	0.296	1.6	0.4117	0.0000	SURCHARGED
15 minute summer	FC38	17	185.480	0.030	1.0	0.3628	0.0000	OK
15 minute summer	FC39	13	185.628	0.178	1.0	0.2295	0.0000	SURCHARGED
15 minute summer	FC40	14	185.730	0.230	1.2	0.3060	0.0000	SURCHARGED
15 minute summer	FC41	14	185.081	0.231	1.2	0.3069	0.0000	SURCHARGED
15 minute summer	FC42	14	184.831	0.231	1.2	0.3074	0.0000	SURCHARGED
15 minute summer	FC43	14	184.831	0.231	1.2	0.3068	0.0000	SURCHARGED
15 minute summer	FC44	10	184.621	0.021	1.0	0.0267	0.0000	OK
15 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	FC46	14	185.013	0.313	1.7	0.4420	0.0000	SURCHARGED
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute summer	FC48	14	185.030	0.230	1.2	0.3063	0.0000	SURCHARGED
15 minute summer	FC49	14	185.032	0.232	1.2	0.3086	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC35	37.000	J31	0.5	0.822	0.033	0.0036
15 minute summer	FC36	38.000	J32	0.5	0.887	0.031	0.0037
15 minute summer	FC37	39.000	J33	0.5	0.613	0.060	0.0057
15 minute summer	FC38	40.000	J34	0.1	0.523	0.011	0.0013
15 minute summer	FC39	41.000	J35	0.4	0.798	0.028	0.0023
15 minute summer	FC40	42.000	J36	0.5	1.015	0.025	0.0024
15 minute summer	FC41	43.000	J37	0.5	0.664	0.045	0.0036
15 minute summer	FC42	44.000	J38	0.5	0.578	0.054	0.0040
15 minute summer	FC43	45.000	J39	0.5	0.676	0.043	0.0030
15 minute summer	FC44	46.000	J40	1.0	0.853	0.086	0.0050
15 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
15 minute summer	FC46	48.000	S20	0.5	0.442	0.091	0.0090
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0050
15 minute summer	FC48	50.000	J42	0.5	0.644	0.034	0.0073
15 minute summer	FC49	51.000	S21	0.5	0.441	0.079	0.0046

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.68%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC50	14	185.032	0.232	1.2	0.3086	0.0000	SURCHARGED
15 minute summer	FC51	14	185.082	0.232	1.2	0.3085	0.0000	SURCHARGED
15 minute summer	FC52	14	185.516	0.266	1.5	0.3651	0.0000	SURCHARGED
15 minute summer	FC53	14	185.481	0.231	1.2	0.3072	0.0000	SURCHARGED
15 minute summer	FC54	13	185.428	0.178	1.0	0.2299	0.0000	SURCHARGED
15 minute summer	FC55	13	185.428	0.178	1.0	0.2294	0.0000	SURCHARGED
15 minute summer	FC56	14	185.580	0.230	1.2	0.3062	0.0000	SURCHARGED
15 minute summer	FC57	14	185.580	0.230	1.2	0.3063	0.0000	SURCHARGED
15 minute summer	FC58	13	185.528	0.178	1.0	0.2295	0.0000	SURCHARGED
15 minute summer	FC59	13	185.528	0.178	1.0	0.2297	0.0000	SURCHARGED
15 minute summer	FC60	14	185.580	0.230	1.2	0.3066	0.0000	SURCHARGED
15 minute summer	FC61	14	185.531	0.231	1.2	0.3073	0.0000	SURCHARGED
15 minute summer	FC62	14	185.584	0.334	1.8	0.4778	0.0000	SURCHARGED
15 minute summer	FC63	13	185.579	0.179	1.0	0.2313	0.0000	SURCHARGED
15 minute summer	FC64	14	185.232	0.232	1.2	0.3085	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC50	52.000	J43	0.5	0.442	0.079	0.0049
15 minute summer	FC51	55.000	S22	0.5	0.444	0.079	0.0064
15 minute summer	FC52	58.000	S23	0.5	0.660	0.050	0.0042
15 minute summer	FC53	61.000	J50	0.5	0.607	0.050	0.0033
15 minute summer	FC54	62.000	J51	0.4	0.648	0.038	0.0025
15 minute summer	FC55	64.000	J53	0.4	0.816	0.028	0.0021
15 minute summer	FC56	53.000	J44	0.5	0.875	0.030	0.0035
15 minute summer	FC57	54.000	J45	0.5	0.822	0.033	0.0037
15 minute summer	FC58	56.000	J46	0.4	0.759	0.031	0.0034
15 minute summer	FC59	57.000	J47	0.4	0.704	0.034	0.0037
15 minute summer	FC60	59.000	J48	0.5	0.725	0.040	0.0043
15 minute summer	FC61	60.000	J49	0.5	0.581	0.054	0.0060
15 minute summer	FC62	63.000	J52	0.6	0.565	0.074	0.0094
15 minute summer	FC63	65.000	S26	0.4	0.442	0.069	0.0026
15 minute summer	FC64	66.000	J54	0.5	0.320	0.079	0.0036

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.68%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC65	14	185.380	0.230	1.2	0.3060	0.0000	SURCHARGED
15 minute summer	FC66	14	185.232	0.231	1.2	0.3081	0.0000	SURCHARGED
15 minute summer	FC67	16	184.834	0.034	1.0	0.3548	0.0000	OK
15 minute summer	FC68	13	184.728	0.178	1.0	0.2303	0.0000	SURCHARGED
15 minute summer	J1	11	188.244	0.044	3.0	0.0596	0.0000	OK
15 minute summer	J2	12	188.168	0.062	3.4	0.0702	0.0000	OK
15 minute summer	J3	12	188.102	0.056	3.9	0.0630	0.0000	OK
15 minute summer	J4	12	188.075	0.040	4.2	0.0448	0.0000	OK
15 minute summer	J5	12	187.945	0.035	4.7	0.0401	0.0000	OK
15 minute summer	J6	12	187.703	0.053	5.0	0.0596	0.0000	OK
15 minute summer	J7	13	187.666	0.066	5.4	0.0743	0.0000	OK
15 minute summer	J8	13	187.640	0.047	5.9	0.0536	0.0000	OK
15 minute summer	J9	13	187.341	0.066	6.3	0.0742	0.0000	OK
15 minute summer	J10	13	187.308	0.038	6.8	0.0427	0.0000	OK
15 minute summer	J11	13	187.175	0.054	7.2	0.0615	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC65	67.000	J55	0.5	0.661	0.025	0.0035
15 minute summer	FC66	68.000	S24	0.5	0.497	0.065	0.0020
15 minute summer	FC67	69.000	J56	0.2	0.315	0.026	0.0010
15 minute summer	FC68	70.000	J57	0.4	0.562	0.045	0.0017
15 minute summer	J1	1.001	J2	3.0	0.716	0.358	0.0212
15 minute summer	J2	1.002	J3	3.3	0.709	0.560	0.0049
15 minute summer	J3	1.003	J4	3.9	0.805	0.291	0.0094
15 minute summer	J4	1.004	J5	4.2	1.234	0.126	0.0122
15 minute summer	J5	1.005	J6	4.7	1.082	0.122	0.0247
15 minute summer	J6	1.006	J7	5.0	0.780	0.176	0.0127
15 minute summer	J7	1.007	J8	5.4	0.893	0.388	0.0069
15 minute summer	J8	1.008	J9	5.9	1.283	0.195	0.0389
15 minute summer	J9	1.009	J10	6.3	0.916	0.188	0.0084
15 minute summer	J10	1.010	J11	6.8	1.189	0.053	0.0144
15 minute summer	J11	1.011	S2	7.2	0.664	0.111	0.0592

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.68%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J12	12	186.870	0.061	9.6	0.0687	0.0000	OK
15 minute summer	J13	13	186.808	0.106	9.7	0.1196	0.0000	OK
15 minute summer	J14	13	186.796	0.100	10.0	0.1137	0.0000	OK
15 minute summer	J15	13	186.778	0.090	10.4	0.1022	0.0000	OK
15 minute summer	J16	13	186.744	0.074	10.9	0.0837	0.0000	OK
15 minute summer	J17	13	186.407	0.049	11.3	0.0558	0.0000	OK
15 minute summer	J18	13	186.256	0.062	13.0	0.0701	0.0000	OK
15 minute summer	J19	13	186.130	0.103	13.5	0.1161	0.0000	OK
15 minute summer	J20	16	185.952	0.021	0.6	0.0236	0.0000	OK
15 minute summer	J21	16	185.923	0.028	1.0	0.0316	0.0000	OK
15 minute summer	J22	16	185.855	0.036	1.5	0.0412	0.0000	OK
15 minute summer	J23	16	185.820	0.037	1.6	0.0422	0.0000	OK
15 minute summer	J24	12	185.708	0.058	3.7	0.0657	0.0000	OK
15 minute summer	J25	12	185.678	0.063	4.1	0.0717	0.0000	OK
15 minute summer	J26	12	185.653	0.066	4.6	0.0744	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J12	1.013	J13	9.6	0.722	0.143	0.0865
15 minute summer	J13	1.014	J14	9.6	0.546	0.306	0.0336
15 minute summer	J14	1.015	J15	10.0	0.627	0.322	0.0307
15 minute summer	J15	1.016	J16	10.5	0.798	0.342	0.0673
15 minute summer	J16	1.017	J17	10.9	1.051	0.180	0.0348
15 minute summer	J17	1.018	S3	11.3	1.041	0.077	0.0209
15 minute summer	J18	1.020	J19	13.0	1.738	0.100	0.0112
15 minute summer	J19	1.021	S4	13.4	0.702	0.244	0.0843
15 minute summer	J20	23.002	J21	0.6	0.374	0.094	0.0056
15 minute summer	J21	23.003	J22	1.0	0.465	0.171	0.0175
15 minute summer	J22	23.004	J23	1.5	0.564	0.247	0.0094
15 minute summer	J23	23.005	S18	1.6	0.629	0.276	0.0194
15 minute summer	J24	23.007	J25	3.6	0.552	0.274	0.0413
15 minute summer	J25	23.008	J26	4.1	0.565	0.308	0.0360
15 minute summer	J26	23.009	S19	4.5	0.646	0.339	0.0259

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.68%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J27	12	185.540	0.078	7.0	0.0888	0.0000	OK
15 minute summer	J28	11	186.413	0.057	3.3	0.0641	0.0000	OK
15 minute summer	J29	11	186.333	0.062	3.7	0.0698	0.0000	OK
15 minute summer	J30	12	186.214	0.067	4.5	0.0754	0.0000	OK
15 minute summer	J31	12	186.186	0.067	4.9	0.0754	0.0000	OK
15 minute summer	J32	13	186.132	0.068	5.4	0.0767	0.0000	OK
15 minute summer	J33	12	185.656	0.046	7.4	0.0523	0.0000	OK
15 minute summer	J34	12	185.204	0.079	9.7	0.0898	0.0000	OK
15 minute summer	J35	12	185.127	0.052	10.1	0.0587	0.0000	OK
15 minute summer	J36	12	184.961	0.086	10.5	0.0976	0.0000	OK
15 minute summer	J37	12	184.667	0.092	12.3	0.1040	0.0000	OK
15 minute summer	J38	12	184.489	0.114	13.4	0.1284	0.0000	OK
15 minute summer	J39	13	184.450	0.112	13.7	0.1267	0.0000	OK
15 minute summer	J40	13	184.422	0.096	14.4	0.1091	0.0000	OK
15 minute summer	J41	12	184.626	0.029	1.0	0.0328	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J27	23.011	S4	7.0	0.627	0.235	0.0268
15 minute summer	J28	32.001	J29	3.3	0.699	0.563	0.0426
15 minute summer	J29	32.002	S12	3.6	0.757	0.614	0.0224
15 minute summer	J30	32.004	J31	4.5	0.594	0.339	0.0376
15 minute summer	J31	32.005	J32	4.9	0.642	0.368	0.0743
15 minute summer	J32	32.006	S13	5.4	0.872	0.406	0.0335
15 minute summer	J33	32.008	S14	7.3	0.989	0.206	0.0700
15 minute summer	J34	32.010	J35	9.7	1.010	0.252	0.0875
15 minute summer	J35	32.011	J36	10.1	0.978	0.113	0.0718
15 minute summer	J36	32.012	S15	10.8	1.022	0.361	0.0253
15 minute summer	J37	32.014	S16	12.2	1.132	0.402	0.0570
15 minute summer	J38	32.016	J39	13.2	0.671	0.439	0.2148
15 minute summer	J39	32.017	J40	13.8	0.767	0.448	0.0658
15 minute summer	J40	32.018	S10	14.5	0.940	0.337	0.1478
15 minute summer	J41	48.002	J42	1.0	0.495	0.175	0.0131

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.68%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J42	13	184.571	0.034	1.5	0.0384	0.0000	OK
15 minute summer	J43	13	184.412	0.052	2.7	0.0593	0.0000	OK
15 minute summer	J44	13	184.400	0.050	3.1	0.0567	0.0000	OK
15 minute summer	J45	13	184.368	0.068	3.6	0.0765	0.0000	OK
15 minute summer	J46	13	184.345	0.073	5.0	0.0821	0.0000	OK
15 minute summer	J47	13	184.322	0.074	5.4	0.0834	0.0000	OK
15 minute summer	J48	14	184.236	0.082	6.6	0.0932	0.0000	OK
15 minute summer	J49	14	184.224	0.095	7.0	0.1073	0.0000	OK
15 minute summer	J50	14	184.216	0.091	7.4	0.1031	0.0000	OK
15 minute summer	J51	15	184.204	0.096	7.8	0.1087	0.0000	OK
15 minute summer	J52	15	184.194	0.090	8.4	0.1020	0.0000	OK
15 minute summer	J53	15	184.174	0.087	8.7	0.0978	0.0000	OK
15 minute summer	J54	12	185.012	0.033	1.2	0.0377	0.0000	OK
15 minute summer	J55	13	184.982	0.038	1.7	0.0428	0.0000	OK
15 minute summer	J56	14	184.073	0.106	12.0	0.1194	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J42	48.003	S21	1.5	0.510	0.247	0.0238
15 minute summer	J43	48.005	J44	2.7	0.506	0.191	0.0085
15 minute summer	J44	48.006	J45	3.2	0.492	0.236	0.0564
15 minute summer	J45	48.007	S22	3.6	0.452	0.266	0.0193
15 minute summer	J46	48.009	J47	5.0	0.584	0.373	0.0359
15 minute summer	J47	48.010	S23	5.4	0.668	0.402	0.0212
15 minute summer	J48	48.012	J49	6.5	0.466	0.218	0.1081
15 minute summer	J49	48.013	J50	7.0	0.459	0.228	0.0176
15 minute summer	J50	48.014	J51	7.4	0.479	0.248	0.0791
15 minute summer	J51	48.015	J52	7.8	0.504	0.254	0.0176
15 minute summer	J52	48.016	J53	8.3	0.580	0.274	0.0704
15 minute summer	J53	48.017	S24	8.8	0.678	0.291	0.1327
15 minute summer	J54	65.002	J55	1.2	0.498	0.209	0.0090
15 minute summer	J55	65.003	S24	1.7	0.633	0.284	0.0208
15 minute summer	J56	48.019	J57	12.1	0.548	0.222	0.2006

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Results for 2 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.68%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J57	14	184.050	0.105	12.5	0.1191	0.0000	OK
15 minute summer	BASIN 1	53	185.158	0.158	20.7	17.5658	0.0000	OK
15 minute summer	BASIN 2	255	184.352	0.052	0.6	4.5517	0.0000	OK
15 minute summer	BASIN 3	56	183.118	0.018	15.7	12.1613	0.0000	OK
15 minute summer	BASIN 4	66	183.420	0.090	12.4	11.4413	0.0000	OK
15 minute summer	SWALE 1	55	184.954	0.022	0.6	0.0244	0.0000	OK
15 minute summer	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWALE 3	13	184.169	0.099	16.1	0.1122	0.0000	OK
15 minute summer	BH1	255	184.352	0.275	0.5	1.6007	0.0000	OK
15 minute summer	BH2	255	183.102	0.050	0.3	1.8231	0.0000	OK
15 minute summer	BH3	65	183.421	0.115	4.9	2.1435	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J57	48.020	S25	12.5	0.591	0.231	0.1669
15 minute summer	BASIN 1	1.023	S5	1.4	0.306	0.026	0.3459
15 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
15 minute summer	BASIN 2	71.000	BH1	0.5	0.456	0.087	0.1398
15 minute summer	BASIN 3	1.034	BH2	0.3	0.304	0.004	0.1324
15 minute summer	BASIN 4	48.022	BH3	4.9	0.783	0.092	0.2178
15 minute summer	SWALE 1	1.025	S6	0.6	0.270	0.010	0.0861
15 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
15 minute summer	SWALE 3	1.033	BASIN 3	15.7	0.803	0.227	0.8520
15 minute summer	BH1	Infiltration		0.1			
15 minute summer	BH2	Infiltration		0.2			
15 minute summer	BH3	Infiltration		0.2			

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S1	10	188.397	0.027	1.4	0.0363	0.0000	OK
15 minute winter	S2	12	187.132	0.093	9.6	0.1371	0.0000	OK
15 minute winter	S3	13	186.309	0.097	13.3	0.1264	0.0000	OK
15 minute winter	S4	12	185.463	0.085	21.6	0.1014	0.0000	OK
15 minute winter	S5	54	185.173	0.193	1.5	0.2188	0.0000	OK
15 minute winter	S6	58	184.867	0.023	0.6	0.0256	0.0000	OK
15 minute winter	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S9	13	184.257	0.056	0.8	0.0639	0.0000	OK
15 minute winter	S10	13	184.256	0.072	17.4	0.1104	0.0000	OK
15 minute winter	S11	10	186.457	0.057	3.2	0.0924	0.0000	OK
15 minute winter	S12	12	186.241	0.065	4.2	0.0730	0.0000	OK
15 minute winter	S13	12	186.084	0.050	7.2	0.0714	0.0000	OK
15 minute winter	S14	12	185.341	0.091	10.0	0.1430	0.0000	OK
15 minute winter	S15	12	184.923	0.056	12.3	0.0776	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S1	1.000	J1	1.4	0.546	0.157	0.0208
15 minute winter	S2	1.012	J12	9.6	0.682	0.321	0.0210
15 minute winter	S3	1.019	J18	13.3	1.041	0.435	0.0660
15 minute winter	S4	1.022	BASIN 1	21.9	2.236	0.131	0.3646
15 minute winter	S5	1.024	SWALE 1	0.6	0.302	0.011	0.0471
15 minute winter	S6	1.026	BASIN 2	0.6	0.298	0.011	0.0114
15 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
15 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0551
15 minute winter	S9	1.031	S10	-0.8	-0.164	-0.015	0.0743
15 minute winter	S10	1.032	SWALE 3	17.3	1.055	0.096	0.0752
15 minute winter	S11	32.000	J28	3.1	0.680	0.524	0.0209
15 minute winter	S12	32.003	J30	4.2	0.568	0.317	0.0382
15 minute winter	S13	32.007	J33	7.2	1.445	0.223	0.0646
15 minute winter	S14	32.009	J34	10.0	0.957	0.580	0.0550
15 minute winter	S15	32.013	J37	12.5	1.076	0.135	0.1094

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S16	12	184.610	0.053	13.7	0.0671	0.0000	OK
15 minute winter	S17	18	186.012	0.012	0.2	0.0133	0.0000	OK
15 minute winter	S18	11	185.723	0.062	3.5	0.0875	0.0000	OK
15 minute winter	S19	12	185.570	0.079	6.9	0.1081	0.0000	OK
15 minute winter	S20	11	184.672	0.030	1.1	0.0366	0.0000	OK
15 minute winter	S21	12	184.505	0.046	2.3	0.0550	0.0000	OK
15 minute winter	S22	13	184.361	0.075	4.8	0.0917	0.0000	OK
15 minute winter	S23	14	184.247	0.089	6.5	0.1056	0.0000	OK
15 minute winter	S24	14	184.092	0.115	12.9	0.1666	0.0000	OK
15 minute winter	S25	14	184.029	0.103	13.5	0.1160	0.0000	OK
15 minute winter	S26	11	185.399	0.021	0.9	0.0259	0.0000	OK
15 minute winter	FC1	14	188.497	0.247	1.3	0.3290	0.0000	SURCHARGED
15 minute winter	FC2	14	188.397	0.247	1.3	0.3294	0.0000	SURCHARGED
15 minute winter	FC3	15	188.614	0.414	2.1	0.6012	0.0000	SURCHARGED
15 minute winter	FC4	14	188.399	0.199	1.0	0.2572	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S16	32.015	J38	13.7	1.000	0.093	0.0325
15 minute winter	S17	23.001	J20	0.2	0.271	0.029	0.0063
15 minute winter	S18	23.006	J24	3.5	0.524	0.255	0.0123
15 minute winter	S19	23.010	J27	6.9	0.551	0.230	0.1120
15 minute winter	S20	48.001	J41	1.1	0.551	0.178	0.0090
15 minute winter	S21	48.004	J43	2.3	0.681	0.392	0.0174
15 minute winter	S22	48.008	J46	4.8	0.547	0.355	0.0213
15 minute winter	S23	48.011	J48	6.4	0.468	0.209	0.0160
15 minute winter	S24	48.018	J56	12.9	0.538	0.240	0.1024
15 minute winter	S25	48.021	BASIN 4	13.4	0.702	0.243	0.0612
15 minute winter	S26	65.001	J54	0.8	0.695	0.096	0.0103
15 minute winter	FC1	2.000	J1	0.5	0.454	0.078	0.0103
15 minute winter	FC2	3.000	J2	0.5	0.285	0.082	0.0144
15 minute winter	FC3	4.000	J3	0.6	0.513	0.099	0.0115
15 minute winter	FC4	5.000	J4	0.4	0.517	0.057	0.0061

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC5	14	188.248	0.247	1.3	0.3293	0.0000	SURCHARGED
15 minute winter	FC6	14	188.049	0.199	1.0	0.2568	0.0000	SURCHARGED
15 minute winter	FC7	14	187.949	0.199	1.0	0.2574	0.0000	SURCHARGED
15 minute winter	FC8	14	187.996	0.246	1.3	0.3278	0.0000	SURCHARGED
15 minute winter	FC9	14	187.670	0.200	1.0	0.2580	0.0000	SURCHARGED
15 minute winter	FC10	15	187.827	0.357	1.8	0.5037	0.0000	SURCHARGED
15 minute winter	FC11	14	187.552	0.232	1.2	0.3036	0.0000	SURCHARGED
15 minute winter	FC12	14	187.462	0.232	1.2	0.3037	0.0000	SURCHARGED
15 minute winter	FC13	14	187.247	0.247	1.3	0.3292	0.0000	SURCHARGED
15 minute winter	FC14	16	186.938	0.038	1.3	0.4882	0.0000	OK
15 minute winter	FC15	14	187.398	0.198	1.0	0.2556	0.0000	SURCHARGED
15 minute winter	FC16	14	187.100	0.200	1.0	0.2577	0.0000	SURCHARGED
15 minute winter	FC17	14	187.198	0.198	1.0	0.2560	0.0000	SURCHARGED
15 minute winter	FC18	14	186.750	0.200	1.0	0.2580	0.0000	SURCHARGED
15 minute winter	FC19	14	186.647	0.247	1.3	0.3292	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC5	6.000	J5	0.5	0.446	0.081	0.0045
15 minute winter	FC6	7.000	J6	0.4	0.570	0.050	0.0056
15 minute winter	FC7	8.000	J7	0.4	0.494	0.061	0.0063
15 minute winter	FC8	9.000	J8	0.5	0.632	0.050	0.0032
15 minute winter	FC9	10.000	J9	0.4	0.436	0.072	0.0071
15 minute winter	FC10	11.000	J10	0.6	0.514	0.088	0.0071
15 minute winter	FC11	12.000	J11	0.5	0.444	0.079	0.0081
15 minute winter	FC12	13.000	S2	0.5	0.444	0.079	0.0072
15 minute winter	FC13	14.000	J12	0.5	0.450	0.081	0.0073
15 minute winter	FC14	15.000	J13	0.2	0.329	0.028	0.0038
15 minute winter	FC15	16.000	J14	0.4	0.924	0.025	0.0022
15 minute winter	FC16	17.000	J15	0.4	0.463	0.066	0.0070
15 minute winter	FC17	18.000	J16	0.4	0.735	0.035	0.0028
15 minute winter	FC18	19.000	J17	0.4	0.433	0.073	0.0069
15 minute winter	FC19	20.000	S3	0.5	0.447	0.082	0.0071

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC20	14	187.196	0.246	1.3	0.3268	0.0000	SURCHARGED
15 minute winter	FC21	14	186.547	0.247	1.3	0.3292	0.0000	SURCHARGED
15 minute winter	FC22	16	186.490	0.040	1.0	0.3931	0.0000	OK
15 minute winter	FC23	14	186.500	0.200	1.0	0.2579	0.0000	SURCHARGED
15 minute winter	FC24	14	186.547	0.247	1.3	0.3286	0.0000	SURCHARGED
15 minute winter	FC25	14	186.796	0.246	1.3	0.3269	0.0000	SURCHARGED
15 minute winter	FC26	16	186.489	0.039	1.0	0.3952	0.0000	OK
15 minute winter	FC27	14	186.698	0.198	1.0	0.2556	0.0000	SURCHARGED
15 minute winter	FC28	14	186.746	0.246	1.3	0.3268	0.0000	SURCHARGED
15 minute winter	FC29	14	186.777	0.277	1.4	0.3736	0.0000	SURCHARGED
15 minute winter	FC30	14	186.996	0.246	1.3	0.3270	0.0000	SURCHARGED
15 minute winter	FC31	14	186.649	0.199	1.0	0.2567	0.0000	SURCHARGED
15 minute winter	FC32	14	186.648	0.198	1.0	0.2560	0.0000	SURCHARGED
15 minute winter	FC33	14	186.696	0.246	1.3	0.3270	0.0000	SURCHARGED
15 minute winter	FC34	14	186.697	0.247	1.3	0.3292	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC20	21.000	J18	0.5	0.902	0.030	0.0023
15 minute winter	FC21	22.000	J19	0.5	0.448	0.081	0.0082
15 minute winter	FC22	23.000	S17	0.2	0.689	0.009	0.0018
15 minute winter	FC23	24.000	J20	0.4	0.451	0.068	0.0044
15 minute winter	FC24	25.000	J21	0.5	0.524	0.065	0.0043
15 minute winter	FC25	26.000	J22	0.5	0.895	0.031	0.0026
15 minute winter	FC26	27.000	J23	0.2	0.578	0.013	0.0014
15 minute winter	FC27	28.000	J24	0.4	0.954	0.024	0.0021
15 minute winter	FC28	29.000	J25	0.5	0.900	0.030	0.0024
15 minute winter	FC29	30.000	J26	0.5	0.892	0.034	0.0027
15 minute winter	FC30	31.000	J27	0.5	0.841	0.034	0.0025
15 minute winter	FC31	33.000	J28	0.4	0.426	0.048	0.0114
15 minute winter	FC32	34.000	J29	0.4	0.331	0.034	0.0120
15 minute winter	FC33	35.000	S12	0.5	0.826	0.034	0.0026
15 minute winter	FC34	36.000	J30	0.5	0.460	0.078	0.0050

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC35	14	186.696	0.246	1.3	0.3270	0.0000	SURCHARGED
15 minute winter	FC36	14	186.727	0.276	1.4	0.3735	0.0000	SURCHARGED
15 minute winter	FC37	14	186.139	0.339	1.7	0.4717	0.0000	SURCHARGED
15 minute winter	FC38	16	185.484	0.034	1.0	0.4045	0.0000	OK
15 minute winter	FC39	14	185.648	0.198	1.0	0.2558	0.0000	SURCHARGED
15 minute winter	FC40	14	185.745	0.245	1.3	0.3267	0.0000	SURCHARGED
15 minute winter	FC41	14	185.096	0.246	1.3	0.3276	0.0000	SURCHARGED
15 minute winter	FC42	14	184.847	0.247	1.3	0.3281	0.0000	SURCHARGED
15 minute winter	FC43	14	184.846	0.246	1.3	0.3275	0.0000	SURCHARGED
15 minute winter	FC44	11	184.621	0.021	1.0	0.0271	0.0000	OK
15 minute winter	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
15 minute winter	FC46	15	185.057	0.357	1.8	0.5040	0.0000	SURCHARGED
15 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute winter	FC48	14	185.046	0.246	1.3	0.3270	0.0000	SURCHARGED
15 minute winter	FC49	14	185.047	0.247	1.3	0.3293	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC35	37.000	J31	0.5	0.830	0.034	0.0039
15 minute winter	FC36	38.000	J32	0.5	0.906	0.033	0.0040
15 minute winter	FC37	39.000	J33	0.6	0.626	0.065	0.0060
15 minute winter	FC38	40.000	J34	0.2	0.537	0.012	0.0013
15 minute winter	FC39	41.000	J35	0.4	0.811	0.030	0.0024
15 minute winter	FC40	42.000	J36	0.5	1.024	0.025	0.0024
15 minute winter	FC41	43.000	J37	0.5	0.670	0.046	0.0036
15 minute winter	FC42	44.000	J38	0.5	0.583	0.056	0.0041
15 minute winter	FC43	45.000	J39	0.5	0.682	0.045	0.0031
15 minute winter	FC44	46.000	J40	1.0	0.861	0.089	0.0051
15 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
15 minute winter	FC46	48.000	S20	0.6	0.452	0.098	0.0093
15 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0051
15 minute winter	FC48	50.000	J42	0.5	0.631	0.035	0.0074
15 minute winter	FC49	51.000	S21	0.5	0.446	0.081	0.0047

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC50	14	185.047	0.247	1.3	0.3293	0.0000	SURCHARGED
15 minute winter	FC51	14	185.097	0.247	1.3	0.3292	0.0000	SURCHARGED
15 minute winter	FC52	14	185.551	0.301	1.5	0.4130	0.0000	SURCHARGED
15 minute winter	FC53	14	185.496	0.246	1.3	0.3279	0.0000	SURCHARGED
15 minute winter	FC54	14	185.449	0.199	1.0	0.2564	0.0000	SURCHARGED
15 minute winter	FC55	14	185.448	0.198	1.0	0.2558	0.0000	SURCHARGED
15 minute winter	FC56	14	185.596	0.246	1.3	0.3269	0.0000	SURCHARGED
15 minute winter	FC57	14	185.596	0.246	1.3	0.3270	0.0000	SURCHARGED
15 minute winter	FC58	14	185.548	0.198	1.0	0.2559	0.0000	SURCHARGED
15 minute winter	FC59	14	185.548	0.198	1.0	0.2561	0.0000	SURCHARGED
15 minute winter	FC60	14	185.596	0.246	1.3	0.3273	0.0000	SURCHARGED
15 minute winter	FC61	14	185.547	0.246	1.3	0.3280	0.0000	SURCHARGED
15 minute winter	FC62	15	185.634	0.384	1.9	0.5488	0.0000	SURCHARGED
15 minute winter	FC63	14	185.600	0.200	1.0	0.2582	0.0000	SURCHARGED
15 minute winter	FC64	14	185.247	0.247	1.3	0.3292	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC50	52.000	J43	0.5	0.446	0.081	0.0050
15 minute winter	FC51	55.000	S22	0.5	0.448	0.081	0.0066
15 minute winter	FC52	58.000	S23	0.5	0.672	0.053	0.0044
15 minute winter	FC53	61.000	J50	0.5	0.613	0.052	0.0034
15 minute winter	FC54	62.000	J51	0.4	0.658	0.040	0.0026
15 minute winter	FC55	64.000	J53	0.4	0.829	0.029	0.0022
15 minute winter	FC56	53.000	J44	0.5	0.884	0.031	0.0036
15 minute winter	FC57	54.000	J45	0.5	0.830	0.034	0.0038
15 minute winter	FC58	56.000	J46	0.4	0.772	0.032	0.0035
15 minute winter	FC59	57.000	J47	0.4	0.716	0.036	0.0039
15 minute winter	FC60	59.000	J48	0.5	0.732	0.041	0.0044
15 minute winter	FC61	60.000	J49	0.5	0.587	0.056	0.0061
15 minute winter	FC62	63.000	J52	0.6	0.578	0.080	0.0099
15 minute winter	FC63	65.000	S26	0.4	0.453	0.073	0.0026
15 minute winter	FC64	66.000	J54	0.5	0.321	0.082	0.0037

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC65	14	185.395	0.245	1.3	0.3267	0.0000	SURCHARGED
15 minute winter	FC66	14	185.247	0.247	1.3	0.3289	0.0000	SURCHARGED
15 minute winter	FC67	16	184.839	0.038	1.0	0.3969	0.0000	OK
15 minute winter	FC68	14	184.749	0.199	1.0	0.2569	0.0000	SURCHARGED
15 minute winter	J1	11	188.245	0.045	3.1	0.0608	0.0000	OK
15 minute winter	J2	11	188.170	0.064	3.5	0.0720	0.0000	OK
15 minute winter	J3	12	188.103	0.056	4.0	0.0639	0.0000	OK
15 minute winter	J4	12	188.075	0.040	4.4	0.0455	0.0000	OK
15 minute winter	J5	12	187.946	0.036	4.8	0.0407	0.0000	OK
15 minute winter	J6	12	187.704	0.054	5.2	0.0610	0.0000	OK
15 minute winter	J7	13	187.667	0.067	5.6	0.0755	0.0000	OK
15 minute winter	J8	13	187.641	0.048	6.1	0.0545	0.0000	OK
15 minute winter	J9	13	187.342	0.067	6.5	0.0754	0.0000	OK
15 minute winter	J10	13	187.309	0.038	7.1	0.0435	0.0000	OK
15 minute winter	J11	13	187.176	0.055	7.5	0.0626	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC65	67.000	J55	0.5	0.664	0.026	0.0036
15 minute winter	FC66	68.000	S24	0.5	0.501	0.067	0.0020
15 minute winter	FC67	69.000	J56	0.2	0.322	0.028	0.0011
15 minute winter	FC68	70.000	J57	0.4	0.571	0.048	0.0017
15 minute winter	J1	1.001	J2	3.1	0.719	0.370	0.0218
15 minute winter	J2	1.002	J3	3.4	0.715	0.583	0.0050
15 minute winter	J3	1.003	J4	4.0	0.810	0.299	0.0096
15 minute winter	J4	1.004	J5	4.4	1.243	0.130	0.0124
15 minute winter	J5	1.005	J6	4.8	1.087	0.126	0.0254
15 minute winter	J6	1.006	J7	5.2	0.785	0.183	0.0130
15 minute winter	J7	1.007	J8	5.6	0.902	0.400	0.0070
15 minute winter	J8	1.008	J9	6.1	1.293	0.201	0.0397
15 minute winter	J9	1.009	J10	6.5	0.923	0.195	0.0086
15 minute winter	J10	1.010	J11	7.1	1.196	0.055	0.0147
15 minute winter	J11	1.011	S2	7.5	0.664	0.116	0.0615

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J12	12	186.871	0.062	10.0	0.0706	0.0000	OK
15 minute winter	J13	13	186.811	0.109	10.1	0.1235	0.0000	OK
15 minute winter	J14	13	186.799	0.104	10.6	0.1172	0.0000	OK
15 minute winter	J15	13	186.781	0.093	11.0	0.1052	0.0000	OK
15 minute winter	J16	13	186.746	0.076	11.4	0.0861	0.0000	OK
15 minute winter	J17	13	186.409	0.051	11.8	0.0577	0.0000	OK
15 minute winter	J18	13	186.258	0.064	13.8	0.0725	0.0000	OK
15 minute winter	J19	13	186.133	0.106	14.2	0.1196	0.0000	OK
15 minute winter	J20	16	185.953	0.022	0.6	0.0245	0.0000	OK
15 minute winter	J21	16	185.924	0.029	1.1	0.0325	0.0000	OK
15 minute winter	J22	16	185.856	0.038	1.5	0.0424	0.0000	OK
15 minute winter	J23	16	185.821	0.038	1.7	0.0434	0.0000	OK
15 minute winter	J24	12	185.710	0.060	3.9	0.0678	0.0000	OK
15 minute winter	J25	12	185.680	0.065	4.3	0.0740	0.0000	OK
15 minute winter	J26	12	185.655	0.068	4.8	0.0766	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J12	1.013	J13	10.0	0.729	0.149	0.0903
15 minute winter	J13	1.014	J14	10.2	0.553	0.324	0.0350
15 minute winter	J14	1.015	J15	10.6	0.637	0.340	0.0319
15 minute winter	J15	1.016	J16	11.0	0.809	0.360	0.0699
15 minute winter	J16	1.017	J17	11.4	1.064	0.190	0.0361
15 minute winter	J17	1.018	S3	11.8	1.049	0.081	0.0218
15 minute winter	J18	1.020	J19	13.8	1.758	0.106	0.0117
15 minute winter	J19	1.021	S4	14.2	0.712	0.257	0.0878
15 minute winter	J20	23.002	J21	0.6	0.383	0.100	0.0059
15 minute winter	J21	23.003	J22	1.1	0.472	0.181	0.0182
15 minute winter	J22	23.004	J23	1.5	0.570	0.260	0.0098
15 minute winter	J23	23.005	S18	1.7	0.638	0.290	0.0202
15 minute winter	J24	23.007	J25	3.8	0.558	0.289	0.0431
15 minute winter	J25	23.008	J26	4.3	0.571	0.324	0.0375
15 minute winter	J26	23.009	S19	4.8	0.654	0.357	0.0269

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J27	12	185.542	0.081	7.4	0.0911	0.0000	OK
15 minute winter	J28	11	186.414	0.058	3.4	0.0656	0.0000	OK
15 minute winter	J29	11	186.334	0.063	3.8	0.0716	0.0000	OK
15 minute winter	J30	12	186.215	0.068	4.7	0.0771	0.0000	OK
15 minute winter	J31	12	186.187	0.068	5.1	0.0770	0.0000	OK
15 minute winter	J32	13	186.133	0.069	5.6	0.0783	0.0000	OK
15 minute winter	J33	12	185.657	0.047	7.7	0.0536	0.0000	OK
15 minute winter	J34	12	185.206	0.081	10.2	0.0920	0.0000	OK
15 minute winter	J35	12	185.128	0.053	10.6	0.0603	0.0000	OK
15 minute winter	J36	12	184.964	0.089	11.1	0.1007	0.0000	OK
15 minute winter	J37	12	184.670	0.095	12.9	0.1069	0.0000	OK
15 minute winter	J38	12	184.493	0.118	14.1	0.1332	0.0000	OK
15 minute winter	J39	13	184.454	0.116	14.5	0.1308	0.0000	OK
15 minute winter	J40	13	184.425	0.100	15.2	0.1125	0.0000	OK
15 minute winter	J41	12	184.627	0.029	1.1	0.0333	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J27	23.011	S4	7.4	0.635	0.247	0.0278
15 minute winter	J28	32.001	J29	3.5	0.702	0.584	0.0438
15 minute winter	J29	32.002	S12	3.8	0.763	0.638	0.0231
15 minute winter	J30	32.004	J31	4.7	0.599	0.351	0.0387
15 minute winter	J31	32.005	J32	5.1	0.647	0.381	0.0764
15 minute winter	J32	32.006	S13	5.6	0.870	0.421	0.0345
15 minute winter	J33	32.008	S14	7.7	0.990	0.216	0.0725
15 minute winter	J34	32.010	J35	10.2	1.022	0.264	0.0907
15 minute winter	J35	32.011	J36	10.6	0.985	0.119	0.0748
15 minute winter	J36	32.012	S15	10.8	1.003	0.360	0.0263
15 minute winter	J37	32.014	S16	12.9	1.142	0.424	0.0595
15 minute winter	J38	32.016	J39	14.1	0.678	0.466	0.2242
15 minute winter	J39	32.017	J40	14.5	0.776	0.472	0.0685
15 minute winter	J40	32.018	S10	15.3	0.952	0.355	0.1538
15 minute winter	J41	48.002	J42	1.1	0.498	0.179	0.0134

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J42	13	184.572	0.035	1.5	0.0391	0.0000	OK
15 minute winter	J43	13	184.414	0.054	2.8	0.0606	0.0000	OK
15 minute winter	J44	13	184.401	0.051	3.3	0.0578	0.0000	OK
15 minute winter	J45	13	184.369	0.069	3.7	0.0783	0.0000	OK
15 minute winter	J46	13	184.346	0.074	5.2	0.0841	0.0000	OK
15 minute winter	J47	14	184.324	0.076	5.6	0.0854	0.0000	OK
15 minute winter	J48	14	184.239	0.085	6.9	0.0966	0.0000	OK
15 minute winter	J49	14	184.227	0.098	7.4	0.1107	0.0000	OK
15 minute winter	J50	15	184.219	0.094	7.8	0.1066	0.0000	OK
15 minute winter	J51	15	184.207	0.099	8.2	0.1123	0.0000	OK
15 minute winter	J52	15	184.197	0.093	8.8	0.1054	0.0000	OK
15 minute winter	J53	15	184.176	0.089	9.3	0.1009	0.0000	OK
15 minute winter	J54	12	185.013	0.034	1.3	0.0383	0.0000	OK
15 minute winter	J55	13	184.983	0.039	1.7	0.0436	0.0000	OK
15 minute winter	J56	14	184.077	0.110	13.0	0.1248	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J42	48.003	S21	1.5	0.511	0.256	0.0242
15 minute winter	J43	48.005	J44	2.8	0.510	0.199	0.0088
15 minute winter	J44	48.006	J45	3.3	0.493	0.244	0.0580
15 minute winter	J45	48.007	S22	3.7	0.455	0.276	0.0199
15 minute winter	J46	48.009	J47	5.2	0.589	0.387	0.0370
15 minute winter	J47	48.010	S23	5.6	0.676	0.419	0.0218
15 minute winter	J48	48.012	J49	6.9	0.468	0.231	0.1131
15 minute winter	J49	48.013	J50	7.4	0.461	0.240	0.0183
15 minute winter	J50	48.014	J51	7.8	0.482	0.261	0.0828
15 minute winter	J51	48.015	J52	8.2	0.510	0.268	0.0184
15 minute winter	J52	48.016	J53	8.8	0.587	0.290	0.0735
15 minute winter	J53	48.017	S24	9.3	0.688	0.307	0.1382
15 minute winter	J54	65.002	J55	1.3	0.501	0.214	0.0092
15 minute winter	J55	65.003	S24	1.7	0.638	0.293	0.0213
15 minute winter	J56	48.019	J57	13.0	0.559	0.240	0.2127

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Results for 2 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J57	14	184.055	0.110	13.5	0.1242	0.0000	OK
15 minute winter	BASIN 1	54	185.173	0.173	21.9	19.3699	0.0000	OK
15 minute winter	BASIN 2	255	184.356	0.056	0.7	4.9042	0.0000	OK
15 minute winter	BASIN 3	54	183.119	0.019	17.0	13.3412	0.0000	OK
15 minute winter	BASIN 4	68	183.430	0.100	13.4	12.6656	0.0000	OK
15 minute winter	SWALE 1	56	184.954	0.022	0.6	0.0249	0.0000	OK
15 minute winter	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
15 minute winter	SWALE 3	13	184.173	0.103	17.3	0.1168	0.0000	OK
15 minute winter	BH1	255	184.356	0.279	0.5	1.6122	0.0000	OK
15 minute winter	BH2	177	183.116	0.064	0.4	1.9261	0.0000	OK
15 minute winter	BH3	62	183.431	0.125	5.3	2.1878	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J57	48.020	S25	13.5	0.604	0.249	0.1765
15 minute winter	BASIN 1	1.023	S5	1.5	0.298	0.028	0.3850
15 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
15 minute winter	BASIN 2	71.000	BH1	0.5	0.461	0.091	0.1444
15 minute winter	BASIN 3	1.034	BH2	0.4	0.313	0.005	0.1911
15 minute winter	BASIN 4	48.022	BH3	5.3	0.806	0.100	0.2454
15 minute winter	SWALE 1	1.025	S6	0.6	0.271	0.011	0.0888
15 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
15 minute winter	SWALE 3	1.033	BASIN 3	17.0	0.820	0.245	0.8999
15 minute winter	BH1	Infiltration		0.1			
15 minute winter	BH2	Infiltration		0.2			
15 minute winter	BH3	Infiltration		0.2			

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S1	18	188.395	0.025	1.2	0.0339	0.0000	OK
30 minute summer	S2	20	187.129	0.090	9.0	0.1328	0.0000	OK
30 minute summer	S3	21	186.306	0.094	12.5	0.1224	0.0000	OK
30 minute summer	S4	19	185.455	0.077	20.6	0.0920	0.0000	OK
30 minute summer	S5	64	185.205	0.225	1.2	0.2543	0.0000	OK
30 minute summer	S6	68	184.868	0.023	0.6	0.0266	0.0000	OK
30 minute summer	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S9	20	184.253	0.053	0.4	0.0599	0.0000	OK
30 minute summer	S10	20	184.253	0.069	16.0	0.1051	0.0000	OK
30 minute summer	S11	18	186.452	0.052	2.7	0.0842	0.0000	OK
30 minute summer	S12	19	186.236	0.060	3.8	0.0682	0.0000	OK
30 minute summer	S13	20	186.082	0.048	6.5	0.0679	0.0000	OK
30 minute summer	S14	19	185.336	0.086	9.2	0.1348	0.0000	OK
30 minute summer	S15	19	184.920	0.053	11.6	0.0742	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	S1	1.000	J1	1.2	0.526	0.137	0.0191
30 minute summer	S2	1.012	J12	9.1	0.672	0.303	0.0202
30 minute summer	S3	1.019	J18	12.5	1.025	0.409	0.0631
30 minute summer	S4	1.022	BASIN 1	20.7	1.985	0.124	0.4415
30 minute summer	S5	1.024	SWALE 1	0.6	0.290	0.012	0.0499
30 minute summer	S6	1.026	BASIN 2	0.6	0.305	0.012	0.0121
30 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
30 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0502
30 minute summer	S9	1.031	S10	-0.4	-0.090	-0.007	0.0686
30 minute summer	S10	1.032	SWALE 3	16.0	1.011	0.089	0.0701
30 minute summer	S11	32.000	J28	2.7	0.656	0.453	0.0188
30 minute summer	S12	32.003	J30	3.8	0.551	0.283	0.0350
30 minute summer	S13	32.007	J33	6.5	1.408	0.203	0.0605
30 minute summer	S14	32.009	J34	9.1	0.935	0.528	0.0512
30 minute summer	S15	32.013	J37	11.4	1.052	0.123	0.1026

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S16	20	184.607	0.050	12.4	0.0628	0.0000	OK
30 minute summer	S17	27	186.012	0.012	0.2	0.0134	0.0000	OK
30 minute summer	S18	19	185.721	0.060	3.3	0.0854	0.0000	OK
30 minute summer	S19	19	185.568	0.077	6.6	0.1052	0.0000	OK
30 minute summer	S20	19	184.671	0.029	1.0	0.0350	0.0000	OK
30 minute summer	S21	20	184.504	0.045	2.2	0.0528	0.0000	OK
30 minute summer	S22	21	184.358	0.072	4.5	0.0885	0.0000	OK
30 minute summer	S23	21	184.244	0.086	6.1	0.1018	0.0000	OK
30 minute summer	S24	21	184.090	0.113	12.5	0.1638	0.0000	OK
30 minute summer	S25	21	184.027	0.101	13.0	0.1140	0.0000	OK
30 minute summer	S26	19	185.397	0.020	0.8	0.0245	0.0000	OK
30 minute summer	FC1	22	188.485	0.235	1.1	0.3132	0.0000	SURCHARGED
30 minute summer	FC2	22	188.385	0.235	1.1	0.3134	0.0000	SURCHARGED
30 minute summer	FC3	22	188.594	0.394	1.8	0.5714	0.0000	SURCHARGED
30 minute summer	FC4	21	188.381	0.181	0.9	0.2339	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	S16	32.015	J38	12.5	0.981	0.085	0.0302
30 minute summer	S17	23.001	J20	0.2	0.282	0.030	0.0062
30 minute summer	S18	23.006	J24	3.3	0.517	0.243	0.0119
30 minute summer	S19	23.010	J27	6.6	0.543	0.219	0.1077
30 minute summer	S20	48.001	J41	1.0	0.540	0.165	0.0084
30 minute summer	S21	48.004	J43	2.2	0.670	0.367	0.0165
30 minute summer	S22	48.008	J46	4.5	0.539	0.335	0.0204
30 minute summer	S23	48.011	J48	6.1	0.459	0.198	0.0152
30 minute summer	S24	48.018	J56	12.5	0.533	0.233	0.1000
30 minute summer	S25	48.021	BASIN 4	13.0	0.696	0.236	0.0597
30 minute summer	S26	65.001	J54	0.8	0.673	0.086	0.0095
30 minute summer	FC1	2.000	J1	0.5	0.412	0.076	0.0095
30 minute summer	FC2	3.000	J2	0.5	0.259	0.079	0.0133
30 minute summer	FC3	4.000	J3	0.6	0.509	0.097	0.0113
30 minute summer	FC4	5.000	J4	0.4	0.510	0.054	0.0059

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC5	22	188.236	0.236	1.1	0.3136	0.0000	SURCHARGED
30 minute summer	FC6	21	188.031	0.181	0.9	0.2335	0.0000	SURCHARGED
30 minute summer	FC7	21	187.931	0.181	0.9	0.2342	0.0000	SURCHARGED
30 minute summer	FC8	22	187.984	0.234	1.1	0.3116	0.0000	SURCHARGED
30 minute summer	FC9	21	187.652	0.182	0.9	0.2349	0.0000	SURCHARGED
30 minute summer	FC10	22	187.805	0.335	1.5	0.4727	0.0000	SURCHARGED
30 minute summer	FC11	22	187.526	0.206	1.0	0.2705	0.0000	SURCHARGED
30 minute summer	FC12	22	187.436	0.206	1.0	0.2705	0.0000	SURCHARGED
30 minute summer	FC13	22	187.236	0.236	1.1	0.3135	0.0000	SURCHARGED
30 minute summer	FC14	28	186.942	0.042	1.1	0.5341	0.0000	OK
30 minute summer	FC15	21	187.380	0.180	0.9	0.2324	0.0000	SURCHARGED
30 minute summer	FC16	21	187.082	0.182	0.9	0.2345	0.0000	SURCHARGED
30 minute summer	FC17	21	187.180	0.180	0.9	0.2327	0.0000	SURCHARGED
30 minute summer	FC18	21	186.732	0.182	0.9	0.2349	0.0000	SURCHARGED
30 minute summer	FC19	22	186.636	0.236	1.1	0.3135	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC5	6.000	J5	0.5	0.442	0.079	0.0044
30 minute summer	FC6	7.000	J6	0.4	0.562	0.047	0.0054
30 minute summer	FC7	8.000	J7	0.4	0.487	0.058	0.0061
30 minute summer	FC8	9.000	J8	0.5	0.628	0.049	0.0031
30 minute summer	FC9	10.000	J9	0.4	0.430	0.069	0.0069
30 minute summer	FC10	11.000	J10	0.6	0.509	0.085	0.0069
30 minute summer	FC11	12.000	J11	0.4	0.436	0.074	0.0078
30 minute summer	FC12	13.000	S2	0.4	0.436	0.074	0.0069
30 minute summer	FC13	14.000	J12	0.5	0.446	0.079	0.0072
30 minute summer	FC14	15.000	J13	0.2	0.334	0.029	0.0039
30 minute summer	FC15	16.000	J14	0.4	0.911	0.024	0.0021
30 minute summer	FC16	17.000	J15	0.4	0.456	0.063	0.0068
30 minute summer	FC17	18.000	J16	0.4	0.725	0.033	0.0028
30 minute summer	FC18	19.000	J17	0.4	0.428	0.069	0.0067
30 minute summer	FC19	20.000	S3	0.5	0.444	0.080	0.0070

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC20	22	187.183	0.233	1.1	0.3104	0.0000	SURCHARGED
30 minute summer	FC21	22	186.536	0.236	1.1	0.3135	0.0000	SURCHARGED
30 minute summer	FC22	26	186.491	0.041	0.9	0.4028	0.0000	OK
30 minute summer	FC23	21	186.482	0.182	0.9	0.2347	0.0000	SURCHARGED
30 minute summer	FC24	22	186.535	0.235	1.1	0.3125	0.0000	SURCHARGED
30 minute summer	FC25	22	186.783	0.233	1.1	0.3104	0.0000	SURCHARGED
30 minute summer	FC26	26	186.490	0.040	0.9	0.4061	0.0000	OK
30 minute summer	FC27	21	186.680	0.180	0.9	0.2324	0.0000	SURCHARGED
30 minute summer	FC28	22	186.733	0.233	1.1	0.3104	0.0000	SURCHARGED
30 minute summer	FC29	22	186.760	0.260	1.2	0.3518	0.0000	SURCHARGED
30 minute summer	FC30	22	186.983	0.233	1.1	0.3106	0.0000	SURCHARGED
30 minute summer	FC31	21	186.631	0.181	0.9	0.2334	0.0000	SURCHARGED
30 minute summer	FC32	21	186.630	0.180	0.9	0.2327	0.0000	SURCHARGED
30 minute summer	FC33	22	186.683	0.233	1.1	0.3106	0.0000	SURCHARGED
30 minute summer	FC34	22	186.685	0.235	1.1	0.3134	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC20	21.000	J18	0.5	0.895	0.030	0.0023
30 minute summer	FC21	22.000	J19	0.5	0.445	0.080	0.0081
30 minute summer	FC22	23.000	S17	0.2	0.505	0.009	0.0018
30 minute summer	FC23	24.000	J20	0.4	0.445	0.065	0.0042
30 minute summer	FC24	25.000	J21	0.5	0.520	0.063	0.0042
30 minute summer	FC25	26.000	J22	0.5	0.888	0.030	0.0025
30 minute summer	FC26	27.000	J23	0.2	0.581	0.013	0.0014
30 minute summer	FC27	28.000	J24	0.4	0.940	0.023	0.0020
30 minute summer	FC28	29.000	J25	0.5	0.893	0.030	0.0023
30 minute summer	FC29	30.000	J26	0.5	0.884	0.033	0.0027
30 minute summer	FC30	31.000	J27	0.5	0.834	0.033	0.0025
30 minute summer	FC31	33.000	J28	0.4	0.352	0.046	0.0103
30 minute summer	FC32	34.000	J29	0.4	0.282	0.033	0.0110
30 minute summer	FC33	35.000	S12	0.5	0.820	0.033	0.0024
30 minute summer	FC34	36.000	J30	0.5	0.457	0.076	0.0049

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC35	22	186.683	0.233	1.1	0.3106	0.0000	SURCHARGED
30 minute summer	FC36	22	186.710	0.260	1.2	0.3517	0.0000	SURCHARGED
30 minute summer	FC37	22	186.112	0.312	1.4	0.4337	0.0000	SURCHARGED
30 minute summer	FC38	26	185.485	0.035	0.9	0.4196	0.0000	OK
30 minute summer	FC39	21	185.630	0.180	0.9	0.2325	0.0000	SURCHARGED
30 minute summer	FC40	22	185.733	0.233	1.1	0.3102	0.0000	SURCHARGED
30 minute summer	FC41	22	185.084	0.234	1.1	0.3113	0.0000	SURCHARGED
30 minute summer	FC42	22	184.834	0.234	1.1	0.3119	0.0000	SURCHARGED
30 minute summer	FC43	22	184.834	0.234	1.1	0.3112	0.0000	SURCHARGED
30 minute summer	FC44	18	184.620	0.020	0.9	0.0257	0.0000	OK
30 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC46	22	185.035	0.335	1.5	0.4731	0.0000	SURCHARGED
30 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC48	22	185.033	0.233	1.1	0.3106	0.0000	SURCHARGED
30 minute summer	FC49	22	185.036	0.236	1.1	0.3136	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC35	37.000	J31	0.5	0.825	0.033	0.0033
30 minute summer	FC36	38.000	J32	0.5	0.900	0.032	0.0034
30 minute summer	FC37	39.000	J33	0.5	0.618	0.062	0.0058
30 minute summer	FC38	40.000	J34	0.2	0.541	0.012	0.0014
30 minute summer	FC39	41.000	J35	0.4	0.799	0.029	0.0023
30 minute summer	FC40	42.000	J36	0.5	1.017	0.025	0.0024
30 minute summer	FC41	43.000	J37	0.5	0.665	0.045	0.0036
30 minute summer	FC42	44.000	J38	0.5	0.579	0.055	0.0040
30 minute summer	FC43	45.000	J39	0.5	0.677	0.044	0.0030
30 minute summer	FC44	46.000	J40	0.9	0.836	0.080	0.0047
30 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
30 minute summer	FC46	48.000	S20	0.6	0.431	0.095	0.0089
30 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0048
30 minute summer	FC48	50.000	J42	0.5	0.550	0.034	0.0072
30 minute summer	FC49	51.000	S21	0.5	0.443	0.079	0.0046

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC50	22	185.036	0.236	1.1	0.3136	0.0000	SURCHARGED
30 minute summer	FC51	22	185.086	0.236	1.1	0.3135	0.0000	SURCHARGED
30 minute summer	FC52	22	185.539	0.289	1.3	0.3956	0.0000	SURCHARGED
30 minute summer	FC53	22	185.484	0.234	1.1	0.3117	0.0000	SURCHARGED
30 minute summer	FC54	21	185.431	0.181	0.9	0.2330	0.0000	SURCHARGED
30 minute summer	FC55	21	185.430	0.180	0.9	0.2325	0.0000	SURCHARGED
30 minute summer	FC56	22	185.583	0.233	1.1	0.3104	0.0000	SURCHARGED
30 minute summer	FC57	22	185.583	0.233	1.1	0.3106	0.0000	SURCHARGED
30 minute summer	FC58	21	185.530	0.180	0.9	0.2326	0.0000	SURCHARGED
30 minute summer	FC59	21	185.530	0.180	0.9	0.2328	0.0000	SURCHARGED
30 minute summer	FC60	22	185.584	0.234	1.1	0.3110	0.0000	SURCHARGED
30 minute summer	FC61	22	185.534	0.234	1.1	0.3119	0.0000	SURCHARGED
30 minute summer	FC62	22	185.613	0.363	1.6	0.5192	0.0000	SURCHARGED
30 minute summer	FC63	21	185.582	0.182	0.9	0.2352	0.0000	SURCHARGED
30 minute summer	FC64	22	185.236	0.235	1.1	0.3134	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC50	52.000	J43	0.5	0.443	0.079	0.0050
30 minute summer	FC51	55.000	S22	0.5	0.445	0.079	0.0065
30 minute summer	FC52	58.000	S23	0.5	0.668	0.052	0.0043
30 minute summer	FC53	61.000	J50	0.5	0.609	0.051	0.0033
30 minute summer	FC54	62.000	J51	0.4	0.649	0.038	0.0025
30 minute summer	FC55	64.000	J53	0.4	0.817	0.028	0.0021
30 minute summer	FC56	53.000	J44	0.5	0.877	0.031	0.0036
30 minute summer	FC57	54.000	J45	0.5	0.824	0.034	0.0037
30 minute summer	FC58	56.000	J46	0.4	0.760	0.031	0.0034
30 minute summer	FC59	57.000	J47	0.4	0.706	0.034	0.0038
30 minute summer	FC60	59.000	J48	0.5	0.727	0.040	0.0043
30 minute summer	FC61	60.000	J49	0.5	0.583	0.055	0.0060
30 minute summer	FC62	63.000	J52	0.6	0.573	0.077	0.0097
30 minute summer	FC63	65.000	S26	0.4	0.432	0.069	0.0025
30 minute summer	FC64	66.000	J54	0.5	0.317	0.080	0.0035

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC65	22	185.383	0.233	1.1	0.3102	0.0000	SURCHARGED
30 minute summer	FC66	22	185.235	0.235	1.1	0.3129	0.0000	SURCHARGED
30 minute summer	FC67	26	184.840	0.040	0.9	0.4090	0.0000	OK
30 minute summer	FC68	21	184.731	0.181	0.9	0.2336	0.0000	SURCHARGED
30 minute summer	J1	18	188.242	0.042	2.8	0.0568	0.0000	OK
30 minute summer	J2	19	188.166	0.060	3.1	0.0678	0.0000	OK
30 minute summer	J3	19	188.100	0.054	3.7	0.0614	0.0000	OK
30 minute summer	J4	19	188.074	0.039	4.0	0.0436	0.0000	OK
30 minute summer	J5	20	187.945	0.035	4.5	0.0392	0.0000	OK
30 minute summer	J6	20	187.702	0.052	4.9	0.0585	0.0000	OK
30 minute summer	J7	20	187.665	0.065	5.3	0.0731	0.0000	OK
30 minute summer	J8	20	187.640	0.046	5.7	0.0526	0.0000	OK
30 minute summer	J9	21	187.339	0.064	6.1	0.0728	0.0000	OK
30 minute summer	J10	21	187.307	0.037	6.6	0.0420	0.0000	OK
30 minute summer	J11	21	187.175	0.054	7.1	0.0607	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC65	67.000	J55	0.5	0.637	0.025	0.0034
30 minute summer	FC66	68.000	S24	0.5	0.498	0.065	0.0020
30 minute summer	FC67	69.000	J56	0.2	0.324	0.028	0.0011
30 minute summer	FC68	70.000	J57	0.4	0.563	0.046	0.0017
30 minute summer	J1	1.001	J2	2.8	0.695	0.332	0.0200
30 minute summer	J2	1.002	J3	3.1	0.699	0.530	0.0047
30 minute summer	J3	1.003	J4	3.7	0.794	0.276	0.0091
30 minute summer	J4	1.004	J5	4.0	1.218	0.120	0.0117
30 minute summer	J5	1.005	J6	4.5	1.073	0.117	0.0240
30 minute summer	J6	1.006	J7	4.9	0.771	0.171	0.0124
30 minute summer	J7	1.007	J8	5.2	0.886	0.377	0.0067
30 minute summer	J8	1.008	J9	5.7	1.270	0.188	0.0379
30 minute summer	J9	1.009	J10	6.1	0.907	0.182	0.0082
30 minute summer	J10	1.010	J11	6.6	1.181	0.051	0.0141
30 minute summer	J11	1.011	S2	7.0	0.657	0.110	0.0587

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J12	20	186.869	0.060	9.5	0.0681	0.0000	OK
30 minute summer	J13	20	186.808	0.105	9.7	0.1193	0.0000	OK
30 minute summer	J14	21	186.795	0.100	10.0	0.1132	0.0000	OK
30 minute summer	J15	21	186.778	0.090	10.4	0.1019	0.0000	OK
30 minute summer	J16	21	186.744	0.074	10.8	0.0835	0.0000	OK
30 minute summer	J17	21	186.407	0.049	11.2	0.0557	0.0000	OK
30 minute summer	J18	21	186.256	0.062	13.0	0.0701	0.0000	OK
30 minute summer	J19	21	186.130	0.103	13.5	0.1162	0.0000	OK
30 minute summer	J20	23	185.952	0.021	0.6	0.0241	0.0000	OK
30 minute summer	J21	23	185.923	0.028	1.0	0.0321	0.0000	OK
30 minute summer	J22	23	185.855	0.037	1.5	0.0418	0.0000	OK
30 minute summer	J23	24	185.821	0.038	1.7	0.0429	0.0000	OK
30 minute summer	J24	19	185.709	0.059	3.7	0.0663	0.0000	OK
30 minute summer	J25	20	185.679	0.064	4.1	0.0720	0.0000	OK
30 minute summer	J26	20	185.653	0.066	4.6	0.0751	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J12	1.013	J13	9.5	0.718	0.142	0.0866
30 minute summer	J13	1.014	J14	9.6	0.545	0.306	0.0335
30 minute summer	J14	1.015	J15	10.0	0.628	0.319	0.0305
30 minute summer	J15	1.016	J16	10.4	0.796	0.340	0.0670
30 minute summer	J16	1.017	J17	10.8	1.050	0.180	0.0347
30 minute summer	J17	1.018	S3	11.2	1.035	0.077	0.0209
30 minute summer	J18	1.020	J19	13.0	1.738	0.100	0.0112
30 minute summer	J19	1.021	S4	13.5	0.702	0.244	0.0844
30 minute summer	J20	23.002	J21	0.6	0.379	0.097	0.0057
30 minute summer	J21	23.003	J22	1.0	0.469	0.176	0.0178
30 minute summer	J22	23.004	J23	1.5	0.565	0.253	0.0096
30 minute summer	J23	23.005	S18	1.7	0.634	0.284	0.0199
30 minute summer	J24	23.007	J25	3.7	0.550	0.278	0.0416
30 minute summer	J25	23.008	J26	4.1	0.565	0.310	0.0363
30 minute summer	J26	23.009	S19	4.6	0.649	0.346	0.0263

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J27	19	185.539	0.078	7.0	0.0883	0.0000	OK
30 minute summer	J28	18	186.409	0.053	3.0	0.0599	0.0000	OK
30 minute summer	J29	19	186.330	0.059	3.4	0.0663	0.0000	OK
30 minute summer	J30	20	186.211	0.064	4.2	0.0726	0.0000	OK
30 minute summer	J31	20	186.184	0.065	4.7	0.0733	0.0000	OK
30 minute summer	J32	20	186.130	0.066	5.1	0.0748	0.0000	OK
30 minute summer	J33	20	185.655	0.045	7.1	0.0513	0.0000	OK
30 minute summer	J34	19	185.202	0.077	9.3	0.0876	0.0000	OK
30 minute summer	J35	20	185.125	0.050	9.6	0.0570	0.0000	OK
30 minute summer	J36	20	184.960	0.085	10.1	0.0961	0.0000	OK
30 minute summer	J37	20	184.665	0.090	11.8	0.1021	0.0000	OK
30 minute summer	J38	20	184.487	0.112	12.9	0.1267	0.0000	OK
30 minute summer	J39	20	184.448	0.110	13.4	0.1248	0.0000	OK
30 minute summer	J40	20	184.420	0.095	14.1	0.1074	0.0000	OK
30 minute summer	J41	20	184.625	0.028	1.0	0.0318	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J27	23.011	S4	6.9	0.625	0.233	0.0266
30 minute summer	J28	32.001	J29	3.0	0.677	0.507	0.0395
30 minute summer	J29	32.002	S12	3.4	0.744	0.569	0.0211
30 minute summer	J30	32.004	J31	4.2	0.584	0.318	0.0360
30 minute summer	J31	32.005	J32	4.7	0.632	0.351	0.0719
30 minute summer	J32	32.006	S13	5.1	0.854	0.385	0.0326
30 minute summer	J33	32.008	S14	7.1	0.978	0.199	0.0674
30 minute summer	J34	32.010	J35	9.2	0.997	0.239	0.0843
30 minute summer	J35	32.011	J36	9.6	0.967	0.108	0.0699
30 minute summer	J36	32.012	S15	10.4	1.012	0.348	0.0247
30 minute summer	J37	32.014	S16	11.8	1.126	0.389	0.0554
30 minute summer	J38	32.016	J39	13.0	0.665	0.430	0.2114
30 minute summer	J39	32.017	J40	13.4	0.762	0.436	0.0644
30 minute summer	J40	32.018	S10	14.1	0.931	0.326	0.1445
30 minute summer	J41	48.002	J42	1.0	0.481	0.165	0.0127

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J42	21	184.570	0.033	1.4	0.0378	0.0000	OK
30 minute summer	J43	21	184.412	0.052	2.6	0.0583	0.0000	OK
30 minute summer	J44	21	184.399	0.049	3.1	0.0559	0.0000	OK
30 minute summer	J45	21	184.367	0.067	3.5	0.0755	0.0000	OK
30 minute summer	J46	21	184.344	0.072	4.9	0.0813	0.0000	OK
30 minute summer	J47	21	184.321	0.073	5.3	0.0827	0.0000	OK
30 minute summer	J48	22	184.237	0.082	6.6	0.0933	0.0000	OK
30 minute summer	J49	22	184.224	0.095	7.0	0.1077	0.0000	OK
30 minute summer	J50	22	184.217	0.092	7.5	0.1036	0.0000	OK
30 minute summer	J51	22	184.205	0.097	7.9	0.1093	0.0000	OK
30 minute summer	J52	22	184.195	0.091	8.4	0.1025	0.0000	OK
30 minute summer	J53	23	184.174	0.087	8.8	0.0982	0.0000	OK
30 minute summer	J54	20	185.012	0.032	1.2	0.0368	0.0000	OK
30 minute summer	J55	21	184.981	0.037	1.6	0.0421	0.0000	OK
30 minute summer	J56	21	184.075	0.108	12.6	0.1226	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J42	48.003	S21	1.4	0.506	0.241	0.0231
30 minute summer	J43	48.005	J44	2.6	0.502	0.186	0.0084
30 minute summer	J44	48.006	J45	3.1	0.488	0.230	0.0554
30 minute summer	J45	48.007	S22	3.5	0.450	0.261	0.0190
30 minute summer	J46	48.009	J47	4.9	0.581	0.367	0.0355
30 minute summer	J47	48.010	S23	5.3	0.666	0.397	0.0210
30 minute summer	J48	48.012	J49	6.5	0.458	0.218	0.1085
30 minute summer	J49	48.013	J50	7.0	0.454	0.228	0.0177
30 minute summer	J50	48.014	J51	7.5	0.475	0.249	0.0798
30 minute summer	J51	48.015	J52	7.8	0.503	0.256	0.0177
30 minute summer	J52	48.016	J53	8.4	0.580	0.276	0.0708
30 minute summer	J53	48.017	S24	8.8	0.679	0.293	0.1334
30 minute summer	J54	65.002	J55	1.2	0.488	0.199	0.0088
30 minute summer	J55	65.003	S24	1.6	0.629	0.276	0.0203
30 minute summer	J56	48.019	J57	12.6	0.554	0.233	0.2078

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Results for 2 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J57	21	184.053	0.108	13.1	0.1220	0.0000	OK
30 minute summer	BASIN 1	64	185.205	0.205	20.7	23.0582	0.0000	OK
30 minute summer	BASIN 2	270	184.366	0.066	0.8	5.8042	0.0000	OK
30 minute summer	BASIN 3	59	183.123	0.022	15.7	15.5737	0.0000	OK
30 minute summer	BASIN 4	77	183.452	0.121	13.0	15.4708	0.0000	OK
30 minute summer	SWALE 1	66	184.955	0.023	0.6	0.0259	0.0000	OK
30 minute summer	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWALE 3	21	184.169	0.099	16.0	0.1115	0.0000	OK
30 minute summer	BH1	270	184.366	0.289	0.6	1.6415	0.0000	OK
30 minute summer	BH2	121	183.121	0.069	0.6	1.9512	0.0000	OK
30 minute summer	BH3	75	183.452	0.146	5.8	2.2884	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J57	48.020	S25	13.0	0.599	0.241	0.1724
30 minute summer	BASIN 1	1.023	S5	1.2	0.246	0.022	0.4607
30 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
30 minute summer	BASIN 2	71.000	BH1	0.6	0.471	0.099	0.1559
30 minute summer	BASIN 3	1.034	BH2	0.6	0.338	0.007	0.2202
30 minute summer	BASIN 4	48.022	BH3	5.8	0.807	0.109	0.3099
30 minute summer	SWALE 1	1.025	S6	0.6	0.264	0.012	0.0939
30 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
30 minute summer	SWALE 3	1.033	BASIN 3	15.7	0.802	0.227	0.8480
30 minute summer	BH1	Infiltration		0.1			
30 minute summer	BH2	Infiltration		0.2			
30 minute summer	BH3	Infiltration		0.2			

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S1	18	188.394	0.024	1.1	0.0324	0.0000	OK
30 minute winter	S2	20	187.130	0.090	9.1	0.1331	0.0000	OK
30 minute winter	S3	21	186.307	0.095	12.7	0.1236	0.0000	OK
30 minute winter	S4	19	185.454	0.076	20.9	0.0905	0.0000	OK
30 minute winter	S5	66	185.228	0.248	1.3	0.2809	0.0000	OK
30 minute winter	S6	70	184.868	0.024	0.7	0.0272	0.0000	OK
30 minute winter	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S9	20	184.253	0.053	0.4	0.0597	0.0000	OK
30 minute winter	S10	20	184.253	0.069	15.9	0.1049	0.0000	OK
30 minute winter	S11	18	186.449	0.049	2.5	0.0803	0.0000	OK
30 minute winter	S12	19	186.235	0.059	3.7	0.0667	0.0000	OK
30 minute winter	S13	20	186.081	0.047	6.4	0.0671	0.0000	OK
30 minute winter	S14	19	185.335	0.085	9.0	0.1326	0.0000	OK
30 minute winter	S15	20	184.920	0.053	11.3	0.0738	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	S1	1.000	J1	1.1	0.509	0.126	0.0180
30 minute winter	S2	1.012	J12	9.1	0.672	0.304	0.0202
30 minute winter	S3	1.019	J18	12.7	1.030	0.417	0.0639
30 minute winter	S4	1.022	BASIN 1	21.0	1.964	0.125	0.4950
30 minute winter	S5	1.024	SWALE 1	0.7	0.292	0.012	0.0518
30 minute winter	S6	1.026	BASIN 2	0.7	0.309	0.012	0.0125
30 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
30 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0499
30 minute winter	S9	1.031	S10	-0.4	-0.097	-0.006	0.0684
30 minute winter	S10	1.032	SWALE 3	15.9	1.002	0.088	0.0704
30 minute winter	S11	32.000	J28	2.5	0.638	0.419	0.0178
30 minute winter	S12	32.003	J30	3.6	0.545	0.272	0.0340
30 minute winter	S13	32.007	J33	6.4	1.398	0.199	0.0596
30 minute winter	S14	32.009	J34	8.9	0.931	0.514	0.0502
30 minute winter	S15	32.013	J37	11.3	1.044	0.122	0.1020

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S16	20	184.607	0.050	12.4	0.0626	0.0000	OK
30 minute winter	S17	29	186.012	0.012	0.2	0.0140	0.0000	OK
30 minute winter	S18	19	185.722	0.061	3.4	0.0855	0.0000	OK
30 minute winter	S19	20	185.567	0.076	6.5	0.1044	0.0000	OK
30 minute winter	S20	19	184.671	0.029	1.0	0.0355	0.0000	OK
30 minute winter	S21	21	184.504	0.045	2.2	0.0534	0.0000	OK
30 minute winter	S22	21	184.360	0.074	4.7	0.0906	0.0000	OK
30 minute winter	S23	22	184.247	0.089	6.4	0.1052	0.0000	OK
30 minute winter	S24	22	184.094	0.117	13.2	0.1693	0.0000	OK
30 minute winter	S25	22	184.030	0.104	13.8	0.1176	0.0000	OK
30 minute winter	S26	19	185.398	0.021	0.8	0.0248	0.0000	OK
30 minute winter	FC1	23	188.500	0.250	1.0	0.3325	0.0000	SURCHARGED
30 minute winter	FC2	23	188.400	0.250	1.0	0.3327	0.0000	SURCHARGED
30 minute winter	FC3	24	188.627	0.427	1.6	0.6196	0.0000	SURCHARGED
30 minute winter	FC4	23	188.403	0.203	0.8	0.2623	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	S16	32.015	J38	12.4	0.977	0.084	0.0301
30 minute winter	S17	23.001	J20	0.2	0.292	0.033	0.0066
30 minute winter	S18	23.006	J24	3.3	0.513	0.244	0.0120
30 minute winter	S19	23.010	J27	6.5	0.540	0.216	0.1070
30 minute winter	S20	48.001	J41	1.0	0.542	0.169	0.0086
30 minute winter	S21	48.004	J43	2.2	0.674	0.374	0.0168
30 minute winter	S22	48.008	J46	4.7	0.542	0.348	0.0210
30 minute winter	S23	48.011	J48	6.4	0.459	0.207	0.0159
30 minute winter	S24	48.018	J56	13.2	0.538	0.247	0.1046
30 minute winter	S25	48.021	BASIN 4	13.8	0.707	0.250	0.0623
30 minute winter	S26	65.001	J54	0.8	0.678	0.088	0.0097
30 minute winter	FC1	2.000	J1	0.5	0.436	0.078	0.0092
30 minute winter	FC2	3.000	J2	0.5	0.274	0.082	0.0129
30 minute winter	FC3	4.000	J3	0.6	0.516	0.101	0.0117
30 minute winter	FC4	5.000	J4	0.4	0.519	0.058	0.0062

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC5	23	188.250	0.250	1.0	0.3331	0.0000	SURCHARGED
30 minute winter	FC6	23	188.053	0.203	0.8	0.2618	0.0000	SURCHARGED
30 minute winter	FC7	23	187.953	0.203	0.8	0.2626	0.0000	SURCHARGED
30 minute winter	FC8	23	187.998	0.248	1.0	0.3306	0.0000	SURCHARGED
30 minute winter	FC9	23	187.674	0.204	0.8	0.2635	0.0000	SURCHARGED
30 minute winter	FC10	23	187.844	0.374	1.4	0.5276	0.0000	SURCHARGED
30 minute winter	FC11	22	187.538	0.218	0.9	0.2860	0.0000	SURCHARGED
30 minute winter	FC12	22	187.448	0.218	0.9	0.2860	0.0000	SURCHARGED
30 minute winter	FC13	23	187.250	0.250	1.0	0.3329	0.0000	SURCHARGED
30 minute winter	FC14	30	186.946	0.046	1.0	0.5904	0.0000	OK
30 minute winter	FC15	23	187.401	0.201	0.8	0.2600	0.0000	SURCHARGED
30 minute winter	FC16	23	187.104	0.204	0.8	0.2631	0.0000	SURCHARGED
30 minute winter	FC17	23	187.202	0.202	0.8	0.2606	0.0000	SURCHARGED
30 minute winter	FC18	23	186.754	0.204	0.8	0.2636	0.0000	SURCHARGED
30 minute winter	FC19	23	186.650	0.250	1.0	0.3330	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC5	6.000	J5	0.5	0.447	0.082	0.0045
30 minute winter	FC6	7.000	J6	0.4	0.572	0.050	0.0056
30 minute winter	FC7	8.000	J7	0.4	0.496	0.061	0.0064
30 minute winter	FC8	9.000	J8	0.5	0.633	0.050	0.0032
30 minute winter	FC9	10.000	J9	0.4	0.437	0.073	0.0072
30 minute winter	FC10	11.000	J10	0.6	0.517	0.091	0.0072
30 minute winter	FC11	12.000	J11	0.5	0.440	0.076	0.0079
30 minute winter	FC12	13.000	S2	0.5	0.440	0.076	0.0071
30 minute winter	FC13	14.000	J12	0.5	0.451	0.082	0.0074
30 minute winter	FC14	15.000	J13	0.2	0.341	0.031	0.0041
30 minute winter	FC15	16.000	J14	0.4	0.927	0.025	0.0022
30 minute winter	FC16	17.000	J15	0.4	0.465	0.067	0.0071
30 minute winter	FC17	18.000	J16	0.4	0.738	0.035	0.0029
30 minute winter	FC18	19.000	J17	0.4	0.435	0.074	0.0070
30 minute winter	FC19	20.000	S3	0.5	0.448	0.082	0.0071

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC20	23	187.197	0.247	1.0	0.3292	0.0000	SURCHARGED
30 minute winter	FC21	23	186.550	0.250	1.0	0.3329	0.0000	SURCHARGED
30 minute winter	FC22	28	186.497	0.047	0.8	0.4612	0.0000	OK
30 minute winter	FC23	23	186.504	0.204	0.8	0.2634	0.0000	SURCHARGED
30 minute winter	FC24	23	186.549	0.249	1.0	0.3318	0.0000	SURCHARGED
30 minute winter	FC25	23	186.797	0.247	1.0	0.3292	0.0000	SURCHARGED
30 minute winter	FC26	28	186.496	0.046	0.8	0.4652	0.0000	OK
30 minute winter	FC27	23	186.701	0.201	0.8	0.2600	0.0000	SURCHARGED
30 minute winter	FC28	23	186.747	0.247	1.0	0.3292	0.0000	SURCHARGED
30 minute winter	FC29	23	186.774	0.274	1.1	0.3699	0.0000	SURCHARGED
30 minute winter	FC30	23	186.998	0.247	1.0	0.3294	0.0000	SURCHARGED
30 minute winter	FC31	23	186.653	0.203	0.8	0.2615	0.0000	SURCHARGED
30 minute winter	FC32	23	186.652	0.202	0.8	0.2605	0.0000	SURCHARGED
30 minute winter	FC33	23	186.698	0.248	1.0	0.3295	0.0000	SURCHARGED
30 minute winter	FC34	23	186.700	0.250	1.0	0.3328	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC20	21.000	J18	0.5	0.903	0.030	0.0023
30 minute winter	FC21	22.000	J19	0.5	0.450	0.082	0.0082
30 minute winter	FC22	23.000	S17	0.2	0.514	0.010	0.0019
30 minute winter	FC23	24.000	J20	0.4	0.453	0.069	0.0044
30 minute winter	FC24	25.000	J21	0.5	0.525	0.065	0.0043
30 minute winter	FC25	26.000	J22	0.5	0.896	0.031	0.0026
30 minute winter	FC26	27.000	J23	0.2	0.598	0.014	0.0015
30 minute winter	FC27	28.000	J24	0.4	0.957	0.024	0.0021
30 minute winter	FC28	29.000	J25	0.5	0.901	0.031	0.0024
30 minute winter	FC29	30.000	J26	0.5	0.891	0.034	0.0027
30 minute winter	FC30	31.000	J27	0.5	0.842	0.034	0.0026
30 minute winter	FC31	33.000	J28	0.4	0.392	0.048	0.0099
30 minute winter	FC32	34.000	J29	0.4	0.303	0.035	0.0107
30 minute winter	FC33	35.000	S12	0.5	0.828	0.034	0.0024
30 minute winter	FC34	36.000	J30	0.5	0.461	0.078	0.0050

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC35	23	186.698	0.247	1.0	0.3294	0.0000	SURCHARGED
30 minute winter	FC36	23	186.724	0.274	1.1	0.3698	0.0000	SURCHARGED
30 minute winter	FC37	23	186.143	0.343	1.3	0.4773	0.0000	SURCHARGED
30 minute winter	FC38	28	185.490	0.040	0.8	0.4821	0.0000	OK
30 minute winter	FC39	23	185.652	0.202	0.8	0.2603	0.0000	SURCHARGED
30 minute winter	FC40	23	185.747	0.247	1.0	0.3289	0.0000	SURCHARGED
30 minute winter	FC41	23	185.098	0.248	1.0	0.3303	0.0000	SURCHARGED
30 minute winter	FC42	23	184.849	0.249	1.0	0.3311	0.0000	SURCHARGED
30 minute winter	FC43	23	184.848	0.248	1.0	0.3302	0.0000	SURCHARGED
30 minute winter	FC44	19	184.619	0.019	0.8	0.0242	0.0000	OK
30 minute winter	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC46	23	185.074	0.374	1.4	0.5281	0.0000	SURCHARGED
30 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC48	23	185.048	0.247	1.0	0.3294	0.0000	SURCHARGED
30 minute winter	FC49	23	185.050	0.250	1.0	0.3331	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC35	37.000	J31	0.5	0.833	0.034	0.0031
30 minute winter	FC36	38.000	J32	0.5	0.907	0.033	0.0033
30 minute winter	FC37	39.000	J33	0.6	0.627	0.065	0.0060
30 minute winter	FC38	40.000	J34	0.2	0.558	0.014	0.0015
30 minute winter	FC39	41.000	J35	0.4	0.814	0.030	0.0024
30 minute winter	FC40	42.000	J36	0.5	1.026	0.026	0.0024
30 minute winter	FC41	43.000	J37	0.5	0.671	0.046	0.0037
30 minute winter	FC42	44.000	J38	0.5	0.584	0.056	0.0041
30 minute winter	FC43	45.000	J39	0.5	0.683	0.045	0.0031
30 minute winter	FC44	46.000	J40	0.8	0.809	0.071	0.0043
30 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
30 minute winter	FC46	48.000	S20	0.6	0.443	0.101	0.0091
30 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0048
30 minute winter	FC48	50.000	J42	0.5	0.596	0.035	0.0073
30 minute winter	FC49	51.000	S21	0.5	0.447	0.082	0.0047

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC50	23	185.050	0.250	1.0	0.3330	0.0000	SURCHARGED
30 minute winter	FC51	23	185.100	0.250	1.0	0.3330	0.0000	SURCHARGED
30 minute winter	FC52	23	185.564	0.314	1.2	0.4304	0.0000	SURCHARGED
30 minute winter	FC53	23	185.499	0.249	1.0	0.3308	0.0000	SURCHARGED
30 minute winter	FC54	23	185.452	0.202	0.8	0.2611	0.0000	SURCHARGED
30 minute winter	FC55	23	185.452	0.202	0.8	0.2602	0.0000	SURCHARGED
30 minute winter	FC56	23	185.597	0.247	1.0	0.3292	0.0000	SURCHARGED
30 minute winter	FC57	23	185.598	0.247	1.0	0.3294	0.0000	SURCHARGED
30 minute winter	FC58	23	185.552	0.202	0.8	0.2604	0.0000	SURCHARGED
30 minute winter	FC59	23	185.552	0.202	0.8	0.2607	0.0000	SURCHARGED
30 minute winter	FC60	23	185.598	0.248	1.0	0.3299	0.0000	SURCHARGED
30 minute winter	FC61	23	185.549	0.249	1.0	0.3310	0.0000	SURCHARGED
30 minute winter	FC62	24	185.659	0.409	1.5	0.5846	0.0000	SURCHARGED
30 minute winter	FC63	23	185.605	0.204	0.8	0.2640	0.0000	SURCHARGED
30 minute winter	FC64	23	185.250	0.250	1.0	0.3328	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC50	52.000	J43	0.5	0.447	0.082	0.0051
30 minute winter	FC51	55.000	S22	0.5	0.449	0.082	0.0066
30 minute winter	FC52	58.000	S23	0.6	0.676	0.055	0.0044
30 minute winter	FC53	61.000	J50	0.5	0.614	0.052	0.0034
30 minute winter	FC54	62.000	J51	0.4	0.660	0.041	0.0026
30 minute winter	FC55	64.000	J53	0.4	0.832	0.029	0.0022
30 minute winter	FC56	53.000	J44	0.5	0.885	0.032	0.0036
30 minute winter	FC57	54.000	J45	0.5	0.831	0.035	0.0038
30 minute winter	FC58	56.000	J46	0.4	0.774	0.033	0.0035
30 minute winter	FC59	57.000	J47	0.4	0.719	0.037	0.0039
30 minute winter	FC60	59.000	J48	0.5	0.733	0.041	0.0044
30 minute winter	FC61	60.000	J49	0.5	0.588	0.056	0.0061
30 minute winter	FC62	63.000	J52	0.6	0.584	0.082	0.0101
30 minute winter	FC63	65.000	S26	0.4	0.442	0.074	0.0026
30 minute winter	FC64	66.000	J54	0.5	0.319	0.082	0.0036

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC65	23	185.397	0.247	1.0	0.3289	0.0000	SURCHARGED
30 minute winter	FC66	23	185.250	0.250	1.0	0.3322	0.0000	SURCHARGED
30 minute winter	FC67	28	184.846	0.045	0.8	0.4694	0.0000	OK
30 minute winter	FC68	23	184.753	0.203	0.8	0.2619	0.0000	SURCHARGED
30 minute winter	J1	18	188.240	0.040	2.6	0.0544	0.0000	OK
30 minute winter	J2	19	188.164	0.058	3.0	0.0655	0.0000	OK
30 minute winter	J3	19	188.099	0.053	3.5	0.0600	0.0000	OK
30 minute winter	J4	19	188.073	0.038	3.9	0.0428	0.0000	OK
30 minute winter	J5	20	187.944	0.034	4.3	0.0386	0.0000	OK
30 minute winter	J6	20	187.701	0.051	4.7	0.0576	0.0000	OK
30 minute winter	J7	20	187.664	0.064	5.1	0.0723	0.0000	OK
30 minute winter	J8	21	187.639	0.046	5.6	0.0521	0.0000	OK
30 minute winter	J9	21	187.339	0.064	6.0	0.0726	0.0000	OK
30 minute winter	J10	21	187.307	0.037	6.6	0.0419	0.0000	OK
30 minute winter	J11	22	187.175	0.054	7.0	0.0606	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC65	67.000	J55	0.5	0.696	0.026	0.0035
30 minute winter	FC66	68.000	S24	0.5	0.502	0.067	0.0021
30 minute winter	FC67	69.000	J56	0.2	0.332	0.031	0.0012
30 minute winter	FC68	70.000	J57	0.4	0.573	0.049	0.0017
30 minute winter	J1	1.001	J2	2.6	0.678	0.311	0.0191
30 minute winter	J2	1.002	J3	3.0	0.690	0.501	0.0045
30 minute winter	J3	1.003	J4	3.5	0.783	0.265	0.0088
30 minute winter	J4	1.004	J5	3.9	1.206	0.116	0.0114
30 minute winter	J5	1.005	J6	4.3	1.062	0.113	0.0235
30 minute winter	J6	1.006	J7	4.7	0.765	0.167	0.0122
30 minute winter	J7	1.007	J8	5.1	0.880	0.369	0.0066
30 minute winter	J8	1.008	J9	5.6	1.266	0.185	0.0375
30 minute winter	J9	1.009	J10	6.0	0.904	0.181	0.0081
30 minute winter	J10	1.010	J11	6.6	1.176	0.051	0.0140
30 minute winter	J11	1.011	S2	7.0	0.656	0.109	0.0589

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J12	20	186.869	0.060	9.5	0.0682	0.0000	OK
30 minute winter	J13	21	186.808	0.106	9.7	0.1202	0.0000	OK
30 minute winter	J14	21	186.796	0.101	10.1	0.1142	0.0000	OK
30 minute winter	J15	21	186.779	0.091	10.5	0.1027	0.0000	OK
30 minute winter	J16	21	186.744	0.074	11.0	0.0841	0.0000	OK
30 minute winter	J17	21	186.408	0.050	11.4	0.0562	0.0000	OK
30 minute winter	J18	21	186.257	0.063	13.2	0.0708	0.0000	OK
30 minute winter	J19	21	186.131	0.104	13.7	0.1172	0.0000	OK
30 minute winter	J20	24	185.953	0.022	0.6	0.0252	0.0000	OK
30 minute winter	J21	24	185.924	0.029	1.1	0.0331	0.0000	OK
30 minute winter	J22	25	185.856	0.038	1.6	0.0431	0.0000	OK
30 minute winter	J23	25	185.822	0.039	1.8	0.0443	0.0000	OK
30 minute winter	J24	20	185.709	0.059	3.7	0.0666	0.0000	OK
30 minute winter	J25	20	185.679	0.064	4.2	0.0728	0.0000	OK
30 minute winter	J26	21	185.654	0.067	4.7	0.0757	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J12	1.013	J13	9.5	0.718	0.142	0.0869
30 minute winter	J13	1.014	J14	9.7	0.544	0.308	0.0338
30 minute winter	J14	1.015	J15	10.1	0.628	0.324	0.0309
30 minute winter	J15	1.016	J16	10.5	0.799	0.344	0.0677
30 minute winter	J16	1.017	J17	11.0	1.053	0.182	0.0350
30 minute winter	J17	1.018	S3	11.4	1.037	0.078	0.0211
30 minute winter	J18	1.020	J19	13.2	1.744	0.102	0.0113
30 minute winter	J19	1.021	S4	13.7	0.705	0.248	0.0854
30 minute winter	J20	23.002	J21	0.6	0.388	0.105	0.0060
30 minute winter	J21	23.003	J22	1.1	0.476	0.186	0.0186
30 minute winter	J22	23.004	J23	1.6	0.571	0.267	0.0100
30 minute winter	J23	23.005	S18	1.8	0.644	0.301	0.0207
30 minute winter	J24	23.007	J25	3.7	0.550	0.281	0.0422
30 minute winter	J25	23.008	J26	4.2	0.565	0.315	0.0368
30 minute winter	J26	23.009	S19	4.7	0.652	0.350	0.0265

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J27	20	185.539	0.078	6.9	0.0883	0.0000	OK
30 minute winter	J28	18	186.407	0.051	2.9	0.0577	0.0000	OK
30 minute winter	J29	19	186.328	0.057	3.2	0.0642	0.0000	OK
30 minute winter	J30	20	186.210	0.063	4.1	0.0712	0.0000	OK
30 minute winter	J31	20	186.183	0.064	4.5	0.0720	0.0000	OK
30 minute winter	J32	20	186.129	0.065	5.0	0.0738	0.0000	OK
30 minute winter	J33	20	185.655	0.045	6.9	0.0508	0.0000	OK
30 minute winter	J34	20	185.202	0.077	9.0	0.0867	0.0000	OK
30 minute winter	J35	20	185.125	0.050	9.5	0.0566	0.0000	OK
30 minute winter	J36	20	184.959	0.084	10.0	0.0953	0.0000	OK
30 minute winter	J37	20	184.665	0.090	11.7	0.1016	0.0000	OK
30 minute winter	J38	20	184.486	0.111	12.9	0.1260	0.0000	OK
30 minute winter	J39	20	184.448	0.110	13.3	0.1241	0.0000	OK
30 minute winter	J40	20	184.420	0.094	14.0	0.1069	0.0000	OK
30 minute winter	J41	20	184.625	0.028	1.0	0.0322	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J27	23.011	S4	6.9	0.625	0.233	0.0266
30 minute winter	J28	32.001	J29	2.8	0.665	0.478	0.0378
30 minute winter	J29	32.002	S12	3.2	0.736	0.542	0.0203
30 minute winter	J30	32.004	J31	4.1	0.579	0.307	0.0351
30 minute winter	J31	32.005	J32	4.5	0.626	0.341	0.0705
30 minute winter	J32	32.006	S13	5.0	0.843	0.377	0.0320
30 minute winter	J33	32.008	S14	6.9	0.966	0.195	0.0664
30 minute winter	J34	32.010	J35	9.1	0.992	0.235	0.0833
30 minute winter	J35	32.011	J36	9.5	0.958	0.107	0.0691
30 minute winter	J36	32.012	S15	9.9	1.016	0.331	0.0245
30 minute winter	J37	32.014	S16	11.7	1.119	0.384	0.0550
30 minute winter	J38	32.016	J39	12.9	0.662	0.426	0.2099
30 minute winter	J39	32.017	J40	13.3	0.759	0.431	0.0640
30 minute winter	J40	32.018	S10	14.0	0.930	0.324	0.1436
30 minute winter	J41	48.002	J42	1.0	0.485	0.168	0.0129

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J42	22	184.571	0.034	1.5	0.0382	0.0000	OK
30 minute winter	J43	21	184.412	0.052	2.7	0.0593	0.0000	OK
30 minute winter	J44	22	184.400	0.050	3.1	0.0566	0.0000	OK
30 minute winter	J45	22	184.368	0.068	3.6	0.0772	0.0000	OK
30 minute winter	J46	21	184.346	0.074	5.1	0.0832	0.0000	OK
30 minute winter	J47	22	184.323	0.075	5.5	0.0848	0.0000	OK
30 minute winter	J48	22	184.239	0.085	6.9	0.0963	0.0000	OK
30 minute winter	J49	22	184.227	0.098	7.3	0.1106	0.0000	OK
30 minute winter	J50	23	184.219	0.094	7.8	0.1065	0.0000	OK
30 minute winter	J51	23	184.207	0.099	8.2	0.1123	0.0000	OK
30 minute winter	J52	23	184.197	0.093	8.8	0.1054	0.0000	OK
30 minute winter	J53	23	184.176	0.089	9.3	0.1009	0.0000	OK
30 minute winter	J54	20	185.012	0.033	1.2	0.0371	0.0000	OK
30 minute winter	J55	22	184.982	0.038	1.7	0.0427	0.0000	OK
30 minute winter	J56	22	184.079	0.112	13.4	0.1267	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J42	48.003	S21	1.4	0.508	0.246	0.0235
30 minute winter	J43	48.005	J44	2.7	0.505	0.191	0.0085
30 minute winter	J44	48.006	J45	3.1	0.489	0.236	0.0567
30 minute winter	J45	48.007	S22	3.6	0.451	0.269	0.0196
30 minute winter	J46	48.009	J47	5.1	0.586	0.381	0.0366
30 minute winter	J47	48.010	S23	5.5	0.673	0.414	0.0216
30 minute winter	J48	48.012	J49	6.9	0.458	0.229	0.1128
30 minute winter	J49	48.013	J50	7.3	0.456	0.239	0.0183
30 minute winter	J50	48.014	J51	7.8	0.479	0.260	0.0827
30 minute winter	J51	48.015	J52	8.2	0.508	0.268	0.0184
30 minute winter	J52	48.016	J53	8.8	0.586	0.290	0.0735
30 minute winter	J53	48.017	S24	9.3	0.688	0.307	0.1383
30 minute winter	J54	65.002	J55	1.2	0.491	0.203	0.0090
30 minute winter	J55	65.003	S24	1.7	0.633	0.283	0.0207
30 minute winter	J56	48.019	J57	13.4	0.561	0.247	0.2170

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Results for 2 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J57	22	184.056	0.111	13.8	0.1260	0.0000	OK
30 minute winter	BASIN 1	66	185.228	0.228	21.0	25.8395	0.0000	OK
30 minute winter	BASIN 2	270	184.372	0.072	0.8	6.3002	0.0000	OK
30 minute winter	BASIN 3	58	183.125	0.025	15.8	17.3652	0.0000	OK
30 minute winter	BASIN 4	79	183.468	0.138	13.8	17.5852	0.0000	OK
30 minute winter	SWALE 1	68	184.956	0.023	0.7	0.0265	0.0000	OK
30 minute winter	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
30 minute winter	SWALE 3	21	184.169	0.099	15.9	0.1119	0.0000	OK
30 minute winter	BH1	270	184.372	0.295	0.6	1.6576	0.0000	OK
30 minute winter	BH2	99	183.125	0.073	0.7	1.9704	0.0000	OK
30 minute winter	BH3	74	183.468	0.162	6.4	2.3640	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J57	48.020	S25	13.8	0.608	0.256	0.1799
30 minute winter	BASIN 1	1.023	S5	1.3	0.265	0.024	0.5119
30 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
30 minute winter	BASIN 2	71.000	BH1	0.6	0.477	0.104	0.1619
30 minute winter	BASIN 3	1.034	BH2	0.7	0.356	0.009	0.2425
30 minute winter	BASIN 4	48.022	BH3	6.4	0.822	0.120	0.3590
30 minute winter	SWALE 1	1.025	S6	0.7	0.264	0.013	0.0973
30 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
30 minute winter	SWALE 3	1.033	BASIN 3	15.8	0.802	0.228	0.8514
30 minute winter	BH1	Infiltration		0.1			
30 minute winter	BH2	Infiltration		0.2			
30 minute winter	BH3	Infiltration		0.2			

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S1	34	188.392	0.022	0.9	0.0294	0.0000	OK
60 minute summer	S2	36	187.123	0.084	8.0	0.1242	0.0000	OK
60 minute summer	S3	37	186.301	0.089	11.3	0.1158	0.0000	OK
60 minute summer	S4	35	185.445	0.067	18.4	0.0792	0.0000	OK
60 minute summer	S5	85	185.256	0.276	0.9	0.3124	0.0000	OK
60 minute summer	S6	88	184.869	0.025	0.7	0.0279	0.0000	OK
60 minute summer	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
60 minute summer	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
60 minute summer	S9	35	184.246	0.046	0.2	0.0524	0.0000	OK
60 minute summer	S10	35	184.246	0.062	13.6	0.0951	0.0000	OK
60 minute summer	S11	33	186.444	0.044	2.1	0.0721	0.0000	OK
60 minute summer	S12	34	186.230	0.054	3.1	0.0610	0.0000	OK
60 minute summer	S13	35	186.078	0.044	5.6	0.0623	0.0000	OK
60 minute summer	S14	35	185.327	0.077	7.7	0.1206	0.0000	OK
60 minute summer	S15	35	184.916	0.049	9.8	0.0683	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	S1	1.000	J1	0.9	0.485	0.103	0.0157
60 minute summer	S2	1.012	J12	8.0	0.649	0.268	0.0184
60 minute summer	S3	1.019	J18	11.3	0.999	0.368	0.0583
60 minute summer	S4	1.022	BASIN 1	18.4	1.476	0.110	0.5538
60 minute summer	S5	1.024	SWALE 1	0.7	0.267	0.013	0.0538
60 minute summer	S6	1.026	BASIN 2	0.7	0.314	0.013	0.0130
60 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
60 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0414
60 minute summer	S9	1.031	S10	-0.2	-0.047	-0.004	0.0583
60 minute summer	S10	1.032	SWALE 3	13.5	0.967	0.075	0.0622
60 minute summer	S11	32.000	J28	2.1	0.613	0.352	0.0155
60 minute summer	S12	32.003	J30	3.1	0.527	0.234	0.0302
60 minute summer	S13	32.007	J33	5.6	1.346	0.173	0.0539
60 minute summer	S14	32.009	J34	7.7	0.898	0.442	0.0447
60 minute summer	S15	32.013	J37	9.7	0.997	0.105	0.0918

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S16	35	184.602	0.045	10.6	0.0564	0.0000	OK
60 minute summer	S17	44	186.012	0.012	0.2	0.0138	0.0000	OK
60 minute summer	S18	35	185.717	0.056	2.9	0.0787	0.0000	OK
60 minute summer	S19	35	185.561	0.070	5.6	0.0963	0.0000	OK
60 minute summer	S20	34	184.669	0.027	0.9	0.0327	0.0000	OK
60 minute summer	S21	35	184.501	0.042	2.0	0.0498	0.0000	OK
60 minute summer	S22	36	184.355	0.069	4.2	0.0839	0.0000	OK
60 minute summer	S23	37	184.241	0.083	5.7	0.0976	0.0000	OK
60 minute summer	S24	37	184.085	0.108	11.6	0.1572	0.0000	OK
60 minute summer	S25	38	184.023	0.097	12.2	0.1101	0.0000	OK
60 minute summer	S26	35	185.396	0.019	0.7	0.0228	0.0000	OK
60 minute summer	FC1	38	188.458	0.208	0.8	0.2769	0.0000	SURCHARGED
60 minute summer	FC2	38	188.358	0.208	0.8	0.2772	0.0000	SURCHARGED
60 minute summer	FC3	39	188.565	0.365	1.3	0.5294	0.0000	SURCHARGED
60 minute summer	FC4	37	188.362	0.161	0.7	0.2085	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	S16	32.015	J38	10.6	0.954	0.072	0.0264
60 minute summer	S17	23.001	J20	0.2	0.292	0.031	0.0062
60 minute summer	S18	23.006	J24	2.9	0.498	0.211	0.0107
60 minute summer	S19	23.010	J27	5.6	0.520	0.187	0.0961
60 minute summer	S20	48.001	J41	0.9	0.522	0.145	0.0077
60 minute summer	S21	48.004	J43	2.0	0.653	0.331	0.0153
60 minute summer	S22	48.008	J46	4.1	0.530	0.309	0.0190
60 minute summer	S23	48.011	J48	5.7	0.448	0.184	0.0144
60 minute summer	S24	48.018	J56	11.6	0.521	0.217	0.0947
60 minute summer	S25	48.021	BASIN 4	12.2	0.683	0.220	0.0569
60 minute summer	S26	65.001	J54	0.7	0.647	0.075	0.0086
60 minute summer	FC1	2.000	J1	0.4	0.387	0.071	0.0082
60 minute summer	FC2	3.000	J2	0.4	0.247	0.074	0.0117
60 minute summer	FC3	4.000	J3	0.6	0.504	0.093	0.0110
60 minute summer	FC4	5.000	J4	0.4	0.501	0.051	0.0056

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC5	38	188.209	0.209	0.8	0.2775	0.0000	SURCHARGED
60 minute summer	FC6	37	188.011	0.161	0.7	0.2080	0.0000	SURCHARGED
60 minute summer	FC7	37	187.912	0.162	0.7	0.2088	0.0000	SURCHARGED
60 minute summer	FC8	38	187.957	0.207	0.8	0.2749	0.0000	SURCHARGED
60 minute summer	FC9	37	187.632	0.162	0.7	0.2097	0.0000	SURCHARGED
60 minute summer	FC10	39	187.777	0.307	1.1	0.4337	0.0000	SURCHARGED
60 minute summer	FC11	38	187.499	0.179	0.7	0.2350	0.0000	SURCHARGED
60 minute summer	FC12	38	187.409	0.179	0.7	0.2350	0.0000	SURCHARGED
60 minute summer	FC13	38	187.208	0.208	0.8	0.2773	0.0000	SURCHARGED
60 minute summer	FC14	45	186.945	0.045	0.8	0.5801	0.0000	OK
60 minute summer	FC15	37	187.360	0.160	0.7	0.2067	0.0000	SURCHARGED
60 minute summer	FC16	37	187.062	0.162	0.7	0.2092	0.0000	SURCHARGED
60 minute summer	FC17	37	187.160	0.160	0.7	0.2070	0.0000	SURCHARGED
60 minute summer	FC18	37	186.712	0.162	0.7	0.2097	0.0000	SURCHARGED
60 minute summer	FC19	38	186.608	0.208	0.8	0.2774	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC5	6.000	J5	0.4	0.434	0.074	0.0042
60 minute summer	FC6	7.000	J6	0.4	0.551	0.044	0.0051
60 minute summer	FC7	8.000	J7	0.4	0.478	0.054	0.0058
60 minute summer	FC8	9.000	J8	0.4	0.616	0.046	0.0030
60 minute summer	FC9	10.000	J9	0.4	0.422	0.065	0.0066
60 minute summer	FC10	11.000	J10	0.5	0.502	0.082	0.0067
60 minute summer	FC11	12.000	J11	0.4	0.427	0.069	0.0073
60 minute summer	FC12	13.000	S2	0.4	0.427	0.068	0.0065
60 minute summer	FC13	14.000	J12	0.4	0.438	0.074	0.0069
60 minute summer	FC14	15.000	J13	0.2	0.340	0.031	0.0041
60 minute summer	FC15	16.000	J14	0.4	0.894	0.022	0.0020
60 minute summer	FC16	17.000	J15	0.4	0.448	0.059	0.0065
60 minute summer	FC17	18.000	J16	0.4	0.711	0.031	0.0026
60 minute summer	FC18	19.000	J17	0.4	0.420	0.065	0.0064
60 minute summer	FC19	20.000	S3	0.4	0.436	0.075	0.0067

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC20	38	187.156	0.205	0.8	0.2735	0.0000	SURCHARGED
60 minute summer	FC21	38	186.508	0.208	0.8	0.2774	0.0000	SURCHARGED
60 minute summer	FC22	43	186.495	0.045	0.7	0.4345	0.0000	OK
60 minute summer	FC23	37	186.462	0.162	0.7	0.2095	0.0000	SURCHARGED
60 minute summer	FC24	38	186.508	0.207	0.8	0.2761	0.0000	SURCHARGED
60 minute summer	FC25	38	186.756	0.205	0.8	0.2735	0.0000	SURCHARGED
60 minute summer	FC26	43	186.494	0.043	0.7	0.4396	0.0000	OK
60 minute summer	FC27	37	186.660	0.160	0.7	0.2067	0.0000	SURCHARGED
60 minute summer	FC28	38	186.706	0.205	0.8	0.2735	0.0000	SURCHARGED
60 minute summer	FC29	38	186.742	0.242	0.9	0.3272	0.0000	SURCHARGED
60 minute summer	FC30	38	186.956	0.206	0.8	0.2737	0.0000	SURCHARGED
60 minute summer	FC31	37	186.611	0.161	0.7	0.2078	0.0000	SURCHARGED
60 minute summer	FC32	37	186.610	0.160	0.7	0.2069	0.0000	SURCHARGED
60 minute summer	FC33	38	186.656	0.206	0.8	0.2737	0.0000	SURCHARGED
60 minute summer	FC34	38	186.658	0.208	0.8	0.2772	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC20	21.000	J18	0.4	0.878	0.028	0.0022
60 minute summer	FC21	22.000	J19	0.4	0.437	0.075	0.0077
60 minute summer	FC22	23.000	S17	0.2	0.484	0.010	0.0019
60 minute summer	FC23	24.000	J20	0.4	0.437	0.061	0.0040
60 minute summer	FC24	25.000	J21	0.4	0.511	0.059	0.0040
60 minute summer	FC25	26.000	J22	0.4	0.871	0.028	0.0024
60 minute summer	FC26	27.000	J23	0.2	0.591	0.014	0.0014
60 minute summer	FC27	28.000	J24	0.4	0.922	0.021	0.0019
60 minute summer	FC28	29.000	J25	0.4	0.876	0.028	0.0022
60 minute summer	FC29	30.000	J26	0.5	0.874	0.031	0.0026
60 minute summer	FC30	31.000	J27	0.4	0.818	0.031	0.0024
60 minute summer	FC31	33.000	J28	0.4	0.319	0.043	0.0088
60 minute summer	FC32	34.000	J29	0.4	0.268	0.031	0.0095
60 minute summer	FC33	35.000	S12	0.4	0.804	0.031	0.0023
60 minute summer	FC34	36.000	J30	0.4	0.448	0.071	0.0047

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC35	38	186.656	0.206	0.8	0.2737	0.0000	SURCHARGED
60 minute summer	FC36	38	186.692	0.242	0.9	0.3272	0.0000	SURCHARGED
60 minute summer	FC37	39	186.093	0.293	1.1	0.4077	0.0000	SURCHARGED
60 minute summer	FC38	43	185.488	0.038	0.7	0.4604	0.0000	OK
60 minute summer	FC39	37	185.610	0.160	0.7	0.2068	0.0000	SURCHARGED
60 minute summer	FC40	38	185.705	0.205	0.8	0.2733	0.0000	SURCHARGED
60 minute summer	FC41	38	185.056	0.206	0.8	0.2746	0.0000	SURCHARGED
60 minute summer	FC42	38	184.807	0.207	0.8	0.2754	0.0000	SURCHARGED
60 minute summer	FC43	38	184.806	0.206	0.8	0.2745	0.0000	SURCHARGED
60 minute summer	FC44	33	184.618	0.018	0.7	0.0226	0.0000	OK
60 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
60 minute summer	FC46	39	185.008	0.308	1.1	0.4343	0.0000	SURCHARGED
60 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute summer	FC48	38	185.006	0.206	0.8	0.2737	0.0000	SURCHARGED
60 minute summer	FC49	38	185.009	0.208	0.8	0.2775	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC35	37.000	J31	0.4	0.810	0.031	0.0028
60 minute summer	FC36	38.000	J32	0.5	0.891	0.031	0.0027
60 minute summer	FC37	39.000	J33	0.5	0.612	0.060	0.0057
60 minute summer	FC38	40.000	J34	0.2	0.553	0.013	0.0014
60 minute summer	FC39	41.000	J35	0.4	0.784	0.027	0.0022
60 minute summer	FC40	42.000	J36	0.4	0.997	0.023	0.0023
60 minute summer	FC41	43.000	J37	0.4	0.652	0.042	0.0034
60 minute summer	FC42	44.000	J38	0.4	0.569	0.051	0.0038
60 minute summer	FC43	45.000	J39	0.4	0.665	0.041	0.0029
60 minute summer	FC44	46.000	J40	0.7	0.778	0.062	0.0039
60 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
60 minute summer	FC46	48.000	S20	0.5	0.425	0.091	0.0083
60 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0043
60 minute summer	FC48	50.000	J42	0.4	0.552	0.032	0.0066
60 minute summer	FC49	51.000	S21	0.4	0.434	0.074	0.0044

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC50	38	185.009	0.208	0.8	0.2775	0.0000	SURCHARGED
60 minute summer	FC51	38	185.058	0.208	0.8	0.2774	0.0000	SURCHARGED
60 minute summer	FC52	38	185.502	0.252	1.0	0.3456	0.0000	SURCHARGED
60 minute summer	FC53	38	185.457	0.207	0.8	0.2751	0.0000	SURCHARGED
60 minute summer	FC54	37	185.411	0.161	0.7	0.2074	0.0000	SURCHARGED
60 minute summer	FC55	37	185.410	0.160	0.7	0.2067	0.0000	SURCHARGED
60 minute summer	FC56	38	185.556	0.205	0.8	0.2735	0.0000	SURCHARGED
60 minute summer	FC57	38	185.556	0.206	0.8	0.2737	0.0000	SURCHARGED
60 minute summer	FC58	37	185.510	0.160	0.7	0.2069	0.0000	SURCHARGED
60 minute summer	FC59	37	185.510	0.160	0.7	0.2071	0.0000	SURCHARGED
60 minute summer	FC60	38	185.556	0.206	0.8	0.2742	0.0000	SURCHARGED
60 minute summer	FC61	38	185.507	0.207	0.8	0.2753	0.0000	SURCHARGED
60 minute summer	FC62	38	185.584	0.334	1.2	0.4780	0.0000	SURCHARGED
60 minute summer	FC63	37	185.563	0.163	0.7	0.2101	0.0000	SURCHARGED
60 minute summer	FC64	38	185.208	0.208	0.8	0.2772	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC50	52.000	J43	0.4	0.435	0.074	0.0047
60 minute summer	FC51	55.000	S22	0.4	0.436	0.074	0.0062
60 minute summer	FC52	58.000	S23	0.5	0.655	0.049	0.0041
60 minute summer	FC53	61.000	J50	0.4	0.597	0.048	0.0032
60 minute summer	FC54	62.000	J51	0.4	0.637	0.036	0.0024
60 minute summer	FC55	64.000	J53	0.4	0.802	0.026	0.0020
60 minute summer	FC56	53.000	J44	0.4	0.860	0.029	0.0034
60 minute summer	FC57	54.000	J45	0.4	0.808	0.031	0.0036
60 minute summer	FC58	56.000	J46	0.4	0.746	0.029	0.0032
60 minute summer	FC59	57.000	J47	0.4	0.692	0.032	0.0036
60 minute summer	FC60	59.000	J48	0.4	0.713	0.037	0.0041
60 minute summer	FC61	60.000	J49	0.4	0.572	0.051	0.0057
60 minute summer	FC62	63.000	J52	0.6	0.566	0.074	0.0094
60 minute summer	FC63	65.000	S26	0.4	0.423	0.065	0.0023
60 minute summer	FC64	66.000	J54	0.4	0.323	0.075	0.0033

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC65	38	185.355	0.205	0.8	0.2733	0.0000	SURCHARGED
60 minute summer	FC66	38	185.208	0.208	0.8	0.2766	0.0000	SURCHARGED
60 minute summer	FC67	43	184.843	0.043	0.7	0.4450	0.0000	OK
60 minute summer	FC68	37	184.711	0.161	0.7	0.2081	0.0000	SURCHARGED
60 minute summer	J1	34	188.236	0.036	2.2	0.0491	0.0000	OK
60 minute summer	J2	34	188.159	0.053	2.6	0.0599	0.0000	OK
60 minute summer	J3	35	188.096	0.050	3.1	0.0563	0.0000	OK
60 minute summer	J4	35	188.070	0.035	3.5	0.0401	0.0000	OK
60 minute summer	J5	35	187.942	0.032	3.9	0.0365	0.0000	OK
60 minute summer	J6	36	187.697	0.047	4.2	0.0536	0.0000	OK
60 minute summer	J7	36	187.660	0.060	4.6	0.0682	0.0000	OK
60 minute summer	J8	36	187.637	0.044	5.0	0.0492	0.0000	OK
60 minute summer	J9	36	187.336	0.061	5.4	0.0687	0.0000	OK
60 minute summer	J10	36	187.305	0.035	5.9	0.0395	0.0000	OK
60 minute summer	J11	37	187.171	0.050	6.3	0.0569	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC65	67.000	J55	0.4	0.640	0.024	0.0032
60 minute summer	FC66	68.000	S24	0.4	0.489	0.061	0.0019
60 minute summer	FC67	69.000	J56	0.2	0.329	0.030	0.0011
60 minute summer	FC68	70.000	J57	0.4	0.553	0.043	0.0016
60 minute summer	J1	1.001	J2	2.2	0.650	0.263	0.0170
60 minute summer	J2	1.002	J3	2.6	0.664	0.433	0.0040
60 minute summer	J3	1.003	J4	3.1	0.755	0.234	0.0081
60 minute summer	J4	1.004	J5	3.5	1.166	0.103	0.0105
60 minute summer	J5	1.005	J6	3.9	1.037	0.101	0.0214
60 minute summer	J6	1.006	J7	4.2	0.747	0.149	0.0112
60 minute summer	J7	1.007	J8	4.6	0.853	0.331	0.0061
60 minute summer	J8	1.008	J9	5.0	1.231	0.167	0.0347
60 minute summer	J9	1.009	J10	5.4	0.881	0.162	0.0075
60 minute summer	J10	1.010	J11	5.9	1.148	0.046	0.0128
60 minute summer	J11	1.011	S2	6.3	0.641	0.098	0.0540

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J12	36	186.865	0.056	8.4	0.0634	0.0000	OK
60 minute summer	J13	36	186.801	0.099	8.6	0.1120	0.0000	OK
60 minute summer	J14	36	186.789	0.094	9.0	0.1066	0.0000	OK
60 minute summer	J15	37	186.773	0.085	9.3	0.0961	0.0000	OK
60 minute summer	J16	37	186.740	0.070	9.7	0.0786	0.0000	OK
60 minute summer	J17	37	186.404	0.046	10.1	0.0519	0.0000	OK
60 minute summer	J18	37	186.252	0.058	11.7	0.0658	0.0000	OK
60 minute summer	J19	37	186.124	0.097	12.1	0.1102	0.0000	OK
60 minute summer	J20	39	185.952	0.021	0.6	0.0239	0.0000	OK
60 minute summer	J21	39	185.923	0.028	1.0	0.0315	0.0000	OK
60 minute summer	J22	39	185.854	0.036	1.4	0.0408	0.0000	OK
60 minute summer	J23	40	185.820	0.037	1.6	0.0421	0.0000	OK
60 minute summer	J24	35	185.704	0.054	3.3	0.0616	0.0000	OK
60 minute summer	J25	36	185.675	0.060	3.7	0.0674	0.0000	OK
60 minute summer	J26	36	185.650	0.063	4.1	0.0708	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J12	1.013	J13	8.4	0.696	0.126	0.0794
60 minute summer	J13	1.014	J14	8.6	0.527	0.273	0.0309
60 minute summer	J14	1.015	J15	9.0	0.608	0.287	0.0282
60 minute summer	J15	1.016	J16	9.3	0.775	0.305	0.0618
60 minute summer	J16	1.017	J17	9.7	1.022	0.162	0.0320
60 minute summer	J17	1.018	S3	10.1	1.012	0.069	0.0192
60 minute summer	J18	1.020	J19	11.7	1.699	0.090	0.0103
60 minute summer	J19	1.021	S4	12.2	0.682	0.220	0.0784
60 minute summer	J20	23.002	J21	0.6	0.379	0.095	0.0056
60 minute summer	J21	23.003	J22	1.0	0.465	0.169	0.0173
60 minute summer	J22	23.004	J23	1.4	0.556	0.242	0.0093
60 minute summer	J23	23.005	S18	1.6	0.628	0.274	0.0194
60 minute summer	J24	23.007	J25	3.3	0.533	0.245	0.0379
60 minute summer	J25	23.008	J26	3.7	0.548	0.277	0.0334
60 minute summer	J26	23.009	S19	4.2	0.633	0.312	0.0243

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J27	35	185.533	0.072	6.0	0.0818	0.0000	OK
60 minute summer	J28	33	186.402	0.046	2.4	0.0521	0.0000	OK
60 minute summer	J29	34	186.322	0.051	2.7	0.0581	0.0000	OK
60 minute summer	J30	35	186.205	0.058	3.5	0.0653	0.0000	OK
60 minute summer	J31	35	186.178	0.059	3.9	0.0665	0.0000	OK
60 minute summer	J32	35	186.125	0.061	4.4	0.0687	0.0000	OK
60 minute summer	J33	35	185.652	0.042	6.1	0.0474	0.0000	OK
60 minute summer	J34	35	185.196	0.071	7.8	0.0803	0.0000	OK
60 minute summer	J35	35	185.121	0.046	8.2	0.0520	0.0000	OK
60 minute summer	J36	36	184.953	0.078	8.6	0.0881	0.0000	OK
60 minute summer	J37	35	184.658	0.083	10.1	0.0940	0.0000	OK
60 minute summer	J38	35	184.476	0.101	11.0	0.1147	0.0000	OK
60 minute summer	J39	36	184.438	0.100	11.4	0.1136	0.0000	OK
60 minute summer	J40	36	184.412	0.087	12.0	0.0980	0.0000	OK
60 minute summer	J41	35	184.623	0.026	0.9	0.0295	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J27	23.011	S4	6.0	0.601	0.201	0.0240
60 minute summer	J28	32.001	J29	2.4	0.640	0.404	0.0332
60 minute summer	J29	32.002	S12	2.7	0.709	0.462	0.0180
60 minute summer	J30	32.004	J31	3.5	0.559	0.266	0.0315
60 minute summer	J31	32.005	J32	3.9	0.603	0.297	0.0637
60 minute summer	J32	32.006	S13	4.4	0.813	0.330	0.0290
60 minute summer	J33	32.008	S14	6.0	0.941	0.170	0.0594
60 minute summer	J34	32.010	J35	7.8	0.955	0.203	0.0746
60 minute summer	J35	32.011	J36	8.2	0.927	0.092	0.0616
60 minute summer	J36	32.012	S15	8.6	0.964	0.286	0.0219
60 minute summer	J37	32.014	S16	10.0	1.085	0.330	0.0489
60 minute summer	J38	32.016	J39	11.0	0.639	0.364	0.1861
60 minute summer	J39	32.017	J40	11.4	0.733	0.371	0.0570
60 minute summer	J40	32.018	S10	12.0	0.895	0.279	0.1283
60 minute summer	J41	48.002	J42	0.9	0.462	0.144	0.0116

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J42	35	184.569	0.032	1.3	0.0356	0.0000	OK
60 minute summer	J43	36	184.409	0.049	2.4	0.0553	0.0000	OK
60 minute summer	J44	36	184.397	0.047	2.8	0.0531	0.0000	OK
60 minute summer	J45	36	184.363	0.063	3.2	0.0711	0.0000	OK
60 minute summer	J46	36	184.340	0.068	4.5	0.0772	0.0000	OK
60 minute summer	J47	37	184.318	0.070	4.9	0.0790	0.0000	OK
60 minute summer	J48	37	184.233	0.079	6.1	0.0891	0.0000	OK
60 minute summer	J49	38	184.220	0.091	6.5	0.1031	0.0000	OK
60 minute summer	J50	38	184.213	0.088	6.9	0.0992	0.0000	OK
60 minute summer	J51	38	184.201	0.093	7.3	0.1051	0.0000	OK
60 minute summer	J52	38	184.191	0.087	7.9	0.0987	0.0000	OK
60 minute summer	J53	38	184.171	0.084	8.3	0.0947	0.0000	OK
60 minute summer	J54	35	185.010	0.031	1.1	0.0346	0.0000	OK
60 minute summer	J55	36	184.980	0.036	1.5	0.0402	0.0000	OK
60 minute summer	J56	37	184.071	0.104	11.8	0.1178	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J42	48.003	S21	1.3	0.492	0.216	0.0214
60 minute summer	J43	48.005	J44	2.4	0.491	0.169	0.0078
60 minute summer	J44	48.006	J45	2.8	0.481	0.210	0.0514
60 minute summer	J45	48.007	S22	3.2	0.446	0.239	0.0177
60 minute summer	J46	48.009	J47	4.5	0.571	0.338	0.0333
60 minute summer	J47	48.010	S23	4.9	0.654	0.368	0.0198
60 minute summer	J48	48.012	J49	6.1	0.447	0.204	0.1020
60 minute summer	J49	48.013	J50	6.5	0.445	0.212	0.0167
60 minute summer	J50	48.014	J51	6.9	0.468	0.232	0.0755
60 minute summer	J51	48.015	J52	7.3	0.494	0.239	0.0168
60 minute summer	J52	48.016	J53	7.9	0.570	0.259	0.0674
60 minute summer	J53	48.017	S24	8.3	0.667	0.274	0.1271
60 minute summer	J54	65.002	J55	1.1	0.473	0.179	0.0082
60 minute summer	J55	65.003	S24	1.5	0.614	0.254	0.0191
60 minute summer	J56	48.019	J57	11.8	0.543	0.217	0.1969

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Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J57	38	184.049	0.104	12.2	0.1175	0.0000	OK
60 minute summer	BASIN 1	85	185.256	0.256	18.4	29.1744	0.0000	OK
60 minute summer	BASIN 2	300	184.385	0.085	0.9	7.4349	0.0000	OK
60 minute summer	BASIN 3	75	183.128	0.028	13.5	19.2190	0.0000	OK
60 minute summer	BASIN 4	100	183.485	0.155	12.2	19.8590	0.0000	OK
60 minute summer	SWALE 1	87	184.956	0.024	0.7	0.0273	0.0000	OK
60 minute summer	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWALE 3	36	184.161	0.091	13.5	0.1028	0.0000	OK
60 minute summer	BH1	300	184.384	0.307	0.6	1.6941	0.0000	OK
60 minute summer	BH2	100	183.129	0.077	0.9	1.9889	0.0000	OK
60 minute summer	BH3	93	183.486	0.180	5.5	2.4439	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J57	48.020	S25	12.2	0.587	0.225	0.1640
60 minute summer	BASIN 1	1.023	S5	0.9	0.212	0.016	0.5633
60 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
60 minute summer	BASIN 2	71.000	BH1	0.6	0.478	0.110	0.1739
60 minute summer	BASIN 3	1.034	BH2	0.9	0.357	0.011	0.2657
60 minute summer	BASIN 4	48.022	BH3	5.5	0.736	0.103	0.4110
60 minute summer	SWALE 1	1.025	S6	0.7	0.264	0.013	0.1011
60 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
60 minute summer	SWALE 3	1.033	BASIN 3	13.5	0.768	0.194	0.7583
60 minute summer	BH1	Infiltration		0.1			
60 minute summer	BH2	Infiltration		0.2			
60 minute summer	BH3	Infiltration		0.2			

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S1	34	188.389	0.019	0.7	0.0259	0.0000	OK
60 minute winter	S2	38	187.121	0.082	7.6	0.1206	0.0000	OK
60 minute winter	S3	38	186.299	0.087	10.8	0.1131	0.0000	OK
60 minute winter	S4	38	185.443	0.065	17.4	0.0771	0.0000	OK
60 minute winter	S5	86	185.281	0.301	0.9	0.3402	0.0000	SURCHARGED
60 minute winter	S6	89	184.869	0.025	0.7	0.0285	0.0000	OK
60 minute winter	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
60 minute winter	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
60 minute winter	S9	37	184.243	0.043	0.1	0.0485	0.0000	OK
60 minute winter	S10	36	184.243	0.059	12.3	0.0898	0.0000	OK
60 minute winter	S11	33	186.439	0.039	1.7	0.0637	0.0000	OK
60 minute winter	S12	34	186.226	0.050	2.7	0.0565	0.0000	OK
60 minute winter	S13	35	186.076	0.042	5.1	0.0591	0.0000	OK
60 minute winter	S14	36	185.322	0.072	6.9	0.1136	0.0000	OK
60 minute winter	S15	36	184.914	0.047	8.9	0.0650	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	S1	1.000	J1	0.7	0.450	0.080	0.0134
60 minute winter	S2	1.012	J12	7.6	0.638	0.253	0.0177
60 minute winter	S3	1.019	J18	10.7	0.987	0.351	0.0563
60 minute winter	S4	1.022	BASIN 1	17.4	1.505	0.104	0.5959
60 minute winter	S5	1.024	SWALE 1	0.7	0.271	0.014	0.0555
60 minute winter	S6	1.026	BASIN 2	0.7	0.317	0.014	0.0134
60 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
60 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0370
60 minute winter	S9	1.031	S10	-0.1	-0.045	-0.002	0.0531
60 minute winter	S10	1.032	SWALE 3	12.3	0.941	0.068	0.0579
60 minute winter	S11	32.000	J28	1.7	0.576	0.285	0.0134
60 minute winter	S12	32.003	J30	2.7	0.507	0.205	0.0276
60 minute winter	S13	32.007	J33	5.1	1.308	0.157	0.0503
60 minute winter	S14	32.009	J34	6.9	0.877	0.401	0.0415
60 minute winter	S15	32.013	J37	8.7	0.960	0.095	0.0861

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S16	36	184.599	0.042	9.7	0.0530	0.0000	OK
60 minute winter	S17	47	186.012	0.012	0.2	0.0139	0.0000	OK
60 minute winter	S18	35	185.715	0.054	2.7	0.0758	0.0000	OK
60 minute winter	S19	35	185.559	0.068	5.2	0.0925	0.0000	OK
60 minute winter	S20	38	184.668	0.026	0.8	0.0321	0.0000	OK
60 minute winter	S21	39	184.501	0.041	1.9	0.0492	0.0000	OK
60 minute winter	S22	39	184.354	0.068	4.1	0.0829	0.0000	OK
60 minute winter	S23	38	184.240	0.082	5.5	0.0964	0.0000	OK
60 minute winter	S24	38	184.085	0.108	11.6	0.1568	0.0000	OK
60 minute winter	S25	39	184.023	0.097	12.1	0.1097	0.0000	OK
60 minute winter	S26	35	185.396	0.019	0.6	0.0225	0.0000	OK
60 minute winter	FC1	40	188.463	0.213	0.7	0.2836	0.0000	SURCHARGED
60 minute winter	FC2	40	188.363	0.213	0.7	0.2839	0.0000	SURCHARGED
60 minute winter	FC3	41	188.584	0.384	1.1	0.5577	0.0000	SURCHARGED
60 minute winter	FC4	39	188.348	0.147	0.5	0.1904	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	S16	32.015	J38	9.7	0.937	0.066	0.0245
60 minute winter	S17	23.001	J20	0.2	0.297	0.032	0.0061
60 minute winter	S18	23.006	J24	2.7	0.491	0.199	0.0102
60 minute winter	S19	23.010	J27	5.2	0.509	0.174	0.0911
60 minute winter	S20	48.001	J41	0.8	0.516	0.140	0.0075
60 minute winter	S21	48.004	J43	1.9	0.650	0.324	0.0151
60 minute winter	S22	48.008	J46	4.1	0.529	0.303	0.0187
60 minute winter	S23	48.011	J48	5.5	0.444	0.180	0.0141
60 minute winter	S24	48.018	J56	11.5	0.521	0.216	0.0943
60 minute winter	S25	48.021	BASIN 4	12.1	0.682	0.219	0.0567
60 minute winter	S26	65.001	J54	0.6	0.641	0.073	0.0085
60 minute winter	FC1	2.000	J1	0.4	0.378	0.072	0.0075
60 minute winter	FC2	3.000	J2	0.4	0.242	0.075	0.0108
60 minute winter	FC3	4.000	J3	0.6	0.508	0.096	0.0112
60 minute winter	FC4	5.000	J4	0.4	0.494	0.048	0.0055

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC5	40	188.214	0.214	0.7	0.2843	0.0000	SURCHARGED
60 minute winter	FC6	39	187.997	0.147	0.5	0.1897	0.0000	SURCHARGED
60 minute winter	FC7	39	187.898	0.148	0.5	0.1907	0.0000	SURCHARGED
60 minute winter	FC8	40	187.961	0.211	0.7	0.2811	0.0000	SURCHARGED
60 minute winter	FC9	39	187.619	0.149	0.5	0.1919	0.0000	SURCHARGED
60 minute winter	FC10	40	187.790	0.320	0.9	0.4509	0.0000	SURCHARGED
60 minute winter	FC11	39	187.502	0.182	0.6	0.2385	0.0000	SURCHARGED
60 minute winter	FC12	39	187.412	0.182	0.6	0.2386	0.0000	SURCHARGED
60 minute winter	FC13	40	187.214	0.213	0.7	0.2841	0.0000	SURCHARGED
60 minute winter	FC14	48	186.950	0.050	0.7	0.6400	0.0000	OK
60 minute winter	FC15	39	187.346	0.146	0.5	0.1879	0.0000	SURCHARGED
60 minute winter	FC16	39	187.048	0.148	0.5	0.1913	0.0000	SURCHARGED
60 minute winter	FC17	39	187.146	0.146	0.5	0.1883	0.0000	SURCHARGED
60 minute winter	FC18	39	186.699	0.149	0.5	0.1919	0.0000	SURCHARGED
60 minute winter	FC19	40	186.614	0.214	0.7	0.2842	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC5	6.000	J5	0.4	0.436	0.075	0.0042
60 minute winter	FC6	7.000	J6	0.4	0.543	0.042	0.0050
60 minute winter	FC7	8.000	J7	0.4	0.472	0.052	0.0057
60 minute winter	FC8	9.000	J8	0.4	0.618	0.046	0.0030
60 minute winter	FC9	10.000	J9	0.4	0.416	0.062	0.0064
60 minute winter	FC10	11.000	J10	0.6	0.506	0.083	0.0068
60 minute winter	FC11	12.000	J11	0.4	0.428	0.069	0.0074
60 minute winter	FC12	13.000	S2	0.4	0.428	0.069	0.0066
60 minute winter	FC13	14.000	J12	0.4	0.440	0.075	0.0069
60 minute winter	FC14	15.000	J13	0.2	0.346	0.033	0.0043
60 minute winter	FC15	16.000	J14	0.4	0.880	0.021	0.0020
60 minute winter	FC16	17.000	J15	0.4	0.442	0.057	0.0063
60 minute winter	FC17	18.000	J16	0.4	0.700	0.029	0.0025
60 minute winter	FC18	19.000	J17	0.4	0.414	0.062	0.0062
60 minute winter	FC19	20.000	S3	0.4	0.438	0.076	0.0067

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC20	40	187.160	0.210	0.7	0.2791	0.0000	SURCHARGED
60 minute winter	FC21	40	186.514	0.213	0.7	0.2841	0.0000	SURCHARGED
60 minute winter	FC22	46	186.497	0.046	0.5	0.4518	0.0000	OK
60 minute winter	FC23	39	186.448	0.148	0.5	0.1916	0.0000	SURCHARGED
60 minute winter	FC24	40	186.512	0.212	0.7	0.2826	0.0000	SURCHARGED
60 minute winter	FC25	40	186.760	0.210	0.7	0.2791	0.0000	SURCHARGED
60 minute winter	FC26	46	186.495	0.045	0.5	0.4577	0.0000	OK
60 minute winter	FC27	39	186.646	0.146	0.5	0.1879	0.0000	SURCHARGED
60 minute winter	FC28	40	186.710	0.210	0.7	0.2791	0.0000	SURCHARGED
60 minute winter	FC29	40	186.734	0.234	0.7	0.3158	0.0000	SURCHARGED
60 minute winter	FC30	40	186.960	0.210	0.7	0.2794	0.0000	SURCHARGED
60 minute winter	FC31	39	186.597	0.147	0.5	0.1894	0.0000	SURCHARGED
60 minute winter	FC32	39	186.596	0.146	0.5	0.1881	0.0000	SURCHARGED
60 minute winter	FC33	40	186.660	0.210	0.7	0.2795	0.0000	SURCHARGED
60 minute winter	FC34	40	186.663	0.213	0.7	0.2839	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC20	21.000	J18	0.4	0.881	0.028	0.0022
60 minute winter	FC21	22.000	J19	0.4	0.439	0.076	0.0078
60 minute winter	FC22	23.000	S17	0.2	0.488	0.010	0.0019
60 minute winter	FC23	24.000	J20	0.4	0.431	0.058	0.0039
60 minute winter	FC24	25.000	J21	0.4	0.512	0.060	0.0040
60 minute winter	FC25	26.000	J22	0.4	0.874	0.028	0.0024
60 minute winter	FC26	27.000	J23	0.2	0.596	0.014	0.0014
60 minute winter	FC27	28.000	J24	0.4	0.909	0.020	0.0018
60 minute winter	FC28	29.000	J25	0.4	0.879	0.028	0.0022
60 minute winter	FC29	30.000	J26	0.5	0.869	0.031	0.0026
60 minute winter	FC30	31.000	J27	0.4	0.821	0.031	0.0024
60 minute winter	FC31	33.000	J28	0.4	0.305	0.041	0.0078
60 minute winter	FC32	34.000	J29	0.4	0.255	0.029	0.0085
60 minute winter	FC33	35.000	S12	0.4	0.807	0.032	0.0023
60 minute winter	FC34	36.000	J30	0.4	0.450	0.072	0.0047

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC35	40	186.660	0.210	0.7	0.2794	0.0000	SURCHARGED
60 minute winter	FC36	40	186.684	0.234	0.7	0.3157	0.0000	SURCHARGED
60 minute winter	FC37	41	186.092	0.292	0.9	0.4061	0.0000	SURCHARGED
60 minute winter	FC38	46	185.490	0.040	0.5	0.4821	0.0000	OK
60 minute winter	FC39	39	185.596	0.146	0.5	0.1879	0.0000	SURCHARGED
60 minute winter	FC40	39	185.710	0.210	0.7	0.2789	0.0000	SURCHARGED
60 minute winter	FC41	40	185.061	0.211	0.7	0.2806	0.0000	SURCHARGED
60 minute winter	FC42	40	184.812	0.212	0.7	0.2817	0.0000	SURCHARGED
60 minute winter	FC43	40	184.811	0.211	0.7	0.2805	0.0000	SURCHARGED
60 minute winter	FC44	34	184.615	0.015	0.5	0.0191	0.0000	OK
60 minute winter	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC46	40	185.020	0.320	0.9	0.4515	0.0000	SURCHARGED
60 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC48	40	185.010	0.210	0.7	0.2794	0.0000	SURCHARGED
60 minute winter	FC49	40	185.014	0.214	0.7	0.2843	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC35	37.000	J31	0.4	0.812	0.032	0.0028
60 minute winter	FC36	38.000	J32	0.5	0.886	0.030	0.0027
60 minute winter	FC37	39.000	J33	0.5	0.612	0.060	0.0057
60 minute winter	FC38	40.000	J34	0.2	0.558	0.014	0.0015
60 minute winter	FC39	41.000	J35	0.4	0.773	0.026	0.0021
60 minute winter	FC40	42.000	J36	0.5	1.000	0.024	0.0023
60 minute winter	FC41	43.000	J37	0.4	0.655	0.043	0.0034
60 minute winter	FC42	44.000	J38	0.4	0.570	0.052	0.0039
60 minute winter	FC43	45.000	J39	0.4	0.667	0.041	0.0029
60 minute winter	FC44	46.000	J40	0.5	0.708	0.044	0.0031
60 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
60 minute winter	FC46	48.000	S20	0.6	0.427	0.093	0.0084
60 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0042
60 minute winter	FC48	50.000	J42	0.4	0.552	0.032	0.0067
60 minute winter	FC49	51.000	S21	0.4	0.436	0.075	0.0045

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC50	40	185.014	0.214	0.7	0.2843	0.0000	SURCHARGED
60 minute winter	FC51	40	185.064	0.214	0.7	0.2842	0.0000	SURCHARGED
60 minute winter	FC52	40	185.519	0.269	0.8	0.3687	0.0000	SURCHARGED
60 minute winter	FC53	40	185.461	0.211	0.7	0.2813	0.0000	SURCHARGED
60 minute winter	FC54	39	185.396	0.146	0.5	0.1888	0.0000	SURCHARGED
60 minute winter	FC55	39	185.396	0.146	0.5	0.1879	0.0000	SURCHARGED
60 minute winter	FC56	40	185.560	0.210	0.7	0.2792	0.0000	SURCHARGED
60 minute winter	FC57	40	185.560	0.210	0.7	0.2794	0.0000	SURCHARGED
60 minute winter	FC58	39	185.496	0.146	0.5	0.1881	0.0000	SURCHARGED
60 minute winter	FC59	39	185.496	0.146	0.5	0.1884	0.0000	SURCHARGED
60 minute winter	FC60	40	185.560	0.210	0.7	0.2800	0.0000	SURCHARGED
60 minute winter	FC61	40	185.512	0.212	0.7	0.2816	0.0000	SURCHARGED
60 minute winter	FC62	41	185.597	0.347	1.0	0.4966	0.0000	SURCHARGED
60 minute winter	FC63	39	185.549	0.149	0.5	0.1923	0.0000	SURCHARGED
60 minute winter	FC64	40	185.213	0.213	0.7	0.2839	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC50	52.000	J43	0.4	0.437	0.075	0.0048
60 minute winter	FC51	55.000	S22	0.4	0.438	0.075	0.0063
60 minute winter	FC52	58.000	S23	0.5	0.661	0.050	0.0042
60 minute winter	FC53	61.000	J50	0.4	0.599	0.048	0.0032
60 minute winter	FC54	62.000	J51	0.4	0.628	0.034	0.0023
60 minute winter	FC55	64.000	J53	0.4	0.791	0.025	0.0019
60 minute winter	FC56	53.000	J44	0.4	0.863	0.029	0.0034
60 minute winter	FC57	54.000	J45	0.4	0.810	0.032	0.0036
60 minute winter	FC58	56.000	J46	0.4	0.735	0.028	0.0031
60 minute winter	FC59	57.000	J47	0.4	0.682	0.031	0.0035
60 minute winter	FC60	59.000	J48	0.4	0.715	0.038	0.0041
60 minute winter	FC61	60.000	J49	0.4	0.574	0.052	0.0058
60 minute winter	FC62	63.000	J52	0.6	0.569	0.076	0.0095
60 minute winter	FC63	65.000	S26	0.4	0.415	0.062	0.0023
60 minute winter	FC64	66.000	J54	0.4	0.327	0.076	0.0032

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC65	39	185.360	0.210	0.7	0.2789	0.0000	SURCHARGED
60 minute winter	FC66	40	185.213	0.213	0.7	0.2832	0.0000	SURCHARGED
60 minute winter	FC67	46	184.845	0.045	0.5	0.4639	0.0000	OK
60 minute winter	FC68	39	184.697	0.147	0.5	0.1898	0.0000	SURCHARGED
60 minute winter	J1	36	188.233	0.033	1.8	0.0440	0.0000	OK
60 minute winter	J2	36	188.155	0.049	2.2	0.0553	0.0000	OK
60 minute winter	J3	37	188.093	0.047	2.8	0.0534	0.0000	OK
60 minute winter	J4	37	188.069	0.034	3.2	0.0381	0.0000	OK
60 minute winter	J5	37	187.941	0.031	3.6	0.0352	0.0000	OK
60 minute winter	J6	37	187.695	0.045	4.0	0.0514	0.0000	OK
60 minute winter	J7	37	187.658	0.058	4.3	0.0658	0.0000	OK
60 minute winter	J8	38	187.635	0.042	4.7	0.0476	0.0000	OK
60 minute winter	J9	38	187.334	0.059	5.1	0.0667	0.0000	OK
60 minute winter	J10	38	187.304	0.034	5.6	0.0384	0.0000	OK
60 minute winter	J11	38	187.170	0.049	6.1	0.0554	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC65	67.000	J55	0.5	0.640	0.024	0.0032
60 minute winter	FC66	68.000	S24	0.4	0.491	0.062	0.0019
60 minute winter	FC67	69.000	J56	0.2	0.331	0.031	0.0012
60 minute winter	FC68	70.000	J57	0.4	0.545	0.041	0.0015
60 minute winter	J1	1.001	J2	1.8	0.613	0.220	0.0151
60 minute winter	J2	1.002	J3	2.2	0.642	0.378	0.0036
60 minute winter	J3	1.003	J4	2.8	0.734	0.211	0.0075
60 minute winter	J4	1.004	J5	3.2	1.134	0.094	0.0099
60 minute winter	J5	1.005	J6	3.6	1.017	0.094	0.0202
60 minute winter	J6	1.006	J7	4.0	0.734	0.139	0.0106
60 minute winter	J7	1.007	J8	4.3	0.836	0.309	0.0058
60 minute winter	J8	1.008	J9	4.7	1.211	0.157	0.0331
60 minute winter	J9	1.009	J10	5.1	0.866	0.153	0.0072
60 minute winter	J10	1.010	J11	5.7	1.130	0.044	0.0124
60 minute winter	J11	1.011	S2	6.0	0.634	0.094	0.0521

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J12	38	186.863	0.054	8.0	0.0615	0.0000	OK
60 minute winter	J13	38	186.799	0.096	8.2	0.1091	0.0000	OK
60 minute winter	J14	38	186.787	0.092	8.6	0.1040	0.0000	OK
60 minute winter	J15	38	186.771	0.083	8.9	0.0938	0.0000	OK
60 minute winter	J16	38	186.738	0.068	9.3	0.0765	0.0000	OK
60 minute winter	J17	39	186.403	0.044	9.6	0.0503	0.0000	OK
60 minute winter	J18	38	186.251	0.057	11.2	0.0640	0.0000	OK
60 minute winter	J19	39	186.122	0.095	11.6	0.1077	0.0000	OK
60 minute winter	J20	41	185.952	0.021	0.5	0.0235	0.0000	OK
60 minute winter	J21	41	185.923	0.028	1.0	0.0313	0.0000	OK
60 minute winter	J22	41	185.854	0.036	1.4	0.0408	0.0000	OK
60 minute winter	J23	42	185.820	0.037	1.6	0.0421	0.0000	OK
60 minute winter	J24	35	185.703	0.053	3.1	0.0594	0.0000	OK
60 minute winter	J25	38	185.673	0.058	3.5	0.0655	0.0000	OK
60 minute winter	J26	38	185.648	0.061	4.0	0.0690	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J12	1.013	J13	8.0	0.688	0.120	0.0764
60 minute winter	J13	1.014	J14	8.2	0.520	0.261	0.0299
60 minute winter	J14	1.015	J15	8.6	0.600	0.274	0.0273
60 minute winter	J15	1.016	J16	8.9	0.766	0.291	0.0597
60 minute winter	J16	1.017	J17	9.3	1.010	0.154	0.0309
60 minute winter	J17	1.018	S3	9.6	1.003	0.066	0.0186
60 minute winter	J18	1.020	J19	11.2	1.681	0.086	0.0099
60 minute winter	J19	1.021	S4	11.6	0.673	0.211	0.0760
60 minute winter	J20	23.002	J21	0.5	0.375	0.093	0.0055
60 minute winter	J21	23.003	J22	1.0	0.463	0.168	0.0172
60 minute winter	J22	23.004	J23	1.4	0.556	0.242	0.0093
60 minute winter	J23	23.005	S18	1.6	0.629	0.274	0.0194
60 minute winter	J24	23.007	J25	3.1	0.524	0.231	0.0363
60 minute winter	J25	23.008	J26	3.5	0.541	0.264	0.0323
60 minute winter	J26	23.009	S19	4.0	0.626	0.299	0.0235

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J27	35	185.531	0.070	5.6	0.0790	0.0000	OK
60 minute winter	J28	33	186.397	0.041	2.0	0.0468	0.0000	OK
60 minute winter	J29	34	186.318	0.047	2.3	0.0528	0.0000	OK
60 minute winter	J30	36	186.201	0.054	3.1	0.0613	0.0000	OK
60 minute winter	J31	37	186.175	0.056	3.6	0.0629	0.0000	OK
60 minute winter	J32	37	186.122	0.058	4.0	0.0657	0.0000	OK
60 minute winter	J33	36	185.650	0.040	5.5	0.0453	0.0000	OK
60 minute winter	J34	36	185.193	0.068	7.1	0.0765	0.0000	OK
60 minute winter	J35	36	185.119	0.044	7.5	0.0496	0.0000	OK
60 minute winter	J36	36	184.950	0.075	7.9	0.0843	0.0000	OK
60 minute winter	J37	36	184.655	0.080	9.2	0.0899	0.0000	OK
60 minute winter	J38	36	184.471	0.096	10.1	0.1088	0.0000	OK
60 minute winter	J39	37	184.434	0.096	10.5	0.1081	0.0000	OK
60 minute winter	J40	37	184.407	0.082	11.0	0.0932	0.0000	OK
60 minute winter	J41	38	184.623	0.026	0.8	0.0291	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J27	23.011	S4	5.6	0.589	0.188	0.0228
60 minute winter	J28	32.001	J29	2.0	0.608	0.339	0.0292
60 minute winter	J29	32.002	S12	2.3	0.683	0.394	0.0159
60 minute winter	J30	32.004	J31	3.1	0.541	0.237	0.0290
60 minute winter	J31	32.005	J32	3.6	0.585	0.269	0.0596
60 minute winter	J32	32.006	S13	4.0	0.797	0.304	0.0271
60 minute winter	J33	32.008	S14	5.5	0.927	0.156	0.0553
60 minute winter	J34	32.010	J35	7.1	0.929	0.184	0.0697
60 minute winter	J35	32.011	J36	7.5	0.896	0.084	0.0581
60 minute winter	J36	32.012	S15	8.0	0.956	0.265	0.0206
60 minute winter	J37	32.014	S16	9.2	1.067	0.302	0.0457
60 minute winter	J38	32.016	J39	10.1	0.625	0.333	0.1741
60 minute winter	J39	32.017	J40	10.5	0.720	0.341	0.0534
60 minute winter	J40	32.018	S10	11.0	0.875	0.255	0.1202
60 minute winter	J41	48.002	J42	0.8	0.449	0.140	0.0115

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J42	39	184.569	0.032	1.3	0.0358	0.0000	OK
60 minute winter	J43	39	184.409	0.049	2.4	0.0553	0.0000	OK
60 minute winter	J44	40	184.397	0.047	2.8	0.0532	0.0000	OK
60 minute winter	J45	40	184.363	0.063	3.3	0.0708	0.0000	OK
60 minute winter	J46	39	184.339	0.067	4.4	0.0762	0.0000	OK
60 minute winter	J47	40	184.317	0.069	4.8	0.0779	0.0000	OK
60 minute winter	J48	38	184.232	0.078	6.0	0.0881	0.0000	OK
60 minute winter	J49	40	184.219	0.090	6.4	0.1022	0.0000	OK
60 minute winter	J50	40	184.212	0.087	6.8	0.0984	0.0000	OK
60 minute winter	J51	40	184.200	0.092	7.2	0.1043	0.0000	OK
60 minute winter	J52	40	184.191	0.087	7.8	0.0980	0.0000	OK
60 minute winter	J53	41	184.170	0.083	8.2	0.0940	0.0000	OK
60 minute winter	J54	35	185.009	0.030	1.1	0.0343	0.0000	OK
60 minute winter	J55	36	184.979	0.035	1.5	0.0399	0.0000	OK
60 minute winter	J56	39	184.071	0.104	11.7	0.1175	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J42	48.003	S21	1.3	0.493	0.216	0.0212
60 minute winter	J43	48.005	J44	2.4	0.487	0.169	0.0078
60 minute winter	J44	48.006	J45	2.8	0.482	0.210	0.0512
60 minute winter	J45	48.007	S22	3.3	0.446	0.241	0.0175
60 minute winter	J46	48.009	J47	4.4	0.569	0.331	0.0328
60 minute winter	J47	48.010	S23	4.8	0.650	0.359	0.0195
60 minute winter	J48	48.012	J49	6.0	0.444	0.200	0.1008
60 minute winter	J49	48.013	J50	6.4	0.443	0.209	0.0165
60 minute winter	J50	48.014	J51	6.8	0.466	0.229	0.0747
60 minute winter	J51	48.015	J52	7.2	0.492	0.235	0.0167
60 minute winter	J52	48.016	J53	7.8	0.569	0.255	0.0667
60 minute winter	J53	48.017	S24	8.2	0.665	0.270	0.1259
60 minute winter	J54	65.002	J55	1.0	0.470	0.176	0.0081
60 minute winter	J55	65.003	S24	1.5	0.612	0.249	0.0189
60 minute winter	J56	48.019	J57	11.7	0.543	0.216	0.1962

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Results for 2 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J57	39	184.049	0.104	12.1	0.1171	0.0000	OK
60 minute winter	BASIN 1	86	185.281	0.281	17.4	32.1431	0.0000	OK
60 minute winter	BASIN 2	300	184.390	0.090	0.8	7.9375	0.0000	OK
60 minute winter	BASIN 3	74	183.131	0.030	12.3	21.1200	0.0000	OK
60 minute winter	BASIN 4	102	183.504	0.173	14.2	22.3350	0.0000	OK
60 minute winter	SWALE 1	88	184.957	0.025	0.7	0.0279	0.0000	OK
60 minute winter	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
60 minute winter	SWALE 3	37	184.157	0.087	12.3	0.0980	0.0000	OK
60 minute winter	BH1	300	184.390	0.313	0.7	1.7102	0.0000	OK
60 minute winter	BH2	90	183.133	0.081	1.1	2.0101	0.0000	OK
60 minute winter	BH3	99	183.504	0.198	5.6	2.5308	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J57	48.020	S25	12.1	0.586	0.224	0.1632
60 minute winter	BASIN 1	1.023	S5	0.9	0.216	0.017	0.5931
60 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
60 minute winter	BASIN 2	71.000	BH1	0.7	0.483	0.115	0.1782
60 minute winter	BASIN 3	1.034	BH2	1.1	0.374	0.014	0.2917
60 minute winter	BASIN 4	48.022	BH3	5.6	0.724	0.104	0.4668
60 minute winter	SWALE 1	1.025	S6	0.7	0.268	0.014	0.1042
60 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
60 minute winter	SWALE 3	1.033	BASIN 3	12.3	0.750	0.177	0.7093
60 minute winter	BH1	Infiltration		0.1			
60 minute winter	BH2	Infiltration		0.2			
60 minute winter	BH3	Infiltration		0.2			

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S1	64	188.389	0.019	0.7	0.0259	0.0000	OK
120 minute summer	S2	66	187.118	0.079	7.1	0.1167	0.0000	OK
120 minute summer	S3	68	186.296	0.084	10.1	0.1093	0.0000	OK
120 minute summer	S4	68	185.441	0.063	16.5	0.0750	0.0000	OK
120 minute summer	S5	136	185.358	0.378	0.9	0.4279	0.0000	SURCHARGED
120 minute summer	S6	140	184.871	0.027	0.8	0.0301	0.0000	OK
120 minute summer	S7	2	184.779	0.000	0.0	0.0000	0.0000	OK
120 minute summer	S8	2	184.390	0.000	0.0	0.0000	0.0000	OK
120 minute summer	S9	66	184.240	0.040	0.1	0.0454	0.0000	OK
120 minute summer	S10	66	184.240	0.056	11.4	0.0857	0.0000	OK
120 minute summer	S11	64	186.436	0.036	1.5	0.0594	0.0000	OK
120 minute summer	S12	66	186.224	0.048	2.5	0.0540	0.0000	OK
120 minute summer	S13	66	186.074	0.040	4.6	0.0564	0.0000	OK
120 minute summer	S14	66	185.319	0.069	6.4	0.1081	0.0000	OK
120 minute summer	S15	66	184.912	0.045	8.3	0.0628	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	S1	1.000	J1	0.7	0.445	0.080	0.0132
120 minute summer	S2	1.012	J12	7.1	0.627	0.238	0.0170
120 minute summer	S3	1.019	J18	10.1	0.972	0.329	0.0537
120 minute summer	S4	1.022	BASIN 1	16.5	1.337	0.098	0.6397
120 minute summer	S5	1.024	SWALE 1	0.8	0.282	0.016	0.0603
120 minute summer	S6	1.026	BASIN 2	0.8	0.327	0.015	0.0147
120 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
120 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0336
120 minute summer	S9	1.031	S10	-0.1	-0.034	-0.002	0.0491
120 minute summer	S10	1.032	SWALE 3	11.4	0.926	0.063	0.0544
120 minute summer	S11	32.000	J28	1.5	0.559	0.252	0.0122
120 minute summer	S12	32.003	J30	2.5	0.495	0.189	0.0260
120 minute summer	S13	32.007	J33	4.6	1.274	0.144	0.0473
120 minute summer	S14	32.009	J34	6.4	0.859	0.369	0.0390
120 minute summer	S15	32.013	J37	8.1	0.942	0.088	0.0817

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S16	66	184.597	0.040	8.9	0.0502	0.0000	OK
120 minute summer	S17	78	186.012	0.012	0.2	0.0141	0.0000	OK
120 minute summer	S18	66	185.713	0.052	2.6	0.0740	0.0000	OK
120 minute summer	S19	66	185.557	0.066	5.0	0.0900	0.0000	OK
120 minute summer	S20	66	184.667	0.025	0.8	0.0310	0.0000	OK
120 minute summer	S21	68	184.499	0.040	1.8	0.0474	0.0000	OK
120 minute summer	S22	68	184.351	0.065	3.8	0.0797	0.0000	OK
120 minute summer	S23	70	184.237	0.078	5.2	0.0927	0.0000	OK
120 minute summer	S24	70	184.081	0.104	10.8	0.1508	0.0000	OK
120 minute summer	S25	70	184.020	0.094	11.3	0.1060	0.0000	OK
120 minute summer	S26	70	185.394	0.017	0.5	0.0208	0.0000	OK
120 minute summer	FC1	70	188.442	0.192	0.6	0.2558	0.0000	SURCHARGED
120 minute summer	FC2	70	188.342	0.192	0.6	0.2561	0.0000	SURCHARGED
120 minute summer	FC3	72	188.560	0.360	1.0	0.5223	0.0000	SURCHARGED
120 minute summer	FC4	70	188.331	0.131	0.5	0.1693	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	S16	32.015	J38	8.9	0.924	0.060	0.0230
120 minute summer	S17	23.001	J20	0.2	0.288	0.033	0.0061
120 minute summer	S18	23.006	J24	2.6	0.486	0.191	0.0099
120 minute summer	S19	23.010	J27	5.0	0.502	0.166	0.0880
120 minute summer	S20	48.001	J41	0.8	0.508	0.131	0.0071
120 minute summer	S21	48.004	J43	1.8	0.639	0.304	0.0143
120 minute summer	S22	48.008	J46	3.8	0.522	0.285	0.0178
120 minute summer	S23	48.011	J48	5.2	0.438	0.168	0.0134
120 minute summer	S24	48.018	J56	10.8	0.511	0.201	0.0894
120 minute summer	S25	48.021	BASIN 4	11.3	0.668	0.205	0.0541
120 minute summer	S26	65.001	J54	0.5	0.613	0.062	0.0076
120 minute summer	FC1	2.000	J1	0.4	0.365	0.068	0.0072
120 minute summer	FC2	3.000	J2	0.4	0.235	0.071	0.0103
120 minute summer	FC3	4.000	J3	0.6	0.503	0.092	0.0110
120 minute summer	FC4	5.000	J4	0.3	0.485	0.046	0.0052

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC5	70	188.193	0.193	0.6	0.2566	0.0000	SURCHARGED
120 minute summer	FC6	70	187.981	0.131	0.5	0.1686	0.0000	SURCHARGED
120 minute summer	FC7	70	187.882	0.131	0.5	0.1697	0.0000	SURCHARGED
120 minute summer	FC8	70	187.940	0.190	0.6	0.2532	0.0000	SURCHARGED
120 minute summer	FC9	70	187.602	0.132	0.5	0.1709	0.0000	SURCHARGED
120 minute summer	FC10	72	187.760	0.290	0.8	0.4091	0.0000	SURCHARGED
120 minute summer	FC11	70	187.474	0.154	0.5	0.2016	0.0000	SURCHARGED
120 minute summer	FC12	70	187.384	0.154	0.5	0.2016	0.0000	SURCHARGED
120 minute summer	FC13	70	187.193	0.193	0.6	0.2564	0.0000	SURCHARGED
120 minute summer	FC14	76	186.954	0.054	0.6	0.6900	0.0000	OK
120 minute summer	FC15	70	187.329	0.129	0.5	0.1669	0.0000	SURCHARGED
120 minute summer	FC16	70	187.032	0.132	0.5	0.1703	0.0000	SURCHARGED
120 minute summer	FC17	70	187.130	0.130	0.5	0.1672	0.0000	SURCHARGED
120 minute summer	FC18	70	186.682	0.132	0.5	0.1710	0.0000	SURCHARGED
120 minute summer	FC19	70	186.593	0.193	0.6	0.2565	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC5	6.000	J5	0.4	0.429	0.071	0.0041
120 minute summer	FC6	7.000	J6	0.3	0.534	0.040	0.0048
120 minute summer	FC7	8.000	J7	0.3	0.464	0.049	0.0054
120 minute summer	FC8	9.000	J8	0.4	0.608	0.044	0.0029
120 minute summer	FC9	10.000	J9	0.3	0.409	0.058	0.0061
120 minute summer	FC10	11.000	J10	0.5	0.498	0.079	0.0066
120 minute summer	FC11	12.000	J11	0.4	0.417	0.063	0.0069
120 minute summer	FC12	13.000	S2	0.4	0.416	0.063	0.0062
120 minute summer	FC13	14.000	J12	0.4	0.433	0.071	0.0067
120 minute summer	FC14	15.000	J13	0.2	0.351	0.035	0.0044
120 minute summer	FC15	16.000	J14	0.3	0.864	0.020	0.0019
120 minute summer	FC16	17.000	J15	0.3	0.435	0.053	0.0060
120 minute summer	FC17	18.000	J16	0.3	0.688	0.028	0.0024
120 minute summer	FC18	19.000	J17	0.3	0.407	0.058	0.0059
120 minute summer	FC19	20.000	S3	0.4	0.431	0.072	0.0065

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC20	70	187.139	0.189	0.6	0.2514	0.0000	SURCHARGED
120 minute summer	FC21	70	186.493	0.193	0.6	0.2564	0.0000	SURCHARGED
120 minute summer	FC22	78	186.498	0.048	0.5	0.4656	0.0000	OK
120 minute summer	FC23	70	186.432	0.132	0.5	0.1706	0.0000	SURCHARGED
120 minute summer	FC24	70	186.491	0.191	0.6	0.2548	0.0000	SURCHARGED
120 minute summer	FC25	70	186.739	0.189	0.6	0.2514	0.0000	SURCHARGED
120 minute summer	FC26	78	186.497	0.047	0.5	0.4737	0.0000	OK
120 minute summer	FC27	70	186.629	0.129	0.5	0.1669	0.0000	SURCHARGED
120 minute summer	FC28	70	186.689	0.189	0.6	0.2514	0.0000	SURCHARGED
120 minute summer	FC29	70	186.710	0.210	0.7	0.2835	0.0000	SURCHARGED
120 minute summer	FC30	70	186.939	0.189	0.6	0.2516	0.0000	SURCHARGED
120 minute summer	FC31	70	186.580	0.130	0.5	0.1683	0.0000	SURCHARGED
120 minute summer	FC32	70	186.579	0.129	0.5	0.1671	0.0000	SURCHARGED
120 minute summer	FC33	70	186.639	0.189	0.6	0.2517	0.0000	SURCHARGED
120 minute summer	FC34	70	186.643	0.192	0.6	0.2562	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC20	21.000	J18	0.4	0.867	0.027	0.0021
120 minute summer	FC21	22.000	J19	0.4	0.432	0.072	0.0075
120 minute summer	FC22	23.000	S17	0.2	0.491	0.010	0.0019
120 minute summer	FC23	24.000	J20	0.3	0.424	0.055	0.0037
120 minute summer	FC24	25.000	J21	0.4	0.504	0.057	0.0039
120 minute summer	FC25	26.000	J22	0.4	0.860	0.027	0.0023
120 minute summer	FC26	27.000	J23	0.2	0.601	0.014	0.0015
120 minute summer	FC27	28.000	J24	0.3	0.892	0.019	0.0018
120 minute summer	FC28	29.000	J25	0.4	0.865	0.027	0.0021
120 minute summer	FC29	30.000	J26	0.4	0.855	0.029	0.0025
120 minute summer	FC30	31.000	J27	0.4	0.807	0.029	0.0023
120 minute summer	FC31	33.000	J28	0.3	0.291	0.038	0.0072
120 minute summer	FC32	34.000	J29	0.3	0.248	0.028	0.0079
120 minute summer	FC33	35.000	S12	0.4	0.794	0.030	0.0022
120 minute summer	FC34	36.000	J30	0.4	0.443	0.068	0.0045

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC35	70	186.639	0.189	0.6	0.2516	0.0000	SURCHARGED
120 minute summer	FC36	70	186.660	0.210	0.7	0.2834	0.0000	SURCHARGED
120 minute summer	FC37	72	186.055	0.255	0.8	0.3552	0.0000	SURCHARGED
120 minute summer	FC38	78	185.492	0.042	0.5	0.5072	0.0000	OK
120 minute summer	FC39	70	185.579	0.129	0.5	0.1669	0.0000	SURCHARGED
120 minute summer	FC40	70	185.689	0.189	0.6	0.2513	0.0000	SURCHARGED
120 minute summer	FC41	70	185.040	0.190	0.6	0.2528	0.0000	SURCHARGED
120 minute summer	FC42	70	184.791	0.191	0.6	0.2538	0.0000	SURCHARGED
120 minute summer	FC43	70	184.790	0.190	0.6	0.2527	0.0000	SURCHARGED
120 minute summer	FC44	64	184.615	0.015	0.5	0.0191	0.0000	OK
120 minute summer	FC45	2	184.600	0.000	0.0	0.0000	0.0000	OK
120 minute summer	FC46	72	184.991	0.290	0.8	0.4098	0.0000	SURCHARGED
120 minute summer	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute summer	FC48	70	184.989	0.189	0.6	0.2516	0.0000	SURCHARGED
120 minute summer	FC49	70	184.993	0.193	0.6	0.2566	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC35	37.000	J31	0.4	0.799	0.030	0.0027
120 minute summer	FC36	38.000	J32	0.4	0.872	0.029	0.0026
120 minute summer	FC37	39.000	J33	0.5	0.600	0.056	0.0054
120 minute summer	FC38	40.000	J34	0.2	0.564	0.014	0.0015
120 minute summer	FC39	41.000	J35	0.3	0.760	0.024	0.0020
120 minute summer	FC40	42.000	J36	0.4	0.984	0.022	0.0022
120 minute summer	FC41	43.000	J37	0.4	0.644	0.040	0.0033
120 minute summer	FC42	44.000	J38	0.4	0.562	0.049	0.0037
120 minute summer	FC43	45.000	J39	0.4	0.656	0.039	0.0028
120 minute summer	FC44	46.000	J40	0.5	0.708	0.044	0.0031
120 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
120 minute summer	FC46	48.000	S20	0.5	0.420	0.089	0.0079
120 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0040
120 minute summer	FC48	50.000	J42	0.4	0.538	0.030	0.0063
120 minute summer	FC49	51.000	S21	0.4	0.429	0.071	0.0043

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC50	70	184.993	0.193	0.6	0.2566	0.0000	SURCHARGED
120 minute summer	FC51	70	185.043	0.193	0.6	0.2565	0.0000	SURCHARGED
120 minute summer	FC52	70	185.488	0.238	0.7	0.3259	0.0000	SURCHARGED
120 minute summer	FC53	70	185.440	0.190	0.6	0.2535	0.0000	SURCHARGED
120 minute summer	FC54	70	185.380	0.130	0.5	0.1677	0.0000	SURCHARGED
120 minute summer	FC55	70	185.379	0.129	0.5	0.1669	0.0000	SURCHARGED
120 minute summer	FC56	70	185.539	0.189	0.6	0.2514	0.0000	SURCHARGED
120 minute summer	FC57	70	185.539	0.189	0.6	0.2516	0.0000	SURCHARGED
120 minute summer	FC58	70	185.479	0.129	0.5	0.1670	0.0000	SURCHARGED
120 minute summer	FC59	70	185.480	0.130	0.5	0.1673	0.0000	SURCHARGED
120 minute summer	FC60	70	185.540	0.190	0.6	0.2522	0.0000	SURCHARGED
120 minute summer	FC61	70	185.491	0.191	0.6	0.2538	0.0000	SURCHARGED
120 minute summer	FC62	72	185.553	0.303	0.9	0.4337	0.0000	SURCHARGED
120 minute summer	FC63	70	185.533	0.133	0.5	0.1714	0.0000	SURCHARGED
120 minute summer	FC64	70	185.193	0.192	0.6	0.2562	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC50	52.000	J43	0.4	0.430	0.071	0.0046
120 minute summer	FC51	55.000	S22	0.4	0.431	0.071	0.0060
120 minute summer	FC52	58.000	S23	0.5	0.649	0.047	0.0040
120 minute summer	FC53	61.000	J50	0.4	0.590	0.046	0.0031
120 minute summer	FC54	62.000	J51	0.3	0.616	0.032	0.0022
120 minute summer	FC55	64.000	J53	0.3	0.777	0.023	0.0019
120 minute summer	FC56	53.000	J44	0.4	0.849	0.027	0.0033
120 minute summer	FC57	54.000	J45	0.4	0.797	0.030	0.0035
120 minute summer	FC58	56.000	J46	0.3	0.722	0.026	0.0030
120 minute summer	FC59	57.000	J47	0.3	0.670	0.029	0.0033
120 minute summer	FC60	59.000	J48	0.4	0.704	0.036	0.0040
120 minute summer	FC61	60.000	J49	0.4	0.565	0.049	0.0055
120 minute summer	FC62	63.000	J52	0.5	0.558	0.070	0.0091
120 minute summer	FC63	65.000	S26	0.3	0.406	0.058	0.0021
120 minute summer	FC64	66.000	J54	0.4	0.325	0.072	0.0031

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC65	70	185.339	0.189	0.6	0.2513	0.0000	SURCHARGED
120 minute summer	FC66	70	185.192	0.192	0.6	0.2554	0.0000	SURCHARGED
120 minute summer	FC67	78	184.847	0.047	0.5	0.4828	0.0000	OK
120 minute summer	FC68	70	184.681	0.131	0.5	0.1687	0.0000	SURCHARGED
120 minute summer	J1	64	188.232	0.032	1.8	0.0433	0.0000	OK
120 minute summer	J2	64	188.154	0.048	2.1	0.0538	0.0000	OK
120 minute summer	J3	66	188.092	0.046	2.6	0.0517	0.0000	OK
120 minute summer	J4	66	188.068	0.033	3.0	0.0368	0.0000	OK
120 minute summer	J5	66	187.940	0.030	3.4	0.0341	0.0000	OK
120 minute summer	J6	66	187.694	0.044	3.7	0.0493	0.0000	OK
120 minute summer	J7	66	187.656	0.056	4.0	0.0636	0.0000	OK
120 minute summer	J8	66	187.634	0.041	4.4	0.0460	0.0000	OK
120 minute summer	J9	66	187.332	0.057	4.8	0.0644	0.0000	OK
120 minute summer	J10	68	187.303	0.033	5.3	0.0369	0.0000	OK
120 minute summer	J11	72	187.168	0.047	5.6	0.0532	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC65	67.000	J55	0.4	0.602	0.023	0.0031
120 minute summer	FC66	68.000	S24	0.4	0.483	0.059	0.0019
120 minute summer	FC67	69.000	J56	0.2	0.334	0.032	0.0012
120 minute summer	FC68	70.000	J57	0.3	0.536	0.038	0.0015
120 minute summer	J1	1.001	J2	1.8	0.610	0.213	0.0146
120 minute summer	J2	1.002	J3	2.1	0.634	0.360	0.0035
120 minute summer	J3	1.003	J4	2.6	0.723	0.198	0.0072
120 minute summer	J4	1.004	J5	3.0	1.115	0.088	0.0094
120 minute summer	J5	1.005	J6	3.4	1.007	0.088	0.0192
120 minute summer	J6	1.006	J7	3.7	0.724	0.130	0.0101
120 minute summer	J7	1.007	J8	4.0	0.821	0.290	0.0056
120 minute summer	J8	1.008	J9	4.4	1.189	0.146	0.0316
120 minute summer	J9	1.009	J10	4.8	0.851	0.142	0.0069
120 minute summer	J10	1.010	J11	5.3	1.121	0.041	0.0117
120 minute summer	J11	1.011	S2	5.6	0.626	0.087	0.0493

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J12	66	186.862	0.053	7.5	0.0594	0.0000	OK
120 minute summer	J13	68	186.795	0.093	7.7	0.1050	0.0000	OK
120 minute summer	J14	68	186.784	0.089	8.0	0.1003	0.0000	OK
120 minute summer	J15	68	186.768	0.080	8.3	0.0906	0.0000	OK
120 minute summer	J16	68	186.735	0.065	8.7	0.0739	0.0000	OK
120 minute summer	J17	68	186.401	0.043	9.0	0.0483	0.0000	OK
120 minute summer	J18	68	186.249	0.055	10.5	0.0617	0.0000	OK
120 minute summer	J19	68	186.119	0.092	10.9	0.1044	0.0000	OK
120 minute summer	J20	72	185.952	0.020	0.5	0.0231	0.0000	OK
120 minute summer	J21	72	185.922	0.027	1.0	0.0306	0.0000	OK
120 minute summer	J22	72	185.853	0.035	1.4	0.0397	0.0000	OK
120 minute summer	J23	72	185.819	0.036	1.6	0.0412	0.0000	OK
120 minute summer	J24	66	185.701	0.051	3.0	0.0580	0.0000	OK
120 minute summer	J25	66	185.671	0.056	3.4	0.0637	0.0000	OK
120 minute summer	J26	68	185.646	0.059	3.8	0.0670	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J12	1.013	J13	7.5	0.678	0.112	0.0725
120 minute summer	J13	1.014	J14	7.7	0.512	0.244	0.0284
120 minute summer	J14	1.015	J15	8.0	0.589	0.256	0.0260
120 minute summer	J15	1.016	J16	8.4	0.753	0.273	0.0570
120 minute summer	J16	1.017	J17	8.7	0.994	0.145	0.0295
120 minute summer	J17	1.018	S3	9.0	0.989	0.062	0.0177
120 minute summer	J18	1.020	J19	10.5	1.659	0.081	0.0095
120 minute summer	J19	1.021	S4	10.9	0.661	0.198	0.0728
120 minute summer	J20	23.002	J21	0.5	0.373	0.090	0.0054
120 minute summer	J21	23.003	J22	1.0	0.459	0.161	0.0167
120 minute summer	J22	23.004	J23	1.4	0.548	0.231	0.0090
120 minute summer	J23	23.005	S18	1.6	0.622	0.264	0.0188
120 minute summer	J24	23.007	J25	2.9	0.519	0.222	0.0351
120 minute summer	J25	23.008	J26	3.3	0.535	0.252	0.0310
120 minute summer	J26	23.009	S19	3.8	0.618	0.283	0.0226

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J27	66	185.529	0.068	5.4	0.0771	0.0000	OK
120 minute summer	J28	64	186.395	0.039	1.8	0.0441	0.0000	OK
120 minute summer	J29	66	186.315	0.044	2.1	0.0499	0.0000	OK
120 minute summer	J30	66	186.199	0.052	2.9	0.0587	0.0000	OK
120 minute summer	J31	66	186.172	0.053	3.3	0.0603	0.0000	OK
120 minute summer	J32	68	186.120	0.056	3.8	0.0634	0.0000	OK
120 minute summer	J33	66	185.648	0.038	5.1	0.0434	0.0000	OK
120 minute summer	J34	66	185.190	0.065	6.5	0.0735	0.0000	OK
120 minute summer	J35	66	185.117	0.042	6.9	0.0477	0.0000	OK
120 minute summer	J36	68	184.946	0.071	7.3	0.0804	0.0000	OK
120 minute summer	J37	66	184.652	0.076	8.5	0.0865	0.0000	OK
120 minute summer	J38	66	184.467	0.092	9.3	0.1038	0.0000	OK
120 minute summer	J39	66	184.429	0.091	9.7	0.1032	0.0000	OK
120 minute summer	J40	66	184.404	0.079	10.1	0.0890	0.0000	OK
120 minute summer	J41	66	184.622	0.025	0.8	0.0280	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J27	23.011	S4	5.4	0.581	0.180	0.0221
120 minute summer	J28	32.001	J29	1.8	0.590	0.305	0.0271
120 minute summer	J29	32.002	S12	2.1	0.667	0.358	0.0148
120 minute summer	J30	32.004	J31	2.9	0.531	0.220	0.0274
120 minute summer	J31	32.005	J32	3.3	0.574	0.250	0.0565
120 minute summer	J32	32.006	S13	3.8	0.784	0.283	0.0256
120 minute summer	J33	32.008	S14	5.1	0.915	0.143	0.0519
120 minute summer	J34	32.010	J35	6.5	0.907	0.170	0.0659
120 minute summer	J35	32.011	J36	6.9	0.881	0.077	0.0545
120 minute summer	J36	32.012	S15	7.5	0.936	0.251	0.0194
120 minute summer	J37	32.014	S16	8.5	1.047	0.278	0.0430
120 minute summer	J38	32.016	J39	9.3	0.614	0.308	0.1638
120 minute summer	J39	32.017	J40	9.7	0.706	0.314	0.0502
120 minute summer	J40	32.018	S10	10.1	0.855	0.234	0.1130
120 minute summer	J41	48.002	J42	0.8	0.443	0.130	0.0109

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J42	68	184.567	0.030	1.2	0.0343	0.0000	OK
120 minute summer	J43	68	184.407	0.047	2.2	0.0533	0.0000	OK
120 minute summer	J44	68	184.395	0.045	2.6	0.0513	0.0000	OK
120 minute summer	J45	70	184.360	0.060	3.0	0.0678	0.0000	OK
120 minute summer	J46	70	184.337	0.065	4.2	0.0734	0.0000	OK
120 minute summer	J47	70	184.315	0.067	4.5	0.0752	0.0000	OK
120 minute summer	J48	70	184.229	0.075	5.6	0.0847	0.0000	OK
120 minute summer	J49	70	184.216	0.087	6.0	0.0986	0.0000	OK
120 minute summer	J50	70	184.209	0.084	6.5	0.0948	0.0000	OK
120 minute summer	J51	70	184.197	0.089	6.8	0.1007	0.0000	OK
120 minute summer	J52	70	184.188	0.084	7.3	0.0946	0.0000	OK
120 minute summer	J53	72	184.167	0.080	7.7	0.0909	0.0000	OK
120 minute summer	J54	70	185.008	0.029	1.0	0.0328	0.0000	OK
120 minute summer	J55	70	184.978	0.034	1.4	0.0387	0.0000	OK
120 minute summer	J56	70	184.067	0.100	10.9	0.1131	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J42	48.003	S21	1.2	0.483	0.200	0.0201
120 minute summer	J43	48.005	J44	2.2	0.480	0.158	0.0074
120 minute summer	J44	48.006	J45	2.6	0.477	0.197	0.0484
120 minute summer	J45	48.007	S22	3.1	0.442	0.225	0.0165
120 minute summer	J46	48.009	J47	4.2	0.561	0.311	0.0312
120 minute summer	J47	48.010	S23	4.5	0.641	0.338	0.0186
120 minute summer	J48	48.012	J49	5.6	0.438	0.188	0.0958
120 minute summer	J49	48.013	J50	6.0	0.436	0.197	0.0157
120 minute summer	J50	48.014	J51	6.5	0.460	0.216	0.0712
120 minute summer	J51	48.015	J52	6.8	0.485	0.222	0.0159
120 minute summer	J52	48.016	J53	7.3	0.560	0.240	0.0637
120 minute summer	J53	48.017	S24	7.7	0.653	0.254	0.1204
120 minute summer	J54	65.002	J55	1.0	0.456	0.163	0.0077
120 minute summer	J55	65.003	S24	1.4	0.602	0.236	0.0181
120 minute summer	J56	48.019	J57	10.9	0.534	0.202	0.1864

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Results for 2 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J57	70	184.045	0.100	11.3	0.1130	0.0000	OK
120 minute summer	BASIN 1	136	185.358	0.358	16.5	41.7179	0.0000	SURCHARGED
120 minute summer	BASIN 2	360	184.423	0.123	0.9	10.9323	0.0000	OK
120 minute summer	BASIN 3	150	183.139	0.039	11.3	27.0356	0.0000	OK
120 minute summer	BASIN 4	154	183.555	0.225	11.3	29.2760	0.0000	OK
120 minute summer	SWALE 1	138	184.958	0.026	0.8	0.0295	0.0000	OK
120 minute summer	SWALE 2	2	184.450	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWALE 3	66	184.153	0.083	11.4	0.0938	0.0000	OK
120 minute summer	BH1	360	184.423	0.346	0.7	1.8050	0.0000	OK
120 minute summer	BH2	142	183.139	0.087	1.6	2.0399	0.0000	OK
120 minute summer	BH3	162	183.555	0.249	3.0	2.7679	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J57	48.020	S25	11.3	0.575	0.209	0.1555
120 minute summer	BASIN 1	1.023	S5	0.9	0.177	0.017	0.6013
120 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
120 minute summer	BASIN 2	71.000	BH1	0.7	0.467	0.125	0.1829
120 minute summer	BASIN 3	1.034	BH2	1.6	0.378	0.019	0.3437
120 minute summer	BASIN 4	48.022	BH3	3.0	0.484	0.055	0.6076
120 minute summer	SWALE 1	1.025	S6	0.8	0.280	0.016	0.1130
120 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
120 minute summer	SWALE 3	1.033	BASIN 3	11.3	0.732	0.163	0.6686
120 minute summer	BH1	Infiltration		0.1			
120 minute summer	BH2	Infiltration		0.2			
120 minute summer	BH3	Infiltration		0.2			

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S1	64	188.386	0.016	0.5	0.0220	0.0000	OK
120 minute winter	S2	70	187.114	0.075	6.5	0.1110	0.0000	OK
120 minute winter	S3	72	186.293	0.081	9.3	0.1048	0.0000	OK
120 minute winter	S4	68	185.438	0.060	15.1	0.0718	0.0000	OK
120 minute winter	S5	134	185.396	0.416	0.9	0.4706	0.0000	SURCHARGED
120 minute winter	S6	138	184.871	0.027	0.9	0.0308	0.0000	OK
120 minute winter	S7	2	184.779	0.000	0.0	0.0000	0.0000	OK
120 minute winter	S8	2	184.390	0.000	0.0	0.0000	0.0000	OK
120 minute winter	S9	68	184.237	0.037	0.1	0.0416	0.0000	OK
120 minute winter	S10	68	184.237	0.053	10.3	0.0806	0.0000	OK
120 minute winter	S11	64	186.432	0.032	1.2	0.0524	0.0000	OK
120 minute winter	S12	66	186.220	0.044	2.2	0.0497	0.0000	OK
120 minute winter	S13	66	186.071	0.037	4.1	0.0531	0.0000	OK
120 minute winter	S14	66	185.314	0.064	5.7	0.1004	0.0000	OK
120 minute winter	S15	68	184.909	0.042	7.2	0.0592	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	S1	1.000	J1	0.5	0.404	0.057	0.0107
120 minute winter	S2	1.012	J12	6.5	0.612	0.217	0.0158
120 minute winter	S3	1.019	J18	9.3	0.952	0.303	0.0505
120 minute winter	S4	1.022	BASIN 1	15.1	1.459	0.090	0.6570
120 minute winter	S5	1.024	SWALE 1	0.9	0.286	0.016	0.0625
120 minute winter	S6	1.026	BASIN 2	0.9	0.332	0.016	0.0153
120 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
120 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0296
120 minute winter	S9	1.031	S10	-0.1	-0.037	-0.001	0.0443
120 minute winter	S10	1.032	SWALE 3	10.3	0.902	0.057	0.0501
120 minute winter	S11	32.000	J28	1.2	0.521	0.202	0.0105
120 minute winter	S12	32.003	J30	2.2	0.478	0.164	0.0233
120 minute winter	S13	32.007	J33	4.1	1.232	0.128	0.0435
120 minute winter	S14	32.009	J34	5.6	0.832	0.325	0.0355
120 minute winter	S15	32.013	J37	7.2	0.906	0.078	0.0756

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S16	68	184.594	0.037	8.0	0.0469	0.0000	OK
120 minute winter	S17	80	186.013	0.013	0.2	0.0144	0.0000	OK
120 minute winter	S18	70	185.711	0.050	2.4	0.0702	0.0000	OK
120 minute winter	S19	66	185.553	0.062	4.4	0.0846	0.0000	OK
120 minute winter	S20	76	184.666	0.024	0.7	0.0293	0.0000	OK
120 minute winter	S21	72	184.497	0.038	1.7	0.0455	0.0000	OK
120 minute winter	S22	68	184.348	0.062	3.6	0.0762	0.0000	OK
120 minute winter	S23	70	184.233	0.075	4.9	0.0889	0.0000	OK
120 minute winter	S24	70	184.078	0.101	10.2	0.1460	0.0000	OK
120 minute winter	S25	72	184.017	0.091	10.7	0.1029	0.0000	OK
120 minute winter	S26	70	185.394	0.017	0.5	0.0207	0.0000	OK
120 minute winter	FC1	74	188.417	0.167	0.5	0.2217	0.0000	SURCHARGED
120 minute winter	FC2	74	188.317	0.167	0.5	0.2220	0.0000	SURCHARGED
120 minute winter	FC3	76	188.516	0.315	0.7	0.4578	0.0000	SURCHARGED
120 minute winter	FC4	70	188.325	0.125	0.4	0.1613	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	S16	32.015	J38	8.0	0.906	0.054	0.0211
120 minute winter	S17	23.001	J20	0.2	0.293	0.035	0.0062
120 minute winter	S18	23.006	J24	2.4	0.474	0.174	0.0092
120 minute winter	S19	23.010	J27	4.4	0.488	0.148	0.0807
120 minute winter	S20	48.001	J41	0.7	0.494	0.117	0.0066
120 minute winter	S21	48.004	J43	1.7	0.627	0.283	0.0136
120 minute winter	S22	48.008	J46	3.6	0.514	0.265	0.0168
120 minute winter	S23	48.011	J48	4.9	0.433	0.157	0.0126
120 minute winter	S24	48.018	J56	10.2	0.504	0.190	0.0856
120 minute winter	S25	48.021	BASIN 4	10.7	0.658	0.193	0.0519
120 minute winter	S26	65.001	J54	0.5	0.610	0.061	0.0075
120 minute winter	FC1	2.000	J1	0.4	0.343	0.063	0.0063
120 minute winter	FC2	3.000	J2	0.4	0.223	0.066	0.0093
120 minute winter	FC3	4.000	J3	0.5	0.493	0.086	0.0105
120 minute winter	FC4	5.000	J4	0.3	0.482	0.044	0.0051

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC5	74	188.167	0.167	0.5	0.2226	0.0000	SURCHARGED
120 minute winter	FC6	70	187.974	0.124	0.4	0.1604	0.0000	SURCHARGED
120 minute winter	FC7	70	187.875	0.125	0.4	0.1617	0.0000	SURCHARGED
120 minute winter	FC8	74	187.914	0.164	0.5	0.2185	0.0000	SURCHARGED
120 minute winter	FC9	70	187.596	0.126	0.4	0.1631	0.0000	SURCHARGED
120 minute winter	FC10	76	187.733	0.263	0.7	0.3709	0.0000	SURCHARGED
120 minute winter	FC11	72	187.455	0.135	0.4	0.1774	0.0000	SURCHARGED
120 minute winter	FC12	72	187.365	0.135	0.4	0.1774	0.0000	SURCHARGED
120 minute winter	FC13	74	187.167	0.167	0.5	0.2224	0.0000	SURCHARGED
120 minute winter	FC14	82	186.956	0.056	0.5	0.7175	0.0000	OK
120 minute winter	FC15	70	187.323	0.123	0.4	0.1587	0.0000	SURCHARGED
120 minute winter	FC16	70	187.026	0.126	0.4	0.1624	0.0000	SURCHARGED
120 minute winter	FC17	70	187.123	0.123	0.4	0.1589	0.0000	SURCHARGED
120 minute winter	FC18	70	186.676	0.126	0.4	0.1632	0.0000	SURCHARGED
120 minute winter	FC19	74	186.567	0.167	0.5	0.2224	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC5	6.000	J5	0.4	0.420	0.066	0.0039
120 minute winter	FC6	7.000	J6	0.3	0.529	0.039	0.0047
120 minute winter	FC7	8.000	J7	0.3	0.460	0.047	0.0053
120 minute winter	FC8	9.000	J8	0.4	0.594	0.040	0.0028
120 minute winter	FC9	10.000	J9	0.3	0.406	0.056	0.0060
120 minute winter	FC10	11.000	J10	0.5	0.490	0.075	0.0063
120 minute winter	FC11	12.000	J11	0.3	0.409	0.059	0.0066
120 minute winter	FC12	13.000	S2	0.3	0.409	0.059	0.0059
120 minute winter	FC13	14.000	J12	0.4	0.423	0.066	0.0063
120 minute winter	FC14	15.000	J13	0.2	0.354	0.035	0.0045
120 minute winter	FC15	16.000	J14	0.3	0.857	0.019	0.0018
120 minute winter	FC16	17.000	J15	0.3	0.431	0.052	0.0059
120 minute winter	FC17	18.000	J16	0.3	0.682	0.027	0.0024
120 minute winter	FC18	19.000	J17	0.3	0.404	0.057	0.0058
120 minute winter	FC19	20.000	S3	0.4	0.421	0.066	0.0061

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC20	74	187.112	0.162	0.5	0.2161	0.0000	SURCHARGED
120 minute winter	FC21	74	186.467	0.167	0.5	0.2224	0.0000	SURCHARGED
120 minute winter	FC22	78	186.502	0.052	0.4	0.5053	0.0000	OK
120 minute winter	FC23	70	186.426	0.126	0.4	0.1628	0.0000	SURCHARGED
120 minute winter	FC24	74	186.466	0.166	0.5	0.2205	0.0000	SURCHARGED
120 minute winter	FC25	74	186.712	0.162	0.5	0.2161	0.0000	SURCHARGED
120 minute winter	FC26	78	186.501	0.051	0.4	0.5143	0.0000	OK
120 minute winter	FC27	70	186.623	0.123	0.4	0.1587	0.0000	SURCHARGED
120 minute winter	FC28	74	186.662	0.162	0.5	0.2161	0.0000	SURCHARGED
120 minute winter	FC29	72	186.687	0.187	0.5	0.2521	0.0000	SURCHARGED
120 minute winter	FC30	74	186.913	0.163	0.5	0.2164	0.0000	SURCHARGED
120 minute winter	FC31	70	186.574	0.124	0.4	0.1601	0.0000	SURCHARGED
120 minute winter	FC32	70	186.573	0.123	0.4	0.1588	0.0000	SURCHARGED
120 minute winter	FC33	74	186.613	0.163	0.5	0.2165	0.0000	SURCHARGED
120 minute winter	FC34	74	186.617	0.167	0.5	0.2221	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC20	21.000	J18	0.4	0.847	0.024	0.0020
120 minute winter	FC21	22.000	J19	0.4	0.422	0.066	0.0071
120 minute winter	FC22	23.000	S17	0.2	0.499	0.011	0.0020
120 minute winter	FC23	24.000	J20	0.3	0.421	0.053	0.0037
120 minute winter	FC24	25.000	J21	0.4	0.493	0.053	0.0037
120 minute winter	FC25	26.000	J22	0.4	0.840	0.025	0.0022
120 minute winter	FC26	27.000	J23	0.2	0.611	0.015	0.0015
120 minute winter	FC27	28.000	J24	0.3	0.885	0.019	0.0017
120 minute winter	FC28	29.000	J25	0.4	0.845	0.025	0.0020
120 minute winter	FC29	30.000	J26	0.4	0.840	0.028	0.0024
120 minute winter	FC30	31.000	J27	0.4	0.789	0.027	0.0022
120 minute winter	FC31	33.000	J28	0.3	0.272	0.037	0.0064
120 minute winter	FC32	34.000	J29	0.3	0.234	0.027	0.0071
120 minute winter	FC33	35.000	S12	0.4	0.775	0.028	0.0021
120 minute winter	FC34	36.000	J30	0.4	0.433	0.063	0.0043

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC35	74	186.613	0.163	0.5	0.2164	0.0000	SURCHARGED
120 minute winter	FC36	72	186.637	0.187	0.5	0.2520	0.0000	SURCHARGED
120 minute winter	FC37	74	186.036	0.236	0.6	0.3280	0.0000	SURCHARGED
120 minute winter	FC38	84	185.496	0.046	0.4	0.5556	0.0000	OK
120 minute winter	FC39	70	185.573	0.123	0.4	0.1587	0.0000	SURCHARGED
120 minute winter	FC40	74	185.662	0.162	0.5	0.2161	0.0000	SURCHARGED
120 minute winter	FC41	74	185.014	0.164	0.5	0.2180	0.0000	SURCHARGED
120 minute winter	FC42	74	184.765	0.165	0.5	0.2193	0.0000	SURCHARGED
120 minute winter	FC43	74	184.764	0.164	0.5	0.2178	0.0000	SURCHARGED
120 minute winter	FC44	64	184.613	0.013	0.4	0.0171	0.0000	OK
120 minute winter	FC45	2	184.600	0.000	0.0	0.0000	0.0000	OK
120 minute winter	FC46	76	184.963	0.263	0.7	0.3717	0.0000	SURCHARGED
120 minute winter	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute winter	FC48	74	184.963	0.163	0.5	0.2164	0.0000	SURCHARGED
120 minute winter	FC49	74	184.967	0.167	0.5	0.2226	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC35	37.000	J31	0.4	0.780	0.028	0.0026
120 minute winter	FC36	38.000	J32	0.4	0.856	0.027	0.0025
120 minute winter	FC37	39.000	J33	0.5	0.593	0.053	0.0052
120 minute winter	FC38	40.000	J34	0.2	0.576	0.015	0.0016
120 minute winter	FC39	41.000	J35	0.3	0.753	0.023	0.0020
120 minute winter	FC40	42.000	J36	0.4	0.960	0.020	0.0021
120 minute winter	FC41	43.000	J37	0.4	0.629	0.037	0.0031
120 minute winter	FC42	44.000	J38	0.4	0.549	0.045	0.0035
120 minute winter	FC43	45.000	J39	0.4	0.642	0.036	0.0026
120 minute winter	FC44	46.000	J40	0.4	0.664	0.036	0.0026
120 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
120 minute winter	FC46	48.000	S20	0.5	0.415	0.084	0.0076
120 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0037
120 minute winter	FC48	50.000	J42	0.4	0.538	0.028	0.0060
120 minute winter	FC49	51.000	S21	0.4	0.420	0.066	0.0041

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC50	74	184.967	0.167	0.5	0.2225	0.0000	SURCHARGED
120 minute winter	FC51	74	185.017	0.167	0.5	0.2224	0.0000	SURCHARGED
120 minute winter	FC52	74	185.459	0.209	0.6	0.2865	0.0000	SURCHARGED
120 minute winter	FC53	74	185.414	0.164	0.5	0.2188	0.0000	SURCHARGED
120 minute winter	FC54	70	185.374	0.124	0.4	0.1594	0.0000	SURCHARGED
120 minute winter	FC55	70	185.373	0.123	0.4	0.1587	0.0000	SURCHARGED
120 minute winter	FC56	74	185.512	0.162	0.5	0.2161	0.0000	SURCHARGED
120 minute winter	FC57	74	185.513	0.163	0.5	0.2164	0.0000	SURCHARGED
120 minute winter	FC58	70	185.473	0.123	0.4	0.1587	0.0000	SURCHARGED
120 minute winter	FC59	70	185.473	0.123	0.4	0.1590	0.0000	SURCHARGED
120 minute winter	FC60	74	185.513	0.163	0.5	0.2172	0.0000	SURCHARGED
120 minute winter	FC61	74	185.465	0.165	0.5	0.2192	0.0000	SURCHARGED
120 minute winter	FC62	74	185.544	0.294	0.7	0.4212	0.0000	SURCHARGED
120 minute winter	FC63	70	185.527	0.127	0.4	0.1636	0.0000	SURCHARGED
120 minute winter	FC64	74	185.167	0.167	0.5	0.2221	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC50	52.000	J43	0.4	0.420	0.066	0.0043
120 minute winter	FC51	55.000	S22	0.4	0.422	0.066	0.0057
120 minute winter	FC52	58.000	S23	0.4	0.636	0.044	0.0038
120 minute winter	FC53	61.000	J50	0.4	0.576	0.042	0.0029
120 minute winter	FC54	62.000	J51	0.3	0.611	0.031	0.0022
120 minute winter	FC55	64.000	J53	0.3	0.770	0.023	0.0018
120 minute winter	FC56	53.000	J44	0.4	0.829	0.025	0.0031
120 minute winter	FC57	54.000	J45	0.4	0.778	0.028	0.0033
120 minute winter	FC58	56.000	J46	0.3	0.716	0.025	0.0029
120 minute winter	FC59	57.000	J47	0.3	0.664	0.028	0.0033
120 minute winter	FC60	59.000	J48	0.4	0.687	0.033	0.0038
120 minute winter	FC61	60.000	J49	0.4	0.552	0.045	0.0052
120 minute winter	FC62	63.000	J52	0.5	0.555	0.069	0.0090
120 minute winter	FC63	65.000	S26	0.3	0.404	0.057	0.0021
120 minute winter	FC64	66.000	J54	0.4	0.325	0.066	0.0030

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC65	74	185.312	0.162	0.5	0.2161	0.0000	SURCHARGED
120 minute winter	FC66	74	185.166	0.166	0.5	0.2212	0.0000	SURCHARGED
120 minute winter	FC67	84	184.851	0.051	0.4	0.5256	0.0000	OK
120 minute winter	FC68	70	184.674	0.124	0.4	0.1606	0.0000	SURCHARGED
120 minute winter	J1	70	188.228	0.028	1.4	0.0375	0.0000	OK
120 minute winter	J2	70	188.149	0.043	1.8	0.0484	0.0000	OK
120 minute winter	J3	70	188.089	0.043	2.3	0.0484	0.0000	OK
120 minute winter	J4	70	188.066	0.031	2.6	0.0346	0.0000	OK
120 minute winter	J5	70	187.939	0.029	3.0	0.0323	0.0000	OK
120 minute winter	J6	70	187.691	0.041	3.4	0.0464	0.0000	OK
120 minute winter	J7	70	187.654	0.054	3.7	0.0607	0.0000	OK
120 minute winter	J8	70	187.632	0.039	4.1	0.0440	0.0000	OK
120 minute winter	J9	70	187.330	0.055	4.4	0.0620	0.0000	OK
120 minute winter	J10	70	187.301	0.031	4.9	0.0355	0.0000	OK
120 minute winter	J11	72	187.167	0.046	5.3	0.0515	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC65	67.000	J55	0.4	0.602	0.021	0.0029
120 minute winter	FC66	68.000	S24	0.4	0.473	0.054	0.0018
120 minute winter	FC67	69.000	J56	0.2	0.339	0.033	0.0012
120 minute winter	FC68	70.000	J57	0.3	0.532	0.037	0.0014
120 minute winter	J1	1.001	J2	1.4	0.565	0.167	0.0125
120 minute winter	J2	1.002	J3	1.8	0.605	0.300	0.0031
120 minute winter	J3	1.003	J4	2.3	0.693	0.174	0.0065
120 minute winter	J4	1.004	J5	2.6	1.078	0.079	0.0087
120 minute winter	J5	1.005	J6	3.0	0.978	0.079	0.0177
120 minute winter	J6	1.006	J7	3.4	0.705	0.118	0.0094
120 minute winter	J7	1.007	J8	3.7	0.801	0.265	0.0052
120 minute winter	J8	1.008	J9	4.1	1.162	0.135	0.0297
120 minute winter	J9	1.009	J10	4.4	0.847	0.132	0.0065
120 minute winter	J10	1.010	J11	4.9	1.097	0.038	0.0111
120 minute winter	J11	1.011	S2	5.3	0.616	0.082	0.0465

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J12	70	186.859	0.050	6.9	0.0562	0.0000	OK
120 minute winter	J13	70	186.791	0.089	7.0	0.1002	0.0000	OK
120 minute winter	J14	70	186.780	0.085	7.4	0.0959	0.0000	OK
120 minute winter	J15	72	186.765	0.077	7.7	0.0869	0.0000	OK
120 minute winter	J16	72	186.733	0.063	8.0	0.0708	0.0000	OK
120 minute winter	J17	72	186.399	0.041	8.4	0.0460	0.0000	OK
120 minute winter	J18	72	186.246	0.052	9.7	0.0587	0.0000	OK
120 minute winter	J19	72	186.115	0.088	10.1	0.0999	0.0000	OK
120 minute winter	J20	72	185.952	0.020	0.5	0.0232	0.0000	OK
120 minute winter	J21	74	185.922	0.027	0.9	0.0301	0.0000	OK
120 minute winter	J22	74	185.852	0.034	1.3	0.0387	0.0000	OK
120 minute winter	J23	76	185.819	0.036	1.5	0.0404	0.0000	OK
120 minute winter	J24	70	185.699	0.049	2.7	0.0553	0.0000	OK
120 minute winter	J25	70	185.669	0.054	3.1	0.0609	0.0000	OK
120 minute winter	J26	70	185.644	0.057	3.5	0.0643	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J12	1.013	J13	6.9	0.663	0.102	0.0679
120 minute winter	J13	1.014	J14	7.0	0.499	0.224	0.0267
120 minute winter	J14	1.015	J15	7.4	0.575	0.236	0.0246
120 minute winter	J15	1.016	J16	7.7	0.738	0.252	0.0537
120 minute winter	J16	1.017	J17	8.0	0.974	0.134	0.0278
120 minute winter	J17	1.018	S3	8.4	0.974	0.058	0.0166
120 minute winter	J18	1.020	J19	9.7	1.629	0.074	0.0089
120 minute winter	J19	1.021	S4	10.1	0.647	0.182	0.0684
120 minute winter	J20	23.002	J21	0.5	0.375	0.089	0.0053
120 minute winter	J21	23.003	J22	0.9	0.457	0.155	0.0161
120 minute winter	J22	23.004	J23	1.3	0.538	0.220	0.0087
120 minute winter	J23	23.005	S18	1.5	0.616	0.255	0.0183
120 minute winter	J24	23.007	J25	2.7	0.509	0.204	0.0330
120 minute winter	J25	23.008	J26	3.1	0.525	0.233	0.0293
120 minute winter	J26	23.009	S19	3.5	0.606	0.264	0.0215

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J27	68	185.525	0.064	4.8	0.0727	0.0000	OK
120 minute winter	J28	64	186.391	0.035	1.5	0.0397	0.0000	OK
120 minute winter	J29	64	186.311	0.040	1.8	0.0455	0.0000	OK
120 minute winter	J30	66	186.195	0.048	2.6	0.0545	0.0000	OK
120 minute winter	J31	66	186.169	0.050	2.9	0.0563	0.0000	OK
120 minute winter	J32	70	186.117	0.053	3.3	0.0596	0.0000	OK
120 minute winter	J33	66	185.646	0.036	4.6	0.0411	0.0000	OK
120 minute winter	J34	66	185.186	0.061	5.8	0.0691	0.0000	OK
120 minute winter	J35	66	185.115	0.040	6.1	0.0450	0.0000	OK
120 minute winter	J36	66	184.942	0.067	6.5	0.0758	0.0000	OK
120 minute winter	J37	68	184.647	0.072	7.6	0.0819	0.0000	OK
120 minute winter	J38	68	184.462	0.086	8.4	0.0978	0.0000	OK
120 minute winter	J39	68	184.424	0.086	8.8	0.0977	0.0000	OK
120 minute winter	J40	68	184.400	0.075	9.2	0.0845	0.0000	OK
120 minute winter	J41	74	184.620	0.023	0.7	0.0265	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J27	23.011	S4	4.8	0.566	0.161	0.0203
120 minute winter	J28	32.001	J29	1.5	0.559	0.254	0.0238
120 minute winter	J29	32.002	S12	1.8	0.640	0.305	0.0132
120 minute winter	J30	32.004	J31	2.6	0.513	0.193	0.0249
120 minute winter	J31	32.005	J32	2.9	0.554	0.221	0.0517
120 minute winter	J32	32.006	S13	3.3	0.759	0.252	0.0236
120 minute winter	J33	32.008	S14	4.6	0.892	0.128	0.0474
120 minute winter	J34	32.010	J35	5.8	0.873	0.150	0.0605
120 minute winter	J35	32.011	J36	6.1	0.849	0.069	0.0502
120 minute winter	J36	32.012	S15	6.6	0.898	0.220	0.0178
120 minute winter	J37	32.014	S16	7.6	1.019	0.249	0.0396
120 minute winter	J38	32.016	J39	8.4	0.598	0.278	0.1518
120 minute winter	J39	32.017	J40	8.8	0.688	0.285	0.0467
120 minute winter	J40	32.018	S10	9.2	0.834	0.213	0.1053
120 minute winter	J41	48.002	J42	0.7	0.426	0.118	0.0102

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J42	76	184.566	0.029	1.1	0.0331	0.0000	OK
120 minute winter	J43	72	184.405	0.045	2.1	0.0512	0.0000	OK
120 minute winter	J44	72	184.394	0.044	2.5	0.0494	0.0000	OK
120 minute winter	J45	72	184.357	0.057	2.8	0.0646	0.0000	OK
120 minute winter	J46	68	184.334	0.062	3.9	0.0703	0.0000	OK
120 minute winter	J47	70	184.312	0.064	4.2	0.0723	0.0000	OK
120 minute winter	J48	70	184.226	0.072	5.2	0.0811	0.0000	OK
120 minute winter	J49	70	184.213	0.084	5.6	0.0945	0.0000	OK
120 minute winter	J50	74	184.205	0.080	6.0	0.0909	0.0000	OK
120 minute winter	J51	74	184.194	0.086	6.3	0.0970	0.0000	OK
120 minute winter	J52	74	184.185	0.081	6.9	0.0913	0.0000	OK
120 minute winter	J53	72	184.165	0.078	7.2	0.0880	0.0000	OK
120 minute winter	J54	72	185.007	0.028	0.9	0.0320	0.0000	OK
120 minute winter	J55	72	184.977	0.033	1.3	0.0375	0.0000	OK
120 minute winter	J56	70	184.064	0.097	10.4	0.1096	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J42	48.003	S21	1.1	0.480	0.185	0.0190
120 minute winter	J43	48.005	J44	2.1	0.472	0.147	0.0070
120 minute winter	J44	48.006	J45	2.4	0.472	0.183	0.0457
120 minute winter	J45	48.007	S22	2.8	0.437	0.209	0.0155
120 minute winter	J46	48.009	J47	3.9	0.552	0.290	0.0296
120 minute winter	J47	48.010	S23	4.2	0.630	0.316	0.0177
120 minute winter	J48	48.012	J49	5.2	0.433	0.175	0.0904
120 minute winter	J49	48.013	J50	5.6	0.431	0.184	0.0148
120 minute winter	J50	48.014	J51	6.0	0.452	0.201	0.0675
120 minute winter	J51	48.015	J52	6.3	0.476	0.207	0.0151
120 minute winter	J52	48.016	J53	6.9	0.551	0.225	0.0608
120 minute winter	J53	48.017	S24	7.2	0.641	0.239	0.1153
120 minute winter	J54	65.002	J55	0.9	0.453	0.156	0.0074
120 minute winter	J55	65.003	S24	1.3	0.594	0.223	0.0174
120 minute winter	J56	48.019	J57	10.3	0.527	0.191	0.1786

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Results for 2 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J57	70	184.042	0.097	10.7	0.1096	0.0000	OK
120 minute winter	BASIN 1	134	185.396	0.396	15.1	46.4819	0.0000	SURCHARGED
120 minute winter	BASIN 2	360	184.431	0.131	1.0	11.7052	0.0000	OK
120 minute winter	BASIN 3	152	183.144	0.044	10.2	30.2357	0.0000	OK
120 minute winter	BASIN 4	154	183.581	0.251	10.8	32.7773	0.0000	OK
120 minute winter	SWALE 1	136	184.959	0.027	0.9	0.0302	0.0000	OK
120 minute winter	SWALE 2	2	184.450	0.000	0.0	0.0000	0.0000	OK
120 minute winter	SWALE 3	68	184.149	0.079	10.3	0.0888	0.0000	OK
120 minute winter	BH1	360	184.431	0.354	0.8	1.8292	0.0000	OK
120 minute winter	BH2	140	183.144	0.092	1.8	2.0631	0.0000	OK
120 minute winter	BH3	144	183.581	0.275	3.0	2.8875	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J57	48.020	S25	10.7	0.567	0.198	0.1491
120 minute winter	BASIN 1	1.023	S5	0.9	0.207	0.017	0.6013
120 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
120 minute winter	BASIN 2	71.000	BH1	0.8	0.468	0.130	0.1829
120 minute winter	BASIN 3	1.034	BH2	1.8	0.375	0.022	0.3782
120 minute winter	BASIN 4	48.022	BH3	3.0	0.527	0.057	0.6650
120 minute winter	SWALE 1	1.025	S6	0.9	0.284	0.017	0.1170
120 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
120 minute winter	SWALE 3	1.033	BASIN 3	10.2	0.712	0.146	0.6177
120 minute winter	BH1	Infiltration		0.1			
120 minute winter	BH2	Infiltration		0.2			
120 minute winter	BH3	Infiltration		0.2			

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S1	96	188.386	0.016	0.5	0.0220	0.0000	OK
180 minute summer	S2	100	187.112	0.073	6.1	0.1080	0.0000	OK
180 minute summer	S3	100	186.291	0.079	8.9	0.1025	0.0000	OK
180 minute summer	S4	100	185.437	0.059	14.4	0.0701	0.0000	OK
180 minute summer	S5	184	185.394	0.414	0.9	0.4680	0.0000	SURCHARGED
180 minute summer	S6	188	184.871	0.027	0.9	0.0308	0.0000	OK
180 minute summer	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
180 minute summer	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
180 minute summer	S9	100	184.235	0.035	0.1	0.0398	0.0000	OK
180 minute summer	S10	100	184.235	0.051	9.7	0.0782	0.0000	OK
180 minute summer	S11	96	186.432	0.032	1.2	0.0524	0.0000	OK
180 minute summer	S12	96	186.220	0.044	2.2	0.0492	0.0000	OK
180 minute summer	S13	100	186.071	0.037	4.0	0.0521	0.0000	OK
180 minute summer	S14	96	185.313	0.063	5.5	0.0984	0.0000	OK
180 minute summer	S15	96	184.909	0.042	7.1	0.0580	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	S1	1.000	J1	0.5	0.401	0.057	0.0105
180 minute summer	S2	1.012	J12	6.1	0.603	0.206	0.0152
180 minute summer	S3	1.019	J18	8.9	0.942	0.290	0.0489
180 minute summer	S4	1.022	BASIN 1	14.4	1.069	0.086	0.6501
180 minute summer	S5	1.024	SWALE 1	0.9	0.286	0.016	0.0624
180 minute summer	S6	1.026	BASIN 2	0.9	0.332	0.016	0.0152
180 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
180 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0277
180 minute summer	S9	1.031	S10	-0.1	-0.019	-0.001	0.0420
180 minute summer	S10	1.032	SWALE 3	9.7	0.892	0.054	0.0485
180 minute summer	S11	32.000	J28	1.2	0.525	0.202	0.0104
180 minute summer	S12	32.003	J30	2.1	0.477	0.161	0.0229
180 minute summer	S13	32.007	J33	4.0	1.220	0.124	0.0425
180 minute summer	S14	32.009	J34	5.4	0.825	0.314	0.0346
180 minute summer	S15	32.013	J37	6.9	0.893	0.075	0.0733

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S16	96	184.593	0.036	7.6	0.0455	0.0000	OK
180 minute summer	S17	112	186.012	0.012	0.2	0.0140	0.0000	OK
180 minute summer	S18	96	185.709	0.048	2.3	0.0683	0.0000	OK
180 minute summer	S19	96	185.551	0.060	4.3	0.0825	0.0000	OK
180 minute summer	S20	104	184.666	0.024	0.7	0.0293	0.0000	OK
180 minute summer	S21	100	184.497	0.038	1.6	0.0449	0.0000	OK
180 minute summer	S22	100	184.347	0.061	3.4	0.0745	0.0000	OK
180 minute summer	S23	104	184.232	0.074	4.7	0.0871	0.0000	OK
180 minute summer	S24	100	184.075	0.098	9.8	0.1428	0.0000	OK
180 minute summer	S25	100	184.015	0.089	10.2	0.1006	0.0000	OK
180 minute summer	S26	100	185.394	0.017	0.5	0.0203	0.0000	OK
180 minute summer	FC1	100	188.406	0.156	0.5	0.2080	0.0000	SURCHARGED
180 minute summer	FC2	100	188.307	0.156	0.5	0.2083	0.0000	SURCHARGED
180 minute summer	FC3	104	188.489	0.289	0.8	0.4187	0.0000	SURCHARGED
180 minute summer	FC4	100	188.312	0.112	0.4	0.1443	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	S16	32.015	J38	7.6	0.901	0.052	0.0202
180 minute summer	S17	23.001	J20	0.2	0.287	0.033	0.0059
180 minute summer	S18	23.006	J24	2.3	0.470	0.166	0.0089
180 minute summer	S19	23.010	J27	4.2	0.483	0.141	0.0780
180 minute summer	S20	48.001	J41	0.7	0.494	0.118	0.0066
180 minute summer	S21	48.004	J43	1.6	0.623	0.276	0.0134
180 minute summer	S22	48.008	J46	3.4	0.510	0.255	0.0163
180 minute summer	S23	48.011	J48	4.7	0.431	0.152	0.0123
180 minute summer	S24	48.018	J56	9.8	0.500	0.183	0.0830
180 minute summer	S25	48.021	BASIN 4	10.2	0.651	0.185	0.0502
180 minute summer	S26	65.001	J54	0.5	0.603	0.059	0.0073
180 minute summer	FC1	2.000	J1	0.4	0.343	0.061	0.0061
180 minute summer	FC2	3.000	J2	0.4	0.222	0.063	0.0089
180 minute summer	FC3	4.000	J3	0.5	0.486	0.082	0.0101
180 minute summer	FC4	5.000	J4	0.3	0.473	0.042	0.0049

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC5	100	188.157	0.157	0.5	0.2088	0.0000	SURCHARGED
180 minute summer	FC6	100	187.961	0.111	0.4	0.1435	0.0000	SURCHARGED
180 minute summer	FC7	100	187.862	0.112	0.4	0.1447	0.0000	SURCHARGED
180 minute summer	FC8	100	187.904	0.154	0.5	0.2052	0.0000	SURCHARGED
180 minute summer	FC9	100	187.583	0.113	0.4	0.1460	0.0000	SURCHARGED
180 minute summer	FC10	104	187.737	0.267	0.7	0.3768	0.0000	SURCHARGED
180 minute summer	FC11	104	187.451	0.131	0.4	0.1711	0.0000	SURCHARGED
180 minute summer	FC12	104	187.361	0.131	0.4	0.1712	0.0000	SURCHARGED
180 minute summer	FC13	100	187.157	0.157	0.5	0.2086	0.0000	SURCHARGED
180 minute summer	FC14	112	186.953	0.053	0.5	0.6731	0.0000	OK
180 minute summer	FC15	100	187.310	0.110	0.4	0.1422	0.0000	SURCHARGED
180 minute summer	FC16	100	187.013	0.113	0.4	0.1454	0.0000	SURCHARGED
180 minute summer	FC17	100	187.110	0.110	0.4	0.1422	0.0000	SURCHARGED
180 minute summer	FC18	100	186.663	0.113	0.4	0.1461	0.0000	SURCHARGED
180 minute summer	FC19	100	186.557	0.157	0.5	0.2086	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC5	6.000	J5	0.4	0.415	0.063	0.0038
180 minute summer	FC6	7.000	J6	0.3	0.520	0.036	0.0045
180 minute summer	FC7	8.000	J7	0.3	0.452	0.044	0.0051
180 minute summer	FC8	9.000	J8	0.4	0.588	0.039	0.0027
180 minute summer	FC9	10.000	J9	0.3	0.399	0.053	0.0057
180 minute summer	FC10	11.000	J10	0.5	0.492	0.076	0.0064
180 minute summer	FC11	12.000	J11	0.3	0.407	0.058	0.0065
180 minute summer	FC12	13.000	S2	0.3	0.407	0.058	0.0058
180 minute summer	FC13	14.000	J12	0.4	0.419	0.063	0.0061
180 minute summer	FC14	15.000	J13	0.2	0.349	0.034	0.0044
180 minute summer	FC15	16.000	J14	0.3	0.842	0.018	0.0018
180 minute summer	FC16	17.000	J15	0.3	0.424	0.049	0.0057
180 minute summer	FC17	18.000	J16	0.3	0.670	0.025	0.0023
180 minute summer	FC18	19.000	J17	0.3	0.397	0.053	0.0056
180 minute summer	FC19	20.000	S3	0.4	0.417	0.064	0.0060

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC20	100	187.103	0.153	0.5	0.2036	0.0000	SURCHARGED
180 minute summer	FC21	100	186.457	0.157	0.5	0.2086	0.0000	SURCHARGED
180 minute summer	FC22	112	186.498	0.048	0.4	0.4627	0.0000	OK
180 minute summer	FC23	100	186.413	0.113	0.4	0.1457	0.0000	SURCHARGED
180 minute summer	FC24	100	186.455	0.155	0.5	0.2069	0.0000	SURCHARGED
180 minute summer	FC25	100	186.703	0.153	0.5	0.2036	0.0000	SURCHARGED
180 minute summer	FC26	112	186.497	0.047	0.4	0.4717	0.0000	OK
180 minute summer	FC27	100	186.610	0.110	0.4	0.1422	0.0000	SURCHARGED
180 minute summer	FC28	100	186.653	0.153	0.5	0.2036	0.0000	SURCHARGED
180 minute summer	FC29	104	186.660	0.160	0.5	0.2160	0.0000	SURCHARGED
180 minute summer	FC30	100	186.903	0.153	0.5	0.2037	0.0000	SURCHARGED
180 minute summer	FC31	100	186.561	0.111	0.4	0.1432	0.0000	SURCHARGED
180 minute summer	FC32	100	186.560	0.110	0.4	0.1422	0.0000	SURCHARGED
180 minute summer	FC33	100	186.603	0.153	0.5	0.2038	0.0000	SURCHARGED
180 minute summer	FC34	100	186.607	0.157	0.5	0.2083	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC20	21.000	J18	0.4	0.838	0.024	0.0020
180 minute summer	FC21	22.000	J19	0.4	0.417	0.064	0.0069
180 minute summer	FC22	23.000	S17	0.2	0.490	0.010	0.0019
180 minute summer	FC23	24.000	J20	0.3	0.414	0.050	0.0035
180 minute summer	FC24	25.000	J21	0.4	0.489	0.051	0.0036
180 minute summer	FC25	26.000	J22	0.4	0.832	0.024	0.0022
180 minute summer	FC26	27.000	J23	0.2	0.600	0.014	0.0015
180 minute summer	FC27	28.000	J24	0.3	0.870	0.017	0.0016
180 minute summer	FC28	29.000	J25	0.4	0.837	0.024	0.0020
180 minute summer	FC29	30.000	J26	0.4	0.820	0.025	0.0022
180 minute summer	FC30	31.000	J27	0.4	0.781	0.026	0.0021
180 minute summer	FC31	33.000	J28	0.3	0.270	0.035	0.0064
180 minute summer	FC32	34.000	J29	0.3	0.233	0.025	0.0070
180 minute summer	FC33	35.000	S12	0.4	0.768	0.027	0.0020
180 minute summer	FC34	36.000	J30	0.4	0.429	0.061	0.0042

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC35	100	186.603	0.153	0.5	0.2037	0.0000	SURCHARGED
180 minute summer	FC36	104	186.610	0.160	0.5	0.2159	0.0000	SURCHARGED
180 minute summer	FC37	104	186.009	0.208	0.6	0.2900	0.0000	SURCHARGED
180 minute summer	FC38	112	185.492	0.042	0.4	0.5093	0.0000	OK
180 minute summer	FC39	100	185.560	0.110	0.4	0.1422	0.0000	SURCHARGED
180 minute summer	FC40	100	185.653	0.153	0.5	0.2036	0.0000	SURCHARGED
180 minute summer	FC41	100	185.004	0.154	0.5	0.2048	0.0000	SURCHARGED
180 minute summer	FC42	100	184.755	0.155	0.5	0.2059	0.0000	SURCHARGED
180 minute summer	FC43	100	184.754	0.154	0.5	0.2047	0.0000	SURCHARGED
180 minute summer	FC44	96	184.613	0.013	0.4	0.0171	0.0000	OK
180 minute summer	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
180 minute summer	FC46	104	184.968	0.268	0.7	0.3776	0.0000	SURCHARGED
180 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute summer	FC48	100	184.953	0.153	0.5	0.2037	0.0000	SURCHARGED
180 minute summer	FC49	100	184.957	0.157	0.5	0.2087	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC35	37.000	J31	0.4	0.773	0.027	0.0025
180 minute summer	FC36	38.000	J32	0.4	0.836	0.025	0.0023
180 minute summer	FC37	39.000	J33	0.4	0.583	0.050	0.0050
180 minute summer	FC38	40.000	J34	0.2	0.565	0.014	0.0015
180 minute summer	FC39	41.000	J35	0.3	0.740	0.022	0.0019
180 minute summer	FC40	42.000	J36	0.4	0.951	0.020	0.0020
180 minute summer	FC41	43.000	J37	0.4	0.623	0.036	0.0031
180 minute summer	FC42	44.000	J38	0.4	0.543	0.044	0.0034
180 minute summer	FC43	45.000	J39	0.4	0.635	0.035	0.0026
180 minute summer	FC44	46.000	J40	0.4	0.664	0.036	0.0026
180 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
180 minute summer	FC46	48.000	S20	0.5	0.414	0.085	0.0076
180 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0037
180 minute summer	FC48	50.000	J42	0.4	0.340	0.027	0.0059
180 minute summer	FC49	51.000	S21	0.4	0.415	0.063	0.0039

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC50	100	184.957	0.157	0.5	0.2087	0.0000	SURCHARGED
180 minute summer	FC51	100	185.007	0.157	0.5	0.2086	0.0000	SURCHARGED
180 minute summer	FC52	104	185.455	0.205	0.6	0.2811	0.0000	SURCHARGED
180 minute summer	FC53	100	185.404	0.154	0.5	0.2055	0.0000	SURCHARGED
180 minute summer	FC54	100	185.361	0.111	0.4	0.1427	0.0000	SURCHARGED
180 minute summer	FC55	100	185.360	0.110	0.4	0.1422	0.0000	SURCHARGED
180 minute summer	FC56	100	185.503	0.153	0.5	0.2036	0.0000	SURCHARGED
180 minute summer	FC57	100	185.503	0.153	0.5	0.2037	0.0000	SURCHARGED
180 minute summer	FC58	100	185.460	0.110	0.4	0.1422	0.0000	SURCHARGED
180 minute summer	FC59	100	185.460	0.110	0.4	0.1423	0.0000	SURCHARGED
180 minute summer	FC60	100	185.503	0.153	0.5	0.2042	0.0000	SURCHARGED
180 minute summer	FC61	100	185.455	0.155	0.5	0.2058	0.0000	SURCHARGED
180 minute summer	FC62	104	185.517	0.267	0.7	0.3815	0.0000	SURCHARGED
180 minute summer	FC63	100	185.513	0.113	0.4	0.1465	0.0000	SURCHARGED
180 minute summer	FC64	100	185.157	0.157	0.5	0.2084	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC50	52.000	J43	0.4	0.416	0.064	0.0042
180 minute summer	FC51	55.000	S22	0.4	0.417	0.064	0.0055
180 minute summer	FC52	58.000	S23	0.4	0.634	0.044	0.0038
180 minute summer	FC53	61.000	J50	0.4	0.570	0.041	0.0028
180 minute summer	FC54	62.000	J51	0.3	0.600	0.029	0.0021
180 minute summer	FC55	64.000	J53	0.3	0.756	0.021	0.0018
180 minute summer	FC56	53.000	J44	0.4	0.821	0.025	0.0030
180 minute summer	FC57	54.000	J45	0.4	0.771	0.027	0.0032
180 minute summer	FC58	56.000	J46	0.3	0.703	0.024	0.0028
180 minute summer	FC59	57.000	J47	0.3	0.652	0.026	0.0031
180 minute summer	FC60	59.000	J48	0.4	0.680	0.032	0.0037
180 minute summer	FC61	60.000	J49	0.4	0.546	0.044	0.0051
180 minute summer	FC62	63.000	J52	0.5	0.547	0.066	0.0087
180 minute summer	FC63	65.000	S26	0.3	0.395	0.053	0.0020
180 minute summer	FC64	66.000	J54	0.4	0.319	0.064	0.0029

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC65	100	185.303	0.153	0.5	0.2036	0.0000	SURCHARGED
180 minute summer	FC66	100	185.156	0.156	0.5	0.2075	0.0000	SURCHARGED
180 minute summer	FC67	112	184.847	0.047	0.4	0.4817	0.0000	OK
180 minute summer	FC68	100	184.661	0.111	0.4	0.1436	0.0000	SURCHARGED
180 minute summer	J1	96	188.227	0.027	1.4	0.0370	0.0000	OK
180 minute summer	J2	96	188.148	0.042	1.7	0.0472	0.0000	OK
180 minute summer	J3	96	188.088	0.041	2.2	0.0469	0.0000	OK
180 minute summer	J4	96	188.065	0.029	2.5	0.0333	0.0000	OK
180 minute summer	J5	100	187.938	0.028	2.8	0.0313	0.0000	OK
180 minute summer	J6	100	187.689	0.039	3.1	0.0446	0.0000	OK
180 minute summer	J7	100	187.652	0.052	3.5	0.0588	0.0000	OK
180 minute summer	J8	100	187.631	0.038	3.8	0.0427	0.0000	OK
180 minute summer	J9	100	187.328	0.053	4.2	0.0597	0.0000	OK
180 minute summer	J10	100	187.301	0.031	4.6	0.0345	0.0000	OK
180 minute summer	J11	100	187.165	0.044	5.0	0.0499	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC65	67.000	J55	0.4	0.489	0.020	0.0029
180 minute summer	FC66	68.000	S24	0.4	0.468	0.052	0.0017
180 minute summer	FC67	69.000	J56	0.2	0.334	0.032	0.0012
180 minute summer	FC68	70.000	J57	0.3	0.523	0.035	0.0014
180 minute summer	J1	1.001	J2	1.4	0.563	0.163	0.0121
180 minute summer	J2	1.002	J3	1.7	0.598	0.287	0.0030
180 minute summer	J3	1.003	J4	2.2	0.683	0.163	0.0062
180 minute summer	J4	1.004	J5	2.5	1.059	0.073	0.0082
180 minute summer	J5	1.005	J6	2.8	0.968	0.074	0.0168
180 minute summer	J6	1.006	J7	3.1	0.695	0.111	0.0090
180 minute summer	J7	1.007	J8	3.5	0.786	0.249	0.0050
180 minute summer	J8	1.008	J9	3.9	1.144	0.127	0.0285
180 minute summer	J9	1.009	J10	4.2	0.834	0.125	0.0062
180 minute summer	J10	1.010	J11	4.7	1.084	0.036	0.0106
180 minute summer	J11	1.011	S2	5.0	0.607	0.078	0.0449

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J12	100	186.857	0.048	6.5	0.0547	0.0000	OK
180 minute summer	J13	100	186.788	0.086	6.7	0.0976	0.0000	OK
180 minute summer	J14	100	186.778	0.083	7.0	0.0936	0.0000	OK
180 minute summer	J15	100	186.763	0.075	7.4	0.0848	0.0000	OK
180 minute summer	J16	100	186.731	0.061	7.7	0.0690	0.0000	OK
180 minute summer	J17	100	186.397	0.039	8.0	0.0446	0.0000	OK
180 minute summer	J18	100	186.245	0.051	9.3	0.0572	0.0000	OK
180 minute summer	J19	100	186.113	0.086	9.6	0.0977	0.0000	OK
180 minute summer	J20	104	185.951	0.020	0.5	0.0225	0.0000	OK
180 minute summer	J21	104	185.921	0.026	0.9	0.0293	0.0000	OK
180 minute summer	J22	104	185.851	0.033	1.2	0.0376	0.0000	OK
180 minute summer	J23	104	185.818	0.035	1.4	0.0393	0.0000	OK
180 minute summer	J24	96	185.698	0.047	2.6	0.0537	0.0000	OK
180 minute summer	J25	100	185.667	0.052	2.9	0.0590	0.0000	OK
180 minute summer	J26	100	185.642	0.055	3.3	0.0624	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J12	1.013	J13	6.5	0.655	0.097	0.0655
180 minute summer	J13	1.014	J14	6.7	0.494	0.214	0.0258
180 minute summer	J14	1.015	J15	7.0	0.569	0.226	0.0237
180 minute summer	J15	1.016	J16	7.4	0.729	0.241	0.0519
180 minute summer	J16	1.017	J17	7.7	0.962	0.128	0.0268
180 minute summer	J17	1.018	S3	8.0	0.963	0.055	0.0161
180 minute summer	J18	1.020	J19	9.3	1.614	0.071	0.0086
180 minute summer	J19	1.021	S4	9.6	0.640	0.175	0.0663
180 minute summer	J20	23.002	J21	0.5	0.370	0.084	0.0051
180 minute summer	J21	23.003	J22	0.9	0.450	0.147	0.0156
180 minute summer	J22	23.004	J23	1.2	0.533	0.210	0.0084
180 minute summer	J23	23.005	S18	1.4	0.608	0.243	0.0177
180 minute summer	J24	23.007	J25	2.6	0.504	0.193	0.0315
180 minute summer	J25	23.008	J26	2.9	0.520	0.221	0.0281
180 minute summer	J26	23.009	S19	3.3	0.598	0.250	0.0206

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J27	96	185.524	0.063	4.6	0.0708	0.0000	OK
180 minute summer	J28	96	186.391	0.035	1.5	0.0396	0.0000	OK
180 minute summer	J29	96	186.311	0.040	1.8	0.0453	0.0000	OK
180 minute summer	J30	96	186.194	0.047	2.5	0.0537	0.0000	OK
180 minute summer	J31	100	186.168	0.049	2.9	0.0556	0.0000	OK
180 minute summer	J32	100	186.116	0.052	3.3	0.0589	0.0000	OK
180 minute summer	J33	100	185.646	0.036	4.4	0.0405	0.0000	OK
180 minute summer	J34	96	185.185	0.060	5.6	0.0679	0.0000	OK
180 minute summer	J35	96	185.114	0.039	5.9	0.0442	0.0000	OK
180 minute summer	J36	100	184.941	0.066	6.2	0.0745	0.0000	OK
180 minute summer	J37	100	184.646	0.071	7.3	0.0802	0.0000	OK
180 minute summer	J38	100	184.459	0.084	8.0	0.0950	0.0000	OK
180 minute summer	J39	100	184.422	0.084	8.3	0.0950	0.0000	OK
180 minute summer	J40	100	184.398	0.073	8.7	0.0821	0.0000	OK
180 minute summer	J41	104	184.621	0.024	0.7	0.0266	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J27	23.011	S4	4.6	0.558	0.153	0.0196
180 minute summer	J28	32.001	J29	1.5	0.559	0.253	0.0237
180 minute summer	J29	32.002	S12	1.8	0.639	0.303	0.0131
180 minute summer	J30	32.004	J31	2.5	0.511	0.188	0.0243
180 minute summer	J31	32.005	J32	2.9	0.551	0.217	0.0509
180 minute summer	J32	32.006	S13	3.3	0.753	0.246	0.0232
180 minute summer	J33	32.008	S14	4.4	0.889	0.125	0.0461
180 minute summer	J34	32.010	J35	5.6	0.864	0.145	0.0590
180 minute summer	J35	32.011	J36	5.9	0.842	0.066	0.0490
180 minute summer	J36	32.012	S15	6.4	0.892	0.214	0.0174
180 minute summer	J37	32.014	S16	7.3	1.011	0.239	0.0383
180 minute summer	J38	32.016	J39	8.0	0.591	0.264	0.1460
180 minute summer	J39	32.017	J40	8.4	0.683	0.272	0.0449
180 minute summer	J40	32.018	S10	8.7	0.823	0.202	0.1013
180 minute summer	J41	48.002	J42	0.7	0.428	0.118	0.0102

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J42	104	184.566	0.029	1.1	0.0329	0.0000	OK
180 minute summer	J43	100	184.405	0.045	2.0	0.0504	0.0000	OK
180 minute summer	J44	100	184.393	0.043	2.4	0.0486	0.0000	OK
180 minute summer	J45	100	184.356	0.056	2.8	0.0633	0.0000	OK
180 minute summer	J46	100	184.333	0.061	3.7	0.0688	0.0000	OK
180 minute summer	J47	100	184.311	0.063	4.1	0.0707	0.0000	OK
180 minute summer	J48	104	184.224	0.070	5.1	0.0794	0.0000	OK
180 minute summer	J49	104	184.211	0.082	5.4	0.0928	0.0000	OK
180 minute summer	J50	104	184.204	0.079	5.8	0.0892	0.0000	OK
180 minute summer	J51	104	184.192	0.084	6.1	0.0953	0.0000	OK
180 minute summer	J52	104	184.183	0.079	6.7	0.0897	0.0000	OK
180 minute summer	J53	104	184.164	0.076	7.0	0.0865	0.0000	OK
180 minute summer	J54	100	185.007	0.028	0.9	0.0313	0.0000	OK
180 minute summer	J55	100	184.977	0.033	1.3	0.0368	0.0000	OK
180 minute summer	J56	100	184.062	0.095	10.0	0.1071	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J42	48.003	S21	1.1	0.478	0.182	0.0187
180 minute summer	J43	48.005	J44	2.0	0.469	0.143	0.0069
180 minute summer	J44	48.006	J45	2.4	0.469	0.178	0.0445
180 minute summer	J45	48.007	S22	2.7	0.433	0.202	0.0151
180 minute summer	J46	48.009	J47	3.7	0.548	0.280	0.0287
180 minute summer	J47	48.010	S23	4.0	0.623	0.304	0.0172
180 minute summer	J48	48.012	J49	5.1	0.431	0.170	0.0880
180 minute summer	J49	48.013	J50	5.5	0.429	0.178	0.0145
180 minute summer	J50	48.014	J51	5.8	0.449	0.195	0.0658
180 minute summer	J51	48.015	J52	6.1	0.472	0.201	0.0148
180 minute summer	J52	48.016	J53	6.7	0.546	0.218	0.0594
180 minute summer	J53	48.017	S24	7.0	0.636	0.231	0.1125
180 minute summer	J54	65.002	J55	0.9	0.449	0.150	0.0072
180 minute summer	J55	65.003	S24	1.3	0.587	0.215	0.0169
180 minute summer	J56	48.019	J57	9.9	0.522	0.183	0.1731

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Results for 2 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J57	100	184.040	0.095	10.3	0.1071	0.0000	OK
180 minute summer	BASIN 1	184	185.394	0.394	14.4	46.1945	0.0000	SURCHARGED
180 minute summer	BASIN 2	420	184.446	0.146	0.9	13.1162	0.0000	OK
180 minute summer	BASIN 3	204	183.145	0.045	9.8	31.0113	0.0000	OK
180 minute summer	BASIN 4	204	183.583	0.253	10.2	33.1182	0.0000	OK
180 minute summer	SWALE 1	188	184.959	0.027	0.9	0.0302	0.0000	OK
180 minute summer	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWALE 3	100	184.147	0.077	9.7	0.0871	0.0000	OK
180 minute summer	BH1	420	184.446	0.369	0.7	1.8730	0.0000	OK
180 minute summer	BH2	216	183.145	0.093	1.8	2.0664	0.0000	OK
180 minute summer	BH3	208	183.583	0.277	2.5	2.8986	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J57	48.020	S25	10.2	0.561	0.190	0.1446
180 minute summer	BASIN 1	1.023	S5	0.9	0.148	0.017	0.6013
180 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
180 minute summer	BASIN 2	71.000	BH1	0.7	0.445	0.125	0.1829
180 minute summer	BASIN 3	1.034	BH2	1.8	0.365	0.021	0.3849
180 minute summer	BASIN 4	48.022	BH3	2.5	0.463	0.047	0.6699
180 minute summer	SWALE 1	1.025	S6	0.9	0.283	0.016	0.1168
180 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
180 minute summer	SWALE 3	1.033	BASIN 3	9.8	0.705	0.142	0.6019
180 minute summer	BH1	Infiltration		0.1			
180 minute summer	BH2	Infiltration		0.2			
180 minute summer	BH3	Infiltration		0.2			

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S1	92	188.385	0.015	0.4	0.0198	0.0000	OK
180 minute winter	S2	104	187.109	0.070	5.5	0.1024	0.0000	OK
180 minute winter	S3	104	186.287	0.075	8.0	0.0970	0.0000	OK
180 minute winter	S4	188	185.461	0.083	13.0	0.0988	0.0000	OK
180 minute winter	S5	188	185.461	0.481	1.0	0.5443	0.0000	SURCHARGED
180 minute winter	S6	192	184.872	0.028	1.0	0.0319	0.0000	OK
180 minute winter	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
180 minute winter	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
180 minute winter	S9	104	184.231	0.031	0.0	0.0352	0.0000	OK
180 minute winter	S10	104	184.231	0.047	8.5	0.0720	0.0000	OK
180 minute winter	S11	100	186.427	0.027	0.9	0.0447	0.0000	OK
180 minute winter	S12	100	186.216	0.039	1.8	0.0446	0.0000	OK
180 minute winter	S13	104	186.068	0.034	3.5	0.0484	0.0000	OK
180 minute winter	S14	104	185.308	0.058	4.7	0.0904	0.0000	OK
180 minute winter	S15	104	184.906	0.039	6.0	0.0542	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	S1	1.000	J1	0.4	0.374	0.046	0.0092
180 minute winter	S2	1.012	J12	5.5	0.585	0.186	0.0142
180 minute winter	S3	1.019	J18	8.0	0.916	0.260	0.0450
180 minute winter	S4	1.022	BASIN 1	12.9	1.373	0.077	0.7219
180 minute winter	S5	1.024	SWALE 1	1.0	0.292	0.018	0.0660
180 minute winter	S6	1.026	BASIN 2	1.0	0.338	0.017	0.0162
180 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
180 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0231
180 minute winter	S9	1.031	S10	0.0	-0.034	-0.001	0.0365
180 minute winter	S10	1.032	SWALE 3	8.5	0.861	0.047	0.0433
180 minute winter	S11	32.000	J28	0.9	0.483	0.151	0.0085
180 minute winter	S12	32.003	J30	1.8	0.454	0.135	0.0202
180 minute winter	S13	32.007	J33	3.5	1.168	0.107	0.0386
180 minute winter	S14	32.009	J34	4.7	0.795	0.271	0.0310
180 minute winter	S15	32.013	J37	6.0	0.853	0.065	0.0670

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S16	104	184.590	0.033	6.7	0.0419	0.0000	OK
180 minute winter	S17	120	186.012	0.012	0.2	0.0140	0.0000	OK
180 minute winter	S18	104	185.707	0.046	2.1	0.0644	0.0000	OK
180 minute winter	S19	96	185.548	0.056	3.8	0.0774	0.0000	OK
180 minute winter	S20	108	184.665	0.023	0.6	0.0281	0.0000	OK
180 minute winter	S21	104	184.494	0.035	1.4	0.0418	0.0000	OK
180 minute winter	S22	104	184.344	0.058	3.1	0.0707	0.0000	OK
180 minute winter	S23	104	184.228	0.070	4.3	0.0823	0.0000	OK
180 minute winter	S24	104	184.070	0.093	8.9	0.1353	0.0000	OK
180 minute winter	S25	104	184.011	0.085	9.3	0.0958	0.0000	OK
180 minute winter	S26	104	185.392	0.014	0.4	0.0175	0.0000	OK
180 minute winter	FC1	100	188.385	0.135	0.4	0.1799	0.0000	SURCHARGED
180 minute winter	FC2	100	188.285	0.135	0.4	0.1802	0.0000	SURCHARGED
180 minute winter	FC3	108	188.461	0.261	0.6	0.3785	0.0000	SURCHARGED
180 minute winter	FC4	104	188.293	0.093	0.3	0.1198	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	S16	32.015	J38	6.7	0.875	0.045	0.0183
180 minute winter	S17	23.001	J20	0.2	0.275	0.033	0.0058
180 minute winter	S18	23.006	J24	2.1	0.460	0.150	0.0082
180 minute winter	S19	23.010	J27	3.8	0.468	0.126	0.0716
180 minute winter	S20	48.001	J41	0.6	0.483	0.108	0.0062
180 minute winter	S21	48.004	J43	1.4	0.603	0.243	0.0122
180 minute winter	S22	48.008	J46	3.1	0.503	0.234	0.0152
180 minute winter	S23	48.011	J48	4.3	0.425	0.139	0.0113
180 minute winter	S24	48.018	J56	8.9	0.489	0.166	0.0771
180 minute winter	S25	48.021	BASIN 4	9.3	0.635	0.169	0.0469
180 minute winter	S26	65.001	J54	0.4	0.554	0.044	0.0059
180 minute winter	FC1	2.000	J1	0.3	0.315	0.056	0.0056
180 minute winter	FC2	3.000	J2	0.3	0.208	0.059	0.0083
180 minute winter	FC3	4.000	J3	0.5	0.479	0.078	0.0097
180 minute winter	FC4	5.000	J4	0.3	0.458	0.037	0.0046

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC5	100	188.136	0.136	0.4	0.1807	0.0000	SURCHARGED
180 minute winter	FC6	104	187.942	0.092	0.3	0.1189	0.0000	OK
180 minute winter	FC7	104	187.843	0.093	0.3	0.1203	0.0000	OK
180 minute winter	FC8	100	187.883	0.133	0.4	0.1769	0.0000	SURCHARGED
180 minute winter	FC9	104	187.564	0.094	0.3	0.1217	0.0000	OK
180 minute winter	FC10	108	187.681	0.211	0.5	0.2976	0.0000	SURCHARGED
180 minute winter	FC11	108	187.418	0.098	0.3	0.1291	0.0000	OK
180 minute winter	FC12	108	187.329	0.098	0.3	0.1291	0.0000	OK
180 minute winter	FC13	100	187.136	0.136	0.4	0.1805	0.0000	SURCHARGED
180 minute winter	FC14	116	186.955	0.055	0.4	0.7029	0.0000	OK
180 minute winter	FC15	104	187.291	0.091	0.3	0.1176	0.0000	OK
180 minute winter	FC16	104	186.994	0.094	0.3	0.1210	0.0000	OK
180 minute winter	FC17	104	187.091	0.091	0.3	0.1176	0.0000	OK
180 minute winter	FC18	104	186.644	0.094	0.3	0.1218	0.0000	OK
180 minute winter	FC19	100	186.536	0.136	0.4	0.1806	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC5	6.000	J5	0.3	0.407	0.059	0.0036
180 minute winter	FC6	7.000	J6	0.3	0.503	0.033	0.0041
180 minute winter	FC7	8.000	J7	0.3	0.438	0.040	0.0047
180 minute winter	FC8	9.000	J8	0.4	0.576	0.036	0.0025
180 minute winter	FC9	10.000	J9	0.3	0.387	0.048	0.0053
180 minute winter	FC10	11.000	J10	0.4	0.474	0.067	0.0058
180 minute winter	FC11	12.000	J11	0.3	0.388	0.049	0.0058
180 minute winter	FC12	13.000	S2	0.3	0.388	0.049	0.0052
180 minute winter	FC13	14.000	J12	0.3	0.410	0.059	0.0058
180 minute winter	FC14	15.000	J13	0.2	0.352	0.035	0.0044
180 minute winter	FC15	16.000	J14	0.3	0.816	0.016	0.0016
180 minute winter	FC16	17.000	J15	0.3	0.410	0.044	0.0053
180 minute winter	FC17	18.000	J16	0.3	0.649	0.023	0.0021
180 minute winter	FC18	19.000	J17	0.3	0.385	0.048	0.0052
180 minute winter	FC19	20.000	S3	0.3	0.408	0.059	0.0057

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC20	100	187.082	0.132	0.4	0.1753	0.0000	SURCHARGED
180 minute winter	FC21	100	186.436	0.136	0.4	0.1806	0.0000	SURCHARGED
180 minute winter	FC22	120	186.498	0.048	0.3	0.4648	0.0000	OK
180 minute winter	FC23	104	186.394	0.094	0.3	0.1213	0.0000	OK
180 minute winter	FC24	100	186.434	0.134	0.4	0.1787	0.0000	SURCHARGED
180 minute winter	FC25	100	186.682	0.132	0.4	0.1753	0.0000	SURCHARGED
180 minute winter	FC26	120	186.497	0.047	0.3	0.4764	0.0000	OK
180 minute winter	FC27	104	186.591	0.091	0.3	0.1176	0.0000	OK
180 minute winter	FC28	100	186.632	0.132	0.4	0.1753	0.0000	SURCHARGED
180 minute winter	FC29	104	186.645	0.145	0.4	0.1959	0.0000	SURCHARGED
180 minute winter	FC30	100	186.882	0.132	0.4	0.1753	0.0000	SURCHARGED
180 minute winter	FC31	104	186.542	0.092	0.3	0.1185	0.0000	OK
180 minute winter	FC32	104	186.541	0.091	0.3	0.1176	0.0000	OK
180 minute winter	FC33	100	186.582	0.132	0.4	0.1754	0.0000	SURCHARGED
180 minute winter	FC34	100	186.586	0.135	0.4	0.1803	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC20	21.000	J18	0.4	0.819	0.022	0.0019
180 minute winter	FC21	22.000	J19	0.3	0.409	0.059	0.0065
180 minute winter	FC22	23.000	S17	0.2	0.490	0.010	0.0019
180 minute winter	FC23	24.000	J20	0.3	0.401	0.045	0.0032
180 minute winter	FC24	25.000	J21	0.3	0.478	0.047	0.0034
180 minute winter	FC25	26.000	J22	0.4	0.812	0.022	0.0020
180 minute winter	FC26	27.000	J23	0.2	0.601	0.014	0.0015
180 minute winter	FC27	28.000	J24	0.3	0.843	0.016	0.0015
180 minute winter	FC28	29.000	J25	0.4	0.817	0.022	0.0019
180 minute winter	FC29	30.000	J26	0.4	0.807	0.024	0.0022
180 minute winter	FC30	31.000	J27	0.4	0.764	0.024	0.0020
180 minute winter	FC31	33.000	J28	0.3	0.245	0.032	0.0055
180 minute winter	FC32	34.000	J29	0.3	0.215	0.023	0.0061
180 minute winter	FC33	35.000	S12	0.4	0.751	0.025	0.0019
180 minute winter	FC34	36.000	J30	0.3	0.420	0.057	0.0040

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC35	100	186.582	0.132	0.4	0.1753	0.0000	SURCHARGED
180 minute winter	FC36	104	186.595	0.145	0.4	0.1959	0.0000	SURCHARGED
180 minute winter	FC37	104	185.995	0.195	0.5	0.2715	0.0000	SURCHARGED
180 minute winter	FC38	120	185.494	0.044	0.3	0.5267	0.0000	OK
180 minute winter	FC39	104	185.541	0.091	0.3	0.1176	0.0000	OK
180 minute winter	FC40	100	185.632	0.132	0.4	0.1753	0.0000	SURCHARGED
180 minute winter	FC41	100	184.983	0.133	0.4	0.1764	0.0000	SURCHARGED
180 minute winter	FC42	100	184.733	0.133	0.4	0.1776	0.0000	SURCHARGED
180 minute winter	FC43	100	184.732	0.132	0.4	0.1763	0.0000	SURCHARGED
180 minute winter	FC44	92	184.612	0.012	0.3	0.0149	0.0000	OK
180 minute winter	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
180 minute winter	FC46	108	184.912	0.211	0.5	0.2984	0.0000	SURCHARGED
180 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute winter	FC48	100	184.932	0.132	0.4	0.1753	0.0000	SURCHARGED
180 minute winter	FC49	100	184.936	0.136	0.4	0.1807	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC35	37.000	J31	0.4	0.756	0.025	0.0024
180 minute winter	FC36	38.000	J32	0.4	0.823	0.023	0.0023
180 minute winter	FC37	39.000	J33	0.4	0.576	0.048	0.0049
180 minute winter	FC38	40.000	J34	0.2	0.569	0.015	0.0015
180 minute winter	FC39	41.000	J35	0.3	0.716	0.020	0.0018
180 minute winter	FC40	42.000	J36	0.4	0.929	0.018	0.0019
180 minute winter	FC41	43.000	J37	0.4	0.609	0.033	0.0029
180 minute winter	FC42	44.000	J38	0.3	0.531	0.041	0.0033
180 minute winter	FC43	45.000	J39	0.4	0.620	0.032	0.0024
180 minute winter	FC44	46.000	J40	0.3	0.609	0.027	0.0022
180 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
180 minute winter	FC46	48.000	S20	0.4	0.397	0.075	0.0071
180 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0035
180 minute winter	FC48	50.000	J42	0.4	0.426	0.025	0.0056
180 minute winter	FC49	51.000	S21	0.3	0.407	0.059	0.0037

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC50	100	184.936	0.136	0.4	0.1807	0.0000	SURCHARGED
180 minute winter	FC51	100	184.986	0.136	0.4	0.1806	0.0000	SURCHARGED
180 minute winter	FC52	108	185.404	0.154	0.4	0.2110	0.0000	SURCHARGED
180 minute winter	FC53	100	185.383	0.133	0.4	0.1772	0.0000	SURCHARGED
180 minute winter	FC54	104	185.341	0.091	0.3	0.1179	0.0000	OK
180 minute winter	FC55	104	185.341	0.091	0.3	0.1176	0.0000	OK
180 minute winter	FC56	100	185.482	0.132	0.4	0.1753	0.0000	SURCHARGED
180 minute winter	FC57	100	185.482	0.132	0.4	0.1753	0.0000	SURCHARGED
180 minute winter	FC58	104	185.441	0.091	0.3	0.1176	0.0000	OK
180 minute winter	FC59	104	185.441	0.091	0.3	0.1176	0.0000	OK
180 minute winter	FC60	100	185.482	0.132	0.4	0.1758	0.0000	SURCHARGED
180 minute winter	FC61	100	185.433	0.133	0.4	0.1775	0.0000	SURCHARGED
180 minute winter	FC62	108	185.492	0.242	0.6	0.3462	0.0000	SURCHARGED
180 minute winter	FC63	104	185.495	0.095	0.3	0.1222	0.0000	OK
180 minute winter	FC64	100	185.136	0.135	0.4	0.1803	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC50	52.000	J43	0.3	0.407	0.059	0.0040
180 minute winter	FC51	55.000	S22	0.3	0.409	0.059	0.0053
180 minute winter	FC52	58.000	S23	0.4	0.606	0.038	0.0034
180 minute winter	FC53	61.000	J50	0.4	0.558	0.038	0.0027
180 minute winter	FC54	62.000	J51	0.3	0.582	0.026	0.0020
180 minute winter	FC55	64.000	J53	0.3	0.732	0.019	0.0016
180 minute winter	FC56	53.000	J44	0.4	0.802	0.023	0.0029
180 minute winter	FC57	54.000	J45	0.4	0.753	0.025	0.0030
180 minute winter	FC58	56.000	J46	0.3	0.681	0.021	0.0026
180 minute winter	FC59	57.000	J47	0.3	0.632	0.024	0.0029
180 minute winter	FC60	59.000	J48	0.4	0.664	0.030	0.0035
180 minute winter	FC61	60.000	J49	0.4	0.534	0.041	0.0048
180 minute winter	FC62	63.000	J52	0.5	0.539	0.063	0.0083
180 minute winter	FC63	65.000	S26	0.3	0.386	0.048	0.0018
180 minute winter	FC64	66.000	J54	0.3	0.319	0.059	0.0026

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC65	100	185.282	0.132	0.4	0.1753	0.0000	SURCHARGED
180 minute winter	FC66	100	185.135	0.135	0.4	0.1794	0.0000	SURCHARGED
180 minute winter	FC67	120	184.847	0.047	0.3	0.4896	0.0000	OK
180 minute winter	FC68	104	184.642	0.092	0.3	0.1190	0.0000	OK
180 minute winter	J1	104	188.225	0.025	1.1	0.0341	0.0000	OK
180 minute winter	J2	104	188.145	0.039	1.5	0.0440	0.0000	OK
180 minute winter	J3	104	188.086	0.040	2.0	0.0450	0.0000	OK
180 minute winter	J4	104	188.063	0.028	2.3	0.0320	0.0000	OK
180 minute winter	J5	104	187.937	0.027	2.6	0.0302	0.0000	OK
180 minute winter	J6	104	187.688	0.038	2.9	0.0425	0.0000	OK
180 minute winter	J7	104	187.650	0.050	3.2	0.0564	0.0000	OK
180 minute winter	J8	104	187.629	0.036	3.5	0.0409	0.0000	OK
180 minute winter	J9	104	187.326	0.051	3.8	0.0572	0.0000	OK
180 minute winter	J10	104	187.299	0.029	4.2	0.0329	0.0000	OK
180 minute winter	J11	104	187.163	0.042	4.6	0.0475	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC65	67.000	J55	0.4	0.489	0.019	0.0026
180 minute winter	FC66	68.000	S24	0.3	0.459	0.049	0.0016
180 minute winter	FC67	69.000	J56	0.2	0.335	0.032	0.0012
180 minute winter	FC68	70.000	J57	0.3	0.507	0.032	0.0013
180 minute winter	J1	1.001	J2	1.2	0.533	0.139	0.0110
180 minute winter	J2	1.002	J3	1.5	0.579	0.254	0.0027
180 minute winter	J3	1.003	J4	2.0	0.667	0.150	0.0059
180 minute winter	J4	1.004	J5	2.3	1.034	0.068	0.0078
180 minute winter	J5	1.005	J6	2.6	0.953	0.069	0.0158
180 minute winter	J6	1.006	J7	2.9	0.684	0.103	0.0084
180 minute winter	J7	1.007	J8	3.2	0.768	0.229	0.0047
180 minute winter	J8	1.008	J9	3.5	1.119	0.117	0.0268
180 minute winter	J9	1.009	J10	3.8	0.808	0.114	0.0058
180 minute winter	J10	1.010	J11	4.3	1.065	0.033	0.0099
180 minute winter	J11	1.011	S2	4.6	0.595	0.071	0.0417

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J12	104	186.855	0.046	5.9	0.0517	0.0000	OK
180 minute winter	J13	104	186.784	0.082	6.1	0.0922	0.0000	OK
180 minute winter	J14	104	186.773	0.078	6.4	0.0885	0.0000	OK
180 minute winter	J15	104	186.759	0.071	6.6	0.0804	0.0000	OK
180 minute winter	J16	104	186.728	0.058	6.9	0.0652	0.0000	OK
180 minute winter	J17	104	186.395	0.037	7.2	0.0417	0.0000	OK
180 minute winter	J18	104	186.242	0.047	8.3	0.0537	0.0000	OK
180 minute winter	J19	104	186.109	0.082	8.7	0.0924	0.0000	OK
180 minute winter	J20	108	185.950	0.019	0.5	0.0219	0.0000	OK
180 minute winter	J21	104	185.920	0.025	0.8	0.0284	0.0000	OK
180 minute winter	J22	104	185.850	0.032	1.2	0.0363	0.0000	OK
180 minute winter	J23	104	185.817	0.034	1.4	0.0381	0.0000	OK
180 minute winter	J24	104	185.695	0.045	2.3	0.0508	0.0000	OK
180 minute winter	J25	104	185.665	0.050	2.7	0.0561	0.0000	OK
180 minute winter	J26	104	185.640	0.053	3.1	0.0595	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J12	1.013	J13	5.9	0.640	0.088	0.0606
180 minute winter	J13	1.014	J14	6.1	0.482	0.194	0.0239
180 minute winter	J14	1.015	J15	6.4	0.554	0.204	0.0220
180 minute winter	J15	1.016	J16	6.6	0.710	0.217	0.0481
180 minute winter	J16	1.017	J17	6.9	0.937	0.115	0.0249
180 minute winter	J17	1.018	S3	7.2	0.943	0.050	0.0148
180 minute winter	J18	1.020	J19	8.3	1.575	0.064	0.0079
180 minute winter	J19	1.021	S4	8.7	0.621	0.157	0.0613
180 minute winter	J20	23.002	J21	0.5	0.366	0.080	0.0049
180 minute winter	J21	23.003	J22	0.8	0.444	0.138	0.0148
180 minute winter	J22	23.004	J23	1.2	0.522	0.196	0.0080
180 minute winter	J23	23.005	S18	1.4	0.599	0.229	0.0170
180 minute winter	J24	23.007	J25	2.3	0.492	0.175	0.0294
180 minute winter	J25	23.008	J26	2.7	0.507	0.202	0.0263
180 minute winter	J26	23.009	S19	3.1	0.584	0.229	0.0194

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J27	104	185.520	0.059	4.1	0.0669	0.0000	OK
180 minute winter	J28	100	186.387	0.031	1.2	0.0347	0.0000	OK
180 minute winter	J29	100	186.307	0.036	1.5	0.0403	0.0000	OK
180 minute winter	J30	100	186.191	0.044	2.2	0.0494	0.0000	OK
180 minute winter	J31	100	186.165	0.045	2.5	0.0514	0.0000	OK
180 minute winter	J32	104	186.113	0.049	2.9	0.0549	0.0000	OK
180 minute winter	J33	104	185.644	0.034	3.9	0.0380	0.0000	OK
180 minute winter	J34	104	185.181	0.056	4.9	0.0634	0.0000	OK
180 minute winter	J35	104	185.112	0.037	5.2	0.0415	0.0000	OK
180 minute winter	J36	104	184.935	0.060	5.5	0.0681	0.0000	OK
180 minute winter	J37	104	184.642	0.067	6.4	0.0752	0.0000	OK
180 minute winter	J38	104	184.453	0.078	7.0	0.0884	0.0000	OK
180 minute winter	J39	104	184.416	0.078	7.4	0.0886	0.0000	OK
180 minute winter	J40	104	184.393	0.068	7.7	0.0766	0.0000	OK
180 minute winter	J41	108	184.620	0.022	0.6	0.0254	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J27	23.011	S4	4.1	0.542	0.137	0.0181
180 minute winter	J28	32.001	J29	1.2	0.521	0.199	0.0200
180 minute winter	J29	32.002	S12	1.5	0.605	0.245	0.0112
180 minute winter	J30	32.004	J31	2.1	0.490	0.162	0.0218
180 minute winter	J31	32.005	J32	2.5	0.529	0.188	0.0459
180 minute winter	J32	32.006	S13	2.9	0.726	0.215	0.0210
180 minute winter	J33	32.008	S14	3.9	0.862	0.109	0.0416
180 minute winter	J34	32.010	J35	4.9	0.829	0.126	0.0537
180 minute winter	J35	32.011	J36	5.2	0.825	0.058	0.0437
180 minute winter	J36	32.012	S15	5.5	0.854	0.184	0.0155
180 minute winter	J37	32.014	S16	6.4	0.977	0.209	0.0348
180 minute winter	J38	32.016	J39	7.0	0.572	0.232	0.1326
180 minute winter	J39	32.017	J40	7.4	0.661	0.239	0.0408
180 minute winter	J40	32.018	S10	7.7	0.795	0.178	0.0922
180 minute winter	J41	48.002	J42	0.6	0.420	0.109	0.0096

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J42	104	184.565	0.028	1.0	0.0314	0.0000	OK
180 minute winter	J43	104	184.402	0.042	1.8	0.0473	0.0000	OK
180 minute winter	J44	104	184.391	0.041	2.1	0.0459	0.0000	OK
180 minute winter	J45	104	184.353	0.053	2.5	0.0596	0.0000	OK
180 minute winter	J46	104	184.330	0.058	3.4	0.0653	0.0000	OK
180 minute winter	J47	104	184.308	0.060	3.7	0.0673	0.0000	OK
180 minute winter	J48	104	184.220	0.066	4.6	0.0749	0.0000	OK
180 minute winter	J49	104	184.207	0.078	5.0	0.0878	0.0000	OK
180 minute winter	J50	104	184.200	0.075	5.3	0.0844	0.0000	OK
180 minute winter	J51	104	184.188	0.080	5.6	0.0904	0.0000	OK
180 minute winter	J52	104	184.179	0.075	6.1	0.0852	0.0000	OK
180 minute winter	J53	104	184.160	0.073	6.4	0.0823	0.0000	OK
180 minute winter	J54	104	185.004	0.025	0.7	0.0281	0.0000	OK
180 minute winter	J55	104	184.974	0.030	1.1	0.0338	0.0000	OK
180 minute winter	J56	104	184.057	0.090	9.1	0.1016	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J42	48.003	S21	1.0	0.468	0.168	0.0173
180 minute winter	J43	48.005	J44	1.8	0.456	0.128	0.0063
180 minute winter	J44	48.006	J45	2.1	0.460	0.160	0.0411
180 minute winter	J45	48.007	S22	2.5	0.430	0.184	0.0140
180 minute winter	J46	48.009	J47	3.4	0.538	0.257	0.0269
180 minute winter	J47	48.010	S23	3.7	0.609	0.278	0.0161
180 minute winter	J48	48.012	J49	4.6	0.424	0.155	0.0814
180 minute winter	J49	48.013	J50	5.0	0.421	0.162	0.0134
180 minute winter	J50	48.014	J51	5.3	0.441	0.178	0.0612
180 minute winter	J51	48.015	J52	5.6	0.462	0.183	0.0138
180 minute winter	J52	48.016	J53	6.1	0.535	0.199	0.0554
180 minute winter	J53	48.017	S24	6.3	0.621	0.210	0.1050
180 minute winter	J54	65.002	J55	0.7	0.422	0.124	0.0063
180 minute winter	J55	65.003	S24	1.1	0.564	0.184	0.0151
180 minute winter	J56	48.019	J57	9.0	0.510	0.167	0.1611

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Results for 2 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J57	104	184.035	0.090	9.3	0.1018	0.0000	OK
180 minute winter	BASIN 1	188	185.461	0.461	12.9	54.8804	0.0000	SURCHARGED
180 minute winter	BASIN 2	420	184.464	0.163	1.1	14.7363	0.0000	OK
180 minute winter	BASIN 3	208	183.153	0.053	8.4	36.9609	0.0000	OK
180 minute winter	BASIN 4	208	183.629	0.299	9.3	39.5516	0.0000	OK
180 minute winter	SWALE 1	192	184.960	0.028	1.0	0.0313	0.0000	OK
180 minute winter	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
180 minute winter	SWALE 3	104	184.141	0.071	8.5	0.0807	0.0000	OK
180 minute winter	BH1	420	184.463	0.386	0.8	1.9229	0.0000	OK
180 minute winter	BH2	204	183.153	0.101	1.9	2.1097	0.0000	OK
180 minute winter	BH3	212	183.629	0.323	2.2	3.1151	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J57	48.020	S25	9.3	0.547	0.173	0.1349
180 minute winter	BASIN 1	1.023	S5	1.0	0.174	0.018	0.6013
180 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
180 minute winter	BASIN 2	71.000	BH1	0.8	0.440	0.129	0.1829
180 minute winter	BASIN 3	1.034	BH2	1.9	0.343	0.023	0.4527
180 minute winter	BASIN 4	48.022	BH3	2.2	0.471	0.042	0.7178
180 minute winter	SWALE 1	1.025	S6	1.0	0.290	0.018	0.1235
180 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
180 minute winter	SWALE 3	1.033	BASIN 3	8.4	0.676	0.122	0.5395
180 minute winter	BH1	Infiltration		0.1			
180 minute winter	BH2	Infiltration		0.2			
180 minute winter	BH3	Infiltration		0.2			

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S1	124	188.386	0.016	0.5	0.0218	0.0000	OK
240 minute summer	S2	128	187.109	0.070	5.6	0.1028	0.0000	OK
240 minute summer	S3	128	186.287	0.075	8.0	0.0969	0.0000	OK
240 minute summer	S4	128	185.434	0.056	12.9	0.0664	0.0000	OK
240 minute summer	S5	224	185.404	0.424	0.9	0.4799	0.0000	SURCHARGED
240 minute summer	S6	228	184.871	0.027	0.9	0.0310	0.0000	OK
240 minute summer	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
240 minute summer	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
240 minute summer	S9	128	184.232	0.032	0.0	0.0358	0.0000	OK
240 minute summer	S10	128	184.232	0.048	8.6	0.0727	0.0000	OK
240 minute summer	S11	128	186.429	0.029	1.0	0.0473	0.0000	OK
240 minute summer	S12	128	186.216	0.040	1.9	0.0454	0.0000	OK
240 minute summer	S13	128	186.069	0.035	3.6	0.0491	0.0000	OK
240 minute summer	S14	128	185.309	0.059	4.8	0.0920	0.0000	OK
240 minute summer	S15	128	184.906	0.039	6.2	0.0549	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	S1	1.000	J1	0.5	0.402	0.056	0.0101
240 minute summer	S2	1.012	J12	5.6	0.586	0.187	0.0142
240 minute summer	S3	1.019	J18	7.9	0.917	0.260	0.0450
240 minute summer	S4	1.022	BASIN 1	12.9	0.920	0.077	0.6501
240 minute summer	S5	1.024	SWALE 1	0.9	0.287	0.017	0.0630
240 minute summer	S6	1.026	BASIN 2	0.9	0.333	0.016	0.0154
240 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
240 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0237
240 minute summer	S9	1.031	S10	0.0	-0.019	-0.001	0.0371
240 minute summer	S10	1.032	SWALE 3	8.6	0.865	0.048	0.0439
240 minute summer	S11	32.000	J28	1.0	0.500	0.168	0.0091
240 minute summer	S12	32.003	J30	1.9	0.460	0.139	0.0206
240 minute summer	S13	32.007	J33	3.6	1.181	0.110	0.0391
240 minute summer	S14	32.009	J34	4.8	0.801	0.279	0.0317
240 minute summer	S15	32.013	J37	6.2	0.862	0.067	0.0680

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S16	128	184.591	0.034	6.8	0.0424	0.0000	OK
240 minute summer	S17	144	186.012	0.012	0.2	0.0136	0.0000	OK
240 minute summer	S18	128	185.706	0.045	2.0	0.0638	0.0000	OK
240 minute summer	S19	128	185.548	0.057	3.8	0.0776	0.0000	OK
240 minute summer	S20	132	184.665	0.023	0.6	0.0279	0.0000	OK
240 minute summer	S21	128	184.495	0.036	1.5	0.0421	0.0000	OK
240 minute summer	S22	132	184.343	0.057	3.1	0.0697	0.0000	OK
240 minute summer	S23	132	184.227	0.069	4.2	0.0817	0.0000	OK
240 minute summer	S24	132	184.069	0.092	8.7	0.1342	0.0000	OK
240 minute summer	S25	132	184.010	0.084	9.2	0.0953	0.0000	OK
240 minute summer	S26	128	185.393	0.016	0.5	0.0193	0.0000	OK
240 minute summer	FC1	132	188.374	0.124	0.4	0.1649	0.0000	SURCHARGED
240 minute summer	FC2	132	188.274	0.124	0.4	0.1652	0.0000	SURCHARGED
240 minute summer	FC3	136	188.452	0.252	0.7	0.3650	0.0000	SURCHARGED
240 minute summer	FC4	132	188.289	0.089	0.3	0.1149	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	S16	32.015	J38	6.8	0.881	0.046	0.0185
240 minute summer	S17	23.001	J20	0.2	0.277	0.031	0.0056
240 minute summer	S18	23.006	J24	2.0	0.460	0.147	0.0081
240 minute summer	S19	23.010	J27	3.8	0.469	0.126	0.0719
240 minute summer	S20	48.001	J41	0.6	0.481	0.107	0.0061
240 minute summer	S21	48.004	J43	1.5	0.605	0.246	0.0123
240 minute summer	S22	48.008	J46	3.1	0.500	0.229	0.0149
240 minute summer	S23	48.011	J48	4.2	0.425	0.138	0.0112
240 minute summer	S24	48.018	J56	8.8	0.487	0.164	0.0763
240 minute summer	S25	48.021	BASIN 4	9.2	0.633	0.167	0.0465
240 minute summer	S26	65.001	J54	0.5	0.586	0.053	0.0068
240 minute summer	FC1	2.000	J1	0.3	0.313	0.054	0.0057
240 minute summer	FC2	3.000	J2	0.3	0.204	0.056	0.0082
240 minute summer	FC3	4.000	J3	0.5	0.476	0.077	0.0096
240 minute summer	FC4	5.000	J4	0.3	0.455	0.037	0.0045

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC5	132	188.125	0.124	0.4	0.1657	0.0000	SURCHARGED
240 minute summer	FC6	132	187.938	0.088	0.3	0.1141	0.0000	OK
240 minute summer	FC7	132	187.839	0.089	0.3	0.1153	0.0000	OK
240 minute summer	FC8	132	187.872	0.122	0.4	0.1621	0.0000	SURCHARGED
240 minute summer	FC9	132	187.560	0.090	0.3	0.1166	0.0000	OK
240 minute summer	FC10	136	187.678	0.208	0.6	0.2933	0.0000	SURCHARGED
240 minute summer	FC11	132	187.445	0.125	0.4	0.1637	0.0000	SURCHARGED
240 minute summer	FC12	132	187.355	0.125	0.4	0.1638	0.0000	SURCHARGED
240 minute summer	FC13	132	187.124	0.124	0.4	0.1655	0.0000	SURCHARGED
240 minute summer	FC14	148	186.948	0.048	0.4	0.6120	0.0000	OK
240 minute summer	FC15	132	187.288	0.088	0.3	0.1131	0.0000	OK
240 minute summer	FC16	132	186.990	0.090	0.3	0.1160	0.0000	OK
240 minute summer	FC17	132	187.088	0.088	0.3	0.1131	0.0000	OK
240 minute summer	FC18	132	186.640	0.090	0.3	0.1167	0.0000	OK
240 minute summer	FC19	132	186.524	0.124	0.4	0.1656	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC5	6.000	J5	0.3	0.401	0.056	0.0034
240 minute summer	FC6	7.000	J6	0.3	0.500	0.032	0.0041
240 minute summer	FC7	8.000	J7	0.3	0.434	0.039	0.0046
240 minute summer	FC8	9.000	J8	0.3	0.568	0.034	0.0025
240 minute summer	FC9	10.000	J9	0.3	0.384	0.046	0.0052
240 minute summer	FC10	11.000	J10	0.4	0.473	0.067	0.0058
240 minute summer	FC11	12.000	J11	0.3	0.404	0.057	0.0064
240 minute summer	FC12	13.000	S2	0.3	0.404	0.056	0.0057
240 minute summer	FC13	14.000	J12	0.3	0.404	0.056	0.0056
240 minute summer	FC14	15.000	J13	0.2	0.343	0.032	0.0042
240 minute summer	FC15	16.000	J14	0.3	0.811	0.016	0.0016
240 minute summer	FC16	17.000	J15	0.3	0.407	0.043	0.0052
240 minute summer	FC17	18.000	J16	0.3	0.645	0.022	0.0021
240 minute summer	FC18	19.000	J17	0.3	0.382	0.047	0.0051
240 minute summer	FC19	20.000	S3	0.3	0.402	0.056	0.0055

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC20	132	187.071	0.121	0.4	0.1607	0.0000	SURCHARGED
240 minute summer	FC21	132	186.424	0.124	0.4	0.1655	0.0000	SURCHARGED
240 minute summer	FC22	144	186.494	0.043	0.3	0.4227	0.0000	OK
240 minute summer	FC23	132	186.390	0.090	0.3	0.1163	0.0000	OK
240 minute summer	FC24	132	186.423	0.123	0.4	0.1638	0.0000	SURCHARGED
240 minute summer	FC25	132	186.671	0.121	0.4	0.1607	0.0000	SURCHARGED
240 minute summer	FC26	144	186.493	0.043	0.3	0.4321	0.0000	OK
240 minute summer	FC27	132	186.588	0.088	0.3	0.1131	0.0000	OK
240 minute summer	FC28	132	186.621	0.121	0.4	0.1607	0.0000	SURCHARGED
240 minute summer	FC29	132	186.648	0.148	0.5	0.1993	0.0000	SURCHARGED
240 minute summer	FC30	132	186.871	0.121	0.4	0.1607	0.0000	SURCHARGED
240 minute summer	FC31	132	186.538	0.088	0.3	0.1138	0.0000	OK
240 minute summer	FC32	132	186.538	0.088	0.3	0.1131	0.0000	OK
240 minute summer	FC33	132	186.571	0.121	0.4	0.1607	0.0000	SURCHARGED
240 minute summer	FC34	132	186.574	0.124	0.4	0.1653	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC20	21.000	J18	0.3	0.808	0.021	0.0018
240 minute summer	FC21	22.000	J19	0.3	0.403	0.056	0.0063
240 minute summer	FC22	23.000	S17	0.2	0.481	0.010	0.0018
240 minute summer	FC23	24.000	J20	0.3	0.398	0.044	0.0032
240 minute summer	FC24	25.000	J21	0.3	0.471	0.045	0.0033
240 minute summer	FC25	26.000	J22	0.3	0.801	0.021	0.0020
240 minute summer	FC26	27.000	J23	0.2	0.589	0.014	0.0014
240 minute summer	FC27	28.000	J24	0.3	0.838	0.015	0.0015
240 minute summer	FC28	29.000	J25	0.3	0.806	0.021	0.0018
240 minute summer	FC29	30.000	J26	0.4	0.809	0.024	0.0022
240 minute summer	FC30	31.000	J27	0.3	0.753	0.023	0.0020
240 minute summer	FC31	33.000	J28	0.3	0.252	0.031	0.0057
240 minute summer	FC32	34.000	J29	0.3	0.220	0.022	0.0063
240 minute summer	FC33	35.000	S12	0.3	0.741	0.024	0.0019
240 minute summer	FC34	36.000	J30	0.3	0.414	0.054	0.0038

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC35	132	186.571	0.121	0.4	0.1607	0.0000	SURCHARGED
240 minute summer	FC36	132	186.598	0.148	0.5	0.1993	0.0000	SURCHARGED
240 minute summer	FC37	132	185.978	0.178	0.5	0.2469	0.0000	SURCHARGED
240 minute summer	FC38	144	185.489	0.039	0.3	0.4723	0.0000	OK
240 minute summer	FC39	132	185.538	0.088	0.3	0.1131	0.0000	OK
240 minute summer	FC40	132	185.621	0.121	0.4	0.1607	0.0000	SURCHARGED
240 minute summer	FC41	132	184.971	0.121	0.4	0.1616	0.0000	SURCHARGED
240 minute summer	FC42	132	184.722	0.122	0.4	0.1627	0.0000	SURCHARGED
240 minute summer	FC43	132	184.721	0.121	0.4	0.1615	0.0000	SURCHARGED
240 minute summer	FC44	124	184.612	0.012	0.3	0.0149	0.0000	OK
240 minute summer	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	FC46	136	184.908	0.208	0.6	0.2940	0.0000	SURCHARGED
240 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute summer	FC48	132	184.921	0.121	0.4	0.1607	0.0000	SURCHARGED
240 minute summer	FC49	132	184.925	0.124	0.4	0.1657	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC35	37.000	J31	0.3	0.745	0.024	0.0023
240 minute summer	FC36	38.000	J32	0.4	0.825	0.024	0.0023
240 minute summer	FC37	39.000	J33	0.4	0.568	0.046	0.0047
240 minute summer	FC38	40.000	J34	0.2	0.556	0.014	0.0014
240 minute summer	FC39	41.000	J35	0.3	0.711	0.019	0.0017
240 minute summer	FC40	42.000	J36	0.3	0.917	0.017	0.0019
240 minute summer	FC41	43.000	J37	0.3	0.600	0.032	0.0028
240 minute summer	FC42	44.000	J38	0.3	0.524	0.039	0.0031
240 minute summer	FC43	45.000	J39	0.3	0.612	0.031	0.0024
240 minute summer	FC44	46.000	J40	0.3	0.609	0.027	0.0022
240 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
240 minute summer	FC46	48.000	S20	0.4	0.398	0.074	0.0070
240 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0034
240 minute summer	FC48	50.000	J42	0.3	0.327	0.024	0.0055
240 minute summer	FC49	51.000	S21	0.3	0.401	0.056	0.0036

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC50	132	184.925	0.124	0.4	0.1657	0.0000	SURCHARGED
240 minute summer	FC51	132	184.974	0.124	0.4	0.1656	0.0000	SURCHARGED
240 minute summer	FC52	132	185.423	0.173	0.5	0.2370	0.0000	SURCHARGED
240 minute summer	FC53	132	185.372	0.122	0.4	0.1623	0.0000	SURCHARGED
240 minute summer	FC54	132	185.338	0.088	0.3	0.1132	0.0000	OK
240 minute summer	FC55	132	185.338	0.088	0.3	0.1131	0.0000	OK
240 minute summer	FC56	132	185.471	0.121	0.4	0.1607	0.0000	SURCHARGED
240 minute summer	FC57	132	185.471	0.121	0.4	0.1607	0.0000	SURCHARGED
240 minute summer	FC58	132	185.438	0.088	0.3	0.1131	0.0000	OK
240 minute summer	FC59	132	185.438	0.088	0.3	0.1131	0.0000	OK
240 minute summer	FC60	132	185.471	0.121	0.4	0.1611	0.0000	SURCHARGED
240 minute summer	FC61	132	185.422	0.122	0.4	0.1626	0.0000	SURCHARGED
240 minute summer	FC62	132	185.482	0.232	0.6	0.3318	0.0000	SURCHARGED
240 minute summer	FC63	132	185.491	0.091	0.3	0.1171	0.0000	OK
240 minute summer	FC64	132	185.124	0.124	0.4	0.1653	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC50	52.000	J43	0.3	0.402	0.056	0.0039
240 minute summer	FC51	55.000	S22	0.3	0.403	0.056	0.0051
240 minute summer	FC52	58.000	S23	0.4	0.617	0.040	0.0036
240 minute summer	FC53	61.000	J50	0.3	0.551	0.036	0.0026
240 minute summer	FC54	62.000	J51	0.3	0.578	0.026	0.0019
240 minute summer	FC55	64.000	J53	0.3	0.728	0.019	0.0016
240 minute summer	FC56	53.000	J44	0.3	0.791	0.022	0.0028
240 minute summer	FC57	54.000	J45	0.3	0.743	0.024	0.0029
240 minute summer	FC58	56.000	J46	0.3	0.676	0.021	0.0026
240 minute summer	FC59	57.000	J47	0.3	0.627	0.023	0.0028
240 minute summer	FC60	59.000	J48	0.3	0.655	0.028	0.0034
240 minute summer	FC61	60.000	J49	0.3	0.527	0.039	0.0047
240 minute summer	FC62	63.000	J52	0.5	0.535	0.061	0.0082
240 minute summer	FC63	65.000	S26	0.3	0.379	0.047	0.0018
240 minute summer	FC64	66.000	J54	0.3	0.319	0.056	0.0026

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC65	132	185.271	0.121	0.4	0.1607	0.0000	SURCHARGED
240 minute summer	FC66	132	185.124	0.124	0.4	0.1644	0.0000	SURCHARGED
240 minute summer	FC67	144	184.843	0.043	0.3	0.4419	0.0000	OK
240 minute summer	FC68	132	184.638	0.088	0.3	0.1142	0.0000	OK
240 minute summer	J1	124	188.227	0.026	1.3	0.0358	0.0000	OK
240 minute summer	J2	124	188.146	0.040	1.6	0.0447	0.0000	OK
240 minute summer	J3	128	188.086	0.039	2.0	0.0447	0.0000	OK
240 minute summer	J4	128	188.063	0.028	2.2	0.0317	0.0000	OK
240 minute summer	J5	128	187.936	0.026	2.6	0.0299	0.0000	OK
240 minute summer	J6	128	187.687	0.037	2.8	0.0419	0.0000	OK
240 minute summer	J7	128	187.649	0.049	3.1	0.0555	0.0000	OK
240 minute summer	J8	132	187.629	0.036	3.4	0.0402	0.0000	OK
240 minute summer	J9	132	187.325	0.050	3.7	0.0563	0.0000	OK
240 minute summer	J10	132	187.299	0.029	4.2	0.0324	0.0000	OK
240 minute summer	J11	132	187.163	0.041	4.5	0.0469	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC65	67.000	J55	0.3	0.489	0.018	0.0026
240 minute summer	FC66	68.000	S24	0.3	0.453	0.046	0.0016
240 minute summer	FC67	69.000	J56	0.2	0.328	0.030	0.0011
240 minute summer	FC68	70.000	J57	0.3	0.503	0.031	0.0013
240 minute summer	J1	1.001	J2	1.3	0.563	0.153	0.0114
240 minute summer	J2	1.002	J3	1.5	0.582	0.260	0.0028
240 minute summer	J3	1.003	J4	2.0	0.666	0.148	0.0058
240 minute summer	J4	1.004	J5	2.2	1.031	0.067	0.0077
240 minute summer	J5	1.005	J6	2.6	0.949	0.067	0.0155
240 minute summer	J6	1.006	J7	2.8	0.682	0.100	0.0082
240 minute summer	J7	1.007	J8	3.1	0.764	0.223	0.0046
240 minute summer	J8	1.008	J9	3.4	1.110	0.114	0.0263
240 minute summer	J9	1.009	J10	3.7	0.804	0.111	0.0057
240 minute summer	J10	1.010	J11	4.2	1.061	0.032	0.0097
240 minute summer	J11	1.011	S2	4.5	0.590	0.070	0.0414

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J12	128	186.855	0.046	5.9	0.0519	0.0000	OK
240 minute summer	J13	128	186.783	0.081	6.1	0.0920	0.0000	OK
240 minute summer	J14	128	186.773	0.078	6.3	0.0882	0.0000	OK
240 minute summer	J15	128	186.759	0.071	6.6	0.0801	0.0000	OK
240 minute summer	J16	132	186.727	0.057	6.9	0.0649	0.0000	OK
240 minute summer	J17	132	186.395	0.037	7.1	0.0415	0.0000	OK
240 minute summer	J18	128	186.241	0.047	8.3	0.0535	0.0000	OK
240 minute summer	J19	128	186.108	0.081	8.6	0.0920	0.0000	OK
240 minute summer	J20	136	185.950	0.019	0.5	0.0214	0.0000	OK
240 minute summer	J21	136	185.920	0.025	0.8	0.0277	0.0000	OK
240 minute summer	J22	132	185.849	0.031	1.1	0.0352	0.0000	OK
240 minute summer	J23	136	185.816	0.033	1.3	0.0371	0.0000	OK
240 minute summer	J24	128	185.695	0.044	2.3	0.0503	0.0000	OK
240 minute summer	J25	128	185.664	0.049	2.6	0.0553	0.0000	OK
240 minute summer	J26	132	185.639	0.052	3.0	0.0588	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J12	1.013	J13	5.9	0.642	0.088	0.0606
240 minute summer	J13	1.014	J14	6.1	0.483	0.193	0.0238
240 minute summer	J14	1.015	J15	6.3	0.554	0.203	0.0219
240 minute summer	J15	1.016	J16	6.6	0.710	0.216	0.0478
240 minute summer	J16	1.017	J17	6.9	0.935	0.114	0.0247
240 minute summer	J17	1.018	S3	7.1	0.941	0.049	0.0148
240 minute summer	J18	1.020	J19	8.3	1.573	0.064	0.0078
240 minute summer	J19	1.021	S4	8.6	0.619	0.155	0.0610
240 minute summer	J20	23.002	J21	0.5	0.362	0.077	0.0047
240 minute summer	J21	23.003	J22	0.8	0.439	0.132	0.0143
240 minute summer	J22	23.004	J23	1.1	0.517	0.186	0.0077
240 minute summer	J23	23.005	S18	1.3	0.591	0.217	0.0163
240 minute summer	J24	23.007	J25	2.3	0.491	0.172	0.0289
240 minute summer	J25	23.008	J26	2.6	0.504	0.197	0.0258
240 minute summer	J26	23.009	S19	3.0	0.581	0.224	0.0190

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J27	128	185.520	0.059	4.1	0.0671	0.0000	OK
240 minute summer	J28	128	186.388	0.032	1.3	0.0361	0.0000	OK
240 minute summer	J29	128	186.308	0.037	1.5	0.0415	0.0000	OK
240 minute summer	J30	128	186.191	0.044	2.2	0.0498	0.0000	OK
240 minute summer	J31	128	186.165	0.046	2.5	0.0515	0.0000	OK
240 minute summer	J32	128	186.113	0.049	2.9	0.0550	0.0000	OK
240 minute summer	J33	128	185.644	0.034	3.9	0.0382	0.0000	OK
240 minute summer	J34	128	185.182	0.057	5.0	0.0641	0.0000	OK
240 minute summer	J35	128	185.112	0.037	5.3	0.0418	0.0000	OK
240 minute summer	J36	128	184.936	0.061	5.6	0.0685	0.0000	OK
240 minute summer	J37	128	184.642	0.067	6.5	0.0760	0.0000	OK
240 minute summer	J38	128	184.454	0.079	7.1	0.0890	0.0000	OK
240 minute summer	J39	128	184.417	0.079	7.4	0.0890	0.0000	OK
240 minute summer	J40	128	184.393	0.068	7.7	0.0769	0.0000	OK
240 minute summer	J41	132	184.619	0.022	0.6	0.0252	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J27	23.011	S4	4.1	0.542	0.138	0.0182
240 minute summer	J28	32.001	J29	1.3	0.534	0.214	0.0210
240 minute summer	J29	32.002	S12	1.5	0.613	0.259	0.0117
240 minute summer	J30	32.004	J31	2.2	0.494	0.164	0.0219
240 minute summer	J31	32.005	J32	2.5	0.529	0.188	0.0460
240 minute summer	J32	32.006	S13	2.9	0.726	0.215	0.0212
240 minute summer	J33	32.008	S14	3.9	0.860	0.111	0.0424
240 minute summer	J34	32.010	J35	5.0	0.836	0.129	0.0545
240 minute summer	J35	32.011	J36	5.3	0.831	0.059	0.0441
240 minute summer	J36	32.012	S15	5.6	0.855	0.186	0.0157
240 minute summer	J37	32.014	S16	6.5	0.982	0.214	0.0353
240 minute summer	J38	32.016	J39	7.1	0.575	0.235	0.1337
240 minute summer	J39	32.017	J40	7.4	0.662	0.241	0.0410
240 minute summer	J40	32.018	S10	7.7	0.797	0.179	0.0927
240 minute summer	J41	48.002	J42	0.6	0.419	0.107	0.0094

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J42	132	184.565	0.027	1.0	0.0310	0.0000	OK
240 minute summer	J43	128	184.402	0.042	1.8	0.0471	0.0000	OK
240 minute summer	J44	128	184.390	0.040	2.1	0.0455	0.0000	OK
240 minute summer	J45	132	184.352	0.052	2.4	0.0588	0.0000	OK
240 minute summer	J46	132	184.329	0.057	3.4	0.0645	0.0000	OK
240 minute summer	J47	132	184.307	0.059	3.6	0.0665	0.0000	OK
240 minute summer	J48	132	184.220	0.066	4.6	0.0743	0.0000	OK
240 minute summer	J49	132	184.206	0.077	4.9	0.0870	0.0000	OK
240 minute summer	J50	132	184.199	0.074	5.2	0.0835	0.0000	OK
240 minute summer	J51	132	184.187	0.079	5.5	0.0896	0.0000	OK
240 minute summer	J52	132	184.179	0.075	6.0	0.0844	0.0000	OK
240 minute summer	J53	132	184.159	0.072	6.2	0.0815	0.0000	OK
240 minute summer	J54	128	185.005	0.026	0.8	0.0293	0.0000	OK
240 minute summer	J55	128	184.974	0.030	1.1	0.0343	0.0000	OK
240 minute summer	J56	132	184.056	0.089	8.9	0.1008	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J42	48.003	S21	1.0	0.464	0.164	0.0172
240 minute summer	J43	48.005	J44	1.8	0.456	0.127	0.0062
240 minute summer	J44	48.006	J45	2.1	0.460	0.157	0.0403
240 minute summer	J45	48.007	S22	2.4	0.426	0.180	0.0138
240 minute summer	J46	48.009	J47	3.4	0.535	0.251	0.0264
240 minute summer	J47	48.010	S23	3.6	0.606	0.273	0.0158
240 minute summer	J48	48.012	J49	4.6	0.424	0.153	0.0804
240 minute summer	J49	48.013	J50	4.9	0.421	0.160	0.0132
240 minute summer	J50	48.014	J51	5.2	0.440	0.175	0.0603
240 minute summer	J51	48.015	J52	5.5	0.460	0.180	0.0136
240 minute summer	J52	48.016	J53	6.0	0.532	0.196	0.0547
240 minute summer	J53	48.017	S24	6.2	0.617	0.207	0.1037
240 minute summer	J54	65.002	J55	0.8	0.437	0.133	0.0066
240 minute summer	J55	65.003	S24	1.1	0.567	0.188	0.0154
240 minute summer	J56	48.019	J57	8.9	0.508	0.165	0.1595

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Results for 2 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J57	132	184.034	0.089	9.2	0.1012	0.0000	OK
240 minute summer	BASIN 1	224	185.404	0.404	12.9	47.5368	0.0000	SURCHARGED
240 minute summer	BASIN 2	480	184.466	0.166	1.0	14.9440	0.0000	OK
240 minute summer	BASIN 3	256	183.148	0.048	8.6	33.1168	0.0000	OK
240 minute summer	BASIN 4	252	183.592	0.262	9.2	34.3089	0.0000	OK
240 minute summer	SWALE 1	228	184.959	0.027	0.9	0.0303	0.0000	OK
240 minute summer	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWALE 3	128	184.142	0.072	8.6	0.0813	0.0000	OK
240 minute summer	BH1	480	184.466	0.389	0.7	1.9292	0.0000	OK
240 minute summer	BH2	260	183.148	0.096	1.7	2.0814	0.0000	OK
240 minute summer	BH3	256	183.592	0.286	2.0	2.9391	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J57	48.020	S25	9.2	0.545	0.171	0.1337
240 minute summer	BASIN 1	1.023	S5	0.9	0.117	0.017	0.6013
240 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
240 minute summer	BASIN 2	71.000	BH1	0.7	0.422	0.123	0.1829
240 minute summer	BASIN 3	1.034	BH2	1.7	0.344	0.021	0.4083
240 minute summer	BASIN 4	48.022	BH3	2.0	0.454	0.038	0.6854
240 minute summer	SWALE 1	1.025	S6	0.9	0.285	0.017	0.1179
240 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
240 minute summer	SWALE 3	1.033	BASIN 3	8.6	0.679	0.124	0.5458
240 minute summer	BH1	Infiltration		0.1			
240 minute summer	BH2	Infiltration		0.2			
240 minute summer	BH3	Infiltration		0.2			

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S1	112	188.383	0.013	0.3	0.0172	0.0000	OK
240 minute winter	S2	140	187.102	0.063	4.6	0.0925	0.0000	OK
240 minute winter	S3	136	186.280	0.068	6.5	0.0878	0.0000	OK
240 minute winter	S4	240	185.473	0.095	10.7	0.1128	0.0000	OK
240 minute winter	S5	240	185.473	0.493	1.0	0.5576	0.0000	SURCHARGED
240 minute winter	S6	244	184.872	0.028	1.0	0.0321	0.0000	OK
240 minute winter	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
240 minute winter	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
240 minute winter	S9	128	184.226	0.026	0.0	0.0295	0.0000	OK
240 minute winter	S10	128	184.226	0.042	6.9	0.0643	0.0000	OK
240 minute winter	S11	124	186.426	0.026	0.8	0.0419	0.0000	OK
240 minute winter	S12	128	186.211	0.035	1.5	0.0401	0.0000	OK
240 minute winter	S13	128	186.065	0.031	2.8	0.0437	0.0000	OK
240 minute winter	S14	132	185.302	0.052	3.9	0.0815	0.0000	OK
240 minute winter	S15	128	184.903	0.036	5.0	0.0496	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	S1	1.000	J1	0.3	0.344	0.034	0.0077
240 minute winter	S2	1.012	J12	4.6	0.557	0.153	0.0123
240 minute winter	S3	1.019	J18	6.5	0.871	0.213	0.0389
240 minute winter	S4	1.022	BASIN 1	10.6	1.203	0.064	0.7488
240 minute winter	S5	1.024	SWALE 1	1.0	0.293	0.018	0.0666
240 minute winter	S6	1.026	BASIN 2	1.0	0.339	0.018	0.0164
240 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
240 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0178
240 minute winter	S9	1.031	S10	0.0	-0.020	-0.001	0.0299
240 minute winter	S10	1.032	SWALE 3	6.9	0.822	0.038	0.0373
240 minute winter	S11	32.000	J28	0.8	0.472	0.135	0.0077
240 minute winter	S12	32.003	J30	1.5	0.434	0.111	0.0174
240 minute winter	S13	32.007	J33	2.8	1.103	0.088	0.0334
240 minute winter	S14	32.009	J34	3.9	0.758	0.225	0.0270
240 minute winter	S15	32.013	J37	5.0	0.805	0.054	0.0591

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S16	128	184.587	0.030	5.5	0.0375	0.0000	OK
240 minute winter	S17	156	186.012	0.012	0.2	0.0132	0.0000	OK
240 minute winter	S18	124	185.702	0.041	1.7	0.0580	0.0000	OK
240 minute winter	S19	124	185.542	0.051	3.2	0.0701	0.0000	OK
240 minute winter	S20	128	184.664	0.022	0.6	0.0262	0.0000	OK
240 minute winter	S21	128	184.491	0.032	1.2	0.0384	0.0000	OK
240 minute winter	S22	132	184.337	0.051	2.6	0.0625	0.0000	OK
240 minute winter	S23	128	184.220	0.062	3.5	0.0728	0.0000	OK
240 minute winter	S24	132	184.061	0.084	7.3	0.1214	0.0000	OK
240 minute winter	S25	132	184.003	0.077	7.7	0.0869	0.0000	OK
240 minute winter	S26	152	185.390	0.013	0.3	0.0156	0.0000	OK
240 minute winter	FC1	140	188.349	0.099	0.3	0.1321	0.0000	OK
240 minute winter	FC2	140	188.250	0.100	0.3	0.1324	0.0000	OK
240 minute winter	FC3	136	188.422	0.222	0.5	0.3219	0.0000	SURCHARGED
240 minute winter	FC4	152	188.251	0.051	0.2	0.0652	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	S16	32.015	J38	5.5	0.841	0.037	0.0157
240 minute winter	S17	23.001	J20	0.2	0.266	0.028	0.0050
240 minute winter	S18	23.006	J24	1.7	0.447	0.126	0.0071
240 minute winter	S19	23.010	J27	3.1	0.447	0.104	0.0623
240 minute winter	S20	48.001	J41	0.6	0.467	0.095	0.0056
240 minute winter	S21	48.004	J43	1.2	0.578	0.208	0.0108
240 minute winter	S22	48.008	J46	2.6	0.487	0.192	0.0129
240 minute winter	S23	48.011	J48	3.5	0.412	0.113	0.0095
240 minute winter	S24	48.018	J56	7.3	0.468	0.137	0.0663
240 minute winter	S25	48.021	BASIN 4	7.7	0.600	0.139	0.0409
240 minute winter	S26	65.001	J54	0.3	0.515	0.034	0.0050
240 minute winter	FC1	2.000	J1	0.3	0.300	0.047	0.0048
240 minute winter	FC2	3.000	J2	0.3	0.197	0.049	0.0070
240 minute winter	FC3	4.000	J3	0.5	0.467	0.072	0.0092
240 minute winter	FC4	5.000	J4	0.2	0.413	0.026	0.0036

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC5	140	188.100	0.100	0.3	0.1330	0.0000	OK
240 minute winter	FC6	152	187.900	0.050	0.2	0.0647	0.0000	OK
240 minute winter	FC7	152	187.801	0.051	0.2	0.0657	0.0000	OK
240 minute winter	FC8	140	187.847	0.097	0.3	0.1289	0.0000	OK
240 minute winter	FC9	152	187.522	0.052	0.2	0.0670	0.0000	OK
240 minute winter	FC10	140	187.631	0.161	0.4	0.2269	0.0000	SURCHARGED
240 minute winter	FC11	136	187.417	0.097	0.3	0.1269	0.0000	OK
240 minute winter	FC12	136	187.327	0.097	0.3	0.1269	0.0000	OK
240 minute winter	FC13	140	187.100	0.100	0.3	0.1328	0.0000	OK
240 minute winter	FC14	160	186.950	0.050	0.3	0.6415	0.0000	OK
240 minute winter	FC15	152	187.250	0.050	0.2	0.0647	0.0000	OK
240 minute winter	FC16	152	186.951	0.051	0.2	0.0663	0.0000	OK
240 minute winter	FC17	152	187.050	0.050	0.2	0.0647	0.0000	OK
240 minute winter	FC18	152	186.602	0.052	0.2	0.0670	0.0000	OK
240 minute winter	FC19	140	186.500	0.100	0.3	0.1328	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC5	6.000	J5	0.3	0.387	0.049	0.0031
240 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032
240 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037
240 minute winter	FC8	9.000	J8	0.3	0.546	0.030	0.0023
240 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041
240 minute winter	FC10	11.000	J10	0.4	0.455	0.058	0.0053
240 minute winter	FC11	12.000	J11	0.3	0.387	0.049	0.0058
240 minute winter	FC12	13.000	S2	0.3	0.387	0.049	0.0051
240 minute winter	FC13	14.000	J12	0.3	0.390	0.049	0.0051
240 minute winter	FC14	15.000	J13	0.2	0.346	0.033	0.0043
240 minute winter	FC15	16.000	J14	0.2	0.731	0.011	0.0013
240 minute winter	FC16	17.000	J15	0.2	0.370	0.031	0.0041
240 minute winter	FC17	18.000	J16	0.2	0.585	0.016	0.0016
240 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0040
240 minute winter	FC19	20.000	S3	0.3	0.388	0.050	0.0050

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC20	140	187.046	0.096	0.3	0.1276	0.0000	OK
240 minute winter	FC21	140	186.400	0.100	0.3	0.1328	0.0000	OK
240 minute winter	FC22	152	186.489	0.039	0.2	0.3791	0.0000	OK
240 minute winter	FC23	152	186.352	0.052	0.2	0.0666	0.0000	OK
240 minute winter	FC24	140	186.398	0.098	0.3	0.1309	0.0000	OK
240 minute winter	FC25	140	186.646	0.096	0.3	0.1276	0.0000	OK
240 minute winter	FC26	152	186.489	0.039	0.2	0.3894	0.0000	OK
240 minute winter	FC27	152	186.550	0.050	0.2	0.0647	0.0000	OK
240 minute winter	FC28	140	186.596	0.096	0.3	0.1276	0.0000	OK
240 minute winter	FC29	144	186.597	0.097	0.3	0.1314	0.0000	OK
240 minute winter	FC30	140	186.846	0.096	0.3	0.1276	0.0000	OK
240 minute winter	FC31	152	186.500	0.050	0.2	0.0647	0.0000	OK
240 minute winter	FC32	152	186.500	0.050	0.2	0.0647	0.0000	OK
240 minute winter	FC33	140	186.546	0.096	0.3	0.1276	0.0000	OK
240 minute winter	FC34	140	186.550	0.100	0.3	0.1325	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC20	21.000	J18	0.3	0.777	0.018	0.0016
240 minute winter	FC21	22.000	J19	0.3	0.389	0.050	0.0058
240 minute winter	FC22	23.000	S17	0.2	0.470	0.009	0.0018
240 minute winter	FC23	24.000	J20	0.2	0.362	0.032	0.0025
240 minute winter	FC24	25.000	J21	0.3	0.454	0.039	0.0030
240 minute winter	FC25	26.000	J22	0.3	0.771	0.019	0.0018
240 minute winter	FC26	27.000	J23	0.2	0.576	0.013	0.0013
240 minute winter	FC27	28.000	J24	0.2	0.755	0.011	0.0012
240 minute winter	FC28	29.000	J25	0.3	0.776	0.018	0.0017
240 minute winter	FC29	30.000	J26	0.3	0.756	0.019	0.0019
240 minute winter	FC30	31.000	J27	0.3	0.724	0.020	0.0018
240 minute winter	FC31	33.000	J28	0.2	0.227	0.022	0.0047
240 minute winter	FC32	34.000	J29	0.2	0.201	0.016	0.0052
240 minute winter	FC33	35.000	S12	0.3	0.712	0.021	0.0017
240 minute winter	FC34	36.000	J30	0.3	0.400	0.047	0.0035

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC35	140	186.546	0.096	0.3	0.1276	0.0000	OK
240 minute winter	FC36	144	186.547	0.097	0.3	0.1314	0.0000	OK
240 minute winter	FC37	136	185.952	0.152	0.4	0.2119	0.0000	SURCHARGED
240 minute winter	FC38	152	185.486	0.036	0.2	0.4350	0.0000	OK
240 minute winter	FC39	152	185.500	0.050	0.2	0.0647	0.0000	OK
240 minute winter	FC40	140	185.596	0.096	0.3	0.1276	0.0000	OK
240 minute winter	FC41	140	184.946	0.096	0.3	0.1283	0.0000	OK
240 minute winter	FC42	140	184.697	0.097	0.3	0.1297	0.0000	OK
240 minute winter	FC43	140	184.696	0.096	0.3	0.1282	0.0000	OK
240 minute winter	FC44	108	184.610	0.009	0.2	0.0122	0.0000	OK
240 minute winter	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
240 minute winter	FC46	140	184.861	0.161	0.4	0.2277	0.0000	SURCHARGED
240 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute winter	FC48	140	184.896	0.096	0.3	0.1276	0.0000	OK
240 minute winter	FC49	140	184.900	0.100	0.3	0.1329	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC35	37.000	J31	0.3	0.716	0.021	0.0021
240 minute winter	FC36	38.000	J32	0.3	0.771	0.019	0.0019
240 minute winter	FC37	39.000	J33	0.4	0.554	0.042	0.0044
240 minute winter	FC38	40.000	J34	0.2	0.546	0.013	0.0014
240 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014
240 minute winter	FC40	42.000	J36	0.3	0.884	0.015	0.0017
240 minute winter	FC41	43.000	J37	0.3	0.578	0.028	0.0026
240 minute winter	FC42	44.000	J38	0.3	0.504	0.034	0.0029
240 minute winter	FC43	45.000	J39	0.3	0.589	0.027	0.0022
240 minute winter	FC44	46.000	J40	0.2	0.541	0.018	0.0016
240 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
240 minute winter	FC46	48.000	S20	0.4	0.383	0.065	0.0063
240 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0031
240 minute winter	FC48	50.000	J42	0.3	0.326	0.021	0.0050
240 minute winter	FC49	51.000	S21	0.3	0.387	0.050	0.0033

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC50	140	184.900	0.100	0.3	0.1329	0.0000	OK
240 minute winter	FC51	140	184.950	0.100	0.3	0.1328	0.0000	OK
240 minute winter	FC52	132	185.392	0.142	0.4	0.1940	0.0000	SURCHARGED
240 minute winter	FC53	140	185.347	0.097	0.3	0.1292	0.0000	OK
240 minute winter	FC54	152	185.300	0.050	0.2	0.0647	0.0000	OK
240 minute winter	FC55	152	185.300	0.050	0.2	0.0647	0.0000	OK
240 minute winter	FC56	140	185.446	0.096	0.3	0.1276	0.0000	OK
240 minute winter	FC57	140	185.446	0.096	0.3	0.1276	0.0000	OK
240 minute winter	FC58	152	185.400	0.050	0.2	0.0647	0.0000	OK
240 minute winter	FC59	152	185.400	0.050	0.2	0.0647	0.0000	OK
240 minute winter	FC60	140	185.446	0.096	0.3	0.1276	0.0000	OK
240 minute winter	FC61	140	185.397	0.097	0.3	0.1296	0.0000	OK
240 minute winter	FC62	132	185.439	0.189	0.5	0.2700	0.0000	SURCHARGED
240 minute winter	FC63	152	185.452	0.052	0.2	0.0673	0.0000	OK
240 minute winter	FC64	140	185.100	0.100	0.3	0.1325	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC50	52.000	J43	0.3	0.388	0.050	0.0035
240 minute winter	FC51	55.000	S22	0.3	0.389	0.050	0.0046
240 minute winter	FC52	58.000	S23	0.4	0.598	0.036	0.0033
240 minute winter	FC53	61.000	J50	0.3	0.530	0.032	0.0024
240 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015
240 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013
240 minute winter	FC56	53.000	J44	0.3	0.761	0.019	0.0025
240 minute winter	FC57	54.000	J45	0.3	0.714	0.021	0.0027
240 minute winter	FC58	56.000	J46	0.2	0.613	0.015	0.0020
240 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0023
240 minute winter	FC60	59.000	J48	0.3	0.631	0.025	0.0031
240 minute winter	FC61	60.000	J49	0.3	0.507	0.034	0.0043
240 minute winter	FC62	63.000	J52	0.4	0.519	0.055	0.0076
240 minute winter	FC63	65.000	S26	0.2	0.338	0.034	0.0014
240 minute winter	FC64	66.000	J54	0.3	0.319	0.050	0.0022

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC65	140	185.246	0.096	0.3	0.1276	0.0000	OK
240 minute winter	FC66	140	185.099	0.099	0.3	0.1315	0.0000	OK
240 minute winter	FC67	152	184.839	0.039	0.2	0.3986	0.0000	OK
240 minute winter	FC68	152	184.600	0.050	0.2	0.0647	0.0000	OK
240 minute winter	J1	140	188.222	0.022	0.9	0.0300	0.0000	OK
240 minute winter	J2	140	188.140	0.034	1.2	0.0387	0.0000	OK
240 minute winter	J3	140	188.082	0.036	1.6	0.0407	0.0000	OK
240 minute winter	J4	140	188.060	0.025	1.8	0.0286	0.0000	OK
240 minute winter	J5	140	187.934	0.024	2.1	0.0273	0.0000	OK
240 minute winter	J6	140	187.683	0.033	2.3	0.0371	0.0000	OK
240 minute winter	J7	140	187.644	0.044	2.5	0.0500	0.0000	OK
240 minute winter	J8	140	187.625	0.032	2.8	0.0363	0.0000	OK
240 minute winter	J9	140	187.320	0.045	3.0	0.0509	0.0000	OK
240 minute winter	J10	140	187.296	0.026	3.4	0.0292	0.0000	OK
240 minute winter	J11	144	187.158	0.037	3.7	0.0421	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC65	67.000	J55	0.3	0.489	0.016	0.0022
240 minute winter	FC66	68.000	S24	0.3	0.437	0.041	0.0014
240 minute winter	FC67	69.000	J56	0.2	0.322	0.028	0.0011
240 minute winter	FC68	70.000	J57	0.2	0.458	0.022	0.0010
240 minute winter	J1	1.001	J2	0.9	0.494	0.108	0.0092
240 minute winter	J2	1.002	J3	1.2	0.544	0.200	0.0023
240 minute winter	J3	1.003	J4	1.6	0.636	0.124	0.0051
240 minute winter	J4	1.004	J5	1.8	0.974	0.055	0.0067
240 minute winter	J5	1.005	J6	2.1	0.920	0.056	0.0133
240 minute winter	J6	1.006	J7	2.3	0.654	0.082	0.0071
240 minute winter	J7	1.007	J8	2.5	0.720	0.182	0.0040
240 minute winter	J8	1.008	J9	2.8	1.051	0.093	0.0228
240 minute winter	J9	1.009	J10	3.0	0.763	0.090	0.0049
240 minute winter	J10	1.010	J11	3.4	1.013	0.026	0.0083
240 minute winter	J11	1.011	S2	3.7	0.566	0.057	0.0358

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J12	140	186.850	0.041	4.9	0.0467	0.0000	OK
240 minute winter	J13	140	186.775	0.073	5.1	0.0829	0.0000	OK
240 minute winter	J14	140	186.766	0.070	5.3	0.0797	0.0000	OK
240 minute winter	J15	140	186.752	0.064	5.5	0.0726	0.0000	OK
240 minute winter	J16	140	186.722	0.052	5.7	0.0584	0.0000	OK
240 minute winter	J17	140	186.390	0.032	5.9	0.0367	0.0000	OK
240 minute winter	J18	136	186.236	0.042	6.8	0.0478	0.0000	OK
240 minute winter	J19	136	186.101	0.074	7.1	0.0835	0.0000	OK
240 minute winter	J20	152	185.948	0.017	0.4	0.0193	0.0000	OK
240 minute winter	J21	140	185.917	0.022	0.7	0.0253	0.0000	OK
240 minute winter	J22	140	185.847	0.029	0.9	0.0322	0.0000	OK
240 minute winter	J23	140	185.813	0.030	1.1	0.0342	0.0000	OK
240 minute winter	J24	124	185.690	0.040	1.9	0.0456	0.0000	OK
240 minute winter	J25	140	185.659	0.044	2.2	0.0500	0.0000	OK
240 minute winter	J26	140	185.634	0.047	2.5	0.0532	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J12	1.013	J13	4.9	0.613	0.073	0.0523
240 minute winter	J13	1.014	J14	5.1	0.464	0.161	0.0207
240 minute winter	J14	1.015	J15	5.3	0.528	0.168	0.0191
240 minute winter	J15	1.016	J16	5.5	0.677	0.178	0.0414
240 minute winter	J16	1.017	J17	5.7	0.890	0.094	0.0214
240 minute winter	J17	1.018	S3	5.9	0.899	0.040	0.0127
240 minute winter	J18	1.020	J19	6.8	1.506	0.052	0.0067
240 minute winter	J19	1.021	S4	7.1	0.588	0.129	0.0531
240 minute winter	J20	23.002	J21	0.4	0.346	0.062	0.0041
240 minute winter	J21	23.003	J22	0.7	0.416	0.110	0.0126
240 minute winter	J22	23.004	J23	0.9	0.494	0.159	0.0069
240 minute winter	J23	23.005	S18	1.1	0.567	0.187	0.0146
240 minute winter	J24	23.007	J25	1.9	0.472	0.144	0.0251
240 minute winter	J25	23.008	J26	2.2	0.485	0.165	0.0225
240 minute winter	J26	23.009	S19	2.5	0.554	0.187	0.0167

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J27	124	185.515	0.054	3.4	0.0607	0.0000	OK
240 minute winter	J28	128	186.384	0.028	1.0	0.0318	0.0000	OK
240 minute winter	J29	128	186.303	0.032	1.2	0.0362	0.0000	OK
240 minute winter	J30	128	186.186	0.039	1.8	0.0443	0.0000	OK
240 minute winter	J31	128	186.160	0.041	2.0	0.0462	0.0000	OK
240 minute winter	J32	128	186.108	0.044	2.3	0.0496	0.0000	OK
240 minute winter	J33	132	185.640	0.030	3.2	0.0344	0.0000	OK
240 minute winter	J34	132	185.176	0.051	4.0	0.0578	0.0000	OK
240 minute winter	J35	132	185.108	0.033	4.2	0.0377	0.0000	OK
240 minute winter	J36	132	184.930	0.055	4.5	0.0619	0.0000	OK
240 minute winter	J37	128	184.636	0.061	5.3	0.0689	0.0000	OK
240 minute winter	J38	128	184.445	0.070	5.8	0.0792	0.0000	OK
240 minute winter	J39	128	184.408	0.070	6.0	0.0795	0.0000	OK
240 minute winter	J40	128	184.386	0.061	6.2	0.0686	0.0000	OK
240 minute winter	J41	128	184.618	0.021	0.6	0.0237	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J27	23.011	S4	3.4	0.515	0.114	0.0158
240 minute winter	J28	32.001	J29	1.0	0.505	0.169	0.0175
240 minute winter	J29	32.002	S12	1.2	0.574	0.202	0.0097
240 minute winter	J30	32.004	J31	1.8	0.468	0.133	0.0188
240 minute winter	J31	32.005	J32	2.0	0.502	0.154	0.0397
240 minute winter	J32	32.006	S13	2.3	0.686	0.175	0.0182
240 minute winter	J33	32.008	S14	3.2	0.822	0.090	0.0361
240 minute winter	J34	32.010	J35	4.0	0.787	0.105	0.0470
240 minute winter	J35	32.011	J36	4.2	0.777	0.048	0.0381
240 minute winter	J36	32.012	S15	4.5	0.805	0.151	0.0135
240 minute winter	J37	32.014	S16	5.3	0.930	0.174	0.0304
240 minute winter	J38	32.016	J39	5.8	0.546	0.191	0.1142
240 minute winter	J39	32.017	J40	6.0	0.631	0.196	0.0351
240 minute winter	J40	32.018	S10	6.2	0.753	0.145	0.0794
240 minute winter	J41	48.002	J42	0.6	0.408	0.095	0.0086

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J42	128	184.563	0.026	0.8	0.0290	0.0000	OK
240 minute winter	J43	128	184.398	0.038	1.5	0.0431	0.0000	OK
240 minute winter	J44	128	184.387	0.037	1.8	0.0420	0.0000	OK
240 minute winter	J45	132	184.347	0.047	2.1	0.0529	0.0000	OK
240 minute winter	J46	132	184.323	0.051	2.8	0.0577	0.0000	OK
240 minute winter	J47	132	184.301	0.053	3.0	0.0595	0.0000	OK
240 minute winter	J48	128	184.212	0.058	3.8	0.0659	0.0000	OK
240 minute winter	J49	128	184.198	0.069	4.1	0.0776	0.0000	OK
240 minute winter	J50	128	184.191	0.066	4.3	0.0744	0.0000	OK
240 minute winter	J51	132	184.179	0.071	4.5	0.0804	0.0000	OK
240 minute winter	J52	132	184.171	0.067	4.9	0.0759	0.0000	OK
240 minute winter	J53	132	184.152	0.065	5.1	0.0737	0.0000	OK
240 minute winter	J54	140	185.001	0.022	0.6	0.0250	0.0000	OK
240 minute winter	J55	140	184.971	0.027	0.9	0.0304	0.0000	OK
240 minute winter	J56	132	184.048	0.081	7.5	0.0913	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J42	48.003	S21	0.8	0.450	0.144	0.0155
240 minute winter	J43	48.005	J44	1.5	0.438	0.108	0.0055
240 minute winter	J44	48.006	J45	1.8	0.446	0.134	0.0353
240 minute winter	J45	48.007	S22	2.1	0.418	0.153	0.0119
240 minute winter	J46	48.009	J47	2.8	0.515	0.208	0.0227
240 minute winter	J47	48.010	S23	3.0	0.575	0.223	0.0137
240 minute winter	J48	48.012	J49	3.8	0.411	0.126	0.0684
240 minute winter	J49	48.013	J50	4.0	0.408	0.132	0.0113
240 minute winter	J50	48.014	J51	4.3	0.425	0.145	0.0517
240 minute winter	J51	48.015	J52	4.5	0.439	0.148	0.0117
240 minute winter	J52	48.016	J53	4.9	0.509	0.162	0.0474
240 minute winter	J53	48.017	S24	5.1	0.586	0.171	0.0902
240 minute winter	J54	65.002	J55	0.6	0.399	0.100	0.0054
240 minute winter	J55	65.003	S24	0.9	0.533	0.150	0.0131
240 minute winter	J56	48.019	J57	7.5	0.488	0.138	0.1390

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Results for 2 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J57	132	184.026	0.081	7.7	0.0918	0.0000	OK
240 minute winter	BASIN 1	240	185.473	0.473	10.6	56.4244	0.0000	SURCHARGED
240 minute winter	BASIN 2	480	184.485	0.185	1.0	16.7740	0.0000	OK
240 minute winter	BASIN 3	256	183.156	0.056	6.9	38.7530	0.0000	OK
240 minute winter	BASIN 4	260	183.646	0.315	7.7	41.8063	0.0000	SURCHARGED
240 minute winter	SWALE 1	244	184.960	0.028	1.0	0.0315	0.0000	OK
240 minute winter	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
240 minute winter	SWALE 3	132	184.135	0.065	6.9	0.0731	0.0000	OK
240 minute winter	BH1	480	184.485	0.408	0.7	1.9849	0.0000	OK
240 minute winter	BH2	256	183.156	0.104	1.8	2.1219	0.0000	OK
240 minute winter	BH3	260	183.646	0.339	2.0	3.1900	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J57	48.020	S25	7.7	0.518	0.142	0.1171
240 minute winter	BASIN 1	1.023	S5	1.0	0.158	0.018	0.6013
240 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
240 minute winter	BASIN 2	71.000	BH1	0.7	0.421	0.123	0.1829
240 minute winter	BASIN 3	1.034	BH2	1.8	0.321	0.022	0.4729
240 minute winter	BASIN 4	48.022	BH3	2.0	0.430	0.037	0.7181
240 minute winter	SWALE 1	1.025	S6	1.0	0.291	0.018	0.1246
240 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
240 minute winter	SWALE 3	1.033	BASIN 3	6.9	0.641	0.100	0.4682
240 minute winter	BH1	Infiltration		0.1			
240 minute winter	BH2	Infiltration		0.2			
240 minute winter	BH3	Infiltration		0.2			

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S1	184	188.385	0.015	0.4	0.0196	0.0000	OK
360 minute summer	S2	192	187.103	0.064	4.7	0.0941	0.0000	OK
360 minute summer	S3	192	186.281	0.069	6.8	0.0900	0.0000	OK
360 minute summer	S4	288	185.438	0.060	11.1	0.0709	0.0000	OK
360 minute summer	S5	288	185.438	0.458	0.9	0.5177	0.0000	SURCHARGED
360 minute summer	S6	296	184.872	0.028	0.9	0.0315	0.0000	OK
360 minute summer	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
360 minute summer	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
360 minute summer	S9	192	184.227	0.027	0.0	0.0301	0.0000	OK
360 minute summer	S10	192	184.227	0.043	7.1	0.0650	0.0000	OK
360 minute summer	S11	184	186.426	0.026	0.8	0.0418	0.0000	OK
360 minute summer	S12	192	186.212	0.036	1.5	0.0402	0.0000	OK
360 minute summer	S13	192	186.065	0.031	2.9	0.0442	0.0000	OK
360 minute summer	S14	192	185.302	0.052	4.0	0.0822	0.0000	OK
360 minute summer	S15	192	184.903	0.036	5.1	0.0498	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	S1	1.000	J1	0.4	0.374	0.045	0.0088
360 minute summer	S2	1.012	J12	4.7	0.562	0.158	0.0126
360 minute summer	S3	1.019	J18	6.8	0.883	0.224	0.0403
360 minute summer	S4	1.022	BASIN 1	11.1	0.795	0.066	0.6719
360 minute summer	S5	1.024	SWALE 1	0.9	0.290	0.017	0.0648
360 minute summer	S6	1.026	BASIN 2	0.9	0.336	0.017	0.0159
360 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
360 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0183
360 minute summer	S9	1.031	S10	0.0	-0.015	0.000	0.0306
360 minute summer	S10	1.032	SWALE 3	7.1	0.830	0.039	0.0380
360 minute summer	S11	32.000	J28	0.8	0.467	0.133	0.0077
360 minute summer	S12	32.003	J30	1.5	0.437	0.111	0.0174
360 minute summer	S13	32.007	J33	2.9	1.110	0.090	0.0339
360 minute summer	S14	32.009	J34	4.0	0.761	0.229	0.0273
360 minute summer	S15	32.013	J37	5.1	0.810	0.055	0.0596

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S16	184	184.587	0.030	5.6	0.0378	0.0000	OK
360 minute summer	S17	208	186.012	0.012	0.2	0.0134	0.0000	OK
360 minute summer	S18	192	185.702	0.041	1.7	0.0584	0.0000	OK
360 minute summer	S19	192	185.543	0.052	3.2	0.0707	0.0000	OK
360 minute summer	S20	184	184.663	0.021	0.6	0.0258	0.0000	OK
360 minute summer	S21	192	184.491	0.032	1.2	0.0375	0.0000	OK
360 minute summer	S22	192	184.337	0.051	2.5	0.0618	0.0000	OK
360 minute summer	S23	192	184.219	0.061	3.4	0.0721	0.0000	OK
360 minute summer	S24	192	184.061	0.083	7.3	0.1212	0.0000	OK
360 minute summer	S25	192	184.003	0.077	7.7	0.0871	0.0000	OK
360 minute summer	S26	192	185.391	0.014	0.3	0.0165	0.0000	OK
360 minute summer	FC1	192	188.342	0.092	0.3	0.1224	0.0000	OK
360 minute summer	FC2	192	188.242	0.092	0.3	0.1228	0.0000	OK
360 minute summer	FC3	200	188.407	0.207	0.5	0.2999	0.0000	SURCHARGED
360 minute summer	FC4	192	188.267	0.067	0.3	0.0870	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	S16	32.015	J38	5.6	0.848	0.038	0.0159
360 minute summer	S17	23.001	J20	0.2	0.266	0.029	0.0052
360 minute summer	S18	23.006	J24	1.7	0.443	0.126	0.0072
360 minute summer	S19	23.010	J27	3.2	0.449	0.106	0.0633
360 minute summer	S20	48.001	J41	0.5	0.465	0.092	0.0054
360 minute summer	S21	48.004	J43	1.2	0.572	0.199	0.0105
360 minute summer	S22	48.008	J46	2.5	0.479	0.187	0.0127
360 minute summer	S23	48.011	J48	3.4	0.412	0.111	0.0094
360 minute summer	S24	48.018	J56	7.3	0.466	0.136	0.0662
360 minute summer	S25	48.021	BASIN 4	7.7	0.600	0.139	0.0410
360 minute summer	S26	65.001	J54	0.3	0.535	0.039	0.0054
360 minute summer	FC1	2.000	J1	0.3	0.285	0.045	0.0050
360 minute summer	FC2	3.000	J2	0.3	0.189	0.047	0.0073
360 minute summer	FC3	4.000	J3	0.4	0.462	0.069	0.0089
360 minute summer	FC4	5.000	J4	0.2	0.435	0.032	0.0040

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC5	192	188.093	0.093	0.3	0.1232	0.0000	OK
360 minute summer	FC6	192	187.917	0.067	0.3	0.0863	0.0000	OK
360 minute summer	FC7	192	187.818	0.068	0.3	0.0874	0.0000	OK
360 minute summer	FC8	192	187.840	0.090	0.3	0.1196	0.0000	OK
360 minute summer	FC9	192	187.539	0.069	0.3	0.0887	0.0000	OK
360 minute summer	FC10	192	187.638	0.168	0.5	0.2366	0.0000	SURCHARGED
360 minute summer	FC11	192	187.412	0.092	0.3	0.1209	0.0000	OK
360 minute summer	FC12	192	187.322	0.092	0.3	0.1209	0.0000	OK
360 minute summer	FC13	192	187.093	0.092	0.3	0.1231	0.0000	OK
360 minute summer	FC14	216	186.945	0.045	0.3	0.5776	0.0000	OK
360 minute summer	FC15	192	187.266	0.066	0.3	0.0858	0.0000	OK
360 minute summer	FC16	192	186.968	0.068	0.3	0.0881	0.0000	OK
360 minute summer	FC17	192	187.067	0.066	0.3	0.0858	0.0000	OK
360 minute summer	FC18	192	186.619	0.069	0.3	0.0888	0.0000	OK
360 minute summer	FC19	192	186.493	0.093	0.3	0.1231	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC5	6.000	J5	0.3	0.382	0.047	0.0030
360 minute summer	FC6	7.000	J6	0.2	0.478	0.028	0.0037
360 minute summer	FC7	8.000	J7	0.2	0.416	0.034	0.0042
360 minute summer	FC8	9.000	J8	0.3	0.539	0.029	0.0022
360 minute summer	FC9	10.000	J9	0.2	0.368	0.040	0.0047
360 minute summer	FC10	11.000	J10	0.4	0.458	0.059	0.0053
360 minute summer	FC11	12.000	J11	0.3	0.384	0.047	0.0056
360 minute summer	FC12	13.000	S2	0.3	0.384	0.047	0.0050
360 minute summer	FC13	14.000	J12	0.3	0.385	0.047	0.0050
360 minute summer	FC14	15.000	J13	0.2	0.339	0.031	0.0041
360 minute summer	FC15	16.000	J14	0.2	0.774	0.014	0.0014
360 minute summer	FC16	17.000	J15	0.2	0.390	0.037	0.0046
360 minute summer	FC17	18.000	J16	0.2	0.616	0.019	0.0019
360 minute summer	FC18	19.000	J17	0.2	0.366	0.040	0.0046
360 minute summer	FC19	20.000	S3	0.3	0.383	0.048	0.0048

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC20	192	187.039	0.089	0.3	0.1189	0.0000	OK
360 minute summer	FC21	192	186.393	0.092	0.3	0.1231	0.0000	OK
360 minute summer	FC22	208	186.491	0.041	0.3	0.3972	0.0000	OK
360 minute summer	FC23	192	186.369	0.068	0.3	0.0884	0.0000	OK
360 minute summer	FC24	192	186.391	0.091	0.3	0.1213	0.0000	OK
360 minute summer	FC25	192	186.639	0.089	0.3	0.1189	0.0000	OK
360 minute summer	FC26	208	186.490	0.040	0.3	0.4074	0.0000	OK
360 minute summer	FC27	192	186.567	0.066	0.3	0.0858	0.0000	OK
360 minute summer	FC28	192	186.589	0.089	0.3	0.1189	0.0000	OK
360 minute summer	FC29	192	186.614	0.114	0.4	0.1535	0.0000	SURCHARGED
360 minute summer	FC30	192	186.839	0.089	0.3	0.1189	0.0000	OK
360 minute summer	FC31	192	186.517	0.067	0.3	0.0860	0.0000	OK
360 minute summer	FC32	192	186.516	0.066	0.3	0.0858	0.0000	OK
360 minute summer	FC33	192	186.539	0.089	0.3	0.1189	0.0000	OK
360 minute summer	FC34	192	186.542	0.092	0.3	0.1228	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC20	21.000	J18	0.3	0.768	0.018	0.0016
360 minute summer	FC21	22.000	J19	0.3	0.384	0.048	0.0056
360 minute summer	FC22	23.000	S17	0.2	0.475	0.009	0.0018
360 minute summer	FC23	24.000	J20	0.2	0.381	0.038	0.0029
360 minute summer	FC24	25.000	J21	0.3	0.448	0.038	0.0029
360 minute summer	FC25	26.000	J22	0.3	0.762	0.018	0.0018
360 minute summer	FC26	27.000	J23	0.2	0.581	0.013	0.0014
360 minute summer	FC27	28.000	J24	0.2	0.798	0.013	0.0013
360 minute summer	FC28	29.000	J25	0.3	0.767	0.018	0.0016
360 minute summer	FC29	30.000	J26	0.3	0.776	0.021	0.0020
360 minute summer	FC30	31.000	J27	0.3	0.716	0.019	0.0017
360 minute summer	FC31	33.000	J28	0.2	0.234	0.026	0.0049
360 minute summer	FC32	34.000	J29	0.2	0.208	0.019	0.0053
360 minute summer	FC33	35.000	S12	0.3	0.704	0.020	0.0017
360 minute summer	FC34	36.000	J30	0.3	0.394	0.045	0.0034

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC35	192	186.539	0.089	0.3	0.1189	0.0000	OK
360 minute summer	FC36	192	186.564	0.114	0.4	0.1535	0.0000	SURCHARGED
360 minute summer	FC37	192	185.941	0.141	0.4	0.1965	0.0000	SURCHARGED
360 minute summer	FC38	208	185.488	0.038	0.3	0.4519	0.0000	OK
360 minute summer	FC39	192	185.516	0.066	0.3	0.0858	0.0000	OK
360 minute summer	FC40	192	185.589	0.089	0.3	0.1189	0.0000	OK
360 minute summer	FC41	192	184.940	0.090	0.3	0.1192	0.0000	OK
360 minute summer	FC42	192	184.690	0.090	0.3	0.1202	0.0000	OK
360 minute summer	FC43	192	184.690	0.089	0.3	0.1191	0.0000	OK
360 minute summer	FC44	184	184.611	0.011	0.3	0.0148	0.0000	OK
360 minute summer	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
360 minute summer	FC46	192	184.868	0.168	0.5	0.2373	0.0000	SURCHARGED
360 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute summer	FC48	192	184.889	0.089	0.3	0.1189	0.0000	OK
360 minute summer	FC49	192	184.893	0.093	0.3	0.1232	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC35	37.000	J31	0.3	0.708	0.020	0.0020
360 minute summer	FC36	38.000	J32	0.3	0.791	0.021	0.0021
360 minute summer	FC37	39.000	J33	0.4	0.547	0.041	0.0043
360 minute summer	FC38	40.000	J34	0.2	0.550	0.013	0.0014
360 minute summer	FC39	41.000	J35	0.2	0.681	0.017	0.0016
360 minute summer	FC40	42.000	J36	0.3	0.872	0.015	0.0016
360 minute summer	FC41	43.000	J37	0.3	0.571	0.027	0.0025
360 minute summer	FC42	44.000	J38	0.3	0.498	0.033	0.0028
360 minute summer	FC43	45.000	J39	0.3	0.582	0.026	0.0021
360 minute summer	FC44	46.000	J40	0.3	0.605	0.026	0.0021
360 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
360 minute summer	FC46	48.000	S20	0.4	0.384	0.066	0.0062
360 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0030
360 minute summer	FC48	50.000	J42	0.3	0.312	0.020	0.0048
360 minute summer	FC49	51.000	S21	0.3	0.382	0.047	0.0032

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC50	192	184.893	0.093	0.3	0.1232	0.0000	OK
360 minute summer	FC51	192	184.943	0.092	0.3	0.1231	0.0000	OK
360 minute summer	FC52	192	185.364	0.114	0.4	0.1564	0.0000	SURCHARGED
360 minute summer	FC53	192	185.340	0.090	0.3	0.1198	0.0000	OK
360 minute summer	FC54	192	185.317	0.066	0.3	0.0858	0.0000	OK
360 minute summer	FC55	192	185.317	0.066	0.3	0.0858	0.0000	OK
360 minute summer	FC56	192	185.439	0.089	0.3	0.1189	0.0000	OK
360 minute summer	FC57	192	185.439	0.089	0.3	0.1189	0.0000	OK
360 minute summer	FC58	192	185.416	0.066	0.3	0.0858	0.0000	OK
360 minute summer	FC59	192	185.416	0.066	0.3	0.0858	0.0000	OK
360 minute summer	FC60	192	185.439	0.089	0.3	0.1189	0.0000	OK
360 minute summer	FC61	192	185.390	0.090	0.3	0.1202	0.0000	OK
360 minute summer	FC62	192	185.424	0.174	0.5	0.2486	0.0000	SURCHARGED
360 minute summer	FC63	192	185.469	0.069	0.3	0.0892	0.0000	OK
360 minute summer	FC64	192	185.092	0.092	0.3	0.1228	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC50	52.000	J43	0.3	0.382	0.047	0.0034
360 minute summer	FC51	55.000	S22	0.3	0.383	0.047	0.0045
360 minute summer	FC52	58.000	S23	0.3	0.578	0.032	0.0030
360 minute summer	FC53	61.000	J50	0.3	0.523	0.030	0.0023
360 minute summer	FC54	62.000	J51	0.2	0.553	0.022	0.0017
360 minute summer	FC55	64.000	J53	0.2	0.696	0.016	0.0014
360 minute summer	FC56	53.000	J44	0.3	0.752	0.018	0.0025
360 minute summer	FC57	54.000	J45	0.3	0.706	0.020	0.0026
360 minute summer	FC58	56.000	J46	0.2	0.647	0.018	0.0023
360 minute summer	FC59	57.000	J47	0.2	0.600	0.020	0.0026
360 minute summer	FC60	59.000	J48	0.3	0.623	0.024	0.0030
360 minute summer	FC61	60.000	J49	0.3	0.500	0.033	0.0042
360 minute summer	FC62	63.000	J52	0.4	0.512	0.052	0.0074
360 minute summer	FC63	65.000	S26	0.2	0.361	0.040	0.0016
360 minute summer	FC64	66.000	J54	0.3	0.279	0.048	0.0023

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC65	192	185.239	0.089	0.3	0.1189	0.0000	OK
360 minute summer	FC66	192	185.092	0.092	0.3	0.1219	0.0000	OK
360 minute summer	FC67	208	184.840	0.040	0.3	0.4173	0.0000	OK
360 minute summer	FC68	192	184.617	0.067	0.3	0.0863	0.0000	OK
360 minute summer	J1	184	188.224	0.024	1.1	0.0325	0.0000	OK
360 minute summer	J2	184	188.142	0.036	1.3	0.0406	0.0000	OK
360 minute summer	J3	184	188.083	0.037	1.7	0.0413	0.0000	OK
360 minute summer	J4	184	188.061	0.026	1.9	0.0292	0.0000	OK
360 minute summer	J5	184	187.934	0.024	2.2	0.0274	0.0000	OK
360 minute summer	J6	192	187.683	0.033	2.4	0.0377	0.0000	OK
360 minute summer	J7	192	187.645	0.045	2.6	0.0510	0.0000	OK
360 minute summer	J8	192	187.626	0.033	2.9	0.0369	0.0000	OK
360 minute summer	J9	192	187.321	0.046	3.2	0.0520	0.0000	OK
360 minute summer	J10	192	187.296	0.026	3.5	0.0299	0.0000	OK
360 minute summer	J11	192	187.159	0.038	3.8	0.0431	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC65	67.000	J55	0.3	0.298	0.015	0.0022
360 minute summer	FC66	68.000	S24	0.3	0.431	0.039	0.0014
360 minute summer	FC67	69.000	J56	0.2	0.325	0.029	0.0011
360 minute summer	FC68	70.000	J57	0.2	0.482	0.027	0.0011
360 minute summer	J1	1.001	J2	1.0	0.531	0.126	0.0100
360 minute summer	J2	1.002	J3	1.3	0.556	0.219	0.0024
360 minute summer	J3	1.003	J4	1.7	0.639	0.127	0.0052
360 minute summer	J4	1.004	J5	1.9	0.989	0.057	0.0068
360 minute summer	J5	1.005	J6	2.2	0.919	0.056	0.0135
360 minute summer	J6	1.006	J7	2.4	0.656	0.084	0.0072
360 minute summer	J7	1.007	J8	2.6	0.730	0.189	0.0041
360 minute summer	J8	1.008	J9	2.9	1.061	0.097	0.0233
360 minute summer	J9	1.009	J10	3.1	0.768	0.094	0.0051
360 minute summer	J10	1.010	J11	3.6	1.022	0.028	0.0086
360 minute summer	J11	1.011	S2	3.8	0.570	0.060	0.0368

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J12	192	186.851	0.042	5.0	0.0474	0.0000	OK
360 minute summer	J13	192	186.777	0.075	5.2	0.0844	0.0000	OK
360 minute summer	J14	192	186.767	0.072	5.4	0.0813	0.0000	OK
360 minute summer	J15	192	186.754	0.066	5.7	0.0741	0.0000	OK
360 minute summer	J16	192	186.723	0.053	5.9	0.0599	0.0000	OK
360 minute summer	J17	192	186.392	0.033	6.2	0.0379	0.0000	OK
360 minute summer	J18	192	186.238	0.043	7.1	0.0492	0.0000	OK
360 minute summer	J19	192	186.103	0.076	7.4	0.0855	0.0000	OK
360 minute summer	J20	192	185.949	0.018	0.4	0.0202	0.0000	OK
360 minute summer	J21	192	185.918	0.023	0.7	0.0260	0.0000	OK
360 minute summer	J22	192	185.847	0.029	1.0	0.0326	0.0000	OK
360 minute summer	J23	192	185.814	0.031	1.1	0.0345	0.0000	OK
360 minute summer	J24	192	185.691	0.041	2.0	0.0463	0.0000	OK
360 minute summer	J25	192	185.660	0.045	2.3	0.0508	0.0000	OK
360 minute summer	J26	192	185.635	0.048	2.6	0.0543	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J12	1.013	J13	5.0	0.617	0.075	0.0536
360 minute summer	J13	1.014	J14	5.2	0.464	0.165	0.0212
360 minute summer	J14	1.015	J15	5.4	0.531	0.174	0.0196
360 minute summer	J15	1.016	J16	5.7	0.682	0.186	0.0428
360 minute summer	J16	1.017	J17	5.9	0.900	0.098	0.0221
360 minute summer	J17	1.018	S3	6.2	0.907	0.042	0.0132
360 minute summer	J18	1.020	J19	7.1	1.524	0.055	0.0070
360 minute summer	J19	1.021	S4	7.4	0.594	0.135	0.0550
360 minute summer	J20	23.002	J21	0.4	0.353	0.069	0.0043
360 minute summer	J21	23.003	J22	0.7	0.426	0.116	0.0129
360 minute summer	J22	23.004	J23	1.0	0.497	0.162	0.0070
360 minute summer	J23	23.005	S18	1.1	0.570	0.191	0.0148
360 minute summer	J24	23.007	J25	2.0	0.474	0.148	0.0257
360 minute summer	J25	23.008	J26	2.3	0.486	0.170	0.0231
360 minute summer	J26	23.009	S19	2.6	0.559	0.194	0.0171

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J27	192	185.515	0.054	3.5	0.0615	0.0000	OK
360 minute summer	J28	184	186.384	0.028	1.0	0.0320	0.0000	OK
360 minute summer	J29	184	186.304	0.032	1.2	0.0367	0.0000	OK
360 minute summer	J30	192	186.186	0.039	1.8	0.0445	0.0000	OK
360 minute summer	J31	192	186.160	0.041	2.1	0.0463	0.0000	OK
360 minute summer	J32	192	186.108	0.044	2.4	0.0501	0.0000	OK
360 minute summer	J33	192	185.641	0.031	3.3	0.0347	0.0000	OK
360 minute summer	J34	192	185.177	0.052	4.1	0.0584	0.0000	OK
360 minute summer	J35	192	185.109	0.034	4.4	0.0383	0.0000	OK
360 minute summer	J36	192	184.931	0.055	4.7	0.0627	0.0000	OK
360 minute summer	J37	192	184.636	0.061	5.3	0.0693	0.0000	OK
360 minute summer	J38	192	184.446	0.071	5.8	0.0799	0.0000	OK
360 minute summer	J39	192	184.409	0.071	6.1	0.0803	0.0000	OK
360 minute summer	J40	192	184.386	0.061	6.4	0.0694	0.0000	OK
360 minute summer	J41	184	184.617	0.020	0.5	0.0231	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J27	23.011	S4	3.5	0.518	0.116	0.0161
360 minute summer	J28	32.001	J29	1.0	0.505	0.171	0.0177
360 minute summer	J29	32.002	S12	1.2	0.578	0.207	0.0099
360 minute summer	J30	32.004	J31	1.8	0.469	0.134	0.0188
360 minute summer	J31	32.005	J32	2.1	0.501	0.155	0.0401
360 minute summer	J32	32.006	S13	2.4	0.691	0.180	0.0185
360 minute summer	J33	32.008	S14	3.3	0.820	0.092	0.0366
360 minute summer	J34	32.010	J35	4.1	0.789	0.107	0.0477
360 minute summer	J35	32.011	J36	4.4	0.786	0.049	0.0389
360 minute summer	J36	32.012	S15	4.7	0.812	0.155	0.0138
360 minute summer	J37	32.014	S16	5.4	0.934	0.176	0.0307
360 minute summer	J38	32.016	J39	5.9	0.548	0.194	0.1156
360 minute summer	J39	32.017	J40	6.1	0.633	0.200	0.0356
360 minute summer	J40	32.018	S10	6.4	0.757	0.148	0.0806
360 minute summer	J41	48.002	J42	0.5	0.405	0.090	0.0082

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J42	192	184.562	0.025	0.8	0.0280	0.0000	OK
360 minute summer	J43	192	184.397	0.037	1.5	0.0422	0.0000	OK
360 minute summer	J44	192	184.387	0.036	1.7	0.0412	0.0000	OK
360 minute summer	J45	192	184.346	0.046	2.0	0.0521	0.0000	OK
360 minute summer	J46	192	184.323	0.051	2.7	0.0575	0.0000	OK
360 minute summer	J47	192	184.301	0.053	3.0	0.0597	0.0000	OK
360 minute summer	J48	192	184.212	0.058	3.7	0.0654	0.0000	OK
360 minute summer	J49	192	184.197	0.068	4.0	0.0772	0.0000	OK
360 minute summer	J50	192	184.191	0.066	4.3	0.0742	0.0000	OK
360 minute summer	J51	192	184.179	0.071	4.5	0.0804	0.0000	OK
360 minute summer	J52	192	184.171	0.067	4.9	0.0760	0.0000	OK
360 minute summer	J53	192	184.152	0.065	5.2	0.0739	0.0000	OK
360 minute summer	J54	192	185.002	0.023	0.6	0.0257	0.0000	OK
360 minute summer	J55	192	184.971	0.027	0.9	0.0307	0.0000	OK
360 minute summer	J56	192	184.048	0.081	7.4	0.0912	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J42	48.003	S21	0.8	0.442	0.134	0.0148
360 minute summer	J43	48.005	J44	1.5	0.434	0.104	0.0054
360 minute summer	J44	48.006	J45	1.7	0.442	0.130	0.0346
360 minute summer	J45	48.007	S22	2.0	0.413	0.149	0.0117
360 minute summer	J46	48.009	J47	2.8	0.511	0.206	0.0227
360 minute summer	J47	48.010	S23	3.0	0.576	0.225	0.0137
360 minute summer	J48	48.012	J49	3.7	0.410	0.124	0.0678
360 minute summer	J49	48.013	J50	4.0	0.405	0.131	0.0112
360 minute summer	J50	48.014	J51	4.3	0.421	0.143	0.0516
360 minute summer	J51	48.015	J52	4.5	0.438	0.148	0.0117
360 minute summer	J52	48.016	J53	4.9	0.507	0.162	0.0475
360 minute summer	J53	48.017	S24	5.2	0.587	0.172	0.0907
360 minute summer	J54	65.002	J55	0.6	0.407	0.105	0.0056
360 minute summer	J55	65.003	S24	0.9	0.536	0.153	0.0132
360 minute summer	J56	48.019	J57	7.4	0.486	0.137	0.1392

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Results for 2 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J57	192	184.026	0.081	7.7	0.0920	0.0000	OK
360 minute summer	BASIN 1	288	185.438	0.438	11.1	51.8284	0.0000	SURCHARGED
360 minute summer	BASIN 2	600	184.507	0.207	1.0	18.9030	0.0000	OK
360 minute summer	BASIN 3	376	183.154	0.054	7.1	37.3801	0.0000	OK
360 minute summer	BASIN 4	344	183.612	0.282	7.7	37.1414	0.0000	OK
360 minute summer	SWALE 1	296	184.959	0.027	0.9	0.0309	0.0000	OK
360 minute summer	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWALE 3	192	184.136	0.066	7.1	0.0741	0.0000	OK
360 minute summer	BH1	600	184.507	0.430	0.7	2.0488	0.0000	OK
360 minute summer	BH2	376	183.154	0.102	1.6	2.1119	0.0000	OK
360 minute summer	BH3	344	183.612	0.306	1.8	3.0346	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J57	48.020	S25	7.7	0.519	0.142	0.1174
360 minute summer	BASIN 1	1.023	S5	0.9	0.094	0.017	0.6013
360 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
360 minute summer	BASIN 2	71.000	BH1	0.7	0.389	0.111	0.1829
360 minute summer	BASIN 3	1.034	BH2	1.6	0.306	0.019	0.4568
360 minute summer	BASIN 4	48.022	BH3	1.8	0.441	0.033	0.7095
360 minute summer	SWALE 1	1.025	S6	0.9	0.288	0.017	0.1213
360 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
360 minute summer	SWALE 3	1.033	BASIN 3	7.1	0.646	0.103	0.4779
360 minute summer	BH1	Infiltration		0.1			
360 minute summer	BH2	Infiltration		0.2			
360 minute summer	BH3	Infiltration		0.2			

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S1	184	188.383	0.013	0.3	0.0172	0.0000	OK
360 minute winter	S2	192	187.096	0.057	3.8	0.0838	0.0000	OK
360 minute winter	S3	192	186.274	0.062	5.4	0.0801	0.0000	OK
360 minute winter	S4	304	185.481	0.103	8.7	0.1223	0.0000	OK
360 minute winter	S5	304	185.481	0.501	1.0	0.5666	0.0000	SURCHARGED
360 minute winter	S6	312	184.873	0.028	1.0	0.0322	0.0000	OK
360 minute winter	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
360 minute winter	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
360 minute winter	S9	192	184.222	0.022	0.0	0.0243	0.0000	OK
360 minute winter	S10	192	184.222	0.038	5.6	0.0573	0.0000	OK
360 minute winter	S11	176	186.422	0.022	0.6	0.0360	0.0000	OK
360 minute winter	S12	200	186.208	0.032	1.2	0.0358	0.0000	OK
360 minute winter	S13	192	186.062	0.028	2.3	0.0392	0.0000	OK
360 minute winter	S14	184	185.296	0.046	3.1	0.0723	0.0000	OK
360 minute winter	S15	184	184.899	0.032	4.1	0.0448	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	S1	1.000	J1	0.3	0.345	0.034	0.0073
360 minute winter	S2	1.012	J12	3.8	0.526	0.126	0.0107
360 minute winter	S3	1.019	J18	5.4	0.832	0.177	0.0339
360 minute winter	S4	1.022	BASIN 1	8.7	0.858	0.052	0.7677
360 minute winter	S5	1.024	SWALE 1	1.0	0.294	0.018	0.0670
360 minute winter	S6	1.026	BASIN 2	1.0	0.340	0.018	0.0165
360 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
360 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0134
360 minute winter	S9	1.031	S10	0.0	-0.015	0.000	0.0243
360 minute winter	S10	1.032	SWALE 3	5.6	0.781	0.031	0.0320
360 minute winter	S11	32.000	J28	0.6	0.432	0.101	0.0063
360 minute winter	S12	32.003	J30	1.2	0.416	0.090	0.0147
360 minute winter	S13	32.007	J33	2.3	1.035	0.071	0.0286
360 minute winter	S14	32.009	J34	3.1	0.716	0.181	0.0230
360 minute winter	S15	32.013	J37	4.1	0.756	0.044	0.0510

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S16	184	184.584	0.027	4.5	0.0340	0.0000	OK
360 minute winter	S17	208	186.012	0.012	0.2	0.0131	0.0000	OK
360 minute winter	S18	200	185.698	0.037	1.4	0.0522	0.0000	OK
360 minute winter	S19	200	185.537	0.046	2.6	0.0633	0.0000	OK
360 minute winter	S20	216	184.660	0.018	0.4	0.0220	0.0000	OK
360 minute winter	S21	216	184.486	0.027	0.9	0.0325	0.0000	OK
360 minute winter	S22	208	184.329	0.043	1.9	0.0526	0.0000	OK
360 minute winter	S23	200	184.211	0.053	2.7	0.0625	0.0000	OK
360 minute winter	S24	184	184.050	0.073	5.7	0.1058	0.0000	OK
360 minute winter	S25	200	183.994	0.068	6.0	0.0766	0.0000	OK
360 minute winter	S26	208	185.390	0.013	0.3	0.0156	0.0000	OK
360 minute winter	FC1	224	188.302	0.052	0.2	0.0686	0.0000	OK
360 minute winter	FC2	224	188.202	0.052	0.2	0.0689	0.0000	OK
360 minute winter	FC3	200	188.363	0.163	0.4	0.2358	0.0000	SURCHARGED
360 minute winter	FC4	208	188.251	0.050	0.2	0.0652	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	S16	32.015	J38	4.5	0.801	0.030	0.0134
360 minute winter	S17	23.001	J20	0.2	0.264	0.028	0.0050
360 minute winter	S18	23.006	J24	1.4	0.422	0.103	0.0061
360 minute winter	S19	23.010	J27	2.6	0.427	0.086	0.0539
360 minute winter	S20	48.001	J41	0.4	0.424	0.067	0.0044
360 minute winter	S21	48.004	J43	0.9	0.532	0.152	0.0086
360 minute winter	S22	48.008	J46	1.9	0.454	0.141	0.0102
360 minute winter	S23	48.011	J48	2.7	0.396	0.087	0.0076
360 minute winter	S24	48.018	J56	5.7	0.440	0.106	0.0547
360 minute winter	S25	48.021	BASIN 4	6.0	0.563	0.109	0.0341
360 minute winter	S26	65.001	J54	0.3	0.515	0.034	0.0050
360 minute winter	FC1	2.000	J1	0.2	0.265	0.032	0.0042
360 minute winter	FC2	3.000	J2	0.2	0.179	0.034	0.0060
360 minute winter	FC3	4.000	J3	0.4	0.444	0.061	0.0081
360 minute winter	FC4	5.000	J4	0.2	0.412	0.026	0.0036

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC5	224	188.052	0.052	0.2	0.0693	0.0000	OK
360 minute winter	FC6	208	187.900	0.050	0.2	0.0647	0.0000	OK
360 minute winter	FC7	208	187.801	0.051	0.2	0.0656	0.0000	OK
360 minute winter	FC8	224	187.800	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC9	208	187.522	0.052	0.2	0.0669	0.0000	OK
360 minute winter	FC10	216	187.573	0.102	0.3	0.1446	0.0000	SURCHARGED
360 minute winter	FC11	216	187.372	0.052	0.2	0.0681	0.0000	OK
360 minute winter	FC12	216	187.282	0.052	0.2	0.0681	0.0000	OK
360 minute winter	FC13	224	187.052	0.052	0.2	0.0691	0.0000	OK
360 minute winter	FC14	224	186.941	0.041	0.2	0.5186	0.0000	OK
360 minute winter	FC15	208	187.250	0.050	0.2	0.0647	0.0000	OK
360 minute winter	FC16	208	186.951	0.051	0.2	0.0663	0.0000	OK
360 minute winter	FC17	208	187.050	0.050	0.2	0.0647	0.0000	OK
360 minute winter	FC18	208	186.602	0.052	0.2	0.0670	0.0000	OK
360 minute winter	FC19	224	186.452	0.052	0.2	0.0692	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024
360 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032
360 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037
360 minute winter	FC8	9.000	J8	0.2	0.488	0.021	0.0017
360 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041
360 minute winter	FC10	11.000	J10	0.3	0.423	0.045	0.0044
360 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0045
360 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040
360 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039
360 minute winter	FC14	15.000	J13	0.2	0.332	0.029	0.0039
360 minute winter	FC15	16.000	J14	0.2	0.731	0.011	0.0013
360 minute winter	FC16	17.000	J15	0.2	0.370	0.031	0.0041
360 minute winter	FC17	18.000	J16	0.2	0.585	0.016	0.0016
360 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0040
360 minute winter	FC19	20.000	S3	0.2	0.347	0.034	0.0038

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC20	224	187.000	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC21	224	186.352	0.052	0.2	0.0692	0.0000	OK
360 minute winter	FC22	208	186.488	0.038	0.2	0.3736	0.0000	OK
360 minute winter	FC23	208	186.352	0.052	0.2	0.0666	0.0000	OK
360 minute winter	FC24	224	186.351	0.051	0.2	0.0675	0.0000	OK
360 minute winter	FC25	224	186.600	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC26	208	186.488	0.038	0.2	0.3842	0.0000	OK
360 minute winter	FC27	208	186.550	0.050	0.2	0.0647	0.0000	OK
360 minute winter	FC28	224	186.550	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC29	192	186.589	0.089	0.3	0.1207	0.0000	OK
360 minute winter	FC30	224	186.800	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC31	208	186.500	0.050	0.2	0.0647	0.0000	OK
360 minute winter	FC32	208	186.500	0.050	0.2	0.0647	0.0000	OK
360 minute winter	FC33	224	186.500	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC34	224	186.502	0.052	0.2	0.0689	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013
360 minute winter	FC21	22.000	J19	0.2	0.347	0.034	0.0044
360 minute winter	FC22	23.000	S17	0.2	0.469	0.009	0.0017
360 minute winter	FC23	24.000	J20	0.2	0.362	0.032	0.0025
360 minute winter	FC24	25.000	J21	0.2	0.405	0.027	0.0023
360 minute winter	FC25	26.000	J22	0.2	0.687	0.013	0.0014
360 minute winter	FC26	27.000	J23	0.2	0.574	0.012	0.0013
360 minute winter	FC27	28.000	J24	0.2	0.754	0.011	0.0012
360 minute winter	FC28	29.000	J25	0.2	0.691	0.012	0.0013
360 minute winter	FC29	30.000	J26	0.3	0.745	0.018	0.0018
360 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0014
360 minute winter	FC31	33.000	J28	0.2	0.229	0.022	0.0041
360 minute winter	FC32	34.000	J29	0.2	0.204	0.016	0.0046
360 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013
360 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC35	224	186.500	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC36	192	186.539	0.089	0.3	0.1207	0.0000	OK
360 minute winter	FC37	208	185.900	0.100	0.3	0.1389	0.0000	OK
360 minute winter	FC38	208	185.486	0.036	0.2	0.4307	0.0000	OK
360 minute winter	FC39	208	185.500	0.050	0.2	0.0647	0.0000	OK
360 minute winter	FC40	224	185.550	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC41	224	184.900	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC42	224	184.650	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC43	224	184.650	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC44	176	184.610	0.009	0.2	0.0122	0.0000	OK
360 minute winter	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
360 minute winter	FC46	216	184.803	0.103	0.3	0.1454	0.0000	SURCHARGED
360 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute winter	FC48	224	184.850	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC49	224	184.852	0.052	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016
360 minute winter	FC36	38.000	J32	0.3	0.760	0.018	0.0019
360 minute winter	FC37	39.000	J33	0.3	0.518	0.034	0.0038
360 minute winter	FC38	40.000	J34	0.2	0.544	0.013	0.0014
360 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014
360 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013
360 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0020
360 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0022
360 minute winter	FC43	45.000	J39	0.2	0.526	0.019	0.0016
360 minute winter	FC44	46.000	J40	0.2	0.541	0.018	0.0016
360 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
360 minute winter	FC46	48.000	S20	0.3	0.350	0.050	0.0051
360 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0024
360 minute winter	FC48	50.000	J42	0.2	0.280	0.014	0.0039
360 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC50	224	184.852	0.052	0.2	0.0692	0.0000	OK
360 minute winter	FC51	224	184.902	0.052	0.2	0.0692	0.0000	OK
360 minute winter	FC52	200	185.347	0.097	0.3	0.1328	0.0000	OK
360 minute winter	FC53	224	185.300	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC54	208	185.300	0.050	0.2	0.0647	0.0000	OK
360 minute winter	FC55	208	185.300	0.050	0.2	0.0647	0.0000	OK
360 minute winter	FC56	224	185.400	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC57	224	185.400	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC58	208	185.400	0.050	0.2	0.0647	0.0000	OK
360 minute winter	FC59	208	185.400	0.050	0.2	0.0647	0.0000	OK
360 minute winter	FC60	224	185.400	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC61	224	185.350	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC62	192	185.397	0.147	0.4	0.2097	0.0000	SURCHARGED
360 minute winter	FC63	208	185.452	0.052	0.2	0.0673	0.0000	OK
360 minute winter	FC64	224	185.052	0.052	0.2	0.0689	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027
360 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035
360 minute winter	FC52	58.000	S23	0.3	0.562	0.029	0.0029
360 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018
360 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015
360 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013
360 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019
360 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020
360 minute winter	FC58	56.000	J46	0.2	0.613	0.015	0.0020
360 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0022
360 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023
360 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033
360 minute winter	FC62	63.000	J52	0.4	0.498	0.048	0.0069
360 minute winter	FC63	65.000	S26	0.2	0.337	0.034	0.0014
360 minute winter	FC64	66.000	J54	0.2	0.279	0.034	0.0019

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC65	224	185.200	0.050	0.2	0.0668	0.0000	OK
360 minute winter	FC66	224	185.051	0.051	0.2	0.0680	0.0000	OK
360 minute winter	FC67	208	184.838	0.038	0.2	0.3936	0.0000	OK
360 minute winter	FC68	208	184.600	0.050	0.2	0.0647	0.0000	OK
360 minute winter	J1	192	188.221	0.021	0.8	0.0284	0.0000	OK
360 minute winter	J2	192	188.137	0.031	1.0	0.0352	0.0000	OK
360 minute winter	J3	192	188.079	0.033	1.4	0.0374	0.0000	OK
360 minute winter	J4	192	188.058	0.023	1.6	0.0264	0.0000	OK
360 minute winter	J5	192	187.932	0.022	1.8	0.0249	0.0000	OK
360 minute winter	J6	192	187.680	0.030	2.0	0.0336	0.0000	OK
360 minute winter	J7	192	187.641	0.041	2.2	0.0461	0.0000	OK
360 minute winter	J8	192	187.622	0.029	2.4	0.0332	0.0000	OK
360 minute winter	J9	192	187.317	0.041	2.6	0.0469	0.0000	OK
360 minute winter	J10	192	187.294	0.024	2.9	0.0267	0.0000	OK
360 minute winter	J11	192	187.155	0.034	3.1	0.0380	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC65	67.000	J55	0.2	0.293	0.011	0.0018
360 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011
360 minute winter	FC67	69.000	J56	0.2	0.321	0.028	0.0011
360 minute winter	FC68	70.000	J57	0.2	0.457	0.022	0.0010
360 minute winter	J1	1.001	J2	0.8	0.494	0.096	0.0082
360 minute winter	J2	1.002	J3	1.0	0.520	0.169	0.0020
360 minute winter	J3	1.003	J4	1.4	0.601	0.104	0.0045
360 minute winter	J4	1.004	J5	1.6	0.941	0.047	0.0059
360 minute winter	J5	1.005	J6	1.8	0.877	0.046	0.0116
360 minute winter	J6	1.006	J7	2.0	0.627	0.069	0.0062
360 minute winter	J7	1.007	J8	2.2	0.695	0.156	0.0035
360 minute winter	J8	1.008	J9	2.4	1.000	0.078	0.0201
360 minute winter	J9	1.009	J10	2.6	0.741	0.078	0.0043
360 minute winter	J10	1.010	J11	2.9	0.981	0.022	0.0072
360 minute winter	J11	1.011	S2	3.1	0.539	0.048	0.0311

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J12	192	186.846	0.037	4.0	0.0418	0.0000	OK
360 minute winter	J13	192	186.768	0.066	4.1	0.0742	0.0000	OK
360 minute winter	J14	192	186.759	0.064	4.3	0.0719	0.0000	OK
360 minute winter	J15	192	186.746	0.058	4.5	0.0659	0.0000	OK
360 minute winter	J16	192	186.717	0.047	4.7	0.0529	0.0000	OK
360 minute winter	J17	192	186.387	0.029	4.9	0.0330	0.0000	OK
360 minute winter	J18	192	186.232	0.038	5.6	0.0428	0.0000	OK
360 minute winter	J19	192	186.094	0.067	5.8	0.0755	0.0000	OK
360 minute winter	J20	208	185.948	0.017	0.4	0.0194	0.0000	OK
360 minute winter	J21	208	185.916	0.021	0.6	0.0236	0.0000	OK
360 minute winter	J22	208	185.843	0.025	0.8	0.0288	0.0000	OK
360 minute winter	J23	208	185.811	0.028	0.9	0.0312	0.0000	OK
360 minute winter	J24	200	185.687	0.037	1.6	0.0416	0.0000	OK
360 minute winter	J25	200	185.655	0.040	1.8	0.0450	0.0000	OK
360 minute winter	J26	200	185.630	0.043	2.1	0.0484	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J12	1.013	J13	4.0	0.584	0.059	0.0448
360 minute winter	J13	1.014	J14	4.1	0.438	0.131	0.0178
360 minute winter	J14	1.015	J15	4.3	0.498	0.138	0.0166
360 minute winter	J15	1.016	J16	4.5	0.642	0.147	0.0361
360 minute winter	J16	1.017	J17	4.7	0.848	0.078	0.0187
360 minute winter	J17	1.018	S3	4.9	0.861	0.034	0.0111
360 minute winter	J18	1.020	J19	5.6	1.442	0.043	0.0058
360 minute winter	J19	1.021	S4	5.8	0.557	0.105	0.0459
360 minute winter	J20	23.002	J21	0.4	0.353	0.062	0.0039
360 minute winter	J21	23.003	J22	0.6	0.413	0.096	0.0110
360 minute winter	J22	23.004	J23	0.8	0.461	0.128	0.0060
360 minute winter	J23	23.005	S18	0.9	0.541	0.157	0.0129
360 minute winter	J24	23.007	J25	1.6	0.456	0.122	0.0219
360 minute winter	J25	23.008	J26	1.8	0.461	0.137	0.0195
360 minute winter	J26	23.009	S19	2.1	0.528	0.157	0.0146

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J27	200	185.510	0.048	2.8	0.0548	0.0000	OK
360 minute winter	J28	200	186.381	0.025	0.8	0.0282	0.0000	OK
360 minute winter	J29	200	186.300	0.029	1.0	0.0328	0.0000	OK
360 minute winter	J30	200	186.182	0.035	1.4	0.0391	0.0000	OK
360 minute winter	J31	200	186.155	0.036	1.6	0.0405	0.0000	OK
360 minute winter	J32	192	186.103	0.039	1.9	0.0444	0.0000	OK
360 minute winter	J33	192	185.637	0.027	2.6	0.0309	0.0000	OK
360 minute winter	J34	184	185.171	0.046	3.3	0.0521	0.0000	OK
360 minute winter	J35	184	185.105	0.030	3.5	0.0342	0.0000	OK
360 minute winter	J36	184	184.924	0.049	3.7	0.0559	0.0000	OK
360 minute winter	J37	184	184.630	0.055	4.3	0.0621	0.0000	OK
360 minute winter	J38	184	184.437	0.062	4.6	0.0704	0.0000	OK
360 minute winter	J39	184	184.401	0.063	4.8	0.0708	0.0000	OK
360 minute winter	J40	192	184.379	0.054	5.0	0.0613	0.0000	OK
360 minute winter	J41	216	184.615	0.018	0.4	0.0199	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J27	23.011	S4	2.8	0.489	0.093	0.0137
360 minute winter	J28	32.001	J29	0.8	0.470	0.135	0.0150
360 minute winter	J29	32.002	S12	1.0	0.547	0.168	0.0085
360 minute winter	J30	32.004	J31	1.4	0.446	0.105	0.0156
360 minute winter	J31	32.005	J32	1.6	0.467	0.120	0.0335
360 minute winter	J32	32.006	S13	1.9	0.644	0.141	0.0156
360 minute winter	J33	32.008	S14	2.6	0.779	0.072	0.0307
360 minute winter	J34	32.010	J35	3.3	0.736	0.085	0.0406
360 minute winter	J35	32.011	J36	3.5	0.733	0.039	0.0330
360 minute winter	J36	32.012	S15	3.7	0.753	0.122	0.0117
360 minute winter	J37	32.014	S16	4.3	0.866	0.140	0.0263
360 minute winter	J38	32.016	J39	4.6	0.518	0.154	0.0970
360 minute winter	J39	32.017	J40	4.8	0.593	0.157	0.0299
360 minute winter	J40	32.018	S10	5.0	0.710	0.117	0.0679
360 minute winter	J41	48.002	J42	0.4	0.371	0.067	0.0067

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J42	216	184.559	0.022	0.6	0.0243	0.0000	OK
360 minute winter	J43	216	184.392	0.032	1.1	0.0362	0.0000	OK
360 minute winter	J44	216	184.382	0.032	1.3	0.0356	0.0000	OK
360 minute winter	J45	208	184.339	0.039	1.5	0.0436	0.0000	OK
360 minute winter	J46	208	184.316	0.044	2.1	0.0493	0.0000	OK
360 minute winter	J47	208	184.294	0.046	2.3	0.0517	0.0000	OK
360 minute winter	J48	200	184.204	0.050	2.9	0.0563	0.0000	OK
360 minute winter	J49	200	184.188	0.059	3.1	0.0663	0.0000	OK
360 minute winter	J50	200	184.181	0.056	3.3	0.0636	0.0000	OK
360 minute winter	J51	200	184.170	0.062	3.5	0.0699	0.0000	OK
360 minute winter	J52	200	184.163	0.059	3.8	0.0664	0.0000	OK
360 minute winter	J53	200	184.145	0.058	4.0	0.0651	0.0000	OK
360 minute winter	J54	208	184.999	0.020	0.5	0.0230	0.0000	OK
360 minute winter	J55	208	184.968	0.024	0.7	0.0269	0.0000	OK
360 minute winter	J56	184	184.038	0.071	5.8	0.0798	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J42	48.003	S21	0.6	0.405	0.102	0.0122
360 minute winter	J43	48.005	J44	1.1	0.405	0.079	0.0044
360 minute winter	J44	48.006	J45	1.3	0.418	0.097	0.0274
360 minute winter	J45	48.007	S22	1.5	0.399	0.111	0.0092
360 minute winter	J46	48.009	J47	2.1	0.478	0.157	0.0185
360 minute winter	J47	48.010	S23	2.3	0.537	0.172	0.0113
360 minute winter	J48	48.012	J49	2.9	0.393	0.097	0.0548
360 minute winter	J49	48.013	J50	3.1	0.387	0.101	0.0091
360 minute winter	J50	48.014	J51	3.3	0.397	0.110	0.0421
360 minute winter	J51	48.015	J52	3.5	0.410	0.114	0.0097
360 minute winter	J52	48.016	J53	3.8	0.475	0.126	0.0395
360 minute winter	J53	48.017	S24	4.0	0.549	0.134	0.0758
360 minute winter	J54	65.002	J55	0.5	0.391	0.084	0.0047
360 minute winter	J55	65.003	S24	0.7	0.499	0.119	0.0110
360 minute winter	J56	48.019	J57	5.8	0.458	0.107	0.1155

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Results for 2 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J57	200	184.016	0.071	6.0	0.0807	0.0000	OK
360 minute winter	BASIN 1	304	185.481	0.481	8.7	57.4705	0.0000	SURCHARGED
360 minute winter	BASIN 2	600	184.522	0.222	1.0	20.3904	0.0000	OK
360 minute winter	BASIN 3	368	183.160	0.060	5.9	41.9225	0.0000	OK
360 minute winter	BASIN 4	360	183.653	0.323	6.0	42.9251	0.0000	SURCHARGED
360 minute winter	SWALE 1	304	184.960	0.028	1.0	0.0316	0.0000	OK
360 minute winter	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
360 minute winter	SWALE 3	192	184.128	0.058	5.6	0.0659	0.0000	OK
360 minute winter	BH1	600	184.522	0.445	0.7	2.0930	0.0000	OK
360 minute winter	BH2	368	183.160	0.108	1.4	2.1441	0.0000	OK
360 minute winter	BH3	360	183.653	0.347	2.0	3.2269	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J57	48.020	S25	6.0	0.486	0.111	0.0978
360 minute winter	BASIN 1	1.023	S5	1.0	0.111	0.018	0.6013
360 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
360 minute winter	BASIN 2	71.000	BH1	0.7	0.396	0.111	0.1829
360 minute winter	BASIN 3	1.034	BH2	1.4	0.289	0.017	0.5098
360 minute winter	BASIN 4	48.022	BH3	2.0	0.420	0.037	0.7181
360 minute winter	SWALE 1	1.025	S6	1.0	0.292	0.018	0.1254
360 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
360 minute winter	SWALE 3	1.033	BASIN 3	5.6	0.605	0.081	0.4034
360 minute winter	BH1	Infiltration		0.1			
360 minute winter	BH2	Infiltration		0.2			
360 minute winter	BH3	Infiltration		0.2			

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S1	240	188.383	0.013	0.3	0.0172	0.0000	OK
480 minute summer	S2	248	187.099	0.059	4.1	0.0875	0.0000	OK
480 minute summer	S3	256	186.276	0.064	5.9	0.0834	0.0000	OK
480 minute summer	S4	352	185.431	0.053	9.7	0.0634	0.0000	OK
480 minute summer	S5	352	185.431	0.451	0.9	0.5105	0.0000	SURCHARGED
480 minute summer	S6	360	184.872	0.028	0.9	0.0314	0.0000	OK
480 minute summer	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
480 minute summer	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
480 minute summer	S9	248	184.223	0.023	0.0	0.0265	0.0000	OK
480 minute summer	S10	248	184.223	0.039	6.2	0.0602	0.0000	OK
480 minute summer	S11	248	186.424	0.024	0.7	0.0391	0.0000	OK
480 minute summer	S12	248	186.210	0.034	1.4	0.0382	0.0000	OK
480 minute summer	S13	248	186.063	0.029	2.6	0.0415	0.0000	OK
480 minute summer	S14	248	185.298	0.048	3.4	0.0760	0.0000	OK
480 minute summer	S15	248	184.900	0.033	4.4	0.0467	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	S1	1.000	J1	0.3	0.344	0.034	0.0075
480 minute summer	S2	1.012	J12	4.1	0.540	0.137	0.0114
480 minute summer	S3	1.019	J18	5.9	0.848	0.192	0.0360
480 minute summer	S4	1.022	BASIN 1	9.7	0.799	0.058	0.6596
480 minute summer	S5	1.024	SWALE 1	0.9	0.289	0.017	0.0645
480 minute summer	S6	1.026	BASIN 2	0.9	0.335	0.017	0.0158
480 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
480 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0152
480 minute summer	S9	1.031	S10	0.0	-0.015	0.000	0.0266
480 minute summer	S10	1.032	SWALE 3	6.2	0.799	0.034	0.0341
480 minute summer	S11	32.000	J28	0.7	0.452	0.118	0.0070
480 minute summer	S12	32.003	J30	1.4	0.425	0.102	0.0162
480 minute summer	S13	32.007	J33	2.6	1.075	0.079	0.0309
480 minute summer	S14	32.009	J34	3.4	0.733	0.198	0.0246
480 minute summer	S15	32.013	J37	4.4	0.774	0.048	0.0543

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S16	248	184.585	0.028	4.9	0.0355	0.0000	OK
480 minute summer	S17	272	186.011	0.011	0.2	0.0128	0.0000	OK
480 minute summer	S18	248	185.700	0.039	1.6	0.0557	0.0000	OK
480 minute summer	S19	248	185.540	0.049	2.9	0.0675	0.0000	OK
480 minute summer	S20	256	184.661	0.019	0.4	0.0233	0.0000	OK
480 minute summer	S21	256	184.489	0.030	1.1	0.0356	0.0000	OK
480 minute summer	S22	256	184.334	0.048	2.3	0.0589	0.0000	OK
480 minute summer	S23	256	184.216	0.058	3.1	0.0683	0.0000	OK
480 minute summer	S24	256	184.055	0.078	6.4	0.1135	0.0000	OK
480 minute summer	S25	256	183.998	0.072	6.8	0.0817	0.0000	OK
480 minute summer	S26	264	185.390	0.013	0.3	0.0155	0.0000	OK
480 minute summer	FC1	248	188.333	0.083	0.3	0.1099	0.0000	OK
480 minute summer	FC2	248	188.233	0.083	0.3	0.1102	0.0000	OK
480 minute summer	FC3	256	188.355	0.155	0.4	0.2252	0.0000	SURCHARGED
480 minute summer	FC4	264	188.250	0.050	0.2	0.0650	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	S16	32.015	J38	4.9	0.816	0.033	0.0144
480 minute summer	S17	23.001	J20	0.2	0.259	0.027	0.0049
480 minute summer	S18	23.006	J24	1.6	0.438	0.117	0.0067
480 minute summer	S19	23.010	J27	2.9	0.439	0.098	0.0593
480 minute summer	S20	48.001	J41	0.4	0.438	0.075	0.0047
480 minute summer	S21	48.004	J43	1.1	0.557	0.181	0.0098
480 minute summer	S22	48.008	J46	2.3	0.474	0.173	0.0119
480 minute summer	S23	48.011	J48	3.1	0.404	0.101	0.0087
480 minute summer	S24	48.018	J56	6.5	0.453	0.121	0.0604
480 minute summer	S25	48.021	BASIN 4	6.8	0.583	0.124	0.0374
480 minute summer	S26	65.001	J54	0.3	0.515	0.034	0.0050
480 minute summer	FC1	2.000	J1	0.3	0.281	0.042	0.0046
480 minute summer	FC2	3.000	J2	0.3	0.187	0.044	0.0067
480 minute summer	FC3	4.000	J3	0.4	0.441	0.059	0.0080
480 minute summer	FC4	5.000	J4	0.2	0.412	0.026	0.0036

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC5	248	188.083	0.083	0.3	0.1106	0.0000	OK
480 minute summer	FC6	264	187.900	0.050	0.2	0.0646	0.0000	OK
480 minute summer	FC7	264	187.801	0.051	0.2	0.0655	0.0000	OK
480 minute summer	FC8	248	187.831	0.081	0.3	0.1075	0.0000	OK
480 minute summer	FC9	264	187.522	0.052	0.2	0.0667	0.0000	OK
480 minute summer	FC10	256	187.601	0.131	0.4	0.1855	0.0000	SURCHARGED
480 minute summer	FC11	272	187.372	0.052	0.2	0.0681	0.0000	OK
480 minute summer	FC12	272	187.282	0.052	0.2	0.0681	0.0000	OK
480 minute summer	FC13	248	187.083	0.083	0.3	0.1104	0.0000	OK
480 minute summer	FC14	272	186.942	0.042	0.3	0.5354	0.0000	OK
480 minute summer	FC15	264	187.250	0.050	0.2	0.0646	0.0000	OK
480 minute summer	FC16	264	186.951	0.051	0.2	0.0661	0.0000	OK
480 minute summer	FC17	264	187.050	0.050	0.2	0.0646	0.0000	OK
480 minute summer	FC18	264	186.602	0.052	0.2	0.0668	0.0000	OK
480 minute summer	FC19	248	186.483	0.083	0.3	0.1105	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC5	6.000	J5	0.3	0.375	0.044	0.0029
480 minute summer	FC6	7.000	J6	0.2	0.453	0.023	0.0032
480 minute summer	FC7	8.000	J7	0.2	0.394	0.028	0.0037
480 minute summer	FC8	9.000	J8	0.3	0.529	0.027	0.0021
480 minute summer	FC9	10.000	J9	0.2	0.349	0.034	0.0041
480 minute summer	FC10	11.000	J10	0.3	0.441	0.052	0.0049
480 minute summer	FC11	12.000	J11	0.2	0.347	0.034	0.0045
480 minute summer	FC12	13.000	S2	0.2	0.347	0.034	0.0040
480 minute summer	FC13	14.000	J12	0.3	0.377	0.044	0.0048
480 minute summer	FC14	15.000	J13	0.2	0.334	0.029	0.0039
480 minute summer	FC15	16.000	J14	0.2	0.731	0.011	0.0013
480 minute summer	FC16	17.000	J15	0.2	0.370	0.031	0.0041
480 minute summer	FC17	18.000	J16	0.2	0.585	0.016	0.0016
480 minute summer	FC18	19.000	J17	0.2	0.347	0.034	0.0040
480 minute summer	FC19	20.000	S3	0.3	0.375	0.044	0.0046

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC20	248	187.031	0.081	0.3	0.1072	0.0000	OK
480 minute summer	FC21	248	186.383	0.083	0.3	0.1104	0.0000	OK
480 minute summer	FC22	264	186.486	0.036	0.2	0.3535	0.0000	OK
480 minute summer	FC23	264	186.351	0.051	0.2	0.0664	0.0000	OK
480 minute summer	FC24	248	186.382	0.082	0.3	0.1088	0.0000	OK
480 minute summer	FC25	248	186.631	0.081	0.3	0.1072	0.0000	OK
480 minute summer	FC26	264	186.486	0.036	0.2	0.3630	0.0000	OK
480 minute summer	FC27	264	186.550	0.050	0.2	0.0646	0.0000	OK
480 minute summer	FC28	248	186.581	0.081	0.3	0.1072	0.0000	OK
480 minute summer	FC29	256	186.594	0.094	0.3	0.1266	0.0000	OK
480 minute summer	FC30	248	186.831	0.081	0.3	0.1072	0.0000	OK
480 minute summer	FC31	264	186.500	0.050	0.2	0.0646	0.0000	OK
480 minute summer	FC32	264	186.500	0.050	0.2	0.0646	0.0000	OK
480 minute summer	FC33	248	186.531	0.081	0.3	0.1072	0.0000	OK
480 minute summer	FC34	248	186.533	0.083	0.3	0.1102	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC20	21.000	J18	0.3	0.755	0.017	0.0015
480 minute summer	FC21	22.000	J19	0.3	0.376	0.044	0.0053
480 minute summer	FC22	23.000	S17	0.2	0.464	0.009	0.0017
480 minute summer	FC23	24.000	J20	0.2	0.361	0.032	0.0025
480 minute summer	FC24	25.000	J21	0.3	0.440	0.035	0.0028
480 minute summer	FC25	26.000	J22	0.3	0.749	0.017	0.0017
480 minute summer	FC26	27.000	J23	0.2	0.567	0.012	0.0013
480 minute summer	FC27	28.000	J24	0.2	0.754	0.011	0.0012
480 minute summer	FC28	29.000	J25	0.3	0.753	0.017	0.0015
480 minute summer	FC29	30.000	J26	0.3	0.752	0.019	0.0018
480 minute summer	FC30	31.000	J27	0.3	0.703	0.018	0.0017
480 minute summer	FC31	33.000	J28	0.2	0.229	0.022	0.0044
480 minute summer	FC32	34.000	J29	0.2	0.204	0.016	0.0049
480 minute summer	FC33	35.000	S12	0.3	0.691	0.019	0.0016
480 minute summer	FC34	36.000	J30	0.3	0.387	0.042	0.0032

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC35	248	186.531	0.081	0.3	0.1072	0.0000	OK
480 minute summer	FC36	256	186.544	0.094	0.3	0.1266	0.0000	OK
480 minute summer	FC37	264	185.899	0.099	0.3	0.1376	0.0000	OK
480 minute summer	FC38	264	185.484	0.034	0.2	0.4042	0.0000	OK
480 minute summer	FC39	264	185.500	0.050	0.2	0.0646	0.0000	OK
480 minute summer	FC40	248	185.581	0.081	0.3	0.1072	0.0000	OK
480 minute summer	FC41	248	184.931	0.081	0.3	0.1073	0.0000	OK
480 minute summer	FC42	248	184.681	0.081	0.3	0.1079	0.0000	OK
480 minute summer	FC43	248	184.681	0.081	0.3	0.1072	0.0000	OK
480 minute summer	FC44	240	184.610	0.009	0.2	0.0122	0.0000	OK
480 minute summer	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
480 minute summer	FC46	256	184.832	0.132	0.4	0.1862	0.0000	SURCHARGED
480 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute summer	FC48	248	184.881	0.081	0.3	0.1072	0.0000	OK
480 minute summer	FC49	248	184.883	0.083	0.3	0.1106	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC35	37.000	J31	0.3	0.695	0.019	0.0020
480 minute summer	FC36	38.000	J32	0.3	0.766	0.018	0.0019
480 minute summer	FC37	39.000	J33	0.3	0.517	0.033	0.0038
480 minute summer	FC38	40.000	J34	0.2	0.537	0.012	0.0013
480 minute summer	FC39	41.000	J35	0.2	0.644	0.014	0.0014
480 minute summer	FC40	42.000	J36	0.3	0.855	0.014	0.0016
480 minute summer	FC41	43.000	J37	0.3	0.561	0.025	0.0024
480 minute summer	FC42	44.000	J38	0.3	0.488	0.031	0.0027
480 minute summer	FC43	45.000	J39	0.3	0.572	0.025	0.0020
480 minute summer	FC44	46.000	J40	0.2	0.541	0.018	0.0016
480 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
480 minute summer	FC46	48.000	S20	0.3	0.369	0.058	0.0056
480 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0026
480 minute summer	FC48	50.000	J42	0.3	0.317	0.019	0.0044
480 minute summer	FC49	51.000	S21	0.3	0.375	0.044	0.0031

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC50	248	184.883	0.083	0.3	0.1105	0.0000	OK
480 minute summer	FC51	248	184.933	0.083	0.3	0.1105	0.0000	OK
480 minute summer	FC52	256	185.344	0.094	0.3	0.1290	0.0000	OK
480 minute summer	FC53	248	185.331	0.081	0.3	0.1076	0.0000	OK
480 minute summer	FC54	264	185.300	0.050	0.2	0.0646	0.0000	OK
480 minute summer	FC55	264	185.300	0.050	0.2	0.0646	0.0000	OK
480 minute summer	FC56	248	185.431	0.081	0.3	0.1072	0.0000	OK
480 minute summer	FC57	248	185.431	0.081	0.3	0.1072	0.0000	OK
480 minute summer	FC58	264	185.400	0.050	0.2	0.0646	0.0000	OK
480 minute summer	FC59	264	185.400	0.050	0.2	0.0646	0.0000	OK
480 minute summer	FC60	248	185.431	0.081	0.3	0.1072	0.0000	OK
480 minute summer	FC61	248	185.381	0.081	0.3	0.1079	0.0000	OK
480 minute summer	FC62	248	185.382	0.132	0.4	0.1891	0.0000	SURCHARGED
480 minute summer	FC63	264	185.452	0.052	0.2	0.0671	0.0000	OK
480 minute summer	FC64	248	185.083	0.083	0.3	0.1102	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC50	52.000	J43	0.3	0.375	0.044	0.0033
480 minute summer	FC51	55.000	S22	0.3	0.376	0.044	0.0043
480 minute summer	FC52	58.000	S23	0.3	0.560	0.029	0.0028
480 minute summer	FC53	61.000	J50	0.3	0.513	0.028	0.0022
480 minute summer	FC54	62.000	J51	0.2	0.524	0.019	0.0015
480 minute summer	FC55	64.000	J53	0.2	0.659	0.013	0.0013
480 minute summer	FC56	53.000	J44	0.3	0.738	0.017	0.0024
480 minute summer	FC57	54.000	J45	0.3	0.693	0.019	0.0025
480 minute summer	FC58	56.000	J46	0.2	0.613	0.015	0.0020
480 minute summer	FC59	57.000	J47	0.2	0.569	0.017	0.0022
480 minute summer	FC60	59.000	J48	0.3	0.611	0.022	0.0029
480 minute summer	FC61	60.000	J49	0.3	0.491	0.030	0.0040
480 minute summer	FC62	63.000	J52	0.3	0.491	0.045	0.0067
480 minute summer	FC63	65.000	S26	0.2	0.337	0.034	0.0014
480 minute summer	FC64	66.000	J54	0.3	0.279	0.045	0.0021

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC65	248	185.231	0.081	0.3	0.1072	0.0000	OK
480 minute summer	FC66	248	185.082	0.082	0.3	0.1093	0.0000	OK
480 minute summer	FC67	264	184.836	0.036	0.2	0.3708	0.0000	OK
480 minute summer	FC68	264	184.600	0.050	0.2	0.0646	0.0000	OK
480 minute summer	J1	248	188.222	0.022	0.9	0.0295	0.0000	OK
480 minute summer	J2	248	188.139	0.033	1.1	0.0375	0.0000	OK
480 minute summer	J3	256	188.080	0.034	1.5	0.0389	0.0000	OK
480 minute summer	J4	256	188.059	0.024	1.7	0.0274	0.0000	OK
480 minute summer	J5	256	187.933	0.023	2.0	0.0261	0.0000	OK
480 minute summer	J6	256	187.681	0.031	2.2	0.0354	0.0000	OK
480 minute summer	J7	256	187.643	0.043	2.4	0.0481	0.0000	OK
480 minute summer	J8	256	187.624	0.031	2.6	0.0349	0.0000	OK
480 minute summer	J9	256	187.318	0.043	2.8	0.0490	0.0000	OK
480 minute summer	J10	256	187.295	0.025	3.2	0.0281	0.0000	OK
480 minute summer	J11	256	187.157	0.036	3.4	0.0402	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC65	67.000	J55	0.3	0.299	0.014	0.0021
480 minute summer	FC66	68.000	S24	0.3	0.423	0.037	0.0013
480 minute summer	FC67	69.000	J56	0.2	0.317	0.027	0.0010
480 minute summer	FC68	70.000	J57	0.2	0.457	0.022	0.0010
480 minute summer	J1	1.001	J2	0.9	0.494	0.104	0.0088
480 minute summer	J2	1.002	J3	1.1	0.536	0.189	0.0022
480 minute summer	J3	1.003	J4	1.5	0.618	0.113	0.0048
480 minute summer	J4	1.004	J5	1.7	0.954	0.050	0.0063
480 minute summer	J5	1.005	J6	2.0	0.899	0.051	0.0124
480 minute summer	J6	1.006	J7	2.2	0.641	0.076	0.0066
480 minute summer	J7	1.007	J8	2.4	0.707	0.169	0.0038
480 minute summer	J8	1.008	J9	2.6	1.028	0.086	0.0215
480 minute summer	J9	1.009	J10	2.8	0.753	0.084	0.0046
480 minute summer	J10	1.010	J11	3.2	1.003	0.024	0.0078
480 minute summer	J11	1.011	S2	3.4	0.554	0.052	0.0331

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J12	248	186.848	0.039	4.4	0.0442	0.0000	OK
480 minute summer	J13	248	186.771	0.069	4.5	0.0779	0.0000	OK
480 minute summer	J14	256	186.762	0.067	4.7	0.0752	0.0000	OK
480 minute summer	J15	256	186.749	0.061	4.9	0.0688	0.0000	OK
480 minute summer	J16	256	186.719	0.049	5.1	0.0553	0.0000	OK
480 minute summer	J17	256	186.389	0.031	5.3	0.0346	0.0000	OK
480 minute summer	J18	256	186.234	0.040	6.1	0.0451	0.0000	OK
480 minute summer	J19	256	186.097	0.070	6.4	0.0793	0.0000	OK
480 minute summer	J20	264	185.948	0.017	0.4	0.0191	0.0000	OK
480 minute summer	J21	256	185.917	0.022	0.6	0.0245	0.0000	OK
480 minute summer	J22	256	185.845	0.027	0.9	0.0308	0.0000	OK
480 minute summer	J23	256	185.812	0.029	1.0	0.0328	0.0000	OK
480 minute summer	J24	248	185.689	0.039	1.8	0.0440	0.0000	OK
480 minute summer	J25	248	185.658	0.043	2.1	0.0482	0.0000	OK
480 minute summer	J26	248	185.632	0.045	2.3	0.0514	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J12	1.013	J13	4.4	0.598	0.065	0.0481
480 minute summer	J13	1.014	J14	4.5	0.450	0.144	0.0190
480 minute summer	J14	1.015	J15	4.7	0.511	0.151	0.0177
480 minute summer	J15	1.016	J16	4.9	0.658	0.160	0.0384
480 minute summer	J16	1.017	J17	5.1	0.866	0.085	0.0198
480 minute summer	J17	1.018	S3	5.3	0.876	0.037	0.0118
480 minute summer	J18	1.020	J19	6.1	1.470	0.047	0.0062
480 minute summer	J19	1.021	S4	6.4	0.572	0.116	0.0492
480 minute summer	J20	23.002	J21	0.4	0.345	0.061	0.0040
480 minute summer	J21	23.003	J22	0.6	0.412	0.103	0.0119
480 minute summer	J22	23.004	J23	0.9	0.484	0.146	0.0065
480 minute summer	J23	23.005	S18	1.0	0.556	0.173	0.0138
480 minute summer	J24	23.007	J25	1.8	0.464	0.135	0.0239
480 minute summer	J25	23.008	J26	2.1	0.477	0.155	0.0214
480 minute summer	J26	23.009	S19	2.3	0.544	0.175	0.0159

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J27	248	185.513	0.052	3.2	0.0587	0.0000	OK
480 minute summer	J28	248	186.383	0.027	0.9	0.0300	0.0000	OK
480 minute summer	J29	248	186.302	0.030	1.1	0.0345	0.0000	OK
480 minute summer	J30	248	186.184	0.037	1.6	0.0423	0.0000	OK
480 minute summer	J31	248	186.158	0.039	1.9	0.0442	0.0000	OK
480 minute summer	J32	248	186.106	0.042	2.2	0.0476	0.0000	OK
480 minute summer	J33	248	185.639	0.029	2.8	0.0325	0.0000	OK
480 minute summer	J34	248	185.173	0.048	3.6	0.0544	0.0000	OK
480 minute summer	J35	248	185.107	0.031	3.8	0.0356	0.0000	OK
480 minute summer	J36	248	184.927	0.052	4.0	0.0585	0.0000	OK
480 minute summer	J37	248	184.632	0.057	4.7	0.0650	0.0000	OK
480 minute summer	J38	248	184.441	0.066	5.1	0.0744	0.0000	OK
480 minute summer	J39	248	184.404	0.066	5.4	0.0749	0.0000	OK
480 minute summer	J40	248	184.382	0.057	5.6	0.0647	0.0000	OK
480 minute summer	J41	256	184.616	0.019	0.4	0.0210	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J27	23.011	S4	3.2	0.507	0.107	0.0150
480 minute summer	J28	32.001	J29	0.9	0.489	0.152	0.0162
480 minute summer	J29	32.002	S12	1.1	0.561	0.184	0.0091
480 minute summer	J30	32.004	J31	1.6	0.458	0.122	0.0176
480 minute summer	J31	32.005	J32	1.9	0.490	0.142	0.0374
480 minute summer	J32	32.006	S13	2.2	0.675	0.162	0.0171
480 minute summer	J33	32.008	S14	2.8	0.802	0.080	0.0330
480 minute summer	J34	32.010	J35	3.6	0.757	0.092	0.0431
480 minute summer	J35	32.011	J36	3.8	0.748	0.042	0.0351
480 minute summer	J36	32.012	S15	4.0	0.774	0.134	0.0125
480 minute summer	J37	32.014	S16	4.7	0.894	0.154	0.0280
480 minute summer	J38	32.016	J39	5.1	0.530	0.170	0.1048
480 minute summer	J39	32.017	J40	5.4	0.611	0.175	0.0323
480 minute summer	J40	32.018	S10	5.6	0.730	0.130	0.0732
480 minute summer	J41	48.002	J42	0.4	0.376	0.075	0.0074

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J42	256	184.560	0.023	0.7	0.0264	0.0000	OK
480 minute summer	J43	256	184.396	0.036	1.3	0.0402	0.0000	OK
480 minute summer	J44	256	184.385	0.035	1.6	0.0394	0.0000	OK
480 minute summer	J45	256	184.344	0.044	1.8	0.0495	0.0000	OK
480 minute summer	J46	256	184.320	0.048	2.5	0.0547	0.0000	OK
480 minute summer	J47	256	184.298	0.050	2.7	0.0567	0.0000	OK
480 minute summer	J48	256	184.209	0.055	3.4	0.0618	0.0000	OK
480 minute summer	J49	256	184.194	0.065	3.6	0.0731	0.0000	OK
480 minute summer	J50	256	184.187	0.062	3.9	0.0701	0.0000	OK
480 minute summer	J51	256	184.175	0.067	4.1	0.0761	0.0000	OK
480 minute summer	J52	256	184.168	0.064	4.5	0.0718	0.0000	OK
480 minute summer	J53	256	184.149	0.062	4.7	0.0700	0.0000	OK
480 minute summer	J54	248	185.001	0.021	0.6	0.0243	0.0000	OK
480 minute summer	J55	248	184.970	0.026	0.8	0.0292	0.0000	OK
480 minute summer	J56	256	184.043	0.076	6.6	0.0855	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J42	48.003	S21	0.7	0.422	0.120	0.0138
480 minute summer	J43	48.005	J44	1.3	0.423	0.095	0.0050
480 minute summer	J44	48.006	J45	1.6	0.434	0.119	0.0323
480 minute summer	J45	48.007	S22	1.9	0.406	0.137	0.0109
480 minute summer	J46	48.009	J47	2.5	0.502	0.189	0.0212
480 minute summer	J47	48.010	S23	2.7	0.562	0.205	0.0128
480 minute summer	J48	48.012	J49	3.4	0.403	0.113	0.0627
480 minute summer	J49	48.013	J50	3.6	0.399	0.119	0.0104
480 minute summer	J50	48.014	J51	3.9	0.415	0.131	0.0478
480 minute summer	J51	48.015	J52	4.1	0.430	0.134	0.0109
480 minute summer	J52	48.016	J53	4.5	0.495	0.146	0.0440
480 minute summer	J53	48.017	S24	4.7	0.571	0.155	0.0839
480 minute summer	J54	65.002	J55	0.6	0.395	0.094	0.0052
480 minute summer	J55	65.003	S24	0.8	0.521	0.139	0.0124
480 minute summer	J56	48.019	J57	6.6	0.473	0.122	0.1271

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Results for 2 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.86%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J57	256	184.021	0.076	6.8	0.0863	0.0000	OK
480 minute summer	BASIN 1	352	185.431	0.431	9.7	51.0102	0.0000	SURCHARGED
480 minute summer	BASIN 2	720	184.535	0.235	0.9	21.6259	0.0000	OK
480 minute summer	BASIN 3	496	183.154	0.054	6.1	37.7444	0.0000	OK
480 minute summer	BASIN 4	400	183.609	0.279	6.8	36.7351	0.0000	OK
480 minute summer	SWALE 1	360	184.959	0.027	0.9	0.0308	0.0000	OK
480 minute summer	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWALE 3	248	184.131	0.061	6.2	0.0687	0.0000	OK
480 minute summer	BH1	720	184.535	0.458	0.6	2.1295	0.0000	OK
480 minute summer	BH2	496	183.154	0.102	1.4	2.1144	0.0000	OK
480 minute summer	BH3	408	183.609	0.303	2.0	3.0209	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J57	48.020	S25	6.8	0.503	0.126	0.1073
480 minute summer	BASIN 1	1.023	S5	0.9	0.093	0.017	0.6013
480 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
480 minute summer	BASIN 2	71.000	BH1	0.6	0.356	0.109	0.1829
480 minute summer	BASIN 3	1.034	BH2	1.4	0.277	0.017	0.4610
480 minute summer	BASIN 4	48.022	BH3	2.0	0.406	0.037	0.7073
480 minute summer	SWALE 1	1.025	S6	0.9	0.287	0.017	0.1206
480 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
480 minute summer	SWALE 3	1.033	BASIN 3	6.1	0.619	0.088	0.4278
480 minute summer	BH1	Infiltration		0.1			
480 minute summer	BH2	Infiltration		0.2			
480 minute summer	BH3	Infiltration		0.2			

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S1	216	188.381	0.011	0.2	0.0142	0.0000	OK
480 minute winter	S2	256	187.093	0.054	3.4	0.0790	0.0000	OK
480 minute winter	S3	248	186.271	0.059	5.0	0.0768	0.0000	OK
480 minute winter	S4	384	185.505	0.127	7.9	0.1509	0.0000	OK
480 minute winter	S5	384	185.505	0.525	1.0	0.5938	0.0000	SURCHARGED
480 minute winter	S6	384	184.873	0.029	1.0	0.0326	0.0000	OK
480 minute winter	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
480 minute winter	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
480 minute winter	S9	248	184.219	0.019	0.0	0.0218	0.0000	OK
480 minute winter	S10	248	184.219	0.035	5.0	0.0539	0.0000	OK
480 minute winter	S11	232	186.420	0.020	0.5	0.0327	0.0000	OK
480 minute winter	S12	256	186.206	0.030	1.1	0.0341	0.0000	OK
480 minute winter	S13	256	186.060	0.026	2.0	0.0366	0.0000	OK
480 minute winter	S14	248	185.293	0.043	2.7	0.0672	0.0000	OK
480 minute winter	S15	248	184.897	0.030	3.6	0.0421	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	S1	1.000	J1	0.2	0.310	0.023	0.0058
480 minute winter	S2	1.012	J12	3.4	0.513	0.113	0.0098
480 minute winter	S3	1.019	J18	5.0	0.812	0.162	0.0318
480 minute winter	S4	1.022	BASIN 1	7.9	0.799	0.047	0.8262
480 minute winter	S5	1.024	SWALE 1	1.0	0.296	0.019	0.0682
480 minute winter	S6	1.026	BASIN 2	1.0	0.342	0.018	0.0168
480 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
480 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0113
480 minute winter	S9	1.031	S10	0.0	-0.015	0.000	0.0218
480 minute winter	S10	1.032	SWALE 3	5.0	0.760	0.028	0.0294
480 minute winter	S11	32.000	J28	0.5	0.423	0.084	0.0056
480 minute winter	S12	32.003	J30	1.1	0.405	0.082	0.0137
480 minute winter	S13	32.007	J33	2.0	0.996	0.062	0.0260
480 minute winter	S14	32.009	J34	2.7	0.691	0.158	0.0208
480 minute winter	S15	32.013	J37	3.6	0.723	0.039	0.0468

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S16	248	184.583	0.025	4.0	0.0322	0.0000	OK
480 minute winter	S17	264	186.011	0.011	0.2	0.0125	0.0000	OK
480 minute winter	S18	256	185.696	0.035	1.3	0.0496	0.0000	OK
480 minute winter	S19	256	185.534	0.043	2.3	0.0592	0.0000	OK
480 minute winter	S20	264	184.660	0.018	0.4	0.0219	0.0000	OK
480 minute winter	S21	264	184.486	0.027	0.9	0.0324	0.0000	OK
480 minute winter	S22	256	184.329	0.043	1.9	0.0525	0.0000	OK
480 minute winter	S23	256	184.210	0.052	2.6	0.0611	0.0000	OK
480 minute winter	S24	256	184.048	0.071	5.4	0.1027	0.0000	OK
480 minute winter	S25	256	183.992	0.066	5.7	0.0747	0.0000	OK
480 minute winter	S26	256	185.390	0.013	0.3	0.0155	0.0000	OK
480 minute winter	FC1	280	188.302	0.052	0.2	0.0686	0.0000	OK
480 minute winter	FC2	280	188.202	0.052	0.2	0.0689	0.0000	OK
480 minute winter	FC3	280	188.303	0.103	0.3	0.1492	0.0000	SURCHARGED
480 minute winter	FC4	256	188.250	0.049	0.2	0.0638	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	S16	32.015	J38	4.0	0.774	0.027	0.0123
480 minute winter	S17	23.001	J20	0.2	0.254	0.026	0.0047
480 minute winter	S18	23.006	J24	1.3	0.417	0.094	0.0057
480 minute winter	S19	23.010	J27	2.3	0.411	0.076	0.0494
480 minute winter	S20	48.001	J41	0.4	0.423	0.067	0.0043
480 minute winter	S21	48.004	J43	0.9	0.531	0.151	0.0086
480 minute winter	S22	48.008	J46	1.9	0.454	0.141	0.0102
480 minute winter	S23	48.011	J48	2.6	0.392	0.084	0.0074
480 minute winter	S24	48.018	J56	5.4	0.434	0.100	0.0525
480 minute winter	S25	48.021	BASIN 4	5.7	0.555	0.103	0.0329
480 minute winter	S26	65.001	J54	0.3	0.513	0.034	0.0049
480 minute winter	FC1	2.000	J1	0.2	0.265	0.032	0.0036
480 minute winter	FC2	3.000	J2	0.2	0.179	0.034	0.0053
480 minute winter	FC3	4.000	J3	0.3	0.413	0.047	0.0068
480 minute winter	FC4	5.000	J4	0.2	0.411	0.026	0.0035

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC5	280	188.052	0.052	0.2	0.0693	0.0000	OK
480 minute winter	FC6	256	187.899	0.049	0.2	0.0636	0.0000	OK
480 minute winter	FC7	256	187.800	0.050	0.2	0.0642	0.0000	OK
480 minute winter	FC8	280	187.800	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC9	256	187.521	0.051	0.2	0.0654	0.0000	OK
480 minute winter	FC10	264	187.571	0.101	0.3	0.1421	0.0000	SURCHARGED
480 minute winter	FC11	272	187.372	0.052	0.2	0.0681	0.0000	OK
480 minute winter	FC12	272	187.282	0.052	0.2	0.0681	0.0000	OK
480 minute winter	FC13	280	187.052	0.052	0.2	0.0691	0.0000	OK
480 minute winter	FC14	280	186.940	0.040	0.2	0.5126	0.0000	OK
480 minute winter	FC15	256	187.249	0.049	0.2	0.0636	0.0000	OK
480 minute winter	FC16	256	186.950	0.050	0.2	0.0648	0.0000	OK
480 minute winter	FC17	256	187.049	0.049	0.2	0.0636	0.0000	OK
480 minute winter	FC18	256	186.601	0.051	0.2	0.0654	0.0000	OK
480 minute winter	FC19	280	186.452	0.052	0.2	0.0692	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024
480 minute winter	FC6	7.000	J6	0.2	0.451	0.023	0.0032
480 minute winter	FC7	8.000	J7	0.2	0.392	0.028	0.0037
480 minute winter	FC8	9.000	J8	0.2	0.488	0.021	0.0017
480 minute winter	FC9	10.000	J9	0.2	0.347	0.033	0.0041
480 minute winter	FC10	11.000	J10	0.3	0.422	0.045	0.0044
480 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0045
480 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040
480 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039
480 minute winter	FC14	15.000	J13	0.2	0.332	0.029	0.0039
480 minute winter	FC15	16.000	J14	0.2	0.729	0.011	0.0013
480 minute winter	FC16	17.000	J15	0.2	0.368	0.030	0.0041
480 minute winter	FC17	18.000	J16	0.2	0.583	0.016	0.0016
480 minute winter	FC18	19.000	J17	0.2	0.345	0.033	0.0040
480 minute winter	FC19	20.000	S3	0.2	0.347	0.034	0.0038

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC20	280	187.000	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC21	280	186.352	0.052	0.2	0.0691	0.0000	OK
480 minute winter	FC22	256	186.483	0.033	0.2	0.3225	0.0000	OK
480 minute winter	FC23	256	186.350	0.050	0.2	0.0651	0.0000	OK
480 minute winter	FC24	280	186.351	0.051	0.2	0.0675	0.0000	OK
480 minute winter	FC25	280	186.600	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC26	256	186.483	0.033	0.2	0.3324	0.0000	OK
480 minute winter	FC27	256	186.549	0.049	0.2	0.0636	0.0000	OK
480 minute winter	FC28	280	186.550	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC29	288	186.550	0.050	0.2	0.0678	0.0000	OK
480 minute winter	FC30	280	186.800	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC31	256	186.499	0.049	0.2	0.0636	0.0000	OK
480 minute winter	FC32	256	186.499	0.049	0.2	0.0636	0.0000	OK
480 minute winter	FC33	280	186.500	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC34	280	186.502	0.052	0.2	0.0689	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013
480 minute winter	FC21	22.000	J19	0.2	0.347	0.034	0.0044
480 minute winter	FC22	23.000	S17	0.2	0.455	0.008	0.0016
480 minute winter	FC23	24.000	J20	0.2	0.360	0.031	0.0025
480 minute winter	FC24	25.000	J21	0.2	0.405	0.027	0.0023
480 minute winter	FC25	26.000	J22	0.2	0.687	0.013	0.0014
480 minute winter	FC26	27.000	J23	0.1	0.556	0.011	0.0012
480 minute winter	FC27	28.000	J24	0.2	0.752	0.011	0.0012
480 minute winter	FC28	29.000	J25	0.2	0.691	0.012	0.0013
480 minute winter	FC29	30.000	J26	0.2	0.672	0.013	0.0014
480 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0014
480 minute winter	FC31	33.000	J28	0.2	0.230	0.022	0.0038
480 minute winter	FC32	34.000	J29	0.2	0.205	0.016	0.0043
480 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013
480 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC35	280	186.500	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC36	288	186.500	0.050	0.2	0.0678	0.0000	OK
480 minute winter	FC37	248	185.881	0.081	0.3	0.1123	0.0000	OK
480 minute winter	FC38	264	185.481	0.031	0.2	0.3775	0.0000	OK
480 minute winter	FC39	256	185.499	0.049	0.2	0.0636	0.0000	OK
480 minute winter	FC40	280	185.550	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC41	280	184.900	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC42	280	184.650	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC43	280	184.650	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC44	248	184.610	0.009	0.2	0.0122	0.0000	OK
480 minute winter	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
480 minute winter	FC46	264	184.801	0.101	0.3	0.1429	0.0000	SURCHARGED
480 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute winter	FC48	280	184.850	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC49	280	184.852	0.052	0.2	0.0692	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016
480 minute winter	FC36	38.000	J32	0.2	0.685	0.013	0.0015
480 minute winter	FC37	39.000	J33	0.3	0.498	0.030	0.0035
480 minute winter	FC38	40.000	J34	0.1	0.529	0.012	0.0013
480 minute winter	FC39	41.000	J35	0.2	0.642	0.014	0.0014
480 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013
480 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0020
480 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0022
480 minute winter	FC43	45.000	J39	0.2	0.526	0.019	0.0016
480 minute winter	FC44	46.000	J40	0.2	0.541	0.018	0.0016
480 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
480 minute winter	FC46	48.000	S20	0.3	0.349	0.050	0.0051
480 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0024
480 minute winter	FC48	50.000	J42	0.2	0.289	0.014	0.0039
480 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC50	280	184.852	0.052	0.2	0.0692	0.0000	OK
480 minute winter	FC51	280	184.902	0.052	0.2	0.0692	0.0000	OK
480 minute winter	FC52	296	185.300	0.050	0.2	0.0688	0.0000	OK
480 minute winter	FC53	280	185.300	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC54	256	185.299	0.049	0.2	0.0636	0.0000	OK
480 minute winter	FC55	256	185.299	0.049	0.2	0.0636	0.0000	OK
480 minute winter	FC56	280	185.400	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC57	280	185.400	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC58	256	185.399	0.049	0.2	0.0636	0.0000	OK
480 minute winter	FC59	256	185.399	0.049	0.2	0.0636	0.0000	OK
480 minute winter	FC60	280	185.400	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC61	280	185.350	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC62	272	185.351	0.101	0.3	0.1447	0.0000	SURCHARGED
480 minute winter	FC63	256	185.451	0.051	0.2	0.0657	0.0000	OK
480 minute winter	FC64	280	185.052	0.052	0.2	0.0689	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027
480 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035
480 minute winter	FC52	58.000	S23	0.2	0.502	0.020	0.0022
480 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018
480 minute winter	FC54	62.000	J51	0.2	0.522	0.018	0.0015
480 minute winter	FC55	64.000	J53	0.2	0.656	0.013	0.0013
480 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019
480 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020
480 minute winter	FC58	56.000	J46	0.2	0.611	0.015	0.0020
480 minute winter	FC59	57.000	J47	0.2	0.567	0.016	0.0022
480 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023
480 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033
480 minute winter	FC62	63.000	J52	0.3	0.469	0.039	0.0060
480 minute winter	FC63	65.000	S26	0.2	0.335	0.033	0.0014
480 minute winter	FC64	66.000	J54	0.2	0.279	0.034	0.0019

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC65	280	185.200	0.050	0.2	0.0668	0.0000	OK
480 minute winter	FC66	280	185.051	0.051	0.2	0.0680	0.0000	OK
480 minute winter	FC67	264	184.833	0.033	0.2	0.3405	0.0000	OK
480 minute winter	FC68	256	184.599	0.049	0.2	0.0636	0.0000	OK
480 minute winter	J1	280	188.218	0.018	0.6	0.0247	0.0000	OK
480 minute winter	J2	280	188.134	0.028	0.8	0.0312	0.0000	OK
480 minute winter	J3	256	188.076	0.030	1.1	0.0335	0.0000	OK
480 minute winter	J4	256	188.056	0.021	1.3	0.0239	0.0000	OK
480 minute winter	J5	256	187.930	0.020	1.5	0.0230	0.0000	OK
480 minute winter	J6	256	187.677	0.027	1.7	0.0308	0.0000	OK
480 minute winter	J7	256	187.638	0.038	1.9	0.0430	0.0000	OK
480 minute winter	J8	256	187.621	0.028	2.1	0.0311	0.0000	OK
480 minute winter	J9	256	187.314	0.039	2.3	0.0443	0.0000	OK
480 minute winter	J10	256	187.292	0.022	2.6	0.0252	0.0000	OK
480 minute winter	J11	256	187.153	0.032	2.8	0.0362	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC65	67.000	J55	0.2	0.293	0.011	0.0018
480 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011
480 minute winter	FC67	69.000	J56	0.1	0.313	0.025	0.0010
480 minute winter	FC68	70.000	J57	0.2	0.456	0.022	0.0010
480 minute winter	J1	1.001	J2	0.6	0.444	0.072	0.0069
480 minute winter	J2	1.002	J3	0.8	0.490	0.135	0.0017
480 minute winter	J3	1.003	J4	1.1	0.574	0.083	0.0039
480 minute winter	J4	1.004	J5	1.3	0.885	0.039	0.0052
480 minute winter	J5	1.005	J6	1.5	0.847	0.039	0.0102
480 minute winter	J6	1.006	J7	1.7	0.600	0.059	0.0056
480 minute winter	J7	1.007	J8	1.9	0.666	0.135	0.0032
480 minute winter	J8	1.008	J9	2.1	0.964	0.069	0.0183
480 minute winter	J9	1.009	J10	2.3	0.714	0.069	0.0040
480 minute winter	J10	1.010	J11	2.6	0.952	0.020	0.0067
480 minute winter	J11	1.011	S2	2.8	0.528	0.043	0.0287

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J12	256	186.844	0.035	3.6	0.0398	0.0000	OK
480 minute winter	J13	256	186.764	0.062	3.7	0.0704	0.0000	OK
480 minute winter	J14	256	186.756	0.061	3.9	0.0685	0.0000	OK
480 minute winter	J15	256	186.744	0.056	4.1	0.0630	0.0000	OK
480 minute winter	J16	256	186.715	0.045	4.3	0.0505	0.0000	OK
480 minute winter	J17	256	186.386	0.028	4.5	0.0314	0.0000	OK
480 minute winter	J18	248	186.230	0.036	5.2	0.0408	0.0000	OK
480 minute winter	J19	248	186.091	0.064	5.4	0.0725	0.0000	OK
480 minute winter	J20	256	185.948	0.017	0.3	0.0188	0.0000	OK
480 minute winter	J21	256	185.916	0.020	0.5	0.0232	0.0000	OK
480 minute winter	J22	256	185.843	0.025	0.7	0.0283	0.0000	OK
480 minute winter	J23	256	185.810	0.027	0.9	0.0305	0.0000	OK
480 minute winter	J24	256	185.685	0.035	1.5	0.0398	0.0000	OK
480 minute winter	J25	256	185.653	0.038	1.7	0.0432	0.0000	OK
480 minute winter	J26	256	185.628	0.041	1.9	0.0459	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J12	1.013	J13	3.6	0.567	0.053	0.0416
480 minute winter	J13	1.014	J14	3.7	0.427	0.119	0.0166
480 minute winter	J14	1.015	J15	3.9	0.484	0.126	0.0155
480 minute winter	J15	1.016	J16	4.1	0.626	0.135	0.0339
480 minute winter	J16	1.017	J17	4.3	0.828	0.072	0.0175
480 minute winter	J17	1.018	S3	4.5	0.847	0.031	0.0104
480 minute winter	J18	1.020	J19	5.2	1.412	0.040	0.0054
480 minute winter	J19	1.021	S4	5.4	0.543	0.097	0.0434
480 minute winter	J20	23.002	J21	0.3	0.346	0.059	0.0038
480 minute winter	J21	23.003	J22	0.5	0.407	0.092	0.0107
480 minute winter	J22	23.004	J23	0.7	0.460	0.125	0.0058
480 minute winter	J23	23.005	S18	0.9	0.534	0.151	0.0125
480 minute winter	J24	23.007	J25	1.5	0.446	0.112	0.0206
480 minute winter	J25	23.008	J26	1.7	0.458	0.127	0.0183
480 minute winter	J26	23.009	S19	1.9	0.514	0.141	0.0136

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J27	256	185.507	0.046	2.5	0.0518	0.0000	OK
480 minute winter	J28	256	186.379	0.023	0.7	0.0262	0.0000	OK
480 minute winter	J29	256	186.298	0.027	0.9	0.0310	0.0000	OK
480 minute winter	J30	256	186.180	0.033	1.3	0.0375	0.0000	OK
480 minute winter	J31	256	186.154	0.035	1.5	0.0391	0.0000	OK
480 minute winter	J32	256	186.101	0.037	1.7	0.0422	0.0000	OK
480 minute winter	J33	256	185.636	0.026	2.2	0.0290	0.0000	OK
480 minute winter	J34	248	185.168	0.043	2.9	0.0489	0.0000	OK
480 minute winter	J35	248	185.104	0.029	3.1	0.0323	0.0000	OK
480 minute winter	J36	248	184.922	0.047	3.3	0.0529	0.0000	OK
480 minute winter	J37	248	184.627	0.052	3.8	0.0586	0.0000	OK
480 minute winter	J38	248	184.434	0.059	4.2	0.0663	0.0000	OK
480 minute winter	J39	248	184.397	0.059	4.4	0.0671	0.0000	OK
480 minute winter	J40	248	184.376	0.051	4.6	0.0581	0.0000	OK
480 minute winter	J41	264	184.615	0.018	0.4	0.0198	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J27	23.011	S4	2.5	0.471	0.083	0.0148
480 minute winter	J28	32.001	J29	0.7	0.450	0.118	0.0137
480 minute winter	J29	32.002	S12	0.9	0.531	0.151	0.0078
480 minute winter	J30	32.004	J31	1.3	0.435	0.098	0.0148
480 minute winter	J31	32.005	J32	1.5	0.461	0.112	0.0316
480 minute winter	J32	32.006	S13	1.7	0.630	0.127	0.0144
480 minute winter	J33	32.008	S14	2.3	0.757	0.063	0.0278
480 minute winter	J34	32.010	J35	2.9	0.707	0.074	0.0371
480 minute winter	J35	32.011	J36	3.1	0.703	0.034	0.0304
480 minute winter	J36	32.012	S15	3.3	0.727	0.109	0.0108
480 minute winter	J37	32.014	S16	3.8	0.832	0.124	0.0242
480 minute winter	J38	32.016	J39	4.2	0.502	0.138	0.0895
480 minute winter	J39	32.017	J40	4.4	0.575	0.141	0.0277
480 minute winter	J40	32.018	S10	4.5	0.690	0.106	0.0631
480 minute winter	J41	48.002	J42	0.4	0.370	0.067	0.0067

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J42	264	184.559	0.021	0.6	0.0243	0.0000	OK
480 minute winter	J43	264	184.392	0.032	1.1	0.0361	0.0000	OK
480 minute winter	J44	264	184.382	0.031	1.3	0.0356	0.0000	OK
480 minute winter	J45	256	184.338	0.038	1.5	0.0435	0.0000	OK
480 minute winter	J46	256	184.315	0.043	2.1	0.0491	0.0000	OK
480 minute winter	J47	256	184.294	0.046	2.3	0.0515	0.0000	OK
480 minute winter	J48	256	184.203	0.049	2.8	0.0551	0.0000	OK
480 minute winter	J49	256	184.187	0.057	3.0	0.0650	0.0000	OK
480 minute winter	J50	256	184.180	0.055	3.2	0.0623	0.0000	OK
480 minute winter	J51	256	184.168	0.060	3.4	0.0684	0.0000	OK
480 minute winter	J52	256	184.161	0.057	3.7	0.0647	0.0000	OK
480 minute winter	J53	256	184.143	0.056	3.9	0.0636	0.0000	OK
480 minute winter	J54	256	184.999	0.020	0.5	0.0229	0.0000	OK
480 minute winter	J55	256	184.968	0.024	0.7	0.0269	0.0000	OK
480 minute winter	J56	256	184.036	0.069	5.5	0.0775	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J42	48.003	S21	0.6	0.404	0.101	0.0121
480 minute winter	J43	48.005	J44	1.1	0.405	0.078	0.0043
480 minute winter	J44	48.006	J45	1.3	0.418	0.097	0.0273
480 minute winter	J45	48.007	S22	1.5	0.399	0.110	0.0092
480 minute winter	J46	48.009	J47	2.1	0.478	0.156	0.0184
480 minute winter	J47	48.010	S23	2.3	0.536	0.171	0.0112
480 minute winter	J48	48.012	J49	2.8	0.390	0.093	0.0532
480 minute winter	J49	48.013	J50	3.0	0.385	0.097	0.0088
480 minute winter	J50	48.014	J51	3.2	0.396	0.106	0.0408
480 minute winter	J51	48.015	J52	3.4	0.410	0.110	0.0094
480 minute winter	J52	48.016	J53	3.7	0.469	0.120	0.0382
480 minute winter	J53	48.017	S24	3.9	0.541	0.128	0.0734
480 minute winter	J54	65.002	J55	0.5	0.390	0.084	0.0046
480 minute winter	J55	65.003	S24	0.7	0.498	0.118	0.0110
480 minute winter	J56	48.019	J57	5.5	0.451	0.102	0.1110

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Results for 2 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J57	256	184.015	0.070	5.7	0.0786	0.0000	OK
480 minute winter	BASIN 1	384	185.505	0.505	7.9	60.6485	0.0000	SURCHARGED
480 minute winter	BASIN 2	720	184.563	0.263	1.0	24.4170	0.0000	OK
480 minute winter	BASIN 3	480	183.165	0.065	5.0	45.3813	0.0000	OK
480 minute winter	BASIN 4	456	183.675	0.345	5.7	46.0347	0.0000	SURCHARGED
480 minute winter	SWALE 1	384	184.960	0.028	1.0	0.0320	0.0000	OK
480 minute winter	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
480 minute winter	SWALE 3	256	184.125	0.055	5.0	0.0623	0.0000	OK
480 minute winter	BH1	720	184.563	0.486	0.6	2.2109	0.0000	OK
480 minute winter	BH2	480	183.165	0.113	1.2	2.1687	0.0000	OK
480 minute winter	BH3	456	183.675	0.369	1.8	3.3292	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J57	48.020	S25	5.7	0.479	0.106	0.0942
480 minute winter	BASIN 1	1.023	S5	1.0	0.094	0.019	0.6013
480 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
480 minute winter	BASIN 2	71.000	BH1	0.6	0.381	0.101	0.1829
480 minute winter	BASIN 3	1.034	BH2	1.2	0.267	0.014	0.5512
480 minute winter	BASIN 4	48.022	BH3	1.8	0.414	0.033	0.7181
480 minute winter	SWALE 1	1.025	S6	1.0	0.294	0.019	0.1276
480 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
480 minute winter	SWALE 3	1.033	BASIN 3	5.0	0.584	0.073	0.3725
480 minute winter	BH1	Infiltration		0.1			
480 minute winter	BH2	Infiltration		0.2			
480 minute winter	BH3	Infiltration		0.2			

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S1	285	188.381	0.011	0.2	0.0142	0.0000	OK
600 minute summer	S2	315	187.093	0.054	3.4	0.0798	0.0000	OK
600 minute summer	S3	315	186.272	0.060	5.0	0.0774	0.0000	OK
600 minute summer	S4	435	185.441	0.063	8.2	0.0747	0.0000	OK
600 minute summer	S5	435	185.441	0.461	0.9	0.5213	0.0000	SURCHARGED
600 minute summer	S6	435	184.872	0.028	0.9	0.0316	0.0000	OK
600 minute summer	S7	15	184.779	0.000	0.0	0.0000	0.0000	OK
600 minute summer	S8	15	184.390	0.000	0.0	0.0000	0.0000	OK
600 minute summer	S9	315	184.220	0.020	0.0	0.0224	0.0000	OK
600 minute summer	S10	315	184.220	0.036	5.2	0.0546	0.0000	OK
600 minute summer	S11	315	186.420	0.020	0.5	0.0327	0.0000	OK
600 minute summer	S12	315	186.206	0.030	1.1	0.0339	0.0000	OK
600 minute summer	S13	315	186.060	0.026	2.1	0.0374	0.0000	OK
600 minute summer	S14	315	185.294	0.044	2.9	0.0688	0.0000	OK
600 minute summer	S15	315	184.898	0.031	3.7	0.0428	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	S1	1.000	J1	0.2	0.312	0.023	0.0058
600 minute summer	S2	1.012	J12	3.4	0.515	0.115	0.0100
600 minute summer	S3	1.019	J18	5.0	0.816	0.165	0.0322
600 minute summer	S4	1.022	BASIN 1	8.2	0.807	0.049	0.6784
600 minute summer	S5	1.024	SWALE 1	0.9	0.290	0.017	0.0650
600 minute summer	S6	1.026	BASIN 2	0.9	0.336	0.017	0.0159
600 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
600 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0117
600 minute summer	S9	1.031	S10	0.0	-0.007	0.000	0.0223
600 minute summer	S10	1.032	SWALE 3	5.2	0.764	0.029	0.0299
600 minute summer	S11	32.000	J28	0.5	0.410	0.084	0.0056
600 minute summer	S12	32.003	J30	1.1	0.404	0.081	0.0137
600 minute summer	S13	32.007	J33	2.1	1.007	0.065	0.0269
600 minute summer	S14	32.009	J34	2.9	0.699	0.165	0.0215
600 minute summer	S15	32.013	J37	3.7	0.732	0.040	0.0479

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S16	315	184.583	0.026	4.1	0.0326	0.0000	OK
600 minute summer	S17	330	186.011	0.011	0.1	0.0123	0.0000	OK
600 minute summer	S18	315	185.697	0.036	1.4	0.0512	0.0000	OK
600 minute summer	S19	315	185.536	0.045	2.5	0.0615	0.0000	OK
600 minute summer	S20	315	184.660	0.018	0.4	0.0215	0.0000	OK
600 minute summer	S21	315	184.486	0.027	0.9	0.0320	0.0000	OK
600 minute summer	S22	315	184.329	0.043	1.9	0.0521	0.0000	OK
600 minute summer	S23	315	184.210	0.052	2.6	0.0617	0.0000	OK
600 minute summer	S24	315	184.049	0.072	5.5	0.1039	0.0000	OK
600 minute summer	S25	315	183.993	0.067	5.8	0.0753	0.0000	OK
600 minute summer	S26	315	185.390	0.013	0.3	0.0154	0.0000	OK
600 minute summer	FC1	330	188.301	0.051	0.2	0.0684	0.0000	OK
600 minute summer	FC2	330	188.202	0.052	0.2	0.0687	0.0000	OK
600 minute summer	FC3	330	188.302	0.102	0.3	0.1476	0.0000	SURCHARGED
600 minute summer	FC4	315	188.248	0.048	0.2	0.0623	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	S16	32.015	J38	4.1	0.781	0.028	0.0126
600 minute summer	S17	23.001	J20	0.1	0.250	0.025	0.0046
600 minute summer	S18	23.006	J24	1.4	0.419	0.100	0.0060
600 minute summer	S19	23.010	J27	2.5	0.420	0.082	0.0519
600 minute summer	S20	48.001	J41	0.4	0.419	0.064	0.0042
600 minute summer	S21	48.004	J43	0.9	0.528	0.148	0.0085
600 minute summer	S22	48.008	J46	1.9	0.450	0.139	0.0101
600 minute summer	S23	48.011	J48	2.6	0.394	0.085	0.0075
600 minute summer	S24	48.018	J56	5.5	0.437	0.103	0.0533
600 minute summer	S25	48.021	BASIN 4	5.8	0.558	0.105	0.0333
600 minute summer	S26	65.001	J54	0.3	0.511	0.033	0.0049
600 minute summer	FC1	2.000	J1	0.2	0.265	0.032	0.0036
600 minute summer	FC2	3.000	J2	0.2	0.179	0.034	0.0053
600 minute summer	FC3	4.000	J3	0.3	0.413	0.047	0.0068
600 minute summer	FC4	5.000	J4	0.2	0.409	0.026	0.0035

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC5	330	188.052	0.052	0.2	0.0691	0.0000	OK
600 minute summer	FC6	315	187.898	0.048	0.2	0.0622	0.0000	OK
600 minute summer	FC7	315	187.798	0.048	0.2	0.0626	0.0000	OK
600 minute summer	FC8	330	187.800	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC9	315	187.519	0.049	0.2	0.0636	0.0000	OK
600 minute summer	FC10	315	187.563	0.093	0.3	0.1307	0.0000	OK
600 minute summer	FC11	330	187.372	0.052	0.2	0.0680	0.0000	OK
600 minute summer	FC12	330	187.282	0.052	0.2	0.0680	0.0000	OK
600 minute summer	FC13	330	187.052	0.052	0.2	0.0690	0.0000	OK
600 minute summer	FC14	330	186.936	0.036	0.2	0.4606	0.0000	OK
600 minute summer	FC15	315	187.248	0.048	0.2	0.0622	0.0000	OK
600 minute summer	FC16	315	186.949	0.049	0.2	0.0631	0.0000	OK
600 minute summer	FC17	315	187.048	0.048	0.2	0.0622	0.0000	OK
600 minute summer	FC18	315	186.599	0.049	0.2	0.0636	0.0000	OK
600 minute summer	FC19	330	186.452	0.052	0.2	0.0690	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC5	6.000	J5	0.2	0.346	0.034	0.0024
600 minute summer	FC6	7.000	J6	0.2	0.449	0.022	0.0032
600 minute summer	FC7	8.000	J7	0.2	0.390	0.027	0.0036
600 minute summer	FC8	9.000	J8	0.2	0.488	0.021	0.0017
600 minute summer	FC9	10.000	J9	0.2	0.345	0.032	0.0040
600 minute summer	FC10	11.000	J10	0.3	0.416	0.043	0.0042
600 minute summer	FC11	12.000	J11	0.2	0.347	0.034	0.0045
600 minute summer	FC12	13.000	S2	0.2	0.347	0.034	0.0040
600 minute summer	FC13	14.000	J12	0.2	0.348	0.034	0.0039
600 minute summer	FC14	15.000	J13	0.2	0.325	0.027	0.0037
600 minute summer	FC15	16.000	J14	0.2	0.725	0.011	0.0013
600 minute summer	FC16	17.000	J15	0.2	0.366	0.030	0.0040
600 minute summer	FC17	18.000	J16	0.2	0.581	0.015	0.0016
600 minute summer	FC18	19.000	J17	0.2	0.343	0.033	0.0039
600 minute summer	FC19	20.000	S3	0.2	0.346	0.034	0.0038

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC20	330	187.000	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC21	330	186.352	0.052	0.2	0.0690	0.0000	OK
600 minute summer	FC22	330	186.481	0.031	0.2	0.3048	0.0000	OK
600 minute summer	FC23	315	186.349	0.049	0.2	0.0633	0.0000	OK
600 minute summer	FC24	330	186.351	0.051	0.2	0.0674	0.0000	OK
600 minute summer	FC25	330	186.600	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC26	330	186.481	0.031	0.2	0.3149	0.0000	OK
600 minute summer	FC27	315	186.548	0.048	0.2	0.0622	0.0000	OK
600 minute summer	FC28	330	186.550	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC29	345	186.550	0.050	0.2	0.0678	0.0000	OK
600 minute summer	FC30	330	186.800	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC31	315	186.498	0.048	0.2	0.0622	0.0000	OK
600 minute summer	FC32	315	186.498	0.048	0.2	0.0622	0.0000	OK
600 minute summer	FC33	330	186.500	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC34	330	186.502	0.052	0.2	0.0687	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC20	21.000	J18	0.2	0.692	0.012	0.0013
600 minute summer	FC21	22.000	J19	0.2	0.347	0.034	0.0044
600 minute summer	FC22	23.000	S17	0.1	0.448	0.008	0.0016
600 minute summer	FC23	24.000	J20	0.2	0.358	0.031	0.0025
600 minute summer	FC24	25.000	J21	0.2	0.405	0.027	0.0023
600 minute summer	FC25	26.000	J22	0.2	0.686	0.013	0.0014
600 minute summer	FC26	27.000	J23	0.1	0.549	0.011	0.0012
600 minute summer	FC27	28.000	J24	0.2	0.748	0.011	0.0012
600 minute summer	FC28	29.000	J25	0.2	0.690	0.012	0.0013
600 minute summer	FC29	30.000	J26	0.2	0.672	0.013	0.0014
600 minute summer	FC30	31.000	J27	0.2	0.646	0.014	0.0014
600 minute summer	FC31	33.000	J28	0.2	0.227	0.022	0.0038
600 minute summer	FC32	34.000	J29	0.2	0.204	0.015	0.0043
600 minute summer	FC33	35.000	S12	0.2	0.636	0.014	0.0013
600 minute summer	FC34	36.000	J30	0.2	0.357	0.032	0.0027

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC35	330	186.500	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC36	345	186.500	0.050	0.2	0.0678	0.0000	OK
600 minute summer	FC37	315	185.891	0.091	0.3	0.1266	0.0000	OK
600 minute summer	FC38	330	185.480	0.030	0.2	0.3587	0.0000	OK
600 minute summer	FC39	315	185.498	0.048	0.2	0.0622	0.0000	OK
600 minute summer	FC40	330	185.550	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC41	330	184.900	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC42	330	184.650	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC43	330	184.650	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC44	315	184.610	0.009	0.2	0.0122	0.0000	OK
600 minute summer	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
600 minute summer	FC46	315	184.793	0.093	0.3	0.1314	0.0000	OK
600 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute summer	FC48	330	184.850	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC49	330	184.852	0.052	0.2	0.0691	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC35	37.000	J31	0.2	0.639	0.014	0.0016
600 minute summer	FC36	38.000	J32	0.2	0.685	0.013	0.0015
600 minute summer	FC37	39.000	J33	0.3	0.509	0.032	0.0036
600 minute summer	FC38	40.000	J34	0.1	0.522	0.011	0.0013
600 minute summer	FC39	41.000	J35	0.2	0.639	0.013	0.0014
600 minute summer	FC40	42.000	J36	0.2	0.783	0.010	0.0013
600 minute summer	FC41	43.000	J37	0.2	0.516	0.019	0.0020
600 minute summer	FC42	44.000	J38	0.2	0.450	0.023	0.0022
600 minute summer	FC43	45.000	J39	0.2	0.526	0.018	0.0016
600 minute summer	FC44	46.000	J40	0.2	0.541	0.018	0.0016
600 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
600 minute summer	FC46	48.000	S20	0.3	0.342	0.048	0.0050
600 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0024
600 minute summer	FC48	50.000	J42	0.2	0.284	0.014	0.0038
600 minute summer	FC49	51.000	S21	0.2	0.346	0.034	0.0025

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC50	330	184.852	0.052	0.2	0.0691	0.0000	OK
600 minute summer	FC51	330	184.902	0.052	0.2	0.0690	0.0000	OK
600 minute summer	FC52	315	185.341	0.091	0.3	0.1244	0.0000	OK
600 minute summer	FC53	330	185.300	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC54	315	185.298	0.048	0.2	0.0622	0.0000	OK
600 minute summer	FC55	315	185.298	0.048	0.2	0.0622	0.0000	OK
600 minute summer	FC56	330	185.400	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC57	330	185.400	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC58	315	185.398	0.048	0.2	0.0622	0.0000	OK
600 minute summer	FC59	315	185.398	0.048	0.2	0.0622	0.0000	OK
600 minute summer	FC60	330	185.400	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC61	330	185.350	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC62	330	185.351	0.101	0.3	0.1439	0.0000	SURCHARGED
600 minute summer	FC63	315	185.450	0.049	0.2	0.0639	0.0000	OK
600 minute summer	FC64	330	185.052	0.052	0.2	0.0688	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC50	52.000	J43	0.2	0.346	0.034	0.0027
600 minute summer	FC51	55.000	S22	0.2	0.347	0.034	0.0035
600 minute summer	FC52	58.000	S23	0.3	0.556	0.028	0.0028
600 minute summer	FC53	61.000	J50	0.2	0.473	0.022	0.0018
600 minute summer	FC54	62.000	J51	0.2	0.520	0.018	0.0015
600 minute summer	FC55	64.000	J53	0.2	0.653	0.013	0.0012
600 minute summer	FC56	53.000	J44	0.2	0.677	0.013	0.0019
600 minute summer	FC57	54.000	J45	0.2	0.637	0.014	0.0020
600 minute summer	FC58	56.000	J46	0.2	0.608	0.015	0.0020
600 minute summer	FC59	57.000	J47	0.2	0.564	0.016	0.0022
600 minute summer	FC60	59.000	J48	0.2	0.563	0.017	0.0023
600 minute summer	FC61	60.000	J49	0.2	0.452	0.023	0.0033
600 minute summer	FC62	63.000	J52	0.3	0.469	0.039	0.0060
600 minute summer	FC63	65.000	S26	0.2	0.333	0.033	0.0014
600 minute summer	FC64	66.000	J54	0.2	0.266	0.034	0.0019

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC65	330	185.200	0.050	0.2	0.0667	0.0000	OK
600 minute summer	FC66	330	185.051	0.051	0.2	0.0679	0.0000	OK
600 minute summer	FC67	330	184.831	0.031	0.2	0.3227	0.0000	OK
600 minute summer	FC68	315	184.598	0.048	0.2	0.0622	0.0000	OK
600 minute summer	J1	330	188.218	0.018	0.6	0.0247	0.0000	OK
600 minute summer	J2	330	188.134	0.028	0.8	0.0312	0.0000	OK
600 minute summer	J3	330	188.076	0.030	1.1	0.0334	0.0000	OK
600 minute summer	J4	315	188.056	0.021	1.3	0.0238	0.0000	OK
600 minute summer	J5	315	187.930	0.020	1.5	0.0229	0.0000	OK
600 minute summer	J6	315	187.677	0.027	1.7	0.0306	0.0000	OK
600 minute summer	J7	315	187.638	0.038	1.9	0.0428	0.0000	OK
600 minute summer	J8	315	187.620	0.027	2.1	0.0310	0.0000	OK
600 minute summer	J9	315	187.314	0.039	2.3	0.0440	0.0000	OK
600 minute summer	J10	315	187.292	0.022	2.6	0.0251	0.0000	OK
600 minute summer	J11	315	187.153	0.032	2.7	0.0357	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC65	67.000	J55	0.2	0.328	0.011	0.0018
600 minute summer	FC66	68.000	S24	0.2	0.391	0.028	0.0011
600 minute summer	FC67	69.000	J56	0.1	0.310	0.024	0.0010
600 minute summer	FC68	70.000	J57	0.2	0.454	0.022	0.0010
600 minute summer	J1	1.001	J2	0.6	0.444	0.072	0.0069
600 minute summer	J2	1.002	J3	0.8	0.490	0.135	0.0017
600 minute summer	J3	1.003	J4	1.1	0.567	0.083	0.0038
600 minute summer	J4	1.004	J5	1.3	0.883	0.038	0.0051
600 minute summer	J5	1.005	J6	1.5	0.842	0.039	0.0101
600 minute summer	J6	1.006	J7	1.7	0.599	0.059	0.0055
600 minute summer	J7	1.007	J8	1.9	0.664	0.134	0.0032
600 minute summer	J8	1.008	J9	2.1	0.962	0.068	0.0182
600 minute summer	J9	1.009	J10	2.3	0.713	0.069	0.0040
600 minute summer	J10	1.010	J11	2.5	0.954	0.020	0.0066
600 minute summer	J11	1.011	S2	2.7	0.521	0.043	0.0288

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J12	315	186.845	0.035	3.6	0.0401	0.0000	OK
600 minute summer	J13	315	186.765	0.063	3.8	0.0708	0.0000	OK
600 minute summer	J14	315	186.756	0.061	4.0	0.0689	0.0000	OK
600 minute summer	J15	315	186.744	0.056	4.2	0.0633	0.0000	OK
600 minute summer	J16	315	186.715	0.045	4.4	0.0507	0.0000	OK
600 minute summer	J17	315	186.386	0.028	4.5	0.0315	0.0000	OK
600 minute summer	J18	315	186.231	0.036	5.2	0.0412	0.0000	OK
600 minute summer	J19	315	186.092	0.065	5.4	0.0731	0.0000	OK
600 minute summer	J20	315	185.947	0.016	0.3	0.0184	0.0000	OK
600 minute summer	J21	315	185.915	0.020	0.5	0.0229	0.0000	OK
600 minute summer	J22	315	185.843	0.025	0.7	0.0280	0.0000	OK
600 minute summer	J23	315	185.810	0.027	0.9	0.0301	0.0000	OK
600 minute summer	J24	315	185.686	0.036	1.6	0.0408	0.0000	OK
600 minute summer	J25	315	185.654	0.039	1.8	0.0442	0.0000	OK
600 minute summer	J26	315	185.628	0.041	2.0	0.0468	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J12	1.013	J13	3.6	0.570	0.054	0.0420
600 minute summer	J13	1.014	J14	3.8	0.428	0.120	0.0167
600 minute summer	J14	1.015	J15	4.0	0.486	0.127	0.0157
600 minute summer	J15	1.016	J16	4.2	0.628	0.136	0.0341
600 minute summer	J16	1.017	J17	4.4	0.830	0.072	0.0176
600 minute summer	J17	1.018	S3	4.5	0.842	0.031	0.0106
600 minute summer	J18	1.020	J19	5.2	1.418	0.040	0.0055
600 minute summer	J19	1.021	S4	5.4	0.546	0.099	0.0439
600 minute summer	J20	23.002	J21	0.3	0.341	0.057	0.0037
600 minute summer	J21	23.003	J22	0.5	0.404	0.090	0.0106
600 minute summer	J22	23.004	J23	0.7	0.459	0.122	0.0057
600 minute summer	J23	23.005	S18	0.9	0.531	0.147	0.0123
600 minute summer	J24	23.007	J25	1.6	0.452	0.117	0.0213
600 minute summer	J25	23.008	J26	1.8	0.463	0.132	0.0188
600 minute summer	J26	23.009	S19	2.0	0.519	0.147	0.0140

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J27	315	185.508	0.047	2.7	0.0535	0.0000	OK
600 minute summer	J28	315	186.379	0.023	0.7	0.0262	0.0000	OK
600 minute summer	J29	315	186.298	0.027	0.9	0.0308	0.0000	OK
600 minute summer	J30	315	186.180	0.033	1.3	0.0374	0.0000	OK
600 minute summer	J31	315	186.154	0.034	1.5	0.0390	0.0000	OK
600 minute summer	J32	315	186.101	0.037	1.7	0.0420	0.0000	OK
600 minute summer	J33	315	185.636	0.026	2.4	0.0297	0.0000	OK
600 minute summer	J34	315	185.169	0.044	3.0	0.0499	0.0000	OK
600 minute summer	J35	315	185.104	0.029	3.2	0.0329	0.0000	OK
600 minute summer	J36	315	184.923	0.048	3.4	0.0538	0.0000	OK
600 minute summer	J37	315	184.628	0.053	3.9	0.0595	0.0000	OK
600 minute summer	J38	315	184.435	0.060	4.3	0.0674	0.0000	OK
600 minute summer	J39	315	184.398	0.060	4.5	0.0681	0.0000	OK
600 minute summer	J40	315	184.377	0.052	4.7	0.0589	0.0000	OK
600 minute summer	J41	315	184.614	0.017	0.4	0.0194	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J27	23.011	S4	2.6	0.481	0.089	0.0132
600 minute summer	J28	32.001	J29	0.7	0.449	0.117	0.0137
600 minute summer	J29	32.002	S12	0.9	0.530	0.150	0.0078
600 minute summer	J30	32.004	J31	1.3	0.434	0.097	0.0147
600 minute summer	J31	32.005	J32	1.5	0.460	0.112	0.0314
600 minute summer	J32	32.006	S13	1.7	0.620	0.126	0.0145
600 minute summer	J33	32.008	S14	2.4	0.757	0.066	0.0288
600 minute summer	J34	32.010	J35	3.0	0.716	0.078	0.0382
600 minute summer	J35	32.011	J36	3.2	0.713	0.036	0.0312
600 minute summer	J36	32.012	S15	3.4	0.736	0.113	0.0111
600 minute summer	J37	32.014	S16	3.9	0.841	0.128	0.0247
600 minute summer	J38	32.016	J39	4.3	0.506	0.142	0.0914
600 minute summer	J39	32.017	J40	4.5	0.580	0.145	0.0283
600 minute summer	J40	32.018	S10	4.7	0.695	0.108	0.0643
600 minute summer	J41	48.002	J42	0.4	0.364	0.064	0.0065

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J42	315	184.558	0.021	0.6	0.0239	0.0000	OK
600 minute summer	J43	315	184.392	0.032	1.1	0.0357	0.0000	OK
600 minute summer	J44	315	184.381	0.031	1.3	0.0353	0.0000	OK
600 minute summer	J45	315	184.338	0.038	1.5	0.0431	0.0000	OK
600 minute summer	J46	315	184.315	0.043	2.1	0.0488	0.0000	OK
600 minute summer	J47	315	184.293	0.045	2.3	0.0511	0.0000	OK
600 minute summer	J48	315	184.203	0.049	2.8	0.0557	0.0000	OK
600 minute summer	J49	315	184.187	0.058	3.0	0.0655	0.0000	OK
600 minute summer	J50	315	184.181	0.056	3.2	0.0628	0.0000	OK
600 minute summer	J51	315	184.169	0.061	3.4	0.0688	0.0000	OK
600 minute summer	J52	315	184.162	0.058	3.7	0.0650	0.0000	OK
600 minute summer	J53	315	184.144	0.056	3.9	0.0639	0.0000	OK
600 minute summer	J54	315	184.999	0.020	0.5	0.0228	0.0000	OK
600 minute summer	J55	315	184.968	0.024	0.7	0.0267	0.0000	OK
600 minute summer	J56	315	184.036	0.069	5.6	0.0783	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J42	48.003	S21	0.6	0.399	0.098	0.0119
600 minute summer	J43	48.005	J44	1.1	0.402	0.077	0.0043
600 minute summer	J44	48.006	J45	1.3	0.415	0.095	0.0270
600 minute summer	J45	48.007	S22	1.5	0.396	0.108	0.0091
600 minute summer	J46	48.009	J47	2.1	0.476	0.154	0.0182
600 minute summer	J47	48.010	S23	2.3	0.534	0.169	0.0111
600 minute summer	J48	48.012	J49	2.8	0.392	0.095	0.0539
600 minute summer	J49	48.013	J50	3.0	0.387	0.099	0.0089
600 minute summer	J50	48.014	J51	3.2	0.398	0.108	0.0412
600 minute summer	J51	48.015	J52	3.4	0.411	0.112	0.0094
600 minute summer	J52	48.016	J53	3.7	0.471	0.122	0.0384
600 minute summer	J53	48.017	S24	3.9	0.543	0.129	0.0738
600 minute summer	J54	65.002	J55	0.5	0.388	0.083	0.0046
600 minute summer	J55	65.003	S24	0.7	0.497	0.117	0.0109
600 minute summer	J56	48.019	J57	5.6	0.454	0.104	0.1126

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Results for 2 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J57	315	184.015	0.070	5.8	0.0794	0.0000	OK
600 minute summer	BASIN 1	435	185.441	0.441	8.2	52.2386	0.0000	SURCHARGED
600 minute summer	BASIN 2	840	184.562	0.262	0.9	24.3380	0.0000	OK
600 minute summer	BASIN 3	570	183.156	0.056	5.2	39.1046	0.0000	OK
600 minute summer	BASIN 4	480	183.627	0.297	5.8	39.2250	0.0000	OK
600 minute summer	SWALE 1	435	184.959	0.027	0.9	0.0310	0.0000	OK
600 minute summer	SWALE 2	15	184.450	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWALE 3	315	184.126	0.056	5.2	0.0631	0.0000	OK
600 minute summer	BH1	840	184.562	0.485	0.6	2.2086	0.0000	OK
600 minute summer	BH2	570	183.156	0.104	1.4	2.1241	0.0000	OK
600 minute summer	BH3	480	183.627	0.321	1.8	3.1042	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J57	48.020	S25	5.8	0.482	0.108	0.0955
600 minute summer	BASIN 1	1.023	S5	0.9	0.092	0.018	0.6013
600 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
600 minute summer	BASIN 2	71.000	BH1	0.6	0.380	0.098	0.1829
600 minute summer	BASIN 3	1.034	BH2	1.4	0.264	0.016	0.4766
600 minute summer	BASIN 4	48.022	BH3	1.8	0.359	0.035	0.7176
600 minute summer	SWALE 1	1.025	S6	0.9	0.288	0.017	0.1216
600 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
600 minute summer	SWALE 3	1.033	BASIN 3	5.2	0.589	0.074	0.3789
600 minute summer	BH1	Infiltration		0.1			
600 minute summer	BH2	Infiltration		0.2			
600 minute summer	BH3	Infiltration		0.2			

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S1	285	188.381	0.011	0.2	0.0142	0.0000	OK
600 minute winter	S2	315	187.088	0.049	2.9	0.0727	0.0000	OK
600 minute winter	S3	315	186.265	0.053	4.0	0.0694	0.0000	OK
600 minute winter	S4	465	185.506	0.128	6.7	0.1521	0.0000	OK
600 minute winter	S5	465	185.506	0.526	1.0	0.5950	0.0000	SURCHARGED
600 minute winter	S6	465	184.873	0.029	1.0	0.0326	0.0000	OK
600 minute winter	S7	15	184.779	0.000	0.0	0.0000	0.0000	OK
600 minute winter	S8	15	184.390	0.000	0.0	0.0000	0.0000	OK
600 minute winter	S9	315	184.216	0.016	0.0	0.0180	0.0000	OK
600 minute winter	S10	315	184.216	0.032	4.2	0.0487	0.0000	OK
600 minute winter	S11	285	186.418	0.018	0.4	0.0292	0.0000	OK
600 minute winter	S12	330	186.202	0.025	0.8	0.0288	0.0000	OK
600 minute winter	S13	330	186.058	0.024	1.7	0.0339	0.0000	OK
600 minute winter	S14	330	185.289	0.039	2.3	0.0612	0.0000	OK
600 minute winter	S15	315	184.895	0.028	3.0	0.0387	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	S1	1.000	J1	0.2	0.312	0.023	0.0058
600 minute winter	S2	1.012	J12	2.9	0.491	0.096	0.0087
600 minute winter	S3	1.019	J18	4.0	0.765	0.131	0.0273
600 minute winter	S4	1.022	BASIN 1	6.7	0.807	0.040	0.8287
600 minute winter	S5	1.024	SWALE 1	1.0	0.296	0.019	0.0683
600 minute winter	S6	1.026	BASIN 2	1.0	0.342	0.018	0.0168
600 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
600 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0085
600 minute winter	S9	1.031	S10	0.0	-0.008	0.000	0.0181
600 minute winter	S10	1.032	SWALE 3	4.2	0.723	0.023	0.0256
600 minute winter	S11	32.000	J28	0.4	0.394	0.067	0.0046
600 minute winter	S12	32.003	J30	0.8	0.368	0.060	0.0111
600 minute winter	S13	32.007	J33	1.7	0.954	0.053	0.0232
600 minute winter	S14	32.009	J34	2.3	0.659	0.133	0.0183
600 minute winter	S15	32.013	J37	3.0	0.681	0.032	0.0418

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S16	315	184.580	0.023	3.3	0.0295	0.0000	OK
600 minute winter	S17	420	186.009	0.009	0.1	0.0103	0.0000	OK
600 minute winter	S18	315	185.693	0.032	1.1	0.0450	0.0000	OK
600 minute winter	S19	315	185.531	0.040	2.0	0.0552	0.0000	OK
600 minute winter	S20	360	184.658	0.016	0.3	0.0191	0.0000	OK
600 minute winter	S21	330	184.485	0.026	0.8	0.0305	0.0000	OK
600 minute winter	S22	330	184.326	0.040	1.7	0.0491	0.0000	OK
600 minute winter	S23	330	184.205	0.047	2.2	0.0560	0.0000	OK
600 minute winter	S24	315	184.042	0.065	4.6	0.0939	0.0000	OK
600 minute winter	S25	330	183.986	0.060	4.8	0.0683	0.0000	OK
600 minute winter	S26	270	185.388	0.011	0.2	0.0128	0.0000	OK
600 minute winter	FC1	330	188.301	0.051	0.2	0.0684	0.0000	OK
600 minute winter	FC2	330	188.202	0.052	0.2	0.0687	0.0000	OK
600 minute winter	FC3	330	188.302	0.102	0.3	0.1476	0.0000	SURCHARGED
600 minute winter	FC4	300	188.222	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	S16	32.015	J38	3.3	0.734	0.022	0.0108
600 minute winter	S17	23.001	J20	0.1	0.227	0.017	0.0033
600 minute winter	S18	23.006	J24	1.1	0.407	0.080	0.0049
600 minute winter	S19	23.010	J27	2.0	0.396	0.067	0.0448
600 minute winter	S20	48.001	J41	0.3	0.391	0.050	0.0035
600 minute winter	S21	48.004	J43	0.8	0.515	0.135	0.0079
600 minute winter	S22	48.008	J46	1.7	0.450	0.127	0.0092
600 minute winter	S23	48.011	J48	2.2	0.377	0.071	0.0065
600 minute winter	S24	48.018	J56	4.6	0.419	0.085	0.0462
600 minute winter	S25	48.021	BASIN 4	4.8	0.526	0.086	0.0289
600 minute winter	S26	65.001	J54	0.2	0.456	0.023	0.0037
600 minute winter	FC1	2.000	J1	0.2	0.265	0.032	0.0036
600 minute winter	FC2	3.000	J2	0.2	0.179	0.034	0.0053
600 minute winter	FC3	4.000	J3	0.3	0.413	0.047	0.0068
600 minute winter	FC4	5.000	J4	0.1	0.335	0.013	0.0022

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC5	330	188.052	0.052	0.2	0.0691	0.0000	OK
600 minute winter	FC6	390	187.872	0.022	0.1	0.0284	0.0000	OK
600 minute winter	FC7	345	187.772	0.022	0.1	0.0284	0.0000	OK
600 minute winter	FC8	330	187.800	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC9	225	187.492	0.022	0.1	0.0284	0.0000	OK
600 minute winter	FC10	375	187.521	0.051	0.2	0.0724	0.0000	OK
600 minute winter	FC11	315	187.369	0.049	0.2	0.0645	0.0000	OK
600 minute winter	FC12	315	187.279	0.049	0.2	0.0645	0.0000	OK
600 minute winter	FC13	330	187.052	0.052	0.2	0.0690	0.0000	OK
600 minute winter	FC14	330	186.937	0.037	0.2	0.4680	0.0000	OK
600 minute winter	FC15	255	187.222	0.022	0.1	0.0283	0.0000	OK
600 minute winter	FC16	255	186.922	0.022	0.1	0.0284	0.0000	OK
600 minute winter	FC17	270	187.022	0.022	0.1	0.0284	0.0000	OK
600 minute winter	FC18	210	186.572	0.022	0.1	0.0284	0.0000	OK
600 minute winter	FC19	330	186.452	0.052	0.2	0.0690	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024
600 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020
600 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023
600 minute winter	FC8	9.000	J8	0.2	0.488	0.021	0.0017
600 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025
600 minute winter	FC10	11.000	J10	0.2	0.376	0.030	0.0033
600 minute winter	FC11	12.000	J11	0.2	0.343	0.033	0.0043
600 minute winter	FC12	13.000	S2	0.2	0.343	0.033	0.0039
600 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039
600 minute winter	FC14	15.000	J13	0.2	0.326	0.027	0.0037
600 minute winter	FC15	16.000	J14	0.1	0.592	0.006	0.0008
600 minute winter	FC16	17.000	J15	0.1	0.301	0.015	0.0025
600 minute winter	FC17	18.000	J16	0.1	0.473	0.008	0.0010
600 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025
600 minute winter	FC19	20.000	S3	0.2	0.346	0.034	0.0038

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC20	330	187.000	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC21	330	186.352	0.052	0.2	0.0690	0.0000	OK
600 minute winter	FC22	420	186.472	0.022	0.1	0.2126	0.0000	OK
600 minute winter	FC23	255	186.322	0.022	0.1	0.0284	0.0000	OK
600 minute winter	FC24	330	186.351	0.051	0.2	0.0674	0.0000	OK
600 minute winter	FC25	330	186.600	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC26	405	186.472	0.022	0.1	0.2224	0.0000	OK
600 minute winter	FC27	255	186.522	0.022	0.1	0.0283	0.0000	OK
600 minute winter	FC28	330	186.550	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC29	345	186.550	0.050	0.2	0.0678	0.0000	OK
600 minute winter	FC30	330	186.800	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC31	300	186.472	0.022	0.1	0.0284	0.0000	OK
600 minute winter	FC32	390	186.472	0.022	0.1	0.0284	0.0000	OK
600 minute winter	FC33	330	186.500	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC34	330	186.502	0.052	0.2	0.0687	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013
600 minute winter	FC21	22.000	J19	0.2	0.347	0.034	0.0044
600 minute winter	FC22	23.000	S17	0.1	0.402	0.005	0.0012
600 minute winter	FC23	24.000	J20	0.1	0.295	0.016	0.0016
600 minute winter	FC24	25.000	J21	0.2	0.405	0.027	0.0023
600 minute winter	FC25	26.000	J22	0.2	0.686	0.013	0.0014
600 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009
600 minute winter	FC27	28.000	J24	0.1	0.611	0.005	0.0007
600 minute winter	FC28	29.000	J25	0.2	0.690	0.012	0.0013
600 minute winter	FC29	30.000	J26	0.2	0.672	0.013	0.0014
600 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0014
600 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0029
600 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0031
600 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013
600 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC35	330	186.500	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC36	345	186.500	0.050	0.2	0.0678	0.0000	OK
600 minute winter	FC37	360	185.850	0.050	0.2	0.0698	0.0000	OK
600 minute winter	FC38	390	185.472	0.022	0.1	0.2647	0.0000	OK
600 minute winter	FC39	270	185.472	0.022	0.1	0.0284	0.0000	OK
600 minute winter	FC40	330	185.550	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC41	330	184.900	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC42	330	184.650	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC43	330	184.650	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC44	210	184.607	0.007	0.1	0.0089	0.0000	OK
600 minute winter	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
600 minute winter	FC46	375	184.752	0.052	0.2	0.0731	0.0000	OK
600 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute winter	FC48	330	184.850	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC49	330	184.852	0.052	0.2	0.0691	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016
600 minute winter	FC36	38.000	J32	0.2	0.685	0.013	0.0015
600 minute winter	FC37	39.000	J33	0.2	0.459	0.023	0.0029
600 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010
600 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009
600 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013
600 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0020
600 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0022
600 minute winter	FC43	45.000	J39	0.2	0.526	0.018	0.0016
600 minute winter	FC44	46.000	J40	0.1	0.438	0.009	0.0010
600 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
600 minute winter	FC46	48.000	S20	0.2	0.311	0.034	0.0040
600 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0020
600 minute winter	FC48	50.000	J42	0.2	0.299	0.014	0.0035
600 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC50	330	184.852	0.052	0.2	0.0691	0.0000	OK
600 minute winter	FC51	330	184.902	0.052	0.2	0.0690	0.0000	OK
600 minute winter	FC52	360	185.300	0.050	0.2	0.0688	0.0000	OK
600 minute winter	FC53	330	185.300	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC54	375	185.272	0.022	0.1	0.0284	0.0000	OK
600 minute winter	FC55	405	185.272	0.022	0.1	0.0284	0.0000	OK
600 minute winter	FC56	330	185.400	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC57	330	185.400	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC58	405	185.372	0.022	0.1	0.0284	0.0000	OK
600 minute winter	FC59	270	185.372	0.022	0.1	0.0284	0.0000	OK
600 minute winter	FC60	330	185.400	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC61	330	185.350	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC62	315	185.342	0.091	0.3	0.1309	0.0000	OK
600 minute winter	FC63	210	185.422	0.022	0.1	0.0284	0.0000	OK
600 minute winter	FC64	330	185.052	0.052	0.2	0.0688	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027
600 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035
600 minute winter	FC52	58.000	S23	0.2	0.502	0.020	0.0022
600 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018
600 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009
600 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008
600 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019
600 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020
600 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013
600 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014
600 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023
600 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033
600 minute winter	FC62	63.000	J52	0.3	0.462	0.037	0.0057
600 minute winter	FC63	65.000	S26	0.1	0.312	0.017	0.0010
600 minute winter	FC64	66.000	J54	0.2	0.266	0.034	0.0017

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC65	330	185.200	0.050	0.2	0.0667	0.0000	OK
600 minute winter	FC66	330	185.051	0.051	0.2	0.0679	0.0000	OK
600 minute winter	FC67	390	184.822	0.022	0.1	0.2271	0.0000	OK
600 minute winter	FC68	270	184.572	0.022	0.1	0.0284	0.0000	OK
600 minute winter	J1	330	188.218	0.018	0.6	0.0247	0.0000	OK
600 minute winter	J2	330	188.134	0.028	0.8	0.0312	0.0000	OK
600 minute winter	J3	330	188.076	0.029	1.1	0.0334	0.0000	OK
600 minute winter	J4	330	188.055	0.020	1.2	0.0229	0.0000	OK
600 minute winter	J5	330	187.930	0.020	1.4	0.0223	0.0000	OK
600 minute winter	J6	330	187.675	0.025	1.5	0.0286	0.0000	OK
600 minute winter	J7	330	187.635	0.035	1.6	0.0396	0.0000	OK
600 minute winter	J8	330	187.619	0.026	1.8	0.0289	0.0000	OK
600 minute winter	J9	330	187.311	0.036	1.9	0.0404	0.0000	OK
600 minute winter	J10	330	187.290	0.020	2.1	0.0227	0.0000	OK
600 minute winter	J11	315	187.150	0.029	2.3	0.0327	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC65	67.000	J55	0.2	0.329	0.011	0.0017
600 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011
600 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008
600 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006
600 minute winter	J1	1.001	J2	0.6	0.444	0.072	0.0069
600 minute winter	J2	1.002	J3	0.8	0.490	0.135	0.0017
600 minute winter	J3	1.003	J4	1.1	0.574	0.083	0.0038
600 minute winter	J4	1.004	J5	1.2	0.863	0.036	0.0049
600 minute winter	J5	1.005	J6	1.4	0.846	0.037	0.0094
600 minute winter	J6	1.006	J7	1.5	0.594	0.053	0.0050
600 minute winter	J7	1.007	J8	1.6	0.631	0.115	0.0029
600 minute winter	J8	1.008	J9	1.8	0.924	0.059	0.0165
600 minute winter	J9	1.009	J10	1.9	0.685	0.058	0.0035
600 minute winter	J10	1.010	J11	2.1	0.909	0.016	0.0057
600 minute winter	J11	1.011	S2	2.3	0.503	0.035	0.0252

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J12	315	186.842	0.033	3.1	0.0370	0.0000	OK
600 minute winter	J13	315	186.759	0.057	3.2	0.0643	0.0000	OK
600 minute winter	J14	315	186.750	0.055	3.3	0.0624	0.0000	OK
600 minute winter	J15	315	186.739	0.051	3.4	0.0573	0.0000	OK
600 minute winter	J16	315	186.710	0.040	3.5	0.0453	0.0000	OK
600 minute winter	J17	315	186.383	0.025	3.6	0.0277	0.0000	OK
600 minute winter	J18	315	186.226	0.032	4.2	0.0365	0.0000	OK
600 minute winter	J19	315	186.085	0.058	4.4	0.0658	0.0000	OK
600 minute winter	J20	420	185.944	0.013	0.2	0.0143	0.0000	OK
600 minute winter	J21	330	185.913	0.018	0.4	0.0199	0.0000	OK
600 minute winter	J22	330	185.840	0.022	0.6	0.0252	0.0000	OK
600 minute winter	J23	330	185.807	0.024	0.7	0.0269	0.0000	OK
600 minute winter	J24	315	185.681	0.031	1.2	0.0354	0.0000	OK
600 minute winter	J25	315	185.650	0.034	1.4	0.0390	0.0000	OK
600 minute winter	J26	315	185.624	0.037	1.6	0.0420	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J12	1.013	J13	3.1	0.549	0.046	0.0369
600 minute winter	J13	1.014	J14	3.2	0.418	0.103	0.0146
600 minute winter	J14	1.015	J15	3.3	0.468	0.106	0.0136
600 minute winter	J15	1.016	J16	3.4	0.600	0.112	0.0293
600 minute winter	J16	1.017	J17	3.5	0.784	0.058	0.0151
600 minute winter	J17	1.018	S3	3.6	0.791	0.025	0.0090
600 minute winter	J18	1.020	J19	4.2	1.347	0.032	0.0047
600 minute winter	J19	1.021	S4	4.4	0.516	0.080	0.0376
600 minute winter	J20	23.002	J21	0.2	0.302	0.034	0.0028
600 minute winter	J21	23.003	J22	0.4	0.360	0.067	0.0089
600 minute winter	J22	23.004	J23	0.6	0.440	0.101	0.0049
600 minute winter	J23	23.005	S18	0.7	0.499	0.118	0.0105
600 minute winter	J24	23.007	J25	1.2	0.419	0.090	0.0176
600 minute winter	J25	23.008	J26	1.4	0.433	0.105	0.0160
600 minute winter	J26	23.009	S19	1.6	0.491	0.120	0.0120

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J27	465	185.506	0.045	2.2	0.0511	0.0000	OK
600 minute winter	J28	315	186.376	0.020	0.5	0.0222	0.0000	OK
600 minute winter	J29	285	186.293	0.022	0.6	0.0251	0.0000	OK
600 minute winter	J30	330	186.176	0.029	1.0	0.0327	0.0000	OK
600 minute winter	J31	330	186.150	0.031	1.2	0.0348	0.0000	OK
600 minute winter	J32	330	186.098	0.034	1.4	0.0384	0.0000	OK
600 minute winter	J33	330	185.634	0.024	1.9	0.0267	0.0000	OK
600 minute winter	J34	330	185.165	0.040	2.4	0.0449	0.0000	OK
600 minute winter	J35	330	185.101	0.026	2.5	0.0293	0.0000	OK
600 minute winter	J36	315	184.918	0.043	2.7	0.0483	0.0000	OK
600 minute winter	J37	315	184.623	0.048	3.2	0.0542	0.0000	OK
600 minute winter	J38	315	184.429	0.053	3.5	0.0605	0.0000	OK
600 minute winter	J39	315	184.392	0.054	3.7	0.0613	0.0000	OK
600 minute winter	J40	315	184.372	0.047	3.8	0.0528	0.0000	OK
600 minute winter	J41	375	184.612	0.015	0.3	0.0173	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J27	23.011	S4	2.2	0.458	0.073	0.0153
600 minute winter	J28	32.001	J29	0.5	0.421	0.084	0.0105
600 minute winter	J29	32.002	S12	0.6	0.476	0.101	0.0059
600 minute winter	J30	32.004	J31	1.0	0.403	0.075	0.0124
600 minute winter	J31	32.005	J32	1.2	0.430	0.090	0.0272
600 minute winter	J32	32.006	S13	1.4	0.591	0.105	0.0127
600 minute winter	J33	32.008	S14	1.9	0.715	0.053	0.0245
600 minute winter	J34	32.010	J35	2.4	0.672	0.062	0.0326
600 minute winter	J35	32.011	J36	2.5	0.657	0.028	0.0266
600 minute winter	J36	32.012	S15	2.7	0.689	0.090	0.0095
600 minute winter	J37	32.014	S16	3.2	0.793	0.105	0.0216
600 minute winter	J38	32.016	J39	3.5	0.480	0.116	0.0787
600 minute winter	J39	32.017	J40	3.7	0.555	0.120	0.0243
600 minute winter	J40	32.018	S10	3.8	0.656	0.088	0.0552
600 minute winter	J41	48.002	J42	0.3	0.356	0.051	0.0057

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J42	330	184.557	0.020	0.5	0.0223	0.0000	OK
600 minute winter	J43	330	184.391	0.030	1.0	0.0345	0.0000	OK
600 minute winter	J44	330	184.380	0.030	1.2	0.0342	0.0000	OK
600 minute winter	J45	330	184.337	0.037	1.4	0.0416	0.0000	OK
600 minute winter	J46	330	184.312	0.040	1.8	0.0452	0.0000	OK
600 minute winter	J47	330	184.289	0.041	1.9	0.0466	0.0000	OK
600 minute winter	J48	330	184.199	0.045	2.4	0.0506	0.0000	OK
600 minute winter	J49	330	184.182	0.053	2.6	0.0601	0.0000	OK
600 minute winter	J50	330	184.176	0.051	2.8	0.0576	0.0000	OK
600 minute winter	J51	330	184.164	0.056	2.9	0.0628	0.0000	OK
600 minute winter	J52	315	184.157	0.053	3.2	0.0596	0.0000	OK
600 minute winter	J53	315	184.139	0.052	3.3	0.0583	0.0000	OK
600 minute winter	J54	330	184.997	0.018	0.4	0.0203	0.0000	OK
600 minute winter	J55	330	184.966	0.022	0.6	0.0249	0.0000	OK
600 minute winter	J56	330	184.030	0.063	4.7	0.0708	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J42	48.003	S21	0.5	0.388	0.085	0.0110
600 minute winter	J43	48.005	J44	1.0	0.393	0.072	0.0041
600 minute winter	J44	48.006	J45	1.2	0.409	0.090	0.0258
600 minute winter	J45	48.007	S22	1.4	0.393	0.103	0.0085
600 minute winter	J46	48.009	J47	1.8	0.468	0.135	0.0162
600 minute winter	J47	48.010	S23	1.9	0.510	0.142	0.0098
600 minute winter	J48	48.012	J49	2.4	0.377	0.080	0.0474
600 minute winter	J49	48.013	J50	2.6	0.375	0.085	0.0079
600 minute winter	J50	48.014	J51	2.8	0.391	0.094	0.0363
600 minute winter	J51	48.015	J52	2.9	0.396	0.095	0.0083
600 minute winter	J52	48.016	J53	3.2	0.456	0.104	0.0339
600 minute winter	J53	48.017	S24	3.3	0.518	0.108	0.0647
600 minute winter	J54	65.002	J55	0.4	0.360	0.068	0.0041
600 minute winter	J55	65.003	S24	0.6	0.478	0.102	0.0099
600 minute winter	J56	48.019	J57	4.7	0.435	0.086	0.0973

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Results for 2 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J57	330	184.008	0.063	4.8	0.0716	0.0000	OK
600 minute winter	BASIN 1	465	185.506	0.506	6.7	60.7838	0.0000	SURCHARGED
600 minute winter	BASIN 2	840	184.596	0.296	1.0	27.7332	0.0000	OK
600 minute winter	BASIN 3	585	183.167	0.067	4.2	46.4708	0.0000	OK
600 minute winter	BASIN 4	510	183.680	0.350	4.8	46.7622	0.0000	SURCHARGED
600 minute winter	SWALE 1	465	184.960	0.028	1.0	0.0320	0.0000	OK
600 minute winter	SWALE 2	15	184.450	0.000	0.0	0.0000	0.0000	OK
600 minute winter	SWALE 3	315	184.120	0.050	4.2	0.0570	0.0000	OK
600 minute winter	BH1	840	184.596	0.519	0.5	2.3060	0.0000	OK
600 minute winter	BH2	585	183.167	0.115	1.0	2.1764	0.0000	OK
600 minute winter	BH3	510	183.680	0.374	1.8	3.3530	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J57	48.020	S25	4.8	0.456	0.088	0.0827
600 minute winter	BASIN 1	1.023	S5	1.0	0.089	0.019	0.6013
600 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
600 minute winter	BASIN 2	71.000	BH1	0.5	0.346	0.093	0.1829
600 minute winter	BASIN 3	1.034	BH2	1.0	0.260	0.012	0.5644
600 minute winter	BASIN 4	48.022	BH3	1.8	0.403	0.034	0.7181
600 minute winter	SWALE 1	1.025	S6	1.0	0.294	0.019	0.1277
600 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
600 minute winter	SWALE 3	1.033	BASIN 3	4.2	0.557	0.060	0.3245
600 minute winter	BH1	Infiltration		0.1			
600 minute winter	BH2	Infiltration		0.2			
600 minute winter	BH3	Infiltration		0.2			

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S1	360	188.381	0.011	0.2	0.0142	0.0000	OK
720 minute summer	S2	375	187.092	0.053	3.3	0.0784	0.0000	OK
720 minute summer	S3	375	186.271	0.059	4.9	0.0766	0.0000	OK
720 minute summer	S4	495	185.438	0.059	7.9	0.0707	0.0000	OK
720 minute summer	S5	495	185.438	0.457	0.9	0.5174	0.0000	SURCHARGED
720 minute summer	S6	510	184.872	0.028	0.9	0.0315	0.0000	OK
720 minute summer	S7	15	184.779	0.000	0.0	0.0000	0.0000	OK
720 minute summer	S8	15	184.390	0.000	0.0	0.0000	0.0000	OK
720 minute summer	S9	375	184.219	0.019	0.0	0.0215	0.0000	OK
720 minute summer	S10	375	184.219	0.035	5.0	0.0534	0.0000	OK
720 minute summer	S11	375	186.420	0.020	0.5	0.0327	0.0000	OK
720 minute summer	S12	375	186.206	0.030	1.1	0.0339	0.0000	OK
720 minute summer	S13	375	186.060	0.026	2.0	0.0365	0.0000	OK
720 minute summer	S14	375	185.292	0.042	2.7	0.0661	0.0000	OK
720 minute summer	S15	375	184.897	0.030	3.5	0.0416	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	S1	1.000	J1	0.2	0.297	0.023	0.0058
720 minute summer	S2	1.012	J12	3.3	0.511	0.111	0.0097
720 minute summer	S3	1.019	J18	4.9	0.811	0.161	0.0317
720 minute summer	S4	1.022	BASIN 1	7.9	0.807	0.047	0.6715
720 minute summer	S5	1.024	SWALE 1	0.9	0.290	0.017	0.0648
720 minute summer	S6	1.026	BASIN 2	0.9	0.336	0.017	0.0159
720 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
720 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0111
720 minute summer	S9	1.031	S10	0.0	-0.008	0.000	0.0214
720 minute summer	S10	1.032	SWALE 3	5.0	0.756	0.028	0.0291
720 minute summer	S11	32.000	J28	0.5	0.410	0.084	0.0056
720 minute summer	S12	32.003	J30	1.1	0.404	0.081	0.0137
720 minute summer	S13	32.007	J33	2.0	0.991	0.061	0.0260
720 minute summer	S14	32.009	J34	2.7	0.685	0.153	0.0203
720 minute summer	S15	32.013	J37	3.5	0.718	0.038	0.0462

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S16	375	184.582	0.025	3.9	0.0319	0.0000	OK
720 minute summer	S17	390	186.011	0.011	0.1	0.0123	0.0000	OK
720 minute summer	S18	375	185.696	0.035	1.3	0.0491	0.0000	OK
720 minute summer	S19	375	185.534	0.043	2.3	0.0588	0.0000	OK
720 minute summer	S20	375	184.660	0.018	0.4	0.0215	0.0000	OK
720 minute summer	S21	375	184.486	0.027	0.9	0.0320	0.0000	OK
720 minute summer	S22	375	184.329	0.043	1.9	0.0521	0.0000	OK
720 minute summer	S23	375	184.209	0.051	2.6	0.0607	0.0000	OK
720 minute summer	S24	375	184.047	0.070	5.3	0.1019	0.0000	OK
720 minute summer	S25	375	183.992	0.066	5.6	0.0741	0.0000	OK
720 minute summer	S26	375	185.390	0.013	0.3	0.0154	0.0000	OK
720 minute summer	FC1	390	188.301	0.051	0.2	0.0684	0.0000	OK
720 minute summer	FC2	390	188.202	0.052	0.2	0.0687	0.0000	OK
720 minute summer	FC3	390	188.302	0.102	0.3	0.1476	0.0000	SURCHARGED
720 minute summer	FC4	375	188.248	0.048	0.2	0.0623	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	S16	32.015	J38	3.9	0.770	0.026	0.0121
720 minute summer	S17	23.001	J20	0.1	0.250	0.025	0.0046
720 minute summer	S18	23.006	J24	1.3	0.410	0.092	0.0057
720 minute summer	S19	23.010	J27	2.3	0.410	0.075	0.0489
720 minute summer	S20	48.001	J41	0.4	0.419	0.064	0.0042
720 minute summer	S21	48.004	J43	0.9	0.528	0.148	0.0085
720 minute summer	S22	48.008	J46	1.9	0.450	0.139	0.0101
720 minute summer	S23	48.011	J48	2.6	0.391	0.083	0.0073
720 minute summer	S24	48.018	J56	5.3	0.433	0.099	0.0519
720 minute summer	S25	48.021	BASIN 4	5.6	0.552	0.102	0.0325
720 minute summer	S26	65.001	J54	0.3	0.511	0.033	0.0049
720 minute summer	FC1	2.000	J1	0.2	0.265	0.032	0.0036
720 minute summer	FC2	3.000	J2	0.2	0.179	0.034	0.0053
720 minute summer	FC3	4.000	J3	0.3	0.413	0.047	0.0068
720 minute summer	FC4	5.000	J4	0.2	0.409	0.026	0.0035

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC5	390	188.052	0.052	0.2	0.0691	0.0000	OK
720 minute summer	FC6	375	187.898	0.048	0.2	0.0622	0.0000	OK
720 minute summer	FC7	375	187.798	0.048	0.2	0.0626	0.0000	OK
720 minute summer	FC8	390	187.800	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC9	375	187.519	0.049	0.2	0.0636	0.0000	OK
720 minute summer	FC10	375	187.563	0.093	0.3	0.1307	0.0000	OK
720 minute summer	FC11	375	187.369	0.049	0.2	0.0645	0.0000	OK
720 minute summer	FC12	375	187.279	0.049	0.2	0.0645	0.0000	OK
720 minute summer	FC13	390	187.052	0.052	0.2	0.0690	0.0000	OK
720 minute summer	FC14	390	186.936	0.036	0.2	0.4606	0.0000	OK
720 minute summer	FC15	375	187.248	0.048	0.2	0.0622	0.0000	OK
720 minute summer	FC16	375	186.949	0.049	0.2	0.0631	0.0000	OK
720 minute summer	FC17	375	187.048	0.048	0.2	0.0622	0.0000	OK
720 minute summer	FC18	375	186.599	0.049	0.2	0.0636	0.0000	OK
720 minute summer	FC19	390	186.452	0.052	0.2	0.0690	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC5	6.000	J5	0.2	0.346	0.034	0.0024
720 minute summer	FC6	7.000	J6	0.2	0.449	0.022	0.0032
720 minute summer	FC7	8.000	J7	0.2	0.390	0.027	0.0036
720 minute summer	FC8	9.000	J8	0.2	0.488	0.021	0.0017
720 minute summer	FC9	10.000	J9	0.2	0.345	0.032	0.0040
720 minute summer	FC10	11.000	J10	0.3	0.416	0.043	0.0042
720 minute summer	FC11	12.000	J11	0.2	0.343	0.033	0.0043
720 minute summer	FC12	13.000	S2	0.2	0.343	0.033	0.0039
720 minute summer	FC13	14.000	J12	0.2	0.348	0.034	0.0039
720 minute summer	FC14	15.000	J13	0.2	0.325	0.027	0.0037
720 minute summer	FC15	16.000	J14	0.2	0.725	0.011	0.0013
720 minute summer	FC16	17.000	J15	0.2	0.366	0.030	0.0040
720 minute summer	FC17	18.000	J16	0.2	0.581	0.015	0.0016
720 minute summer	FC18	19.000	J17	0.2	0.343	0.033	0.0039
720 minute summer	FC19	20.000	S3	0.2	0.346	0.034	0.0038

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC20	390	187.000	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC21	390	186.352	0.052	0.2	0.0690	0.0000	OK
720 minute summer	FC22	390	186.481	0.031	0.2	0.3048	0.0000	OK
720 minute summer	FC23	375	186.349	0.049	0.2	0.0633	0.0000	OK
720 minute summer	FC24	390	186.351	0.051	0.2	0.0674	0.0000	OK
720 minute summer	FC25	390	186.600	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC26	390	186.481	0.031	0.2	0.3149	0.0000	OK
720 minute summer	FC27	375	186.548	0.048	0.2	0.0622	0.0000	OK
720 minute summer	FC28	390	186.550	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC29	390	186.550	0.050	0.2	0.0677	0.0000	OK
720 minute summer	FC30	390	186.800	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC31	375	186.498	0.048	0.2	0.0622	0.0000	OK
720 minute summer	FC32	375	186.498	0.048	0.2	0.0622	0.0000	OK
720 minute summer	FC33	390	186.500	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC34	390	186.502	0.052	0.2	0.0687	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC20	21.000	J18	0.2	0.692	0.012	0.0013
720 minute summer	FC21	22.000	J19	0.2	0.347	0.034	0.0044
720 minute summer	FC22	23.000	S17	0.1	0.448	0.008	0.0016
720 minute summer	FC23	24.000	J20	0.2	0.358	0.031	0.0025
720 minute summer	FC24	25.000	J21	0.2	0.405	0.027	0.0023
720 minute summer	FC25	26.000	J22	0.2	0.686	0.013	0.0014
720 minute summer	FC26	27.000	J23	0.1	0.549	0.011	0.0012
720 minute summer	FC27	28.000	J24	0.2	0.748	0.011	0.0012
720 minute summer	FC28	29.000	J25	0.2	0.690	0.012	0.0013
720 minute summer	FC29	30.000	J26	0.2	0.672	0.013	0.0014
720 minute summer	FC30	31.000	J27	0.2	0.646	0.014	0.0014
720 minute summer	FC31	33.000	J28	0.2	0.227	0.022	0.0038
720 minute summer	FC32	34.000	J29	0.2	0.204	0.015	0.0043
720 minute summer	FC33	35.000	S12	0.2	0.636	0.014	0.0013
720 minute summer	FC34	36.000	J30	0.2	0.357	0.032	0.0027

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC35	390	186.500	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC36	390	186.500	0.050	0.2	0.0677	0.0000	OK
720 minute summer	FC37	375	185.891	0.091	0.3	0.1266	0.0000	OK
720 minute summer	FC38	390	185.480	0.030	0.2	0.3587	0.0000	OK
720 minute summer	FC39	375	185.498	0.048	0.2	0.0622	0.0000	OK
720 minute summer	FC40	390	185.550	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC41	390	184.900	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC42	390	184.650	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC43	390	184.650	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC44	375	184.610	0.009	0.2	0.0122	0.0000	OK
720 minute summer	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
720 minute summer	FC46	375	184.793	0.093	0.3	0.1314	0.0000	OK
720 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute summer	FC48	390	184.850	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC49	390	184.852	0.052	0.2	0.0691	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC35	37.000	J31	0.2	0.639	0.014	0.0016
720 minute summer	FC36	38.000	J32	0.2	0.685	0.013	0.0015
720 minute summer	FC37	39.000	J33	0.3	0.509	0.032	0.0036
720 minute summer	FC38	40.000	J34	0.1	0.522	0.011	0.0013
720 minute summer	FC39	41.000	J35	0.2	0.639	0.013	0.0014
720 minute summer	FC40	42.000	J36	0.2	0.783	0.010	0.0013
720 minute summer	FC41	43.000	J37	0.2	0.516	0.019	0.0020
720 minute summer	FC42	44.000	J38	0.2	0.450	0.023	0.0022
720 minute summer	FC43	45.000	J39	0.2	0.526	0.018	0.0016
720 minute summer	FC44	46.000	J40	0.2	0.541	0.018	0.0016
720 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
720 minute summer	FC46	48.000	S20	0.3	0.342	0.048	0.0050
720 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0024
720 minute summer	FC48	50.000	J42	0.2	0.284	0.014	0.0038
720 minute summer	FC49	51.000	S21	0.2	0.346	0.034	0.0025

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC50	390	184.852	0.052	0.2	0.0691	0.0000	OK
720 minute summer	FC51	390	184.902	0.052	0.2	0.0690	0.0000	OK
720 minute summer	FC52	405	185.300	0.050	0.2	0.0688	0.0000	OK
720 minute summer	FC53	390	185.300	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC54	375	185.298	0.048	0.2	0.0622	0.0000	OK
720 minute summer	FC55	375	185.298	0.048	0.2	0.0622	0.0000	OK
720 minute summer	FC56	390	185.400	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC57	390	185.400	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC58	375	185.398	0.048	0.2	0.0622	0.0000	OK
720 minute summer	FC59	375	185.398	0.048	0.2	0.0622	0.0000	OK
720 minute summer	FC60	390	185.400	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC61	390	185.350	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC62	375	185.341	0.091	0.3	0.1308	0.0000	OK
720 minute summer	FC63	375	185.450	0.049	0.2	0.0639	0.0000	OK
720 minute summer	FC64	390	185.052	0.052	0.2	0.0688	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC50	52.000	J43	0.2	0.346	0.034	0.0027
720 minute summer	FC51	55.000	S22	0.2	0.347	0.034	0.0035
720 minute summer	FC52	58.000	S23	0.2	0.502	0.020	0.0022
720 minute summer	FC53	61.000	J50	0.2	0.473	0.022	0.0018
720 minute summer	FC54	62.000	J51	0.2	0.520	0.018	0.0015
720 minute summer	FC55	64.000	J53	0.2	0.653	0.013	0.0012
720 minute summer	FC56	53.000	J44	0.2	0.677	0.013	0.0019
720 minute summer	FC57	54.000	J45	0.2	0.637	0.014	0.0020
720 minute summer	FC58	56.000	J46	0.2	0.608	0.015	0.0020
720 minute summer	FC59	57.000	J47	0.2	0.564	0.016	0.0022
720 minute summer	FC60	59.000	J48	0.2	0.563	0.017	0.0023
720 minute summer	FC61	60.000	J49	0.2	0.452	0.023	0.0033
720 minute summer	FC62	63.000	J52	0.3	0.462	0.037	0.0057
720 minute summer	FC63	65.000	S26	0.2	0.333	0.033	0.0014
720 minute summer	FC64	66.000	J54	0.2	0.266	0.034	0.0019

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC65	390	185.200	0.050	0.2	0.0667	0.0000	OK
720 minute summer	FC66	390	185.051	0.051	0.2	0.0679	0.0000	OK
720 minute summer	FC67	390	184.831	0.031	0.2	0.3227	0.0000	OK
720 minute summer	FC68	375	184.598	0.048	0.2	0.0622	0.0000	OK
720 minute summer	J1	390	188.218	0.018	0.6	0.0247	0.0000	OK
720 minute summer	J2	390	188.134	0.028	0.8	0.0312	0.0000	OK
720 minute summer	J3	390	188.076	0.030	1.1	0.0334	0.0000	OK
720 minute summer	J4	375	188.056	0.021	1.3	0.0238	0.0000	OK
720 minute summer	J5	375	187.930	0.020	1.5	0.0229	0.0000	OK
720 minute summer	J6	375	187.677	0.027	1.7	0.0306	0.0000	OK
720 minute summer	J7	375	187.638	0.038	1.9	0.0428	0.0000	OK
720 minute summer	J8	375	187.620	0.027	2.1	0.0310	0.0000	OK
720 minute summer	J9	375	187.314	0.039	2.3	0.0440	0.0000	OK
720 minute summer	J10	375	187.292	0.022	2.5	0.0251	0.0000	OK
720 minute summer	J11	375	187.153	0.032	2.7	0.0359	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC65	67.000	J55	0.2	0.329	0.011	0.0018
720 minute summer	FC66	68.000	S24	0.2	0.391	0.028	0.0011
720 minute summer	FC67	69.000	J56	0.1	0.310	0.024	0.0010
720 minute summer	FC68	70.000	J57	0.2	0.454	0.022	0.0010
720 minute summer	J1	1.001	J2	0.6	0.444	0.072	0.0069
720 minute summer	J2	1.002	J3	0.8	0.490	0.135	0.0017
720 minute summer	J3	1.003	J4	1.1	0.567	0.083	0.0038
720 minute summer	J4	1.004	J5	1.3	0.883	0.038	0.0051
720 minute summer	J5	1.005	J6	1.5	0.842	0.039	0.0101
720 minute summer	J6	1.006	J7	1.7	0.599	0.059	0.0055
720 minute summer	J7	1.007	J8	1.9	0.664	0.134	0.0032
720 minute summer	J8	1.008	J9	2.1	0.962	0.068	0.0182
720 minute summer	J9	1.009	J10	2.2	0.697	0.066	0.0040
720 minute summer	J10	1.010	J11	2.5	0.949	0.020	0.0066
720 minute summer	J11	1.011	S2	2.7	0.526	0.042	0.0284

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J12	375	186.844	0.035	3.5	0.0395	0.0000	OK
720 minute summer	J13	375	186.764	0.062	3.7	0.0697	0.0000	OK
720 minute summer	J14	375	186.755	0.060	3.9	0.0679	0.0000	OK
720 minute summer	J15	375	186.743	0.055	4.1	0.0625	0.0000	OK
720 minute summer	J16	375	186.714	0.044	4.2	0.0500	0.0000	OK
720 minute summer	J17	375	186.385	0.027	4.4	0.0310	0.0000	OK
720 minute summer	J18	375	186.230	0.036	5.1	0.0407	0.0000	OK
720 minute summer	J19	375	186.091	0.064	5.3	0.0724	0.0000	OK
720 minute summer	J20	375	185.947	0.016	0.3	0.0184	0.0000	OK
720 minute summer	J21	375	185.915	0.020	0.5	0.0229	0.0000	OK
720 minute summer	J22	375	185.843	0.025	0.7	0.0280	0.0000	OK
720 minute summer	J23	375	185.810	0.027	0.9	0.0301	0.0000	OK
720 minute summer	J24	375	185.685	0.035	1.5	0.0394	0.0000	OK
720 minute summer	J25	375	185.653	0.038	1.7	0.0428	0.0000	OK
720 minute summer	J26	375	185.627	0.040	1.9	0.0455	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J12	1.013	J13	3.5	0.565	0.053	0.0411
720 minute summer	J13	1.014	J14	3.7	0.424	0.117	0.0164
720 minute summer	J14	1.015	J15	3.9	0.482	0.124	0.0153
720 minute summer	J15	1.016	J16	4.0	0.623	0.132	0.0334
720 minute summer	J16	1.017	J17	4.2	0.824	0.070	0.0173
720 minute summer	J17	1.018	S3	4.4	0.835	0.030	0.0104
720 minute summer	J18	1.020	J19	5.1	1.410	0.039	0.0054
720 minute summer	J19	1.021	S4	5.3	0.542	0.096	0.0432
720 minute summer	J20	23.002	J21	0.3	0.341	0.057	0.0037
720 minute summer	J21	23.003	J22	0.5	0.404	0.090	0.0106
720 minute summer	J22	23.004	J23	0.7	0.459	0.122	0.0057
720 minute summer	J23	23.005	S18	0.9	0.531	0.147	0.0123
720 minute summer	J24	23.007	J25	1.5	0.444	0.110	0.0203
720 minute summer	J25	23.008	J26	1.7	0.455	0.125	0.0181
720 minute summer	J26	23.009	S19	1.9	0.511	0.139	0.0134

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J27	375	185.507	0.046	2.4	0.0515	0.0000	OK
720 minute summer	J28	375	186.379	0.023	0.7	0.0262	0.0000	OK
720 minute summer	J29	375	186.298	0.027	0.9	0.0308	0.0000	OK
720 minute summer	J30	375	186.180	0.033	1.3	0.0374	0.0000	OK
720 minute summer	J31	375	186.154	0.034	1.5	0.0390	0.0000	OK
720 minute summer	J32	375	186.101	0.037	1.7	0.0420	0.0000	OK
720 minute summer	J33	375	185.636	0.026	2.3	0.0291	0.0000	OK
720 minute summer	J34	375	185.168	0.043	2.8	0.0482	0.0000	OK
720 minute summer	J35	375	185.103	0.028	3.0	0.0319	0.0000	OK
720 minute summer	J36	375	184.921	0.046	3.2	0.0523	0.0000	OK
720 minute summer	J37	375	184.626	0.051	3.7	0.0580	0.0000	OK
720 minute summer	J38	375	184.433	0.058	4.1	0.0657	0.0000	OK
720 minute summer	J39	375	184.397	0.059	4.3	0.0665	0.0000	OK
720 minute summer	J40	375	184.376	0.051	4.5	0.0576	0.0000	OK
720 minute summer	J41	375	184.614	0.017	0.4	0.0194	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J27	23.011	S4	2.4	0.469	0.082	0.0125
720 minute summer	J28	32.001	J29	0.7	0.449	0.117	0.0137
720 minute summer	J29	32.002	S12	0.9	0.530	0.150	0.0078
720 minute summer	J30	32.004	J31	1.3	0.434	0.097	0.0147
720 minute summer	J31	32.005	J32	1.5	0.460	0.112	0.0314
720 minute summer	J32	32.006	S13	1.7	0.629	0.126	0.0143
720 minute summer	J33	32.008	S14	2.3	0.759	0.064	0.0275
720 minute summer	J34	32.010	J35	2.8	0.701	0.072	0.0364
720 minute summer	J35	32.011	J36	3.0	0.697	0.034	0.0299
720 minute summer	J36	32.012	S15	3.2	0.720	0.106	0.0106
720 minute summer	J37	32.014	S16	3.7	0.826	0.121	0.0239
720 minute summer	J38	32.016	J39	4.1	0.499	0.135	0.0883
720 minute summer	J39	32.017	J40	4.3	0.572	0.139	0.0273
720 minute summer	J40	32.018	S10	4.5	0.687	0.104	0.0623
720 minute summer	J41	48.002	J42	0.4	0.364	0.064	0.0065

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J42	375	184.558	0.021	0.6	0.0239	0.0000	OK
720 minute summer	J43	375	184.392	0.032	1.1	0.0357	0.0000	OK
720 minute summer	J44	375	184.381	0.031	1.3	0.0353	0.0000	OK
720 minute summer	J45	375	184.338	0.038	1.5	0.0431	0.0000	OK
720 minute summer	J46	375	184.315	0.043	2.1	0.0488	0.0000	OK
720 minute summer	J47	375	184.293	0.045	2.3	0.0511	0.0000	OK
720 minute summer	J48	375	184.202	0.048	2.8	0.0547	0.0000	OK
720 minute summer	J49	375	184.186	0.057	2.9	0.0645	0.0000	OK
720 minute summer	J50	375	184.180	0.055	3.1	0.0619	0.0000	OK
720 minute summer	J51	375	184.168	0.060	3.3	0.0678	0.0000	OK
720 minute summer	J52	375	184.161	0.057	3.6	0.0642	0.0000	OK
720 minute summer	J53	375	184.143	0.056	3.8	0.0631	0.0000	OK
720 minute summer	J54	375	184.999	0.020	0.5	0.0228	0.0000	OK
720 minute summer	J55	375	184.968	0.024	0.7	0.0267	0.0000	OK
720 minute summer	J56	375	184.035	0.068	5.4	0.0769	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J42	48.003	S21	0.6	0.399	0.098	0.0119
720 minute summer	J43	48.005	J44	1.1	0.402	0.077	0.0043
720 minute summer	J44	48.006	J45	1.3	0.415	0.095	0.0270
720 minute summer	J45	48.007	S22	1.5	0.396	0.108	0.0091
720 minute summer	J46	48.009	J47	2.1	0.476	0.154	0.0182
720 minute summer	J47	48.010	S23	2.3	0.534	0.169	0.0111
720 minute summer	J48	48.012	J49	2.7	0.389	0.092	0.0527
720 minute summer	J49	48.013	J50	2.9	0.384	0.096	0.0087
720 minute summer	J50	48.014	J51	3.1	0.395	0.105	0.0403
720 minute summer	J51	48.015	J52	3.3	0.409	0.109	0.0093
720 minute summer	J52	48.016	J53	3.6	0.467	0.119	0.0377
720 minute summer	J53	48.017	S24	3.8	0.538	0.126	0.0725
720 minute summer	J54	65.002	J55	0.5	0.388	0.083	0.0046
720 minute summer	J55	65.003	S24	0.7	0.497	0.117	0.0109
720 minute summer	J56	48.019	J57	5.4	0.450	0.100	0.1097

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Results for 2 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J57	375	184.014	0.069	5.6	0.0780	0.0000	OK
720 minute summer	BASIN 1	495	185.438	0.438	7.9	51.7962	0.0000	SURCHARGED
720 minute summer	BASIN 2	960	184.585	0.285	0.9	26.6466	0.0000	OK
720 minute summer	BASIN 3	630	183.156	0.056	5.0	39.0689	0.0000	OK
720 minute summer	BASIN 4	540	183.626	0.296	5.6	39.1055	0.0000	OK
720 minute summer	SWALE 1	495	184.959	0.027	0.9	0.0309	0.0000	OK
720 minute summer	SWALE 2	15	184.450	0.000	0.0	0.0000	0.0000	OK
720 minute summer	SWALE 3	375	184.125	0.055	5.0	0.0619	0.0000	OK
720 minute summer	BH1	960	184.585	0.508	0.6	2.2750	0.0000	OK
720 minute summer	BH2	630	183.156	0.104	1.3	2.1238	0.0000	OK
720 minute summer	BH3	540	183.626	0.320	1.1	3.1002	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J57	48.020	S25	5.6	0.477	0.104	0.0932
720 minute summer	BASIN 1	1.023	S5	0.9	0.093	0.017	0.6013
720 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
720 minute summer	BASIN 2	71.000	BH1	0.6	0.382	0.099	0.1829
720 minute summer	BASIN 3	1.034	BH2	1.3	0.265	0.015	0.4762
720 minute summer	BASIN 4	48.022	BH3	1.1	0.317	0.020	0.7173
720 minute summer	SWALE 1	1.025	S6	0.9	0.288	0.017	0.1212
720 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
720 minute summer	SWALE 3	1.033	BASIN 3	5.0	0.581	0.071	0.3685
720 minute summer	BH1	Infiltration		0.1			
720 minute summer	BH2	Infiltration		0.2			
720 minute summer	BH3	Infiltration		0.2			

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S1	360	188.381	0.011	0.2	0.0142	0.0000	OK
720 minute winter	S2	390	187.081	0.042	2.1	0.0619	0.0000	OK
720 minute winter	S3	390	186.259	0.046	3.0	0.0604	0.0000	OK
720 minute winter	S4	540	185.504	0.126	4.9	0.1494	0.0000	OK
720 minute winter	S5	540	185.504	0.524	1.0	0.5924	0.0000	SURCHARGED
720 minute winter	S6	540	184.873	0.029	1.0	0.0326	0.0000	OK
720 minute winter	S7	15	184.779	0.000	0.0	0.0000	0.0000	OK
720 minute winter	S8	15	184.390	0.000	0.0	0.0000	0.0000	OK
720 minute winter	S9	375	184.212	0.012	0.0	0.0137	0.0000	OK
720 minute winter	S10	375	184.212	0.028	3.3	0.0429	0.0000	OK
720 minute winter	S11	360	186.418	0.018	0.4	0.0292	0.0000	OK
720 minute winter	S12	360	186.200	0.024	0.7	0.0271	0.0000	OK
720 minute winter	S13	375	186.056	0.022	1.4	0.0307	0.0000	OK
720 minute winter	S14	375	185.285	0.035	1.9	0.0553	0.0000	OK
720 minute winter	S15	375	184.892	0.025	2.4	0.0349	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	S1	1.000	J1	0.2	0.314	0.023	0.0053
720 minute winter	S2	1.012	J12	2.1	0.453	0.070	0.0069
720 minute winter	S3	1.019	J18	3.0	0.710	0.098	0.0221
720 minute winter	S4	1.022	BASIN 1	4.9	0.807	0.029	0.8230
720 minute winter	S5	1.024	SWALE 1	1.0	0.296	0.019	0.0682
720 minute winter	S6	1.026	BASIN 2	1.0	0.342	0.018	0.0168
720 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
720 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0056
720 minute winter	S9	1.031	S10	0.0	-0.007	0.000	0.0141
720 minute winter	S10	1.032	SWALE 3	3.3	0.678	0.018	0.0215
720 minute winter	S11	32.000	J28	0.4	0.394	0.067	0.0046
720 minute winter	S12	32.003	J30	0.7	0.366	0.052	0.0097
720 minute winter	S13	32.007	J33	1.4	0.896	0.043	0.0203
720 minute winter	S14	32.009	J34	1.9	0.626	0.110	0.0159
720 minute winter	S15	32.013	J37	2.4	0.641	0.026	0.0356

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S16	375	184.578	0.021	2.6	0.0263	0.0000	OK
720 minute winter	S17	495	186.009	0.009	0.1	0.0103	0.0000	OK
720 minute winter	S18	405	185.688	0.027	0.8	0.0382	0.0000	OK
720 minute winter	S19	390	185.526	0.035	1.5	0.0477	0.0000	OK
720 minute winter	S20	420	184.658	0.016	0.3	0.0191	0.0000	OK
720 minute winter	S21	405	184.481	0.022	0.6	0.0263	0.0000	OK
720 minute winter	S22	405	184.318	0.032	1.1	0.0388	0.0000	OK
720 minute winter	S23	405	184.198	0.040	1.6	0.0468	0.0000	OK
720 minute winter	S24	390	184.032	0.055	3.3	0.0793	0.0000	OK
720 minute winter	S25	390	183.978	0.052	3.5	0.0585	0.0000	OK
720 minute winter	S26	345	185.388	0.011	0.2	0.0128	0.0000	OK
720 minute winter	FC1	495	188.272	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC2	285	188.172	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC3	435	188.252	0.051	0.2	0.0747	0.0000	OK
720 minute winter	FC4	375	188.222	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	S16	32.015	J38	2.6	0.698	0.018	0.0090
720 minute winter	S17	23.001	J20	0.1	0.227	0.017	0.0033
720 minute winter	S18	23.006	J24	0.8	0.371	0.058	0.0039
720 minute winter	S19	23.010	J27	1.5	0.371	0.050	0.0360
720 minute winter	S20	48.001	J41	0.3	0.391	0.050	0.0035
720 minute winter	S21	48.004	J43	0.6	0.476	0.101	0.0064
720 minute winter	S22	48.008	J46	1.1	0.403	0.082	0.0066
720 minute winter	S23	48.011	J48	1.6	0.357	0.052	0.0050
720 minute winter	S24	48.018	J56	3.3	0.386	0.062	0.0363
720 minute winter	S25	48.021	BASIN 4	3.5	0.487	0.063	0.0230
720 minute winter	S26	65.001	J54	0.2	0.456	0.023	0.0037
720 minute winter	FC1	2.000	J1	0.1	0.216	0.016	0.0028
720 minute winter	FC2	3.000	J2	0.1	0.149	0.017	0.0040
720 minute winter	FC3	4.000	J3	0.2	0.366	0.031	0.0051
720 minute winter	FC4	5.000	J4	0.1	0.335	0.013	0.0022

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC5	495	188.022	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC6	375	187.872	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC7	405	187.772	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC8	390	187.772	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC9	375	187.492	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC10	435	187.521	0.051	0.2	0.0724	0.0000	OK
720 minute winter	FC11	360	187.342	0.022	0.1	0.0288	0.0000	OK
720 minute winter	FC12	360	187.252	0.022	0.1	0.0288	0.0000	OK
720 minute winter	FC13	375	187.022	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC14	480	186.922	0.022	0.1	0.2814	0.0000	OK
720 minute winter	FC15	300	187.222	0.022	0.1	0.0283	0.0000	OK
720 minute winter	FC16	390	186.922	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC17	420	187.022	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC18	390	186.572	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC19	495	186.422	0.022	0.1	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC5	6.000	J5	0.1	0.282	0.017	0.0015
720 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020
720 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023
720 minute winter	FC8	9.000	J8	0.1	0.396	0.010	0.0011
720 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025
720 minute winter	FC10	11.000	J10	0.2	0.376	0.030	0.0033
720 minute winter	FC11	12.000	J11	0.1	0.283	0.017	0.0027
720 minute winter	FC12	13.000	S2	0.1	0.283	0.017	0.0024
720 minute winter	FC13	14.000	J12	0.1	0.284	0.017	0.0024
720 minute winter	FC14	15.000	J13	0.1	0.284	0.017	0.0027
720 minute winter	FC15	16.000	J14	0.1	0.592	0.006	0.0008
720 minute winter	FC16	17.000	J15	0.1	0.301	0.015	0.0025
720 minute winter	FC17	18.000	J16	0.1	0.473	0.008	0.0010
720 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025
720 minute winter	FC19	20.000	S3	0.1	0.282	0.017	0.0023

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC20	300	186.972	0.022	0.1	0.0292	0.0000	OK
720 minute winter	FC21	390	186.322	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC22	495	186.472	0.022	0.1	0.2126	0.0000	OK
720 minute winter	FC23	255	186.322	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC24	435	186.322	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC25	285	186.572	0.022	0.1	0.0292	0.0000	OK
720 minute winter	FC26	495	186.472	0.022	0.1	0.2224	0.0000	OK
720 minute winter	FC27	300	186.522	0.022	0.1	0.0283	0.0000	OK
720 minute winter	FC28	300	186.522	0.022	0.1	0.0292	0.0000	OK
720 minute winter	FC29	390	186.550	0.050	0.2	0.0677	0.0000	OK
720 minute winter	FC30	390	186.772	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC31	420	186.472	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC32	435	186.472	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC33	270	186.472	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC34	390	186.472	0.022	0.1	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC20	21.000	J18	0.1	0.560	0.006	0.0008
720 minute winter	FC21	22.000	J19	0.1	0.283	0.017	0.0027
720 minute winter	FC22	23.000	S17	0.1	0.402	0.005	0.0012
720 minute winter	FC23	24.000	J20	0.1	0.295	0.016	0.0016
720 minute winter	FC24	25.000	J21	0.1	0.330	0.013	0.0014
720 minute winter	FC25	26.000	J22	0.1	0.555	0.006	0.0009
720 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009
720 minute winter	FC27	28.000	J24	0.1	0.611	0.005	0.0007
720 minute winter	FC28	29.000	J25	0.1	0.559	0.006	0.0008
720 minute winter	FC29	30.000	J26	0.2	0.672	0.013	0.0014
720 minute winter	FC30	31.000	J27	0.1	0.522	0.007	0.0008
720 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0029
720 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0031
720 minute winter	FC33	35.000	S12	0.1	0.514	0.007	0.0008
720 minute winter	FC34	36.000	J30	0.1	0.291	0.016	0.0016

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC35	330	186.472	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC36	390	186.500	0.050	0.2	0.0677	0.0000	OK
720 minute winter	FC37	420	185.850	0.050	0.2	0.0698	0.0000	OK
720 minute winter	FC38	465	185.472	0.022	0.1	0.2647	0.0000	OK
720 minute winter	FC39	315	185.472	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC40	285	185.522	0.022	0.1	0.0291	0.0000	OK
720 minute winter	FC41	480	184.872	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC42	480	184.622	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC43	315	184.622	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC44	255	184.607	0.007	0.1	0.0089	0.0000	OK
720 minute winter	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
720 minute winter	FC46	435	184.752	0.052	0.2	0.0731	0.0000	OK
720 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute winter	FC48	405	184.822	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC49	360	184.822	0.022	0.1	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC35	37.000	J31	0.1	0.516	0.007	0.0010
720 minute winter	FC36	38.000	J32	0.2	0.685	0.013	0.0015
720 minute winter	FC37	39.000	J33	0.2	0.459	0.023	0.0029
720 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010
720 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009
720 minute winter	FC40	42.000	J36	0.1	0.634	0.005	0.0008
720 minute winter	FC41	43.000	J37	0.1	0.418	0.010	0.0012
720 minute winter	FC42	44.000	J38	0.1	0.365	0.012	0.0014
720 minute winter	FC43	45.000	J39	0.1	0.426	0.009	0.0010
720 minute winter	FC44	46.000	J40	0.1	0.438	0.009	0.0010
720 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
720 minute winter	FC46	48.000	S20	0.2	0.311	0.034	0.0040
720 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0020
720 minute winter	FC48	50.000	J42	0.1	0.272	0.007	0.0028
720 minute winter	FC49	51.000	S21	0.1	0.282	0.017	0.0015

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC50	495	184.822	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC51	495	184.872	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC52	405	185.300	0.050	0.2	0.0688	0.0000	OK
720 minute winter	FC53	375	185.272	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC54	345	185.272	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC55	330	185.272	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC56	285	185.372	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC57	435	185.372	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC58	435	185.372	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC59	495	185.372	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC60	405	185.372	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC61	270	185.322	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC62	435	185.301	0.050	0.2	0.0722	0.0000	OK
720 minute winter	FC63	300	185.422	0.022	0.1	0.0284	0.0000	OK
720 minute winter	FC64	495	185.022	0.022	0.1	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC50	52.000	J43	0.1	0.282	0.017	0.0017
720 minute winter	FC51	55.000	S22	0.1	0.283	0.017	0.0022
720 minute winter	FC52	58.000	S23	0.2	0.502	0.020	0.0022
720 minute winter	FC53	61.000	J50	0.1	0.384	0.011	0.0011
720 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009
720 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008
720 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012
720 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013
720 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013
720 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014
720 minute winter	FC60	59.000	J48	0.1	0.455	0.008	0.0015
720 minute winter	FC61	60.000	J49	0.1	0.366	0.012	0.0020
720 minute winter	FC62	63.000	J52	0.2	0.416	0.026	0.0045
720 minute winter	FC63	65.000	S26	0.1	0.312	0.017	0.0010
720 minute winter	FC64	66.000	J54	0.1	0.266	0.017	0.0012

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC65	285	185.172	0.022	0.1	0.0291	0.0000	OK
720 minute winter	FC66	390	185.022	0.022	0.1	0.0293	0.0000	OK
720 minute winter	FC67	480	184.822	0.022	0.1	0.2271	0.0000	OK
720 minute winter	FC68	420	184.572	0.022	0.1	0.0284	0.0000	OK
720 minute winter	J1	360	188.217	0.017	0.5	0.0226	0.0000	OK
720 minute winter	J2	360	188.130	0.024	0.6	0.0268	0.0000	OK
720 minute winter	J3	390	188.071	0.025	0.8	0.0287	0.0000	OK
720 minute winter	J4	390	188.053	0.018	0.9	0.0200	0.0000	OK
720 minute winter	J5	390	187.927	0.017	1.0	0.0190	0.0000	OK
720 minute winter	J6	390	187.671	0.021	1.1	0.0241	0.0000	OK
720 minute winter	J7	390	187.630	0.030	1.2	0.0342	0.0000	OK
720 minute winter	J8	390	187.615	0.022	1.3	0.0246	0.0000	OK
720 minute winter	J9	375	187.306	0.031	1.4	0.0347	0.0000	OK
720 minute winter	J10	390	187.288	0.018	1.6	0.0200	0.0000	OK
720 minute winter	J11	390	187.146	0.025	1.7	0.0285	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC65	67.000	J55	0.1	0.329	0.005	0.0012
720 minute winter	FC66	68.000	S24	0.1	0.320	0.014	0.0007
720 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008
720 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006
720 minute winter	J1	1.001	J2	0.5	0.444	0.060	0.0057
720 minute winter	J2	1.002	J3	0.6	0.454	0.101	0.0014
720 minute winter	J3	1.003	J4	0.8	0.517	0.060	0.0030
720 minute winter	J4	1.004	J5	0.9	0.806	0.027	0.0039
720 minute winter	J5	1.005	J6	1.0	0.772	0.026	0.0074
720 minute winter	J6	1.006	J7	1.1	0.547	0.039	0.0040
720 minute winter	J7	1.007	J8	1.2	0.590	0.086	0.0023
720 minute winter	J8	1.008	J9	1.3	0.842	0.043	0.0131
720 minute winter	J9	1.009	J10	1.4	0.622	0.042	0.0028
720 minute winter	J10	1.010	J11	1.6	0.839	0.012	0.0047
720 minute winter	J11	1.011	S2	1.7	0.459	0.026	0.0202

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J12	390	186.837	0.028	2.2	0.0315	0.0000	OK
720 minute winter	J13	390	186.750	0.048	2.3	0.0538	0.0000	OK
720 minute winter	J14	390	186.742	0.047	2.4	0.0529	0.0000	OK
720 minute winter	J15	390	186.731	0.043	2.5	0.0491	0.0000	OK
720 minute winter	J16	390	186.704	0.034	2.6	0.0387	0.0000	OK
720 minute winter	J17	390	186.379	0.021	2.7	0.0241	0.0000	OK
720 minute winter	J18	390	186.221	0.027	3.1	0.0309	0.0000	OK
720 minute winter	J19	390	186.077	0.050	3.2	0.0562	0.0000	OK
720 minute winter	J20	495	185.944	0.013	0.2	0.0143	0.0000	OK
720 minute winter	J21	495	185.910	0.015	0.3	0.0173	0.0000	OK
720 minute winter	J22	495	185.836	0.018	0.4	0.0204	0.0000	OK
720 minute winter	J23	495	185.803	0.020	0.5	0.0227	0.0000	OK
720 minute winter	J24	390	185.677	0.027	0.9	0.0307	0.0000	OK
720 minute winter	J25	420	185.644	0.029	1.0	0.0327	0.0000	OK
720 minute winter	J26	390	185.619	0.032	1.2	0.0362	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J12	1.013	J13	2.2	0.503	0.033	0.0288
720 minute winter	J13	1.014	J14	2.3	0.382	0.073	0.0114
720 minute winter	J14	1.015	J15	2.4	0.425	0.077	0.0108
720 minute winter	J15	1.016	J16	2.5	0.549	0.082	0.0234
720 minute winter	J16	1.017	J17	2.6	0.723	0.043	0.0121
720 minute winter	J17	1.018	S3	2.7	0.722	0.019	0.0073
720 minute winter	J18	1.020	J19	3.1	1.247	0.024	0.0037
720 minute winter	J19	1.021	S4	3.2	0.473	0.058	0.0299
720 minute winter	J20	23.002	J21	0.2	0.302	0.034	0.0025
720 minute winter	J21	23.003	J22	0.3	0.350	0.051	0.0069
720 minute winter	J22	23.004	J23	0.4	0.385	0.067	0.0037
720 minute winter	J23	23.005	S18	0.5	0.455	0.085	0.0083
720 minute winter	J24	23.007	J25	0.9	0.398	0.068	0.0140
720 minute winter	J25	23.008	J26	1.0	0.404	0.075	0.0127
720 minute winter	J26	23.009	S19	1.2	0.454	0.090	0.0098

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J27	540	185.504	0.043	1.6	0.0485	0.0000	OK
720 minute winter	J28	360	186.376	0.020	0.5	0.0222	0.0000	OK
720 minute winter	J29	390	186.293	0.022	0.6	0.0251	0.0000	OK
720 minute winter	J30	390	186.173	0.026	0.8	0.0293	0.0000	OK
720 minute winter	J31	360	186.145	0.026	0.9	0.0299	0.0000	OK
720 minute winter	J32	390	186.094	0.030	1.1	0.0341	0.0000	OK
720 minute winter	J33	375	185.632	0.022	1.6	0.0246	0.0000	OK
720 minute winter	J34	375	185.161	0.036	2.0	0.0411	0.0000	OK
720 minute winter	J35	375	185.099	0.024	2.1	0.0270	0.0000	OK
720 minute winter	J36	375	184.914	0.039	2.2	0.0439	0.0000	OK
720 minute winter	J37	375	184.618	0.043	2.5	0.0484	0.0000	OK
720 minute winter	J38	375	184.422	0.047	2.7	0.0528	0.0000	OK
720 minute winter	J39	375	184.385	0.047	2.8	0.0534	0.0000	OK
720 minute winter	J40	375	184.366	0.041	2.9	0.0461	0.0000	OK
720 minute winter	J41	435	184.612	0.015	0.3	0.0173	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J27	23.011	S4	1.6	0.422	0.054	0.0143
720 minute winter	J28	32.001	J29	0.5	0.421	0.084	0.0105
720 minute winter	J29	32.002	S12	0.6	0.476	0.101	0.0059
720 minute winter	J30	32.004	J31	0.8	0.390	0.060	0.0102
720 minute winter	J31	32.005	J32	0.9	0.393	0.068	0.0224
720 minute winter	J32	32.006	S13	1.1	0.556	0.083	0.0108
720 minute winter	J33	32.008	S14	1.6	0.689	0.045	0.0214
720 minute winter	J34	32.010	J35	2.0	0.636	0.052	0.0287
720 minute winter	J35	32.011	J36	2.1	0.628	0.024	0.0233
720 minute winter	J36	32.012	S15	2.2	0.641	0.073	0.0082
720 minute winter	J37	32.014	S16	2.5	0.732	0.082	0.0183
720 minute winter	J38	32.016	J39	2.7	0.450	0.089	0.0648
720 minute winter	J39	32.017	J40	2.8	0.513	0.091	0.0200
720 minute winter	J40	32.018	S10	2.9	0.608	0.067	0.0456
720 minute winter	J41	48.002	J42	0.3	0.356	0.051	0.0052

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J42	435	184.555	0.018	0.4	0.0200	0.0000	OK
720 minute winter	J43	405	184.385	0.025	0.7	0.0284	0.0000	OK
720 minute winter	J44	405	184.375	0.025	0.8	0.0281	0.0000	OK
720 minute winter	J45	405	184.329	0.029	0.9	0.0324	0.0000	OK
720 minute winter	J46	405	184.304	0.032	1.2	0.0363	0.0000	OK
720 minute winter	J47	390	184.282	0.034	1.3	0.0382	0.0000	OK
720 minute winter	J48	405	184.191	0.037	1.7	0.0420	0.0000	OK
720 minute winter	J49	405	184.172	0.043	1.8	0.0487	0.0000	OK
720 minute winter	J50	405	184.166	0.041	1.9	0.0465	0.0000	OK
720 minute winter	J51	405	184.154	0.046	2.0	0.0516	0.0000	OK
720 minute winter	J52	405	184.148	0.044	2.2	0.0492	0.0000	OK
720 minute winter	J53	405	184.130	0.043	2.3	0.0489	0.0000	OK
720 minute winter	J54	345	184.995	0.016	0.3	0.0176	0.0000	OK
720 minute winter	J55	405	184.962	0.018	0.4	0.0203	0.0000	OK
720 minute winter	J56	390	184.020	0.053	3.4	0.0600	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J42	48.003	S21	0.4	0.389	0.068	0.0091
720 minute winter	J43	48.005	J44	0.7	0.365	0.050	0.0031
720 minute winter	J44	48.006	J45	0.8	0.378	0.060	0.0186
720 minute winter	J45	48.007	S22	0.9	0.357	0.066	0.0060
720 minute winter	J46	48.009	J47	1.2	0.420	0.090	0.0121
720 minute winter	J47	48.010	S23	1.3	0.460	0.098	0.0075
720 minute winter	J48	48.012	J49	1.7	0.356	0.057	0.0356
720 minute winter	J49	48.013	J50	1.8	0.352	0.059	0.0058
720 minute winter	J50	48.014	J51	1.9	0.356	0.064	0.0271
720 minute winter	J51	48.015	J52	2.0	0.360	0.065	0.0063
720 minute winter	J52	48.016	J53	2.2	0.411	0.072	0.0261
720 minute winter	J53	48.017	S24	2.3	0.469	0.076	0.0503
720 minute winter	J54	65.002	J55	0.3	0.347	0.051	0.0031
720 minute winter	J55	65.003	S24	0.4	0.425	0.068	0.0074
720 minute winter	J56	48.019	J57	3.4	0.400	0.063	0.0772

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Results for 2 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J57	390	183.999	0.054	3.5	0.0611	0.0000	OK
720 minute winter	BASIN 1	540	185.504	0.504	4.9	60.4793	0.0000	SURCHARGED
720 minute winter	BASIN 2	960	184.629	0.329	1.0	31.1411	0.0000	OK
720 minute winter	BASIN 3	690	183.167	0.067	3.5	46.8043	0.0000	OK
720 minute winter	BASIN 4	585	183.674	0.344	3.5	45.8914	0.0000	SURCHARGED
720 minute winter	SWALE 1	540	184.960	0.028	1.0	0.0319	0.0000	OK
720 minute winter	SWALE 2	15	184.450	0.000	0.0	0.0000	0.0000	OK
720 minute winter	SWALE 3	375	184.115	0.045	3.3	0.0507	0.0000	OK
720 minute winter	BH1	960	184.629	0.552	0.5	2.4020	0.0000	OK
720 minute winter	BH2	690	183.167	0.115	0.9	2.1788	0.0000	OK
720 minute winter	BH3	585	183.674	0.368	1.8	3.3245	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J57	48.020	S25	3.5	0.420	0.065	0.0660
720 minute winter	BASIN 1	1.023	S5	1.0	0.089	0.019	0.6013
720 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
720 minute winter	BASIN 2	71.000	BH1	0.5	0.336	0.083	0.1829
720 minute winter	BASIN 3	1.034	BH2	0.9	0.254	0.010	0.5685
720 minute winter	BASIN 4	48.022	BH3	1.8	0.351	0.033	0.7181
720 minute winter	SWALE 1	1.025	S6	1.0	0.294	0.019	0.1274
720 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
720 minute winter	SWALE 3	1.033	BASIN 3	3.3	0.521	0.048	0.2733
720 minute winter	BH1	Infiltration		0.1			
720 minute winter	BH2	Infiltration		0.2			
720 minute winter	BH3	Infiltration		0.2			

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S1	480	188.381	0.011	0.2	0.0142	0.0000	OK
960 minute summer	S2	495	187.086	0.047	2.5	0.0685	0.0000	OK
960 minute summer	S3	495	186.263	0.051	3.7	0.0663	0.0000	OK
960 minute summer	S4	630	185.432	0.054	6.1	0.0643	0.0000	OK
960 minute summer	S5	630	185.432	0.452	0.9	0.5114	0.0000	SURCHARGED
960 minute summer	S6	645	184.872	0.028	0.9	0.0314	0.0000	OK
960 minute summer	S7	15	184.779	0.000	0.0	0.0000	0.0000	OK
960 minute summer	S8	15	184.390	0.000	0.0	0.0000	0.0000	OK
960 minute summer	S9	495	184.215	0.015	0.0	0.0173	0.0000	OK
960 minute summer	S10	495	184.215	0.031	4.0	0.0477	0.0000	OK
960 minute summer	S11	480	186.418	0.018	0.4	0.0292	0.0000	OK
960 minute summer	S12	495	186.201	0.025	0.8	0.0287	0.0000	OK
960 minute summer	S13	495	186.058	0.024	1.7	0.0337	0.0000	OK
960 minute summer	S14	495	185.289	0.039	2.3	0.0608	0.0000	OK
960 minute summer	S15	495	184.894	0.027	2.9	0.0379	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	S1	1.000	J1	0.2	0.312	0.023	0.0058
960 minute summer	S2	1.012	J12	2.5	0.474	0.085	0.0080
960 minute summer	S3	1.019	J18	3.7	0.745	0.119	0.0256
960 minute summer	S4	1.022	BASIN 1	6.1	0.807	0.036	0.6610
960 minute summer	S5	1.024	SWALE 1	0.9	0.289	0.017	0.0645
960 minute summer	S6	1.026	BASIN 2	0.9	0.335	0.017	0.0158
960 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
960 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0080
960 minute summer	S9	1.031	S10	0.0	-0.008	0.000	0.0174
960 minute summer	S10	1.032	SWALE 3	4.0	0.716	0.022	0.0249
960 minute summer	S11	32.000	J28	0.4	0.394	0.067	0.0046
960 minute summer	S12	32.003	J30	0.8	0.368	0.059	0.0110
960 minute summer	S13	32.007	J33	1.7	0.951	0.052	0.0229
960 minute summer	S14	32.009	J34	2.3	0.657	0.131	0.0181
960 minute summer	S15	32.013	J37	2.9	0.671	0.031	0.0406

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S16	495	184.580	0.023	3.2	0.0289	0.0000	OK
960 minute summer	S17	585	186.009	0.009	0.1	0.0103	0.0000	OK
960 minute summer	S18	495	185.691	0.030	1.0	0.0424	0.0000	OK
960 minute summer	S19	495	185.529	0.038	1.8	0.0519	0.0000	OK
960 minute summer	S20	525	184.658	0.016	0.3	0.0191	0.0000	OK
960 minute summer	S21	495	184.485	0.026	0.8	0.0302	0.0000	OK
960 minute summer	S22	495	184.326	0.040	1.7	0.0484	0.0000	OK
960 minute summer	S23	495	184.205	0.047	2.1	0.0552	0.0000	OK
960 minute summer	S24	495	184.040	0.063	4.4	0.0919	0.0000	OK
960 minute summer	S25	495	183.985	0.059	4.6	0.0668	0.0000	OK
960 minute summer	S26	495	185.388	0.011	0.2	0.0128	0.0000	OK
960 minute summer	FC1	495	188.299	0.049	0.2	0.0649	0.0000	OK
960 minute summer	FC2	495	188.199	0.049	0.2	0.0652	0.0000	OK
960 minute summer	FC3	495	188.292	0.092	0.3	0.1340	0.0000	OK
960 minute summer	FC4	450	188.222	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	S16	32.015	J38	3.2	0.726	0.021	0.0105
960 minute summer	S17	23.001	J20	0.1	0.227	0.017	0.0033
960 minute summer	S18	23.006	J24	1.0	0.396	0.072	0.0045
960 minute summer	S19	23.010	J27	1.8	0.383	0.059	0.0411
960 minute summer	S20	48.001	J41	0.3	0.391	0.050	0.0035
960 minute summer	S21	48.004	J43	0.8	0.512	0.133	0.0078
960 minute summer	S22	48.008	J46	1.7	0.448	0.123	0.0090
960 minute summer	S23	48.011	J48	2.1	0.376	0.070	0.0064
960 minute summer	S24	48.018	J56	4.4	0.415	0.082	0.0448
960 minute summer	S25	48.021	BASIN 4	4.6	0.521	0.083	0.0280
960 minute summer	S26	65.001	J54	0.2	0.456	0.023	0.0037
960 minute summer	FC1	2.000	J1	0.2	0.260	0.031	0.0036
960 minute summer	FC2	3.000	J2	0.2	0.176	0.032	0.0052
960 minute summer	FC3	4.000	J3	0.3	0.405	0.044	0.0065
960 minute summer	FC4	5.000	J4	0.1	0.335	0.013	0.0022

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC5	495	188.049	0.049	0.2	0.0655	0.0000	OK
960 minute summer	FC6	435	187.872	0.022	0.1	0.0284	0.0000	OK
960 minute summer	FC7	525	187.772	0.022	0.1	0.0284	0.0000	OK
960 minute summer	FC8	495	187.798	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC9	480	187.492	0.022	0.1	0.0284	0.0000	OK
960 minute summer	FC10	525	187.521	0.051	0.2	0.0724	0.0000	OK
960 minute summer	FC11	465	187.342	0.022	0.1	0.0288	0.0000	OK
960 minute summer	FC12	600	187.252	0.022	0.1	0.0288	0.0000	OK
960 minute summer	FC13	495	187.049	0.049	0.2	0.0653	0.0000	OK
960 minute summer	FC14	510	186.930	0.030	0.2	0.3867	0.0000	OK
960 minute summer	FC15	450	187.222	0.022	0.1	0.0283	0.0000	OK
960 minute summer	FC16	420	186.922	0.022	0.1	0.0284	0.0000	OK
960 minute summer	FC17	405	187.022	0.022	0.1	0.0284	0.0000	OK
960 minute summer	FC18	405	186.572	0.022	0.1	0.0284	0.0000	OK
960 minute summer	FC19	495	186.449	0.049	0.2	0.0654	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC5	6.000	J5	0.2	0.342	0.033	0.0023
960 minute summer	FC6	7.000	J6	0.1	0.367	0.012	0.0020
960 minute summer	FC7	8.000	J7	0.1	0.321	0.014	0.0023
960 minute summer	FC8	9.000	J8	0.2	0.483	0.020	0.0017
960 minute summer	FC9	10.000	J9	0.1	0.284	0.017	0.0025
960 minute summer	FC10	11.000	J10	0.2	0.376	0.030	0.0033
960 minute summer	FC11	12.000	J11	0.1	0.283	0.017	0.0027
960 minute summer	FC12	13.000	S2	0.1	0.283	0.017	0.0024
960 minute summer	FC13	14.000	J12	0.2	0.344	0.032	0.0038
960 minute summer	FC14	15.000	J13	0.1	0.314	0.024	0.0034
960 minute summer	FC15	16.000	J14	0.1	0.592	0.006	0.0008
960 minute summer	FC16	17.000	J15	0.1	0.301	0.015	0.0025
960 minute summer	FC17	18.000	J16	0.1	0.473	0.008	0.0010
960 minute summer	FC18	19.000	J17	0.1	0.283	0.017	0.0025
960 minute summer	FC19	20.000	S3	0.2	0.343	0.033	0.0037

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC20	495	186.998	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC21	495	186.349	0.049	0.2	0.0654	0.0000	OK
960 minute summer	FC22	585	186.472	0.022	0.1	0.2126	0.0000	OK
960 minute summer	FC23	405	186.322	0.022	0.1	0.0284	0.0000	OK
960 minute summer	FC24	495	186.348	0.048	0.2	0.0641	0.0000	OK
960 minute summer	FC25	495	186.598	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC26	585	186.472	0.022	0.1	0.2224	0.0000	OK
960 minute summer	FC27	450	186.522	0.022	0.1	0.0283	0.0000	OK
960 minute summer	FC28	495	186.548	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC29	510	186.550	0.050	0.2	0.0677	0.0000	OK
960 minute summer	FC30	495	186.798	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC31	525	186.472	0.022	0.1	0.0284	0.0000	OK
960 minute summer	FC32	510	186.472	0.022	0.1	0.0284	0.0000	OK
960 minute summer	FC33	495	186.498	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC34	495	186.499	0.049	0.2	0.0651	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC20	21.000	J18	0.2	0.686	0.012	0.0012
960 minute summer	FC21	22.000	J19	0.2	0.343	0.033	0.0043
960 minute summer	FC22	23.000	S17	0.1	0.402	0.005	0.0012
960 minute summer	FC23	24.000	J20	0.1	0.295	0.016	0.0016
960 minute summer	FC24	25.000	J21	0.2	0.401	0.026	0.0022
960 minute summer	FC25	26.000	J22	0.2	0.680	0.012	0.0014
960 minute summer	FC26	27.000	J23	0.1	0.492	0.008	0.0009
960 minute summer	FC27	28.000	J24	0.1	0.611	0.005	0.0007
960 minute summer	FC28	29.000	J25	0.2	0.684	0.012	0.0012
960 minute summer	FC29	30.000	J26	0.2	0.672	0.013	0.0014
960 minute summer	FC30	31.000	J27	0.2	0.640	0.013	0.0013
960 minute summer	FC31	33.000	J28	0.1	0.204	0.011	0.0029
960 minute summer	FC32	34.000	J29	0.1	0.183	0.008	0.0031
960 minute summer	FC33	35.000	S12	0.2	0.630	0.014	0.0013
960 minute summer	FC34	36.000	J30	0.2	0.353	0.031	0.0026

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC35	495	186.498	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC36	510	186.500	0.050	0.2	0.0677	0.0000	OK
960 minute summer	FC37	525	185.850	0.050	0.2	0.0698	0.0000	OK
960 minute summer	FC38	555	185.472	0.022	0.1	0.2647	0.0000	OK
960 minute summer	FC39	495	185.472	0.022	0.1	0.0284	0.0000	OK
960 minute summer	FC40	495	185.548	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC41	495	184.898	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC42	495	184.648	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC43	495	184.648	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC44	405	184.607	0.007	0.1	0.0089	0.0000	OK
960 minute summer	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	FC46	525	184.752	0.052	0.2	0.0730	0.0000	OK
960 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute summer	FC48	495	184.848	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC49	495	184.849	0.049	0.2	0.0655	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC35	37.000	J31	0.2	0.633	0.014	0.0016
960 minute summer	FC36	38.000	J32	0.2	0.685	0.013	0.0015
960 minute summer	FC37	39.000	J33	0.2	0.459	0.023	0.0029
960 minute summer	FC38	40.000	J34	0.1	0.473	0.008	0.0010
960 minute summer	FC39	41.000	J35	0.1	0.521	0.007	0.0009
960 minute summer	FC40	42.000	J36	0.2	0.776	0.010	0.0013
960 minute summer	FC41	43.000	J37	0.2	0.511	0.018	0.0019
960 minute summer	FC42	44.000	J38	0.2	0.446	0.022	0.0021
960 minute summer	FC43	45.000	J39	0.2	0.521	0.018	0.0016
960 minute summer	FC44	46.000	J40	0.1	0.438	0.009	0.0010
960 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
960 minute summer	FC46	48.000	S20	0.2	0.298	0.034	0.0040
960 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0020
960 minute summer	FC48	50.000	J42	0.2	0.294	0.014	0.0035
960 minute summer	FC49	51.000	S21	0.2	0.342	0.033	0.0025

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC50	495	184.849	0.049	0.2	0.0654	0.0000	OK
960 minute summer	FC51	495	184.899	0.049	0.2	0.0654	0.0000	OK
960 minute summer	FC52	510	185.300	0.050	0.2	0.0687	0.0000	OK
960 minute summer	FC53	495	185.298	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC54	570	185.272	0.022	0.1	0.0284	0.0000	OK
960 minute summer	FC55	570	185.272	0.022	0.1	0.0284	0.0000	OK
960 minute summer	FC56	495	185.398	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC57	495	185.398	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC58	465	185.372	0.022	0.1	0.0284	0.0000	OK
960 minute summer	FC59	525	185.372	0.022	0.1	0.0284	0.0000	OK
960 minute summer	FC60	495	185.398	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC61	495	185.348	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC62	540	185.301	0.050	0.2	0.0722	0.0000	OK
960 minute summer	FC63	450	185.422	0.022	0.1	0.0284	0.0000	OK
960 minute summer	FC64	495	185.049	0.049	0.2	0.0652	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC50	52.000	J43	0.2	0.342	0.033	0.0026
960 minute summer	FC51	55.000	S22	0.2	0.343	0.033	0.0035
960 minute summer	FC52	58.000	S23	0.2	0.502	0.020	0.0022
960 minute summer	FC53	61.000	J50	0.2	0.469	0.021	0.0018
960 minute summer	FC54	62.000	J51	0.1	0.425	0.009	0.0009
960 minute summer	FC55	64.000	J53	0.1	0.533	0.007	0.0008
960 minute summer	FC56	53.000	J44	0.2	0.671	0.013	0.0019
960 minute summer	FC57	54.000	J45	0.2	0.631	0.014	0.0020
960 minute summer	FC58	56.000	J46	0.1	0.495	0.007	0.0013
960 minute summer	FC59	57.000	J47	0.1	0.460	0.008	0.0014
960 minute summer	FC60	59.000	J48	0.2	0.558	0.016	0.0023
960 minute summer	FC61	60.000	J49	0.2	0.448	0.022	0.0032
960 minute summer	FC62	63.000	J52	0.2	0.416	0.026	0.0045
960 minute summer	FC63	65.000	S26	0.1	0.312	0.017	0.0010
960 minute summer	FC64	66.000	J54	0.2	0.266	0.033	0.0016

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC65	495	185.198	0.048	0.2	0.0639	0.0000	OK
960 minute summer	FC66	495	185.048	0.048	0.2	0.0645	0.0000	OK
960 minute summer	FC67	540	184.822	0.022	0.1	0.2271	0.0000	OK
960 minute summer	FC68	405	184.572	0.022	0.1	0.0284	0.0000	OK
960 minute summer	J1	495	188.218	0.018	0.6	0.0245	0.0000	OK
960 minute summer	J2	495	188.133	0.027	0.8	0.0309	0.0000	OK
960 minute summer	J3	495	188.075	0.029	1.1	0.0329	0.0000	OK
960 minute summer	J4	495	188.055	0.020	1.2	0.0226	0.0000	OK
960 minute summer	J5	495	187.929	0.019	1.4	0.0219	0.0000	OK
960 minute summer	J6	495	187.675	0.025	1.5	0.0282	0.0000	OK
960 minute summer	J7	495	187.635	0.035	1.6	0.0390	0.0000	OK
960 minute summer	J8	495	187.618	0.025	1.7	0.0285	0.0000	OK
960 minute summer	J9	495	187.310	0.035	1.8	0.0399	0.0000	OK
960 minute summer	J10	495	187.290	0.020	2.0	0.0225	0.0000	OK
960 minute summer	J11	495	187.149	0.028	2.1	0.0317	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC65	67.000	J55	0.2	0.329	0.010	0.0017
960 minute summer	FC66	68.000	S24	0.2	0.387	0.027	0.0011
960 minute summer	FC67	69.000	J56	0.1	0.279	0.017	0.0008
960 minute summer	FC68	70.000	J57	0.1	0.373	0.011	0.0006
960 minute summer	J1	1.001	J2	0.6	0.444	0.071	0.0068
960 minute summer	J2	1.002	J3	0.8	0.487	0.133	0.0017
960 minute summer	J3	1.003	J4	1.1	0.569	0.080	0.0037
960 minute summer	J4	1.004	J5	1.2	0.857	0.035	0.0048
960 minute summer	J5	1.005	J6	1.4	0.840	0.035	0.0092
960 minute summer	J6	1.006	J7	1.5	0.590	0.051	0.0049
960 minute summer	J7	1.007	J8	1.6	0.627	0.112	0.0028
960 minute summer	J8	1.008	J9	1.7	0.917	0.058	0.0161
960 minute summer	J9	1.009	J10	1.8	0.659	0.055	0.0034
960 minute summer	J10	1.010	J11	2.0	0.909	0.016	0.0056
960 minute summer	J11	1.011	S2	2.1	0.498	0.033	0.0235

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J12	495	186.840	0.031	2.7	0.0350	0.0000	OK
960 minute summer	J13	495	186.756	0.053	2.9	0.0605	0.0000	OK
960 minute summer	J14	495	186.747	0.052	3.0	0.0589	0.0000	OK
960 minute summer	J15	495	186.736	0.048	3.1	0.0543	0.0000	OK
960 minute summer	J16	495	186.708	0.038	3.2	0.0429	0.0000	OK
960 minute summer	J17	495	186.381	0.023	3.3	0.0264	0.0000	OK
960 minute summer	J18	495	186.225	0.031	3.8	0.0347	0.0000	OK
960 minute summer	J19	495	186.083	0.056	4.0	0.0629	0.0000	OK
960 minute summer	J20	585	185.944	0.013	0.2	0.0143	0.0000	OK
960 minute summer	J21	495	185.912	0.017	0.4	0.0197	0.0000	OK
960 minute summer	J22	495	185.840	0.022	0.6	0.0249	0.0000	OK
960 minute summer	J23	495	185.807	0.023	0.7	0.0266	0.0000	OK
960 minute summer	J24	495	185.680	0.030	1.1	0.0335	0.0000	OK
960 minute summer	J25	495	185.648	0.033	1.3	0.0371	0.0000	OK
960 minute summer	J26	495	185.623	0.036	1.5	0.0403	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J12	1.013	J13	2.7	0.532	0.041	0.0339
960 minute summer	J13	1.014	J14	2.9	0.406	0.091	0.0134
960 minute summer	J14	1.015	J15	3.0	0.453	0.095	0.0126
960 minute summer	J15	1.016	J16	3.1	0.582	0.100	0.0271
960 minute summer	J16	1.017	J17	3.2	0.762	0.052	0.0139
960 minute summer	J17	1.018	S3	3.3	0.763	0.022	0.0084
960 minute summer	J18	1.020	J19	3.8	1.315	0.030	0.0044
960 minute summer	J19	1.021	S4	4.0	0.505	0.073	0.0352
960 minute summer	J20	23.002	J21	0.2	0.302	0.034	0.0028
960 minute summer	J21	23.003	J22	0.4	0.359	0.066	0.0088
960 minute summer	J22	23.004	J23	0.6	0.437	0.098	0.0048
960 minute summer	J23	23.005	S18	0.7	0.496	0.115	0.0103
960 minute summer	J24	23.007	J25	1.1	0.407	0.081	0.0164
960 minute summer	J25	23.008	J26	1.3	0.422	0.096	0.0150
960 minute summer	J26	23.009	S19	1.5	0.480	0.110	0.0113

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J27	495	185.502	0.041	2.0	0.0459	0.0000	OK
960 minute summer	J28	480	186.376	0.020	0.5	0.0222	0.0000	OK
960 minute summer	J29	495	186.293	0.022	0.6	0.0251	0.0000	OK
960 minute summer	J30	495	186.176	0.029	1.0	0.0325	0.0000	OK
960 minute summer	J31	495	186.150	0.030	1.2	0.0345	0.0000	OK
960 minute summer	J32	495	186.098	0.034	1.4	0.0381	0.0000	OK
960 minute summer	J33	495	185.634	0.023	1.9	0.0265	0.0000	OK
960 minute summer	J34	495	185.164	0.039	2.4	0.0446	0.0000	OK
960 minute summer	J35	495	185.101	0.026	2.5	0.0292	0.0000	OK
960 minute summer	J36	495	184.917	0.042	2.7	0.0480	0.0000	OK
960 minute summer	J37	495	184.622	0.047	3.1	0.0531	0.0000	OK
960 minute summer	J38	495	184.427	0.052	3.3	0.0591	0.0000	OK
960 minute summer	J39	495	184.391	0.053	3.5	0.0600	0.0000	OK
960 minute summer	J40	495	184.371	0.046	3.6	0.0518	0.0000	OK
960 minute summer	J41	525	184.612	0.015	0.3	0.0173	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J27	23.011	S4	2.0	0.446	0.066	0.0105
960 minute summer	J28	32.001	J29	0.5	0.421	0.084	0.0105
960 minute summer	J29	32.002	S12	0.6	0.476	0.101	0.0059
960 minute summer	J30	32.004	J31	1.0	0.402	0.074	0.0122
960 minute summer	J31	32.005	J32	1.2	0.428	0.089	0.0268
960 minute summer	J32	32.006	S13	1.4	0.588	0.103	0.0125
960 minute summer	J33	32.008	S14	1.9	0.712	0.053	0.0243
960 minute summer	J34	32.010	J35	2.4	0.670	0.061	0.0323
960 minute summer	J35	32.011	J36	2.5	0.654	0.028	0.0264
960 minute summer	J36	32.012	S15	2.7	0.686	0.089	0.0093
960 minute summer	J37	32.014	S16	3.1	0.783	0.100	0.0210
960 minute summer	J38	32.016	J39	3.3	0.474	0.111	0.0763
960 minute summer	J39	32.017	J40	3.5	0.549	0.115	0.0236
960 minute summer	J40	32.018	S10	3.6	0.649	0.084	0.0536
960 minute summer	J41	48.002	J42	0.3	0.356	0.051	0.0057

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J42	495	184.557	0.020	0.5	0.0221	0.0000	OK
960 minute summer	J43	495	184.390	0.030	1.0	0.0340	0.0000	OK
960 minute summer	J44	495	184.380	0.030	1.2	0.0338	0.0000	OK
960 minute summer	J45	495	184.336	0.036	1.4	0.0409	0.0000	OK
960 minute summer	J46	495	184.311	0.039	1.8	0.0445	0.0000	OK
960 minute summer	J47	495	184.289	0.041	1.9	0.0460	0.0000	OK
960 minute summer	J48	495	184.198	0.044	2.3	0.0499	0.0000	OK
960 minute summer	J49	495	184.181	0.052	2.5	0.0591	0.0000	OK
960 minute summer	J50	495	184.175	0.050	2.7	0.0566	0.0000	OK
960 minute summer	J51	495	184.162	0.054	2.8	0.0615	0.0000	OK
960 minute summer	J52	495	184.155	0.051	3.0	0.0581	0.0000	OK
960 minute summer	J53	495	184.137	0.050	3.1	0.0569	0.0000	OK
960 minute summer	J54	495	184.997	0.018	0.4	0.0201	0.0000	OK
960 minute summer	J55	495	184.966	0.022	0.6	0.0246	0.0000	OK
960 minute summer	J56	495	184.028	0.061	4.5	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J42	48.003	S21	0.5	0.388	0.084	0.0108
960 minute summer	J43	48.005	J44	1.0	0.391	0.070	0.0040
960 minute summer	J44	48.006	J45	1.2	0.407	0.088	0.0253
960 minute summer	J45	48.007	S22	1.4	0.390	0.100	0.0083
960 minute summer	J46	48.009	J47	1.8	0.465	0.131	0.0159
960 minute summer	J47	48.010	S23	1.8	0.506	0.139	0.0096
960 minute summer	J48	48.012	J49	2.3	0.376	0.078	0.0464
960 minute summer	J49	48.013	J50	2.5	0.373	0.082	0.0077
960 minute summer	J50	48.014	J51	2.7	0.390	0.091	0.0353
960 minute summer	J51	48.015	J52	2.8	0.397	0.092	0.0080
960 minute summer	J52	48.016	J53	3.0	0.450	0.099	0.0327
960 minute summer	J53	48.017	S24	3.1	0.511	0.103	0.0624
960 minute summer	J54	65.002	J55	0.4	0.359	0.066	0.0040
960 minute summer	J55	65.003	S24	0.6	0.475	0.099	0.0097
960 minute summer	J56	48.019	J57	4.5	0.431	0.083	0.0945

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Results for 2 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J57	495	184.007	0.062	4.6	0.0701	0.0000	OK
960 minute summer	BASIN 1	630	185.432	0.432	6.1	51.1063	0.0000	SURCHARGED
960 minute summer	BASIN 2	1200	184.630	0.330	0.9	31.2895	0.0000	OK
960 minute summer	BASIN 3	765	183.156	0.056	4.0	39.1576	0.0000	OK
960 minute summer	BASIN 4	690	183.623	0.293	4.6	38.6378	0.0000	OK
960 minute summer	SWALE 1	630	184.959	0.027	0.9	0.0308	0.0000	OK
960 minute summer	SWALE 2	15	184.450	0.000	0.0	0.0000	0.0000	OK
960 minute summer	SWALE 3	495	184.119	0.049	4.0	0.0559	0.0000	OK
960 minute summer	BH1	1200	184.630	0.553	0.5	2.4061	0.0000	OK
960 minute summer	BH2	765	183.156	0.104	1.0	2.1245	0.0000	OK
960 minute summer	BH3	690	183.623	0.317	1.2	3.0846	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J57	48.020	S25	4.6	0.451	0.085	0.0802
960 minute summer	BASIN 1	1.023	S5	0.9	0.086	0.017	0.6013
960 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
960 minute summer	BASIN 2	71.000	BH1	0.5	0.378	0.092	0.1829
960 minute summer	BASIN 3	1.034	BH2	1.0	0.259	0.012	0.4773
960 minute summer	BASIN 4	48.022	BH3	1.2	0.308	0.022	0.7158
960 minute summer	SWALE 1	1.025	S6	0.9	0.287	0.017	0.1207
960 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
960 minute summer	SWALE 3	1.033	BASIN 3	4.0	0.551	0.058	0.3151
960 minute summer	BH1	Infiltration		0.1			
960 minute summer	BH2	Infiltration		0.2			
960 minute summer	BH3	Infiltration		0.2			

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S1	330	188.378	0.008	0.1	0.0103	0.0000	OK
960 minute winter	S2	495	187.079	0.040	1.9	0.0588	0.0000	OK
960 minute winter	S3	495	186.257	0.045	2.8	0.0585	0.0000	OK
960 minute winter	S4	690	185.532	0.154	4.6	0.1832	0.0000	OK
960 minute winter	S5	690	185.532	0.552	1.0	0.6245	0.0000	SURCHARGED
960 minute winter	S6	690	184.873	0.029	1.0	0.0330	0.0000	OK
960 minute winter	S7	15	184.779	0.000	0.0	0.0000	0.0000	OK
960 minute winter	S8	15	184.390	0.000	0.0	0.0000	0.0000	OK
960 minute winter	S9	510	184.211	0.011	0.0	0.0119	0.0000	OK
960 minute winter	S10	510	184.211	0.027	2.9	0.0404	0.0000	OK
960 minute winter	S11	435	186.415	0.015	0.3	0.0252	0.0000	OK
960 minute winter	S12	555	186.198	0.022	0.6	0.0250	0.0000	OK
960 minute winter	S13	450	186.053	0.019	1.1	0.0275	0.0000	OK
960 minute winter	S14	510	185.282	0.032	1.6	0.0506	0.0000	OK
960 minute winter	S15	510	184.891	0.023	2.1	0.0328	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	S1	1.000	J1	0.1	0.247	0.011	0.0036
960 minute winter	S2	1.012	J12	1.9	0.441	0.064	0.0064
960 minute winter	S3	1.019	J18	2.8	0.696	0.092	0.0211
960 minute winter	S4	1.022	BASIN 1	4.6	0.807	0.027	0.8939
960 minute winter	S5	1.024	SWALE 1	1.0	0.298	0.019	0.0695
960 minute winter	S6	1.026	BASIN 2	1.0	0.344	0.019	0.0172
960 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
960 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0045
960 minute winter	S9	1.031	S10	0.0	-0.006	0.000	0.0126
960 minute winter	S10	1.032	SWALE 3	2.9	0.653	0.016	0.0197
960 minute winter	S11	32.000	J28	0.3	0.355	0.050	0.0038
960 minute winter	S12	32.003	J30	0.6	0.350	0.045	0.0087
960 minute winter	S13	32.007	J33	1.1	0.845	0.034	0.0173
960 minute winter	S14	32.009	J34	1.6	0.597	0.092	0.0140
960 minute winter	S15	32.013	J37	2.1	0.612	0.023	0.0327

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S16	510	184.577	0.020	2.3	0.0249	0.0000	OK
960 minute winter	S17	630	186.009	0.009	0.1	0.0103	0.0000	OK
960 minute winter	S18	495	185.688	0.027	0.8	0.0381	0.0000	OK
960 minute winter	S19	690	185.532	0.041	1.4	0.0566	0.0000	OK
960 minute winter	S20	525	184.658	0.016	0.3	0.0191	0.0000	OK
960 minute winter	S21	525	184.479	0.020	0.5	0.0240	0.0000	OK
960 minute winter	S22	525	184.316	0.030	1.0	0.0368	0.0000	OK
960 minute winter	S23	525	184.195	0.037	1.4	0.0436	0.0000	OK
960 minute winter	S24	525	184.028	0.051	2.9	0.0741	0.0000	OK
960 minute winter	S25	525	183.975	0.049	3.1	0.0552	0.0000	OK
960 minute winter	S26	375	185.385	0.008	0.1	0.0092	0.0000	OK
960 minute winter	FC1	375	188.272	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC2	480	188.172	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC3	555	188.252	0.051	0.2	0.0747	0.0000	OK
960 minute winter	FC4	390	188.222	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	S16	32.015	J38	2.3	0.673	0.016	0.0082
960 minute winter	S17	23.001	J20	0.1	0.227	0.017	0.0033
960 minute winter	S18	23.006	J24	0.8	0.371	0.058	0.0039
960 minute winter	S19	23.010	J27	1.4	0.364	0.047	0.0701
960 minute winter	S20	48.001	J41	0.3	0.391	0.050	0.0035
960 minute winter	S21	48.004	J43	0.5	0.452	0.085	0.0056
960 minute winter	S22	48.008	J46	1.0	0.393	0.075	0.0062
960 minute winter	S23	48.011	J48	1.4	0.345	0.045	0.0046
960 minute winter	S24	48.018	J56	2.9	0.373	0.054	0.0330
960 minute winter	S25	48.021	BASIN 4	3.1	0.469	0.056	0.0212
960 minute winter	S26	65.001	J54	0.1	0.370	0.011	0.0023
960 minute winter	FC1	2.000	J1	0.1	0.216	0.016	0.0022
960 minute winter	FC2	3.000	J2	0.1	0.149	0.017	0.0032
960 minute winter	FC3	4.000	J3	0.2	0.366	0.031	0.0051
960 minute winter	FC4	5.000	J4	0.1	0.335	0.013	0.0022

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC5	510	188.022	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC6	585	187.872	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC7	450	187.772	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC8	450	187.772	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC9	615	187.492	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC10	525	187.521	0.051	0.2	0.0724	0.0000	OK
960 minute winter	FC11	405	187.342	0.022	0.1	0.0288	0.0000	OK
960 minute winter	FC12	570	187.252	0.022	0.1	0.0288	0.0000	OK
960 minute winter	FC13	420	187.022	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC14	435	186.922	0.022	0.1	0.2814	0.0000	OK
960 minute winter	FC15	405	187.222	0.022	0.1	0.0283	0.0000	OK
960 minute winter	FC16	555	186.922	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC17	435	187.022	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC18	585	186.572	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC19	435	186.422	0.022	0.1	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC5	6.000	J5	0.1	0.282	0.017	0.0015
960 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020
960 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023
960 minute winter	FC8	9.000	J8	0.1	0.396	0.010	0.0011
960 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025
960 minute winter	FC10	11.000	J10	0.2	0.376	0.030	0.0033
960 minute winter	FC11	12.000	J11	0.1	0.283	0.017	0.0027
960 minute winter	FC12	13.000	S2	0.1	0.283	0.017	0.0024
960 minute winter	FC13	14.000	J12	0.1	0.284	0.017	0.0024
960 minute winter	FC14	15.000	J13	0.1	0.284	0.017	0.0027
960 minute winter	FC15	16.000	J14	0.1	0.592	0.006	0.0008
960 minute winter	FC16	17.000	J15	0.1	0.301	0.015	0.0025
960 minute winter	FC17	18.000	J16	0.1	0.473	0.008	0.0010
960 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025
960 minute winter	FC19	20.000	S3	0.1	0.282	0.017	0.0023

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC20	390	186.972	0.022	0.1	0.0292	0.0000	OK
960 minute winter	FC21	570	186.322	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC22	630	186.472	0.022	0.1	0.2126	0.0000	OK
960 minute winter	FC23	480	186.322	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC24	555	186.322	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC25	375	186.572	0.022	0.1	0.0292	0.0000	OK
960 minute winter	FC26	495	186.472	0.022	0.1	0.2224	0.0000	OK
960 minute winter	FC27	405	186.522	0.022	0.1	0.0283	0.0000	OK
960 minute winter	FC28	390	186.522	0.022	0.1	0.0292	0.0000	OK
960 minute winter	FC29	375	186.522	0.022	0.1	0.0297	0.0000	OK
960 minute winter	FC30	390	186.772	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC31	480	186.472	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC32	510	186.472	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC33	570	186.472	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC34	570	186.472	0.022	0.1	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC20	21.000	J18	0.1	0.560	0.006	0.0008
960 minute winter	FC21	22.000	J19	0.1	0.283	0.017	0.0027
960 minute winter	FC22	23.000	S17	0.1	0.402	0.005	0.0012
960 minute winter	FC23	24.000	J20	0.1	0.295	0.016	0.0016
960 minute winter	FC24	25.000	J21	0.1	0.330	0.013	0.0014
960 minute winter	FC25	26.000	J22	0.1	0.555	0.006	0.0009
960 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009
960 minute winter	FC27	28.000	J24	0.1	0.611	0.005	0.0007
960 minute winter	FC28	29.000	J25	0.1	0.559	0.006	0.0008
960 minute winter	FC29	30.000	J26	0.1	0.543	0.007	0.0009
960 minute winter	FC30	31.000	J27	0.1	0.522	0.007	0.0008
960 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0025
960 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0028
960 minute winter	FC33	35.000	S12	0.1	0.514	0.007	0.0008
960 minute winter	FC34	36.000	J30	0.1	0.291	0.016	0.0016

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC35	420	186.472	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC36	375	186.472	0.022	0.1	0.0297	0.0000	OK
960 minute winter	FC37	510	185.850	0.050	0.2	0.0697	0.0000	OK
960 minute winter	FC38	555	185.472	0.022	0.1	0.2647	0.0000	OK
960 minute winter	FC39	570	185.472	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC40	375	185.522	0.022	0.1	0.0291	0.0000	OK
960 minute winter	FC41	480	184.872	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC42	510	184.622	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC43	585	184.622	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC44	360	184.607	0.007	0.1	0.0089	0.0000	OK
960 minute winter	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
960 minute winter	FC46	525	184.752	0.052	0.2	0.0730	0.0000	OK
960 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute winter	FC48	555	184.822	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC49	615	184.822	0.022	0.1	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC35	37.000	J31	0.1	0.516	0.007	0.0010
960 minute winter	FC36	38.000	J32	0.1	0.554	0.006	0.0009
960 minute winter	FC37	39.000	J33	0.2	0.459	0.023	0.0029
960 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010
960 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009
960 minute winter	FC40	42.000	J36	0.1	0.634	0.005	0.0008
960 minute winter	FC41	43.000	J37	0.1	0.418	0.010	0.0012
960 minute winter	FC42	44.000	J38	0.1	0.365	0.012	0.0014
960 minute winter	FC43	45.000	J39	0.1	0.426	0.009	0.0010
960 minute winter	FC44	46.000	J40	0.1	0.438	0.009	0.0010
960 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
960 minute winter	FC46	48.000	S20	0.2	0.298	0.034	0.0040
960 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0020
960 minute winter	FC48	50.000	J42	0.1	0.272	0.007	0.0028
960 minute winter	FC49	51.000	S21	0.1	0.282	0.017	0.0015

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC50	585	184.822	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC51	570	184.872	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC52	585	185.272	0.022	0.1	0.0302	0.0000	OK
960 minute winter	FC53	570	185.272	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC54	555	185.272	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC55	585	185.272	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC56	375	185.372	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC57	555	185.372	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC58	390	185.372	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC59	630	185.372	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC60	570	185.372	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC61	555	185.322	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC62	555	185.301	0.050	0.2	0.0722	0.0000	OK
960 minute winter	FC63	435	185.422	0.022	0.1	0.0284	0.0000	OK
960 minute winter	FC64	555	185.022	0.022	0.1	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC50	52.000	J43	0.1	0.282	0.017	0.0017
960 minute winter	FC51	55.000	S22	0.1	0.283	0.017	0.0022
960 minute winter	FC52	58.000	S23	0.1	0.407	0.010	0.0013
960 minute winter	FC53	61.000	J50	0.1	0.384	0.011	0.0011
960 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009
960 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008
960 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012
960 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013
960 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013
960 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014
960 minute winter	FC60	59.000	J48	0.1	0.455	0.008	0.0015
960 minute winter	FC61	60.000	J49	0.1	0.366	0.012	0.0020
960 minute winter	FC62	63.000	J52	0.2	0.416	0.026	0.0045
960 minute winter	FC63	65.000	S26	0.1	0.312	0.017	0.0008
960 minute winter	FC64	66.000	J54	0.1	0.279	0.017	0.0010

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC65	375	185.172	0.022	0.1	0.0291	0.0000	OK
960 minute winter	FC66	390	185.022	0.022	0.1	0.0293	0.0000	OK
960 minute winter	FC67	585	184.822	0.022	0.1	0.2271	0.0000	OK
960 minute winter	FC68	390	184.572	0.022	0.1	0.0284	0.0000	OK
960 minute winter	J1	615	188.213	0.013	0.3	0.0176	0.0000	OK
960 minute winter	J2	660	188.125	0.019	0.4	0.0217	0.0000	OK
960 minute winter	J3	540	188.068	0.022	0.6	0.0250	0.0000	OK
960 minute winter	J4	540	188.051	0.016	0.7	0.0176	0.0000	OK
960 minute winter	J5	525	187.925	0.015	0.8	0.0171	0.0000	OK
960 minute winter	J6	525	187.669	0.019	0.9	0.0216	0.0000	OK
960 minute winter	J7	555	187.628	0.028	1.0	0.0313	0.0000	OK
960 minute winter	J8	540	187.613	0.020	1.1	0.0226	0.0000	OK
960 minute winter	J9	480	187.303	0.028	1.2	0.0321	0.0000	OK
960 minute winter	J10	510	187.287	0.017	1.4	0.0188	0.0000	OK
960 minute winter	J11	525	187.145	0.024	1.5	0.0268	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC65	67.000	J55	0.1	0.328	0.005	0.0010
960 minute winter	FC66	68.000	S24	0.1	0.320	0.014	0.0007
960 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008
960 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006
960 minute winter	J1	1.001	J2	0.3	0.369	0.036	0.0041
960 minute winter	J2	1.002	J3	0.4	0.406	0.068	0.0010
960 minute winter	J3	1.003	J4	0.6	0.471	0.045	0.0025
960 minute winter	J4	1.004	J5	0.7	0.744	0.021	0.0033
960 minute winter	J5	1.005	J6	0.8	0.726	0.021	0.0063
960 minute winter	J6	1.006	J7	0.9	0.516	0.032	0.0035
960 minute winter	J7	1.007	J8	1.0	0.557	0.072	0.0020
960 minute winter	J8	1.008	J9	1.1	0.803	0.036	0.0116
960 minute winter	J9	1.009	J10	1.2	0.604	0.037	0.0025
960 minute winter	J10	1.010	J11	1.4	0.806	0.011	0.0043
960 minute winter	J11	1.011	S2	1.5	0.450	0.023	0.0187

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J12	495	186.836	0.027	2.0	0.0302	0.0000	OK
960 minute winter	J13	495	186.747	0.045	2.1	0.0513	0.0000	OK
960 minute winter	J14	495	186.740	0.045	2.2	0.0506	0.0000	OK
960 minute winter	J15	495	186.730	0.042	2.3	0.0472	0.0000	OK
960 minute winter	J16	495	186.703	0.033	2.4	0.0371	0.0000	OK
960 minute winter	J17	495	186.379	0.021	2.5	0.0233	0.0000	OK
960 minute winter	J18	495	186.220	0.026	2.9	0.0298	0.0000	OK
960 minute winter	J19	495	186.075	0.048	3.0	0.0545	0.0000	OK
960 minute winter	J20	630	185.944	0.013	0.2	0.0143	0.0000	OK
960 minute winter	J21	615	185.910	0.015	0.3	0.0173	0.0000	OK
960 minute winter	J22	630	185.836	0.018	0.4	0.0204	0.0000	OK
960 minute winter	J23	630	185.803	0.020	0.5	0.0227	0.0000	OK
960 minute winter	J24	495	185.677	0.027	0.9	0.0307	0.0000	OK
960 minute winter	J25	495	185.644	0.029	1.0	0.0327	0.0000	OK
960 minute winter	J26	495	185.618	0.031	1.1	0.0346	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J12	1.013	J13	2.0	0.490	0.030	0.0269
960 minute winter	J13	1.014	J14	2.1	0.373	0.067	0.0107
960 minute winter	J14	1.015	J15	2.2	0.414	0.070	0.0102
960 minute winter	J15	1.016	J16	2.3	0.535	0.075	0.0221
960 minute winter	J16	1.017	J17	2.4	0.707	0.040	0.0114
960 minute winter	J17	1.018	S3	2.5	0.703	0.017	0.0070
960 minute winter	J18	1.020	J19	2.9	1.229	0.022	0.0035
960 minute winter	J19	1.021	S4	3.0	0.462	0.054	0.0286
960 minute winter	J20	23.002	J21	0.2	0.302	0.034	0.0025
960 minute winter	J21	23.003	J22	0.3	0.350	0.051	0.0069
960 minute winter	J22	23.004	J23	0.4	0.385	0.067	0.0037
960 minute winter	J23	23.005	S18	0.5	0.455	0.085	0.0083
960 minute winter	J24	23.007	J25	0.9	0.397	0.068	0.0140
960 minute winter	J25	23.008	J26	1.0	0.404	0.075	0.0123
960 minute winter	J26	23.009	S19	1.1	0.443	0.083	0.0092

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J27	690	185.532	0.071	1.5	0.0805	0.0000	OK
960 minute winter	J28	480	186.374	0.018	0.4	0.0199	0.0000	OK
960 minute winter	J29	510	186.291	0.020	0.5	0.0229	0.0000	OK
960 minute winter	J30	510	186.171	0.024	0.7	0.0273	0.0000	OK
960 minute winter	J31	540	186.144	0.025	0.8	0.0284	0.0000	OK
960 minute winter	J32	510	186.091	0.027	0.9	0.0310	0.0000	OK
960 minute winter	J33	510	185.630	0.020	1.3	0.0223	0.0000	OK
960 minute winter	J34	510	185.159	0.034	1.7	0.0380	0.0000	OK
960 minute winter	J35	510	185.097	0.022	1.8	0.0251	0.0000	OK
960 minute winter	J36	510	184.911	0.036	1.9	0.0410	0.0000	OK
960 minute winter	J37	510	184.615	0.040	2.2	0.0457	0.0000	OK
960 minute winter	J38	510	184.419	0.044	2.4	0.0498	0.0000	OK
960 minute winter	J39	510	184.383	0.045	2.5	0.0505	0.0000	OK
960 minute winter	J40	510	184.364	0.039	2.6	0.0437	0.0000	OK
960 minute winter	J41	525	184.612	0.015	0.3	0.0173	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J27	23.011	S4	1.5	0.413	0.050	0.0278
960 minute winter	J28	32.001	J29	0.4	0.389	0.068	0.0091
960 minute winter	J29	32.002	S12	0.5	0.452	0.084	0.0051
960 minute winter	J30	32.004	J31	0.7	0.372	0.053	0.0094
960 minute winter	J31	32.005	J32	0.8	0.388	0.060	0.0201
960 minute winter	J32	32.006	S13	0.9	0.520	0.068	0.0093
960 minute winter	J33	32.008	S14	1.3	0.642	0.037	0.0187
960 minute winter	J34	32.010	J35	1.7	0.604	0.044	0.0257
960 minute winter	J35	32.011	J36	1.8	0.598	0.020	0.0211
960 minute winter	J36	32.012	S15	1.9	0.611	0.063	0.0075
960 minute winter	J37	32.014	S16	2.2	0.702	0.072	0.0168
960 minute winter	J38	32.016	J39	2.4	0.435	0.079	0.0596
960 minute winter	J39	32.017	J40	2.5	0.496	0.081	0.0184
960 minute winter	J40	32.018	S10	2.6	0.590	0.060	0.0422
960 minute winter	J41	48.002	J42	0.3	0.356	0.051	0.0052

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J42	525	184.555	0.018	0.4	0.0200	0.0000	OK
960 minute winter	J43	525	184.383	0.023	0.6	0.0262	0.0000	OK
960 minute winter	J44	525	184.373	0.023	0.7	0.0263	0.0000	OK
960 minute winter	J45	525	184.327	0.027	0.8	0.0304	0.0000	OK
960 minute winter	J46	525	184.303	0.031	1.1	0.0347	0.0000	OK
960 minute winter	J47	525	184.280	0.032	1.2	0.0367	0.0000	OK
960 minute winter	J48	525	184.189	0.035	1.5	0.0393	0.0000	OK
960 minute winter	J49	525	184.169	0.040	1.6	0.0457	0.0000	OK
960 minute winter	J50	525	184.164	0.039	1.7	0.0437	0.0000	OK
960 minute winter	J51	525	184.151	0.043	1.8	0.0489	0.0000	OK
960 minute winter	J52	525	184.145	0.041	2.0	0.0468	0.0000	OK
960 minute winter	J53	525	184.128	0.041	2.1	0.0468	0.0000	OK
960 minute winter	J54	405	184.992	0.013	0.2	0.0143	0.0000	OK
960 minute winter	J55	375	184.960	0.016	0.3	0.0176	0.0000	OK
960 minute winter	J56	525	184.017	0.050	3.0	0.0562	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J42	48.003	S21	0.4	0.389	0.068	0.0084
960 minute winter	J43	48.005	J44	0.6	0.347	0.043	0.0028
960 minute winter	J44	48.006	J45	0.7	0.362	0.052	0.0170
960 minute winter	J45	48.007	S22	0.8	0.344	0.059	0.0055
960 minute winter	J46	48.009	J47	1.1	0.410	0.082	0.0113
960 minute winter	J47	48.010	S23	1.2	0.450	0.090	0.0070
960 minute winter	J48	48.012	J49	1.5	0.345	0.050	0.0324
960 minute winter	J49	48.013	J50	1.6	0.342	0.052	0.0053
960 minute winter	J50	48.014	J51	1.7	0.346	0.057	0.0250
960 minute winter	J51	48.015	J52	1.8	0.349	0.059	0.0059
960 minute winter	J52	48.016	J53	2.0	0.400	0.066	0.0244
960 minute winter	J53	48.017	S24	2.1	0.459	0.070	0.0470
960 minute winter	J54	65.002	J55	0.2	0.298	0.034	0.0024
960 minute winter	J55	65.003	S24	0.3	0.392	0.051	0.0060
960 minute winter	J56	48.019	J57	3.0	0.387	0.055	0.0705

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Results for 2 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J57	525	183.996	0.051	3.1	0.0575	0.0000	OK
960 minute winter	BASIN 1	690	185.532	0.532	4.6	64.2696	0.0000	SURCHARGED
960 minute winter	BASIN 2	1200	184.691	0.391	1.0	37.7117	0.0000	OK
960 minute winter	BASIN 3	870	183.173	0.073	2.9	50.7365	0.0000	OK
960 minute winter	BASIN 4	735	183.706	0.376	3.1	50.4816	0.0000	SURCHARGED
960 minute winter	SWALE 1	690	184.961	0.029	1.0	0.0323	0.0000	OK
960 minute winter	SWALE 2	15	184.450	0.000	0.0	0.0000	0.0000	OK
960 minute winter	SWALE 3	510	184.112	0.042	2.9	0.0476	0.0000	OK
960 minute winter	BH1	1200	184.691	0.614	0.5	2.5824	0.0000	OK
960 minute winter	BH2	870	183.173	0.121	0.9	2.2067	0.0000	OK
960 minute winter	BH3	735	183.706	0.400	1.5	3.4739	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J57	48.020	S25	3.1	0.405	0.057	0.0606
960 minute winter	BASIN 1	1.023	S5	1.0	0.092	0.019	0.6013
960 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
960 minute winter	BASIN 2	71.000	BH1	0.5	0.372	0.084	0.1829
960 minute winter	BASIN 3	1.034	BH2	0.9	0.250	0.011	0.6171
960 minute winter	BASIN 4	48.022	BH3	1.5	0.292	0.029	0.7181
960 minute winter	SWALE 1	1.025	S6	1.0	0.296	0.019	0.1300
960 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
960 minute winter	SWALE 3	1.033	BASIN 3	2.9	0.501	0.042	0.2501
960 minute winter	BH1	Infiltration		0.1			
960 minute winter	BH2	Infiltration		0.2			
960 minute winter	BH3	Infiltration		0.2			

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S1	630	188.378	0.008	0.1	0.0103	0.0000	OK
1440 minute summer	S2	750	187.078	0.039	1.8	0.0572	0.0000	OK
1440 minute summer	S3	750	186.256	0.044	2.7	0.0575	0.0000	OK
1440 minute summer	S4	900	185.442	0.064	4.3	0.0761	0.0000	OK
1440 minute summer	S5	900	185.442	0.462	0.9	0.5226	0.0000	SURCHARGED
1440 minute summer	S6	900	184.872	0.028	0.9	0.0316	0.0000	OK
1440 minute summer	S7	30	184.779	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	S8	30	184.390	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	S9	750	184.211	0.010	0.0	0.0119	0.0000	OK
1440 minute summer	S10	750	184.211	0.026	2.9	0.0404	0.0000	OK
1440 minute summer	S11	750	186.415	0.015	0.3	0.0252	0.0000	OK
1440 minute summer	S12	750	186.198	0.022	0.6	0.0250	0.0000	OK
1440 minute summer	S13	750	186.053	0.019	1.1	0.0273	0.0000	OK
1440 minute summer	S14	750	185.282	0.032	1.6	0.0506	0.0000	OK
1440 minute summer	S15	750	184.891	0.023	2.1	0.0327	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	S1	1.000	J1	0.1	0.239	0.011	0.0036
1440 minute summer	S2	1.012	J12	1.8	0.435	0.060	0.0062
1440 minute summer	S3	1.019	J18	2.7	0.688	0.088	0.0205
1440 minute summer	S4	1.022	BASIN 1	4.3	0.698	0.026	0.6808
1440 minute summer	S5	1.024	SWALE 1	0.9	0.290	0.017	0.0650
1440 minute summer	S6	1.026	BASIN 2	0.9	0.336	0.017	0.0159
1440 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
1440 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0045
1440 minute summer	S9	1.031	S10	0.0	-0.010	0.000	0.0126
1440 minute summer	S10	1.032	SWALE 3	2.9	0.653	0.016	0.0196
1440 minute summer	S11	32.000	J28	0.3	0.355	0.050	0.0038
1440 minute summer	S12	32.003	J30	0.6	0.350	0.045	0.0087
1440 minute summer	S13	32.007	J33	1.1	0.828	0.034	0.0173
1440 minute summer	S14	32.009	J34	1.6	0.597	0.092	0.0140
1440 minute summer	S15	32.013	J37	2.1	0.612	0.023	0.0327

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S16	750	184.577	0.020	2.3	0.0249	0.0000	OK
1440 minute summer	S17	840	186.009	0.009	0.1	0.0103	0.0000	OK
1440 minute summer	S18	810	185.686	0.025	0.7	0.0356	0.0000	OK
1440 minute summer	S19	810	185.522	0.031	1.2	0.0426	0.0000	OK
1440 minute summer	S20	750	184.658	0.016	0.3	0.0190	0.0000	OK
1440 minute summer	S21	750	184.479	0.020	0.5	0.0239	0.0000	OK
1440 minute summer	S22	750	184.316	0.030	1.0	0.0368	0.0000	OK
1440 minute summer	S23	750	184.195	0.037	1.4	0.0436	0.0000	OK
1440 minute summer	S24	750	184.028	0.051	2.9	0.0740	0.0000	OK
1440 minute summer	S25	750	183.975	0.049	3.1	0.0551	0.0000	OK
1440 minute summer	S26	660	185.385	0.008	0.1	0.0092	0.0000	OK
1440 minute summer	FC1	810	188.272	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC2	750	188.172	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC3	780	188.252	0.051	0.2	0.0747	0.0000	OK
1440 minute summer	FC4	690	188.222	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	S16	32.015	J38	2.3	0.673	0.016	0.0082
1440 minute summer	S17	23.001	J20	0.1	0.219	0.017	0.0033
1440 minute summer	S18	23.006	J24	0.7	0.357	0.051	0.0036
1440 minute summer	S19	23.010	J27	1.2	0.347	0.040	0.0308
1440 minute summer	S20	48.001	J41	0.3	0.391	0.050	0.0035
1440 minute summer	S21	48.004	J43	0.5	0.452	0.084	0.0056
1440 minute summer	S22	48.008	J46	1.0	0.392	0.074	0.0062
1440 minute summer	S23	48.011	J48	1.4	0.345	0.045	0.0045
1440 minute summer	S24	48.018	J56	2.9	0.373	0.054	0.0330
1440 minute summer	S25	48.021	BASIN 4	3.1	0.469	0.056	0.0211
1440 minute summer	S26	65.001	J54	0.1	0.370	0.011	0.0023
1440 minute summer	FC1	2.000	J1	0.1	0.216	0.016	0.0022
1440 minute summer	FC2	3.000	J2	0.1	0.149	0.017	0.0032
1440 minute summer	FC3	4.000	J3	0.2	0.366	0.031	0.0051
1440 minute summer	FC4	5.000	J4	0.1	0.335	0.013	0.0022

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC5	750	188.022	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC6	720	187.872	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC7	720	187.772	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC8	660	187.772	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC9	840	187.492	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC10	750	187.521	0.051	0.2	0.0717	0.0000	OK
1440 minute summer	FC11	750	187.342	0.022	0.1	0.0288	0.0000	OK
1440 minute summer	FC12	660	187.252	0.022	0.1	0.0288	0.0000	OK
1440 minute summer	FC13	720	187.022	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC14	840	186.922	0.022	0.1	0.2814	0.0000	OK
1440 minute summer	FC15	690	187.222	0.022	0.1	0.0283	0.0000	OK
1440 minute summer	FC16	750	186.922	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC17	720	187.022	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC18	690	186.572	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC19	630	186.422	0.022	0.1	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC5	6.000	J5	0.1	0.282	0.017	0.0015
1440 minute summer	FC6	7.000	J6	0.1	0.367	0.012	0.0020
1440 minute summer	FC7	8.000	J7	0.1	0.321	0.014	0.0023
1440 minute summer	FC8	9.000	J8	0.1	0.396	0.010	0.0011
1440 minute summer	FC9	10.000	J9	0.1	0.284	0.017	0.0025
1440 minute summer	FC10	11.000	J10	0.2	0.375	0.030	0.0033
1440 minute summer	FC11	12.000	J11	0.1	0.283	0.017	0.0027
1440 minute summer	FC12	13.000	S2	0.1	0.283	0.017	0.0024
1440 minute summer	FC13	14.000	J12	0.1	0.283	0.017	0.0024
1440 minute summer	FC14	15.000	J13	0.1	0.284	0.017	0.0027
1440 minute summer	FC15	16.000	J14	0.1	0.592	0.006	0.0008
1440 minute summer	FC16	17.000	J15	0.1	0.301	0.015	0.0025
1440 minute summer	FC17	18.000	J16	0.1	0.473	0.008	0.0010
1440 minute summer	FC18	19.000	J17	0.1	0.283	0.017	0.0025
1440 minute summer	FC19	20.000	S3	0.1	0.282	0.017	0.0023

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC20	660	186.972	0.022	0.1	0.0292	0.0000	OK
1440 minute summer	FC21	840	186.322	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC22	840	186.472	0.022	0.1	0.2126	0.0000	OK
1440 minute summer	FC23	690	186.322	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC24	690	186.322	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC25	660	186.572	0.022	0.1	0.0292	0.0000	OK
1440 minute summer	FC26	840	186.472	0.022	0.1	0.2224	0.0000	OK
1440 minute summer	FC27	690	186.522	0.022	0.1	0.0283	0.0000	OK
1440 minute summer	FC28	660	186.522	0.022	0.1	0.0292	0.0000	OK
1440 minute summer	FC29	660	186.522	0.022	0.1	0.0297	0.0000	OK
1440 minute summer	FC30	870	186.772	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC31	780	186.472	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC32	660	186.472	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC33	840	186.472	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC34	690	186.472	0.022	0.1	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC20	21.000	J18	0.1	0.560	0.006	0.0008
1440 minute summer	FC21	22.000	J19	0.1	0.283	0.017	0.0027
1440 minute summer	FC22	23.000	S17	0.1	0.402	0.005	0.0012
1440 minute summer	FC23	24.000	J20	0.1	0.295	0.016	0.0016
1440 minute summer	FC24	25.000	J21	0.1	0.330	0.013	0.0014
1440 minute summer	FC25	26.000	J22	0.1	0.555	0.006	0.0009
1440 minute summer	FC26	27.000	J23	0.1	0.492	0.008	0.0009
1440 minute summer	FC27	28.000	J24	0.1	0.611	0.005	0.0007
1440 minute summer	FC28	29.000	J25	0.1	0.559	0.006	0.0008
1440 minute summer	FC29	30.000	J26	0.1	0.543	0.007	0.0009
1440 minute summer	FC30	31.000	J27	0.1	0.522	0.007	0.0008
1440 minute summer	FC31	33.000	J28	0.1	0.204	0.011	0.0025
1440 minute summer	FC32	34.000	J29	0.1	0.183	0.008	0.0028
1440 minute summer	FC33	35.000	S12	0.1	0.514	0.007	0.0008
1440 minute summer	FC34	36.000	J30	0.1	0.291	0.016	0.0016

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC35	630	186.472	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC36	660	186.472	0.022	0.1	0.0297	0.0000	OK
1440 minute summer	FC37	750	185.850	0.050	0.2	0.0694	0.0000	OK
1440 minute summer	FC38	780	185.472	0.022	0.1	0.2647	0.0000	OK
1440 minute summer	FC39	780	185.472	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC40	660	185.522	0.022	0.1	0.0291	0.0000	OK
1440 minute summer	FC41	750	184.872	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC42	780	184.622	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC43	630	184.622	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC44	660	184.607	0.007	0.1	0.0089	0.0000	OK
1440 minute summer	FC45	30	184.600	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	FC46	750	184.751	0.051	0.2	0.0724	0.0000	OK
1440 minute summer	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	FC48	660	184.822	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC49	750	184.822	0.022	0.1	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC35	37.000	J31	0.1	0.516	0.007	0.0010
1440 minute summer	FC36	38.000	J32	0.1	0.554	0.006	0.0009
1440 minute summer	FC37	39.000	J33	0.2	0.459	0.022	0.0029
1440 minute summer	FC38	40.000	J34	0.1	0.473	0.008	0.0010
1440 minute summer	FC39	41.000	J35	0.1	0.521	0.007	0.0009
1440 minute summer	FC40	42.000	J36	0.1	0.634	0.005	0.0008
1440 minute summer	FC41	43.000	J37	0.1	0.418	0.010	0.0012
1440 minute summer	FC42	44.000	J38	0.1	0.365	0.012	0.0014
1440 minute summer	FC43	45.000	J39	0.1	0.426	0.009	0.0010
1440 minute summer	FC44	46.000	J40	0.1	0.438	0.009	0.0010
1440 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
1440 minute summer	FC46	48.000	S20	0.2	0.297	0.034	0.0040
1440 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0020
1440 minute summer	FC48	50.000	J42	0.1	0.272	0.007	0.0028
1440 minute summer	FC49	51.000	S21	0.1	0.282	0.017	0.0015

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC50	660	184.822	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC51	630	184.872	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC52	630	185.272	0.022	0.1	0.0302	0.0000	OK
1440 minute summer	FC53	720	185.272	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC54	810	185.272	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC55	780	185.272	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC56	660	185.372	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC57	780	185.372	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC58	750	185.372	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC59	660	185.372	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC60	840	185.372	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC61	870	185.322	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC62	750	185.300	0.050	0.2	0.0716	0.0000	OK
1440 minute summer	FC63	840	185.422	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	FC64	810	185.022	0.022	0.1	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC50	52.000	J43	0.1	0.282	0.017	0.0017
1440 minute summer	FC51	55.000	S22	0.1	0.283	0.017	0.0022
1440 minute summer	FC52	58.000	S23	0.1	0.407	0.010	0.0013
1440 minute summer	FC53	61.000	J50	0.1	0.384	0.011	0.0011
1440 minute summer	FC54	62.000	J51	0.1	0.425	0.009	0.0009
1440 minute summer	FC55	64.000	J53	0.1	0.533	0.007	0.0008
1440 minute summer	FC56	53.000	J44	0.1	0.547	0.006	0.0012
1440 minute summer	FC57	54.000	J45	0.1	0.514	0.007	0.0013
1440 minute summer	FC58	56.000	J46	0.1	0.495	0.007	0.0013
1440 minute summer	FC59	57.000	J47	0.1	0.460	0.008	0.0014
1440 minute summer	FC60	59.000	J48	0.1	0.455	0.008	0.0015
1440 minute summer	FC61	60.000	J49	0.1	0.366	0.012	0.0020
1440 minute summer	FC62	63.000	J52	0.2	0.416	0.026	0.0045
1440 minute summer	FC63	65.000	S26	0.1	0.312	0.017	0.0008
1440 minute summer	FC64	66.000	J54	0.1	0.270	0.017	0.0010

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC65	660	185.172	0.022	0.1	0.0291	0.0000	OK
1440 minute summer	FC66	630	185.022	0.022	0.1	0.0293	0.0000	OK
1440 minute summer	FC67	780	184.822	0.022	0.1	0.2271	0.0000	OK
1440 minute summer	FC68	690	184.572	0.022	0.1	0.0284	0.0000	OK
1440 minute summer	J1	780	188.213	0.013	0.3	0.0176	0.0000	OK
1440 minute summer	J2	840	188.125	0.019	0.4	0.0217	0.0000	OK
1440 minute summer	J3	780	188.068	0.022	0.6	0.0250	0.0000	OK
1440 minute summer	J4	780	188.051	0.016	0.7	0.0176	0.0000	OK
1440 minute summer	J5	780	187.925	0.015	0.8	0.0171	0.0000	OK
1440 minute summer	J6	780	187.669	0.019	0.9	0.0216	0.0000	OK
1440 minute summer	J7	780	187.628	0.028	1.0	0.0313	0.0000	OK
1440 minute summer	J8	780	187.613	0.020	1.1	0.0226	0.0000	OK
1440 minute summer	J9	750	187.303	0.028	1.2	0.0321	0.0000	OK
1440 minute summer	J10	750	187.287	0.017	1.4	0.0188	0.0000	OK
1440 minute summer	J11	750	187.145	0.024	1.5	0.0268	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC65	67.000	J55	0.1	0.285	0.005	0.0010
1440 minute summer	FC66	68.000	S24	0.1	0.320	0.014	0.0007
1440 minute summer	FC67	69.000	J56	0.1	0.279	0.017	0.0008
1440 minute summer	FC68	70.000	J57	0.1	0.373	0.011	0.0006
1440 minute summer	J1	1.001	J2	0.3	0.369	0.036	0.0041
1440 minute summer	J2	1.002	J3	0.4	0.406	0.068	0.0010
1440 minute summer	J3	1.003	J4	0.6	0.471	0.045	0.0025
1440 minute summer	J4	1.004	J5	0.7	0.744	0.021	0.0033
1440 minute summer	J5	1.005	J6	0.8	0.726	0.021	0.0063
1440 minute summer	J6	1.006	J7	0.9	0.516	0.032	0.0035
1440 minute summer	J7	1.007	J8	1.0	0.557	0.072	0.0020
1440 minute summer	J8	1.008	J9	1.1	0.803	0.036	0.0116
1440 minute summer	J9	1.009	J10	1.2	0.606	0.037	0.0025
1440 minute summer	J10	1.010	J11	1.4	0.805	0.011	0.0043
1440 minute summer	J11	1.011	S2	1.5	0.450	0.023	0.0182

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J12	750	186.835	0.026	1.9	0.0294	0.0000	OK
1440 minute summer	J13	750	186.746	0.044	2.0	0.0500	0.0000	OK
1440 minute summer	J14	750	186.739	0.044	2.1	0.0494	0.0000	OK
1440 minute summer	J15	750	186.729	0.041	2.2	0.0462	0.0000	OK
1440 minute summer	J16	750	186.702	0.032	2.3	0.0363	0.0000	OK
1440 minute summer	J17	750	186.378	0.020	2.4	0.0228	0.0000	OK
1440 minute summer	J18	750	186.220	0.026	2.8	0.0292	0.0000	OK
1440 minute summer	J19	750	186.074	0.047	2.9	0.0537	0.0000	OK
1440 minute summer	J20	840	185.944	0.013	0.2	0.0143	0.0000	OK
1440 minute summer	J21	840	185.910	0.015	0.3	0.0173	0.0000	OK
1440 minute summer	J22	840	185.836	0.018	0.4	0.0204	0.0000	OK
1440 minute summer	J23	840	185.803	0.020	0.5	0.0227	0.0000	OK
1440 minute summer	J24	810	185.676	0.026	0.8	0.0289	0.0000	OK
1440 minute summer	J25	810	185.642	0.027	0.9	0.0310	0.0000	OK
1440 minute summer	J26	810	185.616	0.029	1.0	0.0330	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J12	1.013	J13	1.9	0.483	0.028	0.0260
1440 minute summer	J13	1.014	J14	2.0	0.367	0.064	0.0103
1440 minute summer	J14	1.015	J15	2.1	0.408	0.067	0.0099
1440 minute summer	J15	1.016	J16	2.2	0.528	0.072	0.0214
1440 minute summer	J16	1.017	J17	2.3	0.699	0.038	0.0111
1440 minute summer	J17	1.018	S3	2.4	0.696	0.016	0.0068
1440 minute summer	J18	1.020	J19	2.8	1.216	0.022	0.0034
1440 minute summer	J19	1.021	S4	2.9	0.457	0.053	0.0279
1440 minute summer	J20	23.002	J21	0.2	0.302	0.034	0.0025
1440 minute summer	J21	23.003	J22	0.3	0.350	0.051	0.0069
1440 minute summer	J22	23.004	J23	0.4	0.385	0.067	0.0037
1440 minute summer	J23	23.005	S18	0.5	0.455	0.085	0.0083
1440 minute summer	J24	23.007	J25	0.8	0.384	0.060	0.0129
1440 minute summer	J25	23.008	J26	0.9	0.392	0.068	0.0114
1440 minute summer	J26	23.009	S19	1.0	0.431	0.075	0.0086

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J27	810	185.494	0.033	1.3	0.0374	0.0000	OK
1440 minute summer	J28	750	186.374	0.018	0.4	0.0199	0.0000	OK
1440 minute summer	J29	750	186.291	0.020	0.5	0.0229	0.0000	OK
1440 minute summer	J30	750	186.171	0.024	0.7	0.0273	0.0000	OK
1440 minute summer	J31	750	186.144	0.025	0.8	0.0284	0.0000	OK
1440 minute summer	J32	750	186.091	0.027	0.9	0.0310	0.0000	OK
1440 minute summer	J33	750	185.630	0.020	1.3	0.0223	0.0000	OK
1440 minute summer	J34	750	185.159	0.034	1.7	0.0379	0.0000	OK
1440 minute summer	J35	750	185.097	0.022	1.8	0.0251	0.0000	OK
1440 minute summer	J36	750	184.911	0.036	1.9	0.0410	0.0000	OK
1440 minute summer	J37	750	184.615	0.040	2.2	0.0456	0.0000	OK
1440 minute summer	J38	750	184.419	0.044	2.4	0.0497	0.0000	OK
1440 minute summer	J39	750	184.383	0.045	2.5	0.0505	0.0000	OK
1440 minute summer	J40	750	184.364	0.039	2.6	0.0436	0.0000	OK
1440 minute summer	J41	750	184.612	0.015	0.3	0.0173	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J27	23.011	S4	1.3	0.397	0.044	0.0078
1440 minute summer	J28	32.001	J29	0.4	0.389	0.068	0.0091
1440 minute summer	J29	32.002	S12	0.5	0.452	0.084	0.0051
1440 minute summer	J30	32.004	J31	0.7	0.372	0.053	0.0094
1440 minute summer	J31	32.005	J32	0.8	0.388	0.060	0.0201
1440 minute summer	J32	32.006	S13	0.9	0.520	0.068	0.0093
1440 minute summer	J33	32.008	S14	1.3	0.640	0.037	0.0187
1440 minute summer	J34	32.010	J35	1.7	0.604	0.044	0.0257
1440 minute summer	J35	32.011	J36	1.8	0.597	0.020	0.0211
1440 minute summer	J36	32.012	S15	1.9	0.611	0.063	0.0075
1440 minute summer	J37	32.014	S16	2.2	0.701	0.072	0.0168
1440 minute summer	J38	32.016	J39	2.4	0.435	0.079	0.0596
1440 minute summer	J39	32.017	J40	2.5	0.496	0.081	0.0184
1440 minute summer	J40	32.018	S10	2.6	0.590	0.060	0.0421
1440 minute summer	J41	48.002	J42	0.3	0.356	0.050	0.0052

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J42	750	184.555	0.018	0.4	0.0199	0.0000	OK
1440 minute summer	J43	750	184.383	0.023	0.6	0.0262	0.0000	OK
1440 minute summer	J44	750	184.373	0.023	0.7	0.0263	0.0000	OK
1440 minute summer	J45	750	184.327	0.027	0.8	0.0303	0.0000	OK
1440 minute summer	J46	750	184.303	0.031	1.1	0.0346	0.0000	OK
1440 minute summer	J47	750	184.280	0.032	1.2	0.0366	0.0000	OK
1440 minute summer	J48	750	184.189	0.035	1.5	0.0392	0.0000	OK
1440 minute summer	J49	750	184.169	0.040	1.6	0.0457	0.0000	OK
1440 minute summer	J50	750	184.164	0.039	1.7	0.0437	0.0000	OK
1440 minute summer	J51	750	184.151	0.043	1.8	0.0488	0.0000	OK
1440 minute summer	J52	750	184.145	0.041	2.0	0.0468	0.0000	OK
1440 minute summer	J53	750	184.128	0.041	2.1	0.0467	0.0000	OK
1440 minute summer	J54	840	184.992	0.013	0.2	0.0143	0.0000	OK
1440 minute summer	J55	810	184.960	0.016	0.3	0.0176	0.0000	OK
1440 minute summer	J56	750	184.017	0.050	3.0	0.0562	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J42	48.003	S21	0.4	0.388	0.068	0.0084
1440 minute summer	J43	48.005	J44	0.6	0.347	0.043	0.0028
1440 minute summer	J44	48.006	J45	0.7	0.362	0.052	0.0169
1440 minute summer	J45	48.007	S22	0.8	0.344	0.059	0.0055
1440 minute summer	J46	48.009	J47	1.1	0.409	0.082	0.0113
1440 minute summer	J47	48.010	S23	1.2	0.450	0.090	0.0070
1440 minute summer	J48	48.012	J49	1.5	0.345	0.050	0.0324
1440 minute summer	J49	48.013	J50	1.6	0.342	0.052	0.0053
1440 minute summer	J50	48.014	J51	1.7	0.346	0.057	0.0249
1440 minute summer	J51	48.015	J52	1.8	0.349	0.059	0.0058
1440 minute summer	J52	48.016	J53	2.0	0.400	0.065	0.0243
1440 minute summer	J53	48.017	S24	2.1	0.459	0.070	0.0469
1440 minute summer	J54	65.002	J55	0.2	0.298	0.034	0.0024
1440 minute summer	J55	65.003	S24	0.3	0.392	0.051	0.0060
1440 minute summer	J56	48.019	J57	3.0	0.387	0.055	0.0704

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Results for 2 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J57	750	183.996	0.051	3.1	0.0574	0.0000	OK
1440 minute summer	BASIN 1	900	185.442	0.442	4.3	52.3942	0.0000	SURCHARGED
1440 minute summer	BASIN 2	1680	184.717	0.417	0.9	40.5145	0.0000	OK
1440 minute summer	BASIN 3	1020	183.159	0.059	2.9	40.8269	0.0000	OK
1440 minute summer	BASIN 4	960	183.635	0.305	3.1	40.3567	0.0000	SURCHARGED
1440 minute summer	SWALE 1	900	184.959	0.027	0.9	0.0310	0.0000	OK
1440 minute summer	SWALE 2	30	184.450	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	SWALE 3	750	184.112	0.042	2.9	0.0476	0.0000	OK
1440 minute summer	BH1	1680	184.717	0.640	0.5	2.6577	0.0000	OK
1440 minute summer	BH2	1020	183.159	0.107	0.7	2.1363	0.0000	OK
1440 minute summer	BH3	960	183.635	0.329	1.3	3.1419	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J57	48.020	S25	3.1	0.405	0.057	0.0605
1440 minute summer	BASIN 1	1.023	S5	0.9	0.094	0.017	0.6013
1440 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
1440 minute summer	BASIN 2	71.000	BH1	0.5	0.358	0.089	0.1829
1440 minute summer	BASIN 3	1.034	BH2	0.7	0.255	0.009	0.4967
1440 minute summer	BASIN 4	48.022	BH3	1.3	0.286	0.023	0.7181
1440 minute summer	SWALE 1	1.025	S6	0.9	0.288	0.017	0.1216
1440 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
1440 minute summer	SWALE 3	1.033	BASIN 3	2.9	0.501	0.042	0.2499
1440 minute summer	BH1	Infiltration		0.1			
1440 minute summer	BH2	Infiltration		0.2			
1440 minute summer	BH3	Infiltration		0.2			

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S1	540	188.378	0.008	0.1	0.0103	0.0000	OK
1440 minute winter	S2	660	187.076	0.037	1.6	0.0540	0.0000	OK
1440 minute winter	S3	840	186.254	0.042	2.4	0.0544	0.0000	OK
1440 minute winter	S4	960	185.554	0.176	4.0	0.2087	0.0000	OK
1440 minute winter	S5	960	185.554	0.574	1.0	0.6488	0.0000	SURCHARGED
1440 minute winter	S6	990	184.874	0.029	1.0	0.0333	0.0000	OK
1440 minute winter	S7	30	184.779	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	S8	30	184.390	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	S9	750	184.208	0.008	0.0	0.0093	0.0000	OK
1440 minute winter	S10	750	184.208	0.024	2.4	0.0370	0.0000	OK
1440 minute winter	S11	630	186.413	0.013	0.2	0.0205	0.0000	OK
1440 minute winter	S12	750	186.196	0.020	0.5	0.0227	0.0000	OK
1440 minute winter	S13	750	186.052	0.018	1.0	0.0262	0.0000	OK
1440 minute winter	S14	750	185.279	0.029	1.3	0.0454	0.0000	OK
1440 minute winter	S15	750	184.888	0.021	1.7	0.0296	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	S1	1.000	J1	0.1	0.279	0.011	0.0036
1440 minute winter	S2	1.012	J12	1.6	0.421	0.054	0.0057
1440 minute winter	S3	1.019	J18	2.4	0.664	0.078	0.0189
1440 minute winter	S4	1.022	BASIN 1	4.0	0.698	0.024	0.9472
1440 minute winter	S5	1.024	SWALE 1	1.0	0.300	0.019	0.0705
1440 minute winter	S6	1.026	BASIN 2	1.0	0.346	0.019	0.0174
1440 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
1440 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0031
1440 minute winter	S9	1.031	S10	0.0	-0.008	0.000	0.0106
1440 minute winter	S10	1.032	SWALE 3	2.4	0.616	0.013	0.0173
1440 minute winter	S11	32.000	J28	0.2	0.309	0.034	0.0030
1440 minute winter	S12	32.003	J30	0.5	0.330	0.037	0.0077
1440 minute winter	S13	32.007	J33	1.0	0.819	0.031	0.0159
1440 minute winter	S14	32.009	J34	1.3	0.563	0.075	0.0121
1440 minute winter	S15	32.013	J37	1.7	0.570	0.018	0.0285

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S16	750	184.575	0.018	1.9	0.0228	0.0000	OK
1440 minute winter	S17	870	186.009	0.009	0.1	0.0103	0.0000	OK
1440 minute winter	S18	840	185.686	0.025	0.7	0.0356	0.0000	OK
1440 minute winter	S19	960	185.554	0.063	1.2	0.0859	0.0000	OK
1440 minute winter	S20	570	184.651	0.009	0.1	0.0112	0.0000	OK
1440 minute winter	S21	870	184.475	0.016	0.3	0.0186	0.0000	OK
1440 minute winter	S22	840	184.313	0.027	0.8	0.0327	0.0000	OK
1440 minute winter	S23	840	184.191	0.033	1.1	0.0385	0.0000	OK
1440 minute winter	S24	780	184.023	0.046	2.4	0.0672	0.0000	OK
1440 minute winter	S25	720	183.971	0.045	2.6	0.0506	0.0000	OK
1440 minute winter	S26	870	185.385	0.008	0.1	0.0092	0.0000	OK
1440 minute winter	FC1	930	188.272	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC2	600	188.172	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC3	570	188.222	0.022	0.1	0.0319	0.0000	OK
1440 minute winter	FC4	810	188.222	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	S16	32.015	J38	1.9	0.637	0.013	0.0072
1440 minute winter	S17	23.001	J20	0.1	0.219	0.017	0.0033
1440 minute winter	S18	23.006	J24	0.7	0.357	0.051	0.0036
1440 minute winter	S19	23.010	J27	1.2	0.347	0.040	0.1087
1440 minute winter	S20	48.001	J41	0.1	0.283	0.017	0.0016
1440 minute winter	S21	48.004	J43	0.3	0.391	0.051	0.0039
1440 minute winter	S22	48.008	J46	0.8	0.374	0.060	0.0053
1440 minute winter	S23	48.011	J48	1.1	0.324	0.036	0.0038
1440 minute winter	S24	48.018	J56	2.4	0.356	0.045	0.0287
1440 minute winter	S25	48.021	BASIN 4	2.6	0.447	0.047	0.0186
1440 minute winter	S26	65.001	J54	0.1	0.370	0.011	0.0023
1440 minute winter	FC1	2.000	J1	0.1	0.216	0.016	0.0022
1440 minute winter	FC2	3.000	J2	0.1	0.149	0.017	0.0032
1440 minute winter	FC3	4.000	J3	0.1	0.299	0.016	0.0031
1440 minute winter	FC4	5.000	J4	0.1	0.335	0.013	0.0022

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC5	600	188.022	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC6	870	187.872	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC7	630	187.772	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC8	840	187.772	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC9	720	187.492	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC10	990	187.492	0.022	0.1	0.0310	0.0000	OK
1440 minute winter	FC11	840	187.342	0.022	0.1	0.0288	0.0000	OK
1440 minute winter	FC12	780	187.252	0.022	0.1	0.0288	0.0000	OK
1440 minute winter	FC13	780	187.022	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC14	780	186.922	0.022	0.1	0.2814	0.0000	OK
1440 minute winter	FC15	660	187.222	0.022	0.1	0.0283	0.0000	OK
1440 minute winter	FC16	870	186.922	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC17	870	187.022	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC18	810	186.572	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC19	570	186.422	0.022	0.1	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC5	6.000	J5	0.1	0.282	0.017	0.0015
1440 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020
1440 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023
1440 minute winter	FC8	9.000	J8	0.1	0.396	0.010	0.0011
1440 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025
1440 minute winter	FC10	11.000	J10	0.1	0.306	0.015	0.0020
1440 minute winter	FC11	12.000	J11	0.1	0.283	0.017	0.0027
1440 minute winter	FC12	13.000	S2	0.1	0.283	0.017	0.0024
1440 minute winter	FC13	14.000	J12	0.1	0.283	0.017	0.0024
1440 minute winter	FC14	15.000	J13	0.1	0.284	0.017	0.0027
1440 minute winter	FC15	16.000	J14	0.1	0.592	0.006	0.0008
1440 minute winter	FC16	17.000	J15	0.1	0.301	0.015	0.0025
1440 minute winter	FC17	18.000	J16	0.1	0.473	0.008	0.0010
1440 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025
1440 minute winter	FC19	20.000	S3	0.1	0.282	0.017	0.0023

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC20	600	186.972	0.022	0.1	0.0292	0.0000	OK
1440 minute winter	FC21	600	186.322	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC22	870	186.472	0.022	0.1	0.2126	0.0000	OK
1440 minute winter	FC23	690	186.322	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC24	600	186.322	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC25	600	186.572	0.022	0.1	0.0292	0.0000	OK
1440 minute winter	FC26	840	186.472	0.022	0.1	0.2224	0.0000	OK
1440 minute winter	FC27	660	186.522	0.022	0.1	0.0283	0.0000	OK
1440 minute winter	FC28	600	186.522	0.022	0.1	0.0292	0.0000	OK
1440 minute winter	FC29	570	186.522	0.022	0.1	0.0297	0.0000	OK
1440 minute winter	FC30	690	186.772	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC31	870	186.472	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC32	780	186.472	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC33	780	186.472	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC34	930	186.472	0.022	0.1	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC20	21.000	J18	0.1	0.560	0.006	0.0008
1440 minute winter	FC21	22.000	J19	0.1	0.283	0.017	0.0027
1440 minute winter	FC22	23.000	S17	0.1	0.402	0.005	0.0012
1440 minute winter	FC23	24.000	J20	0.1	0.295	0.016	0.0016
1440 minute winter	FC24	25.000	J21	0.1	0.330	0.013	0.0014
1440 minute winter	FC25	26.000	J22	0.1	0.555	0.006	0.0009
1440 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009
1440 minute winter	FC27	28.000	J24	0.1	0.611	0.005	0.0007
1440 minute winter	FC28	29.000	J25	0.1	0.559	0.006	0.0008
1440 minute winter	FC29	30.000	J26	0.1	0.543	0.007	0.0009
1440 minute winter	FC30	31.000	J27	0.1	0.522	0.007	0.0008
1440 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0022
1440 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0024
1440 minute winter	FC33	35.000	S12	0.1	0.514	0.007	0.0008
1440 minute winter	FC34	36.000	J30	0.1	0.291	0.016	0.0016

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC35	690	186.472	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC36	570	186.472	0.022	0.1	0.0297	0.0000	OK
1440 minute winter	FC37	840	185.822	0.022	0.1	0.0306	0.0000	OK
1440 minute winter	FC38	750	185.472	0.022	0.1	0.2647	0.0000	OK
1440 minute winter	FC39	750	185.472	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC40	600	185.522	0.022	0.1	0.0291	0.0000	OK
1440 minute winter	FC41	870	184.872	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC42	570	184.622	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC43	600	184.622	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC44	630	184.607	0.007	0.1	0.0089	0.0000	OK
1440 minute winter	FC45	30	184.600	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	FC46	960	184.722	0.022	0.1	0.0310	0.0000	OK
1440 minute winter	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	FC48	750	184.822	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC49	750	184.822	0.022	0.1	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC35	37.000	J31	0.1	0.516	0.007	0.0010
1440 minute winter	FC36	38.000	J32	0.1	0.554	0.006	0.0009
1440 minute winter	FC37	39.000	J33	0.1	0.373	0.011	0.0018
1440 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010
1440 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009
1440 minute winter	FC40	42.000	J36	0.1	0.634	0.005	0.0008
1440 minute winter	FC41	43.000	J37	0.1	0.418	0.010	0.0012
1440 minute winter	FC42	44.000	J38	0.1	0.365	0.012	0.0014
1440 minute winter	FC43	45.000	J39	0.1	0.426	0.009	0.0010
1440 minute winter	FC44	46.000	J40	0.1	0.438	0.009	0.0010
1440 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
1440 minute winter	FC46	48.000	S20	0.1	0.282	0.017	0.0021
1440 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0009
1440 minute winter	FC48	50.000	J42	0.1	0.272	0.007	0.0019
1440 minute winter	FC49	51.000	S21	0.1	0.282	0.017	0.0015

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC50	900	184.822	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC51	720	184.872	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC52	960	185.272	0.022	0.1	0.0302	0.0000	OK
1440 minute winter	FC53	600	185.272	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC54	870	185.272	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC55	720	185.272	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC56	600	185.372	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC57	780	185.372	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC58	750	185.372	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC59	750	185.372	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC60	900	185.372	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC61	930	185.322	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC62	960	185.272	0.022	0.1	0.0315	0.0000	OK
1440 minute winter	FC63	870	185.422	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC64	930	185.022	0.022	0.1	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC50	52.000	J43	0.1	0.282	0.017	0.0017
1440 minute winter	FC51	55.000	S22	0.1	0.283	0.017	0.0022
1440 minute winter	FC52	58.000	S23	0.1	0.407	0.010	0.0013
1440 minute winter	FC53	61.000	J50	0.1	0.384	0.011	0.0011
1440 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009
1440 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008
1440 minute winter	FC56	53.000	J44	0.1	0.547	0.006	0.0012
1440 minute winter	FC57	54.000	J45	0.1	0.514	0.007	0.0013
1440 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013
1440 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014
1440 minute winter	FC60	59.000	J48	0.1	0.455	0.008	0.0015
1440 minute winter	FC61	60.000	J49	0.1	0.366	0.012	0.0020
1440 minute winter	FC62	63.000	J52	0.1	0.338	0.013	0.0028
1440 minute winter	FC63	65.000	S26	0.1	0.312	0.017	0.0008
1440 minute winter	FC64	66.000	J54	0.1	0.279	0.017	0.0010

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC65	600	185.172	0.022	0.1	0.0291	0.0000	OK
1440 minute winter	FC66	660	185.022	0.022	0.1	0.0293	0.0000	OK
1440 minute winter	FC67	840	184.822	0.022	0.1	0.2271	0.0000	OK
1440 minute winter	FC68	870	184.572	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	J1	810	188.213	0.013	0.3	0.0176	0.0000	OK
1440 minute winter	J2	810	188.125	0.019	0.4	0.0217	0.0000	OK
1440 minute winter	J3	630	188.066	0.020	0.5	0.0229	0.0000	OK
1440 minute winter	J4	630	188.049	0.014	0.6	0.0163	0.0000	OK
1440 minute winter	J5	690	187.924	0.014	0.7	0.0160	0.0000	OK
1440 minute winter	J6	690	187.668	0.018	0.8	0.0202	0.0000	OK
1440 minute winter	J7	690	187.626	0.026	0.9	0.0298	0.0000	OK
1440 minute winter	J8	690	187.612	0.019	1.0	0.0216	0.0000	OK
1440 minute winter	J9	750	187.302	0.027	1.1	0.0306	0.0000	OK
1440 minute winter	J10	780	187.286	0.016	1.2	0.0176	0.0000	OK
1440 minute winter	J11	750	187.143	0.022	1.3	0.0251	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC65	67.000	J55	0.1	0.286	0.005	0.0010
1440 minute winter	FC66	68.000	S24	0.1	0.320	0.014	0.0007
1440 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008
1440 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006
1440 minute winter	J1	1.001	J2	0.3	0.373	0.036	0.0041
1440 minute winter	J2	1.002	J3	0.4	0.406	0.068	0.0010
1440 minute winter	J3	1.003	J4	0.5	0.469	0.038	0.0022
1440 minute winter	J4	1.004	J5	0.6	0.708	0.018	0.0030
1440 minute winter	J5	1.005	J6	0.7	0.707	0.018	0.0057
1440 minute winter	J6	1.006	J7	0.8	0.497	0.028	0.0032
1440 minute winter	J7	1.007	J8	0.9	0.538	0.065	0.0019
1440 minute winter	J8	1.008	J9	1.0	0.780	0.033	0.0109
1440 minute winter	J9	1.009	J10	1.1	0.600	0.034	0.0023
1440 minute winter	J10	1.010	J11	1.2	0.764	0.009	0.0039
1440 minute winter	J11	1.011	S2	1.3	0.439	0.020	0.0167

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J12	690	186.834	0.025	1.7	0.0280	0.0000	OK
1440 minute winter	J13	660	186.744	0.042	1.8	0.0473	0.0000	OK
1440 minute winter	J14	840	186.737	0.042	1.9	0.0470	0.0000	OK
1440 minute winter	J15	840	186.727	0.039	2.0	0.0441	0.0000	OK
1440 minute winter	J16	780	186.701	0.031	2.1	0.0347	0.0000	OK
1440 minute winter	J17	690	186.377	0.019	2.2	0.0219	0.0000	OK
1440 minute winter	J18	840	186.218	0.024	2.5	0.0275	0.0000	OK
1440 minute winter	J19	660	186.072	0.045	2.6	0.0508	0.0000	OK
1440 minute winter	J20	870	185.944	0.013	0.2	0.0143	0.0000	OK
1440 minute winter	J21	870	185.910	0.015	0.3	0.0173	0.0000	OK
1440 minute winter	J22	870	185.836	0.018	0.4	0.0204	0.0000	OK
1440 minute winter	J23	870	185.803	0.020	0.5	0.0227	0.0000	OK
1440 minute winter	J24	840	185.676	0.026	0.8	0.0289	0.0000	OK
1440 minute winter	J25	840	185.642	0.027	0.9	0.0310	0.0000	OK
1440 minute winter	J26	840	185.616	0.029	1.0	0.0330	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J12	1.013	J13	1.7	0.468	0.025	0.0240
1440 minute winter	J13	1.014	J14	1.8	0.357	0.057	0.0096
1440 minute winter	J14	1.015	J15	1.9	0.396	0.061	0.0092
1440 minute winter	J15	1.016	J16	2.0	0.514	0.065	0.0200
1440 minute winter	J16	1.017	J17	2.1	0.682	0.035	0.0104
1440 minute winter	J17	1.018	S3	2.2	0.682	0.015	0.0063
1440 minute winter	J18	1.020	J19	2.5	1.180	0.019	0.0032
1440 minute winter	J19	1.021	S4	2.6	0.445	0.047	0.0257
1440 minute winter	J20	23.002	J21	0.2	0.302	0.034	0.0025
1440 minute winter	J21	23.003	J22	0.3	0.350	0.051	0.0069
1440 minute winter	J22	23.004	J23	0.4	0.385	0.067	0.0037
1440 minute winter	J23	23.005	S18	0.5	0.455	0.085	0.0083
1440 minute winter	J24	23.007	J25	0.8	0.384	0.060	0.0129
1440 minute winter	J25	23.008	J26	0.9	0.392	0.068	0.0114
1440 minute winter	J26	23.009	S19	1.0	0.431	0.075	0.0086

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J27	960	185.554	0.093	1.3	0.1048	0.0000	OK
1440 minute winter	J28	750	186.371	0.015	0.3	0.0173	0.0000	OK
1440 minute winter	J29	750	186.289	0.018	0.4	0.0205	0.0000	OK
1440 minute winter	J30	870	186.169	0.022	0.6	0.0252	0.0000	OK
1440 minute winter	J31	750	186.142	0.023	0.7	0.0265	0.0000	OK
1440 minute winter	J32	870	186.090	0.026	0.8	0.0293	0.0000	OK
1440 minute winter	J33	750	185.628	0.018	1.1	0.0206	0.0000	OK
1440 minute winter	J34	750	185.156	0.031	1.4	0.0346	0.0000	OK
1440 minute winter	J35	750	185.095	0.020	1.5	0.0230	0.0000	OK
1440 minute winter	J36	750	184.908	0.033	1.6	0.0378	0.0000	OK
1440 minute winter	J37	750	184.612	0.037	1.8	0.0416	0.0000	OK
1440 minute winter	J38	750	184.415	0.040	2.0	0.0453	0.0000	OK
1440 minute winter	J39	750	184.379	0.041	2.1	0.0464	0.0000	OK
1440 minute winter	J40	750	184.361	0.036	2.2	0.0402	0.0000	OK
1440 minute winter	J41	510	184.606	0.009	0.1	0.0104	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J27	23.011	S4	1.3	0.397	0.044	0.0389
1440 minute winter	J28	32.001	J29	0.3	0.350	0.051	0.0076
1440 minute winter	J29	32.002	S12	0.4	0.424	0.067	0.0044
1440 minute winter	J30	32.004	J31	0.6	0.356	0.045	0.0084
1440 minute winter	J31	32.005	J32	0.7	0.372	0.053	0.0184
1440 minute winter	J32	32.006	S13	0.8	0.511	0.060	0.0086
1440 minute winter	J33	32.008	S14	1.1	0.623	0.031	0.0163
1440 minute winter	J34	32.010	J35	1.4	0.568	0.036	0.0225
1440 minute winter	J35	32.011	J36	1.5	0.562	0.017	0.0187
1440 minute winter	J36	32.012	S15	1.6	0.586	0.053	0.0066
1440 minute winter	J37	32.014	S16	1.8	0.656	0.059	0.0147
1440 minute winter	J38	32.016	J39	2.0	0.413	0.066	0.0524
1440 minute winter	J39	32.017	J40	2.1	0.471	0.068	0.0163
1440 minute winter	J40	32.018	S10	2.2	0.563	0.051	0.0374
1440 minute winter	J41	48.002	J42	0.1	0.282	0.017	0.0029

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J42	900	184.550	0.013	0.2	0.0143	0.0000	OK
1440 minute winter	J43	600	184.379	0.019	0.4	0.0213	0.0000	OK
1440 minute winter	J44	930	184.370	0.020	0.5	0.0224	0.0000	OK
1440 minute winter	J45	900	184.323	0.023	0.6	0.0260	0.0000	OK
1440 minute winter	J46	690	184.300	0.028	0.9	0.0312	0.0000	OK
1440 minute winter	J47	720	184.278	0.030	1.0	0.0334	0.0000	OK
1440 minute winter	J48	870	184.185	0.031	1.2	0.0349	0.0000	OK
1440 minute winter	J49	660	184.165	0.036	1.3	0.0410	0.0000	OK
1440 minute winter	J50	780	184.160	0.035	1.4	0.0393	0.0000	OK
1440 minute winter	J51	660	184.147	0.039	1.5	0.0439	0.0000	OK
1440 minute winter	J52	660	184.141	0.037	1.6	0.0417	0.0000	OK
1440 minute winter	J53	810	184.124	0.037	1.7	0.0422	0.0000	OK
1440 minute winter	J54	780	184.992	0.013	0.2	0.0143	0.0000	OK
1440 minute winter	J55	750	184.960	0.016	0.3	0.0176	0.0000	OK
1440 minute winter	J56	720	184.012	0.045	2.5	0.0512	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J42	48.003	S21	0.2	0.297	0.034	0.0055
1440 minute winter	J43	48.005	J44	0.4	0.303	0.029	0.0021
1440 minute winter	J44	48.006	J45	0.5	0.326	0.037	0.0135
1440 minute winter	J45	48.007	S22	0.6	0.334	0.044	0.0045
1440 minute winter	J46	48.009	J47	0.9	0.387	0.067	0.0098
1440 minute winter	J47	48.010	S23	1.0	0.428	0.075	0.0062
1440 minute winter	J48	48.012	J49	1.2	0.326	0.040	0.0275
1440 minute winter	J49	48.013	J50	1.3	0.325	0.042	0.0045
1440 minute winter	J50	48.014	J51	1.4	0.333	0.047	0.0214
1440 minute winter	J51	48.015	J52	1.5	0.342	0.049	0.0050
1440 minute winter	J52	48.016	J53	1.6	0.375	0.052	0.0208
1440 minute winter	J53	48.017	S24	1.7	0.433	0.056	0.0403
1440 minute winter	J54	65.002	J55	0.2	0.298	0.034	0.0024
1440 minute winter	J55	65.003	S24	0.3	0.392	0.051	0.0060
1440 minute winter	J56	48.019	J57	2.5	0.368	0.046	0.0617

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Results for 2 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J57	720	183.992	0.047	2.6	0.0526	0.0000	OK
1440 minute winter	BASIN 1	960	185.554	0.554	4.0	67.1563	0.0000	SURCHARGED
1440 minute winter	BASIN 2	1680	184.806	0.506	1.0	50.3628	0.0000	OK
1440 minute winter	BASIN 3	1110	183.175	0.075	2.4	52.0846	0.0000	OK
1440 minute winter	BASIN 4	1020	183.721	0.391	2.6	52.5598	0.0000	SURCHARGED
1440 minute winter	SWALE 1	990	184.961	0.029	1.0	0.0326	0.0000	OK
1440 minute winter	SWALE 2	30	184.450	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	SWALE 3	750	184.109	0.039	2.4	0.0436	0.0000	OK
1440 minute winter	BH1	1680	184.806	0.729	0.4	2.9145	0.0000	OK
1440 minute winter	BH2	1110	183.175	0.123	0.7	2.2163	0.0000	OK
1440 minute winter	BH3	1020	183.721	0.415	1.1	3.5410	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J57	48.020	S25	2.6	0.386	0.048	0.0533
1440 minute winter	BASIN 1	1.023	S5	1.0	0.094	0.020	0.6013
1440 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
1440 minute winter	BASIN 2	71.000	BH1	0.4	0.345	0.069	0.1829
1440 minute winter	BASIN 3	1.034	BH2	0.7	0.199	0.008	0.6339
1440 minute winter	BASIN 4	48.022	BH3	1.1	0.195	0.020	0.7181
1440 minute winter	SWALE 1	1.025	S6	1.0	0.298	0.020	0.1318
1440 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
1440 minute winter	SWALE 3	1.033	BASIN 3	2.4	0.478	0.035	0.2171
1440 minute winter	BH1	Infiltration		0.1			
1440 minute winter	BH2	Infiltration		0.2			
1440 minute winter	BH3	Infiltration		0.2			

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S1	10	188.412	0.042	3.3	0.0572	0.0000	OK
15 minute summer	S2	12	187.173	0.134	18.6	0.1971	0.0000	OK
15 minute summer	S3	12	186.352	0.140	25.6	0.1816	0.0000	OK
15 minute summer	S4	11	185.496	0.118	43.9	0.1407	0.0000	OK
15 minute summer	S5	70	185.379	0.399	2.8	0.4512	0.0000	SURCHARGED
15 minute summer	S6	73	184.871	0.027	0.9	0.0305	0.0000	OK
15 minute summer	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S9	12	184.306	0.105	1.3	0.1193	0.0000	OK
15 minute summer	S10	12	184.305	0.121	37.5	0.1850	0.0000	OK
15 minute summer	S11	12	186.585	0.184	7.5	0.3008	0.0000	SURCHARGED
15 minute summer	S12	13	186.274	0.098	7.8	0.1106	0.0000	OK
15 minute summer	S13	11	186.106	0.072	13.5	0.1024	0.0000	OK
15 minute summer	S14	11	185.439	0.189	20.7	0.2961	0.0000	SURCHARGED
15 minute summer	S15	11	184.952	0.085	25.7	0.1182	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	S1	1.000	J1	3.3	0.654	0.373	0.0437
15 minute summer	S2	1.012	J12	18.6	0.836	0.624	0.0333
15 minute summer	S3	1.019	J18	25.5	1.217	0.834	0.1074
15 minute summer	S4	1.022	BASIN 1	44.1	2.503	0.263	0.6699
15 minute summer	S5	1.024	SWALE 1	0.9	0.314	0.016	0.0615
15 minute summer	S6	1.026	BASIN 2	0.9	0.330	0.016	0.0150
15 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
15 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.1327
15 minute summer	S9	1.031	S10	-1.3	-0.188	-0.024	0.1629
15 minute summer	S10	1.032	SWALE 3	37.4	1.200	0.207	0.1410
15 minute summer	S11	32.000	J28	6.5	0.835	1.098	0.0355
15 minute summer	S12	32.003	J30	7.8	0.628	0.584	0.0634
15 minute summer	S13	32.007	J33	13.4	1.703	0.416	0.1026
15 minute summer	S14	32.009	J34	20.3	1.160	1.173	0.0886
15 minute summer	S15	32.013	J37	25.6	1.291	0.277	0.1852

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S16	11	184.649	0.092	28.4	0.1164	0.0000	OK
15 minute summer	S17	18	186.015	0.015	0.3	0.0169	0.0000	OK
15 minute summer	S18	11	185.767	0.106	7.9	0.1491	0.0000	OK
15 minute summer	S19	11	185.618	0.127	15.4	0.1736	0.0000	OK
15 minute summer	S20	11	184.687	0.045	2.2	0.0547	0.0000	OK
15 minute summer	S21	12	184.531	0.071	4.5	0.0847	0.0000	OK
15 minute summer	S22	12	184.403	0.117	9.0	0.1424	0.0000	OK
15 minute summer	S23	13	184.292	0.134	12.0	0.1578	0.0000	OK
15 minute summer	S24	12	184.148	0.171	25.5	0.2487	0.0000	OK
15 minute summer	S25	13	184.072	0.146	25.8	0.1646	0.0000	OK
15 minute summer	S26	11	185.408	0.031	1.7	0.0372	0.0000	OK
15 minute summer	FC1	15	188.872	0.622	3.0	0.8543	0.0000	SURCHARGED
15 minute summer	FC2	15	188.772	0.622	3.0	0.8635	0.0000	SURCHARGED
15 minute summer	FC3	16	188.845	0.645	4.8	1.5432	0.0000	SURCHARGED
15 minute summer	FC4	14	188.714	0.514	2.4	0.6640	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	S16	32.015	J38	28.5	1.079	0.194	0.0604
15 minute summer	S17	23.001	J20	0.3	0.325	0.048	0.0093
15 minute summer	S18	23.006	J24	7.8	0.618	0.571	0.0236
15 minute summer	S19	23.010	J27	15.3	0.680	0.512	0.2007
15 minute summer	S20	48.001	J41	2.2	0.649	0.365	0.0156
15 minute summer	S21	48.004	J43	4.5	0.791	0.762	0.0290
15 minute summer	S22	48.008	J46	9.0	0.621	0.667	0.0352
15 minute summer	S23	48.011	J48	11.9	0.522	0.385	0.0270
15 minute summer	S24	48.018	J56	25.4	0.630	0.475	0.1712
15 minute summer	S25	48.021	BASIN 4	25.9	0.850	0.470	0.0975
15 minute summer	S26	65.001	J54	1.7	0.844	0.193	0.0171
15 minute summer	FC1	2.000	J1	1.1	0.547	0.174	0.0267
15 minute summer	FC2	3.000	J2	1.4	0.341	0.238	0.0317
15 minute summer	FC3	4.000	J3	0.8	0.548	0.125	0.0167
15 minute summer	FC4	5.000	J4	0.7	0.597	0.093	0.0087

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC5	15	188.621	0.621	3.0	0.8521	0.0000	SURCHARGED
15 minute summer	FC6	14	188.364	0.514	2.4	0.6635	0.0000	SURCHARGED
15 minute summer	FC7	14	188.265	0.514	2.4	0.6642	0.0000	SURCHARGED
15 minute summer	FC8	15	188.371	0.621	3.0	0.8501	0.0000	SURCHARGED
15 minute summer	FC9	14	187.985	0.515	2.4	0.6649	0.0000	SURCHARGED
15 minute summer	FC10	16	188.110	0.640	4.2	1.3029	0.0000	SURCHARGED
15 minute summer	FC11	14	187.896	0.576	2.7	0.7554	0.0000	SURCHARGED
15 minute summer	FC12	14	187.806	0.576	2.7	0.7555	0.0000	SURCHARGED
15 minute summer	FC13	15	187.622	0.622	3.0	0.8519	0.0000	SURCHARGED
15 minute summer	FC14	17	186.988	0.088	3.0	1.1311	0.0000	OK
15 minute summer	FC15	14	187.713	0.513	2.4	0.6621	0.0000	SURCHARGED
15 minute summer	FC16	14	187.415	0.515	2.4	0.6646	0.0000	SURCHARGED
15 minute summer	FC17	14	187.513	0.513	2.4	0.6627	0.0000	SURCHARGED
15 minute summer	FC18	14	187.065	0.515	2.4	0.6649	0.0000	SURCHARGED
15 minute summer	FC19	15	187.022	0.622	3.0	0.8519	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC5	6.000	J5	0.8	0.509	0.132	0.0064
15 minute summer	FC6	7.000	J6	0.7	0.655	0.082	0.0126
15 minute summer	FC7	8.000	J7	0.7	0.561	0.100	0.0172
15 minute summer	FC8	9.000	J8	0.8	0.725	0.081	0.0045
15 minute summer	FC9	10.000	J9	0.7	0.502	0.119	0.0102
15 minute summer	FC10	11.000	J10	0.8	0.559	0.120	0.0089
15 minute summer	FC11	12.000	J11	0.7	0.509	0.127	0.0114
15 minute summer	FC12	13.000	S2	0.7	0.508	0.127	0.0102
15 minute summer	FC13	14.000	J12	0.8	0.515	0.132	0.0104
15 minute summer	FC14	15.000	J13	0.3	0.382	0.046	0.0124
15 minute summer	FC15	16.000	J14	0.7	1.064	0.041	0.0053
15 minute summer	FC16	17.000	J15	0.7	0.534	0.109	0.0101
15 minute summer	FC17	18.000	J16	0.7	0.848	0.057	0.0040
15 minute summer	FC18	19.000	J17	0.7	0.500	0.120	0.0099
15 minute summer	FC19	20.000	S3	0.8	0.513	0.132	0.0101

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC20	15	187.571	0.621	3.0	0.8488	0.0000	SURCHARGED
15 minute summer	FC21	15	186.921	0.621	3.0	0.8520	0.0000	SURCHARGED
15 minute summer	FC22	17	186.541	0.091	2.4	0.8839	0.0000	OK
15 minute summer	FC23	14	186.815	0.515	2.4	0.6648	0.0000	SURCHARGED
15 minute summer	FC24	15	186.921	0.621	3.0	0.8511	0.0000	SURCHARGED
15 minute summer	FC25	15	187.171	0.621	3.0	0.8488	0.0000	SURCHARGED
15 minute summer	FC26	17	186.538	0.088	2.4	0.8874	0.0000	OK
15 minute summer	FC27	14	187.013	0.513	2.4	0.6621	0.0000	SURCHARGED
15 minute summer	FC28	15	187.121	0.621	3.0	0.8488	0.0000	SURCHARGED
15 minute summer	FC29	15	187.127	0.627	3.3	0.9567	0.0000	SURCHARGED
15 minute summer	FC30	15	187.371	0.621	3.0	0.8490	0.0000	SURCHARGED
15 minute summer	FC31	14	186.969	0.519	2.4	0.6705	0.0000	SURCHARGED
15 minute summer	FC32	14	186.963	0.513	2.4	0.6626	0.0000	SURCHARGED
15 minute summer	FC33	15	187.071	0.621	3.0	0.8489	0.0000	SURCHARGED
15 minute summer	FC34	15	187.072	0.622	3.0	0.8519	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC20	21.000	J18	0.8	1.038	0.049	0.0033
15 minute summer	FC21	22.000	J19	0.8	0.514	0.132	0.0116
15 minute summer	FC22	23.000	S17	0.3	0.726	0.015	0.0025
15 minute summer	FC23	24.000	J20	0.7	0.519	0.112	0.0062
15 minute summer	FC24	25.000	J21	0.8	0.600	0.105	0.0060
15 minute summer	FC25	26.000	J22	0.8	1.030	0.050	0.0036
15 minute summer	FC26	27.000	J23	0.3	0.671	0.021	0.0019
15 minute summer	FC27	28.000	J24	0.7	1.103	0.039	0.0029
15 minute summer	FC28	29.000	J25	0.8	1.036	0.049	0.0033
15 minute summer	FC29	30.000	J26	0.8	1.009	0.051	0.0037
15 minute summer	FC30	31.000	J27	0.8	0.966	0.054	0.0036
15 minute summer	FC31	33.000	J28	1.4	0.535	0.159	0.0292
15 minute summer	FC32	34.000	J29	0.7	0.408	0.056	0.0180
15 minute summer	FC33	35.000	S12	0.8	0.943	0.055	0.0093
15 minute summer	FC34	36.000	J30	0.8	0.527	0.126	0.0071

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC35	15	187.071	0.621	3.0	0.8489	0.0000	SURCHARGED
15 minute summer	FC36	15	187.077	0.626	3.3	0.9566	0.0000	SURCHARGED
15 minute summer	FC37	15	186.437	0.637	3.9	1.1960	0.0000	SURCHARGED
15 minute summer	FC38	17	185.525	0.075	2.4	0.9021	0.0000	OK
15 minute summer	FC39	14	185.963	0.513	2.4	0.6625	0.0000	SURCHARGED
15 minute summer	FC40	15	186.076	0.576	3.0	0.8531	0.0000	SURCHARGED
15 minute summer	FC41	15	185.471	0.621	3.0	0.8498	0.0000	SURCHARGED
15 minute summer	FC42	15	185.221	0.621	3.0	0.8504	0.0000	SURCHARGED
15 minute summer	FC43	15	185.220	0.620	3.0	0.8499	0.0000	SURCHARGED
15 minute summer	FC44	10	184.633	0.033	2.4	0.0431	0.0000	OK
15 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	FC46	16	185.340	0.640	4.2	1.3044	0.0000	SURCHARGED
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute summer	FC48	15	185.421	0.621	3.0	0.8490	0.0000	SURCHARGED
15 minute summer	FC49	15	185.422	0.621	3.0	0.8521	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC35	37.000	J31	0.8	0.943	0.055	0.0123
15 minute summer	FC36	38.000	J32	0.8	1.022	0.050	0.0109
15 minute summer	FC37	39.000	J33	0.8	0.688	0.090	0.0076
15 minute summer	FC38	40.000	J34	0.3	0.628	0.020	0.0019
15 minute summer	FC39	41.000	J35	0.7	0.937	0.049	0.0034
15 minute summer	FC40	42.000	J36	0.8	1.166	0.040	0.0033
15 minute summer	FC41	43.000	J37	0.8	0.768	0.075	0.0051
15 minute summer	FC42	44.000	J38	0.8	0.668	0.091	0.0186
15 minute summer	FC43	45.000	J39	0.8	0.781	0.073	0.0134
15 minute summer	FC44	46.000	J40	2.4	1.086	0.212	0.0096
15 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
15 minute summer	FC46	48.000	S20	0.8	0.503	0.133	0.0146
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0088
15 minute summer	FC48	50.000	J42	0.8	0.710	0.056	0.0115
15 minute summer	FC49	51.000	S21	0.8	0.510	0.132	0.0067

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC50	15	185.422	0.622	3.0	0.8520	0.0000	SURCHARGED
15 minute summer	FC51	15	185.471	0.621	3.0	0.8520	0.0000	SURCHARGED
15 minute summer	FC52	15	185.881	0.631	3.6	1.0658	0.0000	SURCHARGED
15 minute summer	FC53	15	185.871	0.621	3.0	0.8502	0.0000	SURCHARGED
15 minute summer	FC54	14	185.764	0.514	2.4	0.6631	0.0000	SURCHARGED
15 minute summer	FC55	14	185.763	0.513	2.4	0.6624	0.0000	SURCHARGED
15 minute summer	FC56	15	185.971	0.621	3.0	0.8488	0.0000	SURCHARGED
15 minute summer	FC57	15	185.971	0.621	3.0	0.8490	0.0000	SURCHARGED
15 minute summer	FC58	14	185.863	0.513	2.4	0.6626	0.0000	SURCHARGED
15 minute summer	FC59	14	185.863	0.513	2.4	0.6628	0.0000	SURCHARGED
15 minute summer	FC60	15	185.971	0.621	3.0	0.8494	0.0000	SURCHARGED
15 minute summer	FC61	15	185.921	0.621	3.0	0.8504	0.0000	SURCHARGED
15 minute summer	FC62	16	185.893	0.642	4.5	1.4121	0.0000	SURCHARGED
15 minute summer	FC63	14	185.915	0.515	2.4	0.6651	0.0000	SURCHARGED
15 minute summer	FC64	15	185.640	0.640	3.0	0.8515	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC50	52.000	J43	0.8	0.510	0.132	0.0072
15 minute summer	FC51	55.000	S22	0.8	0.513	0.132	0.0094
15 minute summer	FC52	58.000	S23	0.8	0.749	0.078	0.0057
15 minute summer	FC53	61.000	J50	0.8	0.702	0.084	0.0048
15 minute summer	FC54	62.000	J51	0.7	0.757	0.066	0.0037
15 minute summer	FC55	64.000	J53	0.7	0.958	0.048	0.0031
15 minute summer	FC56	53.000	J44	0.8	1.018	0.051	0.0051
15 minute summer	FC57	54.000	J45	0.8	0.954	0.056	0.0053
15 minute summer	FC58	56.000	J46	0.7	0.892	0.053	0.0050
15 minute summer	FC59	57.000	J47	0.7	0.826	0.059	0.0055
15 minute summer	FC60	59.000	J48	0.8	0.841	0.066	0.0062
15 minute summer	FC61	60.000	J49	0.8	0.674	0.091	0.0086
15 minute summer	FC62	63.000	J52	0.8	0.624	0.104	0.0120
15 minute summer	FC63	65.000	S26	0.7	0.530	0.120	0.0041
15 minute summer	FC64	66.000	J54	0.8	0.361	0.136	0.0062

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC65	15	185.771	0.621	3.0	0.8484	0.0000	SURCHARGED
15 minute summer	FC66	15	185.622	0.622	3.0	0.8515	0.0000	SURCHARGED
15 minute summer	FC67	17	184.886	0.086	2.4	0.8920	0.0000	OK
15 minute summer	FC68	14	185.064	0.514	2.4	0.6638	0.0000	SURCHARGED
15 minute summer	J1	12	188.295	0.095	6.8	0.1277	0.0000	OK
15 minute summer	J2	12	188.223	0.117	7.1	0.1321	0.0000	SURCHARGED
15 minute summer	J3	12	188.128	0.082	7.8	0.0926	0.0000	OK
15 minute summer	J4	13	188.094	0.059	8.5	0.0667	0.0000	OK
15 minute summer	J5	13	187.961	0.051	9.3	0.0581	0.0000	OK
15 minute summer	J6	13	187.734	0.084	10.0	0.0954	0.0000	OK
15 minute summer	J7	13	187.696	0.096	10.7	0.1089	0.0000	OK
15 minute summer	J8	13	187.662	0.069	11.4	0.0782	0.0000	OK
15 minute summer	J9	13	187.368	0.093	12.1	0.1046	0.0000	OK
15 minute summer	J10	13	187.325	0.055	12.8	0.0621	0.0000	OK
15 minute summer	J11	14	187.202	0.081	13.6	0.0919	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC65	67.000	J55	0.8	0.846	0.042	0.0054
15 minute summer	FC66	68.000	S24	0.8	0.572	0.109	0.0029
15 minute summer	FC67	69.000	J56	0.3	0.371	0.046	0.0015
15 minute summer	FC68	70.000	J57	0.7	0.654	0.079	0.0025
15 minute summer	J1	1.001	J2	6.6	0.866	0.795	0.0389
15 minute summer	J2	1.002	J3	7.1	0.908	1.193	0.0078
15 minute summer	J3	1.003	J4	7.8	0.968	0.590	0.0158
15 minute summer	J4	1.004	J5	8.5	1.455	0.254	0.0208
15 minute summer	J5	1.005	J6	9.3	1.213	0.244	0.0441
15 minute summer	J6	1.006	J7	10.0	0.901	0.351	0.0218
15 minute summer	J7	1.007	J8	10.6	1.070	0.764	0.0112
15 minute summer	J8	1.008	J9	11.4	1.513	0.377	0.0637
15 minute summer	J9	1.009	J10	12.0	1.067	0.361	0.0137
15 minute summer	J10	1.010	J11	12.8	1.321	0.100	0.0249
15 minute summer	J11	1.011	S2	13.6	0.769	0.212	0.0982

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J12	12	186.903	0.094	19.4	0.1062	0.0000	OK
15 minute summer	J13	12	186.864	0.162	19.6	0.1834	0.0000	OK
15 minute summer	J14	12	186.846	0.151	20.2	0.1712	0.0000	OK
15 minute summer	J15	12	186.822	0.134	20.8	0.1515	0.0000	OK
15 minute summer	J16	13	186.779	0.109	21.3	0.1236	0.0000	OK
15 minute summer	J17	13	186.438	0.080	22.0	0.0903	0.0000	OK
15 minute summer	J18	12	186.289	0.095	26.3	0.1078	0.0000	OK
15 minute summer	J19	12	186.176	0.148	26.9	0.1679	0.0000	OK
15 minute summer	J20	16	185.960	0.029	1.0	0.0326	0.0000	OK
15 minute summer	J21	16	185.933	0.038	1.8	0.0425	0.0000	OK
15 minute summer	J22	16	185.869	0.051	2.6	0.0574	0.0000	OK
15 minute summer	J23	17	185.834	0.051	2.8	0.0581	0.0000	OK
15 minute summer	J24	11	185.751	0.100	8.4	0.1137	0.0000	OK
15 minute summer	J25	12	185.721	0.106	9.0	0.1203	0.0000	OK
15 minute summer	J26	12	185.693	0.106	9.7	0.1194	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J12	1.013	J13	19.4	0.836	0.290	0.1498
15 minute summer	J13	1.014	J14	19.5	0.662	0.622	0.0560
15 minute summer	J14	1.015	J15	20.1	0.758	0.644	0.0508
15 minute summer	J15	1.016	J16	20.7	0.945	0.675	0.1121
15 minute summer	J16	1.017	J17	21.3	1.242	0.354	0.0577
15 minute summer	J17	1.018	S3	22.1	1.170	0.152	0.0363
15 minute summer	J18	1.020	J19	26.2	1.953	0.202	0.0203
15 minute summer	J19	1.021	S4	26.8	0.858	0.485	0.1374
15 minute summer	J20	23.002	J21	1.0	0.434	0.167	0.0086
15 minute summer	J21	23.003	J22	1.8	0.530	0.298	0.0267
15 minute summer	J22	23.004	J23	2.5	0.635	0.428	0.0144
15 minute summer	J23	23.005	S18	2.8	0.723	0.479	0.0294
15 minute summer	J24	23.007	J25	8.4	0.651	0.628	0.0797
15 minute summer	J25	23.008	J26	8.9	0.677	0.673	0.0661
15 minute summer	J26	23.009	S19	9.8	0.796	0.733	0.0454

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J27	11	185.583	0.122	16.0	0.1384	0.0000	OK
15 minute summer	J28	12	186.520	0.164	6.7	0.1853	0.0000	SURCHARGED
15 minute summer	J29	13	186.397	0.126	7.1	0.1424	0.0000	SURCHARGED
15 minute summer	J30	13	186.249	0.102	8.6	0.1155	0.0000	OK
15 minute summer	J31	14	186.220	0.101	9.3	0.1138	0.0000	OK
15 minute summer	J32	14	186.161	0.097	10.1	0.1096	0.0000	OK
15 minute summer	J33	12	185.676	0.066	14.2	0.0746	0.0000	OK
15 minute summer	J34	11	185.244	0.119	20.5	0.1345	0.0000	OK
15 minute summer	J35	12	185.156	0.081	21.1	0.0919	0.0000	OK
15 minute summer	J36	12	184.999	0.124	21.9	0.1400	0.0000	OK
15 minute summer	J37	12	184.716	0.141	26.4	0.1591	0.0000	OK
15 minute summer	J38	12	184.576	0.201	29.3	0.2278	0.0000	OK
15 minute summer	J39	12	184.526	0.188	30.1	0.2130	0.0000	OK
15 minute summer	J40	12	184.485	0.159	32.0	0.1804	0.0000	OK
15 minute summer	J41	11	184.641	0.044	2.2	0.0500	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J27	23.011	S4	15.9	0.795	0.532	0.0478
15 minute summer	J28	32.001	J29	6.4	0.820	1.083	0.0691
15 minute summer	J29	32.002	S12	7.0	0.905	1.185	0.0347
15 minute summer	J30	32.004	J31	8.5	0.674	0.642	0.0629
15 minute summer	J31	32.005	J32	9.3	0.756	0.700	0.1199
15 minute summer	J32	32.006	S13	10.1	1.041	0.761	0.0531
15 minute summer	J33	32.008	S14	14.2	1.132	0.400	0.1137
15 minute summer	J34	32.010	J35	20.4	1.200	0.530	0.1539
15 minute summer	J35	32.011	J36	21.2	1.202	0.238	0.1212
15 minute summer	J36	32.012	S15	22.0	1.271	0.733	0.0426
15 minute summer	J37	32.014	S16	26.5	1.296	0.871	0.1071
15 minute summer	J38	32.016	J39	29.3	0.802	0.971	0.3949
15 minute summer	J39	32.017	J40	30.0	0.911	0.974	0.1199
15 minute summer	J40	32.018	S10	31.9	1.127	0.741	0.2708
15 minute summer	J41	48.002	J42	2.2	0.612	0.364	0.0220

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J42	12	184.586	0.049	2.8	0.0555	0.0000	OK
15 minute summer	J43	12	184.440	0.080	5.2	0.0908	0.0000	OK
15 minute summer	J44	13	184.428	0.078	5.9	0.0882	0.0000	OK
15 minute summer	J45	13	184.411	0.111	6.7	0.1256	0.0000	OK
15 minute summer	J46	13	184.386	0.113	9.6	0.1283	0.0000	OK
15 minute summer	J47	13	184.358	0.110	10.3	0.1248	0.0000	OK
15 minute summer	J48	13	184.283	0.129	12.6	0.1460	0.0000	OK
15 minute summer	J49	13	184.270	0.141	13.3	0.1599	0.0000	OK
15 minute summer	J50	14	184.261	0.136	14.0	0.1538	0.0000	OK
15 minute summer	J51	14	184.247	0.139	14.6	0.1573	0.0000	OK
15 minute summer	J52	14	184.234	0.130	15.4	0.1468	0.0000	OK
15 minute summer	J53	14	184.209	0.122	16.1	0.1380	0.0000	OK
15 minute summer	J54	12	185.028	0.049	2.3	0.0554	0.0000	OK
15 minute summer	J55	12	184.998	0.054	3.1	0.0611	0.0000	OK
15 minute summer	J56	12	184.130	0.163	25.6	0.1845	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J42	48.003	S21	2.9	0.579	0.484	0.0401
15 minute summer	J43	48.005	J44	5.2	0.574	0.371	0.0151
15 minute summer	J44	48.006	J45	5.9	0.507	0.443	0.1020
15 minute summer	J45	48.007	S22	6.8	0.482	0.499	0.0341
15 minute summer	J46	48.009	J47	9.6	0.682	0.717	0.0594
15 minute summer	J47	48.010	S23	10.3	0.806	0.772	0.0336
15 minute summer	J48	48.012	J49	12.5	0.521	0.419	0.1855
15 minute summer	J49	48.013	J50	13.2	0.522	0.432	0.0291
15 minute summer	J50	48.014	J51	13.9	0.552	0.467	0.1290
15 minute summer	J51	48.015	J52	14.6	0.593	0.475	0.0281
15 minute summer	J52	48.016	J53	15.4	0.675	0.504	0.1113
15 minute summer	J53	48.017	S24	16.1	0.805	0.534	0.2053
15 minute summer	J54	65.002	J55	2.3	0.587	0.397	0.0148
15 minute summer	J55	65.003	S24	3.1	0.736	0.519	0.0327
15 minute summer	J56	48.019	J57	25.4	0.661	0.468	0.3487

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Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J57	13	184.103	0.158	26.0	0.1791	0.0000	OK
15 minute summer	BASIN 1	70	185.379	0.379	44.1	44.3106	0.0000	SURCHARGED
15 minute summer	BASIN 2	255	184.398	0.098	1.1	8.6344	0.0000	OK
15 minute summer	BASIN 3	83	183.141	0.041	36.7	28.4914	0.0000	OK
15 minute summer	BASIN 4	88	183.567	0.237	25.9	30.9555	0.0000	OK
15 minute summer	SWALE 1	72	184.958	0.026	0.9	0.0299	0.0000	OK
15 minute summer	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWALE 3	12	184.229	0.159	37.4	0.1803	0.0000	OK
15 minute summer	BH1	255	184.398	0.321	0.8	1.7324	0.0000	OK
15 minute summer	BH2	48	183.145	0.093	1.9	2.0676	0.0000	OK
15 minute summer	BH3	94	183.567	0.261	9.7	2.8249	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J57	48.020	S25	25.8	0.723	0.478	0.2833
15 minute summer	BASIN 1	1.023	S5	2.8	0.346	0.052	0.6013
15 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
15 minute summer	BASIN 2	71.000	BH1	0.8	0.508	0.131	0.1824
15 minute summer	BASIN 3	1.034	BH2	1.9	0.445	0.023	0.3687
15 minute summer	BASIN 4	48.022	BH3	9.7	1.007	0.182	0.6367
15 minute summer	SWALE 1	1.025	S6	0.9	0.285	0.016	0.1152
15 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
15 minute summer	SWALE 3	1.033	BASIN 3	36.7	1.014	0.529	1.5649
15 minute summer	BH1	Infiltration		0.1			
15 minute summer	BH2	Infiltration		0.2			
15 minute summer	BH3	Infiltration		0.2			

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S1	10	188.414	0.044	3.5	0.0592	0.0000	OK
15 minute winter	S2	12	187.176	0.137	19.3	0.2013	0.0000	OK
15 minute winter	S3	12	186.356	0.144	26.8	0.1866	0.0000	OK
15 minute winter	S4	11	185.499	0.121	46.2	0.1432	0.0000	OK
15 minute winter	S5	72	185.422	0.442	3.4	0.4996	0.0000	SURCHARGED
15 minute winter	S6	76	184.872	0.028	0.9	0.0313	0.0000	OK
15 minute winter	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S9	12	184.310	0.110	1.3	0.1247	0.0000	OK
15 minute winter	S10	12	184.310	0.126	39.4	0.1923	0.0000	OK
15 minute winter	S11	12	186.604	0.204	7.9	0.3324	0.0000	SURCHARGED
15 minute winter	S12	13	186.276	0.100	8.1	0.1135	0.0000	OK
15 minute winter	S13	12	186.108	0.073	13.9	0.1046	0.0000	OK
15 minute winter	S14	11	185.449	0.199	21.4	0.3129	0.0000	SURCHARGED
15 minute winter	S15	11	184.954	0.087	26.9	0.1220	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S1	1.000	J1	3.5	0.664	0.396	0.0453
15 minute winter	S2	1.012	J12	19.3	0.846	0.648	0.0341
15 minute winter	S3	1.019	J18	26.7	1.231	0.874	0.1112
15 minute winter	S4	1.022	BASIN 1	46.5	2.488	0.277	0.6830
15 minute winter	S5	1.024	SWALE 1	0.9	0.319	0.017	0.0640
15 minute winter	S6	1.026	BASIN 2	0.9	0.334	0.017	0.0156
15 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
15 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.1409
15 minute winter	S9	1.031	S10	-1.3	-0.202	-0.024	0.1722
15 minute winter	S10	1.032	SWALE 3	39.3	1.200	0.218	0.1480
15 minute winter	S11	32.000	J28	6.8	0.871	1.146	0.0355
15 minute winter	S12	32.003	J30	8.1	0.630	0.603	0.0652
15 minute winter	S13	32.007	J33	13.9	1.717	0.432	0.1056
15 minute winter	S14	32.009	J34	21.2	1.208	1.225	0.0892
15 minute winter	S15	32.013	J37	26.9	1.305	0.291	0.1921

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S16	11	184.651	0.094	29.8	0.1185	0.0000	OK
15 minute winter	S17	18	186.015	0.015	0.3	0.0174	0.0000	OK
15 minute winter	S18	11	185.771	0.110	8.3	0.1552	0.0000	OK
15 minute winter	S19	11	185.622	0.131	16.2	0.1791	0.0000	OK
15 minute winter	S20	11	184.688	0.046	2.3	0.0565	0.0000	OK
15 minute winter	S21	12	184.534	0.075	4.8	0.0891	0.0000	OK
15 minute winter	S22	12	184.408	0.122	9.6	0.1496	0.0000	OK
15 minute winter	S23	13	184.298	0.140	12.7	0.1652	0.0000	OK
15 minute winter	S24	12	184.156	0.179	27.5	0.2603	0.0000	OK
15 minute winter	S25	13	184.078	0.152	28.0	0.1720	0.0000	OK
15 minute winter	S26	11	185.409	0.032	1.8	0.0387	0.0000	OK
15 minute winter	FC1	15	188.882	0.632	3.1	0.9902	0.0000	SURCHARGED
15 minute winter	FC2	15	188.782	0.632	3.1	0.9988	0.0000	SURCHARGED
15 minute winter	FC3	16	188.853	0.653	5.0	1.7579	0.0000	SURCHARGED
15 minute winter	FC4	15	188.777	0.577	2.5	0.7447	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S16	32.015	J38	29.8	1.078	0.203	0.0619
15 minute winter	S17	23.001	J20	0.3	0.333	0.051	0.0097
15 minute winter	S18	23.006	J24	8.2	0.622	0.600	0.0247
15 minute winter	S19	23.010	J27	16.1	0.689	0.538	0.2082
15 minute winter	S20	48.001	J41	2.3	0.658	0.386	0.0163
15 minute winter	S21	48.004	J43	4.8	0.800	0.813	0.0306
15 minute winter	S22	48.008	J46	9.5	0.629	0.708	0.0369
15 minute winter	S23	48.011	J48	12.6	0.527	0.408	0.0285
15 minute winter	S24	48.018	J56	27.3	0.641	0.510	0.1810
15 minute winter	S25	48.021	BASIN 4	28.1	0.871	0.509	0.1031
15 minute winter	S26	65.001	J54	1.8	0.861	0.208	0.0180
15 minute winter	FC1	2.000	J1	1.3	0.563	0.210	0.0311
15 minute winter	FC2	3.000	J2	1.3	0.351	0.213	0.0327
15 minute winter	FC3	4.000	J3	0.8	0.549	0.126	0.0177
15 minute winter	FC4	5.000	J4	0.8	0.607	0.099	0.0091

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC5	15	188.630	0.630	3.1	0.9853	0.0000	SURCHARGED
15 minute winter	FC6	15	188.426	0.576	2.5	0.7441	0.0000	SURCHARGED
15 minute winter	FC7	15	188.327	0.577	2.5	0.7448	0.0000	SURCHARGED
15 minute winter	FC8	15	188.381	0.631	3.1	0.9833	0.0000	SURCHARGED
15 minute winter	FC9	15	188.048	0.578	2.5	0.7456	0.0000	SURCHARGED
15 minute winter	FC10	16	188.119	0.648	4.4	1.4873	0.0000	SURCHARGED
15 minute winter	FC11	15	187.943	0.623	2.8	0.8555	0.0000	SURCHARGED
15 minute winter	FC12	15	187.853	0.623	2.8	0.8556	0.0000	SURCHARGED
15 minute winter	FC13	15	187.632	0.632	3.1	0.9849	0.0000	SURCHARGED
15 minute winter	FC14	18	187.000	0.100	3.1	1.2785	0.0000	OK
15 minute winter	FC15	15	187.775	0.575	2.5	0.7424	0.0000	SURCHARGED
15 minute winter	FC16	15	187.477	0.577	2.5	0.7453	0.0000	SURCHARGED
15 minute winter	FC17	15	187.576	0.576	2.5	0.7432	0.0000	SURCHARGED
15 minute winter	FC18	15	187.128	0.578	2.5	0.7457	0.0000	SURCHARGED
15 minute winter	FC19	15	187.032	0.632	3.1	0.9849	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC5	6.000	J5	0.8	0.510	0.133	0.0064
15 minute winter	FC6	7.000	J6	0.8	0.665	0.087	0.0135
15 minute winter	FC7	8.000	J7	0.8	0.570	0.106	0.0182
15 minute winter	FC8	9.000	J8	0.8	0.726	0.081	0.0048
15 minute winter	FC9	10.000	J9	0.8	0.511	0.126	0.0106
15 minute winter	FC10	11.000	J10	0.8	0.560	0.120	0.0089
15 minute winter	FC11	12.000	J11	0.8	0.515	0.132	0.0118
15 minute winter	FC12	13.000	S2	0.8	0.514	0.132	0.0105
15 minute winter	FC13	14.000	J12	0.8	0.516	0.133	0.0104
15 minute winter	FC14	15.000	J13	0.3	0.391	0.049	0.0141
15 minute winter	FC15	16.000	J14	0.8	1.080	0.044	0.0063
15 minute winter	FC16	17.000	J15	0.8	0.543	0.116	0.0105
15 minute winter	FC17	18.000	J16	0.8	0.862	0.060	0.0042
15 minute winter	FC18	19.000	J17	0.8	0.508	0.127	0.0104
15 minute winter	FC19	20.000	S3	0.8	0.514	0.134	0.0101

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC20	15	187.581	0.631	3.1	0.9819	0.0000	SURCHARGED
15 minute winter	FC21	15	186.931	0.631	3.1	0.9849	0.0000	SURCHARGED
15 minute winter	FC22	17	186.552	0.102	2.5	0.9870	0.0000	SURCHARGED
15 minute winter	FC23	15	186.878	0.577	2.5	0.7455	0.0000	SURCHARGED
15 minute winter	FC24	15	186.931	0.631	3.1	0.9845	0.0000	SURCHARGED
15 minute winter	FC25	15	187.181	0.631	3.1	0.9819	0.0000	SURCHARGED
15 minute winter	FC26	17	186.548	0.098	2.5	0.9906	0.0000	OK
15 minute winter	FC27	15	187.075	0.575	2.5	0.7424	0.0000	SURCHARGED
15 minute winter	FC28	15	187.130	0.630	3.1	0.9819	0.0000	SURCHARGED
15 minute winter	FC29	15	187.136	0.636	3.5	1.1059	0.0000	SURCHARGED
15 minute winter	FC30	15	187.381	0.630	3.1	0.9822	0.0000	SURCHARGED
15 minute winter	FC31	15	187.034	0.584	2.5	0.7545	0.0000	SURCHARGED
15 minute winter	FC32	15	187.026	0.576	2.5	0.7431	0.0000	SURCHARGED
15 minute winter	FC33	15	187.081	0.631	3.1	0.9821	0.0000	SURCHARGED
15 minute winter	FC34	15	187.082	0.632	3.1	0.9848	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC20	21.000	J18	0.8	1.040	0.049	0.0033
15 minute winter	FC21	22.000	J19	0.8	0.515	0.133	0.0117
15 minute winter	FC22	23.000	S17	0.3	0.746	0.016	0.0026
15 minute winter	FC23	24.000	J20	0.8	0.528	0.119	0.0065
15 minute winter	FC24	25.000	J21	0.8	0.602	0.106	0.0061
15 minute winter	FC25	26.000	J22	0.8	1.032	0.050	0.0036
15 minute winter	FC26	27.000	J23	0.3	0.684	0.022	0.0020
15 minute winter	FC27	28.000	J24	0.8	1.122	0.042	0.0030
15 minute winter	FC28	29.000	J25	0.8	1.038	0.050	0.0033
15 minute winter	FC29	30.000	J26	0.8	1.011	0.052	0.0037
15 minute winter	FC30	31.000	J27	0.8	0.968	0.055	0.0036
15 minute winter	FC31	33.000	J28	1.5	0.549	0.165	0.0317
15 minute winter	FC32	34.000	J29	0.8	0.418	0.060	0.0180
15 minute winter	FC33	35.000	S12	0.8	0.949	0.056	0.0098
15 minute winter	FC34	36.000	J30	0.8	0.528	0.127	0.0071

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC35	15	187.081	0.630	3.1	0.9821	0.0000	SURCHARGED
15 minute winter	FC36	15	187.085	0.635	3.5	1.1059	0.0000	SURCHARGED
15 minute winter	FC37	16	186.446	0.646	4.1	1.3584	0.0000	SURCHARGED
15 minute winter	FC38	17	185.534	0.084	2.5	1.0062	0.0000	OK
15 minute winter	FC39	15	186.025	0.575	2.5	0.7429	0.0000	SURCHARGED
15 minute winter	FC40	15	186.086	0.586	3.1	0.9879	0.0000	SURCHARGED
15 minute winter	FC41	15	185.480	0.630	3.1	0.9834	0.0000	SURCHARGED
15 minute winter	FC42	15	185.230	0.630	3.1	0.9838	0.0000	SURCHARGED
15 minute winter	FC43	15	185.222	0.622	3.1	0.9845	0.0000	SURCHARGED
15 minute winter	FC44	10	184.634	0.034	2.5	0.0441	0.0000	OK
15 minute winter	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
15 minute winter	FC46	16	185.349	0.648	4.4	1.4884	0.0000	SURCHARGED
15 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute winter	FC48	15	185.431	0.631	3.1	0.9822	0.0000	SURCHARGED
15 minute winter	FC49	15	185.431	0.631	3.1	0.9852	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC35	37.000	J31	0.8	0.956	0.056	0.0129
15 minute winter	FC36	38.000	J32	0.8	1.028	0.050	0.0115
15 minute winter	FC37	39.000	J33	0.8	0.689	0.090	0.0076
15 minute winter	FC38	40.000	J34	0.3	0.639	0.022	0.0020
15 minute winter	FC39	41.000	J35	0.8	0.953	0.052	0.0035
15 minute winter	FC40	42.000	J36	0.8	1.169	0.040	0.0033
15 minute winter	FC41	43.000	J37	0.8	0.770	0.075	0.0052
15 minute winter	FC42	44.000	J38	0.8	0.670	0.091	0.0204
15 minute winter	FC43	45.000	J39	0.8	0.782	0.073	0.0149
15 minute winter	FC44	46.000	J40	2.5	1.098	0.220	0.0108
15 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
15 minute winter	FC46	48.000	S20	0.8	0.504	0.134	0.0151
15 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0092
15 minute winter	FC48	50.000	J42	0.8	0.735	0.057	0.0119
15 minute winter	FC49	51.000	S21	0.8	0.511	0.133	0.0067

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC50	15	185.431	0.631	3.1	0.9851	0.0000	SURCHARGED
15 minute winter	FC51	15	185.480	0.630	3.1	0.9851	0.0000	SURCHARGED
15 minute winter	FC52	16	185.890	0.640	3.8	1.2454	0.0000	SURCHARGED
15 minute winter	FC53	15	185.881	0.631	3.1	0.9836	0.0000	SURCHARGED
15 minute winter	FC54	15	185.826	0.576	2.5	0.7436	0.0000	SURCHARGED
15 minute winter	FC55	15	185.825	0.575	2.5	0.7428	0.0000	SURCHARGED
15 minute winter	FC56	15	185.980	0.630	3.1	0.9820	0.0000	SURCHARGED
15 minute winter	FC57	15	185.981	0.631	3.1	0.9822	0.0000	SURCHARGED
15 minute winter	FC58	15	185.926	0.576	2.5	0.7430	0.0000	SURCHARGED
15 minute winter	FC59	15	185.926	0.576	2.5	0.7433	0.0000	SURCHARGED
15 minute winter	FC60	15	185.981	0.631	3.1	0.9824	0.0000	SURCHARGED
15 minute winter	FC61	15	185.931	0.631	3.1	0.9837	0.0000	SURCHARGED
15 minute winter	FC62	16	185.902	0.652	4.7	1.6194	0.0000	SURCHARGED
15 minute winter	FC63	15	185.978	0.578	2.5	0.7459	0.0000	SURCHARGED
15 minute winter	FC64	15	185.735	0.735	3.1	0.9777	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC50	52.000	J43	0.8	0.512	0.133	0.0072
15 minute winter	FC51	55.000	S22	0.8	0.514	0.133	0.0094
15 minute winter	FC52	58.000	S23	0.8	0.751	0.079	0.0058
15 minute winter	FC53	61.000	J50	0.8	0.704	0.085	0.0048
15 minute winter	FC54	62.000	J51	0.8	0.770	0.070	0.0039
15 minute winter	FC55	64.000	J53	0.8	0.974	0.051	0.0032
15 minute winter	FC56	53.000	J44	0.8	1.020	0.051	0.0051
15 minute winter	FC57	54.000	J45	0.8	0.957	0.056	0.0054
15 minute winter	FC58	56.000	J46	0.8	0.907	0.056	0.0052
15 minute winter	FC59	57.000	J47	0.8	0.840	0.063	0.0058
15 minute winter	FC60	59.000	J48	0.8	0.843	0.067	0.0062
15 minute winter	FC61	60.000	J49	0.8	0.676	0.091	0.0086
15 minute winter	FC62	63.000	J52	0.8	0.625	0.105	0.0120
15 minute winter	FC63	65.000	S26	0.8	0.541	0.128	0.0043
15 minute winter	FC64	66.000	J54	0.9	0.366	0.145	0.0066

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC65	15	185.781	0.631	3.1	0.9816	0.0000	SURCHARGED
15 minute winter	FC66	15	185.632	0.632	3.1	0.9847	0.0000	SURCHARGED
15 minute winter	FC67	17	184.897	0.096	2.5	0.9956	0.0000	OK
15 minute winter	FC68	15	185.127	0.577	2.5	0.7444	0.0000	SURCHARGED
15 minute winter	J1	12	188.312	0.112	7.2	0.1511	0.0000	SURCHARGED
15 minute winter	J2	12	188.228	0.122	7.4	0.1377	0.0000	SURCHARGED
15 minute winter	J3	12	188.130	0.084	8.2	0.0950	0.0000	OK
15 minute winter	J4	12	188.095	0.060	8.9	0.0682	0.0000	OK
15 minute winter	J5	12	187.962	0.052	9.6	0.0592	0.0000	OK
15 minute winter	J6	13	187.737	0.087	10.3	0.0979	0.0000	OK
15 minute winter	J7	13	187.699	0.099	11.1	0.1114	0.0000	OK
15 minute winter	J8	13	187.664	0.071	11.9	0.0800	0.0000	OK
15 minute winter	J9	13	187.368	0.093	12.6	0.1056	0.0000	OK
15 minute winter	J10	13	187.326	0.056	13.2	0.0636	0.0000	OK
15 minute winter	J11	14	187.204	0.083	14.1	0.0936	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC65	67.000	J55	0.8	0.862	0.042	0.0057
15 minute winter	FC66	68.000	S24	0.8	0.573	0.109	0.0029
15 minute winter	FC67	69.000	J56	0.3	0.378	0.049	0.0016
15 minute winter	FC68	70.000	J57	0.8	0.665	0.084	0.0026
15 minute winter	J1	1.001	J2	6.7	0.863	0.807	0.0393
15 minute winter	J2	1.002	J3	7.4	0.950	1.251	0.0078
15 minute winter	J3	1.003	J4	8.2	0.977	0.616	0.0163
15 minute winter	J4	1.004	J5	8.8	1.466	0.263	0.0213
15 minute winter	J5	1.005	J6	9.6	1.218	0.251	0.0454
15 minute winter	J6	1.006	J7	10.3	0.908	0.364	0.0224
15 minute winter	J7	1.007	J8	11.1	1.081	0.794	0.0115
15 minute winter	J8	1.008	J9	11.8	1.528	0.392	0.0656
15 minute winter	J9	1.009	J10	12.4	1.076	0.372	0.0140
15 minute winter	J10	1.010	J11	13.3	1.321	0.103	0.0256
15 minute winter	J11	1.011	S2	14.1	0.770	0.219	0.1013

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J12	12	186.905	0.096	20.1	0.1089	0.0000	OK
15 minute winter	J13	12	186.869	0.167	20.4	0.1885	0.0000	OK
15 minute winter	J14	12	186.851	0.156	21.0	0.1759	0.0000	OK
15 minute winter	J15	13	186.826	0.138	21.6	0.1560	0.0000	OK
15 minute winter	J16	13	186.783	0.113	22.3	0.1274	0.0000	OK
15 minute winter	J17	13	186.441	0.083	23.1	0.0938	0.0000	OK
15 minute winter	J18	12	186.292	0.098	27.5	0.1111	0.0000	OK
15 minute winter	J19	12	186.180	0.153	28.2	0.1726	0.0000	OK
15 minute winter	J20	16	185.961	0.030	1.0	0.0338	0.0000	OK
15 minute winter	J21	16	185.934	0.038	1.8	0.0435	0.0000	OK
15 minute winter	J22	17	185.870	0.052	2.6	0.0585	0.0000	OK
15 minute winter	J23	17	185.835	0.052	2.9	0.0593	0.0000	OK
15 minute winter	J24	11	185.755	0.105	8.9	0.1185	0.0000	OK
15 minute winter	J25	12	185.726	0.111	9.5	0.1252	0.0000	OK
15 minute winter	J26	12	185.696	0.109	10.2	0.1235	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J12	1.013	J13	20.1	0.842	0.300	0.1544
15 minute winter	J13	1.014	J14	20.3	0.668	0.647	0.0576
15 minute winter	J14	1.015	J15	21.0	0.765	0.671	0.0525
15 minute winter	J15	1.016	J16	21.6	0.953	0.706	0.1163
15 minute winter	J16	1.017	J17	22.4	1.257	0.371	0.0599
15 minute winter	J17	1.018	S3	23.1	1.178	0.159	0.0377
15 minute winter	J18	1.020	J19	27.5	1.944	0.211	0.0214
15 minute winter	J19	1.021	S4	28.1	0.870	0.510	0.1423
15 minute winter	J20	23.002	J21	1.0	0.443	0.178	0.0089
15 minute winter	J21	23.003	J22	1.8	0.536	0.310	0.0275
15 minute winter	J22	23.004	J23	2.6	0.638	0.441	0.0148
15 minute winter	J23	23.005	S18	2.9	0.729	0.494	0.0304
15 minute winter	J24	23.007	J25	8.8	0.656	0.661	0.0834
15 minute winter	J25	23.008	J26	9.4	0.685	0.709	0.0687
15 minute winter	J26	23.009	S19	10.3	0.809	0.770	0.0469

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J27	11	185.587	0.126	16.8	0.1425	0.0000	OK
15 minute winter	J28	12	186.535	0.179	6.9	0.2021	0.0000	SURCHARGED
15 minute winter	J29	13	186.404	0.133	7.3	0.1506	0.0000	SURCHARGED
15 minute winter	J30	14	186.252	0.105	8.8	0.1183	0.0000	OK
15 minute winter	J31	14	186.222	0.103	9.6	0.1167	0.0000	OK
15 minute winter	J32	14	186.163	0.099	10.4	0.1120	0.0000	OK
15 minute winter	J33	12	185.677	0.067	14.7	0.0761	0.0000	OK
15 minute winter	J34	11	185.247	0.122	21.4	0.1380	0.0000	OK
15 minute winter	J35	11	185.159	0.083	22.0	0.0944	0.0000	OK
15 minute winter	J36	12	185.001	0.126	22.7	0.1430	0.0000	OK
15 minute winter	J37	11	184.719	0.144	27.6	0.1633	0.0000	OK
15 minute winter	J38	12	184.585	0.210	30.6	0.2379	0.0000	OK
15 minute winter	J39	12	184.534	0.196	31.3	0.2212	0.0000	OK
15 minute winter	J40	12	184.491	0.166	33.5	0.1874	0.0000	OK
15 minute winter	J41	11	184.643	0.046	2.3	0.0518	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J27	23.011	S4	16.7	0.807	0.560	0.0495
15 minute winter	J28	32.001	J29	6.6	0.848	1.120	0.0691
15 minute winter	J29	32.002	S12	7.3	0.936	1.229	0.0349
15 minute winter	J30	32.004	J31	8.8	0.677	0.663	0.0648
15 minute winter	J31	32.005	J32	9.6	0.761	0.723	0.1230
15 minute winter	J32	32.006	S13	10.4	1.047	0.784	0.0547
15 minute winter	J33	32.008	S14	14.7	1.140	0.414	0.1146
15 minute winter	J34	32.010	J35	21.4	1.212	0.554	0.1595
15 minute winter	J35	32.011	J36	21.9	1.211	0.246	0.1248
15 minute winter	J36	32.012	S15	22.8	1.233	0.760	0.0441
15 minute winter	J37	32.014	S16	27.5	1.319	0.905	0.1103
15 minute winter	J38	32.016	J39	30.6	0.814	1.012	0.4073
15 minute winter	J39	32.017	J40	31.4	0.919	1.019	0.1243
15 minute winter	J40	32.018	S10	33.5	1.137	0.778	0.2817
15 minute winter	J41	48.002	J42	2.3	0.620	0.387	0.0230

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J42	12	184.587	0.050	3.0	0.0569	0.0000	OK
15 minute winter	J43	12	184.445	0.085	5.6	0.0958	0.0000	OK
15 minute winter	J44	13	184.432	0.082	6.3	0.0931	0.0000	OK
15 minute winter	J45	13	184.417	0.117	7.0	0.1323	0.0000	OK
15 minute winter	J46	13	184.391	0.119	10.2	0.1344	0.0000	OK
15 minute winter	J47	13	184.363	0.115	10.9	0.1297	0.0000	OK
15 minute winter	J48	13	184.289	0.135	13.4	0.1529	0.0000	OK
15 minute winter	J49	13	184.276	0.147	14.1	0.1663	0.0000	OK
15 minute winter	J50	14	184.266	0.141	14.8	0.1599	0.0000	OK
15 minute winter	J51	14	184.252	0.144	15.5	0.1630	0.0000	OK
15 minute winter	J52	14	184.238	0.134	16.2	0.1520	0.0000	OK
15 minute winter	J53	14	184.213	0.126	17.0	0.1426	0.0000	OK
15 minute winter	J54	12	185.030	0.051	2.5	0.0579	0.0000	OK
15 minute winter	J55	12	185.000	0.056	3.3	0.0637	0.0000	OK
15 minute winter	J56	12	184.138	0.171	27.5	0.1930	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J42	48.003	S21	3.0	0.578	0.508	0.0420
15 minute winter	J43	48.005	J44	5.5	0.577	0.395	0.0161
15 minute winter	J44	48.006	J45	6.2	0.508	0.465	0.1081
15 minute winter	J45	48.007	S22	7.1	0.481	0.523	0.0358
15 minute winter	J46	48.009	J47	10.1	0.693	0.760	0.0620
15 minute winter	J47	48.010	S23	10.9	0.822	0.818	0.0349
15 minute winter	J48	48.012	J49	13.3	0.525	0.446	0.1951
15 minute winter	J49	48.013	J50	14.1	0.526	0.459	0.0305
15 minute winter	J50	48.014	J51	14.8	0.558	0.495	0.1347
15 minute winter	J51	48.015	J52	15.4	0.602	0.503	0.0293
15 minute winter	J52	48.016	J53	16.3	0.685	0.533	0.1161
15 minute winter	J53	48.017	S24	17.0	0.817	0.565	0.2137
15 minute winter	J54	65.002	J55	2.5	0.595	0.426	0.0156
15 minute winter	J55	65.003	S24	3.3	0.747	0.555	0.0344
15 minute winter	J56	48.019	J57	27.3	0.673	0.503	0.3697

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Results for 30 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J57	13	184.111	0.166	28.0	0.1879	0.0000	OK
15 minute winter	BASIN 1	72	185.422	0.422	46.5	49.7664	0.0000	SURCHARGED
15 minute winter	BASIN 2	255	184.405	0.105	1.1	9.2870	0.0000	OK
15 minute winter	BASIN 3	86	183.146	0.046	38.7	32.1189	0.0000	OK
15 minute winter	BASIN 4	93	183.597	0.267	28.1	35.0318	0.0000	OK
15 minute winter	SWALE 1	74	184.959	0.027	0.9	0.0306	0.0000	OK
15 minute winter	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
15 minute winter	SWALE 3	12	184.235	0.165	39.3	0.1870	0.0000	OK
15 minute winter	BH1	255	184.405	0.328	0.8	1.7531	0.0000	OK
15 minute winter	BH2	44	183.149	0.097	2.3	2.0897	0.0000	OK
15 minute winter	BH3	86	183.597	0.291	11.3	2.9646	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J57	48.020	S25	28.0	0.739	0.519	0.3003
15 minute winter	BASIN 1	1.023	S5	3.4	0.322	0.063	0.6013
15 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
15 minute winter	BASIN 2	71.000	BH1	0.8	0.514	0.138	0.1829
15 minute winter	BASIN 3	1.034	BH2	2.3	0.466	0.027	0.4006
15 minute winter	BASIN 4	48.022	BH3	11.3	1.037	0.212	0.6936
15 minute winter	SWALE 1	1.025	S6	0.9	0.288	0.017	0.1197
15 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
15 minute winter	SWALE 3	1.033	BASIN 3	38.7	1.029	0.558	1.6261
15 minute winter	BH1	Infiltration		0.1			
15 minute winter	BH2	Infiltration		0.2			
15 minute winter	BH3	Infiltration		0.2			

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S1	18	188.411	0.040	3.0	0.0547	0.0000	OK
30 minute summer	S2	19	187.173	0.134	18.7	0.1969	0.0000	OK
30 minute summer	S3	20	186.352	0.140	25.7	0.1821	0.0000	OK
30 minute summer	S4	84	185.491	0.113	43.5	0.1340	0.0000	OK
30 minute summer	S5	84	185.491	0.511	1.9	0.5777	0.0000	SURCHARGED
30 minute summer	S6	87	184.873	0.029	1.0	0.0324	0.0000	OK
30 minute summer	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S9	20	184.303	0.103	0.8	0.1163	0.0000	OK
30 minute summer	S10	20	184.303	0.119	36.5	0.1811	0.0000	OK
30 minute summer	S11	19	186.565	0.165	6.8	0.2684	0.0000	SURCHARGED
30 minute summer	S12	21	186.272	0.096	7.6	0.1089	0.0000	OK
30 minute summer	S13	19	186.106	0.071	13.3	0.1017	0.0000	OK
30 minute summer	S14	19	185.432	0.182	19.8	0.2852	0.0000	SURCHARGED
30 minute summer	S15	19	184.951	0.084	25.1	0.1166	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	S1	1.000	J1	3.0	0.637	0.344	0.0397
30 minute summer	S2	1.012	J12	18.6	0.835	0.622	0.0333
30 minute summer	S3	1.019	J18	25.7	1.219	0.839	0.1080
30 minute summer	S4	1.022	BASIN 1	43.7	2.029	0.261	0.7912
30 minute summer	S5	1.024	SWALE 1	1.0	0.295	0.018	0.0675
30 minute summer	S6	1.026	BASIN 2	1.0	0.341	0.018	0.0166
30 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
30 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.1282
30 minute summer	S9	1.031	S10	-0.8	-0.113	-0.015	0.1579
30 minute summer	S10	1.032	SWALE 3	36.1	1.161	0.200	0.1387
30 minute summer	S11	32.000	J28	6.1	0.781	1.028	0.0355
30 minute summer	S12	32.003	J30	7.6	0.622	0.569	0.0624
30 minute summer	S13	32.007	J33	13.3	1.697	0.412	0.1019
30 minute summer	S14	32.009	J34	19.8	1.131	1.142	0.0882
30 minute summer	S15	32.013	J37	25.1	1.284	0.272	0.1829

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S16	19	184.647	0.090	27.9	0.1136	0.0000	OK
30 minute summer	S17	28	186.016	0.016	0.3	0.0177	0.0000	OK
30 minute summer	S18	19	185.765	0.104	7.8	0.1471	0.0000	OK
30 minute summer	S19	19	185.616	0.125	14.9	0.1709	0.0000	OK
30 minute summer	S20	18	184.687	0.045	2.2	0.0544	0.0000	OK
30 minute summer	S21	19	184.531	0.072	4.6	0.0853	0.0000	OK
30 minute summer	S22	20	184.405	0.119	9.1	0.1454	0.0000	OK
30 minute summer	S23	21	184.294	0.136	12.2	0.1609	0.0000	OK
30 minute summer	S24	20	184.152	0.175	26.1	0.2541	0.0000	OK
30 minute summer	S25	20	184.075	0.149	27.0	0.1681	0.0000	OK
30 minute summer	S26	18	185.408	0.031	1.7	0.0369	0.0000	OK
30 minute summer	FC1	23	188.879	0.629	2.7	0.9531	0.0000	SURCHARGED
30 minute summer	FC2	23	188.780	0.630	2.7	0.9643	0.0000	SURCHARGED
30 minute summer	FC3	26	188.854	0.654	4.3	1.7825	0.0000	SURCHARGED
30 minute summer	FC4	22	188.757	0.557	2.2	0.7186	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	S16	32.015	J38	27.9	1.059	0.190	0.0593
30 minute summer	S17	23.001	J20	0.3	0.343	0.053	0.0098
30 minute summer	S18	23.006	J24	7.7	0.610	0.558	0.0234
30 minute summer	S19	23.010	J27	14.9	0.673	0.498	0.1978
30 minute summer	S20	48.001	J41	2.2	0.647	0.362	0.0154
30 minute summer	S21	48.004	J43	4.5	0.792	0.768	0.0293
30 minute summer	S22	48.008	J46	9.1	0.622	0.680	0.0359
30 minute summer	S23	48.011	J48	12.2	0.513	0.395	0.0277
30 minute summer	S24	48.018	J56	26.0	0.633	0.486	0.1761
30 minute summer	S25	48.021	BASIN 4	26.9	0.860	0.488	0.1001
30 minute summer	S26	65.001	J54	1.7	0.840	0.190	0.0169
30 minute summer	FC1	2.000	J1	0.9	0.540	0.142	0.0214
30 minute summer	FC2	3.000	J2	1.1	0.337	0.191	0.0316
30 minute summer	FC3	4.000	J3	0.8	0.549	0.126	0.0166
30 minute summer	FC4	5.000	J4	0.7	0.604	0.098	0.0090

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC5	23	188.628	0.628	2.7	0.9531	0.0000	SURCHARGED
30 minute summer	FC6	22	188.406	0.556	2.2	0.7179	0.0000	SURCHARGED
30 minute summer	FC7	22	188.307	0.557	2.2	0.7189	0.0000	SURCHARGED
30 minute summer	FC8	23	188.379	0.628	2.7	0.9501	0.0000	SURCHARGED
30 minute summer	FC9	22	188.028	0.558	2.2	0.7201	0.0000	SURCHARGED
30 minute summer	FC10	25	188.119	0.649	3.8	1.4917	0.0000	SURCHARGED
30 minute summer	FC11	23	187.941	0.621	2.4	0.8285	0.0000	SURCHARGED
30 minute summer	FC12	23	187.851	0.621	2.4	0.8285	0.0000	SURCHARGED
30 minute summer	FC13	23	187.629	0.629	2.7	0.9528	0.0000	SURCHARGED
30 minute summer	FC14	30	187.008	0.108	2.7	1.3811	0.0000	SURCHARGED
30 minute summer	FC15	22	187.755	0.555	2.2	0.7159	0.0000	SURCHARGED
30 minute summer	FC16	22	187.457	0.557	2.2	0.7195	0.0000	SURCHARGED
30 minute summer	FC17	22	187.555	0.555	2.2	0.7167	0.0000	SURCHARGED
30 minute summer	FC18	22	187.108	0.558	2.2	0.7201	0.0000	SURCHARGED
30 minute summer	FC19	23	187.030	0.629	2.7	0.9529	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC5	6.000	J5	0.8	0.510	0.132	0.0064
30 minute summer	FC6	7.000	J6	0.7	0.664	0.085	0.0125
30 minute summer	FC7	8.000	J7	0.7	0.563	0.104	0.0172
30 minute summer	FC8	9.000	J8	0.8	0.726	0.081	0.0045
30 minute summer	FC9	10.000	J9	0.7	0.509	0.124	0.0105
30 minute summer	FC10	11.000	J10	0.8	0.560	0.120	0.0089
30 minute summer	FC11	12.000	J11	0.8	0.514	0.132	0.0117
30 minute summer	FC12	13.000	S2	0.8	0.514	0.132	0.0105
30 minute summer	FC13	14.000	J12	0.8	0.516	0.132	0.0104
30 minute summer	FC14	15.000	J13	0.3	0.396	0.052	0.0129
30 minute summer	FC15	16.000	J14	0.7	1.078	0.043	0.0056
30 minute summer	FC16	17.000	J15	0.7	0.540	0.114	0.0104
30 minute summer	FC17	18.000	J16	0.7	0.857	0.059	0.0042
30 minute summer	FC18	19.000	J17	0.7	0.506	0.125	0.0102
30 minute summer	FC19	20.000	S3	0.8	0.514	0.133	0.0101

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC20	23	187.578	0.628	2.7	0.9482	0.0000	SURCHARGED
30 minute summer	FC21	23	186.929	0.629	2.7	0.9529	0.0000	SURCHARGED
30 minute summer	FC22	27	186.557	0.107	2.2	1.0431	0.0000	SURCHARGED
30 minute summer	FC23	22	186.858	0.558	2.2	0.7199	0.0000	SURCHARGED
30 minute summer	FC24	23	186.929	0.629	2.7	0.9513	0.0000	SURCHARGED
30 minute summer	FC25	23	187.178	0.628	2.7	0.9481	0.0000	SURCHARGED
30 minute summer	FC26	27	186.554	0.104	2.2	1.0489	0.0000	SURCHARGED
30 minute summer	FC27	22	187.055	0.555	2.2	0.7159	0.0000	SURCHARGED
30 minute summer	FC28	23	187.128	0.628	2.7	0.9482	0.0000	SURCHARGED
30 minute summer	FC29	24	187.135	0.635	3.0	1.0823	0.0000	SURCHARGED
30 minute summer	FC30	23	187.378	0.628	2.7	0.9484	0.0000	SURCHARGED
30 minute summer	FC31	22	187.010	0.560	2.2	0.7228	0.0000	SURCHARGED
30 minute summer	FC32	22	187.005	0.555	2.2	0.7166	0.0000	SURCHARGED
30 minute summer	FC33	23	187.079	0.629	2.7	0.9482	0.0000	SURCHARGED
30 minute summer	FC34	23	187.079	0.629	2.7	0.9529	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC20	21.000	J18	0.8	1.040	0.049	0.0033
30 minute summer	FC21	22.000	J19	0.8	0.515	0.133	0.0117
30 minute summer	FC22	23.000	S17	0.3	0.567	0.017	0.0027
30 minute summer	FC23	24.000	J20	0.7	0.526	0.117	0.0064
30 minute summer	FC24	25.000	J21	0.8	0.601	0.106	0.0061
30 minute summer	FC25	26.000	J22	0.8	1.032	0.050	0.0036
30 minute summer	FC26	27.000	J23	0.3	0.691	0.023	0.0021
30 minute summer	FC27	28.000	J24	0.7	1.115	0.041	0.0030
30 minute summer	FC28	29.000	J25	0.8	1.037	0.049	0.0033
30 minute summer	FC29	30.000	J26	0.8	1.010	0.052	0.0037
30 minute summer	FC30	31.000	J27	0.8	0.967	0.054	0.0036
30 minute summer	FC31	33.000	J28	1.2	0.516	0.138	0.0266
30 minute summer	FC32	34.000	J29	0.7	0.395	0.059	0.0180
30 minute summer	FC33	35.000	S12	0.8	0.949	0.056	0.0090
30 minute summer	FC34	36.000	J30	0.8	0.528	0.127	0.0071

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC35	23	187.078	0.628	2.7	0.9482	0.0000	SURCHARGED
30 minute summer	FC36	24	187.084	0.634	3.0	1.0820	0.0000	SURCHARGED
30 minute summer	FC37	24	186.445	0.645	3.5	1.3460	0.0000	SURCHARGED
30 minute summer	FC38	30	185.539	0.089	2.2	1.0758	0.0000	OK
30 minute summer	FC39	22	186.005	0.555	2.2	0.7164	0.0000	SURCHARGED
30 minute summer	FC40	23	186.083	0.583	2.7	0.9540	0.0000	SURCHARGED
30 minute summer	FC41	23	185.478	0.628	2.7	0.9494	0.0000	SURCHARGED
30 minute summer	FC42	23	185.228	0.628	2.7	0.9503	0.0000	SURCHARGED
30 minute summer	FC43	23	185.222	0.622	2.7	0.9503	0.0000	SURCHARGED
30 minute summer	FC44	18	184.632	0.032	2.2	0.0412	0.0000	OK
30 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC46	25	185.349	0.649	3.8	1.4918	0.0000	SURCHARGED
30 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC48	23	185.428	0.628	2.7	0.9483	0.0000	SURCHARGED
30 minute summer	FC49	23	185.429	0.629	2.7	0.9530	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC35	37.000	J31	0.8	0.955	0.055	0.0121
30 minute summer	FC36	38.000	J32	0.8	1.028	0.050	0.0109
30 minute summer	FC37	39.000	J33	0.8	0.689	0.090	0.0076
30 minute summer	FC38	40.000	J34	0.3	0.647	0.023	0.0021
30 minute summer	FC39	41.000	J35	0.7	0.948	0.051	0.0035
30 minute summer	FC40	42.000	J36	0.8	1.168	0.040	0.0033
30 minute summer	FC41	43.000	J37	0.8	0.769	0.075	0.0052
30 minute summer	FC42	44.000	J38	0.8	0.669	0.091	0.0172
30 minute summer	FC43	45.000	J39	0.8	0.782	0.073	0.0124
30 minute summer	FC44	46.000	J40	2.2	1.065	0.196	0.0091
30 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
30 minute summer	FC46	48.000	S20	0.8	0.503	0.134	0.0146
30 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0087
30 minute summer	FC48	50.000	J42	0.8	0.660	0.057	0.0115
30 minute summer	FC49	51.000	S21	0.8	0.511	0.133	0.0067

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC50	23	185.429	0.629	2.7	0.9531	0.0000	SURCHARGED
30 minute summer	FC51	23	185.478	0.628	2.7	0.9531	0.0000	SURCHARGED
30 minute summer	FC52	24	185.889	0.639	3.3	1.2252	0.0000	SURCHARGED
30 minute summer	FC53	23	185.878	0.628	2.7	0.9502	0.0000	SURCHARGED
30 minute summer	FC54	22	185.806	0.556	2.2	0.7172	0.0000	SURCHARGED
30 minute summer	FC55	22	185.805	0.555	2.2	0.7163	0.0000	SURCHARGED
30 minute summer	FC56	23	185.978	0.628	2.7	0.9482	0.0000	SURCHARGED
30 minute summer	FC57	23	185.978	0.628	2.7	0.9484	0.0000	SURCHARGED
30 minute summer	FC58	22	185.905	0.555	2.2	0.7165	0.0000	SURCHARGED
30 minute summer	FC59	22	185.905	0.555	2.2	0.7168	0.0000	SURCHARGED
30 minute summer	FC60	23	185.979	0.628	2.7	0.9490	0.0000	SURCHARGED
30 minute summer	FC61	23	185.929	0.629	2.7	0.9502	0.0000	SURCHARGED
30 minute summer	FC62	25	185.902	0.652	4.1	1.6305	0.0000	SURCHARGED
30 minute summer	FC63	22	185.958	0.558	2.2	0.7205	0.0000	SURCHARGED
30 minute summer	FC64	23	185.711	0.711	2.7	0.9460	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC50	52.000	J43	0.8	0.511	0.133	0.0072
30 minute summer	FC51	55.000	S22	0.8	0.514	0.133	0.0094
30 minute summer	FC52	58.000	S23	0.8	0.751	0.079	0.0058
30 minute summer	FC53	61.000	J50	0.8	0.703	0.085	0.0048
30 minute summer	FC54	62.000	J51	0.7	0.766	0.069	0.0038
30 minute summer	FC55	64.000	J53	0.7	0.969	0.050	0.0032
30 minute summer	FC56	53.000	J44	0.8	1.020	0.051	0.0051
30 minute summer	FC57	54.000	J45	0.8	0.956	0.056	0.0054
30 minute summer	FC58	56.000	J46	0.7	0.902	0.055	0.0051
30 minute summer	FC59	57.000	J47	0.7	0.836	0.062	0.0057
30 minute summer	FC60	59.000	J48	0.8	0.842	0.067	0.0062
30 minute summer	FC61	60.000	J49	0.8	0.675	0.091	0.0086
30 minute summer	FC62	63.000	J52	0.8	0.625	0.105	0.0120
30 minute summer	FC63	65.000	S26	0.7	0.515	0.125	0.0041
30 minute summer	FC64	66.000	J54	0.8	0.360	0.142	0.0063

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC65	23	185.779	0.629	2.7	0.9473	0.0000	SURCHARGED
30 minute summer	FC66	23	185.629	0.629	2.7	0.9521	0.0000	SURCHARGED
30 minute summer	FC67	30	184.903	0.102	2.2	1.0574	0.0000	SURCHARGED
30 minute summer	FC68	22	185.106	0.556	2.2	0.7182	0.0000	SURCHARGED
30 minute summer	J1	19	188.282	0.082	6.5	0.1102	0.0000	OK
30 minute summer	J2	19	188.222	0.116	7.0	0.1315	0.0000	SURCHARGED
30 minute summer	J3	19	188.128	0.082	7.8	0.0924	0.0000	OK
30 minute summer	J4	20	188.094	0.059	8.4	0.0663	0.0000	OK
30 minute summer	J5	20	187.961	0.051	9.2	0.0578	0.0000	OK
30 minute summer	J6	20	187.734	0.084	9.9	0.0950	0.0000	OK
30 minute summer	J7	20	187.696	0.096	10.6	0.1086	0.0000	OK
30 minute summer	J8	20	187.662	0.069	11.4	0.0780	0.0000	OK
30 minute summer	J9	21	187.368	0.093	12.0	0.1046	0.0000	OK
30 minute summer	J10	21	187.325	0.055	12.8	0.0622	0.0000	OK
30 minute summer	J11	21	187.202	0.081	13.6	0.0911	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC65	67.000	J55	0.8	0.691	0.042	0.0056
30 minute summer	FC66	68.000	S24	0.8	0.573	0.109	0.0029
30 minute summer	FC67	69.000	J56	0.3	0.382	0.050	0.0016
30 minute summer	FC68	70.000	J57	0.7	0.662	0.082	0.0025
30 minute summer	J1	1.001	J2	6.4	0.837	0.768	0.0368
30 minute summer	J2	1.002	J3	7.0	0.904	1.187	0.0077
30 minute summer	J3	1.003	J4	7.8	0.966	0.587	0.0158
30 minute summer	J4	1.004	J5	8.5	1.452	0.252	0.0206
30 minute summer	J5	1.005	J6	9.2	1.209	0.242	0.0438
30 minute summer	J6	1.006	J7	9.9	0.900	0.349	0.0217
30 minute summer	J7	1.007	J8	10.6	1.069	0.761	0.0112
30 minute summer	J8	1.008	J9	11.4	1.512	0.376	0.0636
30 minute summer	J9	1.009	J10	12.1	1.067	0.361	0.0137
30 minute summer	J10	1.010	J11	12.9	1.307	0.100	0.0248
30 minute summer	J11	1.011	S2	13.6	0.754	0.212	0.0991

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J12	19	186.903	0.094	19.3	0.1059	0.0000	OK
30 minute summer	J13	20	186.865	0.163	19.5	0.1842	0.0000	OK
30 minute summer	J14	20	186.847	0.152	20.3	0.1723	0.0000	OK
30 minute summer	J15	20	186.823	0.135	20.9	0.1528	0.0000	OK
30 minute summer	J16	20	186.780	0.110	21.6	0.1248	0.0000	OK
30 minute summer	J17	20	186.439	0.081	22.3	0.0915	0.0000	OK
30 minute summer	J18	20	186.290	0.096	26.5	0.1084	0.0000	OK
30 minute summer	J19	20	186.177	0.150	27.2	0.1694	0.0000	OK
30 minute summer	J20	24	185.961	0.030	1.0	0.0337	0.0000	OK
30 minute summer	J21	24	185.933	0.038	1.8	0.0434	0.0000	OK
30 minute summer	J22	25	185.870	0.052	2.6	0.0584	0.0000	OK
30 minute summer	J23	25	185.835	0.052	2.9	0.0593	0.0000	OK
30 minute summer	J24	19	185.750	0.100	8.3	0.1131	0.0000	OK
30 minute summer	J25	19	185.722	0.107	9.0	0.1206	0.0000	OK
30 minute summer	J26	19	185.692	0.105	9.7	0.1192	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J12	1.013	J13	19.3	0.834	0.288	0.1498
30 minute summer	J13	1.014	J14	19.5	0.660	0.623	0.0563
30 minute summer	J14	1.015	J15	20.3	0.756	0.649	0.0513
30 minute summer	J15	1.016	J16	20.9	0.946	0.684	0.1134
30 minute summer	J16	1.017	J17	21.6	1.245	0.359	0.0583
30 minute summer	J17	1.018	S3	22.3	1.168	0.153	0.0366
30 minute summer	J18	1.020	J19	26.5	1.958	0.204	0.0206
30 minute summer	J19	1.021	S4	27.2	0.861	0.493	0.1390
30 minute summer	J20	23.002	J21	1.0	0.443	0.177	0.0089
30 minute summer	J21	23.003	J22	1.8	0.535	0.309	0.0274
30 minute summer	J22	23.004	J23	2.6	0.636	0.439	0.0148
30 minute summer	J23	23.005	S18	2.9	0.729	0.494	0.0301
30 minute summer	J24	23.007	J25	8.2	0.645	0.620	0.0799
30 minute summer	J25	23.008	J26	9.0	0.674	0.675	0.0661
30 minute summer	J26	23.009	S19	9.7	0.794	0.729	0.0452

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J27	19	185.583	0.121	15.7	0.1374	0.0000	OK
30 minute summer	J28	20	186.507	0.151	6.4	0.1712	0.0000	SURCHARGED
30 minute summer	J29	20	186.392	0.121	6.9	0.1366	0.0000	SURCHARGED
30 minute summer	J30	21	186.248	0.101	8.4	0.1144	0.0000	OK
30 minute summer	J31	21	186.219	0.100	9.2	0.1129	0.0000	OK
30 minute summer	J32	21	186.161	0.097	10.0	0.1093	0.0000	OK
30 minute summer	J33	19	185.676	0.066	14.1	0.0741	0.0000	OK
30 minute summer	J34	19	185.242	0.117	20.0	0.1328	0.0000	OK
30 minute summer	J35	19	185.155	0.080	20.7	0.0908	0.0000	OK
30 minute summer	J36	19	184.997	0.122	21.4	0.1383	0.0000	OK
30 minute summer	J37	19	184.714	0.139	25.9	0.1574	0.0000	OK
30 minute summer	J38	19	184.570	0.195	28.7	0.2209	0.0000	OK
30 minute summer	J39	20	184.521	0.183	29.2	0.2073	0.0000	OK
30 minute summer	J40	20	184.480	0.155	31.0	0.1757	0.0000	OK
30 minute summer	J41	18	184.641	0.044	2.2	0.0494	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J27	23.011	S4	15.7	0.792	0.525	0.0473
30 minute summer	J28	32.001	J29	6.2	0.790	1.044	0.0691
30 minute summer	J29	32.002	S12	6.8	0.881	1.152	0.0346
30 minute summer	J30	32.004	J31	8.4	0.670	0.633	0.0624
30 minute summer	J31	32.005	J32	9.2	0.750	0.690	0.1191
30 minute summer	J32	32.006	S13	10.0	1.026	0.748	0.0530
30 minute summer	J33	32.008	S14	14.1	1.119	0.395	0.1135
30 minute summer	J34	32.010	J35	20.0	1.194	0.520	0.1518
30 minute summer	J35	32.011	J36	20.7	1.195	0.232	0.1193
30 minute summer	J36	32.012	S15	21.4	1.261	0.714	0.0420
30 minute summer	J37	32.014	S16	25.9	1.285	0.850	0.1051
30 minute summer	J38	32.016	J39	28.4	0.798	0.941	0.3850
30 minute summer	J39	32.017	J40	29.1	0.907	0.944	0.1168
30 minute summer	J40	32.018	S10	31.0	1.124	0.719	0.2638
30 minute summer	J41	48.002	J42	2.1	0.608	0.356	0.0219

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J42	19	184.586	0.049	2.8	0.0553	0.0000	OK
30 minute summer	J43	20	184.442	0.082	5.3	0.0925	0.0000	OK
30 minute summer	J44	20	184.429	0.079	6.0	0.0897	0.0000	OK
30 minute summer	J45	20	184.413	0.113	6.8	0.1281	0.0000	OK
30 minute summer	J46	20	184.387	0.115	9.8	0.1305	0.0000	OK
30 minute summer	J47	20	184.360	0.112	10.5	0.1261	0.0000	OK
30 minute summer	J48	21	184.286	0.132	13.0	0.1492	0.0000	OK
30 minute summer	J49	21	184.273	0.144	13.6	0.1633	0.0000	OK
30 minute summer	J50	21	184.264	0.139	14.3	0.1572	0.0000	OK
30 minute summer	J51	21	184.250	0.142	15.1	0.1601	0.0000	OK
30 minute summer	J52	21	184.236	0.132	15.8	0.1493	0.0000	OK
30 minute summer	J53	21	184.211	0.124	16.5	0.1399	0.0000	OK
30 minute summer	J54	19	185.028	0.049	2.4	0.0557	0.0000	OK
30 minute summer	J55	20	184.999	0.055	3.1	0.0621	0.0000	OK
30 minute summer	J56	20	184.134	0.167	26.3	0.1891	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J42	48.003	S21	2.8	0.575	0.483	0.0402
30 minute summer	J43	48.005	J44	5.2	0.568	0.374	0.0155
30 minute summer	J44	48.006	J45	6.0	0.506	0.450	0.1041
30 minute summer	J45	48.007	S22	6.8	0.479	0.499	0.0348
30 minute summer	J46	48.009	J47	9.8	0.685	0.734	0.0602
30 minute summer	J47	48.010	S23	10.4	0.810	0.784	0.0340
30 minute summer	J48	48.012	J49	12.8	0.514	0.429	0.1903
30 minute summer	J49	48.013	J50	13.6	0.520	0.442	0.0299
30 minute summer	J50	48.014	J51	14.3	0.554	0.480	0.1320
30 minute summer	J51	48.015	J52	15.0	0.596	0.491	0.0287
30 minute summer	J52	48.016	J53	15.8	0.680	0.519	0.1134
30 minute summer	J53	48.017	S24	16.5	0.811	0.547	0.2089
30 minute summer	J54	65.002	J55	2.4	0.582	0.401	0.0150
30 minute summer	J55	65.003	S24	3.2	0.741	0.535	0.0334
30 minute summer	J56	48.019	J57	26.3	0.665	0.485	0.3602

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Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J57	20	184.108	0.163	27.0	0.1838	0.0000	OK
30 minute summer	BASIN 1	84	185.491	0.491	43.7	58.7612	0.0000	SURCHARGED
30 minute summer	BASIN 2	270	184.420	0.120	1.1	10.7139	0.0000	OK
30 minute summer	BASIN 3	102	183.155	0.055	36.1	38.3955	0.0000	OK
30 minute summer	BASIN 4	107	183.646	0.316	26.9	41.9033	0.0000	SURCHARGED
30 minute summer	SWALE 1	86	184.960	0.028	1.0	0.0317	0.0000	OK
30 minute summer	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWALE 3	20	184.228	0.158	36.1	0.1792	0.0000	OK
30 minute summer	BH1	270	184.420	0.343	0.9	1.7981	0.0000	OK
30 minute summer	BH2	75	183.156	0.104	2.8	2.1223	0.0000	OK
30 minute summer	BH3	104	183.646	0.340	10.5	3.1936	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J57	48.020	S25	27.0	0.732	0.500	0.2920
30 minute summer	BASIN 1	1.023	S5	1.9	0.269	0.035	0.6013
30 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
30 minute summer	BASIN 2	71.000	BH1	0.9	0.520	0.147	0.1829
30 minute summer	BASIN 3	1.034	BH2	2.8	0.492	0.034	0.4706
30 minute summer	BASIN 4	48.022	BH3	10.5	1.000	0.197	0.7181
30 minute summer	SWALE 1	1.025	S6	1.0	0.293	0.018	0.1263
30 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
30 minute summer	SWALE 3	1.033	BASIN 3	36.1	1.005	0.520	1.5520
30 minute summer	BH1	Infiltration		0.1			
30 minute summer	BH2	Infiltration		0.2			
30 minute summer	BH3	Infiltration		0.2			

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S1	18	188.408	0.038	2.7	0.0516	0.0000	OK
30 minute winter	S2	20	187.173	0.133	18.5	0.1964	0.0000	OK
30 minute winter	S3	20	186.352	0.140	25.8	0.1824	0.0000	OK
30 minute winter	S4	88	185.544	0.166	43.5	0.1971	0.0000	OK
30 minute winter	S5	88	185.544	0.564	2.2	0.6377	0.0000	SURCHARGED
30 minute winter	S6	91	184.873	0.029	1.0	0.0332	0.0000	OK
30 minute winter	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S9	20	184.301	0.101	0.6	0.1147	0.0000	OK
30 minute winter	S10	20	184.301	0.117	35.7	0.1790	0.0000	OK
30 minute winter	S11	20	186.543	0.143	6.1	0.2329	0.0000	SURCHARGED
30 minute winter	S12	21	186.271	0.095	7.4	0.1071	0.0000	OK
30 minute winter	S13	19	186.105	0.071	13.2	0.1011	0.0000	OK
30 minute winter	S14	19	185.425	0.175	19.3	0.2751	0.0000	SURCHARGED
30 minute winter	S15	19	184.949	0.082	24.4	0.1146	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	S1	1.000	J1	2.7	0.614	0.309	0.0364
30 minute winter	S2	1.012	J12	18.5	0.834	0.620	0.0332
30 minute winter	S3	1.019	J18	25.7	1.219	0.841	0.1082
30 minute winter	S4	1.022	BASIN 1	43.6	2.075	0.260	0.9230
30 minute winter	S5	1.024	SWALE 1	1.0	0.303	0.019	0.0701
30 minute winter	S6	1.026	BASIN 2	1.0	0.345	0.019	0.0173
30 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
30 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.1257
30 minute winter	S9	1.031	S10	-0.6	-0.129	-0.011	0.1552
30 minute winter	S10	1.032	SWALE 3	35.5	1.148	0.197	0.1366
30 minute winter	S11	32.000	J28	5.7	0.739	0.955	0.0355
30 minute winter	S12	32.003	J30	7.4	0.617	0.557	0.0613
30 minute winter	S13	32.007	J33	13.2	1.693	0.408	0.1011
30 minute winter	S14	32.009	J34	19.3	1.102	1.111	0.0878
30 minute winter	S15	32.013	J37	24.4	1.274	0.265	0.1792

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S16	19	184.645	0.088	27.1	0.1118	0.0000	OK
30 minute winter	S17	30	186.016	0.016	0.3	0.0183	0.0000	OK
30 minute winter	S18	19	185.764	0.103	7.5	0.1450	0.0000	OK
30 minute winter	S19	19	185.613	0.122	14.5	0.1677	0.0000	OK
30 minute winter	S20	19	184.685	0.043	2.0	0.0518	0.0000	OK
30 minute winter	S21	19	184.529	0.070	4.4	0.0829	0.0000	OK
30 minute winter	S22	20	184.405	0.119	9.1	0.1456	0.0000	OK
30 minute winter	S23	21	184.296	0.138	12.3	0.1629	0.0000	OK
30 minute winter	S24	20	184.155	0.177	26.7	0.2577	0.0000	OK
30 minute winter	S25	21	184.077	0.150	27.5	0.1702	0.0000	OK
30 minute winter	S26	18	185.407	0.030	1.6	0.0362	0.0000	OK
30 minute winter	FC1	25	188.889	0.639	2.5	1.0825	0.0000	SURCHARGED
30 minute winter	FC2	25	188.789	0.639	2.5	1.0959	0.0000	SURCHARGED
30 minute winter	FC3	28	188.864	0.664	3.9	2.0333	0.0000	SURCHARGED
30 minute winter	FC4	24	188.819	0.618	2.0	0.7985	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	S16	32.015	J38	27.1	1.050	0.185	0.0583
30 minute winter	S17	23.001	J20	0.3	0.351	0.057	0.0103
30 minute winter	S18	23.006	J24	7.4	0.600	0.541	0.0230
30 minute winter	S19	23.010	J27	14.5	0.666	0.483	0.1935
30 minute winter	S20	48.001	J41	2.0	0.633	0.334	0.0146
30 minute winter	S21	48.004	J43	4.4	0.787	0.740	0.0284
30 minute winter	S22	48.008	J46	9.1	0.619	0.679	0.0360
30 minute winter	S23	48.011	J48	12.2	0.504	0.396	0.0281
30 minute winter	S24	48.018	J56	26.7	0.632	0.499	0.1790
30 minute winter	S25	48.021	BASIN 4	27.6	0.866	0.500	0.1017
30 minute winter	S26	65.001	J54	1.6	0.832	0.184	0.0165
30 minute winter	FC1	2.000	J1	0.8	0.564	0.128	0.0181
30 minute winter	FC2	3.000	J2	1.0	0.352	0.171	0.0308
30 minute winter	FC3	4.000	J3	0.8	0.550	0.127	0.0160
30 minute winter	FC4	5.000	J4	0.8	0.614	0.103	0.0093

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC5	25	188.637	0.637	2.5	1.0840	0.0000	SURCHARGED
30 minute winter	FC6	24	188.468	0.618	2.0	0.7976	0.0000	SURCHARGED
30 minute winter	FC7	24	188.369	0.619	2.0	0.7987	0.0000	SURCHARGED
30 minute winter	FC8	25	188.388	0.638	2.5	1.0802	0.0000	SURCHARGED
30 minute winter	FC9	24	188.089	0.619	2.0	0.8001	0.0000	SURCHARGED
30 minute winter	FC10	26	188.128	0.658	3.4	1.6885	0.0000	SURCHARGED
30 minute winter	FC11	24	187.949	0.629	2.2	0.9317	0.0000	SURCHARGED
30 minute winter	FC12	24	187.859	0.629	2.2	0.9317	0.0000	SURCHARGED
30 minute winter	FC13	25	187.640	0.639	2.5	1.0833	0.0000	SURCHARGED
30 minute winter	FC14	31	187.023	0.123	2.5	1.5777	0.0000	SURCHARGED
30 minute winter	FC15	24	187.816	0.616	2.0	0.7950	0.0000	SURCHARGED
30 minute winter	FC16	24	187.519	0.619	2.0	0.7995	0.0000	SURCHARGED
30 minute winter	FC17	24	187.617	0.617	2.0	0.7961	0.0000	SURCHARGED
30 minute winter	FC18	24	187.169	0.619	2.0	0.8001	0.0000	SURCHARGED
30 minute winter	FC19	25	187.040	0.640	2.5	1.0834	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC5	6.000	J5	0.8	0.511	0.133	0.0064
30 minute winter	FC6	7.000	J6	0.8	0.674	0.090	0.0121
30 minute winter	FC7	8.000	J7	0.8	0.571	0.110	0.0169
30 minute winter	FC8	9.000	J8	0.8	0.727	0.082	0.0046
30 minute winter	FC9	10.000	J9	0.8	0.516	0.131	0.0109
30 minute winter	FC10	11.000	J10	0.8	0.561	0.121	0.0089
30 minute winter	FC11	12.000	J11	0.8	0.515	0.133	0.0118
30 minute winter	FC12	13.000	S2	0.8	0.515	0.133	0.0105
30 minute winter	FC13	14.000	J12	0.8	0.517	0.134	0.0105
30 minute winter	FC14	15.000	J13	0.3	0.404	0.056	0.0130
30 minute winter	FC15	16.000	J14	0.8	1.096	0.045	0.0056
30 minute winter	FC16	17.000	J15	0.8	0.549	0.121	0.0108
30 minute winter	FC17	18.000	J16	0.8	0.871	0.062	0.0043
30 minute winter	FC18	19.000	J17	0.8	0.513	0.132	0.0106
30 minute winter	FC19	20.000	S3	0.8	0.515	0.134	0.0102

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC20	25	187.587	0.637	2.5	1.0779	0.0000	SURCHARGED
30 minute winter	FC21	25	186.938	0.638	2.5	1.0835	0.0000	SURCHARGED
30 minute winter	FC22	30	186.573	0.123	2.0	1.1911	0.0000	SURCHARGED
30 minute winter	FC23	24	186.919	0.619	2.0	0.7998	0.0000	SURCHARGED
30 minute winter	FC24	25	186.938	0.638	2.5	1.0816	0.0000	SURCHARGED
30 minute winter	FC25	25	187.188	0.638	2.5	1.0779	0.0000	SURCHARGED
30 minute winter	FC26	30	186.569	0.119	2.0	1.1983	0.0000	SURCHARGED
30 minute winter	FC27	24	187.116	0.616	2.0	0.7950	0.0000	SURCHARGED
30 minute winter	FC28	25	187.137	0.637	2.5	1.0780	0.0000	SURCHARGED
30 minute winter	FC29	25	187.144	0.644	2.7	1.2271	0.0000	SURCHARGED
30 minute winter	FC30	25	187.387	0.637	2.5	1.0780	0.0000	SURCHARGED
30 minute winter	FC31	24	187.069	0.619	2.0	0.8005	0.0000	SURCHARGED
30 minute winter	FC32	24	187.067	0.617	2.0	0.7959	0.0000	SURCHARGED
30 minute winter	FC33	25	187.089	0.639	2.5	1.0777	0.0000	SURCHARGED
30 minute winter	FC34	25	187.089	0.639	2.5	1.0831	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC20	21.000	J18	0.8	1.042	0.050	0.0033
30 minute winter	FC21	22.000	J19	0.8	0.516	0.134	0.0117
30 minute winter	FC22	23.000	S17	0.3	0.580	0.018	0.0028
30 minute winter	FC23	24.000	J20	0.8	0.534	0.124	0.0067
30 minute winter	FC24	25.000	J21	0.8	0.603	0.107	0.0061
30 minute winter	FC25	26.000	J22	0.8	1.034	0.050	0.0037
30 minute winter	FC26	27.000	J23	0.3	0.706	0.025	0.0022
30 minute winter	FC27	28.000	J24	0.8	1.133	0.043	0.0031
30 minute winter	FC28	29.000	J25	0.8	1.039	0.050	0.0033
30 minute winter	FC29	30.000	J26	0.8	1.012	0.052	0.0037
30 minute winter	FC30	31.000	J27	0.8	0.969	0.055	0.0036
30 minute winter	FC31	33.000	J28	1.1	0.537	0.117	0.0236
30 minute winter	FC32	34.000	J29	0.8	0.410	0.062	0.0181
30 minute winter	FC33	35.000	S12	0.8	0.952	0.056	0.0087
30 minute winter	FC34	36.000	J30	0.8	0.529	0.128	0.0071

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC35	25	187.087	0.637	2.5	1.0779	0.0000	SURCHARGED
30 minute winter	FC36	25	187.092	0.642	2.7	1.2271	0.0000	SURCHARGED
30 minute winter	FC37	26	186.455	0.655	3.2	1.5323	0.0000	SURCHARGED
30 minute winter	FC38	30	185.552	0.102	2.0	1.2285	0.0000	SURCHARGED
30 minute winter	FC39	24	186.066	0.616	2.0	0.7957	0.0000	SURCHARGED
30 minute winter	FC40	25	186.093	0.593	2.5	1.0882	0.0000	SURCHARGED
30 minute winter	FC41	25	185.486	0.636	2.5	1.0796	0.0000	SURCHARGED
30 minute winter	FC42	25	185.236	0.636	2.5	1.0807	0.0000	SURCHARGED
30 minute winter	FC43	25	185.224	0.624	2.5	1.0819	0.0000	SURCHARGED
30 minute winter	FC44	18	184.630	0.030	2.0	0.0391	0.0000	OK
30 minute winter	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC46	26	185.358	0.658	3.4	1.6886	0.0000	SURCHARGED
30 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC48	25	185.438	0.638	2.5	1.0779	0.0000	SURCHARGED
30 minute winter	FC49	25	185.438	0.638	2.5	1.0837	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC35	37.000	J31	0.8	0.957	0.056	0.0117
30 minute winter	FC36	38.000	J32	0.8	1.030	0.051	0.0107
30 minute winter	FC37	39.000	J33	0.8	0.690	0.091	0.0077
30 minute winter	FC38	40.000	J34	0.3	0.662	0.024	0.0022
30 minute winter	FC39	41.000	J35	0.8	0.962	0.054	0.0036
30 minute winter	FC40	42.000	J36	0.8	1.171	0.040	0.0033
30 minute winter	FC41	43.000	J37	0.8	0.771	0.076	0.0052
30 minute winter	FC42	44.000	J38	0.8	0.671	0.092	0.0164
30 minute winter	FC43	45.000	J39	0.8	0.782	0.073	0.0118
30 minute winter	FC44	46.000	J40	2.0	1.039	0.178	0.0085
30 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
30 minute winter	FC46	48.000	S20	0.8	0.504	0.135	0.0140
30 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0083
30 minute winter	FC48	50.000	J42	0.8	0.679	0.057	0.0113
30 minute winter	FC49	51.000	S21	0.8	0.512	0.134	0.0067

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC50	25	185.438	0.638	2.5	1.0837	0.0000	SURCHARGED
30 minute winter	FC51	25	185.486	0.636	2.5	1.0841	0.0000	SURCHARGED
30 minute winter	FC52	26	185.896	0.646	2.9	1.3679	0.0000	SURCHARGED
30 minute winter	FC53	25	185.888	0.638	2.5	1.0803	0.0000	SURCHARGED
30 minute winter	FC54	24	185.867	0.617	2.0	0.7968	0.0000	SURCHARGED
30 minute winter	FC55	24	185.866	0.616	2.0	0.7956	0.0000	SURCHARGED
30 minute winter	FC56	25	185.987	0.637	2.5	1.0780	0.0000	SURCHARGED
30 minute winter	FC57	25	185.988	0.638	2.5	1.0780	0.0000	SURCHARGED
30 minute winter	FC58	24	185.967	0.616	2.0	0.7959	0.0000	SURCHARGED
30 minute winter	FC59	24	185.967	0.617	2.0	0.7962	0.0000	SURCHARGED
30 minute winter	FC60	25	185.988	0.638	2.5	1.0788	0.0000	SURCHARGED
30 minute winter	FC61	25	185.938	0.638	2.5	1.0805	0.0000	SURCHARGED
30 minute winter	FC62	27	185.913	0.663	3.7	1.8760	0.0000	SURCHARGED
30 minute winter	FC63	24	186.020	0.619	2.0	0.8007	0.0000	SURCHARGED
30 minute winter	FC64	24	185.773	0.773	2.5	1.0650	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC50	52.000	J43	0.8	0.512	0.134	0.0072
30 minute winter	FC51	55.000	S22	0.8	0.515	0.134	0.0094
30 minute winter	FC52	58.000	S23	0.8	0.752	0.079	0.0058
30 minute winter	FC53	61.000	J50	0.8	0.705	0.085	0.0048
30 minute winter	FC54	62.000	J51	0.8	0.778	0.073	0.0040
30 minute winter	FC55	64.000	J53	0.8	0.984	0.052	0.0033
30 minute winter	FC56	53.000	J44	0.8	1.022	0.051	0.0051
30 minute winter	FC57	54.000	J45	0.8	0.958	0.056	0.0054
30 minute winter	FC58	56.000	J46	0.8	0.916	0.058	0.0053
30 minute winter	FC59	57.000	J47	0.8	0.849	0.065	0.0059
30 minute winter	FC60	59.000	J48	0.8	0.844	0.067	0.0062
30 minute winter	FC61	60.000	J49	0.8	0.677	0.092	0.0087
30 minute winter	FC62	63.000	J52	0.8	0.627	0.106	0.0121
30 minute winter	FC63	65.000	S26	0.8	0.535	0.132	0.0042
30 minute winter	FC64	66.000	J54	0.9	0.368	0.149	0.0063

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC65	25	185.789	0.639	2.5	1.0765	0.0000	SURCHARGED
30 minute winter	FC66	25	185.639	0.639	2.5	1.0825	0.0000	SURCHARGED
30 minute winter	FC67	30	184.917	0.117	2.0	1.2088	0.0000	SURCHARGED
30 minute winter	FC68	24	185.168	0.618	2.0	0.7979	0.0000	SURCHARGED
30 minute winter	J1	19	188.274	0.073	6.1	0.0993	0.0000	OK
30 minute winter	J2	19	188.218	0.112	6.8	0.1270	0.0000	SURCHARGED
30 minute winter	J3	19	188.126	0.080	7.5	0.0906	0.0000	OK
30 minute winter	J4	20	188.093	0.058	8.2	0.0651	0.0000	OK
30 minute winter	J5	20	187.960	0.050	9.0	0.0568	0.0000	OK
30 minute winter	J6	20	187.733	0.083	9.7	0.0936	0.0000	OK
30 minute winter	J7	20	187.695	0.095	10.4	0.1075	0.0000	OK
30 minute winter	J8	20	187.661	0.068	11.2	0.0773	0.0000	OK
30 minute winter	J9	21	187.367	0.092	11.9	0.1039	0.0000	OK
30 minute winter	J10	21	187.325	0.055	12.7	0.0617	0.0000	OK
30 minute winter	J11	21	187.201	0.080	13.5	0.0899	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC65	67.000	J55	0.8	0.819	0.043	0.0056
30 minute winter	FC66	68.000	S24	0.8	0.574	0.110	0.0029
30 minute winter	FC67	69.000	J56	0.3	0.389	0.054	0.0017
30 minute winter	FC68	70.000	J57	0.8	0.672	0.087	0.0027
30 minute winter	J1	1.001	J2	6.0	0.816	0.729	0.0351
30 minute winter	J2	1.002	J3	6.7	0.870	1.139	0.0077
30 minute winter	J3	1.003	J4	7.5	0.955	0.566	0.0154
30 minute winter	J4	1.004	J5	8.2	1.441	0.244	0.0201
30 minute winter	J5	1.005	J6	9.0	1.199	0.235	0.0429
30 minute winter	J6	1.006	J7	9.7	0.893	0.341	0.0214
30 minute winter	J7	1.007	J8	10.4	1.062	0.747	0.0110
30 minute winter	J8	1.008	J9	11.2	1.507	0.370	0.0628
30 minute winter	J9	1.009	J10	11.9	1.064	0.357	0.0136
30 minute winter	J10	1.010	J11	12.7	1.299	0.098	0.0244
30 minute winter	J11	1.011	S2	13.5	0.744	0.210	0.0989

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J12	20	186.902	0.093	19.3	0.1056	0.0000	OK
30 minute winter	J13	20	186.865	0.163	19.6	0.1842	0.0000	OK
30 minute winter	J14	20	186.847	0.152	20.3	0.1723	0.0000	OK
30 minute winter	J15	21	186.823	0.135	20.9	0.1528	0.0000	OK
30 minute winter	J16	21	186.781	0.111	21.7	0.1250	0.0000	OK
30 minute winter	J17	21	186.439	0.081	22.4	0.0917	0.0000	OK
30 minute winter	J18	20	186.290	0.096	26.5	0.1086	0.0000	OK
30 minute winter	J19	20	186.177	0.150	27.3	0.1695	0.0000	OK
30 minute winter	J20	25	185.962	0.031	1.1	0.0350	0.0000	OK
30 minute winter	J21	26	185.934	0.039	1.9	0.0444	0.0000	OK
30 minute winter	J22	26	185.871	0.053	2.7	0.0596	0.0000	OK
30 minute winter	J23	27	185.837	0.054	3.0	0.0605	0.0000	OK
30 minute winter	J24	19	185.749	0.099	8.1	0.1116	0.0000	OK
30 minute winter	J25	19	185.720	0.105	8.9	0.1192	0.0000	OK
30 minute winter	J26	20	185.692	0.105	9.6	0.1184	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J12	1.013	J13	19.3	0.830	0.288	0.1499
30 minute winter	J13	1.014	J14	19.5	0.658	0.622	0.0563
30 minute winter	J14	1.015	J15	20.2	0.756	0.648	0.0513
30 minute winter	J15	1.016	J16	20.9	0.945	0.683	0.1135
30 minute winter	J16	1.017	J17	21.7	1.247	0.360	0.0585
30 minute winter	J17	1.018	S3	22.4	1.164	0.154	0.0366
30 minute winter	J18	1.020	J19	26.5	1.946	0.204	0.0206
30 minute winter	J19	1.021	S4	27.2	0.862	0.494	0.1391
30 minute winter	J20	23.002	J21	1.1	0.452	0.188	0.0093
30 minute winter	J21	23.003	J22	1.9	0.541	0.321	0.0282
30 minute winter	J22	23.004	J23	2.7	0.639	0.452	0.0152
30 minute winter	J23	23.005	S18	3.0	0.734	0.511	0.0309
30 minute winter	J24	23.007	J25	8.1	0.638	0.608	0.0788
30 minute winter	J25	23.008	J26	8.8	0.671	0.664	0.0654
30 minute winter	J26	23.009	S19	9.6	0.793	0.723	0.0449

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J27	19	185.581	0.119	15.2	0.1351	0.0000	OK
30 minute winter	J28	20	186.493	0.137	6.1	0.1552	0.0000	SURCHARGED
30 minute winter	J29	21	186.387	0.116	6.7	0.1309	0.0000	SURCHARGED
30 minute winter	J30	21	186.247	0.100	8.2	0.1126	0.0000	OK
30 minute winter	J31	22	186.217	0.098	9.0	0.1113	0.0000	OK
30 minute winter	J32	21	186.160	0.096	9.8	0.1084	0.0000	OK
30 minute winter	J33	19	185.675	0.065	13.9	0.0737	0.0000	OK
30 minute winter	J34	19	185.241	0.116	19.5	0.1308	0.0000	OK
30 minute winter	J35	19	185.154	0.079	20.2	0.0893	0.0000	OK
30 minute winter	J36	21	184.998	0.123	20.9	0.1394	0.0000	OK
30 minute winter	J37	19	184.712	0.137	25.2	0.1550	0.0000	OK
30 minute winter	J38	19	184.567	0.192	27.9	0.2166	0.0000	OK
30 minute winter	J39	20	184.519	0.181	28.5	0.2042	0.0000	OK
30 minute winter	J40	20	184.478	0.153	30.3	0.1732	0.0000	OK
30 minute winter	J41	19	184.639	0.042	2.0	0.0476	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J27	23.011	S4	15.2	0.785	0.510	0.0464
30 minute winter	J28	32.001	J29	5.9	0.760	1.004	0.0691
30 minute winter	J29	32.002	S12	6.7	0.859	1.121	0.0344
30 minute winter	J30	32.004	J31	8.2	0.666	0.619	0.0614
30 minute winter	J31	32.005	J32	9.0	0.746	0.677	0.1175
30 minute winter	J32	32.006	S13	9.8	1.013	0.738	0.0528
30 minute winter	J33	32.008	S14	13.9	1.110	0.391	0.1132
30 minute winter	J34	32.010	J35	19.5	1.187	0.506	0.1487
30 minute winter	J35	32.011	J36	20.2	1.189	0.227	0.1175
30 minute winter	J36	32.012	S15	20.9	1.215	0.698	0.0412
30 minute winter	J37	32.014	S16	25.2	1.273	0.828	0.1031
30 minute winter	J38	32.016	J39	27.8	0.791	0.919	0.3791
30 minute winter	J39	32.017	J40	28.5	0.902	0.925	0.1150
30 minute winter	J40	32.018	S10	30.3	1.118	0.704	0.2595
30 minute winter	J41	48.002	J42	2.0	0.588	0.334	0.0212

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J42	20	184.585	0.048	2.8	0.0541	0.0000	OK
30 minute winter	J43	20	184.441	0.081	5.1	0.0915	0.0000	OK
30 minute winter	J44	20	184.429	0.079	5.9	0.0889	0.0000	OK
30 minute winter	J45	20	184.413	0.113	6.7	0.1278	0.0000	OK
30 minute winter	J46	20	184.388	0.116	9.8	0.1307	0.0000	OK
30 minute winter	J47	21	184.360	0.112	10.5	0.1266	0.0000	OK
30 minute winter	J48	21	184.288	0.133	13.0	0.1509	0.0000	OK
30 minute winter	J49	21	184.275	0.146	13.8	0.1648	0.0000	OK
30 minute winter	J50	21	184.265	0.140	14.5	0.1586	0.0000	OK
30 minute winter	J51	22	184.251	0.143	15.3	0.1615	0.0000	OK
30 minute winter	J52	22	184.237	0.133	16.0	0.1507	0.0000	OK
30 minute winter	J53	22	184.212	0.125	16.8	0.1415	0.0000	OK
30 minute winter	J54	20	185.028	0.049	2.4	0.0554	0.0000	OK
30 minute winter	J55	20	184.999	0.055	3.1	0.0619	0.0000	OK
30 minute winter	J56	20	184.136	0.169	26.9	0.1915	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J42	48.003	S21	2.7	0.573	0.465	0.0390
30 minute winter	J43	48.005	J44	5.1	0.563	0.368	0.0153
30 minute winter	J44	48.006	J45	5.9	0.505	0.442	0.1034
30 minute winter	J45	48.007	S22	6.7	0.483	0.495	0.0348
30 minute winter	J46	48.009	J47	9.8	0.684	0.734	0.0603
30 minute winter	J47	48.010	S23	10.5	0.812	0.790	0.0341
30 minute winter	J48	48.012	J49	13.0	0.510	0.435	0.1926
30 minute winter	J49	48.013	J50	13.8	0.520	0.449	0.0302
30 minute winter	J50	48.014	J51	14.5	0.554	0.486	0.1333
30 minute winter	J51	48.015	J52	15.2	0.598	0.497	0.0290
30 minute winter	J52	48.016	J53	16.0	0.681	0.525	0.1149
30 minute winter	J53	48.017	S24	16.8	0.814	0.557	0.2117
30 minute winter	J54	65.002	J55	2.3	0.577	0.397	0.0149
30 minute winter	J55	65.003	S24	3.1	0.740	0.531	0.0333
30 minute winter	J56	48.019	J57	26.9	0.668	0.495	0.3654

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Results for 30 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J57	21	184.110	0.164	27.6	0.1860	0.0000	OK
30 minute winter	BASIN 1	88	185.544	0.544	43.6	65.8394	0.0000	SURCHARGED
30 minute winter	BASIN 2	270	184.429	0.128	1.2	11.4580	0.0000	OK
30 minute winter	BASIN 3	108	183.162	0.062	35.4	43.3667	0.0000	OK
30 minute winter	BASIN 4	113	183.685	0.355	31.3	47.4388	0.0000	SURCHARGED
30 minute winter	SWALE 1	90	184.961	0.029	1.0	0.0325	0.0000	OK
30 minute winter	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
30 minute winter	SWALE 3	20	184.227	0.157	35.5	0.1770	0.0000	OK
30 minute winter	BH1	270	184.428	0.351	0.9	1.8215	0.0000	OK
30 minute winter	BH2	79	183.163	0.111	3.3	2.1580	0.0000	OK
30 minute winter	BH3	109	183.685	0.379	10.5	3.3753	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J57	48.020	S25	27.5	0.736	0.510	0.2964
30 minute winter	BASIN 1	1.023	S5	2.2	0.271	0.040	0.6013
30 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
30 minute winter	BASIN 2	71.000	BH1	0.9	0.525	0.153	0.1829
30 minute winter	BASIN 3	1.034	BH2	3.3	0.517	0.039	0.5300
30 minute winter	BASIN 4	48.022	BH3	10.5	0.997	0.196	0.7181
30 minute winter	SWALE 1	1.025	S6	1.0	0.297	0.019	0.1310
30 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
30 minute winter	SWALE 3	1.033	BASIN 3	35.4	1.000	0.510	1.5304
30 minute winter	BH1	Infiltration		0.1			
30 minute winter	BH2	Infiltration		0.2			
30 minute winter	BH3	Infiltration		0.2			

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.74%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S1	33	188.404	0.034	2.2	0.0463	0.0000	OK
60 minute summer	S2	35	187.163	0.124	16.2	0.1824	0.0000	OK
60 minute summer	S3	35	186.343	0.131	22.8	0.1700	0.0000	OK
60 minute summer	S4	106	185.599	0.221	38.3	0.2622	0.0000	OK
60 minute summer	S5	105	185.599	0.619	1.4	0.6998	0.0000	SURCHARGED
60 minute summer	S6	108	184.874	0.030	1.1	0.0340	0.0000	OK
60 minute summer	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
60 minute summer	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
60 minute summer	S9	35	184.290	0.090	0.4	0.1013	0.0000	OK
60 minute summer	S10	35	184.290	0.106	30.6	0.1611	0.0000	OK
60 minute summer	S11	33	186.484	0.084	5.1	0.1374	0.0000	OK
60 minute summer	S12	35	186.265	0.089	6.8	0.1004	0.0000	OK
60 minute summer	S13	34	186.101	0.067	12.0	0.0954	0.0000	OK
60 minute summer	S14	34	185.397	0.147	17.2	0.2311	0.0000	OK
60 minute summer	S15	34	184.943	0.076	20.7	0.1057	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	S1	1.000	J1	2.2	0.588	0.252	0.0307
60 minute summer	S2	1.012	J12	16.2	0.800	0.544	0.0303
60 minute summer	S3	1.019	J18	22.8	1.182	0.744	0.0989
60 minute summer	S4	1.022	BASIN 1	38.3	1.717	0.229	1.0535
60 minute summer	S5	1.024	SWALE 1	1.1	0.303	0.020	0.0725
60 minute summer	S6	1.026	BASIN 2	1.1	0.348	0.020	0.0180
60 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
60 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.1059
60 minute summer	S9	1.031	S10	-0.4	-0.083	-0.008	0.1328
60 minute summer	S10	1.032	SWALE 3	30.6	1.122	0.170	0.1202
60 minute summer	S11	32.000	J28	5.1	0.725	0.849	0.0324
60 minute summer	S12	32.003	J30	6.8	0.612	0.511	0.0570
60 minute summer	S13	32.007	J33	11.9	1.651	0.371	0.0941
60 minute summer	S14	32.009	J34	17.0	1.037	0.979	0.0856
60 minute summer	S15	32.013	J37	21.3	1.231	0.231	0.1625

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.74%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S16	35	184.638	0.081	23.5	0.1029	0.0000	OK
60 minute summer	S17	45	186.016	0.016	0.3	0.0180	0.0000	OK
60 minute summer	S18	34	185.754	0.093	6.5	0.1316	0.0000	OK
60 minute summer	S19	34	185.604	0.112	12.6	0.1541	0.0000	OK
60 minute summer	S20	34	184.682	0.040	1.8	0.0487	0.0000	OK
60 minute summer	S21	35	184.524	0.065	4.0	0.0772	0.0000	OK
60 minute summer	S22	36	184.396	0.110	8.2	0.1346	0.0000	OK
60 minute summer	S23	36	184.287	0.129	11.1	0.1521	0.0000	OK
60 minute summer	S24	36	184.142	0.165	23.8	0.2402	0.0000	OK
60 minute summer	S25	36	184.068	0.142	24.7	0.1604	0.0000	OK
60 minute summer	S26	34	185.405	0.028	1.4	0.0338	0.0000	OK
60 minute summer	FC1	40	188.876	0.626	2.0	0.9096	0.0000	SURCHARGED
60 minute summer	FC2	40	188.776	0.626	2.0	0.9174	0.0000	SURCHARGED
60 minute summer	FC3	43	188.855	0.655	3.3	1.8105	0.0000	SURCHARGED
60 minute summer	FC4	39	188.716	0.516	1.6	0.6664	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	S16	32.015	J38	23.5	1.040	0.160	0.0524
60 minute summer	S17	23.001	J20	0.3	0.353	0.055	0.0098
60 minute summer	S18	23.006	J24	6.5	0.585	0.474	0.0206
60 minute summer	S19	23.010	J27	12.6	0.641	0.420	0.1969
60 minute summer	S20	48.001	J41	1.8	0.617	0.300	0.0134
60 minute summer	S21	48.004	J43	4.0	0.772	0.671	0.0262
60 minute summer	S22	48.008	J46	8.2	0.604	0.612	0.0333
60 minute summer	S23	48.011	J48	11.1	0.493	0.359	0.0258
60 minute summer	S24	48.018	J56	23.7	0.615	0.444	0.1644
60 minute summer	S25	48.021	BASIN 4	24.7	0.837	0.447	0.0943
60 minute summer	S26	65.001	J54	1.4	0.802	0.161	0.0149
60 minute summer	FC1	2.000	J1	0.8	0.486	0.127	0.0153
60 minute summer	FC2	3.000	J2	0.9	0.305	0.156	0.0271
60 minute summer	FC3	4.000	J3	0.8	0.549	0.126	0.0137
60 minute summer	FC4	5.000	J4	0.7	0.598	0.094	0.0087

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.74%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC5	40	188.625	0.625	2.0	0.9107	0.0000	SURCHARGED
60 minute summer	FC6	39	188.365	0.515	1.6	0.6654	0.0000	SURCHARGED
60 minute summer	FC7	39	188.267	0.516	1.6	0.6668	0.0000	SURCHARGED
60 minute summer	FC8	40	188.375	0.625	2.0	0.9061	0.0000	SURCHARGED
60 minute summer	FC9	39	187.988	0.518	1.6	0.6685	0.0000	SURCHARGED
60 minute summer	FC10	42	188.119	0.649	2.9	1.4982	0.0000	SURCHARGED
60 minute summer	FC11	39	187.914	0.594	1.8	0.7786	0.0000	SURCHARGED
60 minute summer	FC12	39	187.824	0.594	1.8	0.7786	0.0000	SURCHARGED
60 minute summer	FC13	40	187.626	0.626	2.0	0.9103	0.0000	SURCHARGED
60 minute summer	FC14	47	187.019	0.119	2.0	1.5216	0.0000	SURCHARGED
60 minute summer	FC15	39	187.713	0.513	1.6	0.6626	0.0000	SURCHARGED
60 minute summer	FC16	39	187.417	0.517	1.6	0.6677	0.0000	SURCHARGED
60 minute summer	FC17	39	187.514	0.514	1.6	0.6637	0.0000	SURCHARGED
60 minute summer	FC18	39	187.068	0.518	1.6	0.6685	0.0000	SURCHARGED
60 minute summer	FC19	40	187.026	0.626	2.0	0.9105	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC5	6.000	J5	0.8	0.510	0.132	0.0064
60 minute summer	FC6	7.000	J6	0.7	0.658	0.082	0.0094
60 minute summer	FC7	8.000	J7	0.7	0.557	0.100	0.0142
60 minute summer	FC8	9.000	J8	0.8	0.725	0.081	0.0045
60 minute summer	FC9	10.000	J9	0.7	0.503	0.119	0.0102
60 minute summer	FC10	11.000	J10	0.8	0.560	0.121	0.0089
60 minute summer	FC11	12.000	J11	0.8	0.511	0.129	0.0116
60 minute summer	FC12	13.000	S2	0.8	0.511	0.129	0.0103
60 minute summer	FC13	14.000	J12	0.8	0.516	0.132	0.0104
60 minute summer	FC14	15.000	J13	0.3	0.402	0.055	0.0085
60 minute summer	FC15	16.000	J14	0.7	1.068	0.041	0.0033
60 minute summer	FC16	17.000	J15	0.7	0.535	0.110	0.0101
60 minute summer	FC17	18.000	J16	0.7	0.848	0.057	0.0041
60 minute summer	FC18	19.000	J17	0.7	0.500	0.120	0.0099
60 minute summer	FC19	20.000	S3	0.8	0.513	0.133	0.0101

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.74%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC20	40	187.575	0.625	2.0	0.9034	0.0000	SURCHARGED
60 minute summer	FC21	40	186.926	0.626	2.0	0.9104	0.0000	SURCHARGED
60 minute summer	FC22	44	186.565	0.115	1.6	1.1216	0.0000	SURCHARGED
60 minute summer	FC23	39	186.818	0.518	1.6	0.6681	0.0000	SURCHARGED
60 minute summer	FC24	40	186.926	0.626	2.0	0.9083	0.0000	SURCHARGED
60 minute summer	FC25	40	187.175	0.625	2.0	0.9035	0.0000	SURCHARGED
60 minute summer	FC26	44	186.562	0.112	1.6	1.1304	0.0000	SURCHARGED
60 minute summer	FC27	39	187.013	0.513	1.6	0.6625	0.0000	SURCHARGED
60 minute summer	FC28	40	187.125	0.625	2.0	0.9034	0.0000	SURCHARGED
60 minute summer	FC29	40	187.131	0.631	2.2	1.0257	0.0000	SURCHARGED
60 minute summer	FC30	40	187.375	0.625	2.0	0.9038	0.0000	SURCHARGED
60 minute summer	FC31	39	186.965	0.515	1.6	0.6651	0.0000	SURCHARGED
60 minute summer	FC32	39	186.964	0.514	1.6	0.6635	0.0000	SURCHARGED
60 minute summer	FC33	40	187.076	0.625	2.0	0.9037	0.0000	SURCHARGED
60 minute summer	FC34	40	187.076	0.626	2.0	0.9101	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC20	21.000	J18	0.8	1.039	0.049	0.0033
60 minute summer	FC21	22.000	J19	0.8	0.515	0.133	0.0116
60 minute summer	FC22	23.000	S17	0.3	0.574	0.017	0.0028
60 minute summer	FC23	24.000	J20	0.7	0.520	0.112	0.0063
60 minute summer	FC24	25.000	J21	0.8	0.601	0.106	0.0061
60 minute summer	FC25	26.000	J22	0.8	1.031	0.050	0.0036
60 minute summer	FC26	27.000	J23	0.3	0.699	0.024	0.0021
60 minute summer	FC27	28.000	J24	0.7	1.103	0.039	0.0029
60 minute summer	FC28	29.000	J25	0.8	1.037	0.049	0.0033
60 minute summer	FC29	30.000	J26	0.8	1.009	0.052	0.0037
60 minute summer	FC30	31.000	J27	0.8	0.966	0.054	0.0036
60 minute summer	FC31	33.000	J28	0.7	0.433	0.079	0.0177
60 minute summer	FC32	34.000	J29	0.7	0.335	0.056	0.0179
60 minute summer	FC33	35.000	S12	0.8	0.949	0.056	0.0074
60 minute summer	FC34	36.000	J30	0.8	0.527	0.127	0.0071

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.74%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC35	40	187.075	0.625	2.0	0.9037	0.0000	SURCHARGED
60 minute summer	FC36	40	187.081	0.630	2.2	1.0253	0.0000	SURCHARGED
60 minute summer	FC37	41	186.445	0.645	2.7	1.3445	0.0000	SURCHARGED
60 minute summer	FC38	48	185.547	0.097	1.6	1.1676	0.0000	OK
60 minute summer	FC39	39	185.964	0.514	1.6	0.6632	0.0000	SURCHARGED
60 minute summer	FC40	40	186.080	0.580	2.0	0.9111	0.0000	SURCHARGED
60 minute summer	FC41	40	185.475	0.625	2.0	0.9056	0.0000	SURCHARGED
60 minute summer	FC42	40	185.225	0.625	2.0	0.9069	0.0000	SURCHARGED
60 minute summer	FC43	40	185.221	0.621	2.0	0.9056	0.0000	SURCHARGED
60 minute summer	FC44	33	184.627	0.027	1.6	0.0347	0.0000	OK
60 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
60 minute summer	FC46	42	185.349	0.649	2.9	1.4994	0.0000	SURCHARGED
60 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute summer	FC48	40	185.425	0.625	2.0	0.9037	0.0000	SURCHARGED
60 minute summer	FC49	40	185.426	0.626	2.0	0.9107	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC35	37.000	J31	0.8	0.951	0.055	0.0104
60 minute summer	FC36	38.000	J32	0.8	1.026	0.050	0.0096
60 minute summer	FC37	39.000	J33	0.8	0.689	0.090	0.0076
60 minute summer	FC38	40.000	J34	0.3	0.656	0.024	0.0021
60 minute summer	FC39	41.000	J35	0.7	0.938	0.049	0.0034
60 minute summer	FC40	42.000	J36	0.8	1.168	0.040	0.0033
60 minute summer	FC41	43.000	J37	0.8	0.769	0.075	0.0051
60 minute summer	FC42	44.000	J38	0.8	0.669	0.091	0.0116
60 minute summer	FC43	45.000	J39	0.8	0.782	0.073	0.0082
60 minute summer	FC44	46.000	J40	1.6	0.979	0.142	0.0072
60 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
60 minute summer	FC46	48.000	S20	0.8	0.502	0.134	0.0132
60 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0076
60 minute summer	FC48	50.000	J42	0.8	0.602	0.056	0.0106
60 minute summer	FC49	51.000	S21	0.8	0.510	0.132	0.0067

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.74%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC50	40	185.426	0.626	2.0	0.9106	0.0000	SURCHARGED
60 minute summer	FC51	40	185.475	0.625	2.0	0.9106	0.0000	SURCHARGED
60 minute summer	FC52	41	185.888	0.637	2.5	1.1960	0.0000	SURCHARGED
60 minute summer	FC53	40	185.875	0.625	2.0	0.9065	0.0000	SURCHARGED
60 minute summer	FC54	39	185.765	0.515	1.6	0.6644	0.0000	SURCHARGED
60 minute summer	FC55	39	185.764	0.514	1.6	0.6631	0.0000	SURCHARGED
60 minute summer	FC56	40	185.975	0.625	2.0	0.9035	0.0000	SURCHARGED
60 minute summer	FC57	40	185.975	0.625	2.0	0.9038	0.0000	SURCHARGED
60 minute summer	FC58	39	185.864	0.514	1.6	0.6634	0.0000	SURCHARGED
60 minute summer	FC59	39	185.864	0.514	1.6	0.6638	0.0000	SURCHARGED
60 minute summer	FC60	40	185.975	0.625	2.0	0.9047	0.0000	SURCHARGED
60 minute summer	FC61	40	185.925	0.625	2.0	0.9068	0.0000	SURCHARGED
60 minute summer	FC62	42	185.902	0.652	3.1	1.6348	0.0000	SURCHARGED
60 minute summer	FC63	39	185.918	0.518	1.6	0.6692	0.0000	SURCHARGED
60 minute summer	FC64	40	185.680	0.680	2.0	0.9047	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC50	52.000	J43	0.8	0.511	0.132	0.0072
60 minute summer	FC51	55.000	S22	0.8	0.514	0.132	0.0094
60 minute summer	FC52	58.000	S23	0.8	0.751	0.079	0.0058
60 minute summer	FC53	61.000	J50	0.8	0.703	0.085	0.0048
60 minute summer	FC54	62.000	J51	0.7	0.758	0.066	0.0037
60 minute summer	FC55	64.000	J53	0.7	0.958	0.048	0.0031
60 minute summer	FC56	53.000	J44	0.8	1.019	0.051	0.0051
60 minute summer	FC57	54.000	J45	0.8	0.955	0.056	0.0054
60 minute summer	FC58	56.000	J46	0.7	0.892	0.053	0.0050
60 minute summer	FC59	57.000	J47	0.7	0.826	0.059	0.0055
60 minute summer	FC60	59.000	J48	0.8	0.842	0.067	0.0062
60 minute summer	FC61	60.000	J49	0.8	0.675	0.091	0.0086
60 minute summer	FC62	63.000	J52	0.8	0.625	0.105	0.0120
60 minute summer	FC63	65.000	S26	0.7	0.507	0.120	0.0039
60 minute summer	FC64	66.000	J54	0.8	0.357	0.138	0.0057

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.74%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC65	40	185.775	0.625	2.0	0.9027	0.0000	SURCHARGED
60 minute summer	FC66	40	185.626	0.626	2.0	0.9092	0.0000	SURCHARGED
60 minute summer	FC67	44	184.911	0.111	1.6	1.1425	0.0000	SURCHARGED
60 minute summer	FC68	39	185.066	0.516	1.6	0.6657	0.0000	SURCHARGED
60 minute summer	J1	33	188.262	0.062	5.1	0.0841	0.0000	OK
60 minute summer	J2	34	188.202	0.096	5.7	0.1090	0.0000	OK
60 minute summer	J3	34	188.120	0.074	6.5	0.0833	0.0000	OK
60 minute summer	J4	34	188.088	0.053	7.1	0.0598	0.0000	OK
60 minute summer	J5	35	187.956	0.046	7.8	0.0525	0.0000	OK
60 minute summer	J6	35	187.725	0.075	8.5	0.0852	0.0000	OK
60 minute summer	J7	35	187.688	0.088	9.1	0.0996	0.0000	OK
60 minute summer	J8	36	187.657	0.063	9.9	0.0718	0.0000	OK
60 minute summer	J9	36	187.361	0.086	10.6	0.0974	0.0000	OK
60 minute summer	J10	36	187.321	0.051	11.4	0.0576	0.0000	OK
60 minute summer	J11	36	187.195	0.074	12.1	0.0837	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC65	67.000	J55	0.8	0.695	0.042	0.0052
60 minute summer	FC66	68.000	S24	0.8	0.573	0.109	0.0029
60 minute summer	FC67	69.000	J56	0.3	0.386	0.053	0.0017
60 minute summer	FC68	70.000	J57	0.7	0.655	0.079	0.0025
60 minute summer	J1	1.001	J2	5.1	0.782	0.612	0.0321
60 minute summer	J2	1.002	J3	5.7	0.789	0.963	0.0074
60 minute summer	J3	1.003	J4	6.5	0.918	0.488	0.0138
60 minute summer	J4	1.004	J5	7.1	1.396	0.211	0.0180
60 minute summer	J5	1.005	J6	7.8	1.175	0.205	0.0383
60 minute summer	J6	1.006	J7	8.5	0.867	0.299	0.0193
60 minute summer	J7	1.007	J8	9.1	1.025	0.655	0.0101
60 minute summer	J8	1.008	J9	9.9	1.463	0.327	0.0572
60 minute summer	J9	1.009	J10	10.6	1.036	0.317	0.0124
60 minute summer	J10	1.010	J11	11.4	1.279	0.088	0.0221
60 minute summer	J11	1.011	S2	12.1	0.728	0.188	0.0900

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.74%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J12	35	186.895	0.086	17.0	0.0967	0.0000	OK
60 minute summer	J13	35	186.852	0.150	17.3	0.1699	0.0000	OK
60 minute summer	J14	35	186.836	0.141	17.9	0.1592	0.0000	OK
60 minute summer	J15	36	186.813	0.125	18.5	0.1415	0.0000	OK
60 minute summer	J16	36	186.773	0.103	19.2	0.1163	0.0000	OK
60 minute summer	J17	36	186.432	0.074	19.9	0.0837	0.0000	OK
60 minute summer	J18	35	186.283	0.089	23.5	0.1009	0.0000	OK
60 minute summer	J19	35	186.168	0.141	24.2	0.1590	0.0000	OK
60 minute summer	J20	41	185.961	0.030	1.0	0.0334	0.0000	OK
60 minute summer	J21	41	185.933	0.038	1.8	0.0432	0.0000	OK
60 minute summer	J22	42	185.870	0.051	2.6	0.0582	0.0000	OK
60 minute summer	J23	42	185.835	0.052	2.9	0.0592	0.0000	OK
60 minute summer	J24	34	185.740	0.090	7.1	0.1013	0.0000	OK
60 minute summer	J25	34	185.712	0.096	7.8	0.1091	0.0000	OK
60 minute summer	J26	35	185.684	0.097	8.5	0.1099	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J12	1.013	J13	17.0	0.809	0.254	0.1358
60 minute summer	J13	1.014	J14	17.2	0.635	0.549	0.0515
60 minute summer	J14	1.015	J15	17.9	0.733	0.573	0.0467
60 minute summer	J15	1.016	J16	18.5	0.919	0.605	0.1034
60 minute summer	J16	1.017	J17	19.2	1.211	0.319	0.0534
60 minute summer	J17	1.018	S3	19.9	1.142	0.137	0.0332
60 minute summer	J18	1.020	J19	23.5	1.951	0.181	0.0180
60 minute summer	J19	1.021	S4	24.2	0.831	0.439	0.1283
60 minute summer	J20	23.002	J21	1.0	0.441	0.174	0.0088
60 minute summer	J21	23.003	J22	1.8	0.533	0.306	0.0273
60 minute summer	J22	23.004	J23	2.6	0.634	0.436	0.0147
60 minute summer	J23	23.005	S18	2.9	0.728	0.494	0.0301
60 minute summer	J24	23.007	J25	7.1	0.622	0.534	0.0709
60 minute summer	J25	23.008	J26	7.8	0.650	0.587	0.0596
60 minute summer	J26	23.009	S19	8.6	0.764	0.644	0.0416

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.74%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J27	106	185.599	0.138	13.3	0.1558	0.0000	OK
60 minute summer	J28	34	186.445	0.089	5.6	0.1007	0.0000	OK
60 minute summer	J29	35	186.373	0.102	6.1	0.1152	0.0000	SURCHARGED
60 minute summer	J30	36	186.241	0.094	7.6	0.1062	0.0000	OK
60 minute summer	J31	36	186.212	0.093	8.3	0.1056	0.0000	OK
60 minute summer	J32	36	186.156	0.092	9.1	0.1038	0.0000	OK
60 minute summer	J33	35	185.672	0.062	12.7	0.0701	0.0000	OK
60 minute summer	J34	35	185.233	0.108	17.2	0.1220	0.0000	OK
60 minute summer	J35	35	185.148	0.073	17.9	0.0829	0.0000	OK
60 minute summer	J36	36	184.992	0.117	18.7	0.1324	0.0000	OK
60 minute summer	J37	35	184.702	0.127	22.1	0.1438	0.0000	OK
60 minute summer	J38	35	184.547	0.172	24.3	0.1941	0.0000	OK
60 minute summer	J39	35	184.502	0.164	25.0	0.1854	0.0000	OK
60 minute summer	J40	35	184.464	0.139	26.4	0.1577	0.0000	OK
60 minute summer	J41	34	184.637	0.039	1.8	0.0446	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J27	23.011	S4	13.3	0.753	0.445	0.0630
60 minute summer	J28	32.001	J29	5.5	0.749	0.932	0.0670
60 minute summer	J29	32.002	S12	6.1	0.818	1.024	0.0338
60 minute summer	J30	32.004	J31	7.6	0.656	0.570	0.0575
60 minute summer	J31	32.005	J32	8.3	0.731	0.627	0.1111
60 minute summer	J32	32.006	S13	9.1	0.981	0.686	0.0498
60 minute summer	J33	32.008	S14	12.7	1.064	0.357	0.1107
60 minute summer	J34	32.010	J35	17.2	1.154	0.447	0.1353
60 minute summer	J35	32.011	J36	17.9	1.125	0.201	0.1100
60 minute summer	J36	32.012	S15	18.8	1.218	0.626	0.0385
60 minute summer	J37	32.014	S16	22.1	1.229	0.727	0.0935
60 minute summer	J38	32.016	J39	24.3	0.764	0.804	0.3434
60 minute summer	J39	32.017	J40	25.0	0.878	0.812	0.1039
60 minute summer	J40	32.018	S10	26.4	1.084	0.612	0.2329
60 minute summer	J41	48.002	J42	1.8	0.568	0.300	0.0196

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.74%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J42	35	184.583	0.046	2.5	0.0515	0.0000	OK
60 minute summer	J43	36	184.435	0.075	4.7	0.0851	0.0000	OK
60 minute summer	J44	36	184.423	0.073	5.5	0.0821	0.0000	OK
60 minute summer	J45	36	184.404	0.104	6.2	0.1179	0.0000	OK
60 minute summer	J46	36	184.380	0.108	8.9	0.1216	0.0000	OK
60 minute summer	J47	36	184.353	0.105	9.6	0.1191	0.0000	OK
60 minute summer	J48	37	184.279	0.125	11.8	0.1411	0.0000	OK
60 minute summer	J49	37	184.267	0.138	12.6	0.1557	0.0000	OK
60 minute summer	J50	37	184.258	0.133	13.3	0.1500	0.0000	OK
60 minute summer	J51	37	184.244	0.136	14.0	0.1536	0.0000	OK
60 minute summer	J52	37	184.231	0.127	14.8	0.1434	0.0000	OK
60 minute summer	J53	37	184.206	0.119	15.5	0.1348	0.0000	OK
60 minute summer	J54	35	185.025	0.046	2.1	0.0520	0.0000	OK
60 minute summer	J55	36	184.996	0.052	2.9	0.0587	0.0000	OK
60 minute summer	J56	36	184.125	0.158	24.0	0.1790	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J42	48.003	S21	2.5	0.565	0.426	0.0363
60 minute summer	J43	48.005	J44	4.7	0.555	0.337	0.0139
60 minute summer	J44	48.006	J45	5.5	0.508	0.409	0.0944
60 minute summer	J45	48.007	S22	6.2	0.476	0.460	0.0320
60 minute summer	J46	48.009	J47	8.9	0.666	0.667	0.0563
60 minute summer	J47	48.010	S23	9.6	0.787	0.718	0.0321
60 minute summer	J48	48.012	J49	11.8	0.499	0.395	0.1789
60 minute summer	J49	48.013	J50	12.5	0.508	0.409	0.0283
60 minute summer	J50	48.014	J51	13.3	0.541	0.446	0.1252
60 minute summer	J51	48.015	J52	14.0	0.583	0.457	0.0273
60 minute summer	J52	48.016	J53	14.8	0.667	0.485	0.1081
60 minute summer	J53	48.017	S24	15.5	0.796	0.513	0.1996
60 minute summer	J54	65.002	J55	2.1	0.560	0.359	0.0138
60 minute summer	J55	65.003	S24	2.9	0.725	0.489	0.0312
60 minute summer	J56	48.019	J57	24.0	0.648	0.443	0.3372

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Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.74%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J57	36	184.099	0.154	24.7	0.1747	0.0000	OK
60 minute summer	BASIN 1	105	185.599	0.599	38.3	73.3032	0.0000	SURCHARGED
60 minute summer	BASIN 2	300	184.448	0.148	1.3	13.2396	0.0000	OK
60 minute summer	BASIN 3	128	183.170	0.070	30.4	48.8252	0.0000	OK
60 minute summer	BASIN 4	132	183.726	0.396	25.9	53.3437	0.0000	SURCHARGED
60 minute summer	SWALE 1	107	184.961	0.029	1.1	0.0333	0.0000	OK
60 minute summer	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWALE 3	35	184.213	0.143	30.6	0.1614	0.0000	OK
60 minute summer	BH1	300	184.448	0.370	0.9	1.8768	0.0000	OK
60 minute summer	BH2	108	183.171	0.119	3.5	2.1972	0.0000	OK
60 minute summer	BH3	134	183.726	0.420	6.9	3.5664	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J57	48.020	S25	24.7	0.713	0.457	0.2743
60 minute summer	BASIN 1	1.023	S5	1.4	0.241	0.027	0.6013
60 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
60 minute summer	BASIN 2	71.000	BH1	0.9	0.520	0.158	0.1829
60 minute summer	BASIN 3	1.034	BH2	3.5	0.513	0.042	0.5969
60 minute summer	BASIN 4	48.022	BH3	6.9	0.729	0.129	0.7181
60 minute summer	SWALE 1	1.025	S6	1.1	0.301	0.020	0.1355
60 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
60 minute summer	SWALE 3	1.033	BASIN 3	30.4	0.961	0.438	1.3685
60 minute summer	BH1	Infiltration		0.1			
60 minute summer	BH2	Infiltration		0.2			
60 minute summer	BH3	Infiltration		0.2			

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S1	34	188.401	0.031	1.8	0.0417	0.0000	OK
60 minute winter	S2	36	187.159	0.120	15.4	0.1771	0.0000	OK
60 minute winter	S3	37	186.340	0.128	21.8	0.1658	0.0000	OK
60 minute winter	S4	109	185.665	0.287	36.3	0.3407	0.0000	OK
60 minute winter	S5	109	185.664	0.684	1.4	0.7740	0.0000	SURCHARGED
60 minute winter	S6	113	184.875	0.031	1.1	0.0348	0.0000	OK
60 minute winter	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
60 minute winter	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
60 minute winter	S9	35	184.283	0.083	0.3	0.0936	0.0000	OK
60 minute winter	S10	36	184.283	0.099	27.7	0.1507	0.0000	OK
60 minute winter	S11	34	186.470	0.069	4.1	0.1133	0.0000	OK
60 minute winter	S12	35	186.259	0.083	6.1	0.0934	0.0000	OK
60 minute winter	S13	35	186.098	0.064	11.1	0.0910	0.0000	OK
60 minute winter	S14	35	185.377	0.127	15.4	0.1993	0.0000	OK
60 minute winter	S15	36	184.938	0.071	20.3	0.0991	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	S1	1.000	J1	1.8	0.554	0.206	0.0269
60 minute winter	S2	1.012	J12	15.4	0.787	0.515	0.0292
60 minute winter	S3	1.019	J18	21.8	1.168	0.713	0.0959
60 minute winter	S4	1.022	BASIN 1	36.3	1.779	0.217	1.1697
60 minute winter	S5	1.024	SWALE 1	1.1	0.308	0.021	0.0752
60 minute winter	S6	1.026	BASIN 2	1.1	0.351	0.021	0.0187
60 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
60 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0949
60 minute winter	S9	1.031	S10	-0.3	-0.091	-0.005	0.1202
60 minute winter	S10	1.032	SWALE 3	27.7	1.096	0.154	0.1110
60 minute winter	S11	32.000	J28	4.1	0.697	0.689	0.0269
60 minute winter	S12	32.003	J30	6.1	0.594	0.459	0.0525
60 minute winter	S13	32.007	J33	11.0	1.616	0.343	0.0889
60 minute winter	S14	32.009	J34	15.4	1.035	0.890	0.0778
60 minute winter	S15	32.013	J37	19.4	1.211	0.211	0.1508

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S16	35	184.632	0.075	21.3	0.0945	0.0000	OK
60 minute winter	S17	48	186.016	0.016	0.3	0.0186	0.0000	OK
60 minute winter	S18	35	185.749	0.088	6.0	0.1245	0.0000	OK
60 minute winter	S19	108	185.665	0.174	11.4	0.2382	0.0000	OK
60 minute winter	S20	35	184.679	0.037	1.6	0.0456	0.0000	OK
60 minute winter	S21	36	184.522	0.063	3.7	0.0741	0.0000	OK
60 minute winter	S22	37	184.394	0.108	8.0	0.1317	0.0000	OK
60 minute winter	S23	37	184.285	0.127	10.8	0.1506	0.0000	OK
60 minute winter	S24	37	184.140	0.163	23.3	0.2373	0.0000	OK
60 minute winter	S25	37	184.066	0.140	24.2	0.1588	0.0000	OK
60 minute winter	S26	33	185.404	0.027	1.3	0.0324	0.0000	OK
60 minute winter	FC1	43	188.884	0.634	1.7	1.0109	0.0000	SURCHARGED
60 minute winter	FC2	43	188.784	0.633	1.7	1.0176	0.0000	SURCHARGED
60 minute winter	FC3	46	188.864	0.664	2.6	2.0266	0.0000	SURCHARGED
60 minute winter	FC4	42	188.742	0.542	1.3	0.6993	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	S16	32.015	J38	21.3	1.026	0.145	0.0481
60 minute winter	S17	23.001	J20	0.3	0.362	0.059	0.0101
60 minute winter	S18	23.006	J24	5.9	0.568	0.434	0.0193
60 minute winter	S19	23.010	J27	11.4	0.622	0.381	0.3153
60 minute winter	S20	48.001	J41	1.6	0.601	0.267	0.0122
60 minute winter	S21	48.004	J43	3.7	0.762	0.632	0.0250
60 minute winter	S22	48.008	J46	8.0	0.597	0.594	0.0326
60 minute winter	S23	48.011	J48	10.8	0.483	0.351	0.0255
60 minute winter	S24	48.018	J56	23.2	0.610	0.435	0.1620
60 minute winter	S25	48.021	BASIN 4	24.2	0.831	0.439	0.0931
60 minute winter	S26	65.001	J54	1.3	0.785	0.148	0.0141
60 minute winter	FC1	2.000	J1	0.8	0.520	0.127	0.0140
60 minute winter	FC2	3.000	J2	0.8	0.326	0.141	0.0232
60 minute winter	FC3	4.000	J3	0.8	0.550	0.127	0.0138
60 minute winter	FC4	5.000	J4	0.7	0.602	0.096	0.0089

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC5	43	188.632	0.632	1.7	1.0128	0.0000	SURCHARGED
60 minute winter	FC6	42	188.391	0.541	1.3	0.6981	0.0000	SURCHARGED
60 minute winter	FC7	42	188.292	0.542	1.3	0.6996	0.0000	SURCHARGED
60 minute winter	FC8	43	188.383	0.633	1.7	1.0070	0.0000	SURCHARGED
60 minute winter	FC9	42	188.013	0.543	1.3	0.7015	0.0000	SURCHARGED
60 minute winter	FC10	45	188.126	0.656	2.3	1.6540	0.0000	SURCHARGED
60 minute winter	FC11	42	187.943	0.623	1.5	0.8514	0.0000	SURCHARGED
60 minute winter	FC12	42	187.853	0.623	1.5	0.8515	0.0000	SURCHARGED
60 minute winter	FC13	43	187.634	0.634	1.7	1.0119	0.0000	SURCHARGED
60 minute winter	FC14	49	187.037	0.137	1.7	1.7555	0.0000	SURCHARGED
60 minute winter	FC15	42	187.738	0.538	1.3	0.6945	0.0000	SURCHARGED
60 minute winter	FC16	42	187.443	0.543	1.3	0.7007	0.0000	SURCHARGED
60 minute winter	FC17	42	187.539	0.539	1.3	0.6960	0.0000	SURCHARGED
60 minute winter	FC18	42	187.093	0.543	1.3	0.7016	0.0000	SURCHARGED
60 minute winter	FC19	43	187.034	0.634	1.7	1.0120	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC5	6.000	J5	0.8	0.511	0.133	0.0064
60 minute winter	FC6	7.000	J6	0.7	0.663	0.084	0.0084
60 minute winter	FC7	8.000	J7	0.7	0.559	0.103	0.0132
60 minute winter	FC8	9.000	J8	0.8	0.726	0.081	0.0046
60 minute winter	FC9	10.000	J9	0.7	0.507	0.123	0.0104
60 minute winter	FC10	11.000	J10	0.8	0.561	0.121	0.0089
60 minute winter	FC11	12.000	J11	0.8	0.515	0.132	0.0118
60 minute winter	FC12	13.000	S2	0.8	0.514	0.132	0.0105
60 minute winter	FC13	14.000	J12	0.8	0.517	0.133	0.0104
60 minute winter	FC14	15.000	J13	0.4	0.411	0.059	0.0074
60 minute winter	FC15	16.000	J14	0.7	1.076	0.042	0.0032
60 minute winter	FC16	17.000	J15	0.7	0.538	0.113	0.0103
60 minute winter	FC17	18.000	J16	0.7	0.854	0.058	0.0041
60 minute winter	FC18	19.000	J17	0.7	0.504	0.123	0.0101
60 minute winter	FC19	20.000	S3	0.8	0.514	0.134	0.0101

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC20	43	187.582	0.632	1.7	1.0035	0.0000	SURCHARGED
60 minute winter	FC21	43	186.933	0.633	1.7	1.0121	0.0000	SURCHARGED
60 minute winter	FC22	48	186.579	0.129	1.3	1.2581	0.0000	SURCHARGED
60 minute winter	FC23	42	186.843	0.543	1.3	0.7011	0.0000	SURCHARGED
60 minute winter	FC24	43	186.933	0.633	1.7	1.0097	0.0000	SURCHARGED
60 minute winter	FC25	43	187.182	0.632	1.7	1.0035	0.0000	SURCHARGED
60 minute winter	FC26	48	186.576	0.125	1.3	1.2687	0.0000	SURCHARGED
60 minute winter	FC27	42	187.038	0.538	1.3	0.6944	0.0000	SURCHARGED
60 minute winter	FC28	43	187.132	0.632	1.7	1.0035	0.0000	SURCHARGED
60 minute winter	FC29	43	187.138	0.638	1.8	1.1233	0.0000	SURCHARGED
60 minute winter	FC30	43	187.382	0.632	1.7	1.0040	0.0000	SURCHARGED
60 minute winter	FC31	42	186.990	0.540	1.3	0.6977	0.0000	SURCHARGED
60 minute winter	FC32	42	186.989	0.539	1.3	0.6957	0.0000	SURCHARGED
60 minute winter	FC33	43	187.083	0.633	1.7	1.0037	0.0000	SURCHARGED
60 minute winter	FC34	43	187.084	0.634	1.7	1.0118	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC20	21.000	J18	0.8	1.040	0.049	0.0033
60 minute winter	FC21	22.000	J19	0.8	0.515	0.134	0.0117
60 minute winter	FC22	23.000	S17	0.3	0.585	0.019	0.0029
60 minute winter	FC23	24.000	J20	0.7	0.524	0.115	0.0064
60 minute winter	FC24	25.000	J21	0.8	0.602	0.106	0.0061
60 minute winter	FC25	26.000	J22	0.8	1.033	0.050	0.0036
60 minute winter	FC26	27.000	J23	0.3	0.712	0.026	0.0022
60 minute winter	FC27	28.000	J24	0.7	1.111	0.040	0.0030
60 minute winter	FC28	29.000	J25	0.8	1.038	0.050	0.0033
60 minute winter	FC29	30.000	J26	0.8	1.011	0.052	0.0037
60 minute winter	FC30	31.000	J27	0.8	0.968	0.055	0.0036
60 minute winter	FC31	33.000	J28	0.7	0.465	0.081	0.0150
60 minute winter	FC32	34.000	J29	0.7	0.359	0.058	0.0162
60 minute winter	FC33	35.000	S12	0.8	0.951	0.056	0.0062
60 minute winter	FC34	36.000	J30	0.8	0.528	0.127	0.0071

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC35	43	187.082	0.632	1.7	1.0038	0.0000	SURCHARGED
60 minute winter	FC36	43	187.086	0.636	1.8	1.1231	0.0000	SURCHARGED
60 minute winter	FC37	45	186.452	0.652	2.1	1.4673	0.0000	SURCHARGED
60 minute winter	FC38	48	185.559	0.109	1.3	1.3123	0.0000	SURCHARGED
60 minute winter	FC39	42	185.989	0.539	1.3	0.6953	0.0000	SURCHARGED
60 minute winter	FC40	43	186.088	0.588	1.7	1.0170	0.0000	SURCHARGED
60 minute winter	FC41	43	185.481	0.631	1.7	1.0064	0.0000	SURCHARGED
60 minute winter	FC42	43	185.231	0.631	1.7	1.0080	0.0000	SURCHARGED
60 minute winter	FC43	43	185.223	0.623	1.7	1.0078	0.0000	SURCHARGED
60 minute winter	FC44	34	184.624	0.024	1.3	0.0311	0.0000	OK
60 minute winter	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC46	45	185.356	0.656	2.3	1.6551	0.0000	SURCHARGED
60 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC48	43	185.432	0.632	1.7	1.0038	0.0000	SURCHARGED
60 minute winter	FC49	43	185.433	0.633	1.7	1.0126	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC35	37.000	J31	0.8	0.956	0.056	0.0092
60 minute winter	FC36	38.000	J32	0.8	1.028	0.050	0.0087
60 minute winter	FC37	39.000	J33	0.8	0.690	0.091	0.0076
60 minute winter	FC38	40.000	J34	0.3	0.669	0.025	0.0022
60 minute winter	FC39	41.000	J35	0.7	0.944	0.051	0.0034
60 minute winter	FC40	42.000	J36	0.8	1.170	0.040	0.0033
60 minute winter	FC41	43.000	J37	0.8	0.770	0.075	0.0052
60 minute winter	FC42	44.000	J38	0.8	0.670	0.091	0.0088
60 minute winter	FC43	45.000	J39	0.8	0.782	0.073	0.0062
60 minute winter	FC44	46.000	J40	1.3	0.926	0.116	0.0062
60 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
60 minute winter	FC46	48.000	S20	0.8	0.503	0.135	0.0125
60 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0069
60 minute winter	FC48	50.000	J42	0.8	0.604	0.057	0.0103
60 minute winter	FC49	51.000	S21	0.8	0.511	0.133	0.0067

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC50	43	185.433	0.633	1.7	1.0124	0.0000	SURCHARGED
60 minute winter	FC51	43	185.482	0.632	1.7	1.0125	0.0000	SURCHARGED
60 minute winter	FC52	44	185.893	0.643	2.0	1.3039	0.0000	SURCHARGED
60 minute winter	FC53	43	185.882	0.632	1.7	1.0074	0.0000	SURCHARGED
60 minute winter	FC54	42	185.790	0.540	1.3	0.6970	0.0000	SURCHARGED
60 minute winter	FC55	42	185.789	0.538	1.3	0.6952	0.0000	SURCHARGED
60 minute winter	FC56	43	185.982	0.632	1.7	1.0036	0.0000	SURCHARGED
60 minute winter	FC57	43	185.982	0.632	1.7	1.0040	0.0000	SURCHARGED
60 minute winter	FC58	42	185.889	0.539	1.3	0.6956	0.0000	SURCHARGED
60 minute winter	FC59	42	185.889	0.539	1.3	0.6962	0.0000	SURCHARGED
60 minute winter	FC60	43	185.983	0.633	1.7	1.0052	0.0000	SURCHARGED
60 minute winter	FC61	43	185.933	0.633	1.7	1.0077	0.0000	SURCHARGED
60 minute winter	FC62	46	185.911	0.661	2.5	1.8392	0.0000	SURCHARGED
60 minute winter	FC63	42	185.944	0.544	1.3	0.7024	0.0000	SURCHARGED
60 minute winter	FC64	42	185.744	0.744	1.7	0.9905	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC50	52.000	J43	0.8	0.512	0.133	0.0072
60 minute winter	FC51	55.000	S22	0.8	0.514	0.133	0.0094
60 minute winter	FC52	58.000	S23	0.8	0.752	0.079	0.0058
60 minute winter	FC53	61.000	J50	0.8	0.704	0.085	0.0048
60 minute winter	FC54	62.000	J51	0.7	0.763	0.068	0.0038
60 minute winter	FC55	64.000	J53	0.7	0.965	0.049	0.0031
60 minute winter	FC56	53.000	J44	0.8	1.021	0.051	0.0051
60 minute winter	FC57	54.000	J45	0.8	0.957	0.056	0.0054
60 minute winter	FC58	56.000	J46	0.7	0.898	0.055	0.0050
60 minute winter	FC59	57.000	J47	0.7	0.832	0.061	0.0056
60 minute winter	FC60	59.000	J48	0.8	0.843	0.067	0.0062
60 minute winter	FC61	60.000	J49	0.8	0.676	0.091	0.0086
60 minute winter	FC62	63.000	J52	0.8	0.627	0.106	0.0121
60 minute winter	FC63	65.000	S26	0.7	0.513	0.123	0.0038
60 minute winter	FC64	66.000	J54	0.9	0.361	0.145	0.0057

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC65	43	185.783	0.633	1.7	1.0022	0.0000	SURCHARGED
60 minute winter	FC66	43	185.634	0.634	1.7	1.0106	0.0000	SURCHARGED
60 minute winter	FC67	48	184.924	0.124	1.3	1.2838	0.0000	SURCHARGED
60 minute winter	FC68	42	185.091	0.541	1.3	0.6985	0.0000	SURCHARGED
60 minute winter	J1	32	188.256	0.056	4.3	0.0755	0.0000	OK
60 minute winter	J2	35	188.191	0.085	5.1	0.0965	0.0000	OK
60 minute winter	J3	35	188.116	0.070	5.8	0.0788	0.0000	OK
60 minute winter	J4	35	188.085	0.050	6.5	0.0569	0.0000	OK
60 minute winter	J5	35	187.954	0.044	7.3	0.0502	0.0000	OK
60 minute winter	J6	36	187.722	0.072	7.9	0.0814	0.0000	OK
60 minute winter	J7	36	187.685	0.085	8.6	0.0963	0.0000	OK
60 minute winter	J8	36	187.655	0.062	9.4	0.0697	0.0000	OK
60 minute winter	J9	36	187.359	0.084	10.1	0.0948	0.0000	OK
60 minute winter	J10	36	187.320	0.049	10.8	0.0560	0.0000	OK
60 minute winter	J11	37	187.193	0.072	11.6	0.0815	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC65	67.000	J55	0.8	0.631	0.043	0.0052
60 minute winter	FC66	68.000	S24	0.8	0.573	0.110	0.0029
60 minute winter	FC67	69.000	J56	0.3	0.393	0.056	0.0018
60 minute winter	FC68	70.000	J57	0.7	0.659	0.081	0.0025
60 minute winter	J1	1.001	J2	4.3	0.745	0.523	0.0291
60 minute winter	J2	1.002	J3	5.0	0.770	0.853	0.0068
60 minute winter	J3	1.003	J4	5.8	0.889	0.440	0.0128
60 minute winter	J4	1.004	J5	6.5	1.365	0.194	0.0168
60 minute winter	J5	1.005	J6	7.3	1.154	0.190	0.0360
60 minute winter	J6	1.006	J7	7.9	0.850	0.279	0.0184
60 minute winter	J7	1.007	J8	8.6	1.005	0.618	0.0097
60 minute winter	J8	1.008	J9	9.4	1.444	0.310	0.0550
60 minute winter	J9	1.009	J10	10.1	1.023	0.301	0.0120
60 minute winter	J10	1.010	J11	10.8	1.262	0.084	0.0213
60 minute winter	J11	1.011	S2	11.6	0.724	0.180	0.0872

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J12	36	186.892	0.083	16.2	0.0936	0.0000	OK
60 minute winter	J13	36	186.848	0.146	16.5	0.1653	0.0000	OK
60 minute winter	J14	37	186.832	0.137	17.1	0.1554	0.0000	OK
60 minute winter	J15	37	186.810	0.122	17.8	0.1383	0.0000	OK
60 minute winter	J16	37	186.771	0.101	18.5	0.1138	0.0000	OK
60 minute winter	J17	37	186.430	0.072	19.2	0.0815	0.0000	OK
60 minute winter	J18	37	186.281	0.087	22.6	0.0985	0.0000	OK
60 minute winter	J19	37	186.165	0.138	23.4	0.1559	0.0000	OK
60 minute winter	J20	44	185.961	0.030	1.1	0.0342	0.0000	OK
60 minute winter	J21	44	185.934	0.039	1.9	0.0438	0.0000	OK
60 minute winter	J22	44	185.870	0.052	2.6	0.0589	0.0000	OK
60 minute winter	J23	45	185.836	0.053	3.0	0.0601	0.0000	OK
60 minute winter	J24	35	185.735	0.085	6.6	0.0964	0.0000	OK
60 minute winter	J25	36	185.708	0.093	7.4	0.1051	0.0000	OK
60 minute winter	J26	36	185.681	0.094	8.2	0.1066	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J12	1.013	J13	16.2	0.798	0.242	0.1311
60 minute winter	J13	1.014	J14	16.5	0.625	0.524	0.0499
60 minute winter	J14	1.015	J15	17.1	0.723	0.548	0.0454
60 minute winter	J15	1.016	J16	17.8	0.909	0.582	0.1005
60 minute winter	J16	1.017	J17	18.5	1.200	0.307	0.0519
60 minute winter	J17	1.018	S3	19.2	1.135	0.132	0.0322
60 minute winter	J18	1.020	J19	22.6	1.948	0.174	0.0173
60 minute winter	J19	1.021	S4	23.4	0.822	0.424	0.1250
60 minute winter	J20	23.002	J21	1.1	0.446	0.181	0.0090
60 minute winter	J21	23.003	J22	1.9	0.537	0.314	0.0277
60 minute winter	J22	23.004	J23	2.6	0.635	0.445	0.0150
60 minute winter	J23	23.005	S18	3.0	0.732	0.505	0.0306
60 minute winter	J24	23.007	J25	6.6	0.608	0.496	0.0673
60 minute winter	J25	23.008	J26	7.4	0.638	0.555	0.0574
60 minute winter	J26	23.009	S19	8.2	0.753	0.613	0.0402

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J27	111	185.666	0.205	12.2	0.2314	0.0000	OK
60 minute winter	J28	34	186.429	0.073	4.7	0.0820	0.0000	OK
60 minute winter	J29	35	186.355	0.084	5.4	0.0952	0.0000	OK
60 minute winter	J30	36	186.235	0.088	6.9	0.0997	0.0000	OK
60 minute winter	J31	36	186.207	0.088	7.7	0.0999	0.0000	OK
60 minute winter	J32	36	186.152	0.088	8.5	0.0993	0.0000	OK
60 minute winter	J33	35	185.670	0.060	11.8	0.0674	0.0000	OK
60 minute winter	J34	35	185.227	0.102	15.7	0.1158	0.0000	OK
60 minute winter	J35	35	185.144	0.069	16.3	0.0782	0.0000	OK
60 minute winter	J36	36	184.987	0.112	17.1	0.1269	0.0000	OK
60 minute winter	J37	35	184.695	0.120	20.2	0.1360	0.0000	OK
60 minute winter	J38	36	184.535	0.160	22.1	0.1810	0.0000	OK
60 minute winter	J39	36	184.492	0.154	22.9	0.1744	0.0000	OK
60 minute winter	J40	36	184.456	0.131	24.1	0.1486	0.0000	OK
60 minute winter	J41	34	184.634	0.037	1.6	0.0417	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J27	23.011	S4	12.2	0.733	0.408	0.0916
60 minute winter	J28	32.001	J29	4.7	0.727	0.798	0.0577
60 minute winter	J29	32.002	S12	5.4	0.807	0.904	0.0309
60 minute winter	J30	32.004	J31	6.9	0.641	0.519	0.0536
60 minute winter	J31	32.005	J32	7.7	0.714	0.578	0.1047
60 minute winter	J32	32.006	S13	8.5	0.953	0.636	0.0472
60 minute winter	J33	32.008	S14	11.8	1.054	0.332	0.1017
60 minute winter	J34	32.010	J35	15.7	1.129	0.407	0.1259
60 minute winter	J35	32.011	J36	16.3	1.094	0.183	0.1034
60 minute winter	J36	32.012	S15	18.1	1.194	0.604	0.0361
60 minute winter	J37	32.014	S16	20.1	1.221	0.661	0.0858
60 minute winter	J38	32.016	J39	22.1	0.747	0.732	0.3202
60 minute winter	J39	32.017	J40	22.9	0.862	0.743	0.0970
60 minute winter	J40	32.018	S10	24.1	1.062	0.559	0.2171
60 minute winter	J41	48.002	J42	1.6	0.543	0.268	0.0184

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J42	36	184.581	0.044	2.4	0.0497	0.0000	OK
60 minute winter	J43	37	184.433	0.073	4.5	0.0830	0.0000	OK
60 minute winter	J44	37	184.421	0.071	5.3	0.0800	0.0000	OK
60 minute winter	J45	37	184.402	0.102	6.1	0.1152	0.0000	OK
60 minute winter	J46	37	184.378	0.106	8.7	0.1194	0.0000	OK
60 minute winter	J47	37	184.352	0.104	9.4	0.1174	0.0000	OK
60 minute winter	J48	38	184.278	0.123	11.6	0.1396	0.0000	OK
60 minute winter	J49	38	184.266	0.137	12.4	0.1544	0.0000	OK
60 minute winter	J50	38	184.257	0.132	13.1	0.1488	0.0000	OK
60 minute winter	J51	38	184.243	0.135	13.8	0.1525	0.0000	OK
60 minute winter	J52	38	184.230	0.126	14.6	0.1425	0.0000	OK
60 minute winter	J53	38	184.206	0.119	15.3	0.1340	0.0000	OK
60 minute winter	J54	37	185.024	0.045	2.1	0.0514	0.0000	OK
60 minute winter	J55	38	184.996	0.052	2.9	0.0587	0.0000	OK
60 minute winter	J56	37	184.123	0.156	23.5	0.1768	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J42	48.003	S21	2.4	0.558	0.401	0.0346
60 minute winter	J43	48.005	J44	4.5	0.548	0.322	0.0134
60 minute winter	J44	48.006	J45	5.3	0.509	0.396	0.0917
60 minute winter	J45	48.007	S22	6.1	0.479	0.448	0.0313
60 minute winter	J46	48.009	J47	8.7	0.660	0.649	0.0553
60 minute winter	J47	48.010	S23	9.4	0.781	0.702	0.0316
60 minute winter	J48	48.012	J49	11.6	0.491	0.388	0.1769
60 minute winter	J49	48.013	J50	12.3	0.502	0.403	0.0280
60 minute winter	J50	48.014	J51	13.1	0.538	0.439	0.1242
60 minute winter	J51	48.015	J52	13.8	0.580	0.452	0.0271
60 minute winter	J52	48.016	J53	14.6	0.665	0.480	0.1073
60 minute winter	J53	48.017	S24	15.3	0.793	0.508	0.1983
60 minute winter	J54	65.002	J55	2.1	0.552	0.351	0.0137
60 minute winter	J55	65.003	S24	2.9	0.725	0.488	0.0312
60 minute winter	J56	48.019	J57	23.5	0.644	0.434	0.3323

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Results for 30 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J57	37	184.098	0.153	24.2	0.1728	0.0000	OK
60 minute winter	BASIN 1	109	185.664	0.664	36.3	82.4352	0.0000	SURCHARGED
60 minute winter	BASIN 2	300	184.457	0.157	1.4	14.1349	0.0000	OK
60 minute winter	BASIN 3	129	183.179	0.079	27.7	55.1982	0.0000	OK
60 minute winter	BASIN 4	139	183.775	0.445	25.4	60.5458	0.0000	SURCHARGED
60 minute winter	SWALE 1	111	184.962	0.030	1.1	0.0341	0.0000	OK
60 minute winter	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
60 minute winter	SWALE 3	36	184.205	0.135	27.7	0.1527	0.0000	OK
60 minute winter	BH1	300	184.457	0.380	1.0	1.9044	0.0000	OK
60 minute winter	BH2	117	183.180	0.128	4.0	2.2426	0.0000	OK
60 minute winter	BH3	137	183.775	0.469	6.9	3.7957	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J57	48.020	S25	24.2	0.709	0.449	0.2706
60 minute winter	BASIN 1	1.023	S5	1.4	0.247	0.027	0.6013
60 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
60 minute winter	BASIN 2	71.000	BH1	1.0	0.525	0.165	0.1829
60 minute winter	BASIN 3	1.034	BH2	4.0	0.512	0.048	0.6772
60 minute winter	BASIN 4	48.022	BH3	6.9	0.779	0.129	0.7181
60 minute winter	SWALE 1	1.025	S6	1.1	0.306	0.021	0.1406
60 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
60 minute winter	SWALE 3	1.033	BASIN 3	27.7	0.936	0.399	1.2788
60 minute winter	BH1	Infiltration		0.1			
60 minute winter	BH2	Infiltration		0.2			
60 minute winter	BH3	Infiltration		0.2			

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S1	64	188.398	0.028	1.5	0.0380	0.0000	OK
120 minute summer	S2	66	187.150	0.111	13.2	0.1627	0.0000	OK
120 minute summer	S3	66	186.329	0.117	18.7	0.1520	0.0000	OK
120 minute summer	S4	176	185.728	0.349	30.8	0.4152	0.0000	SURCHARGED
120 minute summer	S5	142	185.705	0.725	1.2	0.8197	0.0000	SURCHARGED
120 minute summer	S6	146	184.875	0.031	1.2	0.0353	0.0000	OK
120 minute summer	S7	2	184.779	0.000	0.0	0.0000	0.0000	OK
120 minute summer	S8	2	184.390	0.000	0.0	0.0000	0.0000	OK
120 minute summer	S9	66	184.271	0.071	0.2	0.0805	0.0000	OK
120 minute summer	S10	66	184.271	0.087	23.0	0.1330	0.0000	OK
120 minute summer	S11	64	186.459	0.059	3.3	0.0967	0.0000	OK
120 minute summer	S12	66	186.249	0.072	5.0	0.0820	0.0000	OK
120 minute summer	S13	66	186.092	0.058	9.2	0.0819	0.0000	OK
120 minute summer	S14	66	185.358	0.108	12.8	0.1692	0.0000	OK
120 minute summer	S15	66	184.931	0.064	15.8	0.0892	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	S1	1.000	J1	1.5	0.532	0.172	0.0237
120 minute summer	S2	1.012	J12	13.2	0.751	0.442	0.0263
120 minute summer	S3	1.019	J18	18.7	1.127	0.611	0.0853
120 minute summer	S4	1.022	BASIN 1	30.8	1.486	0.184	1.1778
120 minute summer	S5	1.024	SWALE 1	1.2	0.311	0.022	0.0768
120 minute summer	S6	1.026	BASIN 2	1.2	0.352	0.022	0.0192
120 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
120 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0767
120 minute summer	S9	1.031	S10	-0.2	-0.042	-0.003	0.0994
120 minute summer	S10	1.032	SWALE 3	23.0	1.062	0.128	0.0952
120 minute summer	S11	32.000	J28	3.3	0.667	0.555	0.0226
120 minute summer	S12	32.003	J30	5.0	0.574	0.377	0.0449
120 minute summer	S13	32.007	J33	9.2	1.538	0.285	0.0778
120 minute summer	S14	32.009	J34	12.8	1.006	0.737	0.0665
120 minute summer	S15	32.013	J37	16.1	1.152	0.175	0.1317

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S16	66	184.622	0.065	17.8	0.0816	0.0000	OK
120 minute summer	S17	80	186.016	0.016	0.3	0.0180	0.0000	OK
120 minute summer	S18	64	185.739	0.078	5.0	0.1104	0.0000	OK
120 minute summer	S19	158	185.717	0.226	9.5	0.3092	0.0000	SURCHARGED
120 minute summer	S20	64	184.678	0.036	1.5	0.0437	0.0000	OK
120 minute summer	S21	66	184.516	0.057	3.3	0.0680	0.0000	OK
120 minute summer	S22	68	184.383	0.097	6.9	0.1181	0.0000	OK
120 minute summer	S23	68	184.274	0.116	9.4	0.1369	0.0000	OK
120 minute summer	S24	68	184.126	0.149	19.9	0.2163	0.0000	OK
120 minute summer	S25	68	184.056	0.129	20.9	0.1464	0.0000	OK
120 minute summer	S26	66	185.402	0.024	1.1	0.0295	0.0000	OK
120 minute summer	FC1	72	188.795	0.545	1.3	0.7252	0.0000	SURCHARGED
120 minute summer	FC2	72	188.696	0.546	1.3	0.7270	0.0000	SURCHARGED
120 minute summer	FC3	78	188.845	0.645	2.1	1.5382	0.0000	SURCHARGED
120 minute summer	FC4	72	188.613	0.413	1.1	0.5326	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	S16	32.015	J38	17.8	1.011	0.121	0.0410
120 minute summer	S17	23.001	J20	0.3	0.346	0.055	0.0093
120 minute summer	S18	23.006	J24	5.0	0.551	0.365	0.0166
120 minute summer	S19	23.010	J27	9.5	0.595	0.317	0.3539
120 minute summer	S20	48.001	J41	1.5	0.591	0.248	0.0115
120 minute summer	S21	48.004	J43	3.3	0.740	0.555	0.0226
120 minute summer	S22	48.008	J46	6.9	0.581	0.513	0.0289
120 minute summer	S23	48.011	J48	9.4	0.475	0.305	0.0226
120 minute summer	S24	48.018	J56	19.9	0.589	0.373	0.1442
120 minute summer	S25	48.021	BASIN 4	20.9	0.797	0.378	0.0837
120 minute summer	S26	65.001	J54	1.1	0.747	0.124	0.0124
120 minute summer	FC1	2.000	J1	0.7	0.434	0.118	0.0124
120 minute summer	FC2	3.000	J2	0.7	0.278	0.125	0.0182
120 minute summer	FC3	4.000	J3	0.8	0.548	0.125	0.0136
120 minute summer	FC4	5.000	J4	0.6	0.579	0.084	0.0080

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC5	72	188.546	0.546	1.3	0.7264	0.0000	SURCHARGED
120 minute summer	FC6	72	188.262	0.412	1.1	0.5315	0.0000	SURCHARGED
120 minute summer	FC7	72	188.163	0.413	1.1	0.5330	0.0000	SURCHARGED
120 minute summer	FC8	72	188.292	0.542	1.3	0.7216	0.0000	SURCHARGED
120 minute summer	FC9	72	187.884	0.414	1.1	0.5349	0.0000	SURCHARGED
120 minute summer	FC10	76	188.109	0.639	1.9	1.2927	0.0000	SURCHARGED
120 minute summer	FC11	72	187.801	0.481	1.2	0.6302	0.0000	SURCHARGED
120 minute summer	FC12	72	187.711	0.481	1.2	0.6303	0.0000	SURCHARGED
120 minute summer	FC13	72	187.546	0.546	1.3	0.7261	0.0000	SURCHARGED
120 minute summer	FC14	82	187.020	0.120	1.3	1.5317	0.0000	SURCHARGED
120 minute summer	FC15	72	187.609	0.409	1.1	0.5278	0.0000	SURCHARGED
120 minute summer	FC16	72	187.314	0.414	1.1	0.5340	0.0000	SURCHARGED
120 minute summer	FC17	72	187.410	0.410	1.1	0.5292	0.0000	SURCHARGED
120 minute summer	FC18	72	186.964	0.414	1.1	0.5350	0.0000	SURCHARGED
120 minute summer	FC19	72	186.946	0.546	1.3	0.7262	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC5	6.000	J5	0.7	0.500	0.123	0.0060
120 minute summer	FC6	7.000	J6	0.6	0.636	0.073	0.0073
120 minute summer	FC7	8.000	J7	0.6	0.544	0.089	0.0105
120 minute summer	FC8	9.000	J8	0.7	0.710	0.075	0.0043
120 minute summer	FC9	10.000	J9	0.6	0.487	0.106	0.0094
120 minute summer	FC10	11.000	J10	0.8	0.559	0.120	0.0088
120 minute summer	FC11	12.000	J11	0.7	0.496	0.116	0.0107
120 minute summer	FC12	13.000	S2	0.7	0.495	0.116	0.0095
120 minute summer	FC13	14.000	J12	0.7	0.506	0.123	0.0099
120 minute summer	FC14	15.000	J13	0.3	0.402	0.055	0.0061
120 minute summer	FC15	16.000	J14	0.6	1.033	0.037	0.0029
120 minute summer	FC16	17.000	J15	0.6	0.518	0.098	0.0093
120 minute summer	FC17	18.000	J16	0.6	0.821	0.051	0.0037
120 minute summer	FC18	19.000	J17	0.6	0.485	0.107	0.0092
120 minute summer	FC19	20.000	S3	0.7	0.503	0.124	0.0096

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC20	72	187.490	0.540	1.3	0.7186	0.0000	SURCHARGED
120 minute summer	FC21	72	186.846	0.546	1.3	0.7262	0.0000	SURCHARGED
120 minute summer	FC22	80	186.564	0.114	1.1	1.1100	0.0000	SURCHARGED
120 minute summer	FC23	72	186.714	0.414	1.1	0.5345	0.0000	SURCHARGED
120 minute summer	FC24	72	186.844	0.544	1.3	0.7239	0.0000	SURCHARGED
120 minute summer	FC25	72	187.090	0.540	1.3	0.7186	0.0000	SURCHARGED
120 minute summer	FC26	80	186.561	0.111	1.1	1.1231	0.0000	SURCHARGED
120 minute summer	FC27	72	186.909	0.409	1.1	0.5277	0.0000	SURCHARGED
120 minute summer	FC28	72	187.040	0.540	1.3	0.7186	0.0000	SURCHARGED
120 minute summer	FC29	72	187.113	0.613	1.5	0.8285	0.0000	SURCHARGED
120 minute summer	FC30	72	187.290	0.540	1.3	0.7191	0.0000	SURCHARGED
120 minute summer	FC31	72	186.861	0.411	1.1	0.5310	0.0000	SURCHARGED
120 minute summer	FC32	72	186.860	0.410	1.1	0.5290	0.0000	SURCHARGED
120 minute summer	FC33	72	186.990	0.540	1.3	0.7190	0.0000	SURCHARGED
120 minute summer	FC34	72	186.995	0.545	1.3	0.7259	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC20	21.000	J18	0.7	1.016	0.046	0.0031
120 minute summer	FC21	22.000	J19	0.7	0.505	0.124	0.0111
120 minute summer	FC22	23.000	S17	0.3	0.573	0.017	0.0028
120 minute summer	FC23	24.000	J20	0.6	0.504	0.100	0.0058
120 minute summer	FC24	25.000	J21	0.7	0.589	0.098	0.0057
120 minute summer	FC25	26.000	J22	0.7	1.008	0.046	0.0034
120 minute summer	FC26	27.000	J23	0.3	0.699	0.024	0.0021
120 minute summer	FC27	28.000	J24	0.6	1.067	0.035	0.0027
120 minute summer	FC28	29.000	J25	0.7	1.014	0.046	0.0031
120 minute summer	FC29	30.000	J26	0.8	1.005	0.051	0.0037
120 minute summer	FC30	31.000	J27	0.7	0.947	0.050	0.0034
120 minute summer	FC31	33.000	J28	0.6	0.372	0.070	0.0127
120 minute summer	FC32	34.000	J29	0.6	0.309	0.050	0.0136
120 minute summer	FC33	35.000	S12	0.7	0.930	0.052	0.0042
120 minute summer	FC34	36.000	J30	0.7	0.517	0.118	0.0067

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC35	72	186.990	0.540	1.3	0.7190	0.0000	SURCHARGED
120 minute summer	FC36	72	187.063	0.613	1.5	0.8282	0.0000	SURCHARGED
120 minute summer	FC37	74	186.433	0.633	1.7	1.1154	0.0000	SURCHARGED
120 minute summer	FC38	82	185.548	0.098	1.1	1.1786	0.0000	OK
120 minute summer	FC39	72	185.859	0.409	1.1	0.5285	0.0000	SURCHARGED
120 minute summer	FC40	72	186.039	0.539	1.3	0.7179	0.0000	SURCHARGED
120 minute summer	FC41	72	185.392	0.542	1.3	0.7210	0.0000	SURCHARGED
120 minute summer	FC42	72	185.143	0.543	1.3	0.7225	0.0000	SURCHARGED
120 minute summer	FC43	72	185.142	0.542	1.3	0.7208	0.0000	SURCHARGED
120 minute summer	FC44	64	184.622	0.022	1.1	0.0285	0.0000	OK
120 minute summer	FC45	2	184.600	0.000	0.0	0.0000	0.0000	OK
120 minute summer	FC46	76	185.339	0.639	1.9	1.2937	0.0000	SURCHARGED
120 minute summer	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute summer	FC48	72	185.340	0.540	1.3	0.7190	0.0000	SURCHARGED
120 minute summer	FC49	72	185.346	0.546	1.3	0.7264	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC35	37.000	J31	0.7	0.922	0.051	0.0066
120 minute summer	FC36	38.000	J32	0.8	1.002	0.049	0.0066
120 minute summer	FC37	39.000	J33	0.8	0.687	0.089	0.0076
120 minute summer	FC38	40.000	J34	0.3	0.657	0.024	0.0021
120 minute summer	FC39	41.000	J35	0.6	0.906	0.044	0.0031
120 minute summer	FC40	42.000	J36	0.7	1.155	0.038	0.0032
120 minute summer	FC41	43.000	J37	0.7	0.753	0.070	0.0049
120 minute summer	FC42	44.000	J38	0.7	0.656	0.085	0.0055
120 minute summer	FC43	45.000	J39	0.7	0.766	0.068	0.0041
120 minute summer	FC44	46.000	J40	1.1	0.885	0.098	0.0055
120 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
120 minute summer	FC46	48.000	S20	0.8	0.482	0.133	0.0120
120 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0065
120 minute summer	FC48	50.000	J42	0.7	0.507	0.052	0.0095
120 minute summer	FC49	51.000	S21	0.7	0.501	0.123	0.0064

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC50	72	185.346	0.546	1.3	0.7264	0.0000	SURCHARGED
120 minute summer	FC51	72	185.396	0.546	1.3	0.7262	0.0000	SURCHARGED
120 minute summer	FC52	74	185.875	0.625	1.6	0.9527	0.0000	SURCHARGED
120 minute summer	FC53	72	185.792	0.542	1.3	0.7220	0.0000	SURCHARGED
120 minute summer	FC54	72	185.661	0.411	1.1	0.5302	0.0000	SURCHARGED
120 minute summer	FC55	72	185.659	0.409	1.1	0.5284	0.0000	SURCHARGED
120 minute summer	FC56	72	185.890	0.540	1.3	0.7187	0.0000	SURCHARGED
120 minute summer	FC57	72	185.890	0.540	1.3	0.7191	0.0000	SURCHARGED
120 minute summer	FC58	72	185.760	0.410	1.1	0.5288	0.0000	SURCHARGED
120 minute summer	FC59	72	185.760	0.410	1.1	0.5294	0.0000	SURCHARGED
120 minute summer	FC60	72	185.891	0.541	1.3	0.7201	0.0000	SURCHARGED
120 minute summer	FC61	72	185.843	0.543	1.3	0.7224	0.0000	SURCHARGED
120 minute summer	FC62	76	185.892	0.642	2.0	1.3955	0.0000	SURCHARGED
120 minute summer	FC63	72	185.815	0.415	1.1	0.5357	0.0000	SURCHARGED
120 minute summer	FC64	72	185.546	0.546	1.3	0.7261	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC50	52.000	J43	0.7	0.501	0.123	0.0068
120 minute summer	FC51	55.000	S22	0.7	0.504	0.123	0.0089
120 minute summer	FC52	58.000	S23	0.8	0.748	0.078	0.0057
120 minute summer	FC53	61.000	J50	0.7	0.688	0.079	0.0045
120 minute summer	FC54	62.000	J51	0.6	0.733	0.059	0.0034
120 minute summer	FC55	64.000	J53	0.6	0.926	0.042	0.0028
120 minute summer	FC56	53.000	J44	0.7	0.997	0.047	0.0048
120 minute summer	FC57	54.000	J45	0.7	0.935	0.052	0.0051
120 minute summer	FC58	56.000	J46	0.6	0.863	0.047	0.0046
120 minute summer	FC59	57.000	J47	0.6	0.800	0.053	0.0051
120 minute summer	FC60	59.000	J48	0.7	0.824	0.062	0.0059
120 minute summer	FC61	60.000	J49	0.7	0.661	0.084	0.0082
120 minute summer	FC62	63.000	J52	0.8	0.624	0.104	0.0120
120 minute summer	FC63	65.000	S26	0.6	0.482	0.107	0.0034
120 minute summer	FC64	66.000	J54	0.7	0.346	0.123	0.0050

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC65	72	185.689	0.539	1.3	0.7178	0.0000	SURCHARGED
120 minute summer	FC66	72	185.545	0.545	1.3	0.7248	0.0000	SURCHARGED
120 minute summer	FC67	80	184.911	0.111	1.1	1.1417	0.0000	SURCHARGED
120 minute summer	FC68	72	184.962	0.412	1.1	0.5318	0.0000	SURCHARGED
120 minute summer	J1	64	188.251	0.051	3.6	0.0683	0.0000	OK
120 minute summer	J2	64	188.179	0.073	4.2	0.0826	0.0000	OK
120 minute summer	J3	64	188.110	0.064	5.0	0.0722	0.0000	OK
120 minute summer	J4	66	188.081	0.046	5.5	0.0519	0.0000	OK
120 minute summer	J5	66	187.951	0.041	6.2	0.0463	0.0000	OK
120 minute summer	J6	66	187.715	0.065	6.8	0.0734	0.0000	OK
120 minute summer	J7	66	187.678	0.078	7.4	0.0885	0.0000	OK
120 minute summer	J8	66	187.650	0.057	8.1	0.0639	0.0000	OK
120 minute summer	J9	66	187.353	0.078	8.7	0.0877	0.0000	OK
120 minute summer	J10	66	187.316	0.046	9.5	0.0516	0.0000	OK
120 minute summer	J11	68	187.187	0.066	10.1	0.0749	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC65	67.000	J55	0.7	0.602	0.039	0.0047
120 minute summer	FC66	68.000	S24	0.7	0.562	0.101	0.0028
120 minute summer	FC67	69.000	J56	0.3	0.386	0.053	0.0017
120 minute summer	FC68	70.000	J57	0.6	0.634	0.071	0.0023
120 minute summer	J1	1.001	J2	3.6	0.722	0.437	0.0253
120 minute summer	J2	1.002	J3	4.2	0.748	0.711	0.0058
120 minute summer	J3	1.003	J4	5.0	0.855	0.375	0.0114
120 minute summer	J4	1.004	J5	5.5	1.314	0.165	0.0149
120 minute summer	J5	1.005	J6	6.2	1.126	0.163	0.0318
120 minute summer	J6	1.006	J7	6.8	0.823	0.240	0.0163
120 minute summer	J7	1.007	J8	7.4	0.968	0.533	0.0087
120 minute summer	J8	1.008	J9	8.1	1.392	0.268	0.0492
120 minute summer	J9	1.009	J10	8.7	0.987	0.260	0.0107
120 minute summer	J10	1.010	J11	9.5	1.239	0.073	0.0189
120 minute summer	J11	1.011	S2	10.1	0.705	0.157	0.0781

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J12	66	186.884	0.075	13.9	0.0849	0.0000	OK
120 minute summer	J13	66	186.835	0.133	14.1	0.1503	0.0000	OK
120 minute summer	J14	66	186.820	0.125	14.7	0.1415	0.0000	OK
120 minute summer	J15	68	186.800	0.112	15.3	0.1262	0.0000	OK
120 minute summer	J16	68	186.762	0.092	15.9	0.1041	0.0000	OK
120 minute summer	J17	68	186.423	0.065	16.5	0.0730	0.0000	OK
120 minute summer	J18	68	186.273	0.079	19.4	0.0895	0.0000	OK
120 minute summer	J19	68	186.154	0.127	20.1	0.1437	0.0000	OK
120 minute summer	J20	74	185.959	0.028	0.9	0.0319	0.0000	OK
120 minute summer	J21	74	185.932	0.037	1.7	0.0414	0.0000	OK
120 minute summer	J22	74	185.867	0.049	2.4	0.0555	0.0000	OK
120 minute summer	J23	74	185.833	0.050	2.7	0.0568	0.0000	OK
120 minute summer	J24	66	185.726	0.076	5.6	0.0855	0.0000	OK
120 minute summer	J25	154	185.718	0.102	6.2	0.1159	0.0000	OK
120 minute summer	J26	158	185.720	0.133	6.9	0.1505	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J12	1.013	J13	13.9	0.774	0.207	0.1164
120 minute summer	J13	1.014	J14	14.1	0.600	0.450	0.0446
120 minute summer	J14	1.015	J15	14.7	0.695	0.471	0.0405
120 minute summer	J15	1.016	J16	15.3	0.877	0.500	0.0895
120 minute summer	J16	1.017	J17	15.9	1.156	0.264	0.0463
120 minute summer	J17	1.018	S3	16.6	1.106	0.114	0.0285
120 minute summer	J18	1.020	J19	19.4	1.888	0.149	0.0154
120 minute summer	J19	1.021	S4	20.1	0.787	0.365	0.1124
120 minute summer	J20	23.002	J21	0.9	0.432	0.161	0.0083
120 minute summer	J21	23.003	J22	1.7	0.524	0.283	0.0257
120 minute summer	J22	23.004	J23	2.4	0.622	0.404	0.0139
120 minute summer	J23	23.005	S18	2.7	0.716	0.460	0.0285
120 minute summer	J24	23.007	J25	5.5	0.591	0.416	0.0637
120 minute summer	J25	23.008	J26	6.2	0.613	0.468	0.0726
120 minute summer	J26	23.009	S19	6.9	0.717	0.522	0.0632

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J27	158	185.733	0.272	10.1	0.3073	0.0000	SURCHARGED
120 minute summer	J28	64	186.418	0.062	3.9	0.0704	0.0000	OK
120 minute summer	J29	64	186.341	0.070	4.4	0.0794	0.0000	OK
120 minute summer	J30	66	186.225	0.078	5.7	0.0880	0.0000	OK
120 minute summer	J31	66	186.198	0.079	6.4	0.0888	0.0000	OK
120 minute summer	J32	66	186.143	0.079	7.1	0.0897	0.0000	OK
120 minute summer	J33	66	185.664	0.054	10.0	0.0615	0.0000	OK
120 minute summer	J34	66	185.218	0.093	13.0	0.1048	0.0000	OK
120 minute summer	J35	66	185.137	0.062	13.6	0.0700	0.0000	OK
120 minute summer	J36	66	184.977	0.102	14.3	0.1151	0.0000	OK
120 minute summer	J37	66	184.684	0.109	16.8	0.1228	0.0000	OK
120 minute summer	J38	66	184.516	0.141	18.5	0.1593	0.0000	OK
120 minute summer	J39	66	184.475	0.137	19.1	0.1551	0.0000	OK
120 minute summer	J40	66	184.442	0.117	20.1	0.1327	0.0000	OK
120 minute summer	J41	64	184.632	0.035	1.5	0.0399	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J27	23.011	S4	10.2	0.697	0.341	0.0951
120 minute summer	J28	32.001	J29	3.8	0.700	0.650	0.0485
120 minute summer	J29	32.002	S12	4.4	0.786	0.738	0.0259
120 minute summer	J30	32.004	J31	5.7	0.616	0.431	0.0462
120 minute summer	J31	32.005	J32	6.4	0.681	0.481	0.0915
120 minute summer	J32	32.006	S13	7.1	0.918	0.534	0.0415
120 minute summer	J33	32.008	S14	10.0	1.034	0.280	0.0877
120 minute summer	J34	32.010	J35	13.0	1.082	0.338	0.1095
120 minute summer	J35	32.011	J36	13.6	1.047	0.153	0.0903
120 minute summer	J36	32.012	S15	14.2	1.094	0.472	0.0316
120 minute summer	J37	32.014	S16	16.8	1.194	0.552	0.0735
120 minute summer	J38	32.016	J39	18.5	0.717	0.611	0.2784
120 minute summer	J39	32.017	J40	19.1	0.826	0.621	0.0845
120 minute summer	J40	32.018	S10	20.1	1.018	0.467	0.1892
120 minute summer	J41	48.002	J42	1.5	0.531	0.247	0.0171

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J42	66	184.579	0.041	2.1	0.0469	0.0000	OK
120 minute summer	J43	66	184.427	0.067	4.0	0.0753	0.0000	OK
120 minute summer	J44	68	184.414	0.064	4.6	0.0719	0.0000	OK
120 minute summer	J45	68	184.391	0.091	5.3	0.1026	0.0000	OK
120 minute summer	J46	68	184.367	0.095	7.5	0.1078	0.0000	OK
120 minute summer	J47	68	184.343	0.095	8.1	0.1075	0.0000	OK
120 minute summer	J48	68	184.266	0.112	10.1	0.1266	0.0000	OK
120 minute summer	J49	68	184.254	0.125	10.8	0.1416	0.0000	OK
120 minute summer	J50	68	184.246	0.121	11.5	0.1365	0.0000	OK
120 minute summer	J51	68	184.233	0.125	12.1	0.1408	0.0000	OK
120 minute summer	J52	70	184.221	0.116	12.9	0.1317	0.0000	OK
120 minute summer	J53	70	184.197	0.110	13.5	0.1246	0.0000	OK
120 minute summer	J54	66	185.020	0.041	1.8	0.0462	0.0000	OK
120 minute summer	J55	70	184.991	0.047	2.5	0.0534	0.0000	OK
120 minute summer	J56	68	184.110	0.143	20.2	0.1615	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J42	48.003	S21	2.1	0.549	0.359	0.0316
120 minute summer	J43	48.005	J44	3.9	0.539	0.282	0.0118
120 minute summer	J44	48.006	J45	4.6	0.507	0.346	0.0800
120 minute summer	J45	48.007	S22	5.3	0.470	0.394	0.0275
120 minute summer	J46	48.009	J47	7.5	0.637	0.562	0.0497
120 minute summer	J47	48.010	S23	8.1	0.746	0.610	0.0287
120 minute summer	J48	48.012	J49	10.1	0.480	0.338	0.1579
120 minute summer	J49	48.013	J50	10.8	0.488	0.353	0.0252
120 minute summer	J50	48.014	J51	11.5	0.520	0.385	0.1121
120 minute summer	J51	48.015	J52	12.1	0.560	0.395	0.0245
120 minute summer	J52	48.016	J53	12.9	0.644	0.422	0.0976
120 minute summer	J53	48.017	S24	13.5	0.765	0.448	0.1812
120 minute summer	J54	65.002	J55	1.7	0.531	0.295	0.0121
120 minute summer	J55	65.003	S24	2.5	0.698	0.417	0.0277
120 minute summer	J56	48.019	J57	20.2	0.620	0.373	0.2969

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Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J57	68	184.085	0.140	20.9	0.1586	0.0000	OK
120 minute summer	BASIN 1	142	185.705	0.705	30.8	88.1588	0.0000	SURCHARGED
120 minute summer	BASIN 2	360	184.487	0.187	1.2	16.9500	0.0000	OK
120 minute summer	BASIN 3	172	183.186	0.086	22.9	59.6308	0.0000	OK
120 minute summer	BASIN 4	176	183.808	0.478	20.9	65.4586	0.0000	SURCHARGED
120 minute summer	SWALE 1	146	184.963	0.031	1.2	0.0346	0.0000	OK
120 minute summer	SWALE 2	2	184.450	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWALE 3	66	184.191	0.121	23.0	0.1372	0.0000	OK
120 minute summer	BH1	360	184.487	0.410	0.9	1.9901	0.0000	OK
120 minute summer	BH2	154	183.186	0.134	3.8	2.2732	0.0000	OK
120 minute summer	BH3	172	183.808	0.502	2.9	3.9496	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J57	48.020	S25	20.9	0.680	0.386	0.2429
120 minute summer	BASIN 1	1.023	S5	1.2	0.212	0.023	0.6013
120 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
120 minute summer	BASIN 2	71.000	BH1	0.9	0.486	0.161	0.1829
120 minute summer	BASIN 3	1.034	BH2	3.8	0.463	0.046	0.7333
120 minute summer	BASIN 4	48.022	BH3	2.9	0.557	0.055	0.7181
120 minute summer	SWALE 1	1.025	S6	1.2	0.309	0.022	0.1435
120 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
120 minute summer	SWALE 3	1.033	BASIN 3	22.9	0.888	0.330	1.1154
120 minute summer	BH1	Infiltration		0.1			
120 minute summer	BH2	Infiltration		0.2			
120 minute summer	BH3	Infiltration		0.2			

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S1	64	188.394	0.024	1.1	0.0325	0.0000	OK
120 minute winter	S2	70	187.145	0.105	12.1	0.1552	0.0000	OK
120 minute winter	S3	70	186.324	0.112	17.3	0.1459	0.0000	OK
120 minute winter	S4	144	185.781	0.403	28.3	0.4788	0.0000	SURCHARGED
120 minute winter	S5	142	185.779	0.799	1.3	0.9038	0.0000	SURCHARGED
120 minute winter	S6	152	184.876	0.032	1.2	0.0362	0.0000	OK
120 minute winter	S7	2	184.779	0.000	0.0	0.0000	0.0000	OK
120 minute winter	S8	2	184.390	0.000	0.0	0.0000	0.0000	OK
120 minute winter	S9	68	184.264	0.064	0.1	0.0719	0.0000	OK
120 minute winter	S10	68	184.264	0.080	20.0	0.1214	0.0000	OK
120 minute winter	S11	64	186.451	0.051	2.6	0.0828	0.0000	OK
120 minute winter	S12	66	186.242	0.066	4.3	0.0747	0.0000	OK
120 minute winter	S13	66	186.087	0.053	8.0	0.0759	0.0000	OK
120 minute winter	S14	66	185.348	0.097	11.1	0.1530	0.0000	OK
120 minute winter	S15	66	184.926	0.059	14.4	0.0826	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	S1	1.000	J1	1.1	0.490	0.126	0.0192
120 minute winter	S2	1.012	J12	12.1	0.730	0.405	0.0247
120 minute winter	S3	1.019	J18	17.3	1.105	0.567	0.0807
120 minute winter	S4	1.022	BASIN 1	28.3	1.611	0.169	1.1778
120 minute winter	S5	1.024	SWALE 1	1.2	0.316	0.023	0.0796
120 minute winter	S6	1.026	BASIN 2	1.2	0.355	0.023	0.0200
120 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
120 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0653
120 minute winter	S9	1.031	S10	-0.1	-0.058	-0.002	0.0862
120 minute winter	S10	1.032	SWALE 3	20.0	1.032	0.111	0.0849
120 minute winter	S11	32.000	J28	2.6	0.625	0.437	0.0189
120 minute winter	S12	32.003	J30	4.3	0.553	0.325	0.0400
120 minute winter	S13	32.007	J33	8.0	1.480	0.249	0.0707
120 minute winter	S14	32.009	J34	11.1	0.977	0.640	0.0594
120 minute winter	S15	32.013	J37	14.1	1.111	0.152	0.1194

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S16	68	184.615	0.058	15.5	0.0735	0.0000	OK
120 minute winter	S17	86	186.016	0.016	0.3	0.0184	0.0000	OK
120 minute winter	S18	170	185.793	0.132	4.5	0.1864	0.0000	OK
120 minute winter	S19	172	185.792	0.301	8.5	0.4120	0.0000	SURCHARGED
120 minute winter	S20	70	184.675	0.033	1.3	0.0405	0.0000	OK
120 minute winter	S21	70	184.514	0.055	3.1	0.0653	0.0000	OK
120 minute winter	S22	72	184.380	0.094	6.6	0.1146	0.0000	OK
120 minute winter	S23	72	184.271	0.113	9.0	0.1333	0.0000	OK
120 minute winter	S24	70	184.121	0.144	19.0	0.2097	0.0000	OK
120 minute winter	S25	72	184.052	0.126	19.8	0.1426	0.0000	OK
120 minute winter	S26	70	185.400	0.023	1.0	0.0282	0.0000	OK
120 minute winter	FC1	76	188.778	0.528	1.0	0.7032	0.0000	SURCHARGED
120 minute winter	FC2	76	188.679	0.529	1.0	0.7037	0.0000	SURCHARGED
120 minute winter	FC3	82	188.847	0.647	1.6	1.6035	0.0000	SURCHARGED
120 minute winter	FC4	74	188.584	0.384	0.8	0.4963	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	S16	32.015	J38	15.5	0.995	0.106	0.0366
120 minute winter	S17	23.001	J20	0.3	0.358	0.057	0.0093
120 minute winter	S18	23.006	J24	4.5	0.536	0.327	0.0309
120 minute winter	S19	23.010	J27	8.5	0.574	0.283	0.3541
120 minute winter	S20	48.001	J41	1.3	0.574	0.216	0.0104
120 minute winter	S21	48.004	J43	3.1	0.729	0.520	0.0215
120 minute winter	S22	48.008	J46	6.6	0.573	0.490	0.0280
120 minute winter	S23	48.011	J48	9.0	0.465	0.292	0.0219
120 minute winter	S24	48.018	J56	18.9	0.580	0.354	0.1386
120 minute winter	S25	48.021	BASIN 4	19.8	0.784	0.360	0.0809
120 minute winter	S26	65.001	J54	1.0	0.729	0.114	0.0116
120 minute winter	FC1	2.000	J1	0.7	0.430	0.116	0.0108
120 minute winter	FC2	3.000	J2	0.7	0.276	0.121	0.0152
120 minute winter	FC3	4.000	J3	0.8	0.548	0.125	0.0136
120 minute winter	FC4	5.000	J4	0.6	0.572	0.081	0.0078

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC5	76	188.529	0.529	1.0	0.7046	0.0000	SURCHARGED
120 minute winter	FC6	74	188.234	0.383	0.8	0.4951	0.0000	SURCHARGED
120 minute winter	FC7	74	188.135	0.385	0.8	0.4967	0.0000	SURCHARGED
120 minute winter	FC8	76	188.275	0.525	1.0	0.6992	0.0000	SURCHARGED
120 minute winter	FC9	74	187.856	0.386	0.8	0.4988	0.0000	SURCHARGED
120 minute winter	FC10	80	188.108	0.638	1.4	1.2646	0.0000	SURCHARGED
120 minute winter	FC11	74	187.781	0.461	0.9	0.6045	0.0000	SURCHARGED
120 minute winter	FC12	74	187.691	0.461	0.9	0.6045	0.0000	SURCHARGED
120 minute winter	FC13	76	187.529	0.529	1.0	0.7043	0.0000	SURCHARGED
120 minute winter	FC14	90	187.033	0.133	1.0	1.7063	0.0000	SURCHARGED
120 minute winter	FC15	74	187.580	0.380	0.8	0.4906	0.0000	SURCHARGED
120 minute winter	FC16	74	187.286	0.386	0.8	0.4979	0.0000	SURCHARGED
120 minute winter	FC17	74	187.381	0.381	0.8	0.4924	0.0000	SURCHARGED
120 minute winter	FC18	74	186.936	0.386	0.8	0.4989	0.0000	SURCHARGED
120 minute winter	FC19	76	186.929	0.529	1.0	0.7044	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC5	6.000	J5	0.7	0.498	0.121	0.0060
120 minute winter	FC6	7.000	J6	0.6	0.629	0.070	0.0071
120 minute winter	FC7	8.000	J7	0.6	0.541	0.086	0.0094
120 minute winter	FC8	9.000	J8	0.7	0.707	0.074	0.0043
120 minute winter	FC9	10.000	J9	0.6	0.482	0.103	0.0091
120 minute winter	FC10	11.000	J10	0.8	0.559	0.119	0.0088
120 minute winter	FC11	12.000	J11	0.7	0.493	0.113	0.0105
120 minute winter	FC12	13.000	S2	0.7	0.492	0.113	0.0093
120 minute winter	FC13	14.000	J12	0.7	0.504	0.121	0.0098
120 minute winter	FC14	15.000	J13	0.3	0.409	0.058	0.0064
120 minute winter	FC15	16.000	J14	0.6	1.022	0.035	0.0028
120 minute winter	FC16	17.000	J15	0.6	0.512	0.094	0.0091
120 minute winter	FC17	18.000	J16	0.6	0.813	0.049	0.0036
120 minute winter	FC18	19.000	J17	0.6	0.480	0.103	0.0089
120 minute winter	FC19	20.000	S3	0.7	0.501	0.122	0.0095

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC20	76	187.473	0.522	1.0	0.6954	0.0000	SURCHARGED
120 minute winter	FC21	76	186.829	0.529	1.0	0.7043	0.0000	SURCHARGED
120 minute winter	FC22	86	186.574	0.124	0.8	1.2008	0.0000	SURCHARGED
120 minute winter	FC23	74	186.686	0.386	0.8	0.4984	0.0000	SURCHARGED
120 minute winter	FC24	76	186.827	0.527	1.0	0.7018	0.0000	SURCHARGED
120 minute winter	FC25	76	187.073	0.523	1.0	0.6954	0.0000	SURCHARGED
120 minute winter	FC26	86	186.570	0.120	0.8	1.2165	0.0000	SURCHARGED
120 minute winter	FC27	74	186.880	0.380	0.8	0.4904	0.0000	SURCHARGED
120 minute winter	FC28	76	187.023	0.522	1.0	0.6954	0.0000	SURCHARGED
120 minute winter	FC29	76	187.105	0.605	1.1	0.8167	0.0000	SURCHARGED
120 minute winter	FC30	76	187.273	0.523	1.0	0.6960	0.0000	SURCHARGED
120 minute winter	FC31	74	186.833	0.383	0.8	0.4945	0.0000	SURCHARGED
120 minute winter	FC32	74	186.831	0.381	0.8	0.4921	0.0000	SURCHARGED
120 minute winter	FC33	76	186.973	0.523	1.0	0.6961	0.0000	SURCHARGED
120 minute winter	FC34	76	186.979	0.529	1.0	0.7040	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC20	21.000	J18	0.7	1.011	0.045	0.0031
120 minute winter	FC21	22.000	J19	0.7	0.502	0.122	0.0109
120 minute winter	FC22	23.000	S17	0.3	0.580	0.018	0.0028
120 minute winter	FC23	24.000	J20	0.6	0.499	0.097	0.0056
120 minute winter	FC24	25.000	J21	0.7	0.587	0.097	0.0057
120 minute winter	FC25	26.000	J22	0.7	1.004	0.045	0.0034
120 minute winter	FC26	27.000	J23	0.3	0.708	0.025	0.0022
120 minute winter	FC27	28.000	J24	0.6	1.054	0.034	0.0026
120 minute winter	FC28	29.000	J25	0.7	1.009	0.045	0.0031
120 minute winter	FC29	30.000	J26	0.8	1.003	0.050	0.0036
120 minute winter	FC30	31.000	J27	0.7	0.943	0.050	0.0034
120 minute winter	FC31	33.000	J28	0.6	0.350	0.068	0.0111
120 minute winter	FC32	34.000	J29	0.6	0.294	0.048	0.0121
120 minute winter	FC33	35.000	S12	0.7	0.926	0.051	0.0032
120 minute winter	FC34	36.000	J30	0.7	0.515	0.116	0.0067

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC35	76	186.973	0.523	1.0	0.6959	0.0000	SURCHARGED
120 minute winter	FC36	76	187.054	0.604	1.1	0.8163	0.0000	SURCHARGED
120 minute winter	FC37	80	186.431	0.631	1.3	1.0818	0.0000	SURCHARGED
120 minute winter	FC38	86	185.557	0.107	0.8	1.2825	0.0000	SURCHARGED
120 minute winter	FC39	74	185.831	0.381	0.8	0.4916	0.0000	SURCHARGED
120 minute winter	FC40	76	186.022	0.522	1.0	0.6944	0.0000	SURCHARGED
120 minute winter	FC41	76	185.375	0.525	1.0	0.6984	0.0000	SURCHARGED
120 minute winter	FC42	76	185.126	0.526	1.0	0.7002	0.0000	SURCHARGED
120 minute winter	FC43	76	185.125	0.525	1.0	0.6982	0.0000	SURCHARGED
120 minute winter	FC44	62	184.619	0.019	0.8	0.0242	0.0000	OK
120 minute winter	FC45	2	184.600	0.000	0.0	0.0000	0.0000	OK
120 minute winter	FC46	80	185.338	0.638	1.4	1.2660	0.0000	SURCHARGED
120 minute winter	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute winter	FC48	76	185.323	0.523	1.0	0.6959	0.0000	SURCHARGED
120 minute winter	FC49	76	185.329	0.529	1.0	0.7046	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC35	37.000	J31	0.7	0.921	0.050	0.0054
120 minute winter	FC36	38.000	J32	0.8	0.998	0.049	0.0056
120 minute winter	FC37	39.000	J33	0.8	0.687	0.089	0.0076
120 minute winter	FC38	40.000	J34	0.3	0.666	0.025	0.0022
120 minute winter	FC39	41.000	J35	0.6	0.896	0.042	0.0030
120 minute winter	FC40	42.000	J36	0.7	1.150	0.038	0.0032
120 minute winter	FC41	43.000	J37	0.7	0.749	0.069	0.0048
120 minute winter	FC42	44.000	J38	0.7	0.653	0.083	0.0054
120 minute winter	FC43	45.000	J39	0.7	0.763	0.067	0.0041
120 minute winter	FC44	46.000	J40	0.8	0.809	0.071	0.0043
120 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
120 minute winter	FC46	48.000	S20	0.8	0.482	0.133	0.0113
120 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0059
120 minute winter	FC48	50.000	J42	0.7	0.492	0.052	0.0092
120 minute winter	FC49	51.000	S21	0.7	0.499	0.121	0.0063

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC50	76	185.329	0.529	1.0	0.7045	0.0000	SURCHARGED
120 minute winter	FC51	76	185.379	0.529	1.0	0.7044	0.0000	SURCHARGED
120 minute winter	FC52	78	185.874	0.624	1.2	0.9316	0.0000	SURCHARGED
120 minute winter	FC53	76	185.776	0.526	1.0	0.6996	0.0000	SURCHARGED
120 minute winter	FC54	74	185.632	0.382	0.8	0.4935	0.0000	SURCHARGED
120 minute winter	FC55	74	185.631	0.381	0.8	0.4914	0.0000	SURCHARGED
120 minute winter	FC56	76	185.873	0.523	1.0	0.6955	0.0000	SURCHARGED
120 minute winter	FC57	76	185.873	0.523	1.0	0.6961	0.0000	SURCHARGED
120 minute winter	FC58	74	185.731	0.381	0.8	0.4919	0.0000	SURCHARGED
120 minute winter	FC59	74	185.732	0.382	0.8	0.4926	0.0000	SURCHARGED
120 minute winter	FC60	76	185.874	0.524	1.0	0.6973	0.0000	SURCHARGED
120 minute winter	FC61	76	185.826	0.526	1.0	0.7000	0.0000	SURCHARGED
120 minute winter	FC62	82	185.895	0.645	1.5	1.4748	0.0000	SURCHARGED
120 minute winter	FC63	74	185.787	0.387	0.8	0.4997	0.0000	SURCHARGED
120 minute winter	FC64	76	185.529	0.529	1.0	0.7043	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC50	52.000	J43	0.7	0.499	0.121	0.0067
120 minute winter	FC51	55.000	S22	0.7	0.502	0.121	0.0088
120 minute winter	FC52	58.000	S23	0.8	0.748	0.078	0.0057
120 minute winter	FC53	61.000	J50	0.7	0.685	0.077	0.0045
120 minute winter	FC54	62.000	J51	0.6	0.726	0.057	0.0034
120 minute winter	FC55	64.000	J53	0.6	0.916	0.041	0.0028
120 minute winter	FC56	53.000	J44	0.7	0.992	0.046	0.0048
120 minute winter	FC57	54.000	J45	0.7	0.931	0.051	0.0050
120 minute winter	FC58	56.000	J46	0.6	0.853	0.046	0.0044
120 minute winter	FC59	57.000	J47	0.6	0.791	0.051	0.0049
120 minute winter	FC60	59.000	J48	0.7	0.820	0.061	0.0058
120 minute winter	FC61	60.000	J49	0.7	0.658	0.083	0.0081
120 minute winter	FC62	63.000	J52	0.8	0.625	0.104	0.0120
120 minute winter	FC63	65.000	S26	0.6	0.475	0.103	0.0033
120 minute winter	FC64	66.000	J54	0.7	0.347	0.122	0.0048

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC65	76	185.672	0.522	1.0	0.6944	0.0000	SURCHARGED
120 minute winter	FC66	76	185.528	0.528	1.0	0.7028	0.0000	SURCHARGED
120 minute winter	FC67	86	184.920	0.120	0.8	1.2398	0.0000	SURCHARGED
120 minute winter	FC68	74	184.934	0.384	0.8	0.4954	0.0000	SURCHARGED
120 minute winter	J1	68	188.243	0.043	2.9	0.0585	0.0000	OK
120 minute winter	J2	68	188.171	0.065	3.6	0.0733	0.0000	OK
120 minute winter	J3	68	188.105	0.059	4.3	0.0672	0.0000	OK
120 minute winter	J4	68	188.078	0.043	4.9	0.0485	0.0000	OK
120 minute winter	J5	68	187.949	0.039	5.6	0.0439	0.0000	OK
120 minute winter	J6	70	187.711	0.061	6.2	0.0689	0.0000	OK
120 minute winter	J7	70	187.675	0.075	6.8	0.0844	0.0000	OK
120 minute winter	J8	70	187.647	0.054	7.5	0.0612	0.0000	OK
120 minute winter	J9	70	187.350	0.075	8.1	0.0846	0.0000	OK
120 minute winter	J10	70	187.314	0.044	8.9	0.0497	0.0000	OK
120 minute winter	J11	70	187.185	0.064	9.5	0.0725	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC65	67.000	J55	0.7	0.599	0.039	0.0046
120 minute winter	FC66	68.000	S24	0.7	0.560	0.100	0.0027
120 minute winter	FC67	69.000	J56	0.3	0.391	0.055	0.0017
120 minute winter	FC68	70.000	J57	0.6	0.628	0.068	0.0022
120 minute winter	J1	1.001	J2	2.9	0.670	0.347	0.0216
120 minute winter	J2	1.002	J3	3.6	0.721	0.600	0.0051
120 minute winter	J3	1.003	J4	4.3	0.819	0.326	0.0104
120 minute winter	J4	1.004	J5	4.9	1.268	0.146	0.0137
120 minute winter	J5	1.005	J6	5.6	1.096	0.146	0.0293
120 minute winter	J6	1.006	J7	6.2	0.803	0.218	0.0152
120 minute winter	J7	1.007	J8	6.8	0.941	0.488	0.0082
120 minute winter	J8	1.008	J9	7.5	1.365	0.248	0.0465
120 minute winter	J9	1.009	J10	8.1	0.970	0.243	0.0102
120 minute winter	J10	1.010	J11	8.9	1.217	0.069	0.0180
120 minute winter	J11	1.011	S2	9.5	0.700	0.148	0.0740

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J12	70	186.880	0.071	12.8	0.0805	0.0000	OK
120 minute winter	J13	70	186.829	0.127	13.1	0.1438	0.0000	OK
120 minute winter	J14	70	186.815	0.120	13.7	0.1358	0.0000	OK
120 minute winter	J15	70	186.795	0.107	14.3	0.1214	0.0000	OK
120 minute winter	J16	70	186.758	0.088	14.9	0.1000	0.0000	OK
120 minute winter	J17	70	186.419	0.061	15.5	0.0695	0.0000	OK
120 minute winter	J18	70	186.270	0.076	18.0	0.0856	0.0000	OK
120 minute winter	J19	70	186.149	0.122	18.7	0.1384	0.0000	OK
120 minute winter	J20	78	185.959	0.028	0.9	0.0317	0.0000	OK
120 minute winter	J21	78	185.931	0.036	1.7	0.0411	0.0000	OK
120 minute winter	J22	78	185.867	0.049	2.4	0.0550	0.0000	OK
120 minute winter	J23	78	185.833	0.050	2.7	0.0564	0.0000	OK
120 minute winter	J24	172	185.793	0.143	5.1	0.1617	0.0000	OK
120 minute winter	J25	172	185.794	0.179	5.8	0.2022	0.0000	SURCHARGED
120 minute winter	J26	172	185.795	0.208	6.5	0.2356	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J12	1.013	J13	12.8	0.759	0.191	0.1096
120 minute winter	J13	1.014	J14	13.1	0.586	0.417	0.0423
120 minute winter	J14	1.015	J15	13.7	0.680	0.438	0.0385
120 minute winter	J15	1.016	J16	14.3	0.861	0.466	0.0850
120 minute winter	J16	1.017	J17	14.9	1.136	0.247	0.0440
120 minute winter	J17	1.018	S3	15.5	1.097	0.106	0.0269
120 minute winter	J18	1.020	J19	18.0	1.859	0.139	0.0145
120 minute winter	J19	1.021	S4	18.7	0.771	0.339	0.1069
120 minute winter	J20	23.002	J21	0.9	0.431	0.159	0.0082
120 minute winter	J21	23.003	J22	1.7	0.522	0.279	0.0254
120 minute winter	J22	23.004	J23	2.4	0.618	0.398	0.0138
120 minute winter	J23	23.005	S18	2.7	0.715	0.456	0.0284
120 minute winter	J24	23.007	J25	5.1	0.576	0.381	0.1079
120 minute winter	J25	23.008	J26	5.8	0.600	0.435	0.0874
120 minute winter	J26	23.009	S19	6.5	0.707	0.490	0.0652

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J27	172	185.809	0.348	9.2	0.3939	0.0000	SURCHARGED
120 minute winter	J28	64	186.410	0.054	3.1	0.0615	0.0000	OK
120 minute winter	J29	64	186.333	0.062	3.7	0.0702	0.0000	OK
120 minute winter	J30	66	186.219	0.072	5.0	0.0810	0.0000	OK
120 minute winter	J31	68	186.192	0.073	5.7	0.0825	0.0000	OK
120 minute winter	J32	70	186.139	0.075	6.4	0.0845	0.0000	OK
120 minute winter	J33	66	185.661	0.051	8.8	0.0576	0.0000	OK
120 minute winter	J34	66	185.211	0.086	11.3	0.0974	0.0000	OK
120 minute winter	J35	66	185.132	0.057	11.9	0.0645	0.0000	OK
120 minute winter	J36	66	184.970	0.095	12.6	0.1071	0.0000	OK
120 minute winter	J37	68	184.676	0.101	14.7	0.1143	0.0000	OK
120 minute winter	J38	68	184.504	0.129	16.2	0.1461	0.0000	OK
120 minute winter	J39	68	184.465	0.127	16.9	0.1432	0.0000	OK
120 minute winter	J40	68	184.434	0.109	17.7	0.1227	0.0000	OK
120 minute winter	J41	66	184.630	0.033	1.3	0.0369	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J27	23.011	S4	9.2	0.675	0.307	0.0951
120 minute winter	J28	32.001	J29	3.1	0.665	0.531	0.0417
120 minute winter	J29	32.002	S12	3.7	0.759	0.620	0.0226
120 minute winter	J30	32.004	J31	5.0	0.597	0.377	0.0417
120 minute winter	J31	32.005	J32	5.7	0.658	0.427	0.0840
120 minute winter	J32	32.006	S13	6.4	0.903	0.483	0.0380
120 minute winter	J33	32.008	S14	8.8	1.026	0.248	0.0789
120 minute winter	J34	32.010	J35	11.3	1.045	0.294	0.0986
120 minute winter	J35	32.011	J36	11.9	1.013	0.134	0.0816
120 minute winter	J36	32.012	S15	13.0	1.089	0.434	0.0286
120 minute winter	J37	32.014	S16	14.7	1.171	0.483	0.0658
120 minute winter	J38	32.016	J39	16.2	0.696	0.536	0.2519
120 minute winter	J39	32.017	J40	16.9	0.805	0.548	0.0766
120 minute winter	J40	32.018	S10	17.7	0.987	0.410	0.1716
120 minute winter	J41	48.002	J42	1.3	0.505	0.217	0.0160

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J42	70	184.577	0.040	2.0	0.0453	0.0000	OK
120 minute winter	J43	70	184.425	0.065	3.8	0.0734	0.0000	OK
120 minute winter	J44	70	184.412	0.062	4.5	0.0702	0.0000	OK
120 minute winter	J45	72	184.388	0.088	5.2	0.0996	0.0000	OK
120 minute winter	J46	72	184.365	0.093	7.2	0.1047	0.0000	OK
120 minute winter	J47	72	184.341	0.093	7.8	0.1048	0.0000	OK
120 minute winter	J48	72	184.263	0.109	9.7	0.1233	0.0000	OK
120 minute winter	J49	72	184.252	0.123	10.4	0.1386	0.0000	OK
120 minute winter	J50	72	184.243	0.118	11.1	0.1337	0.0000	OK
120 minute winter	J51	72	184.230	0.122	11.7	0.1383	0.0000	OK
120 minute winter	J52	72	184.218	0.114	12.5	0.1294	0.0000	OK
120 minute winter	J53	72	184.195	0.108	13.1	0.1224	0.0000	OK
120 minute winter	J54	70	185.019	0.040	1.7	0.0452	0.0000	OK
120 minute winter	J55	70	184.990	0.046	2.4	0.0524	0.0000	OK
120 minute winter	J56	72	184.106	0.139	19.2	0.1567	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J42	48.003	S21	2.0	0.542	0.337	0.0300
120 minute winter	J43	48.005	J44	3.8	0.531	0.270	0.0114
120 minute winter	J44	48.006	J45	4.5	0.507	0.334	0.0772
120 minute winter	J45	48.007	S22	5.2	0.470	0.381	0.0266
120 minute winter	J46	48.009	J47	7.2	0.630	0.539	0.0481
120 minute winter	J47	48.010	S23	7.8	0.737	0.585	0.0279
120 minute winter	J48	48.012	J49	9.7	0.473	0.324	0.1533
120 minute winter	J49	48.013	J50	10.4	0.482	0.339	0.0245
120 minute winter	J50	48.014	J51	11.1	0.515	0.372	0.1094
120 minute winter	J51	48.015	J52	11.7	0.554	0.382	0.0240
120 minute winter	J52	48.016	J53	12.5	0.639	0.410	0.0954
120 minute winter	J53	48.017	S24	13.1	0.759	0.435	0.1773
120 minute winter	J54	65.002	J55	1.7	0.522	0.285	0.0118
120 minute winter	J55	65.003	S24	2.4	0.693	0.404	0.0270
120 minute winter	J56	48.019	J57	19.2	0.612	0.354	0.2858

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Results for 30 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J57	72	184.081	0.136	19.8	0.1542	0.0000	OK
120 minute winter	BASIN 1	142	185.779	0.779	28.3	98.9053	0.0000	SURCHARGED
120 minute winter	BASIN 2	360	184.498	0.198	1.4	18.0535	0.0000	OK
120 minute winter	BASIN 3	174	183.197	0.096	20.0	67.2623	0.0000	OK
120 minute winter	BASIN 4	180	183.865	0.535	19.8	74.0086	0.0000	SURCHARGED
120 minute winter	SWALE 1	146	184.963	0.031	1.2	0.0354	0.0000	OK
120 minute winter	SWALE 2	2	184.450	0.000	0.0	0.0000	0.0000	OK
120 minute winter	SWALE 3	68	184.182	0.112	20.0	0.1269	0.0000	OK
120 minute winter	BH1	360	184.498	0.421	1.0	2.0234	0.0000	OK
120 minute winter	BH2	154	183.197	0.145	3.7	2.3276	0.0000	OK
120 minute winter	BH3	178	183.865	0.559	3.5	4.2136	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J57	48.020	S25	19.8	0.670	0.367	0.2344
120 minute winter	BASIN 1	1.023	S5	1.3	0.226	0.024	0.6013
120 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
120 minute winter	BASIN 2	71.000	BH1	1.0	0.492	0.164	0.1829
120 minute winter	BASIN 3	1.034	BH2	3.7	0.440	0.044	0.8336
120 minute winter	BASIN 4	48.022	BH3	3.5	0.595	0.066	0.7181
120 minute winter	SWALE 1	1.025	S6	1.2	0.314	0.023	0.1487
120 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
120 minute winter	SWALE 3	1.033	BASIN 3	20.0	0.855	0.288	1.0083
120 minute winter	BH1	Infiltration		0.1			
120 minute winter	BH2	Infiltration		0.2			
120 minute winter	BH3	Infiltration		0.2			

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S1	96	188.394	0.024	1.1	0.0325	0.0000	OK
180 minute summer	S2	100	187.141	0.102	11.3	0.1497	0.0000	OK
180 minute summer	S3	100	186.320	0.108	16.3	0.1409	0.0000	OK
180 minute summer	S4	212	185.784	0.406	26.6	0.4824	0.0000	SURCHARGED
180 minute summer	S5	196	185.772	0.792	1.2	0.8953	0.0000	SURCHARGED
180 minute summer	S6	200	184.876	0.032	1.2	0.0361	0.0000	OK
180 minute summer	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
180 minute summer	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
180 minute summer	S9	96	184.261	0.061	0.1	0.0686	0.0000	OK
180 minute summer	S10	96	184.261	0.077	18.9	0.1169	0.0000	OK
180 minute summer	S11	96	186.450	0.050	2.5	0.0808	0.0000	OK
180 minute summer	S12	96	186.240	0.064	4.1	0.0721	0.0000	OK
180 minute summer	S13	96	186.086	0.052	7.6	0.0735	0.0000	OK
180 minute summer	S14	96	185.344	0.094	10.6	0.1480	0.0000	OK
180 minute summer	S15	96	184.925	0.058	14.0	0.0805	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	S1	1.000	J1	1.1	0.491	0.126	0.0189
180 minute summer	S2	1.012	J12	11.3	0.717	0.379	0.0236
180 minute summer	S3	1.019	J18	16.3	1.089	0.532	0.0769
180 minute summer	S4	1.022	BASIN 1	26.7	1.440	0.159	1.1778
180 minute summer	S5	1.024	SWALE 1	1.2	0.315	0.023	0.0793
180 minute summer	S6	1.026	BASIN 2	1.2	0.355	0.023	0.0199
180 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
180 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0610
180 minute summer	S9	1.031	S10	-0.1	-0.036	-0.002	0.0813
180 minute summer	S10	1.032	SWALE 3	18.9	1.024	0.105	0.0807
180 minute summer	S11	32.000	J28	2.5	0.624	0.420	0.0183
180 minute summer	S12	32.003	J30	4.1	0.548	0.308	0.0382
180 minute summer	S13	32.007	J33	7.6	1.458	0.235	0.0677
180 minute summer	S14	32.009	J34	10.6	0.966	0.609	0.0572
180 minute summer	S15	32.013	J37	13.3	1.093	0.145	0.1152

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S16	96	184.613	0.056	14.7	0.0707	0.0000	OK
180 minute summer	S17	116	186.016	0.016	0.3	0.0177	0.0000	OK
180 minute summer	S18	212	185.784	0.123	4.3	0.1731	0.0000	OK
180 minute summer	S19	208	185.781	0.290	8.1	0.3973	0.0000	SURCHARGED
180 minute summer	S20	96	184.675	0.033	1.3	0.0399	0.0000	OK
180 minute summer	S21	96	184.511	0.052	2.8	0.0617	0.0000	OK
180 minute summer	S22	100	184.375	0.089	6.1	0.1086	0.0000	OK
180 minute summer	S23	100	184.265	0.107	8.3	0.1261	0.0000	OK
180 minute summer	S24	100	184.115	0.138	17.6	0.2005	0.0000	OK
180 minute summer	S25	100	184.047	0.121	18.4	0.1368	0.0000	OK
180 minute summer	S26	96	185.399	0.022	0.9	0.0270	0.0000	OK
180 minute summer	FC1	104	188.697	0.447	1.0	0.5944	0.0000	SURCHARGED
180 minute summer	FC2	104	188.597	0.447	1.0	0.5948	0.0000	SURCHARGED
180 minute summer	FC3	112	188.835	0.635	1.6	1.3044	0.0000	SURCHARGED
180 minute summer	FC4	104	188.530	0.330	0.8	0.4262	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	S16	32.015	J38	14.7	0.992	0.100	0.0348
180 minute summer	S17	23.001	J20	0.3	0.323	0.053	0.0087
180 minute summer	S18	23.006	J24	4.3	0.533	0.311	0.0293
180 minute summer	S19	23.010	J27	8.0	0.568	0.268	0.3541
180 minute summer	S20	48.001	J41	1.2	0.569	0.210	0.0102
180 minute summer	S21	48.004	J43	2.8	0.714	0.475	0.0201
180 minute summer	S22	48.008	J46	6.1	0.565	0.454	0.0262
180 minute summer	S23	48.011	J48	8.3	0.464	0.270	0.0203
180 minute summer	S24	48.018	J56	17.6	0.570	0.328	0.1308
180 minute summer	S25	48.021	BASIN 4	18.4	0.767	0.333	0.0765
180 minute summer	S26	65.001	J54	0.9	0.711	0.104	0.0109
180 minute summer	FC1	2.000	J1	0.7	0.407	0.106	0.0104
180 minute summer	FC2	3.000	J2	0.7	0.261	0.111	0.0145
180 minute summer	FC3	4.000	J3	0.8	0.546	0.124	0.0136
180 minute summer	FC4	5.000	J4	0.6	0.559	0.075	0.0074

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC5	104	188.448	0.447	1.0	0.5956	0.0000	SURCHARGED
180 minute summer	FC6	104	188.179	0.329	0.8	0.4251	0.0000	SURCHARGED
180 minute summer	FC7	104	188.081	0.331	0.8	0.4267	0.0000	SURCHARGED
180 minute summer	FC8	104	188.194	0.444	1.0	0.5906	0.0000	SURCHARGED
180 minute summer	FC9	104	187.802	0.332	0.8	0.4286	0.0000	SURCHARGED
180 minute summer	FC10	108	188.099	0.629	1.4	1.0663	0.0000	SURCHARGED
180 minute summer	FC11	104	187.721	0.401	0.9	0.5254	0.0000	SURCHARGED
180 minute summer	FC12	104	187.631	0.401	0.9	0.5254	0.0000	SURCHARGED
180 minute summer	FC13	104	187.447	0.447	1.0	0.5953	0.0000	SURCHARGED
180 minute summer	FC14	116	187.016	0.116	1.0	1.4781	0.0000	SURCHARGED
180 minute summer	FC15	104	187.526	0.326	0.8	0.4210	0.0000	SURCHARGED
180 minute summer	FC16	104	187.231	0.331	0.8	0.4277	0.0000	SURCHARGED
180 minute summer	FC17	104	187.327	0.327	0.8	0.4226	0.0000	SURCHARGED
180 minute summer	FC18	104	186.882	0.332	0.8	0.4287	0.0000	SURCHARGED
180 minute summer	FC19	104	186.847	0.447	1.0	0.5954	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC5	6.000	J5	0.7	0.486	0.111	0.0056
180 minute summer	FC6	7.000	J6	0.6	0.615	0.065	0.0067
180 minute summer	FC7	8.000	J7	0.6	0.530	0.079	0.0083
180 minute summer	FC8	9.000	J8	0.7	0.689	0.068	0.0040
180 minute summer	FC9	10.000	J9	0.6	0.472	0.095	0.0086
180 minute summer	FC10	11.000	J10	0.8	0.558	0.119	0.0088
180 minute summer	FC11	12.000	J11	0.6	0.483	0.105	0.0100
180 minute summer	FC12	13.000	S2	0.6	0.483	0.105	0.0089
180 minute summer	FC13	14.000	J12	0.7	0.491	0.111	0.0092
180 minute summer	FC14	15.000	J13	0.3	0.400	0.054	0.0060
180 minute summer	FC15	16.000	J14	0.6	0.998	0.033	0.0027
180 minute summer	FC16	17.000	J15	0.6	0.501	0.087	0.0086
180 minute summer	FC17	18.000	J16	0.6	0.794	0.045	0.0034
180 minute summer	FC18	19.000	J17	0.6	0.469	0.096	0.0084
180 minute summer	FC19	20.000	S3	0.7	0.489	0.112	0.0089

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC20	104	187.391	0.441	1.0	0.5873	0.0000	SURCHARGED
180 minute summer	FC21	104	186.747	0.447	1.0	0.5953	0.0000	SURCHARGED
180 minute summer	FC22	116	186.558	0.108	0.8	1.0459	0.0000	SURCHARGED
180 minute summer	FC23	104	186.632	0.332	0.8	0.4282	0.0000	SURCHARGED
180 minute summer	FC24	104	186.746	0.446	1.0	0.5930	0.0000	SURCHARGED
180 minute summer	FC25	104	186.991	0.441	1.0	0.5874	0.0000	SURCHARGED
180 minute summer	FC26	116	186.555	0.105	0.8	1.0620	0.0000	SURCHARGED
180 minute summer	FC27	104	186.826	0.326	0.8	0.4209	0.0000	SURCHARGED
180 minute summer	FC28	104	186.941	0.441	1.0	0.5874	0.0000	SURCHARGED
180 minute summer	FC29	104	187.016	0.516	1.1	0.6965	0.0000	SURCHARGED
180 minute summer	FC30	104	187.192	0.442	1.0	0.5879	0.0000	SURCHARGED
180 minute summer	FC31	104	186.779	0.329	0.8	0.4245	0.0000	SURCHARGED
180 minute summer	FC32	104	186.777	0.327	0.8	0.4223	0.0000	SURCHARGED
180 minute summer	FC33	104	186.892	0.442	1.0	0.5880	0.0000	SURCHARGED
180 minute summer	FC34	104	186.897	0.447	1.0	0.5950	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC20	21.000	J18	0.7	0.986	0.041	0.0029
180 minute summer	FC21	22.000	J19	0.7	0.490	0.112	0.0103
180 minute summer	FC22	23.000	S17	0.3	0.567	0.017	0.0027
180 minute summer	FC23	24.000	J20	0.6	0.488	0.089	0.0053
180 minute summer	FC24	25.000	J21	0.7	0.572	0.089	0.0053
180 minute summer	FC25	26.000	J22	0.7	0.978	0.042	0.0032
180 minute summer	FC26	27.000	J23	0.3	0.692	0.023	0.0021
180 minute summer	FC27	28.000	J24	0.6	1.030	0.031	0.0025
180 minute summer	FC28	29.000	J25	0.7	0.984	0.041	0.0029
180 minute summer	FC29	30.000	J26	0.7	0.980	0.046	0.0034
180 minute summer	FC30	31.000	J27	0.7	0.919	0.045	0.0032
180 minute summer	FC31	33.000	J28	0.6	0.332	0.063	0.0107
180 minute summer	FC32	34.000	J29	0.6	0.282	0.045	0.0116
180 minute summer	FC33	35.000	S12	0.7	0.903	0.046	0.0030
180 minute summer	FC34	36.000	J30	0.7	0.503	0.106	0.0062

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC35	104	186.892	0.442	1.0	0.5878	0.0000	SURCHARGED
180 minute summer	FC36	104	186.965	0.515	1.1	0.6962	0.0000	SURCHARGED
180 minute summer	FC37	108	186.422	0.622	1.3	0.9126	0.0000	SURCHARGED
180 minute summer	FC38	116	185.544	0.094	0.8	1.1312	0.0000	OK
180 minute summer	FC39	104	185.777	0.327	0.8	0.4218	0.0000	SURCHARGED
180 minute summer	FC40	104	185.941	0.441	1.0	0.5865	0.0000	SURCHARGED
180 minute summer	FC41	104	185.293	0.443	1.0	0.5899	0.0000	SURCHARGED
180 minute summer	FC42	104	185.045	0.444	1.0	0.5916	0.0000	SURCHARGED
180 minute summer	FC43	104	185.043	0.443	1.0	0.5898	0.0000	SURCHARGED
180 minute summer	FC44	96	184.619	0.019	0.8	0.0242	0.0000	OK
180 minute summer	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
180 minute summer	FC46	108	185.329	0.629	1.4	1.0674	0.0000	SURCHARGED
180 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute summer	FC48	104	185.242	0.442	1.0	0.5878	0.0000	SURCHARGED
180 minute summer	FC49	104	185.248	0.447	1.0	0.5956	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC35	37.000	J31	0.7	0.908	0.046	0.0047
180 minute summer	FC36	38.000	J32	0.7	0.979	0.045	0.0049
180 minute summer	FC37	39.000	J33	0.8	0.685	0.088	0.0075
180 minute summer	FC38	40.000	J34	0.3	0.652	0.023	0.0021
180 minute summer	FC39	41.000	J35	0.6	0.876	0.039	0.0029
180 minute summer	FC40	42.000	J36	0.7	1.121	0.034	0.0030
180 minute summer	FC41	43.000	J37	0.7	0.731	0.063	0.0045
180 minute summer	FC42	44.000	J38	0.7	0.637	0.076	0.0051
180 minute summer	FC43	45.000	J39	0.7	0.744	0.061	0.0038
180 minute summer	FC44	46.000	J40	0.8	0.809	0.071	0.0043
180 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
180 minute summer	FC46	48.000	S20	0.8	0.479	0.132	0.0110
180 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0057
180 minute summer	FC48	50.000	J42	0.7	0.476	0.047	0.0088
180 minute summer	FC49	51.000	S21	0.7	0.487	0.111	0.0059

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC50	104	185.248	0.447	1.0	0.5956	0.0000	SURCHARGED
180 minute summer	FC51	104	185.297	0.447	1.0	0.5954	0.0000	SURCHARGED
180 minute summer	FC52	104	185.822	0.572	1.2	0.7840	0.0000	SURCHARGED
180 minute summer	FC53	104	185.694	0.444	1.0	0.5910	0.0000	SURCHARGED
180 minute summer	FC54	104	185.578	0.328	0.8	0.4236	0.0000	SURCHARGED
180 minute summer	FC55	104	185.577	0.327	0.8	0.4217	0.0000	SURCHARGED
180 minute summer	FC56	104	185.791	0.441	1.0	0.5874	0.0000	SURCHARGED
180 minute summer	FC57	104	185.792	0.442	1.0	0.5879	0.0000	SURCHARGED
180 minute summer	FC58	104	185.677	0.327	0.8	0.4222	0.0000	SURCHARGED
180 minute summer	FC59	104	185.678	0.327	0.8	0.4228	0.0000	SURCHARGED
180 minute summer	FC60	104	185.793	0.443	1.0	0.5890	0.0000	SURCHARGED
180 minute summer	FC61	104	185.744	0.444	1.0	0.5914	0.0000	SURCHARGED
180 minute summer	FC62	108	185.882	0.632	1.5	1.1674	0.0000	SURCHARGED
180 minute summer	FC63	104	185.733	0.333	0.8	0.4294	0.0000	SURCHARGED
180 minute summer	FC64	104	185.447	0.447	1.0	0.5952	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC50	52.000	J43	0.7	0.487	0.111	0.0063
180 minute summer	FC51	55.000	S22	0.7	0.489	0.111	0.0083
180 minute summer	FC52	58.000	S23	0.8	0.739	0.075	0.0055
180 minute summer	FC53	61.000	J50	0.7	0.668	0.071	0.0042
180 minute summer	FC54	62.000	J51	0.6	0.710	0.052	0.0032
180 minute summer	FC55	64.000	J53	0.6	0.896	0.038	0.0026
180 minute summer	FC56	53.000	J44	0.7	0.967	0.043	0.0045
180 minute summer	FC57	54.000	J45	0.7	0.908	0.047	0.0047
180 minute summer	FC58	56.000	J46	0.6	0.834	0.042	0.0042
180 minute summer	FC59	57.000	J47	0.6	0.774	0.047	0.0047
180 minute summer	FC60	59.000	J48	0.7	0.800	0.056	0.0054
180 minute summer	FC61	60.000	J49	0.7	0.641	0.076	0.0076
180 minute summer	FC62	63.000	J52	0.8	0.623	0.103	0.0119
180 minute summer	FC63	65.000	S26	0.6	0.465	0.095	0.0030
180 minute summer	FC64	66.000	J54	0.7	0.339	0.111	0.0045

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC65	104	185.591	0.441	1.0	0.5865	0.0000	SURCHARGED
180 minute summer	FC66	104	185.446	0.446	1.0	0.5940	0.0000	SURCHARGED
180 minute summer	FC67	116	184.905	0.105	0.8	1.0852	0.0000	SURCHARGED
180 minute summer	FC68	104	184.880	0.329	0.8	0.4253	0.0000	SURCHARGED
180 minute summer	J1	96	188.242	0.042	2.8	0.0573	0.0000	OK
180 minute summer	J2	96	188.169	0.063	3.4	0.0711	0.0000	OK
180 minute summer	J3	96	188.104	0.058	4.2	0.0656	0.0000	OK
180 minute summer	J4	96	188.077	0.042	4.7	0.0472	0.0000	OK
180 minute summer	J5	96	187.948	0.038	5.3	0.0426	0.0000	OK
180 minute summer	J6	96	187.708	0.058	5.8	0.0656	0.0000	OK
180 minute summer	J7	100	187.672	0.072	6.3	0.0810	0.0000	OK
180 minute summer	J8	100	187.645	0.052	6.9	0.0587	0.0000	OK
180 minute summer	J9	100	187.347	0.072	7.5	0.0813	0.0000	OK
180 minute summer	J10	100	187.312	0.042	8.3	0.0477	0.0000	OK
180 minute summer	J11	100	187.182	0.061	8.9	0.0695	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC65	67.000	J55	0.7	0.486	0.035	0.0043
180 minute summer	FC66	68.000	S24	0.7	0.546	0.091	0.0026
180 minute summer	FC67	69.000	J56	0.3	0.383	0.051	0.0017
180 minute summer	FC68	70.000	J57	0.6	0.615	0.063	0.0021
180 minute summer	J1	1.001	J2	2.8	0.671	0.337	0.0209
180 minute summer	J2	1.002	J3	3.4	0.712	0.572	0.0049
180 minute summer	J3	1.003	J4	4.2	0.813	0.313	0.0100
180 minute summer	J4	1.004	J5	4.7	1.256	0.139	0.0132
180 minute summer	J5	1.005	J6	5.3	1.090	0.138	0.0276
180 minute summer	J6	1.006	J7	5.8	0.794	0.203	0.0143
180 minute summer	J7	1.007	J8	6.3	0.924	0.453	0.0077
180 minute summer	J8	1.008	J9	7.0	1.339	0.230	0.0440
180 minute summer	J9	1.009	J10	7.5	0.951	0.225	0.0096
180 minute summer	J10	1.010	J11	8.3	1.209	0.064	0.0170
180 minute summer	J11	1.011	S2	8.9	0.691	0.138	0.0703

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J12	100	186.877	0.068	12.0	0.0774	0.0000	OK
180 minute summer	J13	100	186.824	0.122	12.3	0.1385	0.0000	OK
180 minute summer	J14	100	186.811	0.116	12.8	0.1310	0.0000	OK
180 minute summer	J15	100	186.792	0.104	13.4	0.1172	0.0000	OK
180 minute summer	J16	100	186.755	0.085	14.0	0.0965	0.0000	OK
180 minute summer	J17	100	186.417	0.059	14.5	0.0665	0.0000	OK
180 minute summer	J18	100	186.267	0.073	16.9	0.0823	0.0000	OK
180 minute summer	J19	100	186.145	0.118	17.6	0.1337	0.0000	OK
180 minute summer	J20	104	185.958	0.027	0.9	0.0303	0.0000	OK
180 minute summer	J21	104	185.930	0.035	1.5	0.0393	0.0000	OK
180 minute summer	J22	108	185.864	0.046	2.2	0.0522	0.0000	OK
180 minute summer	J23	108	185.831	0.048	2.5	0.0537	0.0000	OK
180 minute summer	J24	208	185.784	0.134	4.8	0.1512	0.0000	OK
180 minute summer	J25	208	185.784	0.169	5.4	0.1910	0.0000	SURCHARGED
180 minute summer	J26	208	185.784	0.197	6.1	0.2233	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J12	1.013	J13	12.0	0.749	0.179	0.1043
180 minute summer	J13	1.014	J14	12.3	0.576	0.391	0.0404
180 minute summer	J14	1.015	J15	12.8	0.669	0.411	0.0368
180 minute summer	J15	1.016	J16	13.4	0.848	0.438	0.0811
180 minute summer	J16	1.017	J17	14.0	1.119	0.232	0.0420
180 minute summer	J17	1.018	S3	14.5	1.083	0.100	0.0256
180 minute summer	J18	1.020	J19	16.9	1.835	0.130	0.0138
180 minute summer	J19	1.021	S4	17.6	0.757	0.319	0.1021
180 minute summer	J20	23.002	J21	0.9	0.423	0.147	0.0077
180 minute summer	J21	23.003	J22	1.5	0.513	0.257	0.0238
180 minute summer	J22	23.004	J23	2.2	0.607	0.366	0.0129
180 minute summer	J23	23.005	S18	2.5	0.701	0.420	0.0266
180 minute summer	J24	23.007	J25	4.8	0.572	0.358	0.1056
180 minute summer	J25	23.008	J26	5.4	0.593	0.407	0.0874
180 minute summer	J26	23.009	S19	6.1	0.696	0.458	0.0652

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J27	208	185.794	0.333	8.6	0.3765	0.0000	SURCHARGED
180 minute summer	J28	96	186.409	0.053	3.0	0.0599	0.0000	OK
180 minute summer	J29	96	186.331	0.060	3.5	0.0682	0.0000	OK
180 minute summer	J30	96	186.216	0.069	4.7	0.0778	0.0000	OK
180 minute summer	J31	100	186.189	0.070	5.3	0.0792	0.0000	OK
180 minute summer	J32	100	186.136	0.072	6.0	0.0815	0.0000	OK
180 minute summer	J33	96	185.659	0.049	8.3	0.0558	0.0000	OK
180 minute summer	J34	96	185.209	0.084	10.8	0.0949	0.0000	OK
180 minute summer	J35	96	185.130	0.055	11.3	0.0626	0.0000	OK
180 minute summer	J36	96	184.967	0.092	11.9	0.1042	0.0000	OK
180 minute summer	J37	96	184.673	0.098	13.9	0.1112	0.0000	OK
180 minute summer	J38	96	184.499	0.124	15.3	0.1405	0.0000	OK
180 minute summer	J39	96	184.460	0.122	15.9	0.1376	0.0000	OK
180 minute summer	J40	100	184.429	0.104	16.6	0.1181	0.0000	OK
180 minute summer	J41	96	184.629	0.032	1.2	0.0363	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J27	23.011	S4	8.6	0.664	0.288	0.0951
180 minute summer	J28	32.001	J29	3.0	0.659	0.509	0.0403
180 minute summer	J29	32.002	S12	3.5	0.751	0.594	0.0218
180 minute summer	J30	32.004	J31	4.7	0.591	0.354	0.0396
180 minute summer	J31	32.005	J32	5.3	0.647	0.400	0.0800
180 minute summer	J32	32.006	S13	6.0	0.885	0.453	0.0362
180 minute summer	J33	32.008	S14	8.3	1.011	0.233	0.0758
180 minute summer	J34	32.010	J35	10.8	1.034	0.280	0.0949
180 minute summer	J35	32.011	J36	11.3	0.999	0.127	0.0785
180 minute summer	J36	32.012	S15	12.5	1.081	0.416	0.0276
180 minute summer	J37	32.014	S16	13.9	1.159	0.458	0.0631
180 minute summer	J38	32.016	J39	15.3	0.688	0.505	0.2399
180 minute summer	J39	32.017	J40	15.8	0.794	0.514	0.0729
180 minute summer	J40	32.018	S10	16.6	0.971	0.385	0.1634
180 minute summer	J41	48.002	J42	1.2	0.504	0.209	0.0153

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J42	100	184.576	0.039	1.8	0.0438	0.0000	OK
180 minute summer	J43	100	184.421	0.061	3.5	0.0695	0.0000	OK
180 minute summer	J44	100	184.409	0.059	4.1	0.0664	0.0000	OK
180 minute summer	J45	100	184.383	0.083	4.8	0.0938	0.0000	OK
180 minute summer	J46	100	184.360	0.088	6.7	0.0994	0.0000	OK
180 minute summer	J47	100	184.336	0.088	7.2	0.1000	0.0000	OK
180 minute summer	J48	100	184.257	0.103	9.0	0.1164	0.0000	OK
180 minute summer	J49	100	184.245	0.116	9.6	0.1315	0.0000	OK
180 minute summer	J50	100	184.237	0.112	10.2	0.1267	0.0000	OK
180 minute summer	J51	100	184.224	0.116	10.8	0.1316	0.0000	OK
180 minute summer	J52	100	184.213	0.109	11.5	0.1233	0.0000	OK
180 minute summer	J53	104	184.191	0.103	12.1	0.1170	0.0000	OK
180 minute summer	J54	104	185.017	0.038	1.5	0.0425	0.0000	OK
180 minute summer	J55	104	184.988	0.044	2.2	0.0497	0.0000	OK
180 minute summer	J56	100	184.100	0.132	17.8	0.1498	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J42	48.003	S21	1.9	0.537	0.315	0.0283
180 minute summer	J43	48.005	J44	3.5	0.527	0.248	0.0106
180 minute summer	J44	48.006	J45	4.1	0.504	0.308	0.0718
180 minute summer	J45	48.007	S22	4.8	0.466	0.350	0.0248
180 minute summer	J46	48.009	J47	6.7	0.619	0.498	0.0453
180 minute summer	J47	48.010	S23	7.2	0.719	0.541	0.0264
180 minute summer	J48	48.012	J49	9.0	0.468	0.300	0.1428
180 minute summer	J49	48.013	J50	9.6	0.475	0.313	0.0229
180 minute summer	J50	48.014	J51	10.2	0.506	0.342	0.1026
180 minute summer	J51	48.015	J52	10.8	0.542	0.351	0.0226
180 minute summer	J52	48.016	J53	11.5	0.627	0.378	0.0898
180 minute summer	J53	48.017	S24	12.1	0.741	0.401	0.1676
180 minute summer	J54	65.002	J55	1.5	0.511	0.257	0.0109
180 minute summer	J55	65.003	S24	2.2	0.677	0.370	0.0253
180 minute summer	J56	48.019	J57	17.8	0.601	0.329	0.2698

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Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J57	100	184.076	0.131	18.4	0.1477	0.0000	OK
180 minute summer	BASIN 1	196	185.772	0.772	26.7	97.8136	0.0000	SURCHARGED
180 minute summer	BASIN 2	420	184.522	0.222	1.4	20.3540	0.0000	OK
180 minute summer	BASIN 3	224	183.196	0.096	18.8	67.1777	0.0000	OK
180 minute summer	BASIN 4	224	183.858	0.528	18.4	72.9385	0.0000	SURCHARGED
180 minute summer	SWALE 1	196	184.963	0.031	1.2	0.0354	0.0000	OK
180 minute summer	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWALE 3	100	184.179	0.109	18.9	0.1228	0.0000	OK
180 minute summer	BH1	420	184.522	0.445	0.9	2.0919	0.0000	OK
180 minute summer	BH2	232	183.197	0.145	3.0	2.3247	0.0000	OK
180 minute summer	BH3	224	183.858	0.552	2.3	4.1809	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J57	48.020	S25	18.4	0.657	0.340	0.2217
180 minute summer	BASIN 1	1.023	S5	1.2	0.207	0.023	0.6013
180 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
180 minute summer	BASIN 2	71.000	BH1	0.9	0.441	0.150	0.1829
180 minute summer	BASIN 3	1.034	BH2	3.0	0.369	0.036	0.8306
180 minute summer	BASIN 4	48.022	BH3	2.3	0.490	0.043	0.7181
180 minute summer	SWALE 1	1.025	S6	1.2	0.313	0.023	0.1482
180 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
180 minute summer	SWALE 3	1.033	BASIN 3	18.8	0.842	0.271	0.9658
180 minute summer	BH1	Infiltration		0.1			
180 minute summer	BH2	Infiltration		0.2			
180 minute summer	BH3	Infiltration		0.2			

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S1	92	188.391	0.020	0.8	0.0277	0.0000	OK
180 minute winter	S2	104	187.135	0.096	10.2	0.1415	0.0000	OK
180 minute winter	S3	104	186.315	0.102	14.7	0.1332	0.0000	OK
180 minute winter	S4	192	185.841	0.463	23.8	0.5499	0.0000	SURCHARGED
180 minute winter	S5	196	185.841	0.860	1.3	0.9732	0.0000	SURCHARGED
180 minute winter	S6	196	184.877	0.033	1.3	0.0369	0.0000	OK
180 minute winter	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
180 minute winter	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
180 minute winter	S9	100	184.254	0.054	0.1	0.0607	0.0000	OK
180 minute winter	S10	100	184.254	0.070	16.2	0.1063	0.0000	OK
180 minute winter	S11	96	186.442	0.042	1.9	0.0684	0.0000	OK
180 minute winter	S12	100	186.233	0.057	3.4	0.0646	0.0000	OK
180 minute winter	S13	100	186.081	0.047	6.5	0.0674	0.0000	OK
180 minute winter	S14	96	185.335	0.084	8.9	0.1325	0.0000	OK
180 minute winter	S15	100	184.920	0.053	11.7	0.0742	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	S1	1.000	J1	0.8	0.451	0.092	0.0154
180 minute winter	S2	1.012	J12	10.2	0.696	0.342	0.0219
180 minute winter	S3	1.019	J18	14.7	1.062	0.479	0.0712
180 minute winter	S4	1.022	BASIN 1	23.7	1.461	0.141	1.1778
180 minute winter	S5	1.024	SWALE 1	1.3	0.319	0.024	0.0818
180 minute winter	S6	1.026	BASIN 2	1.3	0.359	0.024	0.0205
180 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
180 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0511
180 minute winter	S9	1.031	S10	-0.1	-0.043	-0.001	0.0698
180 minute winter	S10	1.032	SWALE 3	16.2	0.990	0.090	0.0718
180 minute winter	S11	32.000	J28	1.9	0.579	0.319	0.0150
180 minute winter	S12	32.003	J30	3.4	0.524	0.257	0.0334
180 minute winter	S13	32.007	J33	6.5	1.393	0.201	0.0606
180 minute winter	S14	32.009	J34	8.9	0.931	0.514	0.0502
180 minute winter	S15	32.013	J37	11.4	1.038	0.123	0.1035

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S16	100	184.607	0.050	12.6	0.0634	0.0000	OK
180 minute winter	S17	120	186.016	0.016	0.3	0.0177	0.0000	OK
180 minute winter	S18	216	185.848	0.187	3.7	0.2645	0.0000	SURCHARGED
180 minute winter	S19	216	185.847	0.356	7.0	0.4883	0.0000	SURCHARGED
180 minute winter	S20	100	184.674	0.032	1.2	0.0385	0.0000	OK
180 minute winter	S21	100	184.509	0.050	2.7	0.0597	0.0000	OK
180 minute winter	S22	104	184.370	0.084	5.7	0.1031	0.0000	OK
180 minute winter	S23	104	184.260	0.102	7.7	0.1200	0.0000	OK
180 minute winter	S24	104	184.109	0.132	16.2	0.1913	0.0000	OK
180 minute winter	S25	104	184.042	0.116	17.0	0.1313	0.0000	OK
180 minute winter	S26	104	185.398	0.021	0.8	0.0253	0.0000	OK
180 minute winter	FC1	108	188.653	0.402	0.8	0.5357	0.0000	SURCHARGED
180 minute winter	FC2	108	188.553	0.403	0.8	0.5362	0.0000	SURCHARGED
180 minute winter	FC3	116	188.834	0.634	1.2	1.2616	0.0000	SURCHARGED
180 minute winter	FC4	104	188.470	0.270	0.6	0.3481	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	S16	32.015	J38	12.6	0.968	0.086	0.0307
180 minute winter	S17	23.001	J20	0.3	0.331	0.053	0.0084
180 minute winter	S18	23.006	J24	3.7	0.518	0.273	0.0323
180 minute winter	S19	23.010	J27	7.0	0.545	0.233	0.3541
180 minute winter	S20	48.001	J41	1.2	0.561	0.197	0.0097
180 minute winter	S21	48.004	J43	2.7	0.705	0.451	0.0193
180 minute winter	S22	48.008	J46	5.7	0.560	0.421	0.0246
180 minute winter	S23	48.011	J48	7.7	0.456	0.250	0.0191
180 minute winter	S24	48.018	J56	16.2	0.559	0.303	0.1231
180 minute winter	S25	48.021	BASIN 4	17.0	0.751	0.308	0.0724
180 minute winter	S26	65.001	J54	0.8	0.687	0.092	0.0100
180 minute winter	FC1	2.000	J1	0.6	0.398	0.101	0.0091
180 minute winter	FC2	3.000	J2	0.6	0.256	0.105	0.0131
180 minute winter	FC3	4.000	J3	0.8	0.546	0.124	0.0135
180 minute winter	FC4	5.000	J4	0.5	0.542	0.067	0.0069

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC5	108	188.404	0.404	0.8	0.5371	0.0000	SURCHARGED
180 minute winter	FC6	104	188.119	0.269	0.6	0.3469	0.0000	SURCHARGED
180 minute winter	FC7	104	188.020	0.270	0.6	0.3487	0.0000	SURCHARGED
180 minute winter	FC8	108	188.149	0.399	0.8	0.5315	0.0000	SURCHARGED
180 minute winter	FC9	104	187.742	0.272	0.6	0.3506	0.0000	SURCHARGED
180 minute winter	FC10	112	188.094	0.624	1.1	0.9747	0.0000	SURCHARGED
180 minute winter	FC11	108	187.671	0.351	0.7	0.4607	0.0000	SURCHARGED
180 minute winter	FC12	108	187.582	0.351	0.7	0.4608	0.0000	SURCHARGED
180 minute winter	FC13	108	187.403	0.403	0.8	0.5367	0.0000	SURCHARGED
180 minute winter	FC14	128	187.027	0.127	0.8	1.6220	0.0000	SURCHARGED
180 minute winter	FC15	104	187.465	0.265	0.6	0.3425	0.0000	SURCHARGED
180 minute winter	FC16	104	187.171	0.271	0.6	0.3496	0.0000	SURCHARGED
180 minute winter	FC17	104	187.267	0.267	0.6	0.3442	0.0000	SURCHARGED
180 minute winter	FC18	104	186.822	0.272	0.6	0.3507	0.0000	SURCHARGED
180 minute winter	FC19	108	186.803	0.403	0.8	0.5368	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC5	6.000	J5	0.6	0.479	0.105	0.0054
180 minute winter	FC6	7.000	J6	0.5	0.596	0.058	0.0062
180 minute winter	FC7	8.000	J7	0.5	0.518	0.071	0.0071
180 minute winter	FC8	9.000	J8	0.6	0.679	0.064	0.0038
180 minute winter	FC9	10.000	J9	0.5	0.457	0.085	0.0080
180 minute winter	FC10	11.000	J10	0.8	0.557	0.118	0.0088
180 minute winter	FC11	12.000	J11	0.6	0.474	0.098	0.0095
180 minute winter	FC12	13.000	S2	0.6	0.473	0.098	0.0084
180 minute winter	FC13	14.000	J12	0.6	0.484	0.105	0.0088
180 minute winter	FC14	15.000	J13	0.3	0.406	0.057	0.0063
180 minute winter	FC15	16.000	J14	0.5	0.967	0.029	0.0025
180 minute winter	FC16	17.000	J15	0.5	0.486	0.078	0.0079
180 minute winter	FC17	18.000	J16	0.5	0.769	0.040	0.0032
180 minute winter	FC18	19.000	J17	0.5	0.455	0.086	0.0078
180 minute winter	FC19	20.000	S3	0.6	0.482	0.106	0.0086

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC20	108	187.346	0.396	0.8	0.5275	0.0000	SURCHARGED
180 minute winter	FC21	108	186.703	0.403	0.8	0.5367	0.0000	SURCHARGED
180 minute winter	FC22	120	186.557	0.107	0.6	1.0394	0.0000	SURCHARGED
180 minute winter	FC23	104	186.571	0.271	0.6	0.3501	0.0000	SURCHARGED
180 minute winter	FC24	108	186.701	0.401	0.8	0.5343	0.0000	SURCHARGED
180 minute winter	FC25	108	186.946	0.396	0.8	0.5276	0.0000	SURCHARGED
180 minute winter	FC26	120	186.555	0.105	0.6	1.0567	0.0000	SURCHARGED
180 minute winter	FC27	104	186.765	0.265	0.6	0.3423	0.0000	SURCHARGED
180 minute winter	FC28	108	186.896	0.396	0.8	0.5275	0.0000	SURCHARGED
180 minute winter	FC29	108	186.956	0.456	0.8	0.6164	0.0000	SURCHARGED
180 minute winter	FC30	108	187.147	0.397	0.8	0.5282	0.0000	SURCHARGED
180 minute winter	FC31	104	186.718	0.268	0.6	0.3463	0.0000	SURCHARGED
180 minute winter	FC32	104	186.716	0.266	0.6	0.3439	0.0000	SURCHARGED
180 minute winter	FC33	108	186.847	0.397	0.8	0.5284	0.0000	SURCHARGED
180 minute winter	FC34	108	186.853	0.403	0.8	0.5364	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC20	21.000	J18	0.6	0.970	0.039	0.0028
180 minute winter	FC21	22.000	J19	0.6	0.483	0.106	0.0099
180 minute winter	FC22	23.000	S17	0.3	0.566	0.017	0.0027
180 minute winter	FC23	24.000	J20	0.5	0.473	0.080	0.0049
180 minute winter	FC24	25.000	J21	0.6	0.564	0.084	0.0051
180 minute winter	FC25	26.000	J22	0.6	0.963	0.039	0.0031
180 minute winter	FC26	27.000	J23	0.3	0.692	0.023	0.0021
180 minute winter	FC27	28.000	J24	0.5	0.998	0.028	0.0023
180 minute winter	FC28	29.000	J25	0.6	0.968	0.039	0.0028
180 minute winter	FC29	30.000	J26	0.7	0.962	0.044	0.0033
180 minute winter	FC30	31.000	J27	0.6	0.904	0.043	0.0030
180 minute winter	FC31	33.000	J28	0.5	0.300	0.056	0.0091
180 minute winter	FC32	34.000	J29	0.5	0.257	0.040	0.0100
180 minute winter	FC33	35.000	S12	0.6	0.889	0.044	0.0029
180 minute winter	FC34	36.000	J30	0.6	0.495	0.101	0.0060

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC35	108	186.847	0.397	0.8	0.5282	0.0000	SURCHARGED
180 minute winter	FC36	108	186.906	0.456	0.8	0.6160	0.0000	SURCHARGED
180 minute winter	FC37	108	186.377	0.577	1.0	0.8025	0.0000	SURCHARGED
180 minute winter	FC38	124	185.544	0.094	0.6	1.1336	0.0000	OK
180 minute winter	FC39	104	185.716	0.266	0.6	0.3433	0.0000	SURCHARGED
180 minute winter	FC40	108	185.896	0.396	0.8	0.5265	0.0000	SURCHARGED
180 minute winter	FC41	108	185.249	0.399	0.8	0.5307	0.0000	SURCHARGED
180 minute winter	FC42	108	185.000	0.400	0.8	0.5326	0.0000	SURCHARGED
180 minute winter	FC43	108	184.999	0.399	0.8	0.5305	0.0000	SURCHARGED
180 minute winter	FC44	92	184.616	0.016	0.6	0.0209	0.0000	OK
180 minute winter	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
180 minute winter	FC46	112	185.324	0.624	1.1	0.9760	0.0000	SURCHARGED
180 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute winter	FC48	108	185.197	0.397	0.8	0.5281	0.0000	SURCHARGED
180 minute winter	FC49	108	185.204	0.403	0.8	0.5370	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC35	37.000	J31	0.6	0.895	0.044	0.0036
180 minute winter	FC36	38.000	J32	0.7	0.974	0.043	0.0039
180 minute winter	FC37	39.000	J33	0.8	0.678	0.085	0.0073
180 minute winter	FC38	40.000	J34	0.3	0.653	0.023	0.0021
180 minute winter	FC39	41.000	J35	0.5	0.850	0.035	0.0027
180 minute winter	FC40	42.000	J36	0.6	1.102	0.033	0.0029
180 minute winter	FC41	43.000	J37	0.6	0.720	0.060	0.0044
180 minute winter	FC42	44.000	J38	0.6	0.627	0.072	0.0049
180 minute winter	FC43	45.000	J39	0.6	0.733	0.058	0.0037
180 minute winter	FC44	46.000	J40	0.6	0.746	0.053	0.0035
180 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
180 minute winter	FC46	48.000	S20	0.8	0.465	0.132	0.0108
180 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0054
180 minute winter	FC48	50.000	J42	0.6	0.477	0.045	0.0085
180 minute winter	FC49	51.000	S21	0.6	0.480	0.105	0.0057

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC50	108	185.203	0.403	0.8	0.5370	0.0000	SURCHARGED
180 minute winter	FC51	108	185.253	0.403	0.8	0.5368	0.0000	SURCHARGED
180 minute winter	FC52	108	185.762	0.512	0.9	0.7024	0.0000	SURCHARGED
180 minute winter	FC53	108	185.650	0.400	0.8	0.5320	0.0000	SURCHARGED
180 minute winter	FC54	104	185.518	0.267	0.6	0.3453	0.0000	SURCHARGED
180 minute winter	FC55	104	185.516	0.266	0.6	0.3432	0.0000	SURCHARGED
180 minute winter	FC56	108	185.746	0.396	0.8	0.5277	0.0000	SURCHARGED
180 minute winter	FC57	108	185.747	0.397	0.8	0.5283	0.0000	SURCHARGED
180 minute winter	FC58	104	185.616	0.266	0.6	0.3437	0.0000	SURCHARGED
180 minute winter	FC59	104	185.617	0.267	0.6	0.3444	0.0000	SURCHARGED
180 minute winter	FC60	108	185.748	0.398	0.8	0.5296	0.0000	SURCHARGED
180 minute winter	FC61	108	185.700	0.400	0.8	0.5324	0.0000	SURCHARGED
180 minute winter	FC62	112	185.875	0.625	1.1	1.0225	0.0000	SURCHARGED
180 minute winter	FC63	104	185.672	0.272	0.6	0.3514	0.0000	SURCHARGED
180 minute winter	FC64	108	185.403	0.403	0.8	0.5366	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC50	52.000	J43	0.6	0.480	0.105	0.0061
180 minute winter	FC51	55.000	S22	0.6	0.482	0.106	0.0080
180 minute winter	FC52	58.000	S23	0.7	0.727	0.070	0.0053
180 minute winter	FC53	61.000	J50	0.6	0.658	0.067	0.0041
180 minute winter	FC54	62.000	J51	0.5	0.689	0.047	0.0029
180 minute winter	FC55	64.000	J53	0.5	0.868	0.034	0.0024
180 minute winter	FC56	53.000	J44	0.6	0.952	0.040	0.0043
180 minute winter	FC57	54.000	J45	0.6	0.893	0.044	0.0045
180 minute winter	FC58	56.000	J46	0.5	0.808	0.038	0.0039
180 minute winter	FC59	57.000	J47	0.5	0.749	0.042	0.0043
180 minute winter	FC60	59.000	J48	0.6	0.788	0.053	0.0052
180 minute winter	FC61	60.000	J49	0.6	0.631	0.072	0.0073
180 minute winter	FC62	63.000	J52	0.8	0.622	0.103	0.0119
180 minute winter	FC63	65.000	S26	0.5	0.445	0.086	0.0029
180 minute winter	FC64	66.000	J54	0.6	0.339	0.106	0.0042

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC65	108	185.546	0.396	0.8	0.5264	0.0000	SURCHARGED
180 minute winter	FC66	108	185.402	0.402	0.8	0.5353	0.0000	SURCHARGED
180 minute winter	FC67	120	184.905	0.105	0.6	1.0827	0.0000	SURCHARGED
180 minute winter	FC68	104	184.819	0.269	0.6	0.3471	0.0000	SURCHARGED
180 minute winter	J1	104	188.237	0.037	2.2	0.0495	0.0000	OK
180 minute winter	J2	104	188.162	0.056	2.8	0.0637	0.0000	OK
180 minute winter	J3	104	188.100	0.054	3.6	0.0610	0.0000	OK
180 minute winter	J4	104	188.074	0.039	4.1	0.0440	0.0000	OK
180 minute winter	J5	104	187.946	0.036	4.7	0.0404	0.0000	OK
180 minute winter	J6	104	187.705	0.055	5.2	0.0617	0.0000	OK
180 minute winter	J7	104	187.668	0.068	5.8	0.0770	0.0000	OK
180 minute winter	J8	104	187.643	0.049	6.4	0.0559	0.0000	OK
180 minute winter	J9	104	187.344	0.069	6.9	0.0777	0.0000	OK
180 minute winter	J10	104	187.310	0.040	7.7	0.0456	0.0000	OK
180 minute winter	J11	104	187.180	0.059	8.2	0.0667	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC65	67.000	J55	0.6	0.489	0.033	0.0041
180 minute winter	FC66	68.000	S24	0.6	0.538	0.087	0.0025
180 minute winter	FC67	69.000	J56	0.3	0.383	0.051	0.0016
180 minute winter	FC68	70.000	J57	0.5	0.596	0.056	0.0019
180 minute winter	J1	1.001	J2	2.2	0.625	0.267	0.0179
180 minute winter	J2	1.002	J3	2.8	0.681	0.479	0.0043
180 minute winter	J3	1.003	J4	3.6	0.781	0.272	0.0091
180 minute winter	J4	1.004	J5	4.1	1.209	0.123	0.0121
180 minute winter	J5	1.005	J6	4.7	1.064	0.124	0.0255
180 minute winter	J6	1.006	J7	5.2	0.775	0.185	0.0133
180 minute winter	J7	1.007	J8	5.8	0.899	0.413	0.0072
180 minute winter	J8	1.008	J9	6.4	1.308	0.211	0.0412
180 minute winter	J9	1.009	J10	6.9	0.930	0.206	0.0090
180 minute winter	J10	1.010	J11	7.7	1.182	0.059	0.0160
180 minute winter	J11	1.011	S2	8.2	0.680	0.128	0.0656

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J12	104	186.873	0.064	10.8	0.0728	0.0000	OK
180 minute winter	J13	104	186.817	0.115	11.1	0.1306	0.0000	OK
180 minute winter	J14	104	186.804	0.109	11.6	0.1237	0.0000	OK
180 minute winter	J15	104	186.786	0.098	12.1	0.1110	0.0000	OK
180 minute winter	J16	104	186.751	0.081	12.6	0.0912	0.0000	OK
180 minute winter	J17	104	186.413	0.055	13.1	0.0620	0.0000	OK
180 minute winter	J18	104	186.262	0.068	15.3	0.0773	0.0000	OK
180 minute winter	J19	104	186.139	0.112	15.9	0.1269	0.0000	OK
180 minute winter	J20	112	185.957	0.026	0.8	0.0291	0.0000	OK
180 minute winter	J21	108	185.929	0.034	1.4	0.0379	0.0000	OK
180 minute winter	J22	108	185.863	0.044	2.1	0.0503	0.0000	OK
180 minute winter	J23	216	185.848	0.065	2.4	0.0740	0.0000	OK
180 minute winter	J24	216	185.848	0.198	4.2	0.2243	0.0000	SURCHARGED
180 minute winter	J25	216	185.848	0.232	4.8	0.2629	0.0000	SURCHARGED
180 minute winter	J26	216	185.849	0.262	5.5	0.2961	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J12	1.013	J13	10.8	0.732	0.162	0.0966
180 minute winter	J13	1.014	J14	11.1	0.561	0.354	0.0376
180 minute winter	J14	1.015	J15	11.6	0.651	0.373	0.0342
180 minute winter	J15	1.016	J16	12.1	0.827	0.397	0.0753
180 minute winter	J16	1.017	J17	12.6	1.091	0.210	0.0390
180 minute winter	J17	1.018	S3	13.1	1.067	0.090	0.0236
180 minute winter	J18	1.020	J19	15.3	1.797	0.118	0.0127
180 minute winter	J19	1.021	S4	15.9	0.735	0.288	0.0951
180 minute winter	J20	23.002	J21	0.8	0.415	0.137	0.0074
180 minute winter	J21	23.003	J22	1.4	0.505	0.241	0.0227
180 minute winter	J22	23.004	J23	2.1	0.597	0.345	0.0135
180 minute winter	J23	23.005	S18	2.4	0.691	0.398	0.0497
180 minute winter	J24	23.007	J25	4.2	0.555	0.318	0.1088
180 minute winter	J25	23.008	J26	4.8	0.578	0.365	0.0874
180 minute winter	J26	23.009	S19	5.5	0.679	0.414	0.0652

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J27	216	185.858	0.397	7.6	0.4488	0.0000	SURCHARGED
180 minute winter	J28	96	186.402	0.046	2.4	0.0517	0.0000	OK
180 minute winter	J29	96	186.324	0.053	2.8	0.0595	0.0000	OK
180 minute winter	J30	100	186.210	0.063	4.0	0.0711	0.0000	OK
180 minute winter	J31	100	186.184	0.065	4.6	0.0731	0.0000	OK
180 minute winter	J32	100	186.131	0.067	5.3	0.0759	0.0000	OK
180 minute winter	J33	104	185.656	0.046	7.2	0.0519	0.0000	OK
180 minute winter	J34	100	185.202	0.077	9.2	0.0872	0.0000	OK
180 minute winter	J35	100	185.126	0.051	9.7	0.0572	0.0000	OK
180 minute winter	J36	100	184.961	0.086	10.3	0.0969	0.0000	OK
180 minute winter	J37	100	184.666	0.091	12.0	0.1029	0.0000	OK
180 minute winter	J38	100	184.488	0.113	13.2	0.1283	0.0000	OK
180 minute winter	J39	100	184.450	0.112	13.8	0.1267	0.0000	OK
180 minute winter	J40	100	184.421	0.096	14.4	0.1088	0.0000	OK
180 minute winter	J41	100	184.628	0.031	1.2	0.0350	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J27	23.011	S4	7.6	0.640	0.254	0.0951
180 minute winter	J28	32.001	J29	2.4	0.620	0.401	0.0338
180 minute winter	J29	32.002	S12	2.8	0.716	0.479	0.0185
180 minute winter	J30	32.004	J31	4.0	0.567	0.304	0.0355
180 minute winter	J31	32.005	J32	4.6	0.624	0.350	0.0725
180 minute winter	J32	32.006	S13	5.3	0.859	0.397	0.0328
180 minute winter	J33	32.008	S14	7.2	0.995	0.203	0.0670
180 minute winter	J34	32.010	J35	9.2	0.993	0.238	0.0842
180 minute winter	J35	32.011	J36	9.7	0.956	0.109	0.0705
180 minute winter	J36	32.012	S15	10.6	1.022	0.354	0.0249
180 minute winter	J37	32.014	S16	12.0	1.130	0.394	0.0560
180 minute winter	J38	32.016	J39	13.2	0.664	0.437	0.2151
180 minute winter	J39	32.017	J40	13.8	0.769	0.448	0.0656
180 minute winter	J40	32.018	S10	14.4	0.937	0.334	0.1471
180 minute winter	J41	48.002	J42	1.2	0.490	0.197	0.0148

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J42	100	184.575	0.038	1.8	0.0428	0.0000	OK
180 minute winter	J43	104	184.420	0.059	3.3	0.0673	0.0000	OK
180 minute winter	J44	104	184.407	0.057	3.9	0.0644	0.0000	OK
180 minute winter	J45	104	184.379	0.079	4.5	0.0893	0.0000	OK
180 minute winter	J46	104	184.356	0.083	6.2	0.0944	0.0000	OK
180 minute winter	J47	104	184.332	0.084	6.7	0.0954	0.0000	OK
180 minute winter	J48	104	184.252	0.098	8.3	0.1107	0.0000	OK
180 minute winter	J49	104	184.240	0.111	8.9	0.1260	0.0000	OK
180 minute winter	J50	104	184.232	0.107	9.6	0.1215	0.0000	OK
180 minute winter	J51	104	184.220	0.112	10.1	0.1267	0.0000	OK
180 minute winter	J52	104	184.209	0.105	10.9	0.1189	0.0000	OK
180 minute winter	J53	104	184.187	0.100	11.4	0.1129	0.0000	OK
180 minute winter	J54	104	185.015	0.036	1.4	0.0409	0.0000	OK
180 minute winter	J55	104	184.986	0.042	2.0	0.0479	0.0000	OK
180 minute winter	J56	104	184.094	0.127	16.5	0.1431	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J42	48.003	S21	1.8	0.532	0.300	0.0272
180 minute winter	J43	48.005	J44	3.3	0.521	0.235	0.0101
180 minute winter	J44	48.006	J45	3.9	0.504	0.292	0.0681
180 minute winter	J45	48.007	S22	4.5	0.465	0.334	0.0233
180 minute winter	J46	48.009	J47	6.2	0.609	0.462	0.0427
180 minute winter	J47	48.010	S23	6.7	0.705	0.501	0.0250
180 minute winter	J48	48.012	J49	8.3	0.462	0.278	0.1346
180 minute winter	J49	48.013	J50	8.9	0.468	0.292	0.0217
180 minute winter	J50	48.014	J51	9.6	0.498	0.320	0.0975
180 minute winter	J51	48.015	J52	10.1	0.531	0.328	0.0215
180 minute winter	J52	48.016	J53	10.9	0.617	0.356	0.0857
180 minute winter	J53	48.017	S24	11.4	0.728	0.377	0.1601
180 minute winter	J54	65.002	J55	1.4	0.500	0.240	0.0104
180 minute winter	J55	65.003	S24	2.0	0.666	0.346	0.0241
180 minute winter	J56	48.019	J57	16.5	0.589	0.304	0.2544

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Results for 30 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J57	104	184.070	0.125	17.0	0.1414	0.0000	OK
180 minute winter	BASIN 1	196	185.841	0.840	23.7	107.9868	0.0000	SURCHARGED
180 minute winter	BASIN 2	420	184.533	0.233	1.3	21.4412	0.0000	OK
180 minute winter	BASIN 3	224	183.206	0.106	17.3	74.1835	0.0000	OK
180 minute winter	BASIN 4	224	183.916	0.586	17.0	81.8554	0.0000	SURCHARGED
180 minute winter	SWALE 1	196	184.964	0.032	1.3	0.0361	0.0000	OK
180 minute winter	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
180 minute winter	SWALE 3	100	184.170	0.100	16.2	0.1133	0.0000	OK
180 minute winter	BH1	420	184.533	0.456	0.9	2.1240	0.0000	OK
180 minute winter	BH2	220	183.207	0.155	2.9	2.3751	0.0000	OK
180 minute winter	BH3	224	183.916	0.610	2.5	4.4514	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J57	48.020	S25	17.0	0.643	0.315	0.2095
180 minute winter	BASIN 1	1.023	S5	1.3	0.186	0.024	0.6013
180 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
180 minute winter	BASIN 2	71.000	BH1	0.9	0.454	0.150	0.1829
180 minute winter	BASIN 3	1.034	BH2	2.9	0.377	0.035	0.9257
180 minute winter	BASIN 4	48.022	BH3	2.5	0.513	0.047	0.7181
180 minute winter	SWALE 1	1.025	S6	1.3	0.317	0.024	0.1527
180 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
180 minute winter	SWALE 3	1.033	BASIN 3	16.2	0.807	0.233	0.8656
180 minute winter	BH1	Infiltration		0.1			
180 minute winter	BH2	Infiltration		0.2			
180 minute winter	BH3	Infiltration		0.2			

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S1	124	188.392	0.022	0.9	0.0294	0.0000	OK
240 minute summer	S2	128	187.135	0.096	10.1	0.1410	0.0000	OK
240 minute summer	S3	132	186.314	0.102	14.5	0.1325	0.0000	OK
240 minute summer	S4	248	185.828	0.450	23.6	0.5344	0.0000	SURCHARGED
240 minute summer	S5	256	185.828	0.848	1.3	0.9592	0.0000	SURCHARGED
240 minute summer	S6	256	184.877	0.032	1.3	0.0367	0.0000	OK
240 minute summer	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
240 minute summer	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
240 minute summer	S9	128	184.254	0.054	0.1	0.0615	0.0000	OK
240 minute summer	S10	128	184.254	0.070	16.5	0.1073	0.0000	OK
240 minute summer	S11	124	186.444	0.044	2.1	0.0723	0.0000	OK
240 minute summer	S12	128	186.235	0.059	3.6	0.0662	0.0000	OK
240 minute summer	S13	128	186.082	0.048	6.6	0.0682	0.0000	OK
240 minute summer	S14	128	185.336	0.086	9.1	0.1344	0.0000	OK
240 minute summer	S15	128	184.921	0.054	12.1	0.0753	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	S1	1.000	J1	0.9	0.465	0.103	0.0164
240 minute summer	S2	1.012	J12	10.1	0.694	0.339	0.0218
240 minute summer	S3	1.019	J18	14.5	1.060	0.475	0.0706
240 minute summer	S4	1.022	BASIN 1	23.6	1.445	0.141	1.1778
240 minute summer	S5	1.024	SWALE 1	1.3	0.318	0.024	0.0813
240 minute summer	S6	1.026	BASIN 2	1.3	0.358	0.023	0.0204
240 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
240 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0521
240 minute summer	S9	1.031	S10	-0.1	-0.040	-0.001	0.0709
240 minute summer	S10	1.032	SWALE 3	16.5	0.993	0.091	0.0728
240 minute summer	S11	32.000	J28	2.1	0.596	0.351	0.0159
240 minute summer	S12	32.003	J30	3.6	0.530	0.268	0.0343
240 minute summer	S13	32.007	J33	6.6	1.403	0.206	0.0614
240 minute summer	S14	32.009	J34	9.1	0.935	0.526	0.0511
240 minute summer	S15	32.013	J37	11.7	1.052	0.127	0.1050

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S16	128	184.608	0.051	12.8	0.0640	0.0000	OK
240 minute summer	S17	148	186.015	0.015	0.3	0.0173	0.0000	OK
240 minute summer	S18	276	185.837	0.176	3.8	0.2483	0.0000	SURCHARGED
240 minute summer	S19	272	185.834	0.343	7.0	0.4699	0.0000	SURCHARGED
240 minute summer	S20	128	184.673	0.031	1.1	0.0377	0.0000	OK
240 minute summer	S21	132	184.509	0.050	2.6	0.0588	0.0000	OK
240 minute summer	S22	132	184.369	0.083	5.5	0.1013	0.0000	OK
240 minute summer	S23	136	184.258	0.100	7.5	0.1178	0.0000	OK
240 minute summer	S24	132	184.107	0.130	15.8	0.1887	0.0000	OK
240 minute summer	S25	132	184.041	0.115	16.6	0.1296	0.0000	OK
240 minute summer	S26	132	185.398	0.021	0.8	0.0252	0.0000	OK
240 minute summer	FC1	136	188.636	0.386	0.8	0.5141	0.0000	SURCHARGED
240 minute summer	FC2	136	188.537	0.387	0.8	0.5146	0.0000	SURCHARGED
240 minute summer	FC3	140	188.828	0.628	1.3	1.1116	0.0000	SURCHARGED
240 minute summer	FC4	136	188.461	0.260	0.7	0.3363	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	S16	32.015	J38	12.8	0.973	0.087	0.0311
240 minute summer	S17	23.001	J20	0.3	0.319	0.050	0.0083
240 minute summer	S18	23.006	J24	3.7	0.522	0.272	0.0323
240 minute summer	S19	23.010	J27	7.0	0.547	0.234	0.3541
240 minute summer	S20	48.001	J41	1.1	0.556	0.189	0.0094
240 minute summer	S21	48.004	J43	2.6	0.701	0.439	0.0189
240 minute summer	S22	48.008	J46	5.5	0.556	0.411	0.0241
240 minute summer	S23	48.011	J48	7.5	0.456	0.243	0.0186
240 minute summer	S24	48.018	J56	15.8	0.557	0.296	0.1208
240 minute summer	S25	48.021	BASIN 4	16.6	0.746	0.301	0.0712
240 minute summer	S26	65.001	J54	0.8	0.684	0.091	0.0099
240 minute summer	FC1	2.000	J1	0.6	0.396	0.099	0.0093
240 minute summer	FC2	3.000	J2	0.6	0.255	0.103	0.0133
240 minute summer	FC3	4.000	J3	0.8	0.545	0.123	0.0135
240 minute summer	FC4	5.000	J4	0.5	0.540	0.066	0.0068

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC5	136	188.387	0.387	0.8	0.5154	0.0000	SURCHARGED
240 minute summer	FC6	136	188.110	0.260	0.7	0.3351	0.0000	SURCHARGED
240 minute summer	FC7	136	188.011	0.261	0.7	0.3369	0.0000	SURCHARGED
240 minute summer	FC8	136	188.133	0.383	0.8	0.5102	0.0000	SURCHARGED
240 minute summer	FC9	136	187.732	0.262	0.7	0.3387	0.0000	SURCHARGED
240 minute summer	FC10	136	188.090	0.620	1.2	0.8823	0.0000	SURCHARGED
240 minute summer	FC11	132	187.641	0.321	0.8	0.4209	0.0000	SURCHARGED
240 minute summer	FC12	132	187.551	0.321	0.8	0.4209	0.0000	SURCHARGED
240 minute summer	FC13	136	187.387	0.387	0.8	0.5151	0.0000	SURCHARGED
240 minute summer	FC14	152	187.014	0.114	0.8	1.4544	0.0000	SURCHARGED
240 minute summer	FC15	136	187.456	0.256	0.7	0.3309	0.0000	SURCHARGED
240 minute summer	FC16	136	187.162	0.262	0.7	0.3378	0.0000	SURCHARGED
240 minute summer	FC17	136	187.258	0.258	0.7	0.3325	0.0000	SURCHARGED
240 minute summer	FC18	136	186.812	0.262	0.7	0.3388	0.0000	SURCHARGED
240 minute summer	FC19	136	186.787	0.387	0.8	0.5152	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC5	6.000	J5	0.6	0.477	0.103	0.0053
240 minute summer	FC6	7.000	J6	0.5	0.593	0.057	0.0062
240 minute summer	FC7	8.000	J7	0.5	0.515	0.070	0.0070
240 minute summer	FC8	9.000	J8	0.6	0.675	0.063	0.0038
240 minute summer	FC9	10.000	J9	0.5	0.455	0.084	0.0079
240 minute summer	FC10	11.000	J10	0.8	0.557	0.118	0.0087
240 minute summer	FC11	12.000	J11	0.6	0.467	0.094	0.0092
240 minute summer	FC12	13.000	S2	0.6	0.467	0.094	0.0082
240 minute summer	FC13	14.000	J12	0.6	0.481	0.103	0.0087
240 minute summer	FC14	15.000	J13	0.3	0.399	0.053	0.0060
240 minute summer	FC15	16.000	J14	0.5	0.961	0.029	0.0024
240 minute summer	FC16	17.000	J15	0.5	0.483	0.077	0.0078
240 minute summer	FC17	18.000	J16	0.5	0.765	0.040	0.0031
240 minute summer	FC18	19.000	J17	0.5	0.453	0.084	0.0077
240 minute summer	FC19	20.000	S3	0.6	0.479	0.104	0.0084

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC20	136	187.331	0.381	0.8	0.5066	0.0000	SURCHARGED
240 minute summer	FC21	136	186.687	0.387	0.8	0.5151	0.0000	SURCHARGED
240 minute summer	FC22	148	186.548	0.098	0.7	0.9508	0.0000	OK
240 minute summer	FC23	136	186.562	0.262	0.7	0.3383	0.0000	SURCHARGED
240 minute summer	FC24	136	186.685	0.385	0.8	0.5128	0.0000	SURCHARGED
240 minute summer	FC25	136	186.931	0.381	0.8	0.5066	0.0000	SURCHARGED
240 minute summer	FC26	148	186.546	0.096	0.7	0.9679	0.0000	OK
240 minute summer	FC27	136	186.756	0.256	0.7	0.3307	0.0000	SURCHARGED
240 minute summer	FC28	136	186.881	0.381	0.8	0.5066	0.0000	SURCHARGED
240 minute summer	FC29	136	186.917	0.417	0.9	0.5631	0.0000	SURCHARGED
240 minute summer	FC30	136	187.131	0.381	0.8	0.5071	0.0000	SURCHARGED
240 minute summer	FC31	136	186.709	0.259	0.7	0.3345	0.0000	SURCHARGED
240 minute summer	FC32	136	186.707	0.257	0.7	0.3322	0.0000	SURCHARGED
240 minute summer	FC33	136	186.831	0.381	0.8	0.5073	0.0000	SURCHARGED
240 minute summer	FC34	136	186.837	0.387	0.8	0.5148	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC20	21.000	J18	0.6	0.965	0.038	0.0027
240 minute summer	FC21	22.000	J19	0.6	0.480	0.104	0.0097
240 minute summer	FC22	23.000	S17	0.3	0.558	0.016	0.0026
240 minute summer	FC23	24.000	J20	0.5	0.471	0.079	0.0048
240 minute summer	FC24	25.000	J21	0.6	0.561	0.082	0.0051
240 minute summer	FC25	26.000	J22	0.6	0.957	0.039	0.0030
240 minute summer	FC26	27.000	J23	0.3	0.681	0.022	0.0020
240 minute summer	FC27	28.000	J24	0.5	0.993	0.027	0.0023
240 minute summer	FC28	29.000	J25	0.6	0.963	0.038	0.0028
240 minute summer	FC29	30.000	J26	0.6	0.949	0.042	0.0032
240 minute summer	FC30	31.000	J27	0.6	0.899	0.042	0.0030
240 minute summer	FC31	33.000	J28	0.5	0.309	0.055	0.0094
240 minute summer	FC32	34.000	J29	0.5	0.265	0.039	0.0103
240 minute summer	FC33	35.000	S12	0.6	0.883	0.043	0.0029
240 minute summer	FC34	36.000	J30	0.6	0.492	0.099	0.0059

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC35	136	186.831	0.381	0.8	0.5071	0.0000	SURCHARGED
240 minute summer	FC36	136	186.867	0.417	0.9	0.5628	0.0000	SURCHARGED
240 minute summer	FC37	136	186.357	0.557	1.1	0.7745	0.0000	SURCHARGED
240 minute summer	FC38	148	185.537	0.087	0.7	1.0426	0.0000	OK
240 minute summer	FC39	136	185.707	0.257	0.7	0.3317	0.0000	SURCHARGED
240 minute summer	FC40	136	185.880	0.380	0.8	0.5057	0.0000	SURCHARGED
240 minute summer	FC41	136	185.233	0.383	0.8	0.5095	0.0000	SURCHARGED
240 minute summer	FC42	136	184.984	0.384	0.8	0.5112	0.0000	SURCHARGED
240 minute summer	FC43	136	184.983	0.383	0.8	0.5093	0.0000	SURCHARGED
240 minute summer	FC44	124	184.617	0.017	0.7	0.0225	0.0000	OK
240 minute summer	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	FC46	136	185.320	0.620	1.2	0.8833	0.0000	SURCHARGED
240 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute summer	FC48	136	185.181	0.381	0.8	0.5071	0.0000	SURCHARGED
240 minute summer	FC49	136	185.187	0.387	0.8	0.5154	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC35	37.000	J31	0.6	0.890	0.043	0.0036
240 minute summer	FC36	38.000	J32	0.6	0.961	0.041	0.0039
240 minute summer	FC37	39.000	J33	0.7	0.674	0.083	0.0072
240 minute summer	FC38	40.000	J34	0.3	0.643	0.022	0.0020
240 minute summer	FC39	41.000	J35	0.5	0.845	0.034	0.0026
240 minute summer	FC40	42.000	J36	0.6	1.095	0.032	0.0028
240 minute summer	FC41	43.000	J37	0.6	0.716	0.058	0.0043
240 minute summer	FC42	44.000	J38	0.6	0.623	0.071	0.0048
240 minute summer	FC43	45.000	J39	0.6	0.729	0.057	0.0036
240 minute summer	FC44	46.000	J40	0.7	0.776	0.062	0.0039
240 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
240 minute summer	FC46	48.000	S20	0.8	0.465	0.131	0.0105
240 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0053
240 minute summer	FC48	50.000	J42	0.6	0.476	0.044	0.0083
240 minute summer	FC49	51.000	S21	0.6	0.477	0.103	0.0056

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC50	136	185.187	0.387	0.8	0.5154	0.0000	SURCHARGED
240 minute summer	FC51	136	185.237	0.387	0.8	0.5152	0.0000	SURCHARGED
240 minute summer	FC52	136	185.726	0.476	1.0	0.6523	0.0000	SURCHARGED
240 minute summer	FC53	136	185.634	0.384	0.8	0.5106	0.0000	SURCHARGED
240 minute summer	FC54	136	185.508	0.258	0.7	0.3336	0.0000	SURCHARGED
240 minute summer	FC55	136	185.507	0.257	0.7	0.3316	0.0000	SURCHARGED
240 minute summer	FC56	136	185.731	0.381	0.8	0.5067	0.0000	SURCHARGED
240 minute summer	FC57	136	185.731	0.381	0.8	0.5072	0.0000	SURCHARGED
240 minute summer	FC58	136	185.607	0.257	0.7	0.3321	0.0000	SURCHARGED
240 minute summer	FC59	136	185.608	0.258	0.7	0.3327	0.0000	SURCHARGED
240 minute summer	FC60	136	185.732	0.382	0.8	0.5084	0.0000	SURCHARGED
240 minute summer	FC61	136	185.684	0.384	0.8	0.5111	0.0000	SURCHARGED
240 minute summer	FC62	140	185.873	0.623	1.3	0.9720	0.0000	SURCHARGED
240 minute summer	FC63	136	185.663	0.263	0.7	0.3395	0.0000	SURCHARGED
240 minute summer	FC64	136	185.387	0.387	0.8	0.5149	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC50	52.000	J43	0.6	0.477	0.103	0.0060
240 minute summer	FC51	55.000	S22	0.6	0.480	0.103	0.0078
240 minute summer	FC52	58.000	S23	0.7	0.719	0.068	0.0052
240 minute summer	FC53	61.000	J50	0.6	0.654	0.066	0.0040
240 minute summer	FC54	62.000	J51	0.5	0.685	0.046	0.0029
240 minute summer	FC55	64.000	J53	0.5	0.864	0.033	0.0024
240 minute summer	FC56	53.000	J44	0.6	0.946	0.040	0.0043
240 minute summer	FC57	54.000	J45	0.6	0.888	0.043	0.0045
240 minute summer	FC58	56.000	J46	0.5	0.804	0.037	0.0038
240 minute summer	FC59	57.000	J47	0.5	0.745	0.041	0.0043
240 minute summer	FC60	59.000	J48	0.6	0.783	0.052	0.0052
240 minute summer	FC61	60.000	J49	0.6	0.628	0.071	0.0072
240 minute summer	FC62	63.000	J52	0.8	0.621	0.102	0.0118
240 minute summer	FC63	65.000	S26	0.5	0.444	0.084	0.0028
240 minute summer	FC64	66.000	J54	0.6	0.336	0.103	0.0042

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC65	136	185.530	0.380	0.8	0.5057	0.0000	SURCHARGED
240 minute summer	FC66	136	185.386	0.386	0.8	0.5137	0.0000	SURCHARGED
240 minute summer	FC67	148	184.896	0.096	0.7	0.9925	0.0000	OK
240 minute summer	FC68	136	184.810	0.260	0.7	0.3353	0.0000	SURCHARGED
240 minute summer	J1	128	188.238	0.038	2.4	0.0517	0.0000	OK
240 minute summer	J2	128	188.164	0.058	3.0	0.0652	0.0000	OK
240 minute summer	J3	128	188.101	0.055	3.7	0.0619	0.0000	OK
240 minute summer	J4	128	188.074	0.039	4.2	0.0445	0.0000	OK
240 minute summer	J5	128	187.946	0.036	4.8	0.0406	0.0000	OK
240 minute summer	J6	128	187.705	0.055	5.3	0.0617	0.0000	OK
240 minute summer	J7	128	187.668	0.068	5.7	0.0768	0.0000	OK
240 minute summer	J8	128	187.642	0.049	6.3	0.0556	0.0000	OK
240 minute summer	J9	128	187.343	0.068	6.8	0.0771	0.0000	OK
240 minute summer	J10	132	187.310	0.040	7.5	0.0451	0.0000	OK
240 minute summer	J11	132	187.179	0.058	8.1	0.0659	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC65	67.000	J55	0.6	0.486	0.033	0.0040
240 minute summer	FC66	68.000	S24	0.6	0.535	0.085	0.0024
240 minute summer	FC67	69.000	J56	0.3	0.378	0.049	0.0016
240 minute summer	FC68	70.000	J57	0.5	0.593	0.055	0.0019
240 minute summer	J1	1.001	J2	2.4	0.642	0.286	0.0186
240 minute summer	J2	1.002	J3	2.9	0.688	0.498	0.0044
240 minute summer	J3	1.003	J4	3.7	0.789	0.280	0.0092
240 minute summer	J4	1.004	J5	4.2	1.219	0.125	0.0122
240 minute summer	J5	1.005	J6	4.8	1.070	0.125	0.0256
240 minute summer	J6	1.006	J7	5.3	0.778	0.185	0.0133
240 minute summer	J7	1.007	J8	5.7	0.901	0.411	0.0072
240 minute summer	J8	1.008	J9	6.3	1.304	0.208	0.0408
240 minute summer	J9	1.009	J10	6.8	0.927	0.203	0.0089
240 minute summer	J10	1.010	J11	7.5	1.185	0.058	0.0157
240 minute summer	J11	1.011	S2	8.1	0.676	0.126	0.0648

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J12	128	186.873	0.064	10.7	0.0725	0.0000	OK
240 minute summer	J13	132	186.817	0.115	11.0	0.1296	0.0000	OK
240 minute summer	J14	132	186.804	0.109	11.5	0.1228	0.0000	OK
240 minute summer	J15	132	186.785	0.097	12.0	0.1102	0.0000	OK
240 minute summer	J16	132	186.750	0.080	12.5	0.0906	0.0000	OK
240 minute summer	J17	132	186.412	0.054	13.0	0.0616	0.0000	OK
240 minute summer	J18	132	186.262	0.068	15.1	0.0768	0.0000	OK
240 minute summer	J19	132	186.139	0.112	15.7	0.1262	0.0000	OK
240 minute summer	J20	140	185.956	0.025	0.8	0.0287	0.0000	OK
240 minute summer	J21	136	185.928	0.033	1.4	0.0374	0.0000	OK
240 minute summer	J22	136	185.862	0.044	2.0	0.0496	0.0000	OK
240 minute summer	J23	272	185.837	0.054	2.3	0.0606	0.0000	OK
240 minute summer	J24	268	185.837	0.187	4.2	0.2110	0.0000	SURCHARGED
240 minute summer	J25	268	185.837	0.222	4.8	0.2509	0.0000	SURCHARGED
240 minute summer	J26	268	185.837	0.250	5.4	0.2828	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J12	1.013	J13	10.7	0.731	0.160	0.0955
240 minute summer	J13	1.014	J14	11.0	0.560	0.350	0.0372
240 minute summer	J14	1.015	J15	11.5	0.649	0.368	0.0339
240 minute summer	J15	1.016	J16	12.0	0.825	0.392	0.0746
240 minute summer	J16	1.017	J17	12.5	1.089	0.208	0.0386
240 minute summer	J17	1.018	S3	13.0	1.063	0.089	0.0234
240 minute summer	J18	1.020	J19	15.1	1.794	0.116	0.0126
240 minute summer	J19	1.021	S4	15.7	0.733	0.285	0.0945
240 minute summer	J20	23.002	J21	0.8	0.413	0.133	0.0072
240 minute summer	J21	23.003	J22	1.4	0.502	0.235	0.0223
240 minute summer	J22	23.004	J23	2.0	0.595	0.336	0.0121
240 minute summer	J23	23.005	S18	2.3	0.687	0.387	0.0454
240 minute summer	J24	23.007	J25	4.2	0.558	0.317	0.1088
240 minute summer	J25	23.008	J26	4.8	0.578	0.361	0.0874
240 minute summer	J26	23.009	S19	5.4	0.676	0.406	0.0652

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J27	272	185.846	0.385	7.6	0.4354	0.0000	SURCHARGED
240 minute summer	J28	124	186.404	0.047	2.5	0.0537	0.0000	OK
240 minute summer	J29	128	186.325	0.054	3.0	0.0614	0.0000	OK
240 minute summer	J30	128	186.211	0.064	4.2	0.0722	0.0000	OK
240 minute summer	J31	128	186.184	0.065	4.7	0.0738	0.0000	OK
240 minute summer	J32	128	186.131	0.067	5.3	0.0763	0.0000	OK
240 minute summer	J33	128	185.656	0.046	7.3	0.0523	0.0000	OK
240 minute summer	J34	128	185.203	0.078	9.4	0.0881	0.0000	OK
240 minute summer	J35	128	185.126	0.051	9.8	0.0578	0.0000	OK
240 minute summer	J36	128	184.961	0.086	10.4	0.0973	0.0000	OK
240 minute summer	J37	128	184.667	0.092	12.3	0.1038	0.0000	OK
240 minute summer	J38	128	184.489	0.114	13.4	0.1293	0.0000	OK
240 minute summer	J39	128	184.451	0.113	14.0	0.1275	0.0000	OK
240 minute summer	J40	128	184.422	0.097	14.6	0.1095	0.0000	OK
240 minute summer	J41	128	184.627	0.030	1.1	0.0343	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J27	23.011	S4	7.6	0.640	0.254	0.0951
240 minute summer	J28	32.001	J29	2.5	0.634	0.426	0.0352
240 minute summer	J29	32.002	S12	3.0	0.724	0.504	0.0192
240 minute summer	J30	32.004	J31	4.1	0.572	0.313	0.0361
240 minute summer	J31	32.005	J32	4.7	0.628	0.355	0.0732
240 minute summer	J32	32.006	S13	5.3	0.858	0.400	0.0332
240 minute summer	J33	32.008	S14	7.3	0.990	0.206	0.0681
240 minute summer	J34	32.010	J35	9.4	0.998	0.243	0.0854
240 minute summer	J35	32.011	J36	9.8	0.965	0.111	0.0711
240 minute summer	J36	32.012	S15	10.9	1.041	0.365	0.0252
240 minute summer	J37	32.014	S16	12.2	1.133	0.401	0.0567
240 minute summer	J38	32.016	J39	13.4	0.667	0.443	0.2170
240 minute summer	J39	32.017	J40	14.0	0.771	0.453	0.0662
240 minute summer	J40	32.018	S10	14.6	0.940	0.338	0.1483
240 minute summer	J41	48.002	J42	1.1	0.486	0.189	0.0144

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J42	136	184.574	0.037	1.7	0.0418	0.0000	OK
240 minute summer	J43	132	184.419	0.059	3.2	0.0663	0.0000	OK
240 minute summer	J44	132	184.406	0.056	3.8	0.0634	0.0000	OK
240 minute summer	J45	132	184.378	0.077	4.4	0.0877	0.0000	OK
240 minute summer	J46	132	184.354	0.082	6.0	0.0928	0.0000	OK
240 minute summer	J47	132	184.331	0.083	6.5	0.0938	0.0000	OK
240 minute summer	J48	136	184.250	0.096	8.1	0.1086	0.0000	OK
240 minute summer	J49	136	184.239	0.110	8.7	0.1239	0.0000	OK
240 minute summer	J50	136	184.231	0.106	9.3	0.1195	0.0000	OK
240 minute summer	J51	136	184.218	0.110	9.8	0.1249	0.0000	OK
240 minute summer	J52	136	184.208	0.104	10.6	0.1172	0.0000	OK
240 minute summer	J53	136	184.186	0.098	11.1	0.1114	0.0000	OK
240 minute summer	J54	132	185.015	0.036	1.4	0.0404	0.0000	OK
240 minute summer	J55	132	184.986	0.042	2.0	0.0473	0.0000	OK
240 minute summer	J56	132	184.092	0.125	16.1	0.1411	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J42	48.003	S21	1.7	0.529	0.287	0.0265
240 minute summer	J43	48.005	J44	3.2	0.518	0.229	0.0099
240 minute summer	J44	48.006	J45	3.8	0.502	0.285	0.0666
240 minute summer	J45	48.007	S22	4.4	0.464	0.325	0.0228
240 minute summer	J46	48.009	J47	6.0	0.606	0.450	0.0418
240 minute summer	J47	48.010	S23	6.5	0.701	0.488	0.0245
240 minute summer	J48	48.012	J49	8.1	0.460	0.270	0.1316
240 minute summer	J49	48.013	J50	8.7	0.465	0.284	0.0213
240 minute summer	J50	48.014	J51	9.3	0.494	0.311	0.0955
240 minute summer	J51	48.015	J52	9.8	0.527	0.320	0.0211
240 minute summer	J52	48.016	J53	10.6	0.613	0.347	0.0842
240 minute summer	J53	48.017	S24	11.1	0.724	0.368	0.1573
240 minute summer	J54	65.002	J55	1.4	0.498	0.236	0.0102
240 minute summer	J55	65.003	S24	2.0	0.663	0.339	0.0237
240 minute summer	J56	48.019	J57	16.1	0.586	0.297	0.2498

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Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J57	132	184.068	0.123	16.6	0.1395	0.0000	OK
240 minute summer	BASIN 1	256	185.828	0.828	23.6	106.1421	0.0000	SURCHARGED
240 minute summer	BASIN 2	480	184.558	0.258	1.3	23.9555	0.0000	OK
240 minute summer	BASIN 3	276	183.206	0.106	17.3	73.8011	0.0000	OK
240 minute summer	BASIN 4	280	183.908	0.578	16.6	80.6551	0.0000	SURCHARGED
240 minute summer	SWALE 1	256	184.964	0.032	1.3	0.0360	0.0000	OK
240 minute summer	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWALE 3	128	184.171	0.101	16.5	0.1143	0.0000	OK
240 minute summer	BH1	480	184.558	0.481	0.8	2.1975	0.0000	OK
240 minute summer	BH2	272	183.206	0.154	2.7	2.3718	0.0000	OK
240 minute summer	BH3	280	183.908	0.602	1.9	4.4153	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J57	48.020	S25	16.6	0.639	0.308	0.2059
240 minute summer	BASIN 1	1.023	S5	1.3	0.204	0.024	0.6013
240 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
240 minute summer	BASIN 2	71.000	BH1	0.8	0.426	0.132	0.1829
240 minute summer	BASIN 3	1.034	BH2	2.7	0.322	0.032	0.9199
240 minute summer	BASIN 4	48.022	BH3	1.9	0.473	0.036	0.7181
240 minute summer	SWALE 1	1.025	S6	1.3	0.317	0.024	0.1519
240 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
240 minute summer	SWALE 3	1.033	BASIN 3	16.4	0.811	0.237	0.8760
240 minute summer	BH1	Infiltration		0.1			
240 minute summer	BH2	Infiltration		0.2			
240 minute summer	BH3	Infiltration		0.2			

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S1	124	188.389	0.019	0.7	0.0259	0.0000	OK
240 minute winter	S2	132	187.129	0.090	9.1	0.1330	0.0000	OK
240 minute winter	S3	132	186.308	0.096	13.0	0.1249	0.0000	OK
240 minute winter	S4	252	185.907	0.529	21.2	0.6287	0.0000	SURCHARGED
240 minute winter	S5	252	185.908	0.928	1.3	1.0493	0.0000	SURCHARGED
240 minute winter	S6	252	184.877	0.033	1.3	0.0375	0.0000	OK
240 minute winter	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
240 minute winter	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
240 minute winter	S9	128	184.247	0.047	0.1	0.0531	0.0000	OK
240 minute winter	S10	128	184.247	0.063	13.8	0.0960	0.0000	OK
240 minute winter	S11	124	186.438	0.038	1.6	0.0616	0.0000	OK
240 minute winter	S12	128	186.228	0.052	2.9	0.0589	0.0000	OK
240 minute winter	S13	136	186.078	0.044	5.6	0.0623	0.0000	OK
240 minute winter	S14	132	185.327	0.077	7.6	0.1202	0.0000	OK
240 minute winter	S15	132	184.916	0.049	10.1	0.0686	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	S1	1.000	J1	0.7	0.431	0.080	0.0138
240 minute winter	S2	1.012	J12	9.1	0.672	0.304	0.0202
240 minute winter	S3	1.019	J18	13.0	1.033	0.425	0.0650
240 minute winter	S4	1.022	BASIN 1	20.7	1.458	0.124	1.1778
240 minute winter	S5	1.024	SWALE 1	1.3	0.323	0.025	0.0840
240 minute winter	S6	1.026	BASIN 2	1.3	0.364	0.025	0.0210
240 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
240 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0421
240 minute winter	S9	1.031	S10	-0.1	-0.049	-0.001	0.0592
240 minute winter	S10	1.032	SWALE 3	13.8	0.959	0.076	0.0631
240 minute winter	S11	32.000	J28	1.6	0.552	0.267	0.0131
240 minute winter	S12	32.003	J30	2.9	0.507	0.220	0.0296
240 minute winter	S13	32.007	J33	5.6	1.336	0.174	0.0546
240 minute winter	S14	32.009	J34	7.6	0.897	0.440	0.0446
240 minute winter	S15	32.013	J37	9.7	0.994	0.106	0.0930

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S16	132	184.602	0.045	10.8	0.0570	0.0000	OK
240 minute winter	S17	152	186.016	0.015	0.3	0.0175	0.0000	OK
240 minute winter	S18	272	185.919	0.258	3.4	0.3649	0.0000	SURCHARGED
240 minute winter	S19	268	185.916	0.425	6.2	0.5820	0.0000	SURCHARGED
240 minute winter	S20	140	184.671	0.029	1.0	0.0357	0.0000	OK
240 minute winter	S21	140	184.505	0.046	2.3	0.0548	0.0000	OK
240 minute winter	S22	136	184.363	0.077	5.0	0.0943	0.0000	OK
240 minute winter	S23	140	184.251	0.093	6.8	0.1102	0.0000	OK
240 minute winter	S24	140	184.099	0.122	14.1	0.1764	0.0000	OK
240 minute winter	S25	140	184.034	0.108	14.9	0.1224	0.0000	OK
240 minute winter	S26	140	185.396	0.019	0.7	0.0230	0.0000	OK
240 minute winter	FC1	140	188.560	0.310	0.6	0.4130	0.0000	SURCHARGED
240 minute winter	FC2	140	188.461	0.311	0.6	0.4134	0.0000	SURCHARGED
240 minute winter	FC3	144	188.822	0.622	1.0	0.9579	0.0000	SURCHARGED
240 minute winter	FC4	136	188.427	0.227	0.5	0.2933	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	S16	32.015	J38	10.8	0.948	0.073	0.0270
240 minute winter	S17	23.001	J20	0.3	0.324	0.052	0.0081
240 minute winter	S18	23.006	J24	3.4	0.506	0.245	0.0323
240 minute winter	S19	23.010	J27	6.2	0.530	0.207	0.3541
240 minute winter	S20	48.001	J41	1.0	0.542	0.171	0.0087
240 minute winter	S21	48.004	J43	2.3	0.681	0.390	0.0173
240 minute winter	S22	48.008	J46	4.9	0.545	0.369	0.0221
240 minute winter	S23	48.011	J48	6.8	0.449	0.220	0.0170
240 minute winter	S24	48.018	J56	14.1	0.541	0.264	0.1106
240 minute winter	S25	48.021	BASIN 4	14.9	0.721	0.269	0.0659
240 minute winter	S26	65.001	J54	0.7	0.649	0.076	0.0087
240 minute winter	FC1	2.000	J1	0.5	0.366	0.088	0.0081
240 minute winter	FC2	3.000	J2	0.5	0.236	0.092	0.0118
240 minute winter	FC3	4.000	J3	0.8	0.545	0.123	0.0134
240 minute winter	FC4	5.000	J4	0.5	0.528	0.061	0.0064

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC5	140	188.311	0.311	0.6	0.4143	0.0000	SURCHARGED
240 minute winter	FC6	136	188.076	0.226	0.5	0.2920	0.0000	SURCHARGED
240 minute winter	FC7	136	187.978	0.228	0.5	0.2939	0.0000	SURCHARGED
240 minute winter	FC8	140	188.057	0.307	0.6	0.4088	0.0000	SURCHARGED
240 minute winter	FC9	136	187.699	0.229	0.5	0.2958	0.0000	SURCHARGED
240 minute winter	FC10	140	187.998	0.528	0.9	0.7446	0.0000	SURCHARGED
240 minute winter	FC11	132	187.586	0.266	0.6	0.3488	0.0000	SURCHARGED
240 minute winter	FC12	132	187.496	0.266	0.6	0.3488	0.0000	SURCHARGED
240 minute winter	FC13	140	187.311	0.311	0.6	0.4140	0.0000	SURCHARGED
240 minute winter	FC14	160	187.018	0.118	0.6	1.5038	0.0000	SURCHARGED
240 minute winter	FC15	136	187.423	0.223	0.5	0.2874	0.0000	SURCHARGED
240 minute winter	FC16	136	187.128	0.228	0.5	0.2949	0.0000	SURCHARGED
240 minute winter	FC17	136	187.224	0.224	0.5	0.2892	0.0000	SURCHARGED
240 minute winter	FC18	136	186.779	0.229	0.5	0.2959	0.0000	SURCHARGED
240 minute winter	FC19	140	186.711	0.311	0.6	0.4141	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC5	6.000	J5	0.5	0.462	0.092	0.0049
240 minute winter	FC6	7.000	J6	0.5	0.581	0.053	0.0058
240 minute winter	FC7	8.000	J7	0.5	0.504	0.065	0.0067
240 minute winter	FC8	9.000	J8	0.5	0.654	0.056	0.0035
240 minute winter	FC9	10.000	J9	0.5	0.445	0.078	0.0075
240 minute winter	FC10	11.000	J10	0.7	0.544	0.108	0.0082
240 minute winter	FC11	12.000	J11	0.5	0.454	0.085	0.0085
240 minute winter	FC12	13.000	S2	0.5	0.454	0.085	0.0076
240 minute winter	FC13	14.000	J12	0.5	0.466	0.092	0.0080
240 minute winter	FC14	15.000	J13	0.3	0.401	0.054	0.0061
240 minute winter	FC15	16.000	J14	0.5	0.941	0.027	0.0023
240 minute winter	FC16	17.000	J15	0.5	0.473	0.071	0.0074
240 minute winter	FC17	18.000	J16	0.5	0.749	0.037	0.0030
240 minute winter	FC18	19.000	J17	0.5	0.443	0.078	0.0073
240 minute winter	FC19	20.000	S3	0.5	0.464	0.092	0.0078

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC20	140	187.254	0.304	0.6	0.4047	0.0000	SURCHARGED
240 minute winter	FC21	140	186.611	0.311	0.6	0.4140	0.0000	SURCHARGED
240 minute winter	FC22	152	186.554	0.104	0.5	1.0066	0.0000	SURCHARGED
240 minute winter	FC23	136	186.529	0.229	0.5	0.2953	0.0000	SURCHARGED
240 minute winter	FC24	140	186.609	0.309	0.6	0.4115	0.0000	SURCHARGED
240 minute winter	FC25	140	186.854	0.304	0.6	0.4048	0.0000	SURCHARGED
240 minute winter	FC26	152	186.552	0.101	0.5	1.0258	0.0000	SURCHARGED
240 minute winter	FC27	136	186.723	0.223	0.5	0.2873	0.0000	SURCHARGED
240 minute winter	FC28	140	186.804	0.304	0.6	0.4047	0.0000	SURCHARGED
240 minute winter	FC29	136	186.868	0.368	0.7	0.4970	0.0000	SURCHARGED
240 minute winter	FC30	140	187.055	0.305	0.6	0.4054	0.0000	SURCHARGED
240 minute winter	FC31	136	186.676	0.226	0.5	0.2914	0.0000	SURCHARGED
240 minute winter	FC32	136	186.674	0.224	0.5	0.2889	0.0000	SURCHARGED
240 minute winter	FC33	140	186.755	0.305	0.6	0.4056	0.0000	SURCHARGED
240 minute winter	FC34	140	186.761	0.311	0.6	0.4137	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC20	21.000	J18	0.5	0.933	0.034	0.0025
240 minute winter	FC21	22.000	J19	0.5	0.465	0.092	0.0090
240 minute winter	FC22	23.000	S17	0.3	0.563	0.016	0.0027
240 minute winter	FC23	24.000	J20	0.5	0.461	0.073	0.0046
240 minute winter	FC24	25.000	J21	0.5	0.542	0.073	0.0047
240 minute winter	FC25	26.000	J22	0.5	0.926	0.034	0.0028
240 minute winter	FC26	27.000	J23	0.3	0.688	0.023	0.0020
240 minute winter	FC27	28.000	J24	0.5	0.971	0.025	0.0021
240 minute winter	FC28	29.000	J25	0.5	0.931	0.034	0.0026
240 minute winter	FC29	30.000	J26	0.6	0.932	0.039	0.0030
240 minute winter	FC30	31.000	J27	0.5	0.869	0.038	0.0028
240 minute winter	FC31	33.000	J28	0.5	0.288	0.051	0.0080
240 minute winter	FC32	34.000	J29	0.5	0.251	0.037	0.0089
240 minute winter	FC33	35.000	S12	0.5	0.854	0.038	0.0026
240 minute winter	FC34	36.000	J30	0.5	0.477	0.088	0.0055

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC35	140	186.755	0.305	0.6	0.4055	0.0000	SURCHARGED
240 minute winter	FC36	136	186.818	0.368	0.7	0.4968	0.0000	SURCHARGED
240 minute winter	FC37	140	186.264	0.464	0.8	0.6452	0.0000	SURCHARGED
240 minute winter	FC38	160	185.543	0.093	0.5	1.1154	0.0000	OK
240 minute winter	FC39	136	185.673	0.223	0.5	0.2883	0.0000	SURCHARGED
240 minute winter	FC40	140	185.803	0.303	0.6	0.4037	0.0000	SURCHARGED
240 minute winter	FC41	140	185.157	0.307	0.6	0.4080	0.0000	SURCHARGED
240 minute winter	FC42	140	184.908	0.308	0.6	0.4099	0.0000	SURCHARGED
240 minute winter	FC43	140	184.906	0.306	0.6	0.4078	0.0000	SURCHARGED
240 minute winter	FC44	120	184.615	0.015	0.5	0.0191	0.0000	OK
240 minute winter	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
240 minute winter	FC46	140	185.228	0.528	0.9	0.7456	0.0000	SURCHARGED
240 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute winter	FC48	140	185.105	0.305	0.6	0.4053	0.0000	SURCHARGED
240 minute winter	FC49	140	185.111	0.311	0.6	0.4143	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC35	37.000	J31	0.5	0.860	0.038	0.0033
240 minute winter	FC36	38.000	J32	0.6	0.950	0.038	0.0032
240 minute winter	FC37	39.000	J33	0.7	0.656	0.076	0.0067
240 minute winter	FC38	40.000	J34	0.3	0.651	0.023	0.0021
240 minute winter	FC39	41.000	J35	0.5	0.826	0.032	0.0025
240 minute winter	FC40	42.000	J36	0.5	1.058	0.028	0.0026
240 minute winter	FC41	43.000	J37	0.5	0.693	0.052	0.0040
240 minute winter	FC42	44.000	J38	0.5	0.603	0.063	0.0045
240 minute winter	FC43	45.000	J39	0.5	0.706	0.050	0.0033
240 minute winter	FC44	46.000	J40	0.5	0.708	0.044	0.0031
240 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
240 minute winter	FC46	48.000	S20	0.7	0.449	0.121	0.0100
240 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0049
240 minute winter	FC48	50.000	J42	0.5	0.477	0.039	0.0078
240 minute winter	FC49	51.000	S21	0.5	0.462	0.092	0.0051

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC50	140	185.111	0.311	0.6	0.4142	0.0000	SURCHARGED
240 minute winter	FC51	140	185.161	0.311	0.6	0.4141	0.0000	SURCHARGED
240 minute winter	FC52	140	185.645	0.395	0.7	0.5412	0.0000	SURCHARGED
240 minute winter	FC53	140	185.558	0.307	0.6	0.4092	0.0000	SURCHARGED
240 minute winter	FC54	136	185.475	0.225	0.5	0.2904	0.0000	SURCHARGED
240 minute winter	FC55	136	185.473	0.223	0.5	0.2881	0.0000	SURCHARGED
240 minute winter	FC56	140	185.654	0.304	0.6	0.4049	0.0000	SURCHARGED
240 minute winter	FC57	140	185.655	0.305	0.6	0.4055	0.0000	SURCHARGED
240 minute winter	FC58	136	185.574	0.224	0.5	0.2887	0.0000	SURCHARGED
240 minute winter	FC59	136	185.574	0.224	0.5	0.2894	0.0000	SURCHARGED
240 minute winter	FC60	140	185.656	0.306	0.6	0.4069	0.0000	SURCHARGED
240 minute winter	FC61	140	185.608	0.308	0.6	0.4097	0.0000	SURCHARGED
240 minute winter	FC62	144	185.817	0.567	0.9	0.8111	0.0000	SURCHARGED
240 minute winter	FC63	136	185.630	0.230	0.5	0.2965	0.0000	SURCHARGED
240 minute winter	FC64	140	185.311	0.311	0.6	0.4137	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC50	52.000	J43	0.5	0.462	0.092	0.0055
240 minute winter	FC51	55.000	S22	0.5	0.464	0.092	0.0072
240 minute winter	FC52	58.000	S23	0.6	0.699	0.062	0.0048
240 minute winter	FC53	61.000	J50	0.5	0.633	0.059	0.0037
240 minute winter	FC54	62.000	J51	0.5	0.671	0.043	0.0027
240 minute winter	FC55	64.000	J53	0.5	0.845	0.031	0.0023
240 minute winter	FC56	53.000	J44	0.5	0.915	0.035	0.0039
240 minute winter	FC57	54.000	J45	0.5	0.859	0.039	0.0041
240 minute winter	FC58	56.000	J46	0.5	0.787	0.035	0.0037
240 minute winter	FC59	57.000	J47	0.5	0.730	0.039	0.0041
240 minute winter	FC60	59.000	J48	0.5	0.757	0.046	0.0048
240 minute winter	FC61	60.000	J49	0.5	0.607	0.063	0.0066
240 minute winter	FC62	63.000	J52	0.7	0.613	0.098	0.0114
240 minute winter	FC63	65.000	S26	0.5	0.433	0.078	0.0026
240 minute winter	FC64	66.000	J54	0.5	0.327	0.092	0.0038

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC65	140	185.453	0.303	0.6	0.4036	0.0000	SURCHARGED
240 minute winter	FC66	140	185.310	0.310	0.6	0.4125	0.0000	SURCHARGED
240 minute winter	FC67	160	184.902	0.102	0.5	1.0563	0.0000	SURCHARGED
240 minute winter	FC68	136	184.776	0.226	0.5	0.2922	0.0000	SURCHARGED
240 minute winter	J1	132	188.234	0.034	1.9	0.0455	0.0000	OK
240 minute winter	J2	132	188.158	0.052	2.5	0.0585	0.0000	OK
240 minute winter	J3	132	188.097	0.051	3.2	0.0576	0.0000	OK
240 minute winter	J4	132	188.072	0.037	3.7	0.0414	0.0000	OK
240 minute winter	J5	132	187.944	0.034	4.2	0.0381	0.0000	OK
240 minute winter	J6	132	187.701	0.051	4.7	0.0572	0.0000	OK
240 minute winter	J7	132	187.664	0.064	5.1	0.0722	0.0000	OK
240 minute winter	J8	132	187.639	0.046	5.6	0.0524	0.0000	OK
240 minute winter	J9	132	187.340	0.065	6.1	0.0730	0.0000	OK
240 minute winter	J10	136	187.308	0.038	6.8	0.0426	0.0000	OK
240 minute winter	J11	136	187.176	0.055	7.3	0.0622	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC65	67.000	J55	0.5	0.486	0.029	0.0037
240 minute winter	FC66	68.000	S24	0.5	0.519	0.076	0.0022
240 minute winter	FC67	69.000	J56	0.3	0.381	0.050	0.0016
240 minute winter	FC68	70.000	J57	0.5	0.582	0.051	0.0018
240 minute winter	J1	1.001	J2	1.9	0.607	0.233	0.0161
240 minute winter	J2	1.002	J3	2.5	0.658	0.416	0.0039
240 minute winter	J3	1.003	J4	3.2	0.758	0.243	0.0084
240 minute winter	J4	1.004	J5	3.7	1.177	0.110	0.0111
240 minute winter	J5	1.005	J6	4.2	1.042	0.110	0.0232
240 minute winter	J6	1.006	J7	4.7	0.757	0.164	0.0122
240 minute winter	J7	1.007	J8	5.1	0.873	0.367	0.0066
240 minute winter	J8	1.008	J9	5.6	1.268	0.187	0.0377
240 minute winter	J9	1.009	J10	6.1	0.903	0.183	0.0083
240 minute winter	J10	1.010	J11	6.8	1.161	0.053	0.0145
240 minute winter	J11	1.011	S2	7.3	0.662	0.113	0.0600

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J12	132	186.869	0.060	9.6	0.0679	0.0000	OK
240 minute winter	J13	132	186.810	0.108	9.9	0.1218	0.0000	OK
240 minute winter	J14	136	186.797	0.102	10.3	0.1158	0.0000	OK
240 minute winter	J15	136	186.780	0.092	10.8	0.1041	0.0000	OK
240 minute winter	J16	136	186.746	0.076	11.3	0.0854	0.0000	OK
240 minute winter	J17	136	186.409	0.051	11.7	0.0574	0.0000	OK
240 minute winter	J18	136	186.258	0.063	13.5	0.0718	0.0000	OK
240 minute winter	J19	136	186.132	0.105	14.1	0.1190	0.0000	OK
240 minute winter	J20	140	185.956	0.025	0.8	0.0283	0.0000	OK
240 minute winter	J21	140	185.927	0.032	1.3	0.0362	0.0000	OK
240 minute winter	J22	264	185.919	0.101	1.8	0.1145	0.0000	SURCHARGED
240 minute winter	J23	264	185.919	0.136	2.1	0.1540	0.0000	SURCHARGED
240 minute winter	J24	272	185.919	0.269	3.8	0.3044	0.0000	SURCHARGED
240 minute winter	J25	268	185.918	0.303	4.3	0.3431	0.0000	SURCHARGED
240 minute winter	J26	268	185.920	0.333	4.9	0.3766	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J12	1.013	J13	9.6	0.713	0.143	0.0881
240 minute winter	J13	1.014	J14	9.9	0.545	0.315	0.0344
240 minute winter	J14	1.015	J15	10.3	0.631	0.331	0.0314
240 minute winter	J15	1.016	J16	10.8	0.803	0.353	0.0691
240 minute winter	J16	1.017	J17	11.3	1.061	0.187	0.0357
240 minute winter	J17	1.018	S3	11.7	1.046	0.081	0.0215
240 minute winter	J18	1.020	J19	13.5	1.752	0.104	0.0116
240 minute winter	J19	1.021	S4	14.1	0.711	0.255	0.0872
240 minute winter	J20	23.002	J21	0.8	0.413	0.129	0.0070
240 minute winter	J21	23.003	J22	1.3	0.497	0.220	0.0372
240 minute winter	J22	23.004	J23	1.8	0.581	0.310	0.0281
240 minute winter	J23	23.005	S18	2.1	0.675	0.362	0.0587
240 minute winter	J24	23.007	J25	3.8	0.545	0.286	0.1088
240 minute winter	J25	23.008	J26	4.3	0.564	0.326	0.0874
240 minute winter	J26	23.009	S19	4.9	0.661	0.370	0.0652

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J27	272	185.932	0.470	6.7	0.5321	0.0000	SURCHARGED
240 minute winter	J28	124	186.397	0.041	2.0	0.0468	0.0000	OK
240 minute winter	J29	124	186.319	0.048	2.4	0.0540	0.0000	OK
240 minute winter	J30	132	186.204	0.057	3.5	0.0649	0.0000	OK
240 minute winter	J31	136	186.178	0.059	4.0	0.0670	0.0000	OK
240 minute winter	J32	136	186.126	0.062	4.6	0.0704	0.0000	OK
240 minute winter	J33	136	185.653	0.043	6.3	0.0483	0.0000	OK
240 minute winter	J34	132	185.196	0.071	7.9	0.0807	0.0000	OK
240 minute winter	J35	132	185.121	0.046	8.3	0.0525	0.0000	OK
240 minute winter	J36	132	184.954	0.079	8.9	0.0898	0.0000	OK
240 minute winter	J37	132	184.659	0.084	10.3	0.0952	0.0000	OK
240 minute winter	J38	132	184.478	0.103	11.3	0.1167	0.0000	OK
240 minute winter	J39	132	184.440	0.102	11.8	0.1157	0.0000	OK
240 minute winter	J40	136	184.413	0.088	12.3	0.0996	0.0000	OK
240 minute winter	J41	140	184.626	0.029	1.0	0.0324	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J27	23.011	S4	6.7	0.620	0.226	0.0951
240 minute winter	J28	32.001	J29	2.0	0.596	0.339	0.0298
240 minute winter	J29	32.002	S12	2.4	0.689	0.409	0.0164
240 minute winter	J30	32.004	J31	3.5	0.548	0.261	0.0315
240 minute winter	J31	32.005	J32	4.0	0.599	0.301	0.0651
240 minute winter	J32	32.006	S13	4.6	0.828	0.346	0.0296
240 minute winter	J33	32.008	S14	6.3	0.965	0.176	0.0597
240 minute winter	J34	32.010	J35	7.9	0.955	0.204	0.0753
240 minute winter	J35	32.011	J36	8.3	0.922	0.094	0.0632
240 minute winter	J36	32.012	S15	9.3	1.000	0.311	0.0224
240 minute winter	J37	32.014	S16	10.3	1.094	0.338	0.0497
240 minute winter	J38	32.016	J39	11.3	0.641	0.375	0.1909
240 minute winter	J39	32.017	J40	11.8	0.742	0.385	0.0584
240 minute winter	J40	32.018	S10	12.3	0.901	0.286	0.1311
240 minute winter	J41	48.002	J42	1.0	0.471	0.172	0.0135

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J42	140	184.572	0.035	1.6	0.0401	0.0000	OK
240 minute winter	J43	140	184.415	0.055	2.9	0.0619	0.0000	OK
240 minute winter	J44	140	184.402	0.052	3.4	0.0593	0.0000	OK
240 minute winter	J45	136	184.372	0.071	3.9	0.0809	0.0000	OK
240 minute winter	J46	136	184.349	0.077	5.4	0.0866	0.0000	OK
240 minute winter	J47	136	184.326	0.078	5.9	0.0879	0.0000	OK
240 minute winter	J48	140	184.244	0.090	7.3	0.1014	0.0000	OK
240 minute winter	J49	140	184.232	0.103	7.9	0.1164	0.0000	OK
240 minute winter	J50	140	184.224	0.099	8.4	0.1122	0.0000	OK
240 minute winter	J51	140	184.212	0.104	8.9	0.1179	0.0000	OK
240 minute winter	J52	140	184.202	0.098	9.6	0.1108	0.0000	OK
240 minute winter	J53	140	184.181	0.093	10.1	0.1057	0.0000	OK
240 minute winter	J54	140	185.012	0.033	1.2	0.0372	0.0000	OK
240 minute winter	J55	140	184.983	0.039	1.8	0.0440	0.0000	OK
240 minute winter	J56	140	184.084	0.117	14.4	0.1322	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J42	48.003	S21	1.6	0.521	0.265	0.0246
240 minute winter	J43	48.005	J44	2.9	0.506	0.204	0.0091
240 minute winter	J44	48.006	J45	3.4	0.496	0.255	0.0603
240 minute winter	J45	48.007	S22	3.9	0.457	0.291	0.0207
240 minute winter	J46	48.009	J47	5.4	0.592	0.405	0.0385
240 minute winter	J47	48.010	S23	5.9	0.683	0.440	0.0227
240 minute winter	J48	48.012	J49	7.3	0.452	0.245	0.1207
240 minute winter	J49	48.013	J50	7.9	0.456	0.257	0.0196
240 minute winter	J50	48.014	J51	8.4	0.483	0.282	0.0884
240 minute winter	J51	48.015	J52	8.9	0.514	0.290	0.0196
240 minute winter	J52	48.016	J53	9.6	0.599	0.316	0.0784
240 minute winter	J53	48.017	S24	10.1	0.705	0.335	0.1469
240 minute winter	J54	65.002	J55	1.2	0.479	0.204	0.0092
240 minute winter	J55	65.003	S24	1.8	0.641	0.298	0.0215
240 minute winter	J56	48.019	J57	14.4	0.570	0.265	0.2296

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Results for 30 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J57	140	184.061	0.116	14.9	0.1312	0.0000	OK
240 minute winter	BASIN 1	252	185.908	0.908	20.7	118.1656	0.0000	SURCHARGED
240 minute winter	BASIN 2	480	184.571	0.271	1.3	25.2494	0.0000	OK
240 minute winter	BASIN 3	276	183.218	0.118	14.2	82.4732	0.0000	OK
240 minute winter	BASIN 4	276	183.968	0.638	14.9	90.0556	0.0000	SURCHARGED
240 minute winter	SWALE 1	252	184.965	0.033	1.3	0.0369	0.0000	OK
240 minute winter	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
240 minute winter	SWALE 3	136	184.162	0.092	13.8	0.1039	0.0000	OK
240 minute winter	BH1	480	184.571	0.494	0.8	2.2349	0.0000	OK
240 minute winter	BH2	288	183.218	0.166	2.4	2.4324	0.0000	OK
240 minute winter	BH3	276	183.968	0.662	2.1	4.6955	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J57	48.020	S25	14.9	0.619	0.275	0.1901
240 minute winter	BASIN 1	1.023	S5	1.3	0.206	0.025	0.6013
240 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
240 minute winter	BASIN 2	71.000	BH1	0.8	0.434	0.142	0.1829
240 minute winter	BASIN 3	1.034	BH2	2.4	0.322	0.028	1.0377
240 minute winter	BASIN 4	48.022	BH3	2.1	0.491	0.039	0.7181
240 minute winter	SWALE 1	1.025	S6	1.3	0.321	0.025	0.1568
240 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
240 minute winter	SWALE 3	1.033	BASIN 3	13.8	0.773	0.198	0.7694
240 minute winter	BH1	Infiltration		0.1			
240 minute winter	BH2	Infiltration		0.2			
240 minute winter	BH3	Infiltration		0.2			

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S1	184	188.389	0.019	0.7	0.0259	0.0000	OK
360 minute summer	S2	192	187.126	0.087	8.5	0.1279	0.0000	OK
360 minute summer	S3	192	186.305	0.092	12.1	0.1202	0.0000	OK
360 minute summer	S4	360	185.895	0.517	19.7	0.6145	0.0000	SURCHARGED
360 minute summer	S5	368	185.897	0.917	1.3	1.0372	0.0000	SURCHARGED
360 minute summer	S6	368	184.877	0.033	1.3	0.0374	0.0000	OK
360 minute summer	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
360 minute summer	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
360 minute summer	S9	184	184.245	0.045	0.0	0.0507	0.0000	OK
360 minute summer	S10	184	184.245	0.061	13.1	0.0928	0.0000	OK
360 minute summer	S11	184	186.438	0.038	1.6	0.0615	0.0000	OK
360 minute summer	S12	184	186.227	0.051	2.8	0.0573	0.0000	OK
360 minute summer	S13	184	186.077	0.043	5.3	0.0605	0.0000	OK
360 minute summer	S14	184	185.325	0.075	7.3	0.1172	0.0000	OK
360 minute summer	S15	184	184.915	0.048	9.2	0.0672	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	S1	1.000	J1	0.7	0.429	0.080	0.0135
360 minute summer	S2	1.012	J12	8.5	0.659	0.283	0.0192
360 minute summer	S3	1.019	J18	12.1	1.014	0.395	0.0616
360 minute summer	S4	1.022	BASIN 1	19.2	1.279	0.115	1.1778
360 minute summer	S5	1.024	SWALE 1	1.3	0.322	0.025	0.0837
360 minute summer	S6	1.026	BASIN 2	1.3	0.363	0.024	0.0209
360 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
360 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0394
360 minute summer	S9	1.031	S10	0.0	-0.021	-0.001	0.0560
360 minute summer	S10	1.032	SWALE 3	13.0	0.951	0.072	0.0604
360 minute summer	S11	32.000	J28	1.6	0.558	0.267	0.0129
360 minute summer	S12	32.003	J30	2.8	0.503	0.210	0.0283
360 minute summer	S13	32.007	J33	5.3	1.321	0.164	0.0522
360 minute summer	S14	32.009	J34	7.3	0.887	0.422	0.0432
360 minute summer	S15	32.013	J37	9.3	0.983	0.101	0.0901

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S16	184	184.601	0.044	10.3	0.0551	0.0000	OK
360 minute summer	S17	208	186.015	0.015	0.3	0.0166	0.0000	OK
360 minute summer	S18	376	185.904	0.243	3.1	0.3430	0.0000	SURCHARGED
360 minute summer	S19	384	185.902	0.411	5.8	0.5631	0.0000	SURCHARGED
360 minute summer	S20	192	184.670	0.028	1.0	0.0345	0.0000	OK
360 minute summer	S21	192	184.504	0.045	2.2	0.0530	0.0000	OK
360 minute summer	S22	200	184.360	0.074	4.7	0.0907	0.0000	OK
360 minute summer	S23	192	184.247	0.089	6.4	0.1057	0.0000	OK
360 minute summer	S24	192	184.095	0.118	13.4	0.1708	0.0000	OK
360 minute summer	S25	192	184.031	0.105	14.0	0.1186	0.0000	OK
360 minute summer	S26	184	185.396	0.019	0.7	0.0231	0.0000	OK
360 minute summer	FC1	200	188.542	0.292	0.6	0.3891	0.0000	SURCHARGED
360 minute summer	FC2	200	188.443	0.293	0.6	0.3895	0.0000	SURCHARGED
360 minute summer	FC3	200	188.758	0.558	1.0	0.8103	0.0000	SURCHARGED
360 minute summer	FC4	192	188.379	0.179	0.5	0.2307	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	S16	32.015	J38	10.3	0.944	0.070	0.0258
360 minute summer	S17	23.001	J20	0.3	0.311	0.046	0.0074
360 minute summer	S18	23.006	J24	3.1	0.501	0.229	0.0323
360 minute summer	S19	23.010	J27	5.8	0.521	0.194	0.3541
360 minute summer	S20	48.001	J41	1.0	0.534	0.161	0.0083
360 minute summer	S21	48.004	J43	2.2	0.672	0.369	0.0166
360 minute summer	S22	48.008	J46	4.7	0.542	0.349	0.0210
360 minute summer	S23	48.011	J48	6.4	0.446	0.206	0.0160
360 minute summer	S24	48.018	J56	13.4	0.536	0.250	0.1059
360 minute summer	S25	48.021	BASIN 4	14.0	0.710	0.254	0.0631
360 minute summer	S26	65.001	J54	0.7	0.652	0.077	0.0088
360 minute summer	FC1	2.000	J1	0.5	0.374	0.085	0.0078
360 minute summer	FC2	3.000	J2	0.5	0.241	0.089	0.0113
360 minute summer	FC3	4.000	J3	0.7	0.536	0.116	0.0129
360 minute summer	FC4	5.000	J4	0.4	0.509	0.054	0.0059

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC5	200	188.293	0.293	0.6	0.3903	0.0000	SURCHARGED
360 minute summer	FC6	192	188.028	0.178	0.5	0.2296	0.0000	SURCHARGED
360 minute summer	FC7	192	187.929	0.179	0.5	0.2313	0.0000	SURCHARGED
360 minute summer	FC8	200	188.039	0.289	0.6	0.3851	0.0000	SURCHARGED
360 minute summer	FC9	192	187.651	0.181	0.5	0.2330	0.0000	SURCHARGED
360 minute summer	FC10	200	187.930	0.459	0.9	0.6483	0.0000	SURCHARGED
360 minute summer	FC11	192	187.557	0.237	0.6	0.3113	0.0000	SURCHARGED
360 minute summer	FC12	192	187.468	0.237	0.6	0.3113	0.0000	SURCHARGED
360 minute summer	FC13	200	187.293	0.293	0.6	0.3900	0.0000	SURCHARGED
360 minute summer	FC14	216	187.005	0.105	0.6	1.3482	0.0000	SURCHARGED
360 minute summer	FC15	192	187.375	0.175	0.5	0.2260	0.0000	SURCHARGED
360 minute summer	FC16	192	187.080	0.180	0.5	0.2322	0.0000	SURCHARGED
360 minute summer	FC17	192	187.176	0.176	0.5	0.2272	0.0000	SURCHARGED
360 minute summer	FC18	192	186.731	0.181	0.5	0.2331	0.0000	SURCHARGED
360 minute summer	FC19	200	186.693	0.293	0.6	0.3901	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC5	6.000	J5	0.5	0.457	0.089	0.0048
360 minute summer	FC6	7.000	J6	0.4	0.560	0.047	0.0053
360 minute summer	FC7	8.000	J7	0.4	0.486	0.057	0.0061
360 minute summer	FC8	9.000	J8	0.5	0.648	0.054	0.0034
360 minute summer	FC9	10.000	J9	0.4	0.429	0.069	0.0069
360 minute summer	FC10	11.000	J10	0.7	0.533	0.101	0.0078
360 minute summer	FC11	12.000	J11	0.5	0.446	0.080	0.0082
360 minute summer	FC12	13.000	S2	0.5	0.446	0.080	0.0073
360 minute summer	FC13	14.000	J12	0.5	0.462	0.089	0.0078
360 minute summer	FC14	15.000	J13	0.3	0.394	0.051	0.0058
360 minute summer	FC15	16.000	J14	0.4	0.907	0.024	0.0021
360 minute summer	FC16	17.000	J15	0.4	0.456	0.063	0.0068
360 minute summer	FC17	18.000	J16	0.4	0.722	0.033	0.0027
360 minute summer	FC18	19.000	J17	0.4	0.427	0.069	0.0067
360 minute summer	FC19	20.000	S3	0.5	0.460	0.090	0.0076

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC20	200	187.236	0.286	0.6	0.3812	0.0000	SURCHARGED
360 minute summer	FC21	200	186.593	0.293	0.6	0.3901	0.0000	SURCHARGED
360 minute summer	FC22	208	186.535	0.085	0.5	0.8238	0.0000	OK
360 minute summer	FC23	192	186.480	0.180	0.5	0.2326	0.0000	SURCHARGED
360 minute summer	FC24	200	186.591	0.291	0.6	0.3877	0.0000	SURCHARGED
360 minute summer	FC25	200	186.837	0.286	0.6	0.3813	0.0000	SURCHARGED
360 minute summer	FC26	208	186.533	0.083	0.5	0.8407	0.0000	OK
360 minute summer	FC27	192	186.675	0.175	0.5	0.2260	0.0000	SURCHARGED
360 minute summer	FC28	200	186.786	0.286	0.6	0.3812	0.0000	SURCHARGED
360 minute summer	FC29	200	186.805	0.305	0.7	0.4118	0.0000	SURCHARGED
360 minute summer	FC30	200	187.037	0.287	0.6	0.3819	0.0000	SURCHARGED
360 minute summer	FC31	192	186.628	0.177	0.5	0.2291	0.0000	SURCHARGED
360 minute summer	FC32	192	186.626	0.176	0.5	0.2269	0.0000	SURCHARGED
360 minute summer	FC33	200	186.737	0.287	0.6	0.3820	0.0000	SURCHARGED
360 minute summer	FC34	200	186.743	0.293	0.6	0.3897	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC20	21.000	J18	0.5	0.924	0.033	0.0025
360 minute summer	FC21	22.000	J19	0.5	0.461	0.090	0.0088
360 minute summer	FC22	23.000	S17	0.3	0.545	0.015	0.0025
360 minute summer	FC23	24.000	J20	0.4	0.445	0.065	0.0042
360 minute summer	FC24	25.000	J21	0.5	0.537	0.071	0.0046
360 minute summer	FC25	26.000	J22	0.5	0.917	0.033	0.0027
360 minute summer	FC26	27.000	J23	0.3	0.665	0.020	0.0019
360 minute summer	FC27	28.000	J24	0.4	0.936	0.022	0.0020
360 minute summer	FC28	29.000	J25	0.5	0.922	0.033	0.0025
360 minute summer	FC29	30.000	J26	0.5	0.906	0.036	0.0028
360 minute summer	FC30	31.000	J27	0.5	0.862	0.036	0.0027
360 minute summer	FC31	33.000	J28	0.4	0.279	0.045	0.0078
360 minute summer	FC32	34.000	J29	0.4	0.245	0.032	0.0085
360 minute summer	FC33	35.000	S12	0.5	0.847	0.037	0.0026
360 minute summer	FC34	36.000	J30	0.5	0.473	0.085	0.0053

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC35	200	186.737	0.287	0.6	0.3819	0.0000	SURCHARGED
360 minute summer	FC36	200	186.755	0.305	0.7	0.4116	0.0000	SURCHARGED
360 minute summer	FC37	200	186.197	0.397	0.8	0.5525	0.0000	SURCHARGED
360 minute summer	FC38	208	185.526	0.076	0.5	0.9152	0.0000	OK
360 minute summer	FC39	192	185.625	0.175	0.5	0.2265	0.0000	SURCHARGED
360 minute summer	FC40	200	185.786	0.286	0.6	0.3803	0.0000	SURCHARGED
360 minute summer	FC41	200	185.139	0.289	0.6	0.3843	0.0000	SURCHARGED
360 minute summer	FC42	200	184.890	0.290	0.6	0.3861	0.0000	SURCHARGED
360 minute summer	FC43	200	184.889	0.289	0.6	0.3841	0.0000	SURCHARGED
360 minute summer	FC44	184	184.615	0.015	0.5	0.0190	0.0000	OK
360 minute summer	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
360 minute summer	FC46	200	185.160	0.460	0.9	0.6493	0.0000	SURCHARGED
360 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute summer	FC48	200	185.087	0.287	0.6	0.3818	0.0000	SURCHARGED
360 minute summer	FC49	200	185.093	0.293	0.6	0.3903	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC35	37.000	J31	0.5	0.853	0.037	0.0032
360 minute summer	FC36	38.000	J32	0.5	0.924	0.035	0.0030
360 minute summer	FC37	39.000	J33	0.6	0.641	0.070	0.0064
360 minute summer	FC38	40.000	J34	0.3	0.629	0.021	0.0019
360 minute summer	FC39	41.000	J35	0.4	0.796	0.028	0.0023
360 minute summer	FC40	42.000	J36	0.5	1.049	0.028	0.0026
360 minute summer	FC41	43.000	J37	0.5	0.687	0.050	0.0039
360 minute summer	FC42	44.000	J38	0.5	0.598	0.061	0.0044
360 minute summer	FC43	45.000	J39	0.5	0.700	0.049	0.0033
360 minute summer	FC44	46.000	J40	0.5	0.705	0.044	0.0031
360 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
360 minute summer	FC46	48.000	S20	0.7	0.441	0.113	0.0095
360 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0047
360 minute summer	FC48	50.000	J42	0.5	0.390	0.038	0.0074
360 minute summer	FC49	51.000	S21	0.5	0.458	0.089	0.0050

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC50	200	185.093	0.293	0.6	0.3903	0.0000	SURCHARGED
360 minute summer	FC51	200	185.143	0.293	0.6	0.3901	0.0000	SURCHARGED
360 minute summer	FC52	192	185.618	0.368	0.8	0.5045	0.0000	SURCHARGED
360 minute summer	FC53	200	185.540	0.290	0.6	0.3855	0.0000	SURCHARGED
360 minute summer	FC54	192	185.427	0.177	0.5	0.2282	0.0000	SURCHARGED
360 minute summer	FC55	192	185.425	0.175	0.5	0.2264	0.0000	SURCHARGED
360 minute summer	FC56	200	185.637	0.287	0.6	0.3814	0.0000	SURCHARGED
360 minute summer	FC57	200	185.637	0.287	0.6	0.3819	0.0000	SURCHARGED
360 minute summer	FC58	192	185.526	0.176	0.5	0.2268	0.0000	SURCHARGED
360 minute summer	FC59	192	185.526	0.176	0.5	0.2274	0.0000	SURCHARGED
360 minute summer	FC60	200	185.638	0.288	0.6	0.3832	0.0000	SURCHARGED
360 minute summer	FC61	200	185.590	0.290	0.6	0.3859	0.0000	SURCHARGED
360 minute summer	FC62	200	185.762	0.512	1.0	0.7329	0.0000	SURCHARGED
360 minute summer	FC63	192	185.581	0.181	0.5	0.2337	0.0000	SURCHARGED
360 minute summer	FC64	200	185.293	0.293	0.6	0.3898	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC50	52.000	J43	0.5	0.458	0.089	0.0054
360 minute summer	FC51	55.000	S22	0.5	0.460	0.089	0.0071
360 minute summer	FC52	58.000	S23	0.6	0.692	0.059	0.0047
360 minute summer	FC53	61.000	J50	0.5	0.628	0.057	0.0036
360 minute summer	FC54	62.000	J51	0.4	0.647	0.038	0.0025
360 minute summer	FC55	64.000	J53	0.4	0.814	0.027	0.0021
360 minute summer	FC56	53.000	J44	0.5	0.906	0.034	0.0038
360 minute summer	FC57	54.000	J45	0.5	0.851	0.037	0.0040
360 minute summer	FC58	56.000	J46	0.4	0.757	0.031	0.0033
360 minute summer	FC59	57.000	J47	0.4	0.703	0.034	0.0037
360 minute summer	FC60	59.000	J48	0.5	0.750	0.045	0.0047
360 minute summer	FC61	60.000	J49	0.5	0.602	0.061	0.0065
360 minute summer	FC62	63.000	J52	0.7	0.604	0.093	0.0110
360 minute summer	FC63	65.000	S26	0.4	0.427	0.069	0.0024
360 minute summer	FC64	66.000	J54	0.5	0.331	0.089	0.0036

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC65	200	185.436	0.286	0.6	0.3802	0.0000	SURCHARGED
360 minute summer	FC66	200	185.292	0.292	0.6	0.3886	0.0000	SURCHARGED
360 minute summer	FC67	208	184.884	0.084	0.5	0.8639	0.0000	OK
360 minute summer	FC68	192	184.728	0.178	0.5	0.2298	0.0000	SURCHARGED
360 minute summer	J1	184	188.233	0.033	1.9	0.0446	0.0000	OK
360 minute summer	J2	184	188.156	0.050	2.3	0.0567	0.0000	OK
360 minute summer	J3	184	188.095	0.049	3.0	0.0552	0.0000	OK
360 minute summer	J4	192	188.070	0.035	3.4	0.0395	0.0000	OK
360 minute summer	J5	192	187.942	0.032	3.9	0.0367	0.0000	OK
360 minute summer	J6	192	187.698	0.048	4.3	0.0544	0.0000	OK
360 minute summer	J7	192	187.661	0.061	4.7	0.0693	0.0000	OK
360 minute summer	J8	192	187.638	0.044	5.2	0.0503	0.0000	OK
360 minute summer	J9	192	187.337	0.062	5.7	0.0702	0.0000	OK
360 minute summer	J10	192	187.306	0.036	6.3	0.0408	0.0000	OK
360 minute summer	J11	192	187.174	0.052	6.8	0.0593	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC65	67.000	J55	0.5	0.358	0.028	0.0035
360 minute summer	FC66	68.000	S24	0.5	0.514	0.073	0.0022
360 minute summer	FC67	69.000	J56	0.3	0.369	0.045	0.0015
360 minute summer	FC68	70.000	J57	0.4	0.562	0.045	0.0017
360 minute summer	J1	1.001	J2	1.9	0.606	0.225	0.0155
360 minute summer	J2	1.002	J3	2.3	0.649	0.395	0.0037
360 minute summer	J3	1.003	J4	3.0	0.746	0.225	0.0079
360 minute summer	J4	1.004	J5	3.4	1.150	0.101	0.0104
360 minute summer	J5	1.005	J6	3.9	1.031	0.102	0.0217
360 minute summer	J6	1.006	J7	4.3	0.745	0.152	0.0114
360 minute summer	J7	1.007	J8	4.7	0.853	0.339	0.0063
360 minute summer	J8	1.008	J9	5.2	1.244	0.173	0.0357
360 minute summer	J9	1.009	J10	5.7	0.886	0.169	0.0078
360 minute summer	J10	1.010	J11	6.3	1.147	0.049	0.0136
360 minute summer	J11	1.011	S2	6.8	0.650	0.105	0.0568

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J12	192	186.867	0.058	9.0	0.0653	0.0000	OK
360 minute summer	J13	192	186.806	0.103	9.2	0.1170	0.0000	OK
360 minute summer	J14	192	186.793	0.098	9.6	0.1112	0.0000	OK
360 minute summer	J15	192	186.777	0.089	10.1	0.1001	0.0000	OK
360 minute summer	J16	192	186.742	0.072	10.5	0.0819	0.0000	OK
360 minute summer	J17	192	186.406	0.048	10.9	0.0545	0.0000	OK
360 minute summer	J18	192	186.255	0.061	12.6	0.0688	0.0000	OK
360 minute summer	J19	192	186.128	0.101	13.1	0.1147	0.0000	OK
360 minute summer	J20	200	185.954	0.023	0.7	0.0263	0.0000	OK
360 minute summer	J21	200	185.926	0.031	1.2	0.0345	0.0000	OK
360 minute summer	J22	376	185.904	0.086	1.7	0.0970	0.0000	OK
360 minute summer	J23	376	185.904	0.121	2.0	0.1365	0.0000	SURCHARGED
360 minute summer	J24	376	185.904	0.254	3.5	0.2872	0.0000	SURCHARGED
360 minute summer	J25	376	185.904	0.289	4.1	0.3265	0.0000	SURCHARGED
360 minute summer	J26	376	185.904	0.317	4.6	0.3586	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J12	1.013	J13	9.0	0.703	0.134	0.0836
360 minute summer	J13	1.014	J14	9.2	0.536	0.294	0.0327
360 minute summer	J14	1.015	J15	9.6	0.620	0.309	0.0298
360 minute summer	J15	1.016	J16	10.1	0.790	0.329	0.0654
360 minute summer	J16	1.017	J17	10.5	1.041	0.174	0.0338
360 minute summer	J17	1.018	S3	10.9	1.027	0.075	0.0203
360 minute summer	J18	1.020	J19	12.6	1.726	0.097	0.0109
360 minute summer	J19	1.021	S4	13.1	0.697	0.238	0.0828
360 minute summer	J20	23.002	J21	0.7	0.396	0.114	0.0064
360 minute summer	J21	23.003	J22	1.2	0.485	0.202	0.0300
360 minute summer	J22	23.004	J23	1.7	0.573	0.290	0.0269
360 minute summer	J23	23.005	S18	2.0	0.663	0.336	0.0587
360 minute summer	J24	23.007	J25	3.5	0.536	0.266	0.1088
360 minute summer	J25	23.008	J26	4.1	0.557	0.306	0.0874
360 minute summer	J26	23.009	S19	4.6	0.649	0.346	0.0652

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J27	384	185.910	0.449	6.3	0.5074	0.0000	SURCHARGED
360 minute summer	J28	184	186.397	0.041	2.0	0.0462	0.0000	OK
360 minute summer	J29	184	186.318	0.047	2.3	0.0527	0.0000	OK
360 minute summer	J30	192	186.203	0.056	3.3	0.0630	0.0000	OK
360 minute summer	J31	192	186.177	0.058	3.8	0.0652	0.0000	OK
360 minute summer	J32	192	186.125	0.061	4.4	0.0685	0.0000	OK
360 minute summer	J33	192	185.651	0.041	5.9	0.0467	0.0000	OK
360 minute summer	J34	184	185.195	0.070	7.5	0.0788	0.0000	OK
360 minute summer	J35	184	185.120	0.045	7.9	0.0510	0.0000	OK
360 minute summer	J36	192	184.952	0.077	8.4	0.0873	0.0000	OK
360 minute summer	J37	184	184.657	0.082	9.8	0.0929	0.0000	OK
360 minute summer	J38	184	184.475	0.100	10.7	0.1128	0.0000	OK
360 minute summer	J39	192	184.437	0.099	11.2	0.1119	0.0000	OK
360 minute summer	J40	192	184.410	0.085	11.6	0.0963	0.0000	OK
360 minute summer	J41	192	184.625	0.028	1.0	0.0313	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J27	23.011	S4	6.3	0.610	0.212	0.0951
360 minute summer	J28	32.001	J29	2.0	0.596	0.331	0.0290
360 minute summer	J29	32.002	S12	2.3	0.681	0.392	0.0159
360 minute summer	J30	32.004	J31	3.3	0.542	0.249	0.0303
360 minute summer	J31	32.005	J32	3.8	0.593	0.288	0.0628
360 minute summer	J32	32.006	S13	4.4	0.818	0.328	0.0284
360 minute summer	J33	32.008	S14	5.9	0.949	0.166	0.0576
360 minute summer	J34	32.010	J35	7.5	0.943	0.195	0.0725
360 minute summer	J35	32.011	J36	7.9	0.912	0.088	0.0607
360 minute summer	J36	32.012	S15	8.4	0.941	0.281	0.0215
360 minute summer	J37	32.014	S16	9.8	1.083	0.321	0.0479
360 minute summer	J38	32.016	J39	10.7	0.634	0.354	0.1825
360 minute summer	J39	32.017	J40	11.2	0.734	0.364	0.0558
360 minute summer	J40	32.018	S10	11.6	0.888	0.270	0.1255
360 minute summer	J41	48.002	J42	1.0	0.463	0.161	0.0128

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J42	192	184.571	0.034	1.5	0.0387	0.0000	OK
360 minute summer	J43	192	184.413	0.053	2.7	0.0599	0.0000	OK
360 minute summer	J44	192	184.401	0.051	3.2	0.0574	0.0000	OK
360 minute summer	J45	200	184.369	0.069	3.7	0.0780	0.0000	OK
360 minute summer	J46	200	184.346	0.074	5.1	0.0833	0.0000	OK
360 minute summer	J47	200	184.323	0.075	5.5	0.0846	0.0000	OK
360 minute summer	J48	192	184.240	0.086	6.9	0.0970	0.0000	OK
360 minute summer	J49	200	184.228	0.099	7.4	0.1118	0.0000	OK
360 minute summer	J50	200	184.220	0.095	7.9	0.1078	0.0000	OK
360 minute summer	J51	200	184.208	0.100	8.3	0.1136	0.0000	OK
360 minute summer	J52	200	184.198	0.094	9.0	0.1067	0.0000	OK
360 minute summer	J53	200	184.177	0.090	9.4	0.1019	0.0000	OK
360 minute summer	J54	184	185.011	0.032	1.2	0.0361	0.0000	OK
360 minute summer	J55	200	184.982	0.038	1.7	0.0427	0.0000	OK
360 minute summer	J56	192	184.080	0.113	13.6	0.1279	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J42	48.003	S21	1.5	0.511	0.249	0.0235
360 minute summer	J43	48.005	J44	2.7	0.500	0.193	0.0087
360 minute summer	J44	48.006	J45	3.2	0.492	0.241	0.0576
360 minute summer	J45	48.007	S22	3.8	0.452	0.277	0.0198
360 minute summer	J46	48.009	J47	5.1	0.586	0.382	0.0366
360 minute summer	J47	48.010	S23	5.5	0.673	0.413	0.0216
360 minute summer	J48	48.012	J49	6.9	0.449	0.230	0.1142
360 minute summer	J49	48.013	J50	7.4	0.451	0.241	0.0186
360 minute summer	J50	48.014	J51	7.9	0.478	0.265	0.0840
360 minute summer	J51	48.015	J52	8.3	0.506	0.271	0.0187
360 minute summer	J52	48.016	J53	9.0	0.590	0.296	0.0746
360 minute summer	J53	48.017	S24	9.4	0.691	0.313	0.1402
360 minute summer	J54	65.002	J55	1.1	0.478	0.194	0.0088
360 minute summer	J55	65.003	S24	1.7	0.632	0.282	0.0207
360 minute summer	J56	48.019	J57	13.6	0.563	0.251	0.2196

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Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J57	192	184.057	0.112	14.0	0.1270	0.0000	OK
360 minute summer	BASIN 1	368	185.897	0.897	19.2	116.5403	0.0000	SURCHARGED
360 minute summer	BASIN 2	600	184.624	0.324	1.3	30.6490	0.0000	OK
360 minute summer	BASIN 3	392	183.219	0.119	13.0	83.3737	0.0000	OK
360 minute summer	BASIN 4	392	183.976	0.646	14.0	91.2918	0.0000	SURCHARGED
360 minute summer	SWALE 1	368	184.965	0.032	1.3	0.0367	0.0000	OK
360 minute summer	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWALE 3	192	184.159	0.089	13.0	0.1010	0.0000	OK
360 minute summer	BH1	600	184.624	0.547	0.6	2.3882	0.0000	OK
360 minute summer	BH2	392	183.220	0.167	1.5	2.4379	0.0000	OK
360 minute summer	BH3	392	183.976	0.670	1.5	4.7320	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J57	48.020	S25	14.0	0.610	0.260	0.1819
360 minute summer	BASIN 1	1.023	S5	1.3	0.147	0.025	0.6013
360 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
360 minute summer	BASIN 2	71.000	BH1	0.6	0.414	0.101	0.1829
360 minute summer	BASIN 3	1.034	BH2	1.5	0.264	0.018	1.0495
360 minute summer	BASIN 4	48.022	BH3	1.5	0.425	0.028	0.7181
360 minute summer	SWALE 1	1.025	S6	1.3	0.321	0.025	0.1561
360 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
360 minute summer	SWALE 3	1.033	BASIN 3	13.0	0.762	0.188	0.7396
360 minute summer	BH1	Infiltration		0.1			
360 minute summer	BH2	Infiltration		0.2			
360 minute summer	BH3	Infiltration		0.2			

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S1	176	188.386	0.016	0.5	0.0220	0.0000	OK
360 minute winter	S2	192	187.119	0.080	7.3	0.1181	0.0000	OK
360 minute winter	S3	192	186.298	0.086	10.5	0.1117	0.0000	OK
360 minute winter	S4	352	185.992	0.614	16.8	0.7290	0.0000	SURCHARGED
360 minute winter	S5	360	185.993	1.013	1.4	1.1458	0.0000	SURCHARGED
360 minute winter	S6	360	184.878	0.034	1.4	0.0383	0.0000	OK
360 minute winter	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
360 minute winter	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
360 minute winter	S9	192	184.239	0.039	0.0	0.0444	0.0000	OK
360 minute winter	S10	192	184.239	0.055	11.1	0.0843	0.0000	OK
360 minute winter	S11	184	186.432	0.032	1.2	0.0523	0.0000	OK
360 minute winter	S12	192	186.221	0.045	2.3	0.0514	0.0000	OK
360 minute winter	S13	192	186.073	0.039	4.5	0.0554	0.0000	OK
360 minute winter	S14	192	185.317	0.067	6.0	0.1046	0.0000	OK
360 minute winter	S15	192	184.911	0.044	7.8	0.0616	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	S1	1.000	J1	0.5	0.394	0.057	0.0109
360 minute winter	S2	1.012	J12	7.3	0.630	0.243	0.0172
360 minute winter	S3	1.019	J18	10.5	0.981	0.343	0.0554
360 minute winter	S4	1.022	BASIN 1	16.3	1.398	0.098	1.1778
360 minute winter	S5	1.024	SWALE 1	1.4	0.327	0.026	0.0868
360 minute winter	S6	1.026	BASIN 2	1.4	0.370	0.026	0.0217
360 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
360 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0325
360 minute winter	S9	1.031	S10	0.0	-0.031	-0.001	0.0478
360 minute winter	S10	1.032	SWALE 3	11.1	0.915	0.062	0.0534
360 minute winter	S11	32.000	J28	1.2	0.514	0.201	0.0105
360 minute winter	S12	32.003	J30	2.3	0.480	0.173	0.0246
360 minute winter	S13	32.007	J33	4.5	1.257	0.140	0.0465
360 minute winter	S14	32.009	J34	6.0	0.848	0.349	0.0374
360 minute winter	S15	32.013	J37	7.8	0.927	0.085	0.0801

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S16	192	184.596	0.039	8.7	0.0494	0.0000	OK
360 minute winter	S17	224	186.015	0.015	0.3	0.0165	0.0000	OK
360 minute winter	S18	368	186.003	0.342	2.8	0.4836	0.0000	SURCHARGED
360 minute winter	S19	368	186.002	0.511	5.1	0.6997	0.0000	SURCHARGED
360 minute winter	S20	208	184.668	0.026	0.8	0.0312	0.0000	OK
360 minute winter	S21	200	184.500	0.041	1.9	0.0488	0.0000	OK
360 minute winter	S22	192	184.354	0.068	4.1	0.0833	0.0000	OK
360 minute winter	S23	192	184.240	0.082	5.5	0.0965	0.0000	OK
360 minute winter	S24	192	184.086	0.109	11.6	0.1577	0.0000	OK
360 minute winter	S25	384	184.039	0.113	12.2	0.1274	0.0000	OK
360 minute winter	S26	192	185.395	0.018	0.6	0.0213	0.0000	OK
360 minute winter	FC1	192	188.472	0.222	0.5	0.2957	0.0000	SURCHARGED
360 minute winter	FC2	192	188.373	0.223	0.5	0.2962	0.0000	SURCHARGED
360 minute winter	FC3	208	188.630	0.430	0.7	0.6240	0.0000	SURCHARGED
360 minute winter	FC4	192	188.351	0.151	0.4	0.1947	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	S16	32.015	J38	8.7	0.916	0.059	0.0226
360 minute winter	S17	23.001	J20	0.3	0.310	0.046	0.0228
360 minute winter	S18	23.006	J24	2.8	0.489	0.202	0.0323
360 minute winter	S19	23.010	J27	4.9	0.499	0.163	0.3541
360 minute winter	S20	48.001	J41	0.8	0.509	0.132	0.0072
360 minute winter	S21	48.004	J43	1.9	0.648	0.320	0.0149
360 minute winter	S22	48.008	J46	4.1	0.528	0.305	0.0189
360 minute winter	S23	48.011	J48	5.5	0.438	0.179	0.0142
360 minute winter	S24	48.018	J56	11.6	0.519	0.217	0.0951
360 minute winter	S25	48.021	BASIN 4	12.2	0.684	0.222	0.0809
360 minute winter	S26	65.001	J54	0.6	0.621	0.065	0.0078
360 minute winter	FC1	2.000	J1	0.5	0.347	0.074	0.0067
360 minute winter	FC2	3.000	J2	0.5	0.225	0.077	0.0100
360 minute winter	FC3	4.000	J3	0.6	0.516	0.102	0.0117
360 minute winter	FC4	5.000	J4	0.4	0.496	0.049	0.0055

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC5	192	188.223	0.223	0.5	0.2969	0.0000	SURCHARGED
360 minute winter	FC6	192	188.000	0.150	0.4	0.1935	0.0000	SURCHARGED
360 minute winter	FC7	192	187.901	0.151	0.4	0.1953	0.0000	SURCHARGED
360 minute winter	FC8	192	187.969	0.219	0.5	0.2918	0.0000	SURCHARGED
360 minute winter	FC9	192	187.623	0.153	0.4	0.1970	0.0000	SURCHARGED
360 minute winter	FC10	208	187.830	0.360	0.7	0.5085	0.0000	SURCHARGED
360 minute winter	FC11	208	187.491	0.171	0.4	0.2238	0.0000	SURCHARGED
360 minute winter	FC12	208	187.401	0.171	0.4	0.2238	0.0000	SURCHARGED
360 minute winter	FC13	192	187.223	0.223	0.5	0.2967	0.0000	SURCHARGED
360 minute winter	FC14	232	187.003	0.103	0.5	1.3208	0.0000	SURCHARGED
360 minute winter	FC15	192	187.347	0.147	0.4	0.1902	0.0000	SURCHARGED
360 minute winter	FC16	192	187.052	0.152	0.4	0.1961	0.0000	SURCHARGED
360 minute winter	FC17	192	187.148	0.148	0.4	0.1909	0.0000	SURCHARGED
360 minute winter	FC18	192	186.703	0.153	0.4	0.1971	0.0000	SURCHARGED
360 minute winter	FC19	192	186.623	0.223	0.5	0.2967	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC5	6.000	J5	0.5	0.439	0.077	0.0043
360 minute winter	FC6	7.000	J6	0.4	0.545	0.043	0.0050
360 minute winter	FC7	8.000	J7	0.4	0.474	0.052	0.0057
360 minute winter	FC8	9.000	J8	0.5	0.621	0.047	0.0031
360 minute winter	FC9	10.000	J9	0.4	0.418	0.062	0.0064
360 minute winter	FC10	11.000	J10	0.6	0.514	0.089	0.0071
360 minute winter	FC11	12.000	J11	0.4	0.424	0.067	0.0072
360 minute winter	FC12	13.000	S2	0.4	0.424	0.067	0.0064
360 minute winter	FC13	14.000	J12	0.5	0.442	0.077	0.0070
360 minute winter	FC14	15.000	J13	0.3	0.393	0.050	0.0058
360 minute winter	FC15	16.000	J14	0.4	0.882	0.021	0.0020
360 minute winter	FC16	17.000	J15	0.4	0.444	0.057	0.0064
360 minute winter	FC17	18.000	J16	0.4	0.702	0.030	0.0026
360 minute winter	FC18	19.000	J17	0.4	0.416	0.063	0.0063
360 minute winter	FC19	20.000	S3	0.5	0.440	0.077	0.0068

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC20	192	187.167	0.217	0.5	0.2882	0.0000	SURCHARGED
360 minute winter	FC21	192	186.523	0.223	0.5	0.2967	0.0000	SURCHARGED
360 minute winter	FC22	224	186.534	0.084	0.4	0.8178	0.0000	OK
360 minute winter	FC23	192	186.452	0.152	0.4	0.1966	0.0000	SURCHARGED
360 minute winter	FC24	192	186.521	0.221	0.5	0.2944	0.0000	SURCHARGED
360 minute winter	FC25	192	186.767	0.217	0.5	0.2882	0.0000	SURCHARGED
360 minute winter	FC26	224	186.533	0.083	0.4	0.8385	0.0000	OK
360 minute winter	FC27	192	186.647	0.147	0.4	0.1902	0.0000	SURCHARGED
360 minute winter	FC28	192	186.717	0.217	0.5	0.2882	0.0000	SURCHARGED
360 minute winter	FC29	200	186.736	0.236	0.5	0.3190	0.0000	SURCHARGED
360 minute winter	FC30	192	186.967	0.217	0.5	0.2887	0.0000	SURCHARGED
360 minute winter	FC31	192	186.600	0.149	0.4	0.1930	0.0000	SURCHARGED
360 minute winter	FC32	192	186.598	0.148	0.4	0.1907	0.0000	SURCHARGED
360 minute winter	FC33	192	186.667	0.217	0.5	0.2889	0.0000	SURCHARGED
360 minute winter	FC34	192	186.673	0.223	0.5	0.2964	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC20	21.000	J18	0.5	0.884	0.028	0.0022
360 minute winter	FC21	22.000	J19	0.5	0.441	0.077	0.0079
360 minute winter	FC22	23.000	S17	0.3	0.544	0.015	0.0024
360 minute winter	FC23	24.000	J20	0.4	0.433	0.059	0.0039
360 minute winter	FC24	25.000	J21	0.5	0.515	0.061	0.0041
360 minute winter	FC25	26.000	J22	0.5	0.878	0.029	0.0025
360 minute winter	FC26	27.000	J23	0.3	0.665	0.020	0.0019
360 minute winter	FC27	28.000	J24	0.4	0.910	0.020	0.0018
360 minute winter	FC28	29.000	J25	0.5	0.883	0.029	0.0023
360 minute winter	FC29	30.000	J26	0.5	0.870	0.031	0.0026
360 minute winter	FC30	31.000	J27	0.5	0.824	0.031	0.0024
360 minute winter	FC31	33.000	J28	0.4	0.256	0.041	0.0066
360 minute winter	FC32	34.000	J29	0.4	0.227	0.029	0.0074
360 minute winter	FC33	35.000	S12	0.5	0.811	0.032	0.0023
360 minute winter	FC34	36.000	J30	0.5	0.453	0.074	0.0048

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC35	192	186.667	0.217	0.5	0.2888	0.0000	SURCHARGED
360 minute winter	FC36	200	186.686	0.236	0.5	0.3188	0.0000	SURCHARGED
360 minute winter	FC37	200	186.129	0.329	0.6	0.4580	0.0000	SURCHARGED
360 minute winter	FC38	224	185.528	0.077	0.4	0.9319	0.0000	OK
360 minute winter	FC39	192	185.597	0.147	0.4	0.1903	0.0000	SURCHARGED
360 minute winter	FC40	192	185.716	0.216	0.5	0.2877	0.0000	SURCHARGED
360 minute winter	FC41	192	185.069	0.219	0.5	0.2911	0.0000	SURCHARGED
360 minute winter	FC42	192	184.820	0.220	0.5	0.2929	0.0000	SURCHARGED
360 minute winter	FC43	192	184.819	0.219	0.5	0.2909	0.0000	SURCHARGED
360 minute winter	FC44	184	184.613	0.013	0.4	0.0171	0.0000	OK
360 minute winter	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
360 minute winter	FC46	208	185.061	0.361	0.7	0.5096	0.0000	SURCHARGED
360 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute winter	FC48	192	185.017	0.217	0.5	0.2887	0.0000	SURCHARGED
360 minute winter	FC49	192	185.023	0.223	0.5	0.2969	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC35	37.000	J31	0.5	0.816	0.032	0.0029
360 minute winter	FC36	38.000	J32	0.5	0.888	0.030	0.0027
360 minute winter	FC37	39.000	J33	0.6	0.623	0.064	0.0059
360 minute winter	FC38	40.000	J34	0.3	0.631	0.021	0.0019
360 minute winter	FC39	41.000	J35	0.4	0.775	0.026	0.0021
360 minute winter	FC40	42.000	J36	0.5	1.005	0.024	0.0023
360 minute winter	FC41	43.000	J37	0.5	0.658	0.043	0.0035
360 minute winter	FC42	44.000	J38	0.5	0.573	0.053	0.0039
360 minute winter	FC43	45.000	J39	0.5	0.670	0.042	0.0029
360 minute winter	FC44	46.000	J40	0.4	0.664	0.036	0.0026
360 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
360 minute winter	FC46	48.000	S20	0.6	0.420	0.099	0.0084
360 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0040
360 minute winter	FC48	50.000	J42	0.5	0.364	0.033	0.0066
360 minute winter	FC49	51.000	S21	0.5	0.439	0.077	0.0045

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC50	192	185.023	0.223	0.5	0.2969	0.0000	SURCHARGED
360 minute winter	FC51	192	185.073	0.223	0.5	0.2967	0.0000	SURCHARGED
360 minute winter	FC52	192	185.512	0.262	0.6	0.3595	0.0000	SURCHARGED
360 minute winter	FC53	192	185.470	0.220	0.5	0.2922	0.0000	SURCHARGED
360 minute winter	FC54	192	185.399	0.149	0.4	0.1920	0.0000	SURCHARGED
360 minute winter	FC55	192	185.397	0.147	0.4	0.1903	0.0000	SURCHARGED
360 minute winter	FC56	192	185.567	0.217	0.5	0.2883	0.0000	SURCHARGED
360 minute winter	FC57	192	185.567	0.217	0.5	0.2888	0.0000	SURCHARGED
360 minute winter	FC58	192	185.498	0.148	0.4	0.1906	0.0000	SURCHARGED
360 minute winter	FC59	192	185.498	0.148	0.4	0.1911	0.0000	SURCHARGED
360 minute winter	FC60	192	185.568	0.218	0.5	0.2901	0.0000	SURCHARGED
360 minute winter	FC61	192	185.520	0.220	0.5	0.2927	0.0000	SURCHARGED
360 minute winter	FC62	200	185.648	0.398	0.7	0.5690	0.0000	SURCHARGED
360 minute winter	FC63	192	185.553	0.153	0.4	0.1976	0.0000	SURCHARGED
360 minute winter	FC64	192	185.223	0.223	0.5	0.2963	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC50	52.000	J43	0.5	0.439	0.077	0.0049
360 minute winter	FC51	55.000	S22	0.5	0.441	0.077	0.0063
360 minute winter	FC52	58.000	S23	0.5	0.659	0.050	0.0042
360 minute winter	FC53	61.000	J50	0.5	0.603	0.049	0.0032
360 minute winter	FC54	62.000	J51	0.4	0.629	0.034	0.0023
360 minute winter	FC55	64.000	J53	0.4	0.792	0.025	0.0020
360 minute winter	FC56	53.000	J44	0.5	0.867	0.029	0.0035
360 minute winter	FC57	54.000	J45	0.5	0.814	0.032	0.0036
360 minute winter	FC58	56.000	J46	0.4	0.736	0.028	0.0031
360 minute winter	FC59	57.000	J47	0.4	0.683	0.031	0.0035
360 minute winter	FC60	59.000	J48	0.5	0.719	0.039	0.0042
360 minute winter	FC61	60.000	J49	0.5	0.577	0.053	0.0058
360 minute winter	FC62	63.000	J52	0.6	0.581	0.081	0.0100
360 minute winter	FC63	65.000	S26	0.4	0.401	0.063	0.0022
360 minute winter	FC64	66.000	J54	0.5	0.318	0.077	0.0033

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC65	192	185.366	0.216	0.5	0.2877	0.0000	SURCHARGED
360 minute winter	FC66	192	185.222	0.222	0.5	0.2953	0.0000	SURCHARGED
360 minute winter	FC67	224	184.884	0.084	0.4	0.8705	0.0000	OK
360 minute winter	FC68	192	184.700	0.150	0.4	0.1937	0.0000	SURCHARGED
360 minute winter	J1	200	188.229	0.029	1.5	0.0385	0.0000	OK
360 minute winter	J2	200	188.151	0.045	1.9	0.0505	0.0000	OK
360 minute winter	J3	200	188.091	0.045	2.6	0.0510	0.0000	OK
360 minute winter	J4	200	188.067	0.032	2.9	0.0364	0.0000	OK
360 minute winter	J5	200	187.940	0.030	3.4	0.0341	0.0000	OK
360 minute winter	J6	200	187.694	0.044	3.7	0.0496	0.0000	OK
360 minute winter	J7	200	187.657	0.057	4.1	0.0643	0.0000	OK
360 minute winter	J8	200	187.634	0.041	4.6	0.0467	0.0000	OK
360 minute winter	J9	200	187.333	0.058	4.9	0.0655	0.0000	OK
360 minute winter	J10	200	187.304	0.033	5.5	0.0378	0.0000	OK
360 minute winter	J11	200	187.170	0.049	5.9	0.0550	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC65	67.000	J55	0.5	0.340	0.024	0.0032
360 minute winter	FC66	68.000	S24	0.5	0.494	0.063	0.0020
360 minute winter	FC67	69.000	J56	0.3	0.370	0.045	0.0015
360 minute winter	FC68	70.000	J57	0.4	0.547	0.041	0.0015
360 minute winter	J1	1.001	J2	1.5	0.563	0.175	0.0131
360 minute winter	J2	1.002	J3	1.9	0.616	0.323	0.0032
360 minute winter	J3	1.003	J4	2.6	0.713	0.192	0.0070
360 minute winter	J4	1.004	J5	2.9	1.104	0.087	0.0093
360 minute winter	J5	1.005	J6	3.4	1.000	0.088	0.0193
360 minute winter	J6	1.006	J7	3.7	0.722	0.132	0.0102
360 minute winter	J7	1.007	J8	4.1	0.822	0.295	0.0057
360 minute winter	J8	1.008	J9	4.6	1.198	0.151	0.0322
360 minute winter	J9	1.009	J10	4.9	0.856	0.148	0.0071
360 minute winter	J10	1.010	J11	5.5	1.120	0.043	0.0122
360 minute winter	J11	1.011	S2	5.9	0.633	0.092	0.0508

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J12	192	186.862	0.053	7.7	0.0599	0.0000	OK
360 minute winter	J13	192	186.797	0.095	8.0	0.1076	0.0000	OK
360 minute winter	J14	192	186.786	0.091	8.3	0.1026	0.0000	OK
360 minute winter	J15	192	186.770	0.082	8.7	0.0927	0.0000	OK
360 minute winter	J16	192	186.737	0.067	9.1	0.0756	0.0000	OK
360 minute winter	J17	192	186.402	0.044	9.4	0.0496	0.0000	OK
360 minute winter	J18	192	186.250	0.056	10.9	0.0632	0.0000	OK
360 minute winter	J19	200	186.121	0.094	11.4	0.1067	0.0000	OK
360 minute winter	J20	368	186.004	0.073	0.6	0.0826	0.0000	OK
360 minute winter	J21	368	186.004	0.109	1.1	0.1229	0.0000	SURCHARGED
360 minute winter	J22	376	186.003	0.185	1.5	0.2095	0.0000	SURCHARGED
360 minute winter	J23	376	186.003	0.220	1.8	0.2488	0.0000	SURCHARGED
360 minute winter	J24	368	186.003	0.353	3.1	0.3992	0.0000	SURCHARGED
360 minute winter	J25	368	186.003	0.388	3.6	0.4388	0.0000	SURCHARGED
360 minute winter	J26	368	186.004	0.417	4.1	0.4714	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J12	1.013	J13	7.7	0.679	0.115	0.0746
360 minute winter	J13	1.014	J14	8.0	0.516	0.254	0.0293
360 minute winter	J14	1.015	J15	8.3	0.595	0.267	0.0269
360 minute winter	J15	1.016	J16	8.7	0.761	0.285	0.0588
360 minute winter	J16	1.017	J17	9.1	1.004	0.151	0.0304
360 minute winter	J17	1.018	S3	9.4	0.998	0.065	0.0182
360 minute winter	J18	1.020	J19	10.9	1.674	0.084	0.0098
360 minute winter	J19	1.021	S4	11.4	0.669	0.207	0.0750
360 minute winter	J20	23.002	J21	0.6	0.393	0.107	0.0263
360 minute winter	J21	23.003	J22	1.1	0.476	0.183	0.0627
360 minute winter	J22	23.004	J23	1.5	0.555	0.259	0.0281
360 minute winter	J23	23.005	S18	1.8	0.646	0.305	0.0587
360 minute winter	J24	23.007	J25	3.1	0.524	0.236	0.1088
360 minute winter	J25	23.008	J26	3.6	0.543	0.271	0.0874
360 minute winter	J26	23.009	S19	4.1	0.629	0.305	0.0652

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J27	376	186.013	0.552	5.3	0.6239	0.0000	SURCHARGED
360 minute winter	J28	184	186.392	0.036	1.5	0.0402	0.0000	OK
360 minute winter	J29	184	186.312	0.041	1.9	0.0466	0.0000	OK
360 minute winter	J30	192	186.197	0.050	2.8	0.0571	0.0000	OK
360 minute winter	J31	192	186.171	0.052	3.2	0.0593	0.0000	OK
360 minute winter	J32	192	186.120	0.055	3.7	0.0627	0.0000	OK
360 minute winter	J33	192	185.648	0.038	5.0	0.0432	0.0000	OK
360 minute winter	J34	192	185.189	0.064	6.3	0.0720	0.0000	OK
360 minute winter	J35	192	185.117	0.042	6.7	0.0470	0.0000	OK
360 minute winter	J36	200	184.945	0.070	7.1	0.0795	0.0000	OK
360 minute winter	J37	192	184.651	0.076	8.3	0.0854	0.0000	OK
360 minute winter	J38	192	184.466	0.091	9.1	0.1028	0.0000	OK
360 minute winter	J39	192	184.429	0.091	9.6	0.1026	0.0000	OK
360 minute winter	J40	192	184.403	0.078	10.0	0.0885	0.0000	OK
360 minute winter	J41	208	184.622	0.025	0.8	0.0283	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J27	23.011	S4	5.3	0.580	0.178	0.0951
360 minute winter	J28	32.001	J29	1.5	0.557	0.260	0.0244
360 minute winter	J29	32.002	S12	1.9	0.647	0.318	0.0136
360 minute winter	J30	32.004	J31	2.8	0.519	0.209	0.0266
360 minute winter	J31	32.005	J32	3.2	0.567	0.243	0.0555
360 minute winter	J32	32.006	S13	3.7	0.784	0.278	0.0253
360 minute winter	J33	32.008	S14	5.0	0.921	0.142	0.0503
360 minute winter	J34	32.010	J35	6.3	0.894	0.163	0.0642
360 minute winter	J35	32.011	J36	6.7	0.868	0.075	0.0536
360 minute winter	J36	32.012	S15	7.2	0.918	0.241	0.0190
360 minute winter	J37	32.014	S16	8.3	1.041	0.272	0.0422
360 minute winter	J38	32.016	J39	9.1	0.609	0.303	0.1621
360 minute winter	J39	32.017	J40	9.6	0.705	0.311	0.0498
360 minute winter	J40	32.018	S10	10.0	0.853	0.232	0.1121
360 minute winter	J41	48.002	J42	0.8	0.441	0.133	0.0111

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J42	200	184.568	0.031	1.2	0.0352	0.0000	OK
360 minute winter	J43	200	184.409	0.049	2.3	0.0553	0.0000	OK
360 minute winter	J44	200	184.397	0.047	2.8	0.0532	0.0000	OK
360 minute winter	J45	192	184.363	0.063	3.3	0.0709	0.0000	OK
360 minute winter	J46	192	184.340	0.068	4.5	0.0767	0.0000	OK
360 minute winter	J47	192	184.317	0.069	4.8	0.0783	0.0000	OK
360 minute winter	J48	192	184.232	0.078	6.0	0.0883	0.0000	OK
360 minute winter	J49	192	184.220	0.091	6.4	0.1025	0.0000	OK
360 minute winter	J50	200	184.212	0.087	6.9	0.0987	0.0000	OK
360 minute winter	J51	200	184.201	0.093	7.2	0.1047	0.0000	OK
360 minute winter	J52	200	184.191	0.087	7.9	0.0985	0.0000	OK
360 minute winter	J53	200	184.171	0.084	8.2	0.0945	0.0000	OK
360 minute winter	J54	192	185.009	0.030	1.0	0.0339	0.0000	OK
360 minute winter	J55	200	184.979	0.035	1.5	0.0400	0.0000	OK
360 minute winter	J56	192	184.072	0.105	11.9	0.1182	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J42	48.003	S21	1.2	0.493	0.210	0.0209
360 minute winter	J43	48.005	J44	2.4	0.485	0.168	0.0078
360 minute winter	J44	48.006	J45	2.8	0.483	0.210	0.0512
360 minute winter	J45	48.007	S22	3.3	0.447	0.241	0.0176
360 minute winter	J46	48.009	J47	4.5	0.569	0.334	0.0330
360 minute winter	J47	48.010	S23	4.8	0.651	0.362	0.0196
360 minute winter	J48	48.012	J49	6.0	0.440	0.200	0.1012
360 minute winter	J49	48.013	J50	6.4	0.440	0.209	0.0166
360 minute winter	J50	48.014	J51	6.9	0.464	0.230	0.0751
360 minute winter	J51	48.015	J52	7.2	0.490	0.236	0.0168
360 minute winter	J52	48.016	J53	7.9	0.570	0.258	0.0672
360 minute winter	J53	48.017	S24	8.2	0.667	0.273	0.1268
360 minute winter	J54	65.002	J55	1.0	0.462	0.173	0.0081
360 minute winter	J55	65.003	S24	1.5	0.613	0.251	0.0190
360 minute winter	J56	48.019	J57	11.9	0.544	0.219	0.1978

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Results for 30 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J57	200	184.049	0.104	12.2	0.1179	0.0000	OK
360 minute winter	BASIN 1	360	185.993	0.993	16.3	131.4043	0.0000	SURCHARGED
360 minute winter	BASIN 2	600	184.642	0.342	1.4	32.5469	0.0000	OK
360 minute winter	BASIN 3	384	183.233	0.133	11.1	93.3400	0.0000	OK
360 minute winter	BASIN 4	384	184.039	0.709	12.2	101.3245	0.0000	SURCHARGED
360 minute winter	SWALE 1	360	184.965	0.033	1.4	0.0377	0.0000	OK
360 minute winter	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
360 minute winter	SWALE 3	192	184.152	0.082	11.1	0.0928	0.0000	OK
360 minute winter	BH1	600	184.642	0.565	0.7	2.4410	0.0000	OK
360 minute winter	BH2	392	183.233	0.181	1.8	2.5073	0.0000	OK
360 minute winter	BH3	384	184.039	0.733	1.7	5.0242	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J57	48.020	S25	12.2	0.588	0.226	0.1698
360 minute winter	BASIN 1	1.023	S5	1.4	0.134	0.026	0.6013
360 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
360 minute winter	BASIN 2	71.000	BH1	0.7	0.423	0.115	0.1829
360 minute winter	BASIN 3	1.034	BH2	1.8	0.270	0.021	1.1872
360 minute winter	BASIN 4	48.022	BH3	1.7	0.472	0.031	0.7181
360 minute winter	SWALE 1	1.025	S6	1.4	0.326	0.026	0.1618
360 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
360 minute winter	SWALE 3	1.033	BASIN 3	11.1	0.727	0.160	0.6585
360 minute winter	BH1	Infiltration		0.1			
360 minute winter	BH2	Infiltration		0.2			
360 minute winter	BH3	Infiltration		0.2			

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S1	248	188.388	0.018	0.6	0.0241	0.0000	OK
480 minute summer	S2	248	187.120	0.081	7.4	0.1196	0.0000	OK
480 minute summer	S3	248	186.299	0.087	10.6	0.1125	0.0000	OK
480 minute summer	S4	448	185.917	0.539	17.3	0.6399	0.0000	SURCHARGED
480 minute summer	S5	448	185.916	0.936	1.4	1.0588	0.0000	SURCHARGED
480 minute summer	S6	448	184.877	0.033	1.3	0.0376	0.0000	OK
480 minute summer	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
480 minute summer	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
480 minute summer	S9	248	184.240	0.040	0.0	0.0456	0.0000	OK
480 minute summer	S10	248	184.240	0.056	11.5	0.0860	0.0000	OK
480 minute summer	S11	248	186.434	0.034	1.3	0.0548	0.0000	OK
480 minute summer	S12	248	186.223	0.047	2.5	0.0532	0.0000	OK
480 minute summer	S13	248	186.074	0.040	4.7	0.0567	0.0000	OK
480 minute summer	S14	248	185.319	0.069	6.4	0.1085	0.0000	OK
480 minute summer	S15	248	184.912	0.045	8.2	0.0630	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	S1	1.000	J1	0.6	0.418	0.069	0.0121
480 minute summer	S2	1.012	J12	7.4	0.635	0.249	0.0175
480 minute summer	S3	1.019	J18	10.6	0.985	0.348	0.0559
480 minute summer	S4	1.022	BASIN 1	16.9	0.925	0.101	1.1778
480 minute summer	S5	1.024	SWALE 1	1.3	0.323	0.025	0.0843
480 minute summer	S6	1.026	BASIN 2	1.3	0.365	0.025	0.0211
480 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
480 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0338
480 minute summer	S9	1.031	S10	0.0	-0.015	0.000	0.0493
480 minute summer	S10	1.032	SWALE 3	11.4	0.922	0.064	0.0546
480 minute summer	S11	32.000	J28	1.3	0.527	0.219	0.0112
480 minute summer	S12	32.003	J30	2.5	0.489	0.184	0.0256
480 minute summer	S13	32.007	J33	4.7	1.273	0.145	0.0479
480 minute summer	S14	32.009	J34	6.4	0.860	0.371	0.0392
480 minute summer	S15	32.013	J37	8.2	0.941	0.089	0.0826

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S16	248	184.597	0.040	9.0	0.0507	0.0000	OK
480 minute summer	S17	272	186.015	0.014	0.3	0.0164	0.0000	OK
480 minute summer	S18	480	185.937	0.276	2.8	0.3901	0.0000	SURCHARGED
480 minute summer	S19	472	185.931	0.440	5.1	0.6029	0.0000	SURCHARGED
480 minute summer	S20	248	184.669	0.027	0.9	0.0326	0.0000	OK
480 minute summer	S21	248	184.500	0.041	1.9	0.0489	0.0000	OK
480 minute summer	S22	256	184.354	0.068	4.0	0.0826	0.0000	OK
480 minute summer	S23	256	184.240	0.082	5.5	0.0964	0.0000	OK
480 minute summer	S24	256	184.085	0.108	11.6	0.1573	0.0000	OK
480 minute summer	S25	256	184.024	0.098	12.2	0.1103	0.0000	OK
480 minute summer	S26	256	185.395	0.018	0.6	0.0215	0.0000	OK
480 minute summer	FC1	256	188.452	0.202	0.5	0.2692	0.0000	SURCHARGED
480 minute summer	FC2	256	188.353	0.203	0.5	0.2696	0.0000	SURCHARGED
480 minute summer	FC3	256	188.640	0.440	0.8	0.6377	0.0000	SURCHARGED
480 minute summer	FC4	256	188.357	0.157	0.4	0.2032	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	S16	32.015	J38	9.0	0.925	0.061	0.0233
480 minute summer	S17	23.001	J20	0.3	0.307	0.045	0.0073
480 minute summer	S18	23.006	J24	2.8	0.489	0.202	0.0323
480 minute summer	S19	23.010	J27	5.1	0.506	0.171	0.3541
480 minute summer	S20	48.001	J41	0.9	0.520	0.145	0.0077
480 minute summer	S21	48.004	J43	1.9	0.648	0.321	0.0150
480 minute summer	S22	48.008	J46	4.0	0.525	0.301	0.0187
480 minute summer	S23	48.011	J48	5.5	0.441	0.179	0.0141
480 minute summer	S24	48.018	J56	11.6	0.518	0.216	0.0948
480 minute summer	S25	48.021	BASIN 4	12.2	0.684	0.221	0.0571
480 minute summer	S26	65.001	J54	0.6	0.624	0.066	0.0079
480 minute summer	FC1	2.000	J1	0.4	0.333	0.070	0.0070
480 minute summer	FC2	3.000	J2	0.4	0.217	0.073	0.0103
480 minute summer	FC3	4.000	J3	0.7	0.518	0.103	0.0118
480 minute summer	FC4	5.000	J4	0.4	0.500	0.050	0.0056

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC5	256	188.203	0.203	0.5	0.2703	0.0000	SURCHARGED
480 minute summer	FC6	256	188.007	0.157	0.4	0.2021	0.0000	SURCHARGED
480 minute summer	FC7	256	187.908	0.158	0.4	0.2038	0.0000	SURCHARGED
480 minute summer	FC8	256	187.949	0.199	0.5	0.2654	0.0000	SURCHARGED
480 minute summer	FC9	256	187.629	0.159	0.4	0.2056	0.0000	SURCHARGED
480 minute summer	FC10	256	187.827	0.357	0.7	0.5037	0.0000	SURCHARGED
480 minute summer	FC11	256	187.518	0.198	0.5	0.2598	0.0000	SURCHARGED
480 minute summer	FC12	256	187.428	0.198	0.5	0.2599	0.0000	SURCHARGED
480 minute summer	FC13	256	187.203	0.203	0.5	0.2701	0.0000	SURCHARGED
480 minute summer	FC14	280	186.989	0.088	0.5	1.1315	0.0000	OK
480 minute summer	FC15	256	187.354	0.154	0.4	0.1986	0.0000	SURCHARGED
480 minute summer	FC16	256	187.059	0.159	0.4	0.2047	0.0000	SURCHARGED
480 minute summer	FC17	256	187.155	0.155	0.4	0.1995	0.0000	SURCHARGED
480 minute summer	FC18	256	186.709	0.159	0.4	0.2057	0.0000	SURCHARGED
480 minute summer	FC19	256	186.603	0.203	0.5	0.2702	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC5	6.000	J5	0.4	0.433	0.073	0.0042
480 minute summer	FC6	7.000	J6	0.4	0.549	0.044	0.0051
480 minute summer	FC7	8.000	J7	0.4	0.477	0.054	0.0058
480 minute summer	FC8	9.000	J8	0.4	0.613	0.045	0.0030
480 minute summer	FC9	10.000	J9	0.4	0.421	0.064	0.0065
480 minute summer	FC10	11.000	J10	0.6	0.514	0.088	0.0071
480 minute summer	FC11	12.000	J11	0.4	0.434	0.073	0.0077
480 minute summer	FC12	13.000	S2	0.4	0.434	0.073	0.0068
480 minute summer	FC13	14.000	J12	0.4	0.437	0.073	0.0068
480 minute summer	FC14	15.000	J13	0.3	0.383	0.046	0.0054
480 minute summer	FC15	16.000	J14	0.4	0.888	0.022	0.0020
480 minute summer	FC16	17.000	J15	0.4	0.447	0.059	0.0065
480 minute summer	FC17	18.000	J16	0.4	0.707	0.030	0.0026
480 minute summer	FC18	19.000	J17	0.4	0.419	0.064	0.0064
480 minute summer	FC19	20.000	S3	0.4	0.434	0.074	0.0066

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC20	256	187.147	0.197	0.5	0.2620	0.0000	SURCHARGED
480 minute summer	FC21	256	186.503	0.203	0.5	0.2701	0.0000	SURCHARGED
480 minute summer	FC22	272	186.531	0.081	0.4	0.7892	0.0000	OK
480 minute summer	FC23	256	186.459	0.159	0.4	0.2052	0.0000	SURCHARGED
480 minute summer	FC24	256	186.501	0.201	0.5	0.2678	0.0000	SURCHARGED
480 minute summer	FC25	256	186.747	0.197	0.5	0.2620	0.0000	SURCHARGED
480 minute summer	FC26	272	186.530	0.080	0.4	0.8070	0.0000	OK
480 minute summer	FC27	256	186.654	0.154	0.4	0.1986	0.0000	SURCHARGED
480 minute summer	FC28	256	186.697	0.197	0.5	0.2620	0.0000	SURCHARGED
480 minute summer	FC29	256	186.768	0.268	0.6	0.3616	0.0000	SURCHARGED
480 minute summer	FC30	256	186.947	0.197	0.5	0.2625	0.0000	SURCHARGED
480 minute summer	FC31	256	186.606	0.156	0.4	0.2015	0.0000	SURCHARGED
480 minute summer	FC32	256	186.604	0.154	0.4	0.1993	0.0000	SURCHARGED
480 minute summer	FC33	256	186.647	0.197	0.5	0.2626	0.0000	SURCHARGED
480 minute summer	FC34	256	186.653	0.203	0.5	0.2698	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC20	21.000	J18	0.4	0.872	0.027	0.0022
480 minute summer	FC21	22.000	J19	0.4	0.435	0.074	0.0076
480 minute summer	FC22	23.000	S17	0.3	0.541	0.014	0.0024
480 minute summer	FC23	24.000	J20	0.4	0.436	0.060	0.0040
480 minute summer	FC24	25.000	J21	0.4	0.508	0.058	0.0040
480 minute summer	FC25	26.000	J22	0.4	0.865	0.027	0.0024
480 minute summer	FC26	27.000	J23	0.3	0.661	0.020	0.0019
480 minute summer	FC27	28.000	J24	0.4	0.917	0.021	0.0019
480 minute summer	FC28	29.000	J25	0.4	0.870	0.027	0.0022
480 minute summer	FC29	30.000	J26	0.5	0.888	0.033	0.0027
480 minute summer	FC30	31.000	J27	0.4	0.813	0.030	0.0024
480 minute summer	FC31	33.000	J28	0.4	0.270	0.042	0.0070
480 minute summer	FC32	34.000	J29	0.4	0.237	0.030	0.0078
480 minute summer	FC33	35.000	S12	0.4	0.799	0.031	0.0022
480 minute summer	FC34	36.000	J30	0.4	0.447	0.070	0.0046

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC35	256	186.647	0.197	0.5	0.2625	0.0000	SURCHARGED
480 minute summer	FC36	256	186.718	0.268	0.6	0.3615	0.0000	SURCHARGED
480 minute summer	FC37	256	186.151	0.351	0.7	0.4877	0.0000	SURCHARGED
480 minute summer	FC38	272	185.524	0.074	0.4	0.8864	0.0000	OK
480 minute summer	FC39	256	185.604	0.154	0.4	0.1988	0.0000	SURCHARGED
480 minute summer	FC40	256	185.697	0.197	0.5	0.2616	0.0000	SURCHARGED
480 minute summer	FC41	256	185.049	0.199	0.5	0.2647	0.0000	SURCHARGED
480 minute summer	FC42	256	184.800	0.200	0.5	0.2664	0.0000	SURCHARGED
480 minute summer	FC43	256	184.799	0.199	0.5	0.2645	0.0000	SURCHARGED
480 minute summer	FC44	240	184.613	0.013	0.4	0.0171	0.0000	OK
480 minute summer	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
480 minute summer	FC46	256	185.058	0.358	0.7	0.5046	0.0000	SURCHARGED
480 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute summer	FC48	256	184.997	0.197	0.5	0.2625	0.0000	SURCHARGED
480 minute summer	FC49	256	185.003	0.203	0.5	0.2703	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC35	37.000	J31	0.4	0.804	0.031	0.0028
480 minute summer	FC36	38.000	J32	0.5	0.905	0.032	0.0028
480 minute summer	FC37	39.000	J33	0.6	0.629	0.066	0.0061
480 minute summer	FC38	40.000	J34	0.3	0.626	0.020	0.0019
480 minute summer	FC39	41.000	J35	0.4	0.780	0.026	0.0022
480 minute summer	FC40	42.000	J36	0.4	0.990	0.023	0.0022
480 minute summer	FC41	43.000	J37	0.4	0.649	0.041	0.0034
480 minute summer	FC42	44.000	J38	0.4	0.566	0.050	0.0038
480 minute summer	FC43	45.000	J39	0.4	0.661	0.040	0.0029
480 minute summer	FC44	46.000	J40	0.4	0.664	0.036	0.0026
480 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
480 minute summer	FC46	48.000	S20	0.6	0.425	0.099	0.0086
480 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0043
480 minute summer	FC48	50.000	J42	0.4	0.350	0.031	0.0067
480 minute summer	FC49	51.000	S21	0.4	0.433	0.073	0.0044

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC50	256	185.003	0.203	0.5	0.2703	0.0000	SURCHARGED
480 minute summer	FC51	256	185.053	0.203	0.5	0.2702	0.0000	SURCHARGED
480 minute summer	FC52	256	185.526	0.276	0.6	0.3786	0.0000	SURCHARGED
480 minute summer	FC53	256	185.450	0.200	0.5	0.2658	0.0000	SURCHARGED
480 minute summer	FC54	256	185.405	0.155	0.4	0.2006	0.0000	SURCHARGED
480 minute summer	FC55	256	185.404	0.154	0.4	0.1987	0.0000	SURCHARGED
480 minute summer	FC56	256	185.547	0.197	0.5	0.2621	0.0000	SURCHARGED
480 minute summer	FC57	256	185.547	0.197	0.5	0.2625	0.0000	SURCHARGED
480 minute summer	FC58	256	185.504	0.154	0.4	0.1991	0.0000	SURCHARGED
480 minute summer	FC59	256	185.505	0.155	0.4	0.1997	0.0000	SURCHARGED
480 minute summer	FC60	256	185.548	0.198	0.5	0.2637	0.0000	SURCHARGED
480 minute summer	FC61	256	185.500	0.200	0.5	0.2662	0.0000	SURCHARGED
480 minute summer	FC62	256	185.689	0.439	0.8	0.6287	0.0000	SURCHARGED
480 minute summer	FC63	256	185.560	0.160	0.4	0.2062	0.0000	SURCHARGED
480 minute summer	FC64	256	185.203	0.203	0.5	0.2697	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC50	52.000	J43	0.4	0.433	0.073	0.0047
480 minute summer	FC51	55.000	S22	0.4	0.435	0.074	0.0061
480 minute summer	FC52	58.000	S23	0.5	0.664	0.051	0.0042
480 minute summer	FC53	61.000	J50	0.4	0.594	0.047	0.0031
480 minute summer	FC54	62.000	J51	0.4	0.634	0.035	0.0024
480 minute summer	FC55	64.000	J53	0.4	0.798	0.026	0.0020
480 minute summer	FC56	53.000	J44	0.4	0.855	0.028	0.0034
480 minute summer	FC57	54.000	J45	0.4	0.802	0.031	0.0035
480 minute summer	FC58	56.000	J46	0.4	0.742	0.028	0.0032
480 minute summer	FC59	57.000	J47	0.4	0.688	0.032	0.0035
480 minute summer	FC60	59.000	J48	0.4	0.709	0.037	0.0041
480 minute summer	FC61	60.000	J49	0.4	0.570	0.050	0.0056
480 minute summer	FC62	63.000	J52	0.7	0.590	0.085	0.0104
480 minute summer	FC63	65.000	S26	0.4	0.410	0.064	0.0023
480 minute summer	FC64	66.000	J54	0.4	0.306	0.074	0.0032

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC65	256	185.347	0.197	0.5	0.2616	0.0000	SURCHARGED
480 minute summer	FC66	256	185.202	0.202	0.5	0.2687	0.0000	SURCHARGED
480 minute summer	FC67	272	184.881	0.081	0.4	0.8325	0.0000	OK
480 minute summer	FC68	256	184.707	0.157	0.4	0.2023	0.0000	SURCHARGED
480 minute summer	J1	248	188.230	0.030	1.6	0.0411	0.0000	OK
480 minute summer	J2	248	188.153	0.046	2.0	0.0525	0.0000	OK
480 minute summer	J3	248	188.092	0.046	2.7	0.0521	0.0000	OK
480 minute summer	J4	248	188.068	0.033	3.0	0.0372	0.0000	OK
480 minute summer	J5	248	187.941	0.031	3.5	0.0345	0.0000	OK
480 minute summer	J6	248	187.694	0.044	3.8	0.0503	0.0000	OK
480 minute summer	J7	248	187.657	0.057	4.2	0.0648	0.0000	OK
480 minute summer	J8	248	187.634	0.041	4.6	0.0469	0.0000	OK
480 minute summer	J9	248	187.333	0.058	5.0	0.0658	0.0000	OK
480 minute summer	J10	256	187.304	0.034	5.5	0.0380	0.0000	OK
480 minute summer	J11	256	187.170	0.049	6.0	0.0554	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC65	67.000	J55	0.4	0.326	0.023	0.0032
480 minute summer	FC66	68.000	S24	0.4	0.487	0.060	0.0019
480 minute summer	FC67	69.000	J56	0.3	0.367	0.044	0.0015
480 minute summer	FC68	70.000	J57	0.4	0.551	0.042	0.0016
480 minute summer	J1	1.001	J2	1.6	0.587	0.196	0.0140
480 minute summer	J2	1.002	J3	2.0	0.627	0.346	0.0034
480 minute summer	J3	1.003	J4	2.7	0.722	0.201	0.0072
480 minute summer	J4	1.004	J5	3.0	1.120	0.090	0.0096
480 minute summer	J5	1.005	J6	3.5	1.006	0.090	0.0196
480 minute summer	J6	1.006	J7	3.8	0.726	0.134	0.0104
480 minute summer	J7	1.007	J8	4.2	0.828	0.300	0.0057
480 minute summer	J8	1.008	J9	4.6	1.201	0.152	0.0324
480 minute summer	J9	1.009	J10	5.0	0.858	0.149	0.0071
480 minute summer	J10	1.010	J11	5.6	1.123	0.043	0.0123
480 minute summer	J11	1.011	S2	6.0	0.634	0.093	0.0514

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J12	248	186.863	0.054	7.9	0.0607	0.0000	OK
480 minute summer	J13	248	186.798	0.096	8.1	0.1084	0.0000	OK
480 minute summer	J14	248	186.786	0.091	8.5	0.1033	0.0000	OK
480 minute summer	J15	248	186.770	0.082	8.8	0.0932	0.0000	OK
480 minute summer	J16	256	186.737	0.067	9.2	0.0762	0.0000	OK
480 minute summer	J17	256	186.402	0.044	9.6	0.0501	0.0000	OK
480 minute summer	J18	248	186.250	0.056	11.1	0.0636	0.0000	OK
480 minute summer	J19	256	186.122	0.095	11.5	0.1071	0.0000	OK
480 minute summer	J20	264	185.954	0.023	0.6	0.0258	0.0000	OK
480 minute summer	J21	480	185.937	0.042	1.1	0.0473	0.0000	OK
480 minute summer	J22	480	185.937	0.119	1.5	0.1344	0.0000	SURCHARGED
480 minute summer	J23	480	185.937	0.154	1.8	0.1740	0.0000	SURCHARGED
480 minute summer	J24	480	185.937	0.287	3.1	0.3244	0.0000	SURCHARGED
480 minute summer	J25	480	185.937	0.321	3.6	0.3636	0.0000	SURCHARGED
480 minute summer	J26	480	185.938	0.351	4.1	0.3973	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J12	1.013	J13	7.9	0.683	0.117	0.0755
480 minute summer	J13	1.014	J14	8.1	0.518	0.258	0.0296
480 minute summer	J14	1.015	J15	8.4	0.598	0.271	0.0271
480 minute summer	J15	1.016	J16	8.8	0.763	0.288	0.0593
480 minute summer	J16	1.017	J17	9.2	1.007	0.153	0.0307
480 minute summer	J17	1.018	S3	9.6	1.002	0.066	0.0184
480 minute summer	J18	1.020	J19	11.1	1.678	0.085	0.0099
480 minute summer	J19	1.021	S4	11.5	0.671	0.208	0.0754
480 minute summer	J20	23.002	J21	0.6	0.398	0.108	0.0062
480 minute summer	J21	23.003	J22	1.1	0.475	0.180	0.0438
480 minute summer	J22	23.004	J23	1.5	0.552	0.252	0.0281
480 minute summer	J23	23.005	S18	1.8	0.641	0.296	0.0587
480 minute summer	J24	23.007	J25	3.1	0.526	0.236	0.1088
480 minute summer	J25	23.008	J26	3.6	0.541	0.268	0.0874
480 minute summer	J26	23.009	S19	4.0	0.629	0.304	0.0652

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J27	480	185.955	0.494	5.6	0.5582	0.0000	SURCHARGED
480 minute summer	J28	248	186.393	0.037	1.7	0.0420	0.0000	OK
480 minute summer	J29	248	186.314	0.043	2.0	0.0487	0.0000	OK
480 minute summer	J30	248	186.199	0.052	2.9	0.0583	0.0000	OK
480 minute summer	J31	248	186.172	0.053	3.3	0.0601	0.0000	OK
480 minute summer	J32	248	186.120	0.056	3.8	0.0636	0.0000	OK
480 minute summer	J33	248	185.649	0.039	5.2	0.0441	0.0000	OK
480 minute summer	J34	248	185.191	0.065	6.7	0.0740	0.0000	OK
480 minute summer	J35	248	185.118	0.043	7.0	0.0482	0.0000	OK
480 minute summer	J36	248	184.947	0.072	7.4	0.0819	0.0000	OK
480 minute summer	J37	248	184.652	0.077	8.6	0.0873	0.0000	OK
480 minute summer	J38	248	184.468	0.093	9.4	0.1047	0.0000	OK
480 minute summer	J39	248	184.430	0.092	9.9	0.1042	0.0000	OK
480 minute summer	J40	248	184.404	0.079	10.3	0.0898	0.0000	OK
480 minute summer	J41	248	184.623	0.026	0.9	0.0296	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J27	23.011	S4	5.6	0.587	0.186	0.0951
480 minute summer	J28	32.001	J29	1.7	0.569	0.281	0.0259
480 minute summer	J29	32.002	S12	2.0	0.659	0.343	0.0144
480 minute summer	J30	32.004	J31	2.9	0.527	0.217	0.0272
480 minute summer	J31	32.005	J32	3.3	0.569	0.249	0.0565
480 minute summer	J32	32.006	S13	3.8	0.788	0.285	0.0259
480 minute summer	J33	32.008	S14	5.2	0.919	0.147	0.0524
480 minute summer	J34	32.010	J35	6.6	0.910	0.172	0.0667
480 minute summer	J35	32.011	J36	7.0	0.879	0.079	0.0557
480 minute summer	J36	32.012	S15	7.4	0.916	0.246	0.0198
480 minute summer	J37	32.014	S16	8.6	1.052	0.284	0.0436
480 minute summer	J38	32.016	J39	9.4	0.615	0.313	0.1659
480 minute summer	J39	32.017	J40	9.9	0.710	0.320	0.0508
480 minute summer	J40	32.018	S10	10.3	0.859	0.238	0.1143
480 minute summer	J41	48.002	J42	0.9	0.456	0.145	0.0117

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J42	248	184.569	0.032	1.3	0.0360	0.0000	OK
480 minute summer	J43	248	184.408	0.048	2.3	0.0547	0.0000	OK
480 minute summer	J44	256	184.397	0.046	2.8	0.0525	0.0000	OK
480 minute summer	J45	256	184.362	0.062	3.2	0.0703	0.0000	OK
480 minute summer	J46	256	184.339	0.067	4.4	0.0763	0.0000	OK
480 minute summer	J47	256	184.317	0.069	4.8	0.0781	0.0000	OK
480 minute summer	J48	256	184.232	0.078	6.0	0.0882	0.0000	OK
480 minute summer	J49	256	184.220	0.091	6.4	0.1025	0.0000	OK
480 minute summer	J50	256	184.212	0.087	6.8	0.0987	0.0000	OK
480 minute summer	J51	256	184.201	0.093	7.2	0.1049	0.0000	OK
480 minute summer	J52	256	184.191	0.087	7.9	0.0987	0.0000	OK
480 minute summer	J53	256	184.171	0.084	8.3	0.0948	0.0000	OK
480 minute summer	J54	256	185.009	0.030	1.0	0.0337	0.0000	OK
480 minute summer	J55	256	184.979	0.035	1.4	0.0396	0.0000	OK
480 minute summer	J56	256	184.071	0.104	11.8	0.1181	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J42	48.003	S21	1.3	0.495	0.217	0.0212
480 minute summer	J43	48.005	J44	2.3	0.486	0.166	0.0077
480 minute summer	J44	48.006	J45	2.8	0.481	0.206	0.0506
480 minute summer	J45	48.007	S22	3.2	0.442	0.236	0.0174
480 minute summer	J46	48.009	J47	4.4	0.567	0.331	0.0328
480 minute summer	J47	48.010	S23	4.8	0.651	0.360	0.0195
480 minute summer	J48	48.012	J49	6.0	0.441	0.199	0.1011
480 minute summer	J49	48.013	J50	6.4	0.440	0.209	0.0165
480 minute summer	J50	48.014	J51	6.8	0.462	0.229	0.0751
480 minute summer	J51	48.015	J52	7.2	0.488	0.236	0.0168
480 minute summer	J52	48.016	J53	7.9	0.570	0.258	0.0674
480 minute summer	J53	48.017	S24	8.3	0.667	0.274	0.1272
480 minute summer	J54	65.002	J55	1.0	0.462	0.171	0.0080
480 minute summer	J55	65.003	S24	1.4	0.609	0.246	0.0187
480 minute summer	J56	48.019	J57	11.8	0.543	0.218	0.1976

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Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J57	256	184.049	0.104	12.2	0.1178	0.0000	OK
480 minute summer	BASIN 1	448	185.916	0.916	16.9	119.4515	0.0000	SURCHARGED
480 minute summer	BASIN 2	720	184.677	0.377	1.3	36.2430	0.0000	OK
480 minute summer	BASIN 3	504	183.227	0.127	11.4	88.4858	0.0000	OK
480 minute summer	BASIN 4	496	183.998	0.668	12.2	94.8567	0.0000	SURCHARGED
480 minute summer	SWALE 1	448	184.965	0.033	1.3	0.0369	0.0000	OK
480 minute summer	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWALE 3	248	184.153	0.083	11.4	0.0942	0.0000	OK
480 minute summer	BH1	720	184.677	0.600	0.5	2.5426	0.0000	OK
480 minute summer	BH2	504	183.227	0.175	1.4	2.4733	0.0000	OK
480 minute summer	BH3	496	183.998	0.692	1.4	4.8365	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J57	48.020	S25	12.2	0.588	0.226	0.1644
480 minute summer	BASIN 1	1.023	S5	1.4	0.114	0.025	0.6013
480 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
480 minute summer	BASIN 2	71.000	BH1	0.5	0.392	0.092	0.1829
480 minute summer	BASIN 3	1.034	BH2	1.4	0.259	0.017	1.1197
480 minute summer	BASIN 4	48.022	BH3	1.4	0.402	0.026	0.7181
480 minute summer	SWALE 1	1.025	S6	1.3	0.322	0.025	0.1573
480 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
480 minute summer	SWALE 3	1.033	BASIN 3	11.4	0.733	0.164	0.6719
480 minute summer	BH1	Infiltration		0.1			
480 minute summer	BH2	Infiltration		0.2			
480 minute summer	BH3	Infiltration		0.2			

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S1	224	188.385	0.015	0.4	0.0198	0.0000	OK
480 minute winter	S2	256	187.111	0.072	6.0	0.1065	0.0000	OK
480 minute winter	S3	256	186.290	0.078	8.7	0.1014	0.0000	OK
480 minute winter	S4	456	186.040	0.662	13.8	0.7859	0.0000	SURCHARGED
480 minute winter	S5	472	186.043	1.063	1.4	1.2019	0.0000	SURCHARGED
480 minute winter	S6	472	184.878	0.034	1.4	0.0387	0.0000	OK
480 minute winter	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
480 minute winter	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
480 minute winter	S9	256	184.233	0.033	0.0	0.0376	0.0000	OK
480 minute winter	S10	256	184.233	0.049	9.1	0.0752	0.0000	OK
480 minute winter	S11	264	186.427	0.027	0.9	0.0447	0.0000	OK
480 minute winter	S12	264	186.217	0.040	1.9	0.0458	0.0000	OK
480 minute winter	S13	264	186.069	0.035	3.7	0.0499	0.0000	OK
480 minute winter	S14	248	185.310	0.060	5.0	0.0935	0.0000	OK
480 minute winter	S15	248	184.907	0.040	6.7	0.0561	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	S1	1.000	J1	0.4	0.369	0.046	0.0094
480 minute winter	S2	1.012	J12	6.0	0.598	0.200	0.0149
480 minute winter	S3	1.019	J18	8.7	0.936	0.284	0.0481
480 minute winter	S4	1.022	BASIN 1	13.5	1.140	0.081	1.1778
480 minute winter	S5	1.024	SWALE 1	1.4	0.329	0.027	0.0883
480 minute winter	S6	1.026	BASIN 2	1.4	0.374	0.026	0.0220
480 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
480 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0254
480 minute winter	S9	1.031	S10	0.0	-0.014	0.000	0.0393
480 minute winter	S10	1.032	SWALE 3	9.1	0.875	0.051	0.0459
480 minute winter	S11	32.000	J28	0.9	0.479	0.151	0.0086
480 minute winter	S12	32.003	J30	1.9	0.456	0.142	0.0211
480 minute winter	S13	32.007	J33	3.7	1.185	0.114	0.0403
480 minute winter	S14	32.009	J34	5.0	0.807	0.287	0.0324
480 minute winter	S15	32.013	J37	6.4	0.872	0.070	0.0702

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S16	248	184.592	0.035	7.1	0.0437	0.0000	OK
480 minute winter	S17	472	186.046	0.046	0.2	0.0522	0.0000	OK
480 minute winter	S18	472	186.045	0.384	2.3	0.5432	0.0000	SURCHARGED
480 minute winter	S19	472	186.046	0.555	4.2	0.7605	0.0000	SURCHARGED
480 minute winter	S20	272	184.666	0.024	0.7	0.0291	0.0000	OK
480 minute winter	S21	248	184.497	0.038	1.6	0.0449	0.0000	OK
480 minute winter	S22	248	184.347	0.061	3.5	0.0748	0.0000	OK
480 minute winter	S23	256	184.232	0.074	4.7	0.0870	0.0000	OK
480 minute winter	S24	488	184.098	0.121	9.8	0.1762	0.0000	OK
480 minute winter	S25	488	184.098	0.172	10.3	0.1949	0.0000	OK
480 minute winter	S26	248	185.393	0.016	0.5	0.0199	0.0000	OK
480 minute winter	FC1	264	188.418	0.168	0.4	0.2238	0.0000	SURCHARGED
480 minute winter	FC2	264	188.319	0.168	0.4	0.2242	0.0000	SURCHARGED
480 minute winter	FC3	264	188.543	0.343	0.6	0.4983	0.0000	SURCHARGED
480 minute winter	FC4	272	188.302	0.101	0.3	0.1310	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	S16	32.015	J38	7.2	0.886	0.049	0.0194
480 minute winter	S17	23.001	J20	0.2	0.298	0.042	0.0406
480 minute winter	S18	23.006	J24	2.3	0.473	0.170	0.0323
480 minute winter	S19	23.010	J27	4.0	0.473	0.135	0.3541
480 minute winter	S20	48.001	J41	0.7	0.492	0.116	0.0065
480 minute winter	S21	48.004	J43	1.6	0.624	0.277	0.0134
480 minute winter	S22	48.008	J46	3.5	0.513	0.258	0.0164
480 minute winter	S23	48.011	J48	4.7	0.430	0.152	0.0122
480 minute winter	S24	48.018	J56	9.8	0.499	0.183	0.1196
480 minute winter	S25	48.021	BASIN 4	10.3	0.652	0.187	0.1375
480 minute winter	S26	65.001	J54	0.5	0.596	0.057	0.0071
480 minute winter	FC1	2.000	J1	0.4	0.322	0.063	0.0059
480 minute winter	FC2	3.000	J2	0.4	0.211	0.066	0.0087
480 minute winter	FC3	4.000	J3	0.6	0.499	0.090	0.0108
480 minute winter	FC4	5.000	J4	0.3	0.465	0.039	0.0047

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC5	264	188.169	0.169	0.4	0.2249	0.0000	SURCHARGED
480 minute winter	FC6	272	187.951	0.101	0.3	0.1299	0.0000	SURCHARGED
480 minute winter	FC7	272	187.852	0.102	0.3	0.1316	0.0000	SURCHARGED
480 minute winter	FC8	264	187.915	0.165	0.4	0.2200	0.0000	SURCHARGED
480 minute winter	FC9	272	187.573	0.103	0.3	0.1332	0.0000	SURCHARGED
480 minute winter	FC10	272	187.726	0.256	0.5	0.3614	0.0000	SURCHARGED
480 minute winter	FC11	288	187.424	0.104	0.3	0.1359	0.0000	SURCHARGED
480 minute winter	FC12	288	187.334	0.104	0.3	0.1359	0.0000	SURCHARGED
480 minute winter	FC13	264	187.169	0.169	0.4	0.2247	0.0000	SURCHARGED
480 minute winter	FC14	296	186.991	0.090	0.4	1.1574	0.0000	OK
480 minute winter	FC15	272	187.299	0.099	0.3	0.1275	0.0000	OK
480 minute winter	FC16	272	187.003	0.103	0.3	0.1324	0.0000	SURCHARGED
480 minute winter	FC17	272	187.099	0.099	0.3	0.1275	0.0000	OK
480 minute winter	FC18	272	186.653	0.103	0.3	0.1333	0.0000	SURCHARGED
480 minute winter	FC19	264	186.569	0.169	0.4	0.2248	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC5	6.000	J5	0.4	0.420	0.066	0.0039
480 minute winter	FC6	7.000	J6	0.3	0.511	0.034	0.0043
480 minute winter	FC7	8.000	J7	0.3	0.445	0.042	0.0049
480 minute winter	FC8	9.000	J8	0.4	0.595	0.040	0.0028
480 minute winter	FC9	10.000	J9	0.3	0.393	0.050	0.0055
480 minute winter	FC10	11.000	J10	0.5	0.488	0.074	0.0063
480 minute winter	FC11	12.000	J11	0.3	0.392	0.051	0.0059
480 minute winter	FC12	13.000	S2	0.3	0.392	0.051	0.0053
480 minute winter	FC13	14.000	J12	0.4	0.424	0.066	0.0063
480 minute winter	FC14	15.000	J13	0.3	0.384	0.047	0.0055
480 minute winter	FC15	16.000	J14	0.3	0.827	0.017	0.0017
480 minute winter	FC16	17.000	J15	0.3	0.417	0.046	0.0055
480 minute winter	FC17	18.000	J16	0.3	0.658	0.024	0.0022
480 minute winter	FC18	19.000	J17	0.3	0.391	0.051	0.0054
480 minute winter	FC19	20.000	S3	0.4	0.422	0.067	0.0061

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC20	264	187.113	0.163	0.4	0.2163	0.0000	SURCHARGED
480 minute winter	FC21	264	186.469	0.169	0.4	0.2247	0.0000	SURCHARGED
480 minute winter	FC22	280	186.520	0.070	0.3	0.6824	0.0000	OK
480 minute winter	FC23	272	186.403	0.103	0.3	0.1328	0.0000	SURCHARGED
480 minute winter	FC24	264	186.467	0.167	0.4	0.2224	0.0000	SURCHARGED
480 minute winter	FC25	264	186.713	0.163	0.4	0.2164	0.0000	SURCHARGED
480 minute winter	FC26	280	186.519	0.069	0.3	0.7012	0.0000	OK
480 minute winter	FC27	272	186.599	0.099	0.3	0.1275	0.0000	OK
480 minute winter	FC28	264	186.663	0.163	0.4	0.2164	0.0000	SURCHARGED
480 minute winter	FC29	272	186.666	0.166	0.4	0.2240	0.0000	SURCHARGED
480 minute winter	FC30	264	186.913	0.163	0.4	0.2169	0.0000	SURCHARGED
480 minute winter	FC31	272	186.550	0.100	0.3	0.1294	0.0000	SURCHARGED
480 minute winter	FC32	272	186.549	0.099	0.3	0.1275	0.0000	OK
480 minute winter	FC33	264	186.613	0.163	0.4	0.2170	0.0000	SURCHARGED
480 minute winter	FC34	264	186.619	0.169	0.4	0.2244	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC20	21.000	J18	0.4	0.847	0.024	0.0020
480 minute winter	FC21	22.000	J19	0.4	0.423	0.067	0.0071
480 minute winter	FC22	23.000	S17	0.2	0.529	0.013	0.0086
480 minute winter	FC23	24.000	J20	0.3	0.407	0.047	0.0034
480 minute winter	FC24	25.000	J21	0.4	0.494	0.053	0.0037
480 minute winter	FC25	26.000	J22	0.4	0.840	0.025	0.0022
480 minute winter	FC26	27.000	J23	0.2	0.645	0.018	0.0017
480 minute winter	FC27	28.000	J24	0.3	0.855	0.016	0.0016
480 minute winter	FC28	29.000	J25	0.4	0.845	0.025	0.0020
480 minute winter	FC29	30.000	J26	0.4	0.824	0.026	0.0023
480 minute winter	FC30	31.000	J27	0.4	0.789	0.027	0.0022
480 minute winter	FC31	33.000	J28	0.3	0.249	0.033	0.0056
480 minute winter	FC32	34.000	J29	0.3	0.222	0.024	0.0062
480 minute winter	FC33	35.000	S12	0.4	0.776	0.028	0.0021
480 minute winter	FC34	36.000	J30	0.4	0.434	0.063	0.0043

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC35	264	186.613	0.163	0.4	0.2170	0.0000	SURCHARGED
480 minute winter	FC36	272	186.616	0.166	0.4	0.2238	0.0000	SURCHARGED
480 minute winter	FC37	264	186.047	0.246	0.5	0.3428	0.0000	SURCHARGED
480 minute winter	FC38	280	185.515	0.065	0.3	0.7873	0.0000	OK
480 minute winter	FC39	272	185.549	0.099	0.3	0.1275	0.0000	OK
480 minute winter	FC40	264	185.663	0.163	0.4	0.2163	0.0000	SURCHARGED
480 minute winter	FC41	264	185.015	0.165	0.4	0.2192	0.0000	SURCHARGED
480 minute winter	FC42	264	184.766	0.166	0.4	0.2210	0.0000	SURCHARGED
480 minute winter	FC43	264	184.765	0.165	0.4	0.2190	0.0000	SURCHARGED
480 minute winter	FC44	224	184.612	0.012	0.3	0.0149	0.0000	OK
480 minute winter	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
480 minute winter	FC46	272	184.957	0.257	0.5	0.3623	0.0000	SURCHARGED
480 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute winter	FC48	264	184.963	0.163	0.4	0.2169	0.0000	SURCHARGED
480 minute winter	FC49	264	184.969	0.169	0.4	0.2249	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC35	37.000	J31	0.4	0.780	0.028	0.0026
480 minute winter	FC36	38.000	J32	0.4	0.841	0.025	0.0024
480 minute winter	FC37	39.000	J33	0.5	0.597	0.055	0.0053
480 minute winter	FC38	40.000	J34	0.2	0.613	0.019	0.0018
480 minute winter	FC39	41.000	J35	0.3	0.726	0.021	0.0018
480 minute winter	FC40	42.000	J36	0.4	0.961	0.021	0.0021
480 minute winter	FC41	43.000	J37	0.4	0.630	0.037	0.0031
480 minute winter	FC42	44.000	J38	0.4	0.549	0.045	0.0035
480 minute winter	FC43	45.000	J39	0.4	0.642	0.036	0.0027
480 minute winter	FC44	46.000	J40	0.3	0.609	0.027	0.0022
480 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
480 minute winter	FC46	48.000	S20	0.5	0.404	0.083	0.0075
480 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0037
480 minute winter	FC48	50.000	J42	0.4	0.344	0.028	0.0060
480 minute winter	FC49	51.000	S21	0.4	0.421	0.066	0.0041

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC50	264	184.969	0.169	0.4	0.2249	0.0000	SURCHARGED
480 minute winter	FC51	264	185.019	0.169	0.4	0.2248	0.0000	SURCHARGED
480 minute winter	FC52	256	185.455	0.205	0.5	0.2814	0.0000	SURCHARGED
480 minute winter	FC53	264	185.416	0.166	0.4	0.2204	0.0000	SURCHARGED
480 minute winter	FC54	272	185.350	0.099	0.3	0.1284	0.0000	OK
480 minute winter	FC55	272	185.349	0.099	0.3	0.1275	0.0000	OK
480 minute winter	FC56	264	185.513	0.163	0.4	0.2164	0.0000	SURCHARGED
480 minute winter	FC57	264	185.513	0.163	0.4	0.2170	0.0000	SURCHARGED
480 minute winter	FC58	272	185.449	0.099	0.3	0.1275	0.0000	OK
480 minute winter	FC59	272	185.449	0.099	0.3	0.1276	0.0000	OK
480 minute winter	FC60	264	185.514	0.164	0.4	0.2182	0.0000	SURCHARGED
480 minute winter	FC61	264	185.466	0.166	0.4	0.2208	0.0000	SURCHARGED
480 minute winter	FC62	256	185.571	0.321	0.6	0.4588	0.0000	SURCHARGED
480 minute winter	FC63	272	185.504	0.104	0.3	0.1338	0.0000	SURCHARGED
480 minute winter	FC64	264	185.169	0.169	0.4	0.2244	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC50	52.000	J43	0.4	0.421	0.066	0.0044
480 minute winter	FC51	55.000	S22	0.4	0.422	0.066	0.0057
480 minute winter	FC52	58.000	S23	0.4	0.634	0.044	0.0038
480 minute winter	FC53	61.000	J50	0.4	0.577	0.042	0.0029
480 minute winter	FC54	62.000	J51	0.3	0.590	0.028	0.0020
480 minute winter	FC55	64.000	J53	0.3	0.743	0.020	0.0017
480 minute winter	FC56	53.000	J44	0.4	0.829	0.025	0.0031
480 minute winter	FC57	54.000	J45	0.4	0.778	0.028	0.0033
480 minute winter	FC58	56.000	J46	0.3	0.690	0.022	0.0027
480 minute winter	FC59	57.000	J47	0.3	0.641	0.025	0.0030
480 minute winter	FC60	59.000	J48	0.4	0.687	0.033	0.0038
480 minute winter	FC61	60.000	J49	0.4	0.552	0.045	0.0053
480 minute winter	FC62	63.000	J52	0.6	0.562	0.072	0.0093
480 minute winter	FC63	65.000	S26	0.3	0.394	0.051	0.0020
480 minute winter	FC64	66.000	J54	0.4	0.314	0.067	0.0029

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC65	264	185.313	0.163	0.4	0.2163	0.0000	SURCHARGED
480 minute winter	FC66	264	185.168	0.168	0.4	0.2233	0.0000	SURCHARGED
480 minute winter	FC67	280	184.871	0.071	0.3	0.7284	0.0000	OK
480 minute winter	FC68	272	184.651	0.101	0.3	0.1300	0.0000	SURCHARGED
480 minute winter	J1	264	188.226	0.026	1.2	0.0347	0.0000	OK
480 minute winter	J2	264	188.146	0.040	1.6	0.0454	0.0000	OK
480 minute winter	J3	264	188.087	0.041	2.2	0.0468	0.0000	OK
480 minute winter	J4	264	188.064	0.029	2.5	0.0332	0.0000	OK
480 minute winter	J5	264	187.938	0.028	2.8	0.0314	0.0000	OK
480 minute winter	J6	264	187.689	0.039	3.1	0.0446	0.0000	OK
480 minute winter	J7	264	187.652	0.052	3.4	0.0586	0.0000	OK
480 minute winter	J8	264	187.631	0.038	3.8	0.0426	0.0000	OK
480 minute winter	J9	264	187.328	0.053	4.1	0.0594	0.0000	OK
480 minute winter	J10	264	187.300	0.030	4.6	0.0344	0.0000	OK
480 minute winter	J11	264	187.165	0.044	4.9	0.0498	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC65	67.000	J55	0.4	0.336	0.021	0.0029
480 minute winter	FC66	68.000	S24	0.4	0.474	0.055	0.0018
480 minute winter	FC67	69.000	J56	0.2	0.359	0.041	0.0014
480 minute winter	FC68	70.000	J57	0.3	0.514	0.033	0.0013
480 minute winter	J1	1.001	J2	1.2	0.532	0.144	0.0114
480 minute winter	J2	1.002	J3	1.6	0.587	0.268	0.0028
480 minute winter	J3	1.003	J4	2.2	0.683	0.162	0.0062
480 minute winter	J4	1.004	J5	2.5	1.053	0.073	0.0082
480 minute winter	J5	1.005	J6	2.8	0.970	0.074	0.0168
480 minute winter	J6	1.006	J7	3.1	0.696	0.111	0.0089
480 minute winter	J7	1.007	J8	3.4	0.783	0.247	0.0050
480 minute winter	J8	1.008	J9	3.8	1.143	0.127	0.0284
480 minute winter	J9	1.009	J10	4.1	0.829	0.124	0.0061
480 minute winter	J10	1.010	J11	4.6	1.082	0.036	0.0106
480 minute winter	J11	1.011	S2	4.9	0.608	0.076	0.0440

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J12	256	186.857	0.048	6.4	0.0538	0.0000	OK
480 minute winter	J13	256	186.788	0.085	6.6	0.0967	0.0000	OK
480 minute winter	J14	256	186.777	0.082	6.9	0.0926	0.0000	OK
480 minute winter	J15	256	186.762	0.074	7.2	0.0839	0.0000	OK
480 minute winter	J16	256	186.730	0.060	7.5	0.0681	0.0000	OK
480 minute winter	J17	256	186.397	0.039	7.8	0.0439	0.0000	OK
480 minute winter	J18	256	186.244	0.050	9.1	0.0566	0.0000	OK
480 minute winter	J19	256	186.113	0.086	9.5	0.0968	0.0000	OK
480 minute winter	J20	472	186.046	0.114	0.5	0.1295	0.0000	SURCHARGED
480 minute winter	J21	472	186.045	0.150	0.9	0.1699	0.0000	SURCHARGED
480 minute winter	J22	472	186.045	0.227	1.3	0.2564	0.0000	SURCHARGED
480 minute winter	J23	472	186.045	0.262	1.6	0.2961	0.0000	SURCHARGED
480 minute winter	J24	472	186.046	0.396	2.6	0.4476	0.0000	SURCHARGED
480 minute winter	J25	472	186.046	0.431	3.0	0.4878	0.0000	SURCHARGED
480 minute winter	J26	472	186.047	0.460	3.4	0.5206	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J12	1.013	J13	6.4	0.650	0.095	0.0645
480 minute winter	J13	1.014	J14	6.6	0.493	0.211	0.0255
480 minute winter	J14	1.015	J15	6.9	0.567	0.222	0.0234
480 minute winter	J15	1.016	J16	7.2	0.726	0.236	0.0511
480 minute winter	J16	1.017	J17	7.5	0.957	0.125	0.0264
480 minute winter	J17	1.018	S3	7.8	0.960	0.054	0.0158
480 minute winter	J18	1.020	J19	9.1	1.607	0.070	0.0084
480 minute winter	J19	1.021	S4	9.5	0.637	0.172	0.0654
480 minute winter	J20	23.002	J21	0.5	0.381	0.092	0.0295
480 minute winter	J21	23.003	J22	0.9	0.459	0.157	0.0627
480 minute winter	J22	23.004	J23	1.3	0.533	0.222	0.0281
480 minute winter	J23	23.005	S18	1.6	0.622	0.263	0.0587
480 minute winter	J24	23.007	J25	2.6	0.504	0.198	0.1088
480 minute winter	J25	23.008	J26	3.0	0.521	0.227	0.0874
480 minute winter	J26	23.009	S19	3.4	0.599	0.253	0.0652

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J27	472	186.050	0.589	4.4	0.6660	0.0000	SURCHARGED
480 minute winter	J28	264	186.387	0.031	1.2	0.0350	0.0000	OK
480 minute winter	J29	264	186.307	0.036	1.5	0.0409	0.0000	OK
480 minute winter	J30	264	186.192	0.045	2.3	0.0511	0.0000	OK
480 minute winter	J31	264	186.166	0.047	2.7	0.0535	0.0000	OK
480 minute winter	J32	264	186.114	0.050	3.1	0.0570	0.0000	OK
480 minute winter	J33	264	185.645	0.035	4.2	0.0392	0.0000	OK
480 minute winter	J34	248	185.183	0.058	5.2	0.0654	0.0000	OK
480 minute winter	J35	248	185.113	0.038	5.5	0.0427	0.0000	OK
480 minute winter	J36	256	184.939	0.064	5.9	0.0721	0.0000	OK
480 minute winter	J37	256	184.644	0.069	6.8	0.0779	0.0000	OK
480 minute winter	J38	248	184.456	0.081	7.5	0.0920	0.0000	OK
480 minute winter	J39	256	184.419	0.081	7.9	0.0921	0.0000	OK
480 minute winter	J40	256	184.395	0.070	8.2	0.0795	0.0000	OK
480 minute winter	J41	272	184.620	0.023	0.7	0.0263	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J27	23.011	S4	4.3	0.548	0.143	0.0951
480 minute winter	J28	32.001	J29	1.2	0.521	0.202	0.0203
480 minute winter	J29	32.002	S12	1.5	0.609	0.252	0.0114
480 minute winter	J30	32.004	J31	2.3	0.496	0.172	0.0229
480 minute winter	J31	32.005	J32	2.7	0.539	0.201	0.0484
480 minute winter	J32	32.006	S13	3.1	0.744	0.231	0.0220
480 minute winter	J33	32.008	S14	4.2	0.881	0.117	0.0434
480 minute winter	J34	32.010	J35	5.2	0.845	0.135	0.0561
480 minute winter	J35	32.011	J36	5.5	0.836	0.062	0.0467
480 minute winter	J36	32.012	S15	6.1	0.882	0.203	0.0166
480 minute winter	J37	32.014	S16	6.8	0.996	0.225	0.0366
480 minute winter	J38	32.016	J39	7.5	0.582	0.249	0.1398
480 minute winter	J39	32.017	J40	7.9	0.673	0.257	0.0430
480 minute winter	J40	32.018	S10	8.2	0.810	0.191	0.0970
480 minute winter	J41	48.002	J42	0.7	0.427	0.117	0.0101

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J42	264	184.566	0.029	1.1	0.0330	0.0000	OK
480 minute winter	J43	248	184.405	0.045	2.0	0.0506	0.0000	OK
480 minute winter	J44	248	184.393	0.043	2.4	0.0489	0.0000	OK
480 minute winter	J45	248	184.356	0.056	2.8	0.0637	0.0000	OK
480 minute winter	J46	248	184.333	0.061	3.8	0.0689	0.0000	OK
480 minute winter	J47	248	184.311	0.062	4.0	0.0706	0.0000	OK
480 minute winter	J48	256	184.224	0.070	5.1	0.0793	0.0000	OK
480 minute winter	J49	256	184.211	0.082	5.4	0.0929	0.0000	OK
480 minute winter	J50	256	184.204	0.079	5.8	0.0893	0.0000	OK
480 minute winter	J51	256	184.192	0.084	6.1	0.0954	0.0000	OK
480 minute winter	J52	256	184.184	0.080	6.7	0.0899	0.0000	OK
480 minute winter	J53	256	184.164	0.077	7.0	0.0866	0.0000	OK
480 minute winter	J54	248	185.006	0.027	0.9	0.0310	0.0000	OK
480 minute winter	J55	248	184.976	0.032	1.3	0.0366	0.0000	OK
480 minute winter	J56	488	184.098	0.131	10.0	0.1485	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J42	48.003	S21	1.1	0.478	0.183	0.0187
480 minute winter	J43	48.005	J44	2.0	0.469	0.144	0.0069
480 minute winter	J44	48.006	J45	2.4	0.470	0.180	0.0449
480 minute winter	J45	48.007	S22	2.8	0.434	0.205	0.0152
480 minute winter	J46	48.009	J47	3.7	0.549	0.281	0.0288
480 minute winter	J47	48.010	S23	4.0	0.623	0.303	0.0171
480 minute winter	J48	48.012	J49	5.1	0.430	0.169	0.0880
480 minute winter	J49	48.013	J50	5.5	0.428	0.178	0.0145
480 minute winter	J50	48.014	J51	5.8	0.449	0.195	0.0660
480 minute winter	J51	48.015	J52	6.1	0.470	0.200	0.0148
480 minute winter	J52	48.016	J53	6.7	0.548	0.219	0.0595
480 minute winter	J53	48.017	S24	7.0	0.637	0.232	0.1127
480 minute winter	J54	65.002	J55	0.9	0.446	0.148	0.0072
480 minute winter	J55	65.003	S24	1.3	0.586	0.213	0.0168
480 minute winter	J56	48.019	J57	10.0	0.523	0.184	0.2992

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Results for 30 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J57	488	184.098	0.153	10.3	0.1734	0.0000	OK
480 minute winter	BASIN 1	472	186.043	1.043	13.5	139.2607	0.0000	SURCHARGED
480 minute winter	BASIN 2	720	184.708	0.408	1.4	39.5530	0.0000	OK
480 minute winter	BASIN 3	496	183.247	0.147	9.1	103.0123	0.0000	OK
480 minute winter	BASIN 4	488	184.098	0.768	10.3	111.0812	0.0000	SURCHARGED
480 minute winter	SWALE 1	472	184.966	0.034	1.4	0.0381	0.0000	OK
480 minute winter	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
480 minute winter	SWALE 3	256	184.144	0.074	9.1	0.0839	0.0000	OK
480 minute winter	BH1	720	184.708	0.631	0.6	2.6319	0.0000	OK
480 minute winter	BH2	496	183.247	0.195	1.2	2.5748	0.0000	OK
480 minute winter	BH3	488	184.098	0.792	1.7	5.3027	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J57	48.020	S25	10.3	0.562	0.191	0.3091
480 minute winter	BASIN 1	1.023	S5	1.4	0.145	0.027	0.6013
480 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
480 minute winter	BASIN 2	71.000	BH1	0.6	0.417	0.100	0.1829
480 minute winter	BASIN 3	1.034	BH2	1.2	0.263	0.014	1.3229
480 minute winter	BASIN 4	48.022	BH3	1.7	0.455	0.032	0.7181
480 minute winter	SWALE 1	1.025	S6	1.4	0.328	0.027	0.1646
480 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
480 minute winter	SWALE 3	1.033	BASIN 3	9.1	0.691	0.131	0.5703
480 minute winter	BH1	Infiltration		0.1			
480 minute winter	BH2	Infiltration		0.2			
480 minute winter	BH3	Infiltration		0.2			

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S1	315	188.386	0.016	0.5	0.0220	0.0000	OK
600 minute summer	S2	315	187.114	0.075	6.4	0.1104	0.0000	OK
600 minute summer	S3	315	186.292	0.080	9.1	0.1035	0.0000	OK
600 minute summer	S4	510	185.910	0.532	14.7	0.6324	0.0000	SURCHARGED
600 minute summer	S5	510	185.910	0.930	1.3	1.0522	0.0000	SURCHARGED
600 minute summer	S6	525	184.877	0.033	1.3	0.0375	0.0000	OK
600 minute summer	S7	15	184.779	0.000	0.0	0.0000	0.0000	OK
600 minute summer	S8	15	184.390	0.000	0.0	0.0000	0.0000	OK
600 minute summer	S9	315	184.234	0.034	0.0	0.0389	0.0000	OK
600 minute summer	S10	315	184.234	0.050	9.5	0.0769	0.0000	OK
600 minute summer	S11	315	186.429	0.029	1.0	0.0474	0.0000	OK
600 minute summer	S12	315	186.217	0.041	2.0	0.0468	0.0000	OK
600 minute summer	S13	315	186.070	0.036	3.9	0.0512	0.0000	OK
600 minute summer	S14	315	185.312	0.062	5.3	0.0970	0.0000	OK
600 minute summer	S15	315	184.908	0.041	7.0	0.0574	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	S1	1.000	J1	0.5	0.399	0.057	0.0106
600 minute summer	S2	1.012	J12	6.4	0.610	0.215	0.0157
600 minute summer	S3	1.019	J18	9.0	0.947	0.296	0.0495
600 minute summer	S4	1.022	BASIN 1	14.3	0.854	0.086	1.1778
600 minute summer	S5	1.024	SWALE 1	1.3	0.323	0.025	0.0841
600 minute summer	S6	1.026	BASIN 2	1.3	0.364	0.025	0.0210
600 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
600 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0267
600 minute summer	S9	1.031	S10	0.0	-0.006	0.000	0.0409
600 minute summer	S10	1.032	SWALE 3	9.5	0.883	0.053	0.0473
600 minute summer	S11	32.000	J28	1.0	0.493	0.168	0.0092
600 minute summer	S12	32.003	J30	2.0	0.463	0.147	0.0216
600 minute summer	S13	32.007	J33	3.9	1.206	0.120	0.0416
600 minute summer	S14	32.009	J34	5.3	0.820	0.306	0.0339
600 minute summer	S15	32.013	J37	6.8	0.885	0.073	0.0725

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S16	315	184.593	0.035	7.4	0.0448	0.0000	OK
600 minute summer	S17	345	186.014	0.014	0.2	0.0155	0.0000	OK
600 minute summer	S18	555	185.925	0.264	2.4	0.3725	0.0000	SURCHARGED
600 minute summer	S19	540	185.920	0.429	4.4	0.5876	0.0000	SURCHARGED
600 minute summer	S20	330	184.667	0.025	0.7	0.0302	0.0000	OK
600 minute summer	S21	315	184.497	0.038	1.7	0.0455	0.0000	OK
600 minute summer	S22	315	184.347	0.061	3.5	0.0748	0.0000	OK
600 minute summer	S23	315	184.232	0.074	4.7	0.0869	0.0000	OK
600 minute summer	S24	315	184.076	0.099	9.8	0.1431	0.0000	OK
600 minute summer	S25	315	184.015	0.089	10.3	0.1009	0.0000	OK
600 minute summer	S26	315	185.393	0.016	0.5	0.0199	0.0000	OK
600 minute summer	FC1	315	188.404	0.153	0.4	0.2043	0.0000	SURCHARGED
600 minute summer	FC2	315	188.304	0.154	0.4	0.2047	0.0000	SURCHARGED
600 minute summer	FC3	330	188.562	0.362	0.7	0.5248	0.0000	SURCHARGED
600 minute summer	FC4	330	188.301	0.101	0.3	0.1305	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	S16	32.015	J38	7.4	0.894	0.051	0.0200
600 minute summer	S17	23.001	J20	0.2	0.295	0.040	0.0065
600 minute summer	S18	23.006	J24	2.4	0.476	0.173	0.0323
600 minute summer	S19	23.010	J27	4.4	0.480	0.146	0.3541
600 minute summer	S20	48.001	J41	0.7	0.500	0.125	0.0069
600 minute summer	S21	48.004	J43	1.7	0.628	0.283	0.0136
600 minute summer	S22	48.008	J46	3.5	0.513	0.257	0.0164
600 minute summer	S23	48.011	J48	4.7	0.431	0.152	0.0122
600 minute summer	S24	48.018	J56	9.8	0.499	0.183	0.0833
600 minute summer	S25	48.021	BASIN 4	10.3	0.652	0.186	0.0505
600 minute summer	S26	65.001	J54	0.5	0.597	0.057	0.0071
600 minute summer	FC1	2.000	J1	0.4	0.310	0.060	0.0062
600 minute summer	FC2	3.000	J2	0.4	0.205	0.063	0.0092
600 minute summer	FC3	4.000	J3	0.6	0.503	0.093	0.0110
600 minute summer	FC4	5.000	J4	0.3	0.465	0.039	0.0047

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC5	315	188.154	0.154	0.4	0.2053	0.0000	SURCHARGED
600 minute summer	FC6	330	187.950	0.100	0.3	0.1294	0.0000	SURCHARGED
600 minute summer	FC7	330	187.852	0.101	0.3	0.1310	0.0000	SURCHARGED
600 minute summer	FC8	315	187.901	0.151	0.4	0.2007	0.0000	SURCHARGED
600 minute summer	FC9	330	187.573	0.103	0.3	0.1326	0.0000	SURCHARGED
600 minute summer	FC10	330	187.775	0.305	0.6	0.4306	0.0000	SURCHARGED
600 minute summer	FC11	315	187.472	0.152	0.4	0.1992	0.0000	SURCHARGED
600 minute summer	FC12	315	187.382	0.152	0.4	0.1992	0.0000	SURCHARGED
600 minute summer	FC13	315	187.154	0.154	0.4	0.2051	0.0000	SURCHARGED
600 minute summer	FC14	345	186.979	0.079	0.4	1.0157	0.0000	OK
600 minute summer	FC15	330	187.298	0.098	0.3	0.1270	0.0000	OK
600 minute summer	FC16	330	187.002	0.102	0.3	0.1318	0.0000	SURCHARGED
600 minute summer	FC17	330	187.098	0.098	0.3	0.1270	0.0000	OK
600 minute summer	FC18	330	186.653	0.103	0.3	0.1327	0.0000	SURCHARGED
600 minute summer	FC19	315	186.554	0.154	0.4	0.2052	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC5	6.000	J5	0.4	0.414	0.063	0.0037
600 minute summer	FC6	7.000	J6	0.3	0.511	0.034	0.0043
600 minute summer	FC7	8.000	J7	0.3	0.444	0.042	0.0049
600 minute summer	FC8	9.000	J8	0.4	0.586	0.038	0.0027
600 minute summer	FC9	10.000	J9	0.3	0.393	0.050	0.0055
600 minute summer	FC10	11.000	J10	0.5	0.502	0.082	0.0067
600 minute summer	FC11	12.000	J11	0.4	0.416	0.063	0.0069
600 minute summer	FC12	13.000	S2	0.4	0.416	0.063	0.0061
600 minute summer	FC13	14.000	J12	0.4	0.418	0.063	0.0061
600 minute summer	FC14	15.000	J13	0.3	0.376	0.043	0.0052
600 minute summer	FC15	16.000	J14	0.3	0.827	0.017	0.0017
600 minute summer	FC16	17.000	J15	0.3	0.417	0.046	0.0054
600 minute summer	FC17	18.000	J16	0.3	0.658	0.024	0.0022
600 minute summer	FC18	19.000	J17	0.3	0.391	0.051	0.0054
600 minute summer	FC19	20.000	S3	0.4	0.416	0.063	0.0059

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC20	315	187.099	0.149	0.4	0.1980	0.0000	SURCHARGED
600 minute summer	FC21	315	186.454	0.154	0.4	0.2051	0.0000	SURCHARGED
600 minute summer	FC22	345	186.516	0.066	0.3	0.6450	0.0000	OK
600 minute summer	FC23	330	186.402	0.102	0.3	0.1322	0.0000	SURCHARGED
600 minute summer	FC24	315	186.453	0.152	0.4	0.2030	0.0000	SURCHARGED
600 minute summer	FC25	315	186.699	0.149	0.4	0.1980	0.0000	SURCHARGED
600 minute summer	FC26	345	186.516	0.066	0.3	0.6626	0.0000	OK
600 minute summer	FC27	330	186.598	0.098	0.3	0.1270	0.0000	OK
600 minute summer	FC28	315	186.649	0.149	0.4	0.1980	0.0000	SURCHARGED
600 minute summer	FC29	315	186.716	0.215	0.5	0.2911	0.0000	SURCHARGED
600 minute summer	FC30	315	186.899	0.149	0.4	0.1981	0.0000	SURCHARGED
600 minute summer	FC31	330	186.550	0.100	0.3	0.1289	0.0000	OK
600 minute summer	FC32	330	186.548	0.098	0.3	0.1270	0.0000	OK
600 minute summer	FC33	315	186.599	0.149	0.4	0.1982	0.0000	SURCHARGED
600 minute summer	FC34	315	186.604	0.154	0.4	0.2048	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC20	21.000	J18	0.4	0.835	0.023	0.0019
600 minute summer	FC21	22.000	J19	0.4	0.416	0.063	0.0068
600 minute summer	FC22	23.000	S17	0.2	0.523	0.013	0.0022
600 minute summer	FC23	24.000	J20	0.3	0.407	0.047	0.0034
600 minute summer	FC24	25.000	J21	0.4	0.487	0.050	0.0036
600 minute summer	FC25	26.000	J22	0.4	0.828	0.024	0.0021
600 minute summer	FC26	27.000	J23	0.2	0.639	0.018	0.0017
600 minute summer	FC27	28.000	J24	0.3	0.854	0.016	0.0016
600 minute summer	FC28	29.000	J25	0.4	0.833	0.023	0.0020
600 minute summer	FC29	30.000	J26	0.5	0.858	0.030	0.0025
600 minute summer	FC30	31.000	J27	0.4	0.778	0.026	0.0021
600 minute summer	FC31	33.000	J28	0.3	0.249	0.033	0.0058
600 minute summer	FC32	34.000	J29	0.3	0.222	0.024	0.0065
600 minute summer	FC33	35.000	S12	0.4	0.765	0.026	0.0020
600 minute summer	FC34	36.000	J30	0.4	0.428	0.060	0.0042

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC35	315	186.599	0.149	0.4	0.1982	0.0000	SURCHARGED
600 minute summer	FC36	315	186.665	0.215	0.5	0.2909	0.0000	SURCHARGED
600 minute summer	FC37	315	186.018	0.218	0.5	0.3034	0.0000	SURCHARGED
600 minute summer	FC38	345	185.512	0.062	0.3	0.7424	0.0000	OK
600 minute summer	FC39	330	185.548	0.098	0.3	0.1270	0.0000	OK
600 minute summer	FC40	315	185.649	0.149	0.4	0.1980	0.0000	SURCHARGED
600 minute summer	FC41	315	185.000	0.150	0.4	0.2000	0.0000	SURCHARGED
600 minute summer	FC42	315	184.751	0.151	0.4	0.2016	0.0000	SURCHARGED
600 minute summer	FC43	315	184.750	0.150	0.4	0.1998	0.0000	SURCHARGED
600 minute summer	FC44	300	184.612	0.012	0.3	0.0149	0.0000	OK
600 minute summer	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
600 minute summer	FC46	330	185.006	0.306	0.6	0.4316	0.0000	SURCHARGED
600 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute summer	FC48	315	184.949	0.149	0.4	0.1981	0.0000	SURCHARGED
600 minute summer	FC49	315	184.954	0.154	0.4	0.2053	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC35	37.000	J31	0.4	0.769	0.026	0.0025
600 minute summer	FC36	38.000	J32	0.5	0.875	0.029	0.0026
600 minute summer	FC37	39.000	J33	0.5	0.586	0.051	0.0051
600 minute summer	FC38	40.000	J34	0.2	0.607	0.018	0.0018
600 minute summer	FC39	41.000	J35	0.3	0.726	0.021	0.0018
600 minute summer	FC40	42.000	J36	0.4	0.947	0.020	0.0020
600 minute summer	FC41	43.000	J37	0.4	0.621	0.036	0.0030
600 minute summer	FC42	44.000	J38	0.4	0.541	0.043	0.0034
600 minute summer	FC43	45.000	J39	0.4	0.632	0.035	0.0026
600 minute summer	FC44	46.000	J40	0.3	0.609	0.027	0.0022
600 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
600 minute summer	FC46	48.000	S20	0.5	0.417	0.091	0.0080
600 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0039
600 minute summer	FC48	50.000	J42	0.4	0.329	0.027	0.0060
600 minute summer	FC49	51.000	S21	0.4	0.414	0.063	0.0039

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC50	315	184.954	0.154	0.4	0.2053	0.0000	SURCHARGED
600 minute summer	FC51	315	185.004	0.154	0.4	0.2051	0.0000	SURCHARGED
600 minute summer	FC52	315	185.468	0.218	0.5	0.2989	0.0000	SURCHARGED
600 minute summer	FC53	315	185.401	0.151	0.4	0.2010	0.0000	SURCHARGED
600 minute summer	FC54	330	185.349	0.099	0.3	0.1279	0.0000	OK
600 minute summer	FC55	330	185.348	0.098	0.3	0.1270	0.0000	OK
600 minute summer	FC56	315	185.499	0.149	0.4	0.1980	0.0000	SURCHARGED
600 minute summer	FC57	315	185.499	0.149	0.4	0.1982	0.0000	SURCHARGED
600 minute summer	FC58	330	185.448	0.098	0.3	0.1270	0.0000	OK
600 minute summer	FC59	330	185.449	0.098	0.3	0.1271	0.0000	OK
600 minute summer	FC60	315	185.500	0.150	0.4	0.1991	0.0000	SURCHARGED
600 minute summer	FC61	315	185.451	0.151	0.4	0.2015	0.0000	SURCHARGED
600 minute summer	FC62	330	185.553	0.303	0.6	0.4337	0.0000	SURCHARGED
600 minute summer	FC63	330	185.503	0.103	0.3	0.1332	0.0000	SURCHARGED
600 minute summer	FC64	315	185.154	0.154	0.4	0.2048	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC50	52.000	J43	0.4	0.415	0.063	0.0042
600 minute summer	FC51	55.000	S22	0.4	0.416	0.063	0.0055
600 minute summer	FC52	58.000	S23	0.5	0.640	0.045	0.0039
600 minute summer	FC53	61.000	J50	0.4	0.568	0.040	0.0028
600 minute summer	FC54	62.000	J51	0.3	0.590	0.028	0.0020
600 minute summer	FC55	64.000	J53	0.3	0.742	0.020	0.0017
600 minute summer	FC56	53.000	J44	0.4	0.818	0.024	0.0030
600 minute summer	FC57	54.000	J45	0.4	0.767	0.026	0.0032
600 minute summer	FC58	56.000	J46	0.3	0.690	0.022	0.0027
600 minute summer	FC59	57.000	J47	0.3	0.641	0.025	0.0030
600 minute summer	FC60	59.000	J48	0.4	0.677	0.032	0.0036
600 minute summer	FC61	60.000	J49	0.4	0.544	0.043	0.0051
600 minute summer	FC62	63.000	J52	0.5	0.558	0.071	0.0091
600 minute summer	FC63	65.000	S26	0.3	0.392	0.051	0.0020
600 minute summer	FC64	66.000	J54	0.4	0.298	0.063	0.0029

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC65	315	185.299	0.149	0.4	0.1980	0.0000	SURCHARGED
600 minute summer	FC66	315	185.153	0.153	0.4	0.2037	0.0000	SURCHARGED
600 minute summer	FC67	345	184.867	0.067	0.3	0.6880	0.0000	OK
600 minute summer	FC68	330	184.650	0.100	0.3	0.1295	0.0000	SURCHARGED
600 minute summer	J1	315	188.228	0.028	1.4	0.0373	0.0000	OK
600 minute summer	J2	315	188.148	0.042	1.7	0.0479	0.0000	OK
600 minute summer	J3	315	188.089	0.043	2.3	0.0486	0.0000	OK
600 minute summer	J4	315	188.066	0.030	2.6	0.0345	0.0000	OK
600 minute summer	J5	315	187.938	0.028	3.0	0.0322	0.0000	OK
600 minute summer	J6	315	187.691	0.040	3.3	0.0458	0.0000	OK
600 minute summer	J7	315	187.653	0.053	3.6	0.0597	0.0000	OK
600 minute summer	J8	315	187.631	0.038	4.0	0.0433	0.0000	OK
600 minute summer	J9	315	187.328	0.053	4.2	0.0602	0.0000	OK
600 minute summer	J10	315	187.301	0.031	4.7	0.0350	0.0000	OK
600 minute summer	J11	315	187.166	0.045	5.1	0.0506	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC65	67.000	J55	0.4	0.329	0.020	0.0028
600 minute summer	FC66	68.000	S24	0.4	0.467	0.052	0.0017
600 minute summer	FC67	69.000	J56	0.2	0.355	0.039	0.0014
600 minute summer	FC68	70.000	J57	0.3	0.514	0.033	0.0013
600 minute summer	J1	1.001	J2	1.4	0.563	0.165	0.0123
600 minute summer	J2	1.002	J3	1.7	0.602	0.295	0.0030
600 minute summer	J3	1.003	J4	2.3	0.699	0.175	0.0065
600 minute summer	J4	1.004	J5	2.6	1.077	0.078	0.0086
600 minute summer	J5	1.005	J6	3.0	0.983	0.078	0.0174
600 minute summer	J6	1.006	J7	3.3	0.705	0.116	0.0092
600 minute summer	J7	1.007	J8	3.6	0.794	0.257	0.0051
600 minute summer	J8	1.008	J9	4.0	1.152	0.131	0.0290
600 minute summer	J9	1.009	J10	4.2	0.819	0.126	0.0063
600 minute summer	J10	1.010	J11	4.8	1.089	0.037	0.0108
600 minute summer	J11	1.011	S2	5.1	0.608	0.080	0.0461

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J12	315	186.858	0.049	6.8	0.0559	0.0000	OK
600 minute summer	J13	315	186.790	0.088	7.0	0.0997	0.0000	OK
600 minute summer	J14	315	186.779	0.084	7.3	0.0953	0.0000	OK
600 minute summer	J15	315	186.764	0.076	7.6	0.0862	0.0000	OK
600 minute summer	J16	315	186.732	0.062	7.9	0.0700	0.0000	OK
600 minute summer	J17	315	186.398	0.040	8.2	0.0453	0.0000	OK
600 minute summer	J18	315	186.245	0.051	9.4	0.0578	0.0000	OK
600 minute summer	J19	315	186.114	0.087	9.8	0.0985	0.0000	OK
600 minute summer	J20	330	185.952	0.021	0.5	0.0234	0.0000	OK
600 minute summer	J21	555	185.925	0.030	0.9	0.0338	0.0000	OK
600 minute summer	J22	555	185.925	0.107	1.3	0.1209	0.0000	SURCHARGED
600 minute summer	J23	555	185.925	0.142	1.5	0.1603	0.0000	SURCHARGED
600 minute summer	J24	555	185.925	0.275	2.7	0.3107	0.0000	SURCHARGED
600 minute summer	J25	555	185.924	0.309	3.0	0.3500	0.0000	SURCHARGED
600 minute summer	J26	555	185.926	0.339	3.5	0.3832	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J12	1.013	J13	6.8	0.661	0.101	0.0674
600 minute summer	J13	1.014	J14	7.0	0.502	0.223	0.0265
600 minute summer	J14	1.015	J15	7.3	0.576	0.234	0.0243
600 minute summer	J15	1.016	J16	7.6	0.736	0.248	0.0530
600 minute summer	J16	1.017	J17	7.9	0.968	0.131	0.0274
600 minute summer	J17	1.018	S3	8.2	0.969	0.056	0.0163
600 minute summer	J18	1.020	J19	9.4	1.620	0.072	0.0087
600 minute summer	J19	1.021	S4	9.8	0.643	0.177	0.0670
600 minute summer	J20	23.002	J21	0.5	0.381	0.090	0.0053
600 minute summer	J21	23.003	J22	0.9	0.456	0.150	0.0392
600 minute summer	J22	23.004	J23	1.3	0.529	0.211	0.0281
600 minute summer	J23	23.005	S18	1.5	0.614	0.251	0.0587
600 minute summer	J24	23.007	J25	2.7	0.507	0.200	0.1088
600 minute summer	J25	23.008	J26	3.0	0.519	0.229	0.0874
600 minute summer	J26	23.009	S19	3.5	0.605	0.262	0.0652

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J27	570	185.941	0.480	4.8	0.5433	0.0000	SURCHARGED
600 minute summer	J28	315	186.388	0.032	1.3	0.0365	0.0000	OK
600 minute summer	J29	315	186.308	0.037	1.6	0.0423	0.0000	OK
600 minute summer	J30	315	186.193	0.046	2.3	0.0518	0.0000	OK
600 minute summer	J31	315	186.167	0.048	2.7	0.0538	0.0000	OK
600 minute summer	J32	315	186.115	0.051	3.2	0.0578	0.0000	OK
600 minute summer	J33	315	185.645	0.035	4.3	0.0399	0.0000	OK
600 minute summer	J34	315	185.185	0.060	5.5	0.0674	0.0000	OK
600 minute summer	J35	315	185.114	0.039	5.8	0.0439	0.0000	OK
600 minute summer	J36	315	184.941	0.066	6.2	0.0742	0.0000	OK
600 minute summer	J37	315	184.645	0.070	7.1	0.0796	0.0000	OK
600 minute summer	J38	315	184.458	0.083	7.8	0.0939	0.0000	OK
600 minute summer	J39	315	184.421	0.083	8.2	0.0938	0.0000	OK
600 minute summer	J40	315	184.397	0.072	8.5	0.0809	0.0000	OK
600 minute summer	J41	330	184.621	0.024	0.7	0.0274	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J27	23.011	S4	4.6	0.553	0.155	0.0951
600 minute summer	J28	32.001	J29	1.3	0.534	0.219	0.0214
600 minute summer	J29	32.002	S12	1.6	0.619	0.268	0.0120
600 minute summer	J30	32.004	J31	2.3	0.501	0.176	0.0232
600 minute summer	J31	32.005	J32	2.7	0.537	0.204	0.0491
600 minute summer	J32	32.006	S13	3.2	0.745	0.238	0.0226
600 minute summer	J33	32.008	S14	4.3	0.874	0.121	0.0454
600 minute summer	J34	32.010	J35	5.5	0.861	0.143	0.0584
600 minute summer	J35	32.011	J36	5.8	0.841	0.065	0.0486
600 minute summer	J36	32.012	S15	6.4	0.886	0.212	0.0172
600 minute summer	J37	32.014	S16	7.1	1.007	0.235	0.0378
600 minute summer	J38	32.016	J39	7.8	0.589	0.259	0.1436
600 minute summer	J39	32.017	J40	8.2	0.680	0.266	0.0440
600 minute summer	J40	32.018	S10	8.5	0.817	0.197	0.0994
600 minute summer	J41	48.002	J42	0.7	0.439	0.125	0.0105

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J42	330	184.567	0.030	1.1	0.0334	0.0000	OK
600 minute summer	J43	315	184.405	0.045	2.0	0.0510	0.0000	OK
600 minute summer	J44	315	184.393	0.043	2.4	0.0491	0.0000	OK
600 minute summer	J45	315	184.356	0.056	2.8	0.0637	0.0000	OK
600 minute summer	J46	315	184.333	0.061	3.8	0.0689	0.0000	OK
600 minute summer	J47	315	184.310	0.062	4.0	0.0706	0.0000	OK
600 minute summer	J48	315	184.224	0.070	5.1	0.0792	0.0000	OK
600 minute summer	J49	315	184.211	0.082	5.4	0.0924	0.0000	OK
600 minute summer	J50	315	184.204	0.079	5.8	0.0888	0.0000	OK
600 minute summer	J51	315	184.192	0.084	6.1	0.0948	0.0000	OK
600 minute summer	J52	315	184.183	0.079	6.6	0.0893	0.0000	OK
600 minute summer	J53	315	184.163	0.076	6.9	0.0860	0.0000	OK
600 minute summer	J54	315	185.006	0.027	0.9	0.0309	0.0000	OK
600 minute summer	J55	315	184.976	0.032	1.2	0.0364	0.0000	OK
600 minute summer	J56	315	184.062	0.095	10.0	0.1074	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J42	48.003	S21	1.1	0.484	0.187	0.0191
600 minute summer	J43	48.005	J44	2.0	0.472	0.146	0.0070
600 minute summer	J44	48.006	J45	2.4	0.472	0.181	0.0451
600 minute summer	J45	48.007	S22	2.8	0.436	0.205	0.0152
600 minute summer	J46	48.009	J47	3.7	0.549	0.281	0.0287
600 minute summer	J47	48.010	S23	4.0	0.623	0.303	0.0171
600 minute summer	J48	48.012	J49	5.1	0.431	0.169	0.0876
600 minute summer	J49	48.013	J50	5.4	0.428	0.177	0.0144
600 minute summer	J50	48.014	J51	5.8	0.449	0.194	0.0654
600 minute summer	J51	48.015	J52	6.1	0.470	0.198	0.0147
600 minute summer	J52	48.016	J53	6.6	0.546	0.217	0.0590
600 minute summer	J53	48.017	S24	6.9	0.634	0.229	0.1116
600 minute summer	J54	65.002	J55	0.9	0.445	0.147	0.0071
600 minute summer	J55	65.003	S24	1.2	0.584	0.210	0.0167
600 minute summer	J56	48.019	J57	10.0	0.523	0.184	0.1738

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Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J57	315	184.040	0.095	10.3	0.1074	0.0000	OK
600 minute summer	BASIN 1	510	185.910	0.910	14.3	118.5584	0.0000	SURCHARGED
600 minute summer	BASIN 2	840	184.720	0.419	1.3	40.7816	0.0000	OK
600 minute summer	BASIN 3	630	183.229	0.129	9.5	90.0250	0.0000	OK
600 minute summer	BASIN 4	615	184.000	0.670	10.3	95.1620	0.0000	SURCHARGED
600 minute summer	SWALE 1	510	184.965	0.033	1.3	0.0369	0.0000	OK
600 minute summer	SWALE 2	15	184.450	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWALE 3	315	184.146	0.076	9.5	0.0855	0.0000	OK
600 minute summer	BH1	840	184.719	0.642	0.5	2.6648	0.0000	OK
600 minute summer	BH2	615	183.229	0.177	1.0	2.4839	0.0000	OK
600 minute summer	BH3	615	184.000	0.694	1.3	4.8454	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J57	48.020	S25	10.3	0.562	0.191	0.1451
600 minute summer	BASIN 1	1.023	S5	1.3	0.094	0.025	0.6013
600 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
600 minute summer	BASIN 2	71.000	BH1	0.5	0.358	0.084	0.1829
600 minute summer	BASIN 3	1.034	BH2	1.0	0.247	0.011	1.1409
600 minute summer	BASIN 4	48.022	BH3	1.3	0.336	0.024	0.7181
600 minute summer	SWALE 1	1.025	S6	1.3	0.321	0.025	0.1569
600 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
600 minute summer	SWALE 3	1.033	BASIN 3	9.5	0.698	0.136	0.5855
600 minute summer	BH1	Infiltration		0.1			
600 minute summer	BH2	Infiltration		0.2			
600 minute summer	BH3	Infiltration		0.2			

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S1	315	188.385	0.015	0.4	0.0198	0.0000	OK
600 minute winter	S2	315	187.107	0.068	5.3	0.1001	0.0000	OK
600 minute winter	S3	315	186.285	0.073	7.7	0.0952	0.0000	OK
600 minute winter	S4	570	186.055	0.677	12.0	0.8045	0.0000	SURCHARGED
600 minute winter	S5	570	186.055	1.075	1.4	1.2160	0.0000	SURCHARGED
600 minute winter	S6	570	184.878	0.034	1.4	0.0388	0.0000	OK
600 minute winter	S7	15	184.779	0.000	0.0	0.0000	0.0000	OK
600 minute winter	S8	15	184.390	0.000	0.0	0.0000	0.0000	OK
600 minute winter	S9	315	184.229	0.029	0.0	0.0328	0.0000	OK
600 minute winter	S10	315	184.229	0.045	7.8	0.0687	0.0000	OK
600 minute winter	S11	300	186.426	0.026	0.8	0.0419	0.0000	OK
600 minute winter	S12	315	186.214	0.038	1.7	0.0428	0.0000	OK
600 minute winter	S13	315	186.066	0.032	3.1	0.0460	0.0000	OK
600 minute winter	S14	315	185.304	0.054	4.2	0.0852	0.0000	OK
600 minute winter	S15	315	184.904	0.037	5.5	0.0520	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	S1	1.000	J1	0.4	0.370	0.046	0.0090
600 minute winter	S2	1.012	J12	5.3	0.578	0.177	0.0137
600 minute winter	S3	1.019	J18	7.7	0.909	0.250	0.0437
600 minute winter	S4	1.022	BASIN 1	11.7	0.978	0.070	1.1778
600 minute winter	S5	1.024	SWALE 1	1.4	0.330	0.027	0.0887
600 minute winter	S6	1.026	BASIN 2	1.4	0.374	0.026	0.0221
600 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
600 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0208
600 minute winter	S9	1.031	S10	0.0	-0.006	0.000	0.0337
600 minute winter	S10	1.032	SWALE 3	7.8	0.844	0.043	0.0407
600 minute winter	S11	32.000	J28	0.8	0.472	0.135	0.0079
600 minute winter	S12	32.003	J30	1.7	0.448	0.125	0.0189
600 minute winter	S13	32.007	J33	3.1	1.136	0.097	0.0359
600 minute winter	S14	32.009	J34	4.2	0.774	0.244	0.0286
600 minute winter	S15	32.013	J37	5.5	0.832	0.060	0.0630

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S16	315	184.588	0.031	6.1	0.0397	0.0000	OK
600 minute winter	S17	585	186.058	0.058	0.2	0.0654	0.0000	OK
600 minute winter	S18	585	186.059	0.398	2.0	0.5618	0.0000	SURCHARGED
600 minute winter	S19	585	186.057	0.566	3.6	0.7748	0.0000	SURCHARGED
600 minute winter	S20	330	184.664	0.022	0.6	0.0270	0.0000	OK
600 minute winter	S21	330	184.492	0.033	1.3	0.0396	0.0000	OK
600 minute winter	S22	315	184.340	0.054	2.8	0.0660	0.0000	OK
600 minute winter	S23	315	184.224	0.066	4.0	0.0782	0.0000	OK
600 minute winter	S24	600	184.123	0.146	8.2	0.2124	0.0000	OK
600 minute winter	S25	600	184.123	0.197	8.7	0.2232	0.0000	OK
600 minute winter	S26	315	185.392	0.015	0.4	0.0175	0.0000	OK
600 minute winter	FC1	360	188.353	0.103	0.3	0.1373	0.0000	SURCHARGED
600 minute winter	FC2	360	188.253	0.103	0.3	0.1376	0.0000	SURCHARGED
600 minute winter	FC3	330	188.453	0.253	0.5	0.3671	0.0000	SURCHARGED
600 minute winter	FC4	315	188.293	0.093	0.3	0.1202	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	S16	32.015	J38	6.1	0.862	0.042	0.0170
600 minute winter	S17	23.001	J20	0.2	0.282	0.037	0.0448
600 minute winter	S18	23.006	J24	2.0	0.459	0.146	0.0323
600 minute winter	S19	23.010	J27	3.4	0.446	0.114	0.3541
600 minute winter	S20	48.001	J41	0.6	0.474	0.101	0.0059
600 minute winter	S21	48.004	J43	1.3	0.587	0.219	0.0113
600 minute winter	S22	48.008	J46	2.8	0.492	0.208	0.0139
600 minute winter	S23	48.011	J48	4.0	0.422	0.128	0.0105
600 minute winter	S24	48.018	J56	8.2	0.478	0.153	0.1511
600 minute winter	S25	48.021	BASIN 4	8.7	0.622	0.157	0.1605
600 minute winter	S26	65.001	J54	0.4	0.554	0.044	0.0059
600 minute winter	FC1	2.000	J1	0.3	0.305	0.048	0.0053
600 minute winter	FC2	3.000	J2	0.3	0.202	0.050	0.0078
600 minute winter	FC3	4.000	J3	0.5	0.476	0.077	0.0096
600 minute winter	FC4	5.000	J4	0.3	0.459	0.038	0.0046

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC5	360	188.104	0.104	0.3	0.1382	0.0000	SURCHARGED
600 minute winter	FC6	315	187.942	0.092	0.3	0.1192	0.0000	OK
600 minute winter	FC7	315	187.844	0.093	0.3	0.1207	0.0000	OK
600 minute winter	FC8	360	187.851	0.101	0.3	0.1338	0.0000	SURCHARGED
600 minute winter	FC9	315	187.565	0.095	0.3	0.1222	0.0000	OK
600 minute winter	FC10	360	187.644	0.174	0.4	0.2449	0.0000	SURCHARGED
600 minute winter	FC11	345	187.424	0.104	0.3	0.1358	0.0000	SURCHARGED
600 minute winter	FC12	345	187.334	0.104	0.3	0.1359	0.0000	SURCHARGED
600 minute winter	FC13	360	187.104	0.104	0.3	0.1380	0.0000	SURCHARGED
600 minute winter	FC14	360	186.978	0.078	0.3	0.9999	0.0000	OK
600 minute winter	FC15	315	187.291	0.091	0.3	0.1178	0.0000	OK
600 minute winter	FC16	315	186.994	0.094	0.3	0.1215	0.0000	OK
600 minute winter	FC17	315	187.091	0.091	0.3	0.1178	0.0000	OK
600 minute winter	FC18	315	186.645	0.095	0.3	0.1223	0.0000	OK
600 minute winter	FC19	360	186.504	0.104	0.3	0.1381	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC5	6.000	J5	0.3	0.390	0.051	0.0032
600 minute winter	FC6	7.000	J6	0.3	0.504	0.033	0.0041
600 minute winter	FC7	8.000	J7	0.3	0.438	0.040	0.0047
600 minute winter	FC8	9.000	J8	0.3	0.550	0.031	0.0023
600 minute winter	FC9	10.000	J9	0.3	0.387	0.048	0.0053
600 minute winter	FC10	11.000	J10	0.4	0.460	0.060	0.0054
600 minute winter	FC11	12.000	J11	0.3	0.392	0.051	0.0059
600 minute winter	FC12	13.000	S2	0.3	0.392	0.051	0.0053
600 minute winter	FC13	14.000	J12	0.3	0.393	0.051	0.0052
600 minute winter	FC14	15.000	J13	0.3	0.375	0.043	0.0051
600 minute winter	FC15	16.000	J14	0.3	0.817	0.016	0.0016
600 minute winter	FC16	17.000	J15	0.3	0.411	0.044	0.0053
600 minute winter	FC17	18.000	J16	0.3	0.649	0.023	0.0021
600 minute winter	FC18	19.000	J17	0.3	0.385	0.048	0.0052
600 minute winter	FC19	20.000	S3	0.3	0.391	0.051	0.0051

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC20	360	187.049	0.099	0.3	0.1319	0.0000	OK
600 minute winter	FC21	360	186.404	0.104	0.3	0.1380	0.0000	SURCHARGED
600 minute winter	FC22	330	186.509	0.059	0.3	0.5755	0.0000	OK
600 minute winter	FC23	315	186.394	0.094	0.3	0.1218	0.0000	OK
600 minute winter	FC24	360	186.402	0.102	0.3	0.1360	0.0000	SURCHARGED
600 minute winter	FC25	360	186.649	0.099	0.3	0.1319	0.0000	OK
600 minute winter	FC26	330	186.509	0.059	0.3	0.5919	0.0000	OK
600 minute winter	FC27	315	186.591	0.091	0.3	0.1178	0.0000	OK
600 minute winter	FC28	360	186.599	0.099	0.3	0.1319	0.0000	OK
600 minute winter	FC29	315	186.649	0.149	0.4	0.2014	0.0000	SURCHARGED
600 minute winter	FC30	360	186.849	0.099	0.3	0.1319	0.0000	OK
600 minute winter	FC31	315	186.542	0.092	0.3	0.1188	0.0000	OK
600 minute winter	FC32	315	186.541	0.091	0.3	0.1178	0.0000	OK
600 minute winter	FC33	360	186.549	0.099	0.3	0.1319	0.0000	OK
600 minute winter	FC34	360	186.554	0.103	0.3	0.1377	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC20	21.000	J18	0.3	0.782	0.019	0.0017
600 minute winter	FC21	22.000	J19	0.3	0.392	0.051	0.0059
600 minute winter	FC22	23.000	S17	0.2	0.511	0.012	0.0113
600 minute winter	FC23	24.000	J20	0.3	0.401	0.045	0.0033
600 minute winter	FC24	25.000	J21	0.3	0.457	0.040	0.0030
600 minute winter	FC25	26.000	J22	0.3	0.776	0.019	0.0018
600 minute winter	FC26	27.000	J23	0.2	0.627	0.017	0.0016
600 minute winter	FC27	28.000	J24	0.3	0.844	0.016	0.0015
600 minute winter	FC28	29.000	J25	0.3	0.780	0.019	0.0017
600 minute winter	FC29	30.000	J26	0.4	0.811	0.024	0.0022
600 minute winter	FC30	31.000	J27	0.3	0.729	0.021	0.0018
600 minute winter	FC31	33.000	J28	0.3	0.243	0.032	0.0052
600 minute winter	FC32	34.000	J29	0.3	0.218	0.023	0.0059
600 minute winter	FC33	35.000	S12	0.3	0.716	0.021	0.0017
600 minute winter	FC34	36.000	J30	0.3	0.402	0.049	0.0036

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC35	360	186.549	0.099	0.3	0.1319	0.0000	OK
600 minute winter	FC36	315	186.599	0.149	0.4	0.2014	0.0000	SURCHARGED
600 minute winter	FC37	345	185.971	0.171	0.4	0.2374	0.0000	SURCHARGED
600 minute winter	FC38	330	185.506	0.055	0.3	0.6674	0.0000	OK
600 minute winter	FC39	315	185.541	0.091	0.3	0.1178	0.0000	OK
600 minute winter	FC40	360	185.599	0.099	0.3	0.1319	0.0000	OK
600 minute winter	FC41	360	184.950	0.100	0.3	0.1331	0.0000	SURCHARGED
600 minute winter	FC42	360	184.701	0.101	0.3	0.1347	0.0000	SURCHARGED
600 minute winter	FC43	360	184.700	0.100	0.3	0.1329	0.0000	OK
600 minute winter	FC44	315	184.612	0.012	0.3	0.0149	0.0000	OK
600 minute winter	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
600 minute winter	FC46	360	184.874	0.174	0.4	0.2458	0.0000	SURCHARGED
600 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute winter	FC48	360	184.899	0.099	0.3	0.1319	0.0000	OK
600 minute winter	FC49	360	184.904	0.104	0.3	0.1382	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC35	37.000	J31	0.3	0.721	0.021	0.0021
600 minute winter	FC36	38.000	J32	0.4	0.827	0.024	0.0023
600 minute winter	FC37	39.000	J33	0.4	0.564	0.045	0.0046
600 minute winter	FC38	40.000	J34	0.2	0.595	0.017	0.0017
600 minute winter	FC39	41.000	J35	0.3	0.716	0.020	0.0018
600 minute winter	FC40	42.000	J36	0.3	0.889	0.016	0.0017
600 minute winter	FC41	43.000	J37	0.3	0.581	0.029	0.0026
600 minute winter	FC42	44.000	J38	0.3	0.508	0.035	0.0029
600 minute winter	FC43	45.000	J39	0.3	0.592	0.028	0.0022
600 minute winter	FC44	46.000	J40	0.3	0.609	0.027	0.0022
600 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
600 minute winter	FC46	48.000	S20	0.4	0.388	0.067	0.0066
600 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0033
600 minute winter	FC48	50.000	J42	0.3	0.326	0.021	0.0052
600 minute winter	FC49	51.000	S21	0.3	0.390	0.051	0.0034

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC50	360	184.904	0.104	0.3	0.1382	0.0000	SURCHARGED
600 minute winter	FC51	360	184.954	0.104	0.3	0.1381	0.0000	SURCHARGED
600 minute winter	FC52	330	185.417	0.167	0.4	0.2287	0.0000	SURCHARGED
600 minute winter	FC53	360	185.351	0.101	0.3	0.1341	0.0000	SURCHARGED
600 minute winter	FC54	315	185.342	0.091	0.3	0.1181	0.0000	OK
600 minute winter	FC55	315	185.341	0.091	0.3	0.1178	0.0000	OK
600 minute winter	FC56	360	185.449	0.099	0.3	0.1319	0.0000	OK
600 minute winter	FC57	360	185.449	0.099	0.3	0.1319	0.0000	OK
600 minute winter	FC58	315	185.441	0.091	0.3	0.1178	0.0000	OK
600 minute winter	FC59	315	185.441	0.091	0.3	0.1178	0.0000	OK
600 minute winter	FC60	360	185.449	0.099	0.3	0.1322	0.0000	OK
600 minute winter	FC61	360	185.401	0.101	0.3	0.1346	0.0000	SURCHARGED
600 minute winter	FC62	330	185.502	0.252	0.5	0.3603	0.0000	SURCHARGED
600 minute winter	FC63	315	185.495	0.095	0.3	0.1227	0.0000	OK
600 minute winter	FC64	360	185.104	0.103	0.3	0.1377	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC50	52.000	J43	0.3	0.390	0.051	0.0036
600 minute winter	FC51	55.000	S22	0.3	0.391	0.051	0.0047
600 minute winter	FC52	58.000	S23	0.4	0.614	0.039	0.0035
600 minute winter	FC53	61.000	J50	0.3	0.533	0.032	0.0024
600 minute winter	FC54	62.000	J51	0.3	0.582	0.026	0.0020
600 minute winter	FC55	64.000	J53	0.3	0.733	0.019	0.0016
600 minute winter	FC56	53.000	J44	0.3	0.765	0.019	0.0026
600 minute winter	FC57	54.000	J45	0.3	0.718	0.021	0.0027
600 minute winter	FC58	56.000	J46	0.3	0.681	0.021	0.0026
600 minute winter	FC59	57.000	J47	0.3	0.632	0.024	0.0029
600 minute winter	FC60	59.000	J48	0.3	0.634	0.025	0.0031
600 minute winter	FC61	60.000	J49	0.3	0.510	0.035	0.0043
600 minute winter	FC62	63.000	J52	0.5	0.542	0.064	0.0085
600 minute winter	FC63	65.000	S26	0.3	0.386	0.048	0.0018
600 minute winter	FC64	66.000	J54	0.3	0.294	0.051	0.0024

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC65	360	185.249	0.099	0.3	0.1319	0.0000	OK
600 minute winter	FC66	360	185.103	0.103	0.3	0.1367	0.0000	SURCHARGED
600 minute winter	FC67	330	184.860	0.059	0.3	0.6141	0.0000	OK
600 minute winter	FC68	315	184.642	0.092	0.3	0.1193	0.0000	OK
600 minute winter	J1	315	188.225	0.025	1.1	0.0333	0.0000	OK
600 minute winter	J2	315	188.143	0.037	1.4	0.0423	0.0000	OK
600 minute winter	J3	315	188.085	0.039	1.9	0.0436	0.0000	OK
600 minute winter	J4	315	188.063	0.028	2.2	0.0311	0.0000	OK
600 minute winter	J5	315	187.936	0.026	2.5	0.0292	0.0000	OK
600 minute winter	J6	315	187.686	0.036	2.7	0.0410	0.0000	OK
600 minute winter	J7	315	187.648	0.048	3.0	0.0547	0.0000	OK
600 minute winter	J8	315	187.628	0.035	3.3	0.0395	0.0000	OK
600 minute winter	J9	315	187.324	0.049	3.6	0.0555	0.0000	OK
600 minute winter	J10	315	187.298	0.028	4.0	0.0318	0.0000	OK
600 minute winter	J11	315	187.162	0.041	4.3	0.0459	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC65	67.000	J55	0.3	0.329	0.016	0.0024
600 minute winter	FC66	68.000	S24	0.3	0.440	0.042	0.0014
600 minute winter	FC67	69.000	J56	0.2	0.349	0.037	0.0013
600 minute winter	FC68	70.000	J57	0.3	0.507	0.032	0.0013
600 minute winter	J1	1.001	J2	1.1	0.532	0.133	0.0105
600 minute winter	J2	1.002	J3	1.4	0.568	0.236	0.0026
600 minute winter	J3	1.003	J4	1.9	0.654	0.141	0.0056
600 minute winter	J4	1.004	J5	2.2	1.023	0.064	0.0075
600 minute winter	J5	1.005	J6	2.5	0.936	0.064	0.0150
600 minute winter	J6	1.006	J7	2.7	0.674	0.096	0.0080
600 minute winter	J7	1.007	J8	3.0	0.760	0.217	0.0045
600 minute winter	J8	1.008	J9	3.3	1.099	0.110	0.0256
600 minute winter	J9	1.009	J10	3.6	0.795	0.108	0.0055
600 minute winter	J10	1.010	J11	4.0	1.051	0.031	0.0094
600 minute winter	J11	1.011	S2	4.3	0.585	0.067	0.0401

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J12	315	186.853	0.044	5.6	0.0501	0.0000	OK
600 minute winter	J13	315	186.782	0.080	5.8	0.0901	0.0000	OK
600 minute winter	J14	315	186.772	0.077	6.1	0.0867	0.0000	OK
600 minute winter	J15	315	186.758	0.070	6.4	0.0788	0.0000	OK
600 minute winter	J16	315	186.727	0.056	6.7	0.0639	0.0000	OK
600 minute winter	J17	315	186.394	0.036	7.0	0.0408	0.0000	OK
600 minute winter	J18	315	186.240	0.046	8.0	0.0523	0.0000	OK
600 minute winter	J19	315	186.107	0.080	8.3	0.0903	0.0000	OK
600 minute winter	J20	585	186.058	0.127	0.5	0.1436	0.0000	SURCHARGED
600 minute winter	J21	585	186.058	0.163	0.8	0.1845	0.0000	SURCHARGED
600 minute winter	J22	585	186.058	0.240	1.1	0.2718	0.0000	SURCHARGED
600 minute winter	J23	585	186.059	0.276	1.3	0.3116	0.0000	SURCHARGED
600 minute winter	J24	585	186.058	0.408	2.3	0.4619	0.0000	SURCHARGED
600 minute winter	J25	585	186.058	0.443	2.6	0.5006	0.0000	SURCHARGED
600 minute winter	J26	585	186.058	0.471	3.0	0.5326	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J12	1.013	J13	5.6	0.631	0.084	0.0585
600 minute winter	J13	1.014	J14	5.8	0.476	0.186	0.0232
600 minute winter	J14	1.015	J15	6.1	0.547	0.196	0.0214
600 minute winter	J15	1.016	J16	6.4	0.703	0.209	0.0467
600 minute winter	J16	1.017	J17	6.7	0.928	0.111	0.0242
600 minute winter	J17	1.018	S3	7.0	0.937	0.048	0.0144
600 minute winter	J18	1.020	J19	8.0	1.560	0.061	0.0076
600 minute winter	J19	1.021	S4	8.3	0.613	0.150	0.0593
600 minute winter	J20	23.002	J21	0.5	0.379	0.084	0.0295
600 minute winter	J21	23.003	J22	0.8	0.447	0.134	0.0627
600 minute winter	J22	23.004	J23	1.1	0.509	0.184	0.0281
600 minute winter	J23	23.005	S18	1.3	0.593	0.221	0.0587
600 minute winter	J24	23.007	J25	2.3	0.492	0.172	0.1088
600 minute winter	J25	23.008	J26	2.6	0.497	0.195	0.0874
600 minute winter	J26	23.009	S19	2.9	0.569	0.220	0.0652

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J27	585	186.061	0.600	3.7	0.6786	0.0000	SURCHARGED
600 minute winter	J28	315	186.385	0.029	1.1	0.0331	0.0000	OK
600 minute winter	J29	315	186.305	0.034	1.4	0.0389	0.0000	OK
600 minute winter	J30	315	186.189	0.042	2.0	0.0470	0.0000	OK
600 minute winter	J31	315	186.162	0.043	2.3	0.0488	0.0000	OK
600 minute winter	J32	315	186.111	0.047	2.6	0.0527	0.0000	OK
600 minute winter	J33	315	185.642	0.032	3.5	0.0362	0.0000	OK
600 minute winter	J34	315	185.179	0.053	4.4	0.0605	0.0000	OK
600 minute winter	J35	315	185.110	0.035	4.7	0.0397	0.0000	OK
600 minute winter	J36	315	184.933	0.057	5.0	0.0650	0.0000	OK
600 minute winter	J37	315	184.639	0.064	5.8	0.0720	0.0000	OK
600 minute winter	J38	315	184.449	0.074	6.4	0.0840	0.0000	OK
600 minute winter	J39	315	184.413	0.075	6.7	0.0843	0.0000	OK
600 minute winter	J40	315	184.390	0.065	7.0	0.0730	0.0000	OK
600 minute winter	J41	330	184.619	0.022	0.6	0.0245	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J27	23.011	S4	3.5	0.516	0.118	0.0951
600 minute winter	J28	32.001	J29	1.1	0.506	0.183	0.0189
600 minute winter	J29	32.002	S12	1.4	0.595	0.231	0.0107
600 minute winter	J30	32.004	J31	2.0	0.482	0.148	0.0203
600 minute winter	J31	32.005	J32	2.3	0.513	0.170	0.0431
600 minute winter	J32	32.006	S13	2.6	0.714	0.198	0.0197
600 minute winter	J33	32.008	S14	3.5	0.844	0.099	0.0385
600 minute winter	J34	32.010	J35	4.4	0.805	0.115	0.0503
600 minute winter	J35	32.011	J36	4.7	0.804	0.053	0.0409
600 minute winter	J36	32.012	S15	5.0	0.828	0.167	0.0145
600 minute winter	J37	32.014	S16	5.8	0.955	0.191	0.0326
600 minute winter	J38	32.016	J39	6.4	0.560	0.212	0.1238
600 minute winter	J39	32.017	J40	6.7	0.645	0.218	0.0381
600 minute winter	J40	32.018	S10	7.0	0.776	0.163	0.0863
600 minute winter	J41	48.002	J42	0.6	0.415	0.101	0.0090

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J42	330	184.564	0.026	0.9	0.0299	0.0000	OK
600 minute winter	J43	330	184.399	0.039	1.6	0.0444	0.0000	OK
600 minute winter	J44	330	184.388	0.038	1.9	0.0432	0.0000	OK
600 minute winter	J45	315	184.349	0.049	2.2	0.0552	0.0000	OK
600 minute winter	J46	315	184.326	0.054	3.1	0.0614	0.0000	OK
600 minute winter	J47	315	184.304	0.056	3.4	0.0637	0.0000	OK
600 minute winter	J48	315	184.217	0.063	4.3	0.0710	0.0000	OK
600 minute winter	J49	315	184.203	0.074	4.5	0.0832	0.0000	OK
600 minute winter	J50	315	184.196	0.071	4.8	0.0800	0.0000	OK
600 minute winter	J51	315	184.184	0.076	5.1	0.0864	0.0000	OK
600 minute winter	J52	315	184.176	0.072	5.6	0.0815	0.0000	OK
600 minute winter	J53	315	184.157	0.070	5.9	0.0791	0.0000	OK
600 minute winter	J54	315	185.003	0.024	0.7	0.0271	0.0000	OK
600 minute winter	J55	315	184.972	0.028	1.0	0.0321	0.0000	OK
600 minute winter	J56	600	184.123	0.156	8.4	0.1768	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J42	48.003	S21	0.9	0.457	0.152	0.0161
600 minute winter	J43	48.005	J44	1.6	0.445	0.114	0.0058
600 minute winter	J44	48.006	J45	1.9	0.451	0.142	0.0372
600 minute winter	J45	48.007	S22	2.2	0.421	0.162	0.0127
600 minute winter	J46	48.009	J47	3.1	0.523	0.231	0.0248
600 minute winter	J47	48.010	S23	3.4	0.594	0.252	0.0150
600 minute winter	J48	48.012	J49	4.2	0.419	0.142	0.0756
600 minute winter	J49	48.013	J50	4.5	0.415	0.148	0.0124
600 minute winter	J50	48.014	J51	4.8	0.431	0.162	0.0571
600 minute winter	J51	48.015	J52	5.1	0.450	0.167	0.0129
600 minute winter	J52	48.016	J53	5.6	0.523	0.184	0.0523
600 minute winter	J53	48.017	S24	5.9	0.608	0.195	0.0995
600 minute winter	J54	65.002	J55	0.7	0.419	0.115	0.0059
600 minute winter	J55	65.003	S24	1.0	0.548	0.166	0.0141
600 minute winter	J56	48.019	J57	8.4	0.500	0.154	0.3668

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Results for 30 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J57	600	184.123	0.178	8.7	0.2017	0.0000	OK
600 minute winter	BASIN 1	570	186.055	1.055	11.7	141.2433	0.0000	SURCHARGED
600 minute winter	BASIN 2	840	184.762	0.462	1.4	45.4065	0.0000	OK
600 minute winter	BASIN 3	615	183.251	0.151	7.8	105.9184	0.0000	OK
600 minute winter	BASIN 4	600	184.123	0.793	8.7	115.2177	0.0000	SURCHARGED
600 minute winter	SWALE 1	570	184.966	0.034	1.4	0.0382	0.0000	OK
600 minute winter	SWALE 2	15	184.450	0.000	0.0	0.0000	0.0000	OK
600 minute winter	SWALE 3	315	184.139	0.069	7.8	0.0775	0.0000	OK
600 minute winter	BH1	840	184.761	0.684	0.5	2.7866	0.0000	OK
600 minute winter	BH2	615	183.251	0.199	1.0	2.5953	0.0000	OK
600 minute winter	BH3	600	184.123	0.817	1.3	5.4192	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J57	48.020	S25	8.7	0.536	0.160	0.3672
600 minute winter	BASIN 1	1.023	S5	1.4	0.128	0.027	0.6013
600 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
600 minute winter	BASIN 2	71.000	BH1	0.5	0.399	0.089	0.1829
600 minute winter	BASIN 3	1.034	BH2	1.0	0.250	0.012	1.3639
600 minute winter	BASIN 4	48.022	BH3	1.3	0.412	0.025	0.7181
600 minute winter	SWALE 1	1.025	S6	1.4	0.329	0.027	0.1653
600 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
600 minute winter	SWALE 3	1.033	BASIN 3	7.8	0.660	0.112	0.5101
600 minute winter	BH1	Infiltration		0.1			
600 minute winter	BH2	Infiltration		0.2			
600 minute winter	BH3	Infiltration		0.2			

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S1	375	188.385	0.015	0.4	0.0198	0.0000	OK
720 minute summer	S2	375	187.110	0.071	5.8	0.1047	0.0000	OK
720 minute summer	S3	375	186.289	0.077	8.4	0.0996	0.0000	OK
720 minute summer	S4	585	185.898	0.520	13.6	0.6177	0.0000	SURCHARGED
720 minute summer	S5	570	185.898	0.918	1.3	1.0381	0.0000	SURCHARGED
720 minute summer	S6	585	184.877	0.033	1.3	0.0374	0.0000	OK
720 minute summer	S7	15	184.779	0.000	0.0	0.0000	0.0000	OK
720 minute summer	S8	15	184.390	0.000	0.0	0.0000	0.0000	OK
720 minute summer	S9	375	184.233	0.033	0.0	0.0370	0.0000	OK
720 minute summer	S10	375	184.233	0.049	8.9	0.0743	0.0000	OK
720 minute summer	S11	375	186.427	0.027	0.9	0.0447	0.0000	OK
720 minute summer	S12	375	186.216	0.040	1.8	0.0451	0.0000	OK
720 minute summer	S13	375	186.069	0.034	3.6	0.0491	0.0000	OK
720 minute summer	S14	375	185.309	0.059	4.9	0.0926	0.0000	OK
720 minute summer	S15	375	184.907	0.040	6.3	0.0557	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	S1	1.000	J1	0.4	0.364	0.046	0.0093
720 minute summer	S2	1.012	J12	5.8	0.593	0.194	0.0146
720 minute summer	S3	1.019	J18	8.4	0.928	0.274	0.0468
720 minute summer	S4	1.022	BASIN 1	13.3	0.788	0.079	1.1778
720 minute summer	S5	1.024	SWALE 1	1.3	0.322	0.025	0.0837
720 minute summer	S6	1.026	BASIN 2	1.3	0.363	0.024	0.0210
720 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
720 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0248
720 minute summer	S9	1.031	S10	0.0	0.006	0.000	0.0385
720 minute summer	S10	1.032	SWALE 3	8.9	0.872	0.050	0.0452
720 minute summer	S11	32.000	J28	0.9	0.483	0.151	0.0086
720 minute summer	S12	32.003	J30	1.8	0.455	0.138	0.0206
720 minute summer	S13	32.007	J33	3.6	1.176	0.110	0.0393
720 minute summer	S14	32.009	J34	4.9	0.804	0.283	0.0320
720 minute summer	S15	32.013	J37	6.3	0.867	0.069	0.0695

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S16	375	184.591	0.034	7.0	0.0432	0.0000	OK
720 minute summer	S17	390	186.013	0.013	0.2	0.0148	0.0000	OK
720 minute summer	S18	615	185.913	0.252	2.2	0.3558	0.0000	SURCHARGED
720 minute summer	S19	615	185.907	0.416	4.1	0.5703	0.0000	SURCHARGED
720 minute summer	S20	375	184.665	0.023	0.7	0.0284	0.0000	OK
720 minute summer	S21	375	184.495	0.036	1.5	0.0428	0.0000	OK
720 minute summer	S22	375	184.345	0.059	3.3	0.0725	0.0000	OK
720 minute summer	S23	375	184.229	0.071	4.4	0.0841	0.0000	OK
720 minute summer	S24	375	184.073	0.096	9.3	0.1390	0.0000	OK
720 minute summer	S25	375	184.013	0.087	9.8	0.0982	0.0000	OK
720 minute summer	S26	375	185.392	0.015	0.4	0.0175	0.0000	OK
720 minute summer	FC1	375	188.404	0.153	0.4	0.2043	0.0000	SURCHARGED
720 minute summer	FC2	375	188.304	0.154	0.4	0.2047	0.0000	SURCHARGED
720 minute summer	FC3	390	188.505	0.305	0.6	0.4419	0.0000	SURCHARGED
720 minute summer	FC4	375	188.293	0.093	0.3	0.1202	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	S16	32.015	J38	7.0	0.883	0.048	0.0191
720 minute summer	S17	23.001	J20	0.2	0.285	0.036	0.0059
720 minute summer	S18	23.006	J24	2.2	0.469	0.163	0.0323
720 minute summer	S19	23.010	J27	4.0	0.466	0.135	0.3541
720 minute summer	S20	48.001	J41	0.7	0.486	0.110	0.0063
720 minute summer	S21	48.004	J43	1.5	0.610	0.253	0.0125
720 minute summer	S22	48.008	J46	3.3	0.508	0.245	0.0157
720 minute summer	S23	48.011	J48	4.4	0.426	0.144	0.0117
720 minute summer	S24	48.018	J56	9.3	0.494	0.174	0.0800
720 minute summer	S25	48.021	BASIN 4	9.8	0.643	0.177	0.0485
720 minute summer	S26	65.001	J54	0.4	0.554	0.044	0.0059
720 minute summer	FC1	2.000	J1	0.4	0.328	0.060	0.0058
720 minute summer	FC2	3.000	J2	0.4	0.215	0.063	0.0085
720 minute summer	FC3	4.000	J3	0.5	0.491	0.085	0.0103
720 minute summer	FC4	5.000	J4	0.3	0.459	0.038	0.0046

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC5	375	188.154	0.154	0.4	0.2053	0.0000	SURCHARGED
720 minute summer	FC6	375	187.942	0.092	0.3	0.1192	0.0000	OK
720 minute summer	FC7	375	187.844	0.093	0.3	0.1207	0.0000	OK
720 minute summer	FC8	375	187.901	0.151	0.4	0.2007	0.0000	SURCHARGED
720 minute summer	FC9	375	187.565	0.095	0.3	0.1222	0.0000	OK
720 minute summer	FC10	375	187.695	0.225	0.5	0.3176	0.0000	SURCHARGED
720 minute summer	FC11	390	187.423	0.103	0.3	0.1347	0.0000	SURCHARGED
720 minute summer	FC12	390	187.333	0.103	0.3	0.1347	0.0000	SURCHARGED
720 minute summer	FC13	375	187.154	0.154	0.4	0.2051	0.0000	SURCHARGED
720 minute summer	FC14	405	186.979	0.079	0.4	1.0158	0.0000	OK
720 minute summer	FC15	375	187.291	0.091	0.3	0.1178	0.0000	OK
720 minute summer	FC16	375	186.994	0.094	0.3	0.1214	0.0000	OK
720 minute summer	FC17	375	187.091	0.091	0.3	0.1178	0.0000	OK
720 minute summer	FC18	375	186.645	0.095	0.3	0.1222	0.0000	OK
720 minute summer	FC19	375	186.554	0.154	0.4	0.2052	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC5	6.000	J5	0.4	0.414	0.063	0.0037
720 minute summer	FC6	7.000	J6	0.3	0.504	0.033	0.0041
720 minute summer	FC7	8.000	J7	0.3	0.438	0.040	0.0047
720 minute summer	FC8	9.000	J8	0.4	0.586	0.038	0.0027
720 minute summer	FC9	10.000	J9	0.3	0.387	0.048	0.0053
720 minute summer	FC10	11.000	J10	0.5	0.479	0.069	0.0060
720 minute summer	FC11	12.000	J11	0.3	0.391	0.051	0.0059
720 minute summer	FC12	13.000	S2	0.3	0.391	0.050	0.0053
720 minute summer	FC13	14.000	J12	0.4	0.418	0.063	0.0061
720 minute summer	FC14	15.000	J13	0.3	0.376	0.043	0.0052
720 minute summer	FC15	16.000	J14	0.3	0.817	0.016	0.0016
720 minute summer	FC16	17.000	J15	0.3	0.411	0.044	0.0053
720 minute summer	FC17	18.000	J16	0.3	0.649	0.023	0.0021
720 minute summer	FC18	19.000	J17	0.3	0.385	0.048	0.0052
720 minute summer	FC19	20.000	S3	0.4	0.416	0.063	0.0059

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC20	375	187.099	0.149	0.4	0.1980	0.0000	SURCHARGED
720 minute summer	FC21	375	186.454	0.154	0.4	0.2051	0.0000	SURCHARGED
720 minute summer	FC22	390	186.506	0.056	0.3	0.5482	0.0000	OK
720 minute summer	FC23	375	186.394	0.094	0.3	0.1218	0.0000	OK
720 minute summer	FC24	375	186.453	0.152	0.4	0.2030	0.0000	SURCHARGED
720 minute summer	FC25	375	186.699	0.149	0.4	0.1980	0.0000	SURCHARGED
720 minute summer	FC26	390	186.506	0.056	0.3	0.5630	0.0000	OK
720 minute summer	FC27	375	186.591	0.091	0.3	0.1178	0.0000	OK
720 minute summer	FC28	375	186.649	0.149	0.4	0.1980	0.0000	SURCHARGED
720 minute summer	FC29	375	186.648	0.148	0.4	0.2004	0.0000	SURCHARGED
720 minute summer	FC30	375	186.899	0.149	0.4	0.1981	0.0000	SURCHARGED
720 minute summer	FC31	375	186.542	0.092	0.3	0.1188	0.0000	OK
720 minute summer	FC32	375	186.541	0.091	0.3	0.1178	0.0000	OK
720 minute summer	FC33	375	186.599	0.149	0.4	0.1982	0.0000	SURCHARGED
720 minute summer	FC34	375	186.604	0.154	0.4	0.2048	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC20	21.000	J18	0.4	0.835	0.023	0.0019
720 minute summer	FC21	22.000	J19	0.4	0.416	0.063	0.0068
720 minute summer	FC22	23.000	S17	0.2	0.506	0.011	0.0021
720 minute summer	FC23	24.000	J20	0.3	0.401	0.045	0.0033
720 minute summer	FC24	25.000	J21	0.4	0.487	0.050	0.0036
720 minute summer	FC25	26.000	J22	0.4	0.828	0.024	0.0021
720 minute summer	FC26	27.000	J23	0.2	0.621	0.016	0.0016
720 minute summer	FC27	28.000	J24	0.3	0.844	0.016	0.0015
720 minute summer	FC28	29.000	J25	0.4	0.833	0.023	0.0020
720 minute summer	FC29	30.000	J26	0.4	0.810	0.024	0.0022
720 minute summer	FC30	31.000	J27	0.4	0.778	0.026	0.0021
720 minute summer	FC31	33.000	J28	0.3	0.232	0.032	0.0055
720 minute summer	FC32	34.000	J29	0.3	0.209	0.023	0.0061
720 minute summer	FC33	35.000	S12	0.4	0.765	0.026	0.0020
720 minute summer	FC34	36.000	J30	0.4	0.428	0.060	0.0042

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC35	375	186.599	0.149	0.4	0.1982	0.0000	SURCHARGED
720 minute summer	FC36	375	186.598	0.148	0.4	0.2004	0.0000	SURCHARGED
720 minute summer	FC37	375	186.018	0.218	0.5	0.3034	0.0000	SURCHARGED
720 minute summer	FC38	390	185.502	0.052	0.3	0.6302	0.0000	OK
720 minute summer	FC39	375	185.541	0.091	0.3	0.1178	0.0000	OK
720 minute summer	FC40	375	185.649	0.149	0.4	0.1980	0.0000	SURCHARGED
720 minute summer	FC41	375	185.000	0.150	0.4	0.2000	0.0000	SURCHARGED
720 minute summer	FC42	375	184.751	0.151	0.4	0.2016	0.0000	SURCHARGED
720 minute summer	FC43	375	184.750	0.150	0.4	0.1998	0.0000	SURCHARGED
720 minute summer	FC44	375	184.612	0.012	0.3	0.0149	0.0000	OK
720 minute summer	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
720 minute summer	FC46	375	184.926	0.226	0.5	0.3184	0.0000	SURCHARGED
720 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute summer	FC48	375	184.949	0.149	0.4	0.1981	0.0000	SURCHARGED
720 minute summer	FC49	375	184.954	0.154	0.4	0.2053	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC35	37.000	J31	0.4	0.769	0.026	0.0025
720 minute summer	FC36	38.000	J32	0.4	0.826	0.024	0.0023
720 minute summer	FC37	39.000	J33	0.5	0.586	0.051	0.0051
720 minute summer	FC38	40.000	J34	0.2	0.589	0.016	0.0016
720 minute summer	FC39	41.000	J35	0.3	0.716	0.020	0.0018
720 minute summer	FC40	42.000	J36	0.4	0.947	0.020	0.0020
720 minute summer	FC41	43.000	J37	0.4	0.621	0.036	0.0030
720 minute summer	FC42	44.000	J38	0.4	0.541	0.043	0.0034
720 minute summer	FC43	45.000	J39	0.4	0.632	0.035	0.0026
720 minute summer	FC44	46.000	J40	0.3	0.609	0.027	0.0022
720 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
720 minute summer	FC46	48.000	S20	0.5	0.396	0.077	0.0072
720 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0035
720 minute summer	FC48	50.000	J42	0.4	0.340	0.027	0.0058
720 minute summer	FC49	51.000	S21	0.4	0.414	0.063	0.0039

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC50	375	184.954	0.154	0.4	0.2053	0.0000	SURCHARGED
720 minute summer	FC51	375	185.004	0.154	0.4	0.2051	0.0000	SURCHARGED
720 minute summer	FC52	390	185.417	0.167	0.4	0.2285	0.0000	SURCHARGED
720 minute summer	FC53	375	185.401	0.151	0.4	0.2010	0.0000	SURCHARGED
720 minute summer	FC54	375	185.342	0.091	0.3	0.1181	0.0000	OK
720 minute summer	FC55	375	185.341	0.091	0.3	0.1178	0.0000	OK
720 minute summer	FC56	375	185.499	0.149	0.4	0.1980	0.0000	SURCHARGED
720 minute summer	FC57	375	185.499	0.149	0.4	0.1982	0.0000	SURCHARGED
720 minute summer	FC58	375	185.441	0.091	0.3	0.1178	0.0000	OK
720 minute summer	FC59	375	185.441	0.091	0.3	0.1178	0.0000	OK
720 minute summer	FC60	375	185.500	0.150	0.4	0.1991	0.0000	SURCHARGED
720 minute summer	FC61	375	185.451	0.151	0.4	0.2015	0.0000	SURCHARGED
720 minute summer	FC62	390	185.554	0.304	0.6	0.4344	0.0000	SURCHARGED
720 minute summer	FC63	375	185.495	0.095	0.3	0.1227	0.0000	OK
720 minute summer	FC64	375	185.154	0.154	0.4	0.2048	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC50	52.000	J43	0.4	0.415	0.063	0.0042
720 minute summer	FC51	55.000	S22	0.4	0.416	0.063	0.0055
720 minute summer	FC52	58.000	S23	0.4	0.614	0.039	0.0035
720 minute summer	FC53	61.000	J50	0.4	0.568	0.040	0.0028
720 minute summer	FC54	62.000	J51	0.3	0.582	0.026	0.0020
720 minute summer	FC55	64.000	J53	0.3	0.733	0.019	0.0016
720 minute summer	FC56	53.000	J44	0.4	0.818	0.024	0.0030
720 minute summer	FC57	54.000	J45	0.4	0.767	0.026	0.0032
720 minute summer	FC58	56.000	J46	0.3	0.681	0.021	0.0026
720 minute summer	FC59	57.000	J47	0.3	0.632	0.024	0.0029
720 minute summer	FC60	59.000	J48	0.4	0.677	0.032	0.0036
720 minute summer	FC61	60.000	J49	0.4	0.544	0.043	0.0051
720 minute summer	FC62	63.000	J52	0.5	0.558	0.071	0.0091
720 minute summer	FC63	65.000	S26	0.3	0.386	0.048	0.0018
720 minute summer	FC64	66.000	J54	0.4	0.309	0.063	0.0027

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC65	375	185.299	0.149	0.4	0.1980	0.0000	SURCHARGED
720 minute summer	FC66	375	185.153	0.153	0.4	0.2037	0.0000	SURCHARGED
720 minute summer	FC67	390	184.856	0.056	0.3	0.5813	0.0000	OK
720 minute summer	FC68	375	184.642	0.092	0.3	0.1193	0.0000	OK
720 minute summer	J1	375	188.225	0.025	1.2	0.0344	0.0000	OK
720 minute summer	J2	375	188.146	0.040	1.5	0.0447	0.0000	OK
720 minute summer	J3	375	188.087	0.041	2.1	0.0458	0.0000	OK
720 minute summer	J4	375	188.064	0.029	2.4	0.0325	0.0000	OK
720 minute summer	J5	375	187.937	0.027	2.7	0.0308	0.0000	OK
720 minute summer	J6	375	187.688	0.038	3.0	0.0434	0.0000	OK
720 minute summer	J7	375	187.651	0.051	3.3	0.0573	0.0000	OK
720 minute summer	J8	375	187.630	0.037	3.7	0.0416	0.0000	OK
720 minute summer	J9	375	187.326	0.051	3.9	0.0581	0.0000	OK
720 minute summer	J10	375	187.300	0.030	4.4	0.0335	0.0000	OK
720 minute summer	J11	375	187.164	0.043	4.7	0.0482	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC65	67.000	J55	0.4	0.332	0.020	0.0027
720 minute summer	FC66	68.000	S24	0.4	0.467	0.052	0.0017
720 minute summer	FC67	69.000	J56	0.2	0.346	0.036	0.0013
720 minute summer	FC68	70.000	J57	0.3	0.507	0.032	0.0013
720 minute summer	J1	1.001	J2	1.2	0.532	0.141	0.0112
720 minute summer	J2	1.002	J3	1.5	0.583	0.261	0.0028
720 minute summer	J3	1.003	J4	2.1	0.676	0.156	0.0060
720 minute summer	J4	1.004	J5	2.4	1.042	0.070	0.0080
720 minute summer	J5	1.005	J6	2.7	0.962	0.071	0.0162
720 minute summer	J6	1.006	J7	3.0	0.690	0.106	0.0086
720 minute summer	J7	1.007	J8	3.3	0.774	0.236	0.0048
720 minute summer	J8	1.008	J9	3.7	1.129	0.121	0.0275
720 minute summer	J9	1.009	J10	4.0	0.819	0.119	0.0059
720 minute summer	J10	1.010	J11	4.4	1.074	0.034	0.0101
720 minute summer	J11	1.011	S2	4.7	0.597	0.073	0.0429

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J12	375	186.856	0.047	6.2	0.0529	0.0000	OK
720 minute summer	J13	375	186.786	0.084	6.4	0.0947	0.0000	OK
720 minute summer	J14	375	186.775	0.080	6.7	0.0907	0.0000	OK
720 minute summer	J15	375	186.761	0.073	7.0	0.0823	0.0000	OK
720 minute summer	J16	375	186.729	0.059	7.2	0.0667	0.0000	OK
720 minute summer	J17	375	186.396	0.038	7.5	0.0429	0.0000	OK
720 minute summer	J18	375	186.243	0.049	8.8	0.0554	0.0000	OK
720 minute summer	J19	375	186.111	0.084	9.1	0.0949	0.0000	OK
720 minute summer	J20	375	185.951	0.020	0.5	0.0222	0.0000	OK
720 minute summer	J21	375	185.921	0.026	0.9	0.0291	0.0000	OK
720 minute summer	J22	615	185.913	0.095	1.2	0.1078	0.0000	OK
720 minute summer	J23	615	185.913	0.130	1.4	0.1473	0.0000	SURCHARGED
720 minute summer	J24	615	185.913	0.263	2.5	0.2974	0.0000	SURCHARGED
720 minute summer	J25	615	185.913	0.298	2.9	0.3366	0.0000	SURCHARGED
720 minute summer	J26	615	185.914	0.327	3.3	0.3696	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J12	1.013	J13	6.2	0.646	0.092	0.0627
720 minute summer	J13	1.014	J14	6.4	0.489	0.204	0.0248
720 minute summer	J14	1.015	J15	6.7	0.561	0.214	0.0228
720 minute summer	J15	1.016	J16	6.9	0.719	0.227	0.0497
720 minute summer	J16	1.017	J17	7.2	0.948	0.120	0.0257
720 minute summer	J17	1.018	S3	7.5	0.947	0.052	0.0154
720 minute summer	J18	1.020	J19	8.8	1.594	0.067	0.0082
720 minute summer	J19	1.021	S4	9.1	0.631	0.165	0.0637
720 minute summer	J20	23.002	J21	0.5	0.367	0.083	0.0050
720 minute summer	J21	23.003	J22	0.9	0.448	0.145	0.0347
720 minute summer	J22	23.004	J23	1.2	0.527	0.207	0.0279
720 minute summer	J23	23.005	S18	1.4	0.608	0.242	0.0587
720 minute summer	J24	23.007	J25	2.5	0.500	0.189	0.1088
720 minute summer	J25	23.008	J26	2.9	0.517	0.217	0.0874
720 minute summer	J26	23.009	S19	3.3	0.594	0.244	0.0652

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J27	630	185.929	0.468	4.4	0.5297	0.0000	SURCHARGED
720 minute summer	J28	375	186.387	0.031	1.2	0.0348	0.0000	OK
720 minute summer	J29	375	186.307	0.036	1.5	0.0405	0.0000	OK
720 minute summer	J30	375	186.191	0.044	2.2	0.0502	0.0000	OK
720 minute summer	J31	375	186.165	0.046	2.6	0.0525	0.0000	OK
720 minute summer	J32	375	186.113	0.049	3.0	0.0559	0.0000	OK
720 minute summer	J33	375	185.644	0.034	4.0	0.0385	0.0000	OK
720 minute summer	J34	375	185.182	0.057	5.1	0.0648	0.0000	OK
720 minute summer	J35	375	185.112	0.037	5.4	0.0423	0.0000	OK
720 minute summer	J36	375	184.937	0.061	5.8	0.0695	0.0000	OK
720 minute summer	J37	375	184.643	0.068	6.7	0.0772	0.0000	OK
720 minute summer	J38	375	184.455	0.080	7.4	0.0910	0.0000	OK
720 minute summer	J39	375	184.419	0.081	7.8	0.0911	0.0000	OK
720 minute summer	J40	375	184.395	0.070	8.1	0.0786	0.0000	OK
720 minute summer	J41	390	184.620	0.023	0.7	0.0256	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J27	23.011	S4	4.3	0.539	0.144	0.0951
720 minute summer	J28	32.001	J29	1.2	0.521	0.200	0.0201
720 minute summer	J29	32.002	S12	1.5	0.606	0.248	0.0113
720 minute summer	J30	32.004	J31	2.2	0.493	0.167	0.0224
720 minute summer	J31	32.005	J32	2.6	0.534	0.195	0.0471
720 minute summer	J32	32.006	S13	3.0	0.735	0.222	0.0215
720 minute summer	J33	32.008	S14	4.0	0.862	0.113	0.0428
720 minute summer	J34	32.010	J35	5.1	0.840	0.132	0.0553
720 minute summer	J35	32.011	J36	5.4	0.835	0.060	0.0450
720 minute summer	J36	32.012	S15	5.7	0.862	0.192	0.0160
720 minute summer	J37	32.014	S16	6.7	0.991	0.221	0.0361
720 minute summer	J38	32.016	J39	7.4	0.580	0.245	0.1378
720 minute summer	J39	32.017	J40	7.8	0.670	0.252	0.0423
720 minute summer	J40	32.018	S10	8.0	0.806	0.187	0.0956
720 minute summer	J41	48.002	J42	0.7	0.419	0.111	0.0098

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J42	375	184.565	0.028	1.0	0.0321	0.0000	OK
720 minute summer	J43	375	184.403	0.043	1.9	0.0486	0.0000	OK
720 minute summer	J44	375	184.392	0.042	2.2	0.0471	0.0000	OK
720 minute summer	J45	375	184.354	0.054	2.6	0.0614	0.0000	OK
720 minute summer	J46	375	184.331	0.059	3.6	0.0668	0.0000	OK
720 minute summer	J47	375	184.309	0.061	3.8	0.0687	0.0000	OK
720 minute summer	J48	375	184.222	0.068	4.8	0.0767	0.0000	OK
720 minute summer	J49	375	184.209	0.079	5.2	0.0899	0.0000	OK
720 minute summer	J50	375	184.201	0.076	5.5	0.0864	0.0000	OK
720 minute summer	J51	375	184.190	0.082	5.8	0.0925	0.0000	OK
720 minute summer	J52	375	184.181	0.077	6.3	0.0872	0.0000	OK
720 minute summer	J53	375	184.161	0.074	6.6	0.0841	0.0000	OK
720 minute summer	J54	375	185.004	0.025	0.8	0.0285	0.0000	OK
720 minute summer	J55	375	184.975	0.031	1.1	0.0346	0.0000	OK
720 minute summer	J56	375	184.059	0.092	9.5	0.1044	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J42	48.003	S21	1.0	0.472	0.175	0.0179
720 minute summer	J43	48.005	J44	1.9	0.460	0.134	0.0065
720 minute summer	J44	48.006	J45	2.2	0.463	0.168	0.0426
720 minute summer	J45	48.007	S22	2.6	0.434	0.193	0.0145
720 minute summer	J46	48.009	J47	3.6	0.543	0.267	0.0276
720 minute summer	J47	48.010	S23	3.8	0.615	0.288	0.0165
720 minute summer	J48	48.012	J49	4.8	0.426	0.160	0.0841
720 minute summer	J49	48.013	J50	5.2	0.424	0.168	0.0138
720 minute summer	J50	48.014	J51	5.5	0.444	0.185	0.0632
720 minute summer	J51	48.015	J52	5.8	0.464	0.190	0.0142
720 minute summer	J52	48.016	J53	6.3	0.541	0.208	0.0571
720 minute summer	J53	48.017	S24	6.6	0.627	0.219	0.1082
720 minute summer	J54	65.002	J55	0.8	0.424	0.128	0.0065
720 minute summer	J55	65.003	S24	1.1	0.570	0.191	0.0156
720 minute summer	J56	48.019	J57	9.5	0.517	0.175	0.1670

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Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J57	375	184.037	0.092	9.8	0.1044	0.0000	OK
720 minute summer	BASIN 1	570	185.898	0.898	13.3	116.6565	0.0000	SURCHARGED
720 minute summer	BASIN 2	960	184.760	0.460	1.3	45.2327	0.0000	OK
720 minute summer	BASIN 3	735	183.230	0.130	8.9	91.2285	0.0000	OK
720 minute summer	BASIN 4	720	184.000	0.670	9.8	95.0366	0.0000	SURCHARGED
720 minute summer	SWALE 1	585	184.965	0.032	1.3	0.0367	0.0000	OK
720 minute summer	SWALE 2	15	184.450	0.000	0.0	0.0000	0.0000	OK
720 minute summer	SWALE 3	375	184.143	0.073	8.9	0.0830	0.0000	OK
720 minute summer	BH1	960	184.760	0.683	0.4	2.7821	0.0000	OK
720 minute summer	BH2	735	183.230	0.178	0.8	2.4924	0.0000	OK
720 minute summer	BH3	720	184.000	0.694	1.0	4.8418	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J57	48.020	S25	9.8	0.554	0.181	0.1396
720 minute summer	BASIN 1	1.023	S5	1.3	0.106	0.025	0.6013
720 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
720 minute summer	BASIN 2	71.000	BH1	0.4	0.351	0.071	0.1829
720 minute summer	BASIN 3	1.034	BH2	0.8	0.236	0.010	1.1578
720 minute summer	BASIN 4	48.022	BH3	1.0	0.251	0.019	0.7181
720 minute summer	SWALE 1	1.025	S6	1.3	0.321	0.025	0.1562
720 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
720 minute summer	SWALE 3	1.033	BASIN 3	8.9	0.686	0.129	0.5613
720 minute summer	BH1	Infiltration		0.1			
720 minute summer	BH2	Infiltration		0.2			
720 minute summer	BH3	Infiltration		0.2			

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S1	330	188.383	0.013	0.3	0.0172	0.0000	OK
720 minute winter	S2	375	187.102	0.063	4.6	0.0929	0.0000	OK
720 minute winter	S3	375	186.280	0.068	6.6	0.0885	0.0000	OK
720 minute winter	S4	660	186.059	0.681	10.5	0.8095	0.0000	SURCHARGED
720 minute winter	S5	660	186.059	1.079	1.4	1.2207	0.0000	SURCHARGED
720 minute winter	S6	660	184.878	0.034	1.4	0.0388	0.0000	OK
720 minute winter	S7	15	184.779	0.000	0.0	0.0000	0.0000	OK
720 minute winter	S8	15	184.390	0.000	0.0	0.0000	0.0000	OK
720 minute winter	S9	390	184.226	0.026	0.0	0.0293	0.0000	OK
720 minute winter	S10	390	184.226	0.042	6.9	0.0639	0.0000	OK
720 minute winter	S11	360	186.424	0.024	0.7	0.0391	0.0000	OK
720 minute winter	S12	390	186.210	0.034	1.4	0.0388	0.0000	OK
720 minute winter	S13	390	186.065	0.030	2.8	0.0434	0.0000	OK
720 minute winter	S14	390	185.301	0.051	3.8	0.0802	0.0000	OK
720 minute winter	S15	390	184.902	0.035	4.9	0.0489	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	S1	1.000	J1	0.3	0.343	0.034	0.0077
720 minute winter	S2	1.012	J12	4.6	0.558	0.154	0.0124
720 minute winter	S3	1.019	J18	6.6	0.874	0.217	0.0394
720 minute winter	S4	1.022	BASIN 1	10.3	0.856	0.062	1.1778
720 minute winter	S5	1.024	SWALE 1	1.4	0.330	0.027	0.0888
720 minute winter	S6	1.026	BASIN 2	1.4	0.375	0.026	0.0221
720 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
720 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0175
720 minute winter	S9	1.031	S10	0.0	0.007	0.000	0.0296
720 minute winter	S10	1.032	SWALE 3	6.9	0.820	0.038	0.0371
720 minute winter	S11	32.000	J28	0.7	0.452	0.118	0.0070
720 minute winter	S12	32.003	J30	1.4	0.426	0.105	0.0167
720 minute winter	S13	32.007	J33	2.8	1.096	0.087	0.0332
720 minute winter	S14	32.009	J34	3.8	0.752	0.219	0.0264
720 minute winter	S15	32.013	J37	4.9	0.797	0.053	0.0581

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S16	390	184.586	0.029	5.4	0.0372	0.0000	OK
720 minute winter	S17	675	186.061	0.061	0.2	0.0693	0.0000	OK
720 minute winter	S18	675	186.061	0.400	1.8	0.5657	0.0000	SURCHARGED
720 minute winter	S19	675	186.061	0.570	3.1	0.7812	0.0000	SURCHARGED
720 minute winter	S20	405	184.662	0.020	0.5	0.0246	0.0000	OK
720 minute winter	S21	405	184.491	0.032	1.2	0.0379	0.0000	OK
720 minute winter	S22	405	184.337	0.051	2.6	0.0629	0.0000	OK
720 minute winter	S23	405	184.219	0.061	3.4	0.0719	0.0000	OK
720 minute winter	S24	705	184.140	0.163	7.2	0.2366	0.0000	OK
720 minute winter	S25	705	184.140	0.214	7.6	0.2420	0.0000	OK
720 minute winter	S26	420	185.390	0.013	0.3	0.0156	0.0000	OK
720 minute winter	FC1	405	188.353	0.103	0.3	0.1371	0.0000	SURCHARGED
720 minute winter	FC2	405	188.253	0.103	0.3	0.1375	0.0000	SURCHARGED
720 minute winter	FC3	375	188.428	0.228	0.5	0.3303	0.0000	SURCHARGED
720 minute winter	FC4	435	188.251	0.051	0.2	0.0653	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	S16	32.015	J38	5.4	0.835	0.037	0.0155
720 minute winter	S17	23.001	J20	0.2	0.279	0.033	0.0460
720 minute winter	S18	23.006	J24	1.8	0.450	0.129	0.0323
720 minute winter	S19	23.010	J27	3.1	0.431	0.103	0.3541
720 minute winter	S20	48.001	J41	0.5	0.452	0.084	0.0051
720 minute winter	S21	48.004	J43	1.2	0.575	0.203	0.0106
720 minute winter	S22	48.008	J46	2.6	0.488	0.194	0.0130
720 minute winter	S23	48.011	J48	3.4	0.408	0.110	0.0094
720 minute winter	S24	48.018	J56	7.2	0.465	0.134	0.1722
720 minute winter	S25	48.021	BASIN 4	7.6	0.598	0.137	0.1751
720 minute winter	S26	65.001	J54	0.3	0.515	0.034	0.0050
720 minute winter	FC1	2.000	J1	0.3	0.298	0.048	0.0048
720 minute winter	FC2	3.000	J2	0.3	0.198	0.050	0.0071
720 minute winter	FC3	4.000	J3	0.5	0.468	0.072	0.0092
720 minute winter	FC4	5.000	J4	0.2	0.413	0.026	0.0036

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC5	405	188.104	0.104	0.3	0.1381	0.0000	SURCHARGED
720 minute winter	FC6	420	187.900	0.050	0.2	0.0648	0.0000	OK
720 minute winter	FC7	435	187.801	0.051	0.2	0.0657	0.0000	OK
720 minute winter	FC8	405	187.850	0.100	0.3	0.1336	0.0000	SURCHARGED
720 minute winter	FC9	435	187.522	0.052	0.2	0.0670	0.0000	OK
720 minute winter	FC10	405	187.643	0.173	0.4	0.2439	0.0000	SURCHARGED
720 minute winter	FC11	375	187.415	0.094	0.3	0.1239	0.0000	OK
720 minute winter	FC12	375	187.325	0.094	0.3	0.1239	0.0000	OK
720 minute winter	FC13	405	187.104	0.104	0.3	0.1379	0.0000	SURCHARGED
720 minute winter	FC14	420	186.972	0.072	0.3	0.9267	0.0000	OK
720 minute winter	FC15	420	187.250	0.050	0.2	0.0648	0.0000	OK
720 minute winter	FC16	435	186.951	0.051	0.2	0.0664	0.0000	OK
720 minute winter	FC17	420	187.050	0.050	0.2	0.0648	0.0000	OK
720 minute winter	FC18	435	186.602	0.052	0.2	0.0671	0.0000	OK
720 minute winter	FC19	405	186.504	0.104	0.3	0.1380	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC5	6.000	J5	0.3	0.390	0.051	0.0032
720 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032
720 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037
720 minute winter	FC8	9.000	J8	0.3	0.550	0.031	0.0023
720 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041
720 minute winter	FC10	11.000	J10	0.4	0.460	0.060	0.0054
720 minute winter	FC11	12.000	J11	0.3	0.385	0.048	0.0057
720 minute winter	FC12	13.000	S2	0.3	0.385	0.048	0.0051
720 minute winter	FC13	14.000	J12	0.3	0.393	0.051	0.0052
720 minute winter	FC14	15.000	J13	0.2	0.370	0.041	0.0050
720 minute winter	FC15	16.000	J14	0.2	0.731	0.012	0.0013
720 minute winter	FC16	17.000	J15	0.2	0.370	0.031	0.0041
720 minute winter	FC17	18.000	J16	0.2	0.585	0.016	0.0016
720 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0040
720 minute winter	FC19	20.000	S3	0.3	0.391	0.051	0.0051

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC20	405	187.049	0.099	0.3	0.1318	0.0000	OK
720 minute winter	FC21	405	186.404	0.104	0.3	0.1379	0.0000	SURCHARGED
720 minute winter	FC22	450	186.499	0.049	0.2	0.4725	0.0000	OK
720 minute winter	FC23	435	186.352	0.052	0.2	0.0667	0.0000	OK
720 minute winter	FC24	405	186.402	0.102	0.3	0.1359	0.0000	SURCHARGED
720 minute winter	FC25	405	186.649	0.099	0.3	0.1318	0.0000	OK
720 minute winter	FC26	450	186.498	0.048	0.2	0.4898	0.0000	OK
720 minute winter	FC27	420	186.550	0.050	0.2	0.0648	0.0000	OK
720 minute winter	FC28	405	186.599	0.099	0.3	0.1318	0.0000	OK
720 minute winter	FC29	420	186.599	0.099	0.3	0.1339	0.0000	OK
720 minute winter	FC30	405	186.849	0.099	0.3	0.1318	0.0000	OK
720 minute winter	FC31	420	186.500	0.050	0.2	0.0648	0.0000	OK
720 minute winter	FC32	420	186.500	0.050	0.2	0.0648	0.0000	OK
720 minute winter	FC33	405	186.549	0.099	0.3	0.1318	0.0000	OK
720 minute winter	FC34	405	186.553	0.103	0.3	0.1376	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC20	21.000	J18	0.3	0.782	0.019	0.0017
720 minute winter	FC21	22.000	J19	0.3	0.391	0.051	0.0059
720 minute winter	FC22	23.000	S17	0.2	0.492	0.010	0.0121
720 minute winter	FC23	24.000	J20	0.2	0.362	0.032	0.0025
720 minute winter	FC24	25.000	J21	0.3	0.457	0.040	0.0030
720 minute winter	FC25	26.000	J22	0.3	0.775	0.019	0.0018
720 minute winter	FC26	27.000	J23	0.2	0.605	0.015	0.0015
720 minute winter	FC27	28.000	J24	0.2	0.755	0.011	0.0012
720 minute winter	FC28	29.000	J25	0.3	0.780	0.019	0.0017
720 minute winter	FC29	30.000	J26	0.3	0.759	0.020	0.0019
720 minute winter	FC30	31.000	J27	0.3	0.728	0.021	0.0018
720 minute winter	FC31	33.000	J28	0.2	0.231	0.022	0.0044
720 minute winter	FC32	34.000	J29	0.2	0.207	0.016	0.0049
720 minute winter	FC33	35.000	S12	0.3	0.716	0.021	0.0017
720 minute winter	FC34	36.000	J30	0.3	0.402	0.048	0.0036

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC35	405	186.549	0.099	0.3	0.1318	0.0000	OK
720 minute winter	FC36	420	186.549	0.099	0.3	0.1339	0.0000	OK
720 minute winter	FC37	390	185.968	0.167	0.4	0.2330	0.0000	SURCHARGED
720 minute winter	FC38	450	185.498	0.048	0.2	0.5716	0.0000	OK
720 minute winter	FC39	420	185.500	0.050	0.2	0.0648	0.0000	OK
720 minute winter	FC40	405	185.599	0.099	0.3	0.1318	0.0000	OK
720 minute winter	FC41	405	184.950	0.100	0.3	0.1330	0.0000	OK
720 minute winter	FC42	405	184.701	0.101	0.3	0.1346	0.0000	SURCHARGED
720 minute winter	FC43	405	184.700	0.100	0.3	0.1328	0.0000	OK
720 minute winter	FC44	300	184.610	0.009	0.2	0.0122	0.0000	OK
720 minute winter	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
720 minute winter	FC46	405	184.874	0.174	0.4	0.2449	0.0000	SURCHARGED
720 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute winter	FC48	405	184.899	0.099	0.3	0.1318	0.0000	OK
720 minute winter	FC49	405	184.904	0.104	0.3	0.1381	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC35	37.000	J31	0.3	0.720	0.021	0.0021
720 minute winter	FC36	38.000	J32	0.3	0.774	0.019	0.0019
720 minute winter	FC37	39.000	J33	0.4	0.562	0.045	0.0046
720 minute winter	FC38	40.000	J34	0.2	0.579	0.015	0.0016
720 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014
720 minute winter	FC40	42.000	J36	0.3	0.888	0.016	0.0017
720 minute winter	FC41	43.000	J37	0.3	0.581	0.029	0.0026
720 minute winter	FC42	44.000	J38	0.3	0.508	0.035	0.0029
720 minute winter	FC43	45.000	J39	0.3	0.592	0.028	0.0022
720 minute winter	FC44	46.000	J40	0.2	0.541	0.018	0.0016
720 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
720 minute winter	FC46	48.000	S20	0.4	0.388	0.067	0.0062
720 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0029
720 minute winter	FC48	50.000	J42	0.3	0.326	0.021	0.0048
720 minute winter	FC49	51.000	S21	0.3	0.390	0.051	0.0034

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC50	405	184.904	0.104	0.3	0.1380	0.0000	SURCHARGED
720 minute winter	FC51	405	184.954	0.104	0.3	0.1379	0.0000	SURCHARGED
720 minute winter	FC52	435	185.350	0.100	0.3	0.1374	0.0000	SURCHARGED
720 minute winter	FC53	405	185.351	0.101	0.3	0.1340	0.0000	SURCHARGED
720 minute winter	FC54	420	185.300	0.050	0.2	0.0648	0.0000	OK
720 minute winter	FC55	420	185.300	0.050	0.2	0.0648	0.0000	OK
720 minute winter	FC56	405	185.449	0.099	0.3	0.1318	0.0000	OK
720 minute winter	FC57	405	185.449	0.099	0.3	0.1318	0.0000	OK
720 minute winter	FC58	420	185.400	0.050	0.2	0.0648	0.0000	OK
720 minute winter	FC59	420	185.400	0.050	0.2	0.0648	0.0000	OK
720 minute winter	FC60	405	185.449	0.099	0.3	0.1321	0.0000	OK
720 minute winter	FC61	405	185.401	0.101	0.3	0.1344	0.0000	SURCHARGED
720 minute winter	FC62	420	185.422	0.172	0.4	0.2465	0.0000	SURCHARGED
720 minute winter	FC63	435	185.452	0.052	0.2	0.0674	0.0000	OK
720 minute winter	FC64	405	185.103	0.103	0.3	0.1376	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC50	52.000	J43	0.3	0.390	0.051	0.0036
720 minute winter	FC51	55.000	S22	0.3	0.391	0.051	0.0047
720 minute winter	FC52	58.000	S23	0.3	0.566	0.030	0.0029
720 minute winter	FC53	61.000	J50	0.3	0.533	0.032	0.0024
720 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015
720 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013
720 minute winter	FC56	53.000	J44	0.3	0.765	0.019	0.0026
720 minute winter	FC57	54.000	J45	0.3	0.718	0.021	0.0027
720 minute winter	FC58	56.000	J46	0.2	0.614	0.015	0.0020
720 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0023
720 minute winter	FC60	59.000	J48	0.3	0.634	0.025	0.0031
720 minute winter	FC61	60.000	J49	0.3	0.510	0.035	0.0043
720 minute winter	FC62	63.000	J52	0.4	0.512	0.052	0.0073
720 minute winter	FC63	65.000	S26	0.2	0.338	0.034	0.0014
720 minute winter	FC64	66.000	J54	0.3	0.295	0.051	0.0023

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC65	405	185.249	0.099	0.3	0.1318	0.0000	OK
720 minute winter	FC66	405	185.103	0.103	0.3	0.1366	0.0000	SURCHARGED
720 minute winter	FC67	450	184.850	0.050	0.2	0.5145	0.0000	OK
720 minute winter	FC68	420	184.600	0.050	0.2	0.0648	0.0000	OK
720 minute winter	J1	405	188.222	0.022	0.9	0.0301	0.0000	OK
720 minute winter	J2	405	188.140	0.034	1.2	0.0389	0.0000	OK
720 minute winter	J3	375	188.082	0.036	1.7	0.0409	0.0000	OK
720 minute winter	J4	375	188.060	0.025	1.9	0.0287	0.0000	OK
720 minute winter	J5	375	187.934	0.024	2.2	0.0274	0.0000	OK
720 minute winter	J6	390	187.683	0.033	2.4	0.0373	0.0000	OK
720 minute winter	J7	390	187.644	0.044	2.6	0.0502	0.0000	OK
720 minute winter	J8	390	187.625	0.032	2.9	0.0365	0.0000	OK
720 minute winter	J9	390	187.320	0.045	3.1	0.0511	0.0000	OK
720 minute winter	J10	390	187.296	0.026	3.5	0.0294	0.0000	OK
720 minute winter	J11	375	187.158	0.037	3.7	0.0423	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC65	67.000	J55	0.3	0.329	0.016	0.0023
720 minute winter	FC66	68.000	S24	0.3	0.439	0.042	0.0014
720 minute winter	FC67	69.000	J56	0.2	0.338	0.033	0.0012
720 minute winter	FC68	70.000	J57	0.2	0.458	0.022	0.0010
720 minute winter	J1	1.001	J2	0.9	0.494	0.108	0.0092
720 minute winter	J2	1.002	J3	1.2	0.546	0.203	0.0023
720 minute winter	J3	1.003	J4	1.7	0.638	0.125	0.0051
720 minute winter	J4	1.004	J5	1.9	0.976	0.055	0.0067
720 minute winter	J5	1.005	J6	2.2	0.922	0.056	0.0133
720 minute winter	J6	1.006	J7	2.4	0.656	0.083	0.0071
720 minute winter	J7	1.007	J8	2.6	0.721	0.183	0.0040
720 minute winter	J8	1.008	J9	2.9	1.054	0.094	0.0229
720 minute winter	J9	1.009	J10	3.1	0.769	0.093	0.0049
720 minute winter	J10	1.010	J11	3.5	1.018	0.027	0.0084
720 minute winter	J11	1.011	S2	3.7	0.567	0.058	0.0360

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J12	375	186.850	0.041	4.9	0.0468	0.0000	OK
720 minute winter	J13	375	186.776	0.074	5.1	0.0835	0.0000	OK
720 minute winter	J14	375	186.766	0.071	5.3	0.0803	0.0000	OK
720 minute winter	J15	375	186.753	0.065	5.5	0.0731	0.0000	OK
720 minute winter	J16	375	186.722	0.052	5.7	0.0588	0.0000	OK
720 minute winter	J17	375	186.391	0.033	5.9	0.0369	0.0000	OK
720 minute winter	J18	375	186.237	0.043	6.9	0.0483	0.0000	OK
720 minute winter	J19	375	186.102	0.075	7.2	0.0843	0.0000	OK
720 minute winter	J20	675	186.062	0.131	0.4	0.1478	0.0000	SURCHARGED
720 minute winter	J21	675	186.062	0.167	0.7	0.1886	0.0000	SURCHARGED
720 minute winter	J22	675	186.061	0.243	1.0	0.2753	0.0000	SURCHARGED
720 minute winter	J23	675	186.061	0.278	1.2	0.3148	0.0000	SURCHARGED
720 minute winter	J24	675	186.062	0.411	2.0	0.4654	0.0000	SURCHARGED
720 minute winter	J25	675	186.062	0.447	2.3	0.5051	0.0000	SURCHARGED
720 minute winter	J26	675	186.062	0.475	2.6	0.5373	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J12	1.013	J13	4.9	0.613	0.073	0.0528
720 minute winter	J13	1.014	J14	5.1	0.466	0.163	0.0209
720 minute winter	J14	1.015	J15	5.3	0.530	0.171	0.0193
720 minute winter	J15	1.016	J16	5.5	0.679	0.181	0.0418
720 minute winter	J16	1.017	J17	5.7	0.893	0.095	0.0216
720 minute winter	J17	1.018	S3	5.9	0.895	0.041	0.0129
720 minute winter	J18	1.020	J19	6.9	1.512	0.053	0.0068
720 minute winter	J19	1.021	S4	7.2	0.590	0.131	0.0538
720 minute winter	J20	23.002	J21	0.4	0.364	0.067	0.0295
720 minute winter	J21	23.003	J22	0.7	0.438	0.117	0.0627
720 minute winter	J22	23.004	J23	1.0	0.499	0.166	0.0281
720 minute winter	J23	23.005	S18	1.2	0.577	0.201	0.0587
720 minute winter	J24	23.007	J25	2.0	0.473	0.148	0.1088
720 minute winter	J25	23.008	J26	2.3	0.488	0.171	0.0874
720 minute winter	J26	23.009	S19	2.5	0.557	0.191	0.0652

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J27	675	186.064	0.603	3.4	0.6821	0.0000	SURCHARGED
720 minute winter	J28	390	186.383	0.027	0.9	0.0300	0.0000	OK
720 minute winter	J29	390	186.302	0.031	1.1	0.0346	0.0000	OK
720 minute winter	J30	390	186.185	0.038	1.7	0.0435	0.0000	OK
720 minute winter	J31	390	186.159	0.040	2.0	0.0456	0.0000	OK
720 minute winter	J32	390	186.108	0.043	2.3	0.0492	0.0000	OK
720 minute winter	J33	390	185.640	0.030	3.2	0.0344	0.0000	OK
720 minute winter	J34	390	185.176	0.051	4.0	0.0573	0.0000	OK
720 minute winter	J35	390	185.108	0.033	4.2	0.0374	0.0000	OK
720 minute winter	J36	390	184.929	0.054	4.5	0.0615	0.0000	OK
720 minute winter	J37	390	184.635	0.060	5.2	0.0682	0.0000	OK
720 minute winter	J38	390	184.445	0.069	5.7	0.0786	0.0000	OK
720 minute winter	J39	390	184.408	0.070	6.0	0.0790	0.0000	OK
720 minute winter	J40	390	184.385	0.060	6.2	0.0682	0.0000	OK
720 minute winter	J41	405	184.617	0.020	0.5	0.0222	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J27	23.011	S4	3.3	0.497	0.110	0.0951
720 minute winter	J28	32.001	J29	0.9	0.489	0.152	0.0163
720 minute winter	J29	32.002	S12	1.1	0.562	0.185	0.0091
720 minute winter	J30	32.004	J31	1.7	0.462	0.128	0.0183
720 minute winter	J31	32.005	J32	2.0	0.498	0.150	0.0391
720 minute winter	J32	32.006	S13	2.3	0.683	0.173	0.0180
720 minute winter	J33	32.008	S14	3.2	0.826	0.090	0.0356
720 minute winter	J34	32.010	J35	4.0	0.782	0.103	0.0464
720 minute winter	J35	32.011	J36	4.2	0.772	0.047	0.0378
720 minute winter	J36	32.012	S15	4.5	0.802	0.149	0.0134
720 minute winter	J37	32.014	S16	5.2	0.924	0.170	0.0300
720 minute winter	J38	32.016	J39	5.7	0.543	0.188	0.1130
720 minute winter	J39	32.017	J40	6.0	0.629	0.194	0.0348
720 minute winter	J40	32.018	S10	6.2	0.750	0.143	0.0788
720 minute winter	J41	48.002	J42	0.5	0.386	0.084	0.0081

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J42	405	184.562	0.025	0.8	0.0281	0.0000	OK
720 minute winter	J43	405	184.398	0.038	1.5	0.0429	0.0000	OK
720 minute winter	J44	405	184.387	0.037	1.8	0.0419	0.0000	OK
720 minute winter	J45	405	184.347	0.047	2.1	0.0532	0.0000	OK
720 minute winter	J46	405	184.323	0.051	2.8	0.0580	0.0000	OK
720 minute winter	J47	405	184.301	0.053	3.0	0.0597	0.0000	OK
720 minute winter	J48	405	184.212	0.058	3.7	0.0652	0.0000	OK
720 minute winter	J49	405	184.197	0.068	4.0	0.0772	0.0000	OK
720 minute winter	J50	405	184.191	0.066	4.3	0.0741	0.0000	OK
720 minute winter	J51	405	184.179	0.071	4.5	0.0800	0.0000	OK
720 minute winter	J52	405	184.171	0.067	4.9	0.0755	0.0000	OK
720 minute winter	J53	405	184.152	0.065	5.1	0.0733	0.0000	OK
720 minute winter	J54	405	185.001	0.022	0.6	0.0252	0.0000	OK
720 minute winter	J55	405	184.971	0.027	0.9	0.0307	0.0000	OK
720 minute winter	J56	705	184.140	0.173	7.4	0.1956	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J42	48.003	S21	0.8	0.437	0.136	0.0150
720 minute winter	J43	48.005	J44	1.5	0.436	0.107	0.0055
720 minute winter	J44	48.006	J45	1.8	0.445	0.135	0.0356
720 minute winter	J45	48.007	S22	2.1	0.417	0.155	0.0120
720 minute winter	J46	48.009	J47	2.8	0.516	0.210	0.0228
720 minute winter	J47	48.010	S23	3.0	0.576	0.225	0.0137
720 minute winter	J48	48.012	J49	3.7	0.408	0.124	0.0677
720 minute winter	J49	48.013	J50	4.0	0.405	0.130	0.0112
720 minute winter	J50	48.014	J51	4.3	0.424	0.144	0.0514
720 minute winter	J51	48.015	J52	4.5	0.438	0.147	0.0116
720 minute winter	J52	48.016	J53	4.9	0.508	0.161	0.0470
720 minute winter	J53	48.017	S24	5.1	0.584	0.169	0.1101
720 minute winter	J54	65.002	J55	0.6	0.400	0.101	0.0055
720 minute winter	J55	65.003	S24	0.9	0.535	0.153	0.0132
720 minute winter	J56	48.019	J57	7.4	0.486	0.136	0.4112

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Results for 30 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J57	705	184.140	0.195	7.6	0.2205	0.0000	OK
720 minute winter	BASIN 1	660	186.059	1.059	10.3	141.9205	0.0000	SURCHARGED
720 minute winter	BASIN 2	960	184.816	0.516	1.4	51.4918	0.0000	OK
720 minute winter	BASIN 3	720	183.258	0.158	6.9	110.4527	0.0000	OK
720 minute winter	BASIN 4	705	184.140	0.810	7.6	117.9934	0.0000	SURCHARGED
720 minute winter	SWALE 1	660	184.966	0.034	1.4	0.0382	0.0000	OK
720 minute winter	SWALE 2	15	184.450	0.000	0.0	0.0000	0.0000	OK
720 minute winter	SWALE 3	390	184.134	0.064	6.9	0.0727	0.0000	OK
720 minute winter	BH1	960	184.816	0.738	0.5	2.9432	0.0000	OK
720 minute winter	BH2	720	183.258	0.206	0.8	2.6270	0.0000	OK
720 minute winter	BH3	705	184.140	0.834	1.1	5.4968	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J57	48.020	S25	7.6	0.517	0.140	0.4046
720 minute winter	BASIN 1	1.023	S5	1.4	0.096	0.027	0.6013
720 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
720 minute winter	BASIN 2	71.000	BH1	0.5	0.386	0.088	0.1829
720 minute winter	BASIN 3	1.034	BH2	0.8	0.242	0.010	1.4278
720 minute winter	BASIN 4	48.022	BH3	1.1	0.398	0.020	0.7181
720 minute winter	SWALE 1	1.025	S6	1.4	0.329	0.027	0.1655
720 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
720 minute winter	SWALE 3	1.033	BASIN 3	6.9	0.639	0.099	0.4647
720 minute winter	BH1	Infiltration		0.1			
720 minute winter	BH2	Infiltration		0.2			
720 minute winter	BH3	Infiltration		0.2			

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S1	465	188.383	0.013	0.3	0.0172	0.0000	OK
960 minute summer	S2	495	187.103	0.064	4.7	0.0936	0.0000	OK
960 minute summer	S3	495	186.280	0.068	6.7	0.0889	0.0000	OK
960 minute summer	S4	705	185.893	0.515	11.0	0.6119	0.0000	SURCHARGED
960 minute summer	S5	705	185.893	0.913	1.3	1.0326	0.0000	SURCHARGED
960 minute summer	S6	720	184.877	0.033	1.3	0.0374	0.0000	OK
960 minute summer	S7	1200	184.784	0.005	0.1	0.0052	0.0000	OK
960 minute summer	S8	1200	184.391	0.001	0.0	0.0006	0.0000	OK
960 minute summer	S9	495	184.227	0.027	0.0	0.0302	0.0000	OK
960 minute summer	S10	495	184.227	0.043	7.1	0.0652	0.0000	OK
960 minute summer	S11	495	186.426	0.026	0.8	0.0419	0.0000	OK
960 minute summer	S12	495	186.212	0.036	1.5	0.0403	0.0000	OK
960 minute summer	S13	495	186.065	0.031	2.9	0.0441	0.0000	OK
960 minute summer	S14	495	185.302	0.052	4.0	0.0823	0.0000	OK
960 minute summer	S15	495	184.903	0.036	5.1	0.0502	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	S1	1.000	J1	0.3	0.343	0.034	0.0077
960 minute summer	S2	1.012	J12	4.7	0.561	0.157	0.0125
960 minute summer	S3	1.019	J18	6.7	0.876	0.218	0.0396
960 minute summer	S4	1.022	BASIN 1	10.7	0.746	0.064	1.1778
960 minute summer	S5	1.024	SWALE 1	1.3	0.322	0.025	0.0835
960 minute summer	S6	1.026	BASIN 2	1.3	0.363	0.024	0.0209
960 minute summer	S7	1.028	SWALE 2	0.1	0.235	0.000	0.0038
960 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0184
960 minute summer	S9	1.031	S10	0.0	0.006	0.000	0.0307
960 minute summer	S10	1.032	SWALE 3	7.1	0.826	0.039	0.0380
960 minute summer	S11	32.000	J28	0.8	0.472	0.135	0.0077
960 minute summer	S12	32.003	J30	1.5	0.434	0.112	0.0175
960 minute summer	S13	32.007	J33	2.9	1.106	0.089	0.0339
960 minute summer	S14	32.009	J34	4.0	0.761	0.229	0.0273
960 minute summer	S15	32.013	J37	5.1	0.812	0.056	0.0601

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S16	495	184.587	0.030	5.6	0.0380	0.0000	OK
960 minute summer	S17	540	186.012	0.012	0.2	0.0139	0.0000	OK
960 minute summer	S18	750	185.909	0.248	1.9	0.3499	0.0000	SURCHARGED
960 minute summer	S19	735	185.903	0.412	3.3	0.5644	0.0000	SURCHARGED
960 minute summer	S20	495	184.664	0.022	0.6	0.0267	0.0000	OK
960 minute summer	S21	495	184.492	0.033	1.3	0.0392	0.0000	OK
960 minute summer	S22	495	184.338	0.052	2.7	0.0636	0.0000	OK
960 minute summer	S23	495	184.221	0.063	3.6	0.0744	0.0000	OK
960 minute summer	S24	495	184.062	0.085	7.5	0.1235	0.0000	OK
960 minute summer	S25	495	184.004	0.078	7.9	0.0882	0.0000	OK
960 minute summer	S26	540	185.390	0.013	0.3	0.0156	0.0000	OK
960 minute summer	FC1	510	188.352	0.102	0.3	0.1359	0.0000	SURCHARGED
960 minute summer	FC2	510	188.252	0.102	0.3	0.1363	0.0000	SURCHARGED
960 minute summer	FC3	495	188.425	0.225	0.5	0.3260	0.0000	SURCHARGED
960 minute summer	FC4	540	188.251	0.051	0.2	0.0653	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	S16	32.015	J38	5.6	0.846	0.038	0.0160
960 minute summer	S17	23.001	J20	0.2	0.275	0.032	0.0053
960 minute summer	S18	23.006	J24	1.9	0.454	0.136	0.0323
960 minute summer	S19	23.010	J27	3.3	0.451	0.111	0.3541
960 minute summer	S20	48.001	J41	0.6	0.471	0.099	0.0058
960 minute summer	S21	48.004	J43	1.3	0.584	0.216	0.0111
960 minute summer	S22	48.008	J46	2.7	0.490	0.198	0.0132
960 minute summer	S23	48.011	J48	3.6	0.414	0.117	0.0098
960 minute summer	S24	48.018	J56	7.5	0.471	0.141	0.0680
960 minute summer	S25	48.021	BASIN 4	7.9	0.605	0.143	0.0476
960 minute summer	S26	65.001	J54	0.3	0.515	0.034	0.0050
960 minute summer	FC1	2.000	J1	0.3	0.298	0.048	0.0048
960 minute summer	FC2	3.000	J2	0.3	0.198	0.050	0.0071
960 minute summer	FC3	4.000	J3	0.5	0.467	0.072	0.0092
960 minute summer	FC4	5.000	J4	0.2	0.413	0.026	0.0036

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC5	510	188.103	0.103	0.3	0.1369	0.0000	SURCHARGED
960 minute summer	FC6	540	187.900	0.050	0.2	0.0648	0.0000	OK
960 minute summer	FC7	540	187.801	0.051	0.2	0.0657	0.0000	OK
960 minute summer	FC8	510	187.850	0.100	0.3	0.1325	0.0000	OK
960 minute summer	FC9	540	187.522	0.052	0.2	0.0670	0.0000	OK
960 minute summer	FC10	510	187.639	0.169	0.4	0.2389	0.0000	SURCHARGED
960 minute summer	FC11	495	187.415	0.094	0.3	0.1239	0.0000	OK
960 minute summer	FC12	495	187.325	0.094	0.3	0.1239	0.0000	OK
960 minute summer	FC13	510	187.103	0.103	0.3	0.1367	0.0000	SURCHARGED
960 minute summer	FC14	525	186.965	0.064	0.3	0.8248	0.0000	OK
960 minute summer	FC15	540	187.250	0.050	0.2	0.0648	0.0000	OK
960 minute summer	FC16	540	186.951	0.051	0.2	0.0664	0.0000	OK
960 minute summer	FC17	540	187.050	0.050	0.2	0.0648	0.0000	OK
960 minute summer	FC18	540	186.602	0.052	0.2	0.0671	0.0000	OK
960 minute summer	FC19	510	186.503	0.103	0.3	0.1367	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC5	6.000	J5	0.3	0.389	0.050	0.0032
960 minute summer	FC6	7.000	J6	0.2	0.453	0.023	0.0032
960 minute summer	FC7	8.000	J7	0.2	0.394	0.028	0.0037
960 minute summer	FC8	9.000	J8	0.3	0.549	0.031	0.0023
960 minute summer	FC9	10.000	J9	0.2	0.349	0.034	0.0041
960 minute summer	FC10	11.000	J10	0.4	0.458	0.059	0.0054
960 minute summer	FC11	12.000	J11	0.3	0.385	0.048	0.0057
960 minute summer	FC12	13.000	S2	0.3	0.385	0.048	0.0051
960 minute summer	FC13	14.000	J12	0.3	0.392	0.050	0.0052
960 minute summer	FC14	15.000	J13	0.2	0.363	0.038	0.0048
960 minute summer	FC15	16.000	J14	0.2	0.731	0.012	0.0013
960 minute summer	FC16	17.000	J15	0.2	0.370	0.031	0.0041
960 minute summer	FC17	18.000	J16	0.2	0.585	0.016	0.0016
960 minute summer	FC18	19.000	J17	0.2	0.347	0.034	0.0040
960 minute summer	FC19	20.000	S3	0.3	0.390	0.051	0.0051

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC20	510	187.048	0.098	0.3	0.1309	0.0000	OK
960 minute summer	FC21	510	186.403	0.103	0.3	0.1367	0.0000	SURCHARGED
960 minute summer	FC22	540	186.496	0.046	0.2	0.4479	0.0000	OK
960 minute summer	FC23	540	186.352	0.052	0.2	0.0667	0.0000	OK
960 minute summer	FC24	510	186.401	0.101	0.3	0.1347	0.0000	SURCHARGED
960 minute summer	FC25	510	186.648	0.098	0.3	0.1309	0.0000	OK
960 minute summer	FC26	540	186.496	0.046	0.2	0.4630	0.0000	OK
960 minute summer	FC27	540	186.550	0.050	0.2	0.0648	0.0000	OK
960 minute summer	FC28	510	186.598	0.098	0.3	0.1309	0.0000	OK
960 minute summer	FC29	525	186.599	0.099	0.3	0.1338	0.0000	OK
960 minute summer	FC30	510	186.848	0.098	0.3	0.1309	0.0000	OK
960 minute summer	FC31	540	186.500	0.050	0.2	0.0648	0.0000	OK
960 minute summer	FC32	540	186.500	0.050	0.2	0.0648	0.0000	OK
960 minute summer	FC33	510	186.548	0.098	0.3	0.1309	0.0000	OK
960 minute summer	FC34	510	186.553	0.102	0.3	0.1364	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC20	21.000	J18	0.3	0.781	0.019	0.0017
960 minute summer	FC21	22.000	J19	0.3	0.391	0.051	0.0058
960 minute summer	FC22	23.000	S17	0.2	0.486	0.010	0.0019
960 minute summer	FC23	24.000	J20	0.2	0.362	0.032	0.0025
960 minute summer	FC24	25.000	J21	0.3	0.456	0.040	0.0030
960 minute summer	FC25	26.000	J22	0.3	0.774	0.019	0.0018
960 minute summer	FC26	27.000	J23	0.2	0.598	0.014	0.0015
960 minute summer	FC27	28.000	J24	0.2	0.755	0.011	0.0012
960 minute summer	FC28	29.000	J25	0.3	0.779	0.019	0.0017
960 minute summer	FC29	30.000	J26	0.3	0.759	0.020	0.0019
960 minute summer	FC30	31.000	J27	0.3	0.727	0.021	0.0018
960 minute summer	FC31	33.000	J28	0.2	0.230	0.022	0.0047
960 minute summer	FC32	34.000	J29	0.2	0.205	0.016	0.0052
960 minute summer	FC33	35.000	S12	0.3	0.715	0.021	0.0017
960 minute summer	FC34	36.000	J30	0.3	0.402	0.048	0.0035

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC35	510	186.548	0.098	0.3	0.1309	0.0000	OK
960 minute summer	FC36	525	186.549	0.099	0.3	0.1338	0.0000	OK
960 minute summer	FC37	510	185.967	0.167	0.4	0.2327	0.0000	SURCHARGED
960 minute summer	FC38	540	185.494	0.044	0.2	0.5334	0.0000	OK
960 minute summer	FC39	540	185.500	0.050	0.2	0.0648	0.0000	OK
960 minute summer	FC40	510	185.598	0.098	0.3	0.1309	0.0000	OK
960 minute summer	FC41	510	184.949	0.099	0.3	0.1319	0.0000	OK
960 minute summer	FC42	510	184.700	0.100	0.3	0.1334	0.0000	SURCHARGED
960 minute summer	FC43	510	184.699	0.099	0.3	0.1317	0.0000	OK
960 minute summer	FC44	450	184.610	0.009	0.2	0.0122	0.0000	OK
960 minute summer	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	FC46	510	184.870	0.170	0.4	0.2397	0.0000	SURCHARGED
960 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute summer	FC48	510	184.898	0.098	0.3	0.1309	0.0000	OK
960 minute summer	FC49	510	184.903	0.103	0.3	0.1369	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC35	37.000	J31	0.3	0.720	0.021	0.0021
960 minute summer	FC36	38.000	J32	0.3	0.774	0.019	0.0019
960 minute summer	FC37	39.000	J33	0.4	0.562	0.045	0.0046
960 minute summer	FC38	40.000	J34	0.2	0.571	0.015	0.0015
960 minute summer	FC39	41.000	J35	0.2	0.645	0.014	0.0014
960 minute summer	FC40	42.000	J36	0.3	0.887	0.016	0.0017
960 minute summer	FC41	43.000	J37	0.3	0.580	0.028	0.0026
960 minute summer	FC42	44.000	J38	0.3	0.507	0.035	0.0029
960 minute summer	FC43	45.000	J39	0.3	0.592	0.028	0.0022
960 minute summer	FC44	46.000	J40	0.2	0.541	0.018	0.0016
960 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
960 minute summer	FC46	48.000	S20	0.4	0.385	0.066	0.0065
960 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0032
960 minute summer	FC48	50.000	J42	0.3	0.324	0.021	0.0051
960 minute summer	FC49	51.000	S21	0.3	0.389	0.050	0.0033

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC50	510	184.903	0.103	0.3	0.1368	0.0000	SURCHARGED
960 minute summer	FC51	510	184.953	0.103	0.3	0.1367	0.0000	SURCHARGED
960 minute summer	FC52	495	185.400	0.150	0.4	0.2052	0.0000	SURCHARGED
960 minute summer	FC53	510	185.350	0.100	0.3	0.1328	0.0000	OK
960 minute summer	FC54	540	185.300	0.050	0.2	0.0648	0.0000	OK
960 minute summer	FC55	540	185.300	0.050	0.2	0.0648	0.0000	OK
960 minute summer	FC56	510	185.448	0.098	0.3	0.1309	0.0000	OK
960 minute summer	FC57	510	185.448	0.098	0.3	0.1309	0.0000	OK
960 minute summer	FC58	540	185.400	0.050	0.2	0.0648	0.0000	OK
960 minute summer	FC59	540	185.400	0.050	0.2	0.0648	0.0000	OK
960 minute summer	FC60	510	185.448	0.098	0.3	0.1310	0.0000	OK
960 minute summer	FC61	510	185.400	0.100	0.3	0.1333	0.0000	SURCHARGED
960 minute summer	FC62	495	185.474	0.224	0.5	0.3202	0.0000	SURCHARGED
960 minute summer	FC63	540	185.452	0.052	0.2	0.0674	0.0000	OK
960 minute summer	FC64	510	185.103	0.102	0.3	0.1364	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC50	52.000	J43	0.3	0.390	0.050	0.0036
960 minute summer	FC51	55.000	S22	0.3	0.391	0.050	0.0047
960 minute summer	FC52	58.000	S23	0.4	0.604	0.037	0.0034
960 minute summer	FC53	61.000	J50	0.3	0.532	0.032	0.0024
960 minute summer	FC54	62.000	J51	0.2	0.524	0.019	0.0015
960 minute summer	FC55	64.000	J53	0.2	0.659	0.013	0.0013
960 minute summer	FC56	53.000	J44	0.3	0.764	0.019	0.0026
960 minute summer	FC57	54.000	J45	0.3	0.717	0.021	0.0027
960 minute summer	FC58	56.000	J46	0.2	0.614	0.015	0.0020
960 minute summer	FC59	57.000	J47	0.2	0.569	0.017	0.0023
960 minute summer	FC60	59.000	J48	0.3	0.633	0.025	0.0031
960 minute summer	FC61	60.000	J49	0.3	0.509	0.035	0.0043
960 minute summer	FC62	63.000	J52	0.5	0.532	0.060	0.0081
960 minute summer	FC63	65.000	S26	0.2	0.338	0.034	0.0014
960 minute summer	FC64	66.000	J54	0.3	0.294	0.051	0.0022

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC65	510	185.248	0.098	0.3	0.1309	0.0000	OK
960 minute summer	FC66	510	185.102	0.102	0.3	0.1354	0.0000	SURCHARGED
960 minute summer	FC67	540	184.847	0.047	0.2	0.4815	0.0000	OK
960 minute summer	FC68	540	184.600	0.050	0.2	0.0648	0.0000	OK
960 minute summer	J1	510	188.222	0.022	0.9	0.0301	0.0000	OK
960 minute summer	J2	510	188.140	0.034	1.2	0.0388	0.0000	OK
960 minute summer	J3	510	188.082	0.036	1.6	0.0408	0.0000	OK
960 minute summer	J4	510	188.060	0.025	1.8	0.0287	0.0000	OK
960 minute summer	J5	510	187.934	0.024	2.1	0.0274	0.0000	OK
960 minute summer	J6	510	187.683	0.033	2.3	0.0373	0.0000	OK
960 minute summer	J7	510	187.644	0.044	2.5	0.0501	0.0000	OK
960 minute summer	J8	510	187.625	0.032	2.8	0.0365	0.0000	OK
960 minute summer	J9	510	187.320	0.045	3.0	0.0511	0.0000	OK
960 minute summer	J10	510	187.296	0.026	3.5	0.0294	0.0000	OK
960 minute summer	J11	510	187.158	0.037	3.7	0.0422	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC65	67.000	J55	0.3	0.329	0.016	0.0023
960 minute summer	FC66	68.000	S24	0.3	0.439	0.041	0.0014
960 minute summer	FC67	69.000	J56	0.2	0.334	0.032	0.0012
960 minute summer	FC68	70.000	J57	0.2	0.458	0.022	0.0010
960 minute summer	J1	1.001	J2	0.9	0.494	0.108	0.0092
960 minute summer	J2	1.002	J3	1.2	0.545	0.202	0.0023
960 minute summer	J3	1.003	J4	1.6	0.637	0.124	0.0051
960 minute summer	J4	1.004	J5	1.9	0.975	0.055	0.0067
960 minute summer	J5	1.005	J6	2.1	0.921	0.056	0.0133
960 minute summer	J6	1.006	J7	2.3	0.655	0.083	0.0071
960 minute summer	J7	1.007	J8	2.5	0.721	0.183	0.0040
960 minute summer	J8	1.008	J9	2.8	1.053	0.094	0.0229
960 minute summer	J9	1.009	J10	3.1	0.763	0.092	0.0049
960 minute summer	J10	1.010	J11	3.4	1.019	0.027	0.0084
960 minute summer	J11	1.011	S2	3.7	0.565	0.058	0.0361

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J12	495	186.851	0.042	5.0	0.0472	0.0000	OK
960 minute summer	J13	495	186.776	0.074	5.2	0.0840	0.0000	OK
960 minute summer	J14	495	186.766	0.071	5.4	0.0807	0.0000	OK
960 minute summer	J15	495	186.753	0.065	5.6	0.0734	0.0000	OK
960 minute summer	J16	495	186.722	0.052	5.8	0.0591	0.0000	OK
960 minute summer	J17	495	186.391	0.033	6.0	0.0372	0.0000	OK
960 minute summer	J18	495	186.237	0.043	7.0	0.0485	0.0000	OK
960 minute summer	J19	495	186.102	0.075	7.3	0.0846	0.0000	OK
960 minute summer	J20	540	185.949	0.018	0.4	0.0201	0.0000	OK
960 minute summer	J21	510	185.918	0.023	0.7	0.0259	0.0000	OK
960 minute summer	J22	750	185.908	0.090	1.0	0.1019	0.0000	OK
960 minute summer	J23	750	185.908	0.125	1.2	0.1417	0.0000	SURCHARGED
960 minute summer	J24	750	185.908	0.258	2.0	0.2922	0.0000	SURCHARGED
960 minute summer	J25	750	185.908	0.293	2.3	0.3316	0.0000	SURCHARGED
960 minute summer	J26	750	185.910	0.323	2.6	0.3649	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J12	1.013	J13	5.0	0.616	0.074	0.0533
960 minute summer	J13	1.014	J14	5.2	0.467	0.165	0.0211
960 minute summer	J14	1.015	J15	5.4	0.532	0.172	0.0194
960 minute summer	J15	1.016	J16	5.6	0.681	0.182	0.0421
960 minute summer	J16	1.017	J17	5.8	0.895	0.096	0.0217
960 minute summer	J17	1.018	S3	6.0	0.898	0.041	0.0130
960 minute summer	J18	1.020	J19	7.0	1.515	0.054	0.0069
960 minute summer	J19	1.021	S4	7.3	0.591	0.132	0.0541
960 minute summer	J20	23.002	J21	0.4	0.359	0.066	0.0042
960 minute summer	J21	23.003	J22	0.7	0.422	0.115	0.0323
960 minute summer	J22	23.004	J23	1.0	0.495	0.174	0.0274
960 minute summer	J23	23.005	S18	1.8	0.574	0.303	0.0587
960 minute summer	J24	23.007	J25	2.0	0.478	0.153	0.1088
960 minute summer	J25	23.008	J26	2.3	0.493	0.176	0.0874
960 minute summer	J26	23.009	S19	2.6	0.562	0.198	0.0652

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J27	765	185.925	0.464	3.6	0.5253	0.0000	SURCHARGED
960 minute summer	J28	495	186.384	0.028	1.0	0.0318	0.0000	OK
960 minute summer	J29	495	186.303	0.032	1.2	0.0362	0.0000	OK
960 minute summer	J30	495	186.187	0.040	1.8	0.0447	0.0000	OK
960 minute summer	J31	495	186.160	0.041	2.1	0.0467	0.0000	OK
960 minute summer	J32	495	186.108	0.044	2.4	0.0501	0.0000	OK
960 minute summer	J33	495	185.641	0.031	3.3	0.0348	0.0000	OK
960 minute summer	J34	495	185.177	0.052	4.1	0.0585	0.0000	OK
960 minute summer	J35	495	185.109	0.034	4.3	0.0381	0.0000	OK
960 minute summer	J36	495	184.930	0.055	4.6	0.0626	0.0000	OK
960 minute summer	J37	495	184.637	0.062	5.4	0.0697	0.0000	OK
960 minute summer	J38	495	184.446	0.071	5.9	0.0804	0.0000	OK
960 minute summer	J39	495	184.409	0.071	6.2	0.0807	0.0000	OK
960 minute summer	J40	495	184.387	0.062	6.4	0.0696	0.0000	OK
960 minute summer	J41	495	184.618	0.021	0.6	0.0242	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J27	23.011	S4	3.5	0.520	0.118	0.0951
960 minute summer	J28	32.001	J29	1.0	0.505	0.169	0.0175
960 minute summer	J29	32.002	S12	1.2	0.575	0.202	0.0097
960 minute summer	J30	32.004	J31	1.8	0.469	0.135	0.0190
960 minute summer	J31	32.005	J32	2.1	0.504	0.157	0.0403
960 minute summer	J32	32.006	S13	2.4	0.691	0.179	0.0184
960 minute summer	J33	32.008	S14	3.3	0.827	0.092	0.0366
960 minute summer	J34	32.010	J35	4.1	0.792	0.107	0.0477
960 minute summer	J35	32.011	J36	4.3	0.782	0.049	0.0387
960 minute summer	J36	32.012	S15	4.6	0.806	0.154	0.0138
960 minute summer	J37	32.014	S16	5.4	0.938	0.178	0.0310
960 minute summer	J38	32.016	J39	5.9	0.550	0.196	0.1165
960 minute summer	J39	32.017	J40	6.2	0.635	0.202	0.0358
960 minute summer	J40	32.018	S10	6.4	0.758	0.149	0.0810
960 minute summer	J41	48.002	J42	0.6	0.412	0.099	0.0089

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J42	495	184.563	0.026	0.9	0.0296	0.0000	OK
960 minute summer	J43	495	184.399	0.039	1.6	0.0440	0.0000	OK
960 minute summer	J44	495	184.388	0.038	1.9	0.0428	0.0000	OK
960 minute summer	J45	495	184.348	0.048	2.2	0.0541	0.0000	OK
960 minute summer	J46	495	184.324	0.052	2.9	0.0586	0.0000	OK
960 minute summer	J47	495	184.301	0.053	3.1	0.0603	0.0000	OK
960 minute summer	J48	495	184.214	0.060	3.9	0.0675	0.0000	OK
960 minute summer	J49	495	184.199	0.070	4.2	0.0794	0.0000	OK
960 minute summer	J50	495	184.192	0.067	4.5	0.0763	0.0000	OK
960 minute summer	J51	495	184.181	0.073	4.7	0.0822	0.0000	OK
960 minute summer	J52	495	184.173	0.069	5.2	0.0777	0.0000	OK
960 minute summer	J53	495	184.154	0.067	5.4	0.0752	0.0000	OK
960 minute summer	J54	510	185.001	0.022	0.6	0.0251	0.0000	OK
960 minute summer	J55	510	184.971	0.027	0.9	0.0306	0.0000	OK
960 minute summer	J56	495	184.049	0.082	7.7	0.0929	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J42	48.003	S21	0.9	0.455	0.150	0.0159
960 minute summer	J43	48.005	J44	1.6	0.442	0.112	0.0057
960 minute summer	J44	48.006	J45	1.9	0.450	0.140	0.0365
960 minute summer	J45	48.007	S22	2.2	0.421	0.159	0.0122
960 minute summer	J46	48.009	J47	2.9	0.519	0.214	0.0232
960 minute summer	J47	48.010	S23	3.1	0.579	0.229	0.0139
960 minute summer	J48	48.012	J49	3.9	0.413	0.131	0.0706
960 minute summer	J49	48.013	J50	4.2	0.410	0.137	0.0117
960 minute summer	J50	48.014	J51	4.5	0.428	0.151	0.0534
960 minute summer	J51	48.015	J52	4.7	0.441	0.153	0.0121
960 minute summer	J52	48.016	J53	5.2	0.515	0.169	0.0488
960 minute summer	J53	48.017	S24	5.4	0.591	0.177	0.0929
960 minute summer	J54	65.002	J55	0.6	0.400	0.101	0.0055
960 minute summer	J55	65.003	S24	0.9	0.535	0.152	0.0132
960 minute summer	J56	48.019	J57	7.7	0.492	0.142	0.1424

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Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J57	495	184.028	0.082	7.9	0.0933	0.0000	OK
960 minute summer	BASIN 1	705	185.893	0.893	10.7	115.9161	0.0000	SURCHARGED
960 minute summer	BASIN 2	1200	184.840	0.540	1.3	54.2978	0.0000	OK
960 minute summer	BASIN 3	975	183.234	0.134	7.1	93.9088	0.0000	OK
960 minute summer	BASIN 4	825	184.001	0.671	7.9	95.3370	0.0000	SURCHARGED
960 minute summer	SWALE 1	705	184.964	0.032	1.3	0.0367	0.0000	OK
960 minute summer	SWALE 2	1200	184.455	0.005	0.1	0.0057	0.0000	OK
960 minute summer	SWALE 3	495	184.135	0.065	7.1	0.0740	0.0000	OK
960 minute summer	BH1	1200	184.840	0.763	0.3	3.0141	0.0000	OK
960 minute summer	BH2	975	183.234	0.182	0.9	2.5112	0.0000	OK
960 minute summer	BH3	825	184.001	0.695	1.0	4.8505	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J57	48.020	S25	7.9	0.523	0.146	0.1197
960 minute summer	BASIN 1	1.023	S5	1.3	0.094	0.025	0.6013
960 minute summer	BASIN 2	1.027	S7	0.1	0.163	0.001	0.0098
960 minute summer	BASIN 2	71.000	BH1	0.3	0.333	0.058	0.1829
960 minute summer	BASIN 3	1.034	BH2	0.9	0.201	0.011	1.1952
960 minute summer	BASIN 4	48.022	BH3	1.0	0.228	0.019	0.7181
960 minute summer	SWALE 1	1.025	S6	1.3	0.320	0.025	0.1559
960 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0033
960 minute summer	SWALE 3	1.033	BASIN 3	7.1	0.645	0.102	0.4763
960 minute summer	BH1	Infiltration		0.1			
960 minute summer	BH2	Infiltration		0.2			
960 minute summer	BH3	Infiltration		0.2			

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S1	495	188.383	0.013	0.3	0.0172	0.0000	OK
960 minute winter	S2	495	187.096	0.057	3.8	0.0840	0.0000	OK
960 minute winter	S3	495	186.274	0.062	5.5	0.0805	0.0000	OK
960 minute winter	S4	750	186.025	0.647	8.5	0.7688	0.0000	SURCHARGED
960 minute winter	S5	750	186.025	1.045	1.4	1.1820	0.0000	SURCHARGED
960 minute winter	S6	750	184.878	0.034	1.4	0.0385	0.0000	OK
960 minute winter	S7	1200	184.797	0.018	1.1	0.0207	0.0000	OK
960 minute winter	S8	1200	184.409	0.019	1.1	0.0218	0.0000	OK
960 minute winter	S9	1200	184.229	0.029	1.1	0.0332	0.0000	OK
960 minute winter	S10	495	184.221	0.037	5.6	0.0568	0.0000	OK
960 minute winter	S11	480	186.422	0.022	0.6	0.0360	0.0000	OK
960 minute winter	S12	510	186.208	0.032	1.2	0.0358	0.0000	OK
960 minute winter	S13	495	186.062	0.028	2.3	0.0392	0.0000	OK
960 minute winter	S14	495	185.296	0.046	3.1	0.0716	0.0000	OK
960 minute winter	S15	495	184.899	0.032	4.0	0.0442	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	S1	1.000	J1	0.3	0.345	0.034	0.0073
960 minute winter	S2	1.012	J12	3.8	0.527	0.127	0.0107
960 minute winter	S3	1.019	J18	5.5	0.835	0.179	0.0341
960 minute winter	S4	1.022	BASIN 1	8.4	0.807	0.050	1.1778
960 minute winter	S5	1.024	SWALE 1	1.4	0.328	0.026	0.0878
960 minute winter	S6	1.026	BASIN 2	1.4	0.372	0.026	0.0231
960 minute winter	S7	1.028	SWALE 2	1.1	0.407	0.007	0.0475
960 minute winter	S8	1.030	S9	1.1	0.423	0.008	0.0324
960 minute winter	S9	1.031	S10	1.1	0.452	0.021	0.0240
960 minute winter	S10	1.032	SWALE 3	5.6	0.778	0.031	0.0316
960 minute winter	S11	32.000	J28	0.6	0.429	0.101	0.0063
960 minute winter	S12	32.003	J30	1.2	0.416	0.090	0.0147
960 minute winter	S13	32.007	J33	2.3	1.035	0.071	0.0287
960 minute winter	S14	32.009	J34	3.1	0.713	0.178	0.0227
960 minute winter	S15	32.013	J37	4.0	0.750	0.043	0.0502

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S16	495	184.584	0.027	4.4	0.0336	0.0000	OK
960 minute winter	S17	780	186.033	0.032	0.2	0.0367	0.0000	OK
960 minute winter	S18	765	186.033	0.372	1.5	0.5259	0.0000	SURCHARGED
960 minute winter	S19	765	186.030	0.539	2.6	0.7390	0.0000	SURCHARGED
960 minute winter	S20	570	184.660	0.018	0.4	0.0220	0.0000	OK
960 minute winter	S21	570	184.486	0.027	0.9	0.0325	0.0000	OK
960 minute winter	S22	555	184.329	0.043	1.9	0.0527	0.0000	OK
960 minute winter	S23	525	184.211	0.053	2.7	0.0626	0.0000	OK
960 minute winter	S24	930	184.107	0.130	5.6	0.1890	0.0000	OK
960 minute winter	S25	930	184.107	0.181	6.0	0.2049	0.0000	OK
960 minute winter	S26	555	185.390	0.013	0.3	0.0156	0.0000	OK
960 minute winter	FC1	540	188.302	0.052	0.2	0.0686	0.0000	OK
960 minute winter	FC2	540	188.202	0.052	0.2	0.0689	0.0000	OK
960 minute winter	FC3	510	188.370	0.169	0.4	0.2459	0.0000	SURCHARGED
960 minute winter	FC4	555	188.251	0.051	0.2	0.0653	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	S16	32.015	J38	4.4	0.796	0.030	0.0132
960 minute winter	S17	23.001	J20	0.2	0.277	0.033	0.0359
960 minute winter	S18	23.006	J24	1.5	0.436	0.108	0.0323
960 minute winter	S19	23.010	J27	2.5	0.423	0.085	0.3541
960 minute winter	S20	48.001	J41	0.4	0.424	0.067	0.0044
960 minute winter	S21	48.004	J43	0.9	0.532	0.152	0.0086
960 minute winter	S22	48.008	J46	1.9	0.455	0.142	0.0102
960 minute winter	S23	48.011	J48	2.7	0.396	0.088	0.0077
960 minute winter	S24	48.018	J56	5.6	0.437	0.105	0.1307
960 minute winter	S25	48.021	BASIN 4	6.0	0.562	0.108	0.1457
960 minute winter	S26	65.001	J54	0.3	0.515	0.034	0.0050
960 minute winter	FC1	2.000	J1	0.2	0.265	0.032	0.0042
960 minute winter	FC2	3.000	J2	0.2	0.179	0.034	0.0060
960 minute winter	FC3	4.000	J3	0.4	0.447	0.062	0.0083
960 minute winter	FC4	5.000	J4	0.2	0.413	0.026	0.0036

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC5	525	188.052	0.052	0.2	0.0693	0.0000	OK
960 minute winter	FC6	555	187.900	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC7	555	187.801	0.051	0.2	0.0657	0.0000	OK
960 minute winter	FC8	510	187.800	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC9	555	187.522	0.052	0.2	0.0670	0.0000	OK
960 minute winter	FC10	570	187.573	0.103	0.3	0.1452	0.0000	SURCHARGED
960 minute winter	FC11	555	187.372	0.052	0.2	0.0681	0.0000	OK
960 minute winter	FC12	555	187.282	0.052	0.2	0.0681	0.0000	OK
960 minute winter	FC13	525	187.052	0.052	0.2	0.0691	0.0000	OK
960 minute winter	FC14	600	186.950	0.050	0.2	0.6396	0.0000	OK
960 minute winter	FC15	555	187.250	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC16	555	186.951	0.051	0.2	0.0664	0.0000	OK
960 minute winter	FC17	555	187.050	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC18	555	186.602	0.052	0.2	0.0671	0.0000	OK
960 minute winter	FC19	525	186.452	0.052	0.2	0.0692	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024
960 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032
960 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037
960 minute winter	FC8	9.000	J8	0.2	0.488	0.021	0.0017
960 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041
960 minute winter	FC10	11.000	J10	0.3	0.424	0.045	0.0044
960 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0045
960 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040
960 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039
960 minute winter	FC14	15.000	J13	0.2	0.346	0.033	0.0043
960 minute winter	FC15	16.000	J14	0.2	0.731	0.012	0.0013
960 minute winter	FC16	17.000	J15	0.2	0.370	0.031	0.0041
960 minute winter	FC17	18.000	J16	0.2	0.585	0.016	0.0016
960 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0040
960 minute winter	FC19	20.000	S3	0.2	0.347	0.034	0.0038

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC20	510	187.000	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC21	525	186.352	0.052	0.2	0.0692	0.0000	OK
960 minute winter	FC22	555	186.498	0.048	0.2	0.4633	0.0000	OK
960 minute winter	FC23	555	186.352	0.052	0.2	0.0667	0.0000	OK
960 minute winter	FC24	525	186.351	0.051	0.2	0.0675	0.0000	OK
960 minute winter	FC25	510	186.600	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC26	555	186.497	0.047	0.2	0.4797	0.0000	OK
960 minute winter	FC27	555	186.550	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC28	510	186.550	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC29	495	186.591	0.091	0.3	0.1225	0.0000	OK
960 minute winter	FC30	510	186.800	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC31	555	186.500	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC32	555	186.500	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC33	510	186.500	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC34	525	186.502	0.052	0.2	0.0689	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013
960 minute winter	FC21	22.000	J19	0.2	0.347	0.034	0.0044
960 minute winter	FC22	23.000	S17	0.2	0.490	0.010	0.0054
960 minute winter	FC23	24.000	J20	0.2	0.362	0.032	0.0025
960 minute winter	FC24	25.000	J21	0.2	0.405	0.027	0.0023
960 minute winter	FC25	26.000	J22	0.2	0.687	0.013	0.0014
960 minute winter	FC26	27.000	J23	0.2	0.602	0.015	0.0015
960 minute winter	FC27	28.000	J24	0.2	0.755	0.011	0.0012
960 minute winter	FC28	29.000	J25	0.2	0.691	0.012	0.0013
960 minute winter	FC29	30.000	J26	0.3	0.747	0.019	0.0018
960 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0014
960 minute winter	FC31	33.000	J28	0.2	0.231	0.022	0.0041
960 minute winter	FC32	34.000	J29	0.2	0.207	0.016	0.0046
960 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013
960 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC35	510	186.500	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC36	495	186.541	0.091	0.3	0.1225	0.0000	OK
960 minute winter	FC37	555	185.901	0.101	0.3	0.1405	0.0000	SURCHARGED
960 minute winter	FC38	555	185.496	0.046	0.2	0.5569	0.0000	OK
960 minute winter	FC39	555	185.500	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC40	510	185.550	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC41	510	184.900	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC42	510	184.650	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC43	510	184.650	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC44	435	184.610	0.009	0.2	0.0122	0.0000	OK
960 minute winter	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
960 minute winter	FC46	570	184.803	0.103	0.3	0.1460	0.0000	SURCHARGED
960 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute winter	FC48	510	184.850	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC49	525	184.852	0.052	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016
960 minute winter	FC36	38.000	J32	0.3	0.762	0.018	0.0019
960 minute winter	FC37	39.000	J33	0.3	0.519	0.034	0.0038
960 minute winter	FC38	40.000	J34	0.2	0.576	0.015	0.0016
960 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014
960 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013
960 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0020
960 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0022
960 minute winter	FC43	45.000	J39	0.2	0.526	0.019	0.0016
960 minute winter	FC44	46.000	J40	0.2	0.541	0.018	0.0016
960 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
960 minute winter	FC46	48.000	S20	0.3	0.350	0.051	0.0051
960 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0024
960 minute winter	FC48	50.000	J42	0.2	0.294	0.014	0.0039
960 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC50	540	184.852	0.052	0.2	0.0692	0.0000	OK
960 minute winter	FC51	525	184.902	0.052	0.2	0.0692	0.0000	OK
960 minute winter	FC52	525	185.350	0.100	0.3	0.1373	0.0000	SURCHARGED
960 minute winter	FC53	510	185.300	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC54	555	185.300	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC55	555	185.300	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC56	510	185.400	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC57	510	185.400	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC58	555	185.400	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC59	555	185.400	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC60	510	185.400	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC61	510	185.350	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC62	570	185.352	0.102	0.3	0.1457	0.0000	SURCHARGED
960 minute winter	FC63	555	185.452	0.052	0.2	0.0674	0.0000	OK
960 minute winter	FC64	525	185.052	0.052	0.2	0.0690	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027
960 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035
960 minute winter	FC52	58.000	S23	0.3	0.566	0.030	0.0029
960 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018
960 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015
960 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013
960 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019
960 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020
960 minute winter	FC58	56.000	J46	0.2	0.614	0.015	0.0020
960 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0023
960 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023
960 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033
960 minute winter	FC62	63.000	J52	0.3	0.470	0.039	0.0060
960 minute winter	FC63	65.000	S26	0.2	0.338	0.034	0.0014
960 minute winter	FC64	66.000	J54	0.2	0.279	0.034	0.0019

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC65	510	185.200	0.050	0.2	0.0668	0.0000	OK
960 minute winter	FC66	525	185.051	0.051	0.2	0.0680	0.0000	OK
960 minute winter	FC67	555	184.849	0.049	0.2	0.5015	0.0000	OK
960 minute winter	FC68	555	184.600	0.050	0.2	0.0648	0.0000	OK
960 minute winter	J1	495	188.221	0.021	0.8	0.0284	0.0000	OK
960 minute winter	J2	495	188.137	0.031	1.0	0.0352	0.0000	OK
960 minute winter	J3	495	188.079	0.033	1.4	0.0375	0.0000	OK
960 minute winter	J4	495	188.059	0.023	1.6	0.0266	0.0000	OK
960 minute winter	J5	495	187.932	0.022	1.8	0.0250	0.0000	OK
960 minute winter	J6	495	187.680	0.030	2.0	0.0338	0.0000	OK
960 minute winter	J7	495	187.641	0.041	2.2	0.0463	0.0000	OK
960 minute winter	J8	495	187.623	0.029	2.4	0.0333	0.0000	OK
960 minute winter	J9	495	187.317	0.042	2.6	0.0470	0.0000	OK
960 minute winter	J10	495	187.294	0.024	2.9	0.0268	0.0000	OK
960 minute winter	J11	495	187.155	0.034	3.1	0.0382	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC65	67.000	J55	0.2	0.329	0.011	0.0019
960 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011
960 minute winter	FC67	69.000	J56	0.2	0.336	0.032	0.0012
960 minute winter	FC68	70.000	J57	0.2	0.458	0.022	0.0010
960 minute winter	J1	1.001	J2	0.8	0.494	0.096	0.0082
960 minute winter	J2	1.002	J3	1.0	0.520	0.169	0.0020
960 minute winter	J3	1.003	J4	1.4	0.602	0.104	0.0045
960 minute winter	J4	1.004	J5	1.6	0.944	0.047	0.0059
960 minute winter	J5	1.005	J6	1.8	0.879	0.047	0.0116
960 minute winter	J6	1.006	J7	2.0	0.628	0.070	0.0063
960 minute winter	J7	1.007	J8	2.2	0.697	0.157	0.0036
960 minute winter	J8	1.008	J9	2.4	1.002	0.079	0.0202
960 minute winter	J9	1.009	J10	2.6	0.742	0.079	0.0044
960 minute winter	J10	1.010	J11	2.9	0.982	0.022	0.0073
960 minute winter	J11	1.011	S2	3.1	0.540	0.048	0.0312

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J12	495	186.846	0.037	4.0	0.0420	0.0000	OK
960 minute winter	J13	495	186.768	0.066	4.2	0.0747	0.0000	OK
960 minute winter	J14	495	186.759	0.064	4.4	0.0724	0.0000	OK
960 minute winter	J15	495	186.747	0.059	4.6	0.0663	0.0000	OK
960 minute winter	J16	495	186.717	0.047	4.8	0.0533	0.0000	OK
960 minute winter	J17	495	186.387	0.029	5.0	0.0332	0.0000	OK
960 minute winter	J18	495	186.232	0.038	5.7	0.0431	0.0000	OK
960 minute winter	J19	495	186.094	0.067	5.9	0.0759	0.0000	OK
960 minute winter	J20	765	186.033	0.102	0.4	0.1149	0.0000	SURCHARGED
960 minute winter	J21	765	186.033	0.138	0.6	0.1555	0.0000	SURCHARGED
960 minute winter	J22	765	186.032	0.214	0.8	0.2424	0.0000	SURCHARGED
960 minute winter	J23	765	186.033	0.250	1.0	0.2822	0.0000	SURCHARGED
960 minute winter	J24	765	186.033	0.383	1.7	0.4333	0.0000	SURCHARGED
960 minute winter	J25	765	186.033	0.418	1.9	0.4722	0.0000	SURCHARGED
960 minute winter	J26	780	186.032	0.445	2.1	0.5038	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J12	1.013	J13	4.0	0.582	0.060	0.0452
960 minute winter	J13	1.014	J14	4.2	0.440	0.133	0.0180
960 minute winter	J14	1.015	J15	4.4	0.500	0.140	0.0168
960 minute winter	J15	1.016	J16	4.6	0.645	0.149	0.0365
960 minute winter	J16	1.017	J17	4.8	0.851	0.079	0.0189
960 minute winter	J17	1.018	S3	5.0	0.864	0.034	0.0112
960 minute winter	J18	1.020	J19	5.7	1.445	0.044	0.0059
960 minute winter	J19	1.021	S4	5.9	0.558	0.106	0.0463
960 minute winter	J20	23.002	J21	0.4	0.363	0.067	0.0295
960 minute winter	J21	23.003	J22	0.6	0.421	0.100	0.0627
960 minute winter	J22	23.004	J23	0.8	0.472	0.133	0.0281
960 minute winter	J23	23.005	S18	1.0	0.548	0.168	0.0587
960 minute winter	J24	23.007	J25	1.7	0.460	0.127	0.1088
960 minute winter	J25	23.008	J26	1.9	0.469	0.140	0.0874
960 minute winter	J26	23.009	S19	2.1	0.529	0.160	0.0652

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J27	765	186.039	0.578	2.7	0.6534	0.0000	SURCHARGED
960 minute winter	J28	510	186.381	0.025	0.8	0.0282	0.0000	OK
960 minute winter	J29	510	186.300	0.029	1.0	0.0328	0.0000	OK
960 minute winter	J30	510	186.182	0.035	1.4	0.0391	0.0000	OK
960 minute winter	J31	480	186.155	0.036	1.6	0.0405	0.0000	OK
960 minute winter	J32	495	186.103	0.039	1.9	0.0445	0.0000	OK
960 minute winter	J33	495	185.637	0.027	2.6	0.0310	0.0000	OK
960 minute winter	J34	495	185.171	0.046	3.3	0.0520	0.0000	OK
960 minute winter	J35	495	185.105	0.030	3.5	0.0342	0.0000	OK
960 minute winter	J36	495	184.924	0.049	3.7	0.0558	0.0000	OK
960 minute winter	J37	495	184.629	0.054	4.2	0.0614	0.0000	OK
960 minute winter	J38	495	184.437	0.062	4.6	0.0697	0.0000	OK
960 minute winter	J39	495	184.400	0.062	4.8	0.0702	0.0000	OK
960 minute winter	J40	495	184.379	0.054	5.0	0.0608	0.0000	OK
960 minute winter	J41	570	184.615	0.018	0.4	0.0199	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J27	23.011	S4	2.7	0.484	0.090	0.0951
960 minute winter	J28	32.001	J29	0.8	0.470	0.135	0.0150
960 minute winter	J29	32.002	S12	1.0	0.548	0.169	0.0085
960 minute winter	J30	32.004	J31	1.4	0.446	0.106	0.0156
960 minute winter	J31	32.005	J32	1.6	0.470	0.120	0.0336
960 minute winter	J32	32.006	S13	1.9	0.645	0.142	0.0156
960 minute winter	J33	32.008	S14	2.6	0.781	0.073	0.0305
960 minute winter	J34	32.010	J35	3.3	0.735	0.085	0.0405
960 minute winter	J35	32.011	J36	3.5	0.733	0.039	0.0329
960 minute winter	J36	32.012	S15	3.7	0.755	0.122	0.0116
960 minute winter	J37	32.014	S16	4.2	0.860	0.137	0.0259
960 minute winter	J38	32.016	J39	4.6	0.515	0.151	0.0957
960 minute winter	J39	32.017	J40	4.8	0.590	0.154	0.0295
960 minute winter	J40	32.018	S10	5.0	0.707	0.115	0.0671
960 minute winter	J41	48.002	J42	0.4	0.371	0.067	0.0067

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J42	570	184.559	0.022	0.6	0.0244	0.0000	OK
960 minute winter	J43	570	184.392	0.032	1.1	0.0362	0.0000	OK
960 minute winter	J44	570	184.382	0.032	1.3	0.0357	0.0000	OK
960 minute winter	J45	555	184.339	0.039	1.5	0.0436	0.0000	OK
960 minute winter	J46	555	184.316	0.044	2.1	0.0493	0.0000	OK
960 minute winter	J47	555	184.294	0.046	2.3	0.0517	0.0000	OK
960 minute winter	J48	525	184.204	0.050	2.9	0.0565	0.0000	OK
960 minute winter	J49	525	184.188	0.059	3.1	0.0664	0.0000	OK
960 minute winter	J50	525	184.181	0.056	3.3	0.0636	0.0000	OK
960 minute winter	J51	525	184.170	0.062	3.5	0.0697	0.0000	OK
960 minute winter	J52	525	184.162	0.058	3.8	0.0659	0.0000	OK
960 minute winter	J53	525	184.144	0.057	4.0	0.0647	0.0000	OK
960 minute winter	J54	540	184.999	0.020	0.5	0.0230	0.0000	OK
960 minute winter	J55	540	184.968	0.024	0.7	0.0269	0.0000	OK
960 minute winter	J56	930	184.107	0.140	5.8	0.1586	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J42	48.003	S21	0.6	0.405	0.102	0.0122
960 minute winter	J43	48.005	J44	1.1	0.405	0.079	0.0044
960 minute winter	J44	48.006	J45	1.3	0.419	0.097	0.0275
960 minute winter	J45	48.007	S22	1.5	0.399	0.111	0.0092
960 minute winter	J46	48.009	J47	2.1	0.478	0.157	0.0185
960 minute winter	J47	48.010	S23	2.3	0.537	0.173	0.0113
960 minute winter	J48	48.012	J49	2.9	0.394	0.097	0.0549
960 minute winter	J49	48.013	J50	3.1	0.388	0.101	0.0091
960 minute winter	J50	48.014	J51	3.3	0.399	0.110	0.0420
960 minute winter	J51	48.015	J52	3.5	0.414	0.114	0.0096
960 minute winter	J52	48.016	J53	3.8	0.473	0.125	0.0391
960 minute winter	J53	48.017	S24	4.0	0.547	0.133	0.0751
960 minute winter	J54	65.002	J55	0.5	0.391	0.084	0.0047
960 minute winter	J55	65.003	S24	0.7	0.499	0.119	0.0110
960 minute winter	J56	48.019	J57	5.8	0.457	0.107	0.3232

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Results for 30 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.89%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J57	930	184.107	0.162	6.0	0.1834	0.0000	OK
960 minute winter	BASIN 1	750	186.025	1.025	8.4	136.4503	0.0000	SURCHARGED
960 minute winter	BASIN 2	1200	184.861	0.561	1.4	56.7655	0.0000	OK
960 minute winter	BASIN 3	1200	183.258	0.158	5.6	110.5271	0.0000	OK
960 minute winter	BASIN 4	930	184.107	0.777	6.0	112.5418	0.0000	SURCHARGED
960 minute winter	SWALE 1	750	184.966	0.034	1.4	0.0379	0.0000	OK
960 minute winter	SWALE 2	1200	184.482	0.032	1.1	0.0358	0.0000	OK
960 minute winter	SWALE 3	495	184.128	0.058	5.6	0.0654	0.0000	OK
960 minute winter	BH1	1200	184.861	0.784	0.4	3.0758	0.0000	OK
960 minute winter	BH2	1200	183.258	0.206	1.0	2.6275	0.0000	OK
960 minute winter	BH3	930	184.107	0.801	1.0	5.3439	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J57	48.020	S25	6.0	0.486	0.111	0.3299
960 minute winter	BASIN 1	1.023	S5	1.4	0.094	0.027	0.6013
960 minute winter	BASIN 2	1.027	S7	1.1	0.413	0.021	0.0610
960 minute winter	BASIN 2	71.000	BH1	0.4	0.351	0.070	0.1829
960 minute winter	BASIN 3	1.034	BH2	1.0	0.228	0.011	1.4289
960 minute winter	BASIN 4	48.022	BH3	1.0	0.248	0.018	0.7181
960 minute winter	SWALE 1	1.025	S6	1.4	0.327	0.027	0.1636
960 minute winter	SWALE 2	1.029	S8	1.1	0.395	0.021	0.0749
960 minute winter	SWALE 3	1.033	BASIN 3	5.6	0.602	0.080	0.3987
960 minute winter	BH1	Infiltration		0.1			
960 minute winter	BH2	Infiltration		0.2			
960 minute winter	BH3	Infiltration		0.2			

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S1	750	188.383	0.013	0.3	0.0172	0.0000	OK
1440 minute summer	S2	750	187.096	0.057	3.8	0.0841	0.0000	OK
1440 minute summer	S3	750	186.274	0.062	5.5	0.0805	0.0000	OK
1440 minute summer	S4	1110	185.939	0.561	8.6	0.6670	0.0000	SURCHARGED
1440 minute summer	S5	990	185.915	0.935	1.3	1.0580	0.0000	SURCHARGED
1440 minute summer	S6	990	184.877	0.033	1.3	0.0376	0.0000	OK
1440 minute summer	S7	1560	184.797	0.018	1.1	0.0202	0.0000	OK
1440 minute summer	S8	1560	184.409	0.019	1.1	0.0213	0.0000	OK
1440 minute summer	S9	1560	184.229	0.029	1.1	0.0325	0.0000	OK
1440 minute summer	S10	750	184.221	0.037	5.5	0.0563	0.0000	OK
1440 minute summer	S11	750	186.422	0.022	0.6	0.0360	0.0000	OK
1440 minute summer	S12	750	186.208	0.032	1.2	0.0358	0.0000	OK
1440 minute summer	S13	750	186.062	0.028	2.3	0.0393	0.0000	OK
1440 minute summer	S14	750	185.296	0.046	3.1	0.0717	0.0000	OK
1440 minute summer	S15	750	184.899	0.032	4.0	0.0443	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	S1	1.000	J1	0.3	0.345	0.034	0.0073
1440 minute summer	S2	1.012	J12	3.8	0.527	0.127	0.0108
1440 minute summer	S3	1.019	J18	5.5	0.835	0.179	0.0341
1440 minute summer	S4	1.022	BASIN 1	8.4	0.698	0.050	1.1778
1440 minute summer	S5	1.024	SWALE 1	1.3	0.323	0.025	0.0843
1440 minute summer	S6	1.026	BASIN 2	1.3	0.365	0.025	0.0219
1440 minute summer	S7	1.028	SWALE 2	1.1	0.400	0.007	0.0461
1440 minute summer	S8	1.030	S9	1.1	0.416	0.008	0.0315
1440 minute summer	S9	1.031	S10	1.1	0.445	0.020	0.0236
1440 minute summer	S10	1.032	SWALE 3	5.5	0.775	0.030	0.0312
1440 minute summer	S11	32.000	J28	0.6	0.429	0.101	0.0063
1440 minute summer	S12	32.003	J30	1.2	0.416	0.090	0.0147
1440 minute summer	S13	32.007	J33	2.3	1.038	0.071	0.0288
1440 minute summer	S14	32.009	J34	3.1	0.713	0.178	0.0227
1440 minute summer	S15	32.013	J37	4.0	0.750	0.043	0.0503

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S16	750	184.584	0.027	4.4	0.0337	0.0000	OK
1440 minute summer	S17	780	186.012	0.012	0.2	0.0138	0.0000	OK
1440 minute summer	S18	1020	185.937	0.276	1.5	0.3895	0.0000	SURCHARGED
1440 minute summer	S19	1020	185.929	0.438	2.7	0.5999	0.0000	SURCHARGED
1440 minute summer	S20	780	184.660	0.018	0.4	0.0220	0.0000	OK
1440 minute summer	S21	780	184.486	0.027	0.9	0.0325	0.0000	OK
1440 minute summer	S22	780	184.329	0.043	1.9	0.0527	0.0000	OK
1440 minute summer	S23	750	184.211	0.053	2.7	0.0625	0.0000	OK
1440 minute summer	S24	750	184.049	0.072	5.6	0.1051	0.0000	OK
1440 minute summer	S25	1110	184.025	0.099	6.0	0.1117	0.0000	OK
1440 minute summer	S26	780	185.390	0.013	0.3	0.0156	0.0000	OK
1440 minute summer	FC1	810	188.302	0.052	0.2	0.0686	0.0000	OK
1440 minute summer	FC2	810	188.202	0.052	0.2	0.0689	0.0000	OK
1440 minute summer	FC3	750	188.367	0.167	0.4	0.2419	0.0000	SURCHARGED
1440 minute summer	FC4	780	188.251	0.051	0.2	0.0653	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	S16	32.015	J38	4.4	0.796	0.030	0.0132
1440 minute summer	S17	23.001	J20	0.2	0.273	0.032	0.0053
1440 minute summer	S18	23.006	J24	1.5	0.431	0.106	0.0323
1440 minute summer	S19	23.010	J27	2.6	0.426	0.086	0.3541
1440 minute summer	S20	48.001	J41	0.4	0.424	0.067	0.0044
1440 minute summer	S21	48.004	J43	0.9	0.532	0.152	0.0086
1440 minute summer	S22	48.008	J46	1.9	0.451	0.142	0.0102
1440 minute summer	S23	48.011	J48	2.7	0.396	0.087	0.0076
1440 minute summer	S24	48.018	J56	5.6	0.437	0.105	0.0543
1440 minute summer	S25	48.021	BASIN 4	6.0	0.562	0.108	0.0681
1440 minute summer	S26	65.001	J54	0.3	0.515	0.034	0.0050
1440 minute summer	FC1	2.000	J1	0.2	0.265	0.032	0.0042
1440 minute summer	FC2	3.000	J2	0.2	0.179	0.034	0.0060
1440 minute summer	FC3	4.000	J3	0.4	0.446	0.061	0.0082
1440 minute summer	FC4	5.000	J4	0.2	0.413	0.026	0.0036

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC5	810	188.052	0.052	0.2	0.0693	0.0000	OK
1440 minute summer	FC6	780	187.900	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC7	780	187.801	0.051	0.2	0.0657	0.0000	OK
1440 minute summer	FC8	810	187.800	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC9	780	187.522	0.052	0.2	0.0670	0.0000	OK
1440 minute summer	FC10	780	187.573	0.103	0.3	0.1451	0.0000	SURCHARGED
1440 minute summer	FC11	780	187.372	0.052	0.2	0.0681	0.0000	OK
1440 minute summer	FC12	780	187.282	0.052	0.2	0.0681	0.0000	OK
1440 minute summer	FC13	810	187.052	0.052	0.2	0.0691	0.0000	OK
1440 minute summer	FC14	810	186.948	0.048	0.2	0.6111	0.0000	OK
1440 minute summer	FC15	780	187.250	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC16	780	186.951	0.051	0.2	0.0664	0.0000	OK
1440 minute summer	FC17	780	187.050	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC18	780	186.602	0.052	0.2	0.0671	0.0000	OK
1440 minute summer	FC19	810	186.452	0.052	0.2	0.0692	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC5	6.000	J5	0.2	0.346	0.034	0.0024
1440 minute summer	FC6	7.000	J6	0.2	0.453	0.023	0.0032
1440 minute summer	FC7	8.000	J7	0.2	0.394	0.028	0.0037
1440 minute summer	FC8	9.000	J8	0.2	0.488	0.021	0.0017
1440 minute summer	FC9	10.000	J9	0.2	0.349	0.034	0.0041
1440 minute summer	FC10	11.000	J10	0.3	0.424	0.045	0.0044
1440 minute summer	FC11	12.000	J11	0.2	0.347	0.034	0.0045
1440 minute summer	FC12	13.000	S2	0.2	0.347	0.034	0.0040
1440 minute summer	FC13	14.000	J12	0.2	0.348	0.034	0.0039
1440 minute summer	FC14	15.000	J13	0.2	0.343	0.032	0.0042
1440 minute summer	FC15	16.000	J14	0.2	0.731	0.012	0.0013
1440 minute summer	FC16	17.000	J15	0.2	0.370	0.031	0.0041
1440 minute summer	FC17	18.000	J16	0.2	0.585	0.016	0.0016
1440 minute summer	FC18	19.000	J17	0.2	0.347	0.034	0.0040
1440 minute summer	FC19	20.000	S3	0.2	0.347	0.034	0.0038

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC20	810	187.000	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC21	810	186.352	0.052	0.2	0.0692	0.0000	OK
1440 minute summer	FC22	780	186.496	0.045	0.2	0.4423	0.0000	OK
1440 minute summer	FC23	780	186.352	0.052	0.2	0.0667	0.0000	OK
1440 minute summer	FC24	810	186.351	0.051	0.2	0.0675	0.0000	OK
1440 minute summer	FC25	810	186.600	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC26	780	186.495	0.045	0.2	0.4570	0.0000	OK
1440 minute summer	FC27	780	186.550	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC28	810	186.550	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC29	750	186.597	0.097	0.3	0.1314	0.0000	OK
1440 minute summer	FC30	810	186.800	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC31	780	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC32	780	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC33	810	186.500	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC34	810	186.502	0.052	0.2	0.0689	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC20	21.000	J18	0.2	0.692	0.012	0.0013
1440 minute summer	FC21	22.000	J19	0.2	0.347	0.034	0.0044
1440 minute summer	FC22	23.000	S17	0.2	0.485	0.010	0.0019
1440 minute summer	FC23	24.000	J20	0.2	0.362	0.032	0.0025
1440 minute summer	FC24	25.000	J21	0.2	0.405	0.027	0.0023
1440 minute summer	FC25	26.000	J22	0.2	0.687	0.013	0.0014
1440 minute summer	FC26	27.000	J23	0.2	0.596	0.014	0.0014
1440 minute summer	FC27	28.000	J24	0.2	0.755	0.011	0.0012
1440 minute summer	FC28	29.000	J25	0.2	0.691	0.012	0.0013
1440 minute summer	FC29	30.000	J26	0.3	0.756	0.019	0.0019
1440 minute summer	FC30	31.000	J27	0.2	0.646	0.014	0.0014
1440 minute summer	FC31	33.000	J28	0.2	0.231	0.022	0.0041
1440 minute summer	FC32	34.000	J29	0.2	0.206	0.016	0.0046
1440 minute summer	FC33	35.000	S12	0.2	0.636	0.014	0.0013
1440 minute summer	FC34	36.000	J30	0.2	0.357	0.032	0.0027

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC35	810	186.500	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC36	750	186.547	0.097	0.3	0.1314	0.0000	OK
1440 minute summer	FC37	750	185.899	0.099	0.3	0.1372	0.0000	OK
1440 minute summer	FC38	780	185.494	0.044	0.2	0.5261	0.0000	OK
1440 minute summer	FC39	780	185.500	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC40	810	185.550	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC41	810	184.900	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC42	810	184.650	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC43	810	184.650	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC44	720	184.610	0.009	0.2	0.0122	0.0000	OK
1440 minute summer	FC45	30	184.600	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	FC46	780	184.803	0.103	0.3	0.1459	0.0000	SURCHARGED
1440 minute summer	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	FC48	810	184.850	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC49	810	184.852	0.052	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC35	37.000	J31	0.2	0.639	0.014	0.0016
1440 minute summer	FC36	38.000	J32	0.3	0.771	0.019	0.0019
1440 minute summer	FC37	39.000	J33	0.3	0.517	0.033	0.0038
1440 minute summer	FC38	40.000	J34	0.2	0.569	0.015	0.0015
1440 minute summer	FC39	41.000	J35	0.2	0.645	0.014	0.0014
1440 minute summer	FC40	42.000	J36	0.2	0.783	0.010	0.0013
1440 minute summer	FC41	43.000	J37	0.2	0.516	0.019	0.0020
1440 minute summer	FC42	44.000	J38	0.2	0.450	0.023	0.0022
1440 minute summer	FC43	45.000	J39	0.2	0.526	0.019	0.0016
1440 minute summer	FC44	46.000	J40	0.2	0.541	0.018	0.0016
1440 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
1440 minute summer	FC46	48.000	S20	0.3	0.350	0.051	0.0051
1440 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0024
1440 minute summer	FC48	50.000	J42	0.2	0.286	0.014	0.0039
1440 minute summer	FC49	51.000	S21	0.2	0.346	0.034	0.0025

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC50	810	184.852	0.052	0.2	0.0692	0.0000	OK
1440 minute summer	FC51	810	184.902	0.052	0.2	0.0692	0.0000	OK
1440 minute summer	FC52	750	185.348	0.098	0.3	0.1344	0.0000	OK
1440 minute summer	FC53	810	185.300	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC54	780	185.300	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC55	780	185.300	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC56	810	185.400	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC57	810	185.400	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC58	780	185.400	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC59	780	185.400	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC60	810	185.400	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC61	810	185.350	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC62	780	185.352	0.102	0.3	0.1457	0.0000	SURCHARGED
1440 minute summer	FC63	780	185.452	0.052	0.2	0.0674	0.0000	OK
1440 minute summer	FC64	810	185.052	0.052	0.2	0.0690	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC50	52.000	J43	0.2	0.346	0.034	0.0027
1440 minute summer	FC51	55.000	S22	0.2	0.347	0.034	0.0035
1440 minute summer	FC52	58.000	S23	0.3	0.564	0.029	0.0029
1440 minute summer	FC53	61.000	J50	0.2	0.473	0.022	0.0018
1440 minute summer	FC54	62.000	J51	0.2	0.524	0.019	0.0015
1440 minute summer	FC55	64.000	J53	0.2	0.659	0.013	0.0013
1440 minute summer	FC56	53.000	J44	0.2	0.677	0.013	0.0019
1440 minute summer	FC57	54.000	J45	0.2	0.637	0.014	0.0020
1440 minute summer	FC58	56.000	J46	0.2	0.614	0.015	0.0020
1440 minute summer	FC59	57.000	J47	0.2	0.569	0.017	0.0023
1440 minute summer	FC60	59.000	J48	0.2	0.563	0.017	0.0023
1440 minute summer	FC61	60.000	J49	0.2	0.452	0.023	0.0033
1440 minute summer	FC62	63.000	J52	0.3	0.470	0.039	0.0060
1440 minute summer	FC63	65.000	S26	0.2	0.338	0.034	0.0014
1440 minute summer	FC64	66.000	J54	0.2	0.270	0.034	0.0019

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC65	810	185.200	0.050	0.2	0.0668	0.0000	OK
1440 minute summer	FC66	810	185.051	0.051	0.2	0.0680	0.0000	OK
1440 minute summer	FC67	780	184.846	0.046	0.2	0.4740	0.0000	OK
1440 minute summer	FC68	780	184.600	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	J1	750	188.221	0.021	0.8	0.0284	0.0000	OK
1440 minute summer	J2	750	188.137	0.031	1.0	0.0352	0.0000	OK
1440 minute summer	J3	750	188.079	0.033	1.4	0.0376	0.0000	OK
1440 minute summer	J4	750	188.059	0.024	1.6	0.0266	0.0000	OK
1440 minute summer	J5	750	187.932	0.022	1.8	0.0251	0.0000	OK
1440 minute summer	J6	750	187.680	0.030	2.0	0.0338	0.0000	OK
1440 minute summer	J7	750	187.641	0.041	2.2	0.0463	0.0000	OK
1440 minute summer	J8	750	187.623	0.029	2.4	0.0333	0.0000	OK
1440 minute summer	J9	750	187.317	0.042	2.6	0.0471	0.0000	OK
1440 minute summer	J10	750	187.294	0.024	2.9	0.0268	0.0000	OK
1440 minute summer	J11	750	187.155	0.034	3.1	0.0382	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC65	67.000	J55	0.2	0.285	0.011	0.0019
1440 minute summer	FC66	68.000	S24	0.2	0.391	0.028	0.0011
1440 minute summer	FC67	69.000	J56	0.2	0.333	0.031	0.0012
1440 minute summer	FC68	70.000	J57	0.2	0.458	0.022	0.0010
1440 minute summer	J1	1.001	J2	0.8	0.494	0.096	0.0082
1440 minute summer	J2	1.002	J3	1.0	0.520	0.169	0.0020
1440 minute summer	J3	1.003	J4	1.4	0.603	0.105	0.0045
1440 minute summer	J4	1.004	J5	1.6	0.944	0.047	0.0060
1440 minute summer	J5	1.005	J6	1.8	0.879	0.047	0.0116
1440 minute summer	J6	1.006	J7	2.0	0.628	0.070	0.0063
1440 minute summer	J7	1.007	J8	2.2	0.697	0.157	0.0036
1440 minute summer	J8	1.008	J9	2.4	1.003	0.079	0.0202
1440 minute summer	J9	1.009	J10	2.6	0.734	0.077	0.0044
1440 minute summer	J10	1.010	J11	2.9	0.982	0.022	0.0073
1440 minute summer	J11	1.011	S2	3.1	0.540	0.048	0.0312

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J12	750	186.846	0.037	4.0	0.0420	0.0000	OK
1440 minute summer	J13	750	186.768	0.066	4.2	0.0747	0.0000	OK
1440 minute summer	J14	750	186.759	0.064	4.4	0.0724	0.0000	OK
1440 minute summer	J15	750	186.747	0.059	4.6	0.0663	0.0000	OK
1440 minute summer	J16	750	186.717	0.047	4.8	0.0532	0.0000	OK
1440 minute summer	J17	750	186.387	0.029	5.0	0.0332	0.0000	OK
1440 minute summer	J18	750	186.232	0.038	5.7	0.0431	0.0000	OK
1440 minute summer	J19	750	186.094	0.067	5.9	0.0759	0.0000	OK
1440 minute summer	J20	780	185.949	0.018	0.4	0.0201	0.0000	OK
1440 minute summer	J21	1020	185.936	0.041	0.6	0.0468	0.0000	OK
1440 minute summer	J22	1020	185.936	0.118	0.8	0.1337	0.0000	SURCHARGED
1440 minute summer	J23	1020	185.936	0.153	1.0	0.1734	0.0000	SURCHARGED
1440 minute summer	J24	1020	185.936	0.286	1.7	0.3235	0.0000	SURCHARGED
1440 minute summer	J25	1020	185.936	0.321	1.9	0.3629	0.0000	SURCHARGED
1440 minute summer	J26	1020	185.938	0.351	2.2	0.3967	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J12	1.013	J13	4.0	0.583	0.060	0.0452
1440 minute summer	J13	1.014	J14	4.2	0.439	0.133	0.0180
1440 minute summer	J14	1.015	J15	4.4	0.500	0.140	0.0168
1440 minute summer	J15	1.016	J16	4.6	0.644	0.149	0.0364
1440 minute summer	J16	1.017	J17	4.8	0.851	0.079	0.0189
1440 minute summer	J17	1.018	S3	5.0	0.864	0.034	0.0112
1440 minute summer	J18	1.020	J19	5.7	1.445	0.044	0.0059
1440 minute summer	J19	1.021	S4	5.9	0.558	0.106	0.0463
1440 minute summer	J20	23.002	J21	0.4	0.361	0.066	0.0061
1440 minute summer	J21	23.003	J22	0.6	0.418	0.099	0.0436
1440 minute summer	J22	23.004	J23	0.8	0.461	0.132	0.0281
1440 minute summer	J23	23.005	S18	1.0	0.548	0.165	0.0587
1440 minute summer	J24	23.007	J25	1.7	0.459	0.124	0.1088
1440 minute summer	J25	23.008	J26	1.9	0.462	0.140	0.0874
1440 minute summer	J26	23.009	S19	2.2	0.533	0.162	0.0652

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J27	1020	185.954	0.493	2.8	0.5574	0.0000	SURCHARGED
1440 minute summer	J28	750	186.381	0.025	0.8	0.0282	0.0000	OK
1440 minute summer	J29	750	186.300	0.029	1.0	0.0328	0.0000	OK
1440 minute summer	J30	750	186.182	0.035	1.4	0.0391	0.0000	OK
1440 minute summer	J31	750	186.155	0.036	1.6	0.0404	0.0000	OK
1440 minute summer	J32	750	186.104	0.039	1.9	0.0446	0.0000	OK
1440 minute summer	J33	750	185.638	0.027	2.6	0.0311	0.0000	OK
1440 minute summer	J34	750	185.171	0.046	3.3	0.0520	0.0000	OK
1440 minute summer	J35	750	185.105	0.030	3.5	0.0342	0.0000	OK
1440 minute summer	J36	750	184.924	0.049	3.7	0.0559	0.0000	OK
1440 minute summer	J37	750	184.629	0.054	4.2	0.0615	0.0000	OK
1440 minute summer	J38	750	184.437	0.062	4.6	0.0698	0.0000	OK
1440 minute summer	J39	750	184.400	0.062	4.8	0.0703	0.0000	OK
1440 minute summer	J40	750	184.379	0.054	5.0	0.0608	0.0000	OK
1440 minute summer	J41	780	184.615	0.018	0.4	0.0199	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J27	23.011	S4	2.8	0.488	0.093	0.0951
1440 minute summer	J28	32.001	J29	0.8	0.470	0.135	0.0150
1440 minute summer	J29	32.002	S12	1.0	0.548	0.169	0.0085
1440 minute summer	J30	32.004	J31	1.4	0.446	0.106	0.0156
1440 minute summer	J31	32.005	J32	1.6	0.465	0.120	0.0336
1440 minute summer	J32	32.006	S13	1.9	0.646	0.143	0.0157
1440 minute summer	J33	32.008	S14	2.6	0.781	0.073	0.0306
1440 minute summer	J34	32.010	J35	3.3	0.736	0.085	0.0405
1440 minute summer	J35	32.011	J36	3.5	0.734	0.039	0.0330
1440 minute summer	J36	32.012	S15	3.7	0.756	0.122	0.0116
1440 minute summer	J37	32.014	S16	4.2	0.860	0.137	0.0259
1440 minute summer	J38	32.016	J39	4.6	0.515	0.151	0.0959
1440 minute summer	J39	32.017	J40	4.8	0.590	0.155	0.0296
1440 minute summer	J40	32.018	S10	5.0	0.707	0.115	0.0672
1440 minute summer	J41	48.002	J42	0.4	0.371	0.067	0.0067

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J42	780	184.559	0.022	0.6	0.0244	0.0000	OK
1440 minute summer	J43	780	184.392	0.032	1.1	0.0362	0.0000	OK
1440 minute summer	J44	780	184.382	0.032	1.3	0.0356	0.0000	OK
1440 minute summer	J45	780	184.339	0.039	1.5	0.0436	0.0000	OK
1440 minute summer	J46	780	184.316	0.044	2.1	0.0493	0.0000	OK
1440 minute summer	J47	780	184.294	0.046	2.3	0.0517	0.0000	OK
1440 minute summer	J48	750	184.204	0.050	2.9	0.0564	0.0000	OK
1440 minute summer	J49	750	184.188	0.059	3.1	0.0663	0.0000	OK
1440 minute summer	J50	750	184.181	0.056	3.3	0.0636	0.0000	OK
1440 minute summer	J51	750	184.170	0.062	3.5	0.0696	0.0000	OK
1440 minute summer	J52	750	184.162	0.058	3.8	0.0658	0.0000	OK
1440 minute summer	J53	750	184.144	0.057	4.0	0.0646	0.0000	OK
1440 minute summer	J54	780	184.999	0.020	0.5	0.0230	0.0000	OK
1440 minute summer	J55	780	184.968	0.024	0.7	0.0269	0.0000	OK
1440 minute summer	J56	750	184.037	0.070	5.8	0.0794	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J42	48.003	S21	0.6	0.405	0.102	0.0122
1440 minute summer	J43	48.005	J44	1.1	0.405	0.079	0.0044
1440 minute summer	J44	48.006	J45	1.3	0.417	0.097	0.0275
1440 minute summer	J45	48.007	S22	1.5	0.396	0.111	0.0092
1440 minute summer	J46	48.009	J47	2.1	0.478	0.157	0.0185
1440 minute summer	J47	48.010	S23	2.3	0.537	0.173	0.0113
1440 minute summer	J48	48.012	J49	2.9	0.394	0.097	0.0549
1440 minute summer	J49	48.013	J50	3.1	0.388	0.101	0.0090
1440 minute summer	J50	48.014	J51	3.3	0.399	0.110	0.0419
1440 minute summer	J51	48.015	J52	3.5	0.413	0.114	0.0096
1440 minute summer	J52	48.016	J53	3.8	0.473	0.124	0.0391
1440 minute summer	J53	48.017	S24	4.0	0.547	0.132	0.0750
1440 minute summer	J54	65.002	J55	0.5	0.391	0.084	0.0047
1440 minute summer	J55	65.003	S24	0.7	0.499	0.119	0.0110
1440 minute summer	J56	48.019	J57	5.8	0.456	0.106	0.1149

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Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J57	1110	184.025	0.080	6.0	0.0902	0.0000	OK
1440 minute summer	BASIN 1	990	185.916	0.915	8.4	119.3423	0.0000	SURCHARGED
1440 minute summer	BASIN 2	1560	184.861	0.561	1.3	56.6800	0.0000	OK
1440 minute summer	BASIN 3	1680	183.259	0.159	5.5	111.4871	0.0000	OK
1440 minute summer	BASIN 4	1110	184.025	0.695	6.0	99.0759	0.0000	SURCHARGED
1440 minute summer	SWALE 1	990	184.965	0.033	1.3	0.0369	0.0000	OK
1440 minute summer	SWALE 2	1560	184.481	0.031	1.1	0.0351	0.0000	OK
1440 minute summer	SWALE 3	750	184.127	0.057	5.5	0.0649	0.0000	OK
1440 minute summer	BH1	1560	184.861	0.783	0.3	3.0737	0.0000	OK
1440 minute summer	BH2	1680	183.259	0.207	0.5	2.6342	0.0000	OK
1440 minute summer	BH3	1110	184.025	0.719	0.4	4.9592	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J57	48.020	S25	6.0	0.485	0.111	0.1391
1440 minute summer	BASIN 1	1.023	S5	1.3	0.094	0.025	0.6013
1440 minute summer	BASIN 2	1.027	S7	1.1	0.406	0.020	0.0590
1440 minute summer	BASIN 2	71.000	BH1	0.3	0.332	0.051	0.1829
1440 minute summer	BASIN 3	1.034	BH2	0.5	0.173	0.006	1.4425
1440 minute summer	BASIN 4	48.022	BH3	0.4	0.194	0.007	0.7181
1440 minute summer	SWALE 1	1.025	S6	1.3	0.322	0.025	0.1572
1440 minute summer	SWALE 2	1.029	S8	1.1	0.389	0.020	0.0727
1440 minute summer	SWALE 3	1.033	BASIN 3	5.5	0.599	0.079	0.3941
1440 minute summer	BH1	Infiltration		0.1			
1440 minute summer	BH2	Infiltration		0.2			
1440 minute summer	BH3	Infiltration		0.2			

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S1	660	188.381	0.011	0.2	0.0142	0.0000	OK
1440 minute winter	S2	750	187.089	0.050	2.9	0.0730	0.0000	OK
1440 minute winter	S3	750	186.266	0.054	4.1	0.0699	0.0000	OK
1440 minute winter	S4	1080	186.026	0.648	6.5	0.7701	0.0000	SURCHARGED
1440 minute winter	S5	1080	186.028	1.048	1.4	1.1850	0.0000	SURCHARGED
1440 minute winter	S6	1080	184.878	0.034	1.4	0.0386	0.0000	OK
1440 minute winter	S7	1440	184.798	0.019	1.2	0.0216	0.0000	OK
1440 minute winter	S8	1470	184.410	0.020	1.2	0.0227	0.0000	OK
1440 minute winter	S9	1470	184.231	0.031	1.2	0.0346	0.0000	OK
1440 minute winter	S10	750	184.216	0.032	4.2	0.0488	0.0000	OK
1440 minute winter	S11	660	186.418	0.018	0.4	0.0292	0.0000	OK
1440 minute winter	S12	780	186.202	0.025	0.8	0.0288	0.0000	OK
1440 minute winter	S13	780	186.058	0.024	1.7	0.0339	0.0000	OK
1440 minute winter	S14	810	185.289	0.039	2.3	0.0612	0.0000	OK
1440 minute winter	S15	750	184.895	0.028	3.0	0.0388	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	S1	1.000	J1	0.2	0.313	0.023	0.0058
1440 minute winter	S2	1.012	J12	2.9	0.493	0.097	0.0088
1440 minute winter	S3	1.019	J18	4.1	0.769	0.133	0.0277
1440 minute winter	S4	1.022	BASIN 1	6.4	0.698	0.038	1.1778
1440 minute winter	S5	1.024	SWALE 1	1.4	0.328	0.027	0.0879
1440 minute winter	S6	1.026	BASIN 2	1.4	0.373	0.026	0.0241
1440 minute winter	S7	1.028	SWALE 2	1.2	0.420	0.008	0.0503
1440 minute winter	S8	1.030	S9	1.2	0.436	0.009	0.0345
1440 minute winter	S9	1.031	S10	1.2	0.465	0.023	0.0182
1440 minute winter	S10	1.032	SWALE 3	4.2	0.723	0.023	0.0257
1440 minute winter	S11	32.000	J28	0.4	0.394	0.067	0.0046
1440 minute winter	S12	32.003	J30	0.8	0.368	0.060	0.0111
1440 minute winter	S13	32.007	J33	1.7	0.955	0.053	0.0232
1440 minute winter	S14	32.009	J34	2.3	0.659	0.133	0.0183
1440 minute winter	S15	32.013	J37	3.0	0.682	0.032	0.0419

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S16	750	184.580	0.023	3.3	0.0295	0.0000	OK
1440 minute winter	S17	1080	186.036	0.036	0.1	0.0407	0.0000	OK
1440 minute winter	S18	1110	186.029	0.368	1.1	0.5193	0.0000	SURCHARGED
1440 minute winter	S19	1080	186.028	0.537	2.0	0.7356	0.0000	SURCHARGED
1440 minute winter	S20	720	184.658	0.016	0.3	0.0191	0.0000	OK
1440 minute winter	S21	810	184.485	0.026	0.8	0.0305	0.0000	OK
1440 minute winter	S22	810	184.326	0.040	1.7	0.0491	0.0000	OK
1440 minute winter	S23	780	184.205	0.047	2.2	0.0560	0.0000	OK
1440 minute winter	S24	1170	184.144	0.167	4.6	0.2422	0.0000	OK
1440 minute winter	S25	1170	184.144	0.218	4.8	0.2463	0.0000	OK
1440 minute winter	S26	810	185.388	0.011	0.2	0.0128	0.0000	OK
1440 minute winter	FC1	810	188.302	0.052	0.2	0.0686	0.0000	OK
1440 minute winter	FC2	810	188.202	0.052	0.2	0.0689	0.0000	OK
1440 minute winter	FC3	780	188.303	0.103	0.3	0.1496	0.0000	SURCHARGED
1440 minute winter	FC4	960	188.222	0.022	0.1	0.0284	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	S16	32.015	J38	3.3	0.735	0.022	0.0108
1440 minute winter	S17	23.001	J20	0.1	0.219	0.020	0.0371
1440 minute winter	S18	23.006	J24	1.1	0.408	0.080	0.0323
1440 minute winter	S19	23.010	J27	1.9	0.380	0.064	0.3541
1440 minute winter	S20	48.001	J41	0.3	0.391	0.050	0.0035
1440 minute winter	S21	48.004	J43	0.8	0.515	0.135	0.0079
1440 minute winter	S22	48.008	J46	1.7	0.451	0.127	0.0092
1440 minute winter	S23	48.011	J48	2.2	0.377	0.071	0.0066
1440 minute winter	S24	48.018	J56	4.6	0.420	0.086	0.1770
1440 minute winter	S25	48.021	BASIN 4	4.8	0.527	0.087	0.1783
1440 minute winter	S26	65.001	J54	0.2	0.456	0.023	0.0037
1440 minute winter	FC1	2.000	J1	0.2	0.265	0.032	0.0036
1440 minute winter	FC2	3.000	J2	0.2	0.179	0.034	0.0053
1440 minute winter	FC3	4.000	J3	0.3	0.414	0.047	0.0068
1440 minute winter	FC4	5.000	J4	0.1	0.335	0.013	0.0022

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC5	810	188.052	0.052	0.2	0.0693	0.0000	OK
1440 minute winter	FC6	1020	187.872	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC7	660	187.772	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC8	810	187.800	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC9	960	187.492	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC10	750	187.521	0.051	0.2	0.0724	0.0000	OK
1440 minute winter	FC11	750	187.372	0.052	0.2	0.0676	0.0000	OK
1440 minute winter	FC12	750	187.282	0.052	0.2	0.0676	0.0000	OK
1440 minute winter	FC13	810	187.052	0.052	0.2	0.0691	0.0000	OK
1440 minute winter	FC14	810	186.948	0.048	0.2	0.6111	0.0000	OK
1440 minute winter	FC15	510	187.222	0.022	0.1	0.0283	0.0000	OK
1440 minute winter	FC16	630	186.922	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC17	990	187.022	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC18	750	186.572	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC19	810	186.452	0.052	0.2	0.0692	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024
1440 minute winter	FC6	7.000	J6	0.1	0.367	0.012	0.0020
1440 minute winter	FC7	8.000	J7	0.1	0.321	0.014	0.0023
1440 minute winter	FC8	9.000	J8	0.2	0.488	0.021	0.0017
1440 minute winter	FC9	10.000	J9	0.1	0.284	0.017	0.0025
1440 minute winter	FC10	11.000	J10	0.2	0.376	0.030	0.0033
1440 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0044
1440 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040
1440 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039
1440 minute winter	FC14	15.000	J13	0.2	0.343	0.032	0.0042
1440 minute winter	FC15	16.000	J14	0.1	0.592	0.006	0.0008
1440 minute winter	FC16	17.000	J15	0.1	0.301	0.015	0.0025
1440 minute winter	FC17	18.000	J16	0.1	0.473	0.008	0.0010
1440 minute winter	FC18	19.000	J17	0.1	0.283	0.017	0.0025
1440 minute winter	FC19	20.000	S3	0.2	0.347	0.034	0.0038

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC20	810	187.000	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC21	810	186.352	0.052	0.2	0.0692	0.0000	OK
1440 minute winter	FC22	870	186.472	0.022	0.1	0.2126	0.0000	OK
1440 minute winter	FC23	750	186.322	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC24	810	186.351	0.051	0.2	0.0675	0.0000	OK
1440 minute winter	FC25	810	186.600	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC26	600	186.472	0.022	0.1	0.2224	0.0000	OK
1440 minute winter	FC27	510	186.522	0.022	0.1	0.0283	0.0000	OK
1440 minute winter	FC28	810	186.550	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC29	780	186.550	0.050	0.2	0.0678	0.0000	OK
1440 minute winter	FC30	810	186.800	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC31	630	186.472	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC32	630	186.472	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC33	810	186.500	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC34	810	186.502	0.052	0.2	0.0689	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013
1440 minute winter	FC21	22.000	J19	0.2	0.347	0.034	0.0044
1440 minute winter	FC22	23.000	S17	0.1	0.402	0.005	0.0062
1440 minute winter	FC23	24.000	J20	0.1	0.295	0.016	0.0016
1440 minute winter	FC24	25.000	J21	0.2	0.405	0.027	0.0023
1440 minute winter	FC25	26.000	J22	0.2	0.687	0.013	0.0014
1440 minute winter	FC26	27.000	J23	0.1	0.492	0.008	0.0009
1440 minute winter	FC27	28.000	J24	0.1	0.611	0.005	0.0007
1440 minute winter	FC28	29.000	J25	0.2	0.691	0.012	0.0013
1440 minute winter	FC29	30.000	J26	0.2	0.672	0.013	0.0014
1440 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0014
1440 minute winter	FC31	33.000	J28	0.1	0.204	0.011	0.0029
1440 minute winter	FC32	34.000	J29	0.1	0.183	0.008	0.0031
1440 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013
1440 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC35	810	186.500	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC36	780	186.500	0.050	0.2	0.0678	0.0000	OK
1440 minute winter	FC37	750	185.850	0.050	0.2	0.0698	0.0000	OK
1440 minute winter	FC38	900	185.472	0.022	0.1	0.2647	0.0000	OK
1440 minute winter	FC39	720	185.472	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC40	810	185.550	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC41	810	184.900	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC42	810	184.650	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC43	810	184.650	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC44	480	184.607	0.007	0.1	0.0089	0.0000	OK
1440 minute winter	FC45	30	184.600	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	FC46	750	184.752	0.052	0.2	0.0731	0.0000	OK
1440 minute winter	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	FC48	810	184.850	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC49	810	184.852	0.052	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016
1440 minute winter	FC36	38.000	J32	0.2	0.685	0.013	0.0015
1440 minute winter	FC37	39.000	J33	0.2	0.459	0.023	0.0029
1440 minute winter	FC38	40.000	J34	0.1	0.473	0.008	0.0010
1440 minute winter	FC39	41.000	J35	0.1	0.521	0.007	0.0009
1440 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013
1440 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0020
1440 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0022
1440 minute winter	FC43	45.000	J39	0.2	0.526	0.019	0.0016
1440 minute winter	FC44	46.000	J40	0.1	0.438	0.009	0.0010
1440 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
1440 minute winter	FC46	48.000	S20	0.2	0.298	0.034	0.0040
1440 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0020
1440 minute winter	FC48	50.000	J42	0.2	0.299	0.014	0.0035
1440 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC50	810	184.852	0.052	0.2	0.0692	0.0000	OK
1440 minute winter	FC51	810	184.902	0.052	0.2	0.0692	0.0000	OK
1440 minute winter	FC52	750	185.300	0.050	0.2	0.0688	0.0000	OK
1440 minute winter	FC53	810	185.300	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC54	1020	185.272	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC55	810	185.272	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC56	810	185.400	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC57	810	185.400	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC58	990	185.372	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC59	900	185.372	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC60	810	185.400	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC61	810	185.350	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC62	750	185.349	0.099	0.3	0.1421	0.0000	OK
1440 minute winter	FC63	960	185.422	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	FC64	810	185.052	0.052	0.2	0.0690	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027
1440 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035
1440 minute winter	FC52	58.000	S23	0.2	0.502	0.020	0.0022
1440 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018
1440 minute winter	FC54	62.000	J51	0.1	0.425	0.009	0.0009
1440 minute winter	FC55	64.000	J53	0.1	0.533	0.007	0.0008
1440 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019
1440 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020
1440 minute winter	FC58	56.000	J46	0.1	0.495	0.007	0.0013
1440 minute winter	FC59	57.000	J47	0.1	0.460	0.008	0.0014
1440 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023
1440 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033
1440 minute winter	FC62	63.000	J52	0.3	0.468	0.039	0.0059
1440 minute winter	FC63	65.000	S26	0.1	0.312	0.017	0.0010
1440 minute winter	FC64	66.000	J54	0.2	0.270	0.034	0.0017

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC65	810	185.200	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC66	810	185.051	0.051	0.2	0.0680	0.0000	OK
1440 minute winter	FC67	960	184.822	0.022	0.1	0.2271	0.0000	OK
1440 minute winter	FC68	780	184.572	0.022	0.1	0.0284	0.0000	OK
1440 minute winter	J1	810	188.218	0.018	0.6	0.0247	0.0000	OK
1440 minute winter	J2	810	188.134	0.028	0.8	0.0312	0.0000	OK
1440 minute winter	J3	780	188.076	0.030	1.1	0.0334	0.0000	OK
1440 minute winter	J4	780	188.055	0.020	1.2	0.0230	0.0000	OK
1440 minute winter	J5	780	187.930	0.020	1.4	0.0223	0.0000	OK
1440 minute winter	J6	780	187.675	0.025	1.5	0.0287	0.0000	OK
1440 minute winter	J7	780	187.635	0.035	1.6	0.0396	0.0000	OK
1440 minute winter	J8	780	187.619	0.026	1.8	0.0289	0.0000	OK
1440 minute winter	J9	780	187.311	0.036	1.9	0.0405	0.0000	OK
1440 minute winter	J10	780	187.290	0.020	2.1	0.0228	0.0000	OK
1440 minute winter	J11	750	187.150	0.029	2.3	0.0328	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC65	67.000	J55	0.2	0.285	0.011	0.0017
1440 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011
1440 minute winter	FC67	69.000	J56	0.1	0.279	0.017	0.0008
1440 minute winter	FC68	70.000	J57	0.1	0.373	0.011	0.0006
1440 minute winter	J1	1.001	J2	0.6	0.444	0.072	0.0069
1440 minute winter	J2	1.002	J3	0.8	0.490	0.135	0.0017
1440 minute winter	J3	1.003	J4	1.1	0.574	0.083	0.0038
1440 minute winter	J4	1.004	J5	1.2	0.864	0.036	0.0049
1440 minute winter	J5	1.005	J6	1.4	0.847	0.037	0.0094
1440 minute winter	J6	1.006	J7	1.5	0.594	0.053	0.0050
1440 minute winter	J7	1.007	J8	1.6	0.631	0.115	0.0029
1440 minute winter	J8	1.008	J9	1.8	0.924	0.060	0.0165
1440 minute winter	J9	1.009	J10	1.9	0.683	0.058	0.0035
1440 minute winter	J10	1.010	J11	2.1	0.912	0.016	0.0058
1440 minute winter	J11	1.011	S2	2.3	0.503	0.036	0.0254

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J12	750	186.842	0.033	3.1	0.0371	0.0000	OK
1440 minute winter	J13	750	186.759	0.057	3.3	0.0650	0.0000	OK
1440 minute winter	J14	750	186.751	0.056	3.4	0.0629	0.0000	OK
1440 minute winter	J15	750	186.739	0.051	3.5	0.0578	0.0000	OK
1440 minute winter	J16	750	186.710	0.040	3.6	0.0457	0.0000	OK
1440 minute winter	J17	750	186.383	0.025	3.7	0.0279	0.0000	OK
1440 minute winter	J18	750	186.227	0.033	4.3	0.0368	0.0000	OK
1440 minute winter	J19	750	186.086	0.059	4.5	0.0663	0.0000	OK
1440 minute winter	J20	1080	186.035	0.104	0.2	0.1180	0.0000	SURCHARGED
1440 minute winter	J21	1080	186.035	0.140	0.4	0.1588	0.0000	SURCHARGED
1440 minute winter	J22	1080	186.035	0.217	0.6	0.2459	0.0000	SURCHARGED
1440 minute winter	J23	1080	186.034	0.251	0.7	0.2838	0.0000	SURCHARGED
1440 minute winter	J24	1110	186.029	0.379	1.2	0.4283	0.0000	SURCHARGED
1440 minute winter	J25	1080	186.029	0.414	1.5	0.4678	0.0000	SURCHARGED
1440 minute winter	J26	1080	186.029	0.442	1.6	0.4996	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J12	1.013	J13	3.1	0.548	0.046	0.0373
1440 minute winter	J13	1.014	J14	3.3	0.420	0.104	0.0148
1440 minute winter	J14	1.015	J15	3.4	0.470	0.108	0.0138
1440 minute winter	J15	1.016	J16	3.5	0.603	0.114	0.0297
1440 minute winter	J16	1.017	J17	3.6	0.788	0.059	0.0153
1440 minute winter	J17	1.018	S3	3.7	0.795	0.025	0.0091
1440 minute winter	J18	1.020	J19	4.3	1.351	0.033	0.0047
1440 minute winter	J19	1.021	S4	4.5	0.518	0.081	0.0381
1440 minute winter	J20	23.002	J21	0.2	0.302	0.034	0.0295
1440 minute winter	J21	23.003	J22	0.4	0.361	0.068	0.0627
1440 minute winter	J22	23.004	J23	0.6	0.448	0.101	0.0281
1440 minute winter	J23	23.005	S18	0.7	0.500	0.118	0.0587
1440 minute winter	J24	23.007	J25	1.5	0.433	0.113	0.1088
1440 minute winter	J25	23.008	J26	1.4	0.433	0.105	0.0874
1440 minute winter	J26	23.009	S19	1.6	0.491	0.120	0.0652

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J27	1110	186.030	0.569	2.1	0.6437	0.0000	SURCHARGED
1440 minute winter	J28	840	186.376	0.020	0.5	0.0222	0.0000	OK
1440 minute winter	J29	690	186.293	0.022	0.6	0.0251	0.0000	OK
1440 minute winter	J30	780	186.176	0.029	1.0	0.0328	0.0000	OK
1440 minute winter	J31	780	186.150	0.031	1.2	0.0348	0.0000	OK
1440 minute winter	J32	780	186.098	0.034	1.4	0.0384	0.0000	OK
1440 minute winter	J33	780	185.634	0.024	1.9	0.0267	0.0000	OK
1440 minute winter	J34	750	185.165	0.040	2.4	0.0449	0.0000	OK
1440 minute winter	J35	810	185.101	0.026	2.5	0.0293	0.0000	OK
1440 minute winter	J36	750	184.918	0.043	2.7	0.0484	0.0000	OK
1440 minute winter	J37	750	184.623	0.048	3.2	0.0543	0.0000	OK
1440 minute winter	J38	750	184.429	0.054	3.5	0.0606	0.0000	OK
1440 minute winter	J39	750	184.392	0.054	3.7	0.0614	0.0000	OK
1440 minute winter	J40	750	184.372	0.047	3.8	0.0529	0.0000	OK
1440 minute winter	J41	720	184.612	0.015	0.3	0.0173	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J27	23.011	S4	2.4	0.441	0.080	0.0951
1440 minute winter	J28	32.001	J29	0.5	0.421	0.084	0.0105
1440 minute winter	J29	32.002	S12	0.6	0.476	0.101	0.0059
1440 minute winter	J30	32.004	J31	1.0	0.403	0.075	0.0124
1440 minute winter	J31	32.005	J32	1.2	0.430	0.090	0.0272
1440 minute winter	J32	32.006	S13	1.4	0.591	0.105	0.0127
1440 minute winter	J33	32.008	S14	1.9	0.715	0.053	0.0245
1440 minute winter	J34	32.010	J35	2.4	0.673	0.062	0.0326
1440 minute winter	J35	32.011	J36	2.5	0.657	0.028	0.0267
1440 minute winter	J36	32.012	S15	2.7	0.689	0.090	0.0095
1440 minute winter	J37	32.014	S16	3.2	0.794	0.105	0.0216
1440 minute winter	J38	32.016	J39	3.5	0.480	0.116	0.0789
1440 minute winter	J39	32.017	J40	3.7	0.556	0.120	0.0244
1440 minute winter	J40	32.018	S10	3.8	0.657	0.088	0.0554
1440 minute winter	J41	48.002	J42	0.3	0.356	0.051	0.0057

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J42	810	184.557	0.020	0.5	0.0223	0.0000	OK
1440 minute winter	J43	810	184.391	0.030	1.0	0.0345	0.0000	OK
1440 minute winter	J44	810	184.380	0.030	1.2	0.0343	0.0000	OK
1440 minute winter	J45	810	184.337	0.037	1.4	0.0416	0.0000	OK
1440 minute winter	J46	780	184.312	0.040	1.8	0.0452	0.0000	OK
1440 minute winter	J47	810	184.289	0.041	1.9	0.0467	0.0000	OK
1440 minute winter	J48	780	184.199	0.045	2.4	0.0507	0.0000	OK
1440 minute winter	J49	750	184.182	0.053	2.6	0.0602	0.0000	OK
1440 minute winter	J50	750	184.176	0.051	2.8	0.0577	0.0000	OK
1440 minute winter	J51	750	184.164	0.056	2.9	0.0631	0.0000	OK
1440 minute winter	J52	750	184.157	0.053	3.2	0.0599	0.0000	OK
1440 minute winter	J53	1170	184.144	0.057	3.3	0.0642	0.0000	OK
1440 minute winter	J54	810	184.997	0.018	0.4	0.0203	0.0000	OK
1440 minute winter	J55	810	184.966	0.022	0.6	0.0249	0.0000	OK
1440 minute winter	J56	1170	184.144	0.177	4.7	0.1999	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J42	48.003	S21	0.5	0.388	0.085	0.0110
1440 minute winter	J43	48.005	J44	1.0	0.393	0.072	0.0041
1440 minute winter	J44	48.006	J45	1.2	0.409	0.090	0.0258
1440 minute winter	J45	48.007	S22	1.4	0.393	0.103	0.0085
1440 minute winter	J46	48.009	J47	1.8	0.468	0.135	0.0162
1440 minute winter	J47	48.010	S23	1.9	0.510	0.143	0.0098
1440 minute winter	J48	48.012	J49	2.4	0.378	0.080	0.0475
1440 minute winter	J49	48.013	J50	2.6	0.375	0.085	0.0079
1440 minute winter	J50	48.014	J51	2.8	0.393	0.094	0.0365
1440 minute winter	J51	48.015	J52	2.9	0.400	0.095	0.0084
1440 minute winter	J52	48.016	J53	3.2	0.457	0.105	0.0341
1440 minute winter	J53	48.017	S24	3.3	0.519	0.109	0.1182
1440 minute winter	J54	65.002	J55	0.4	0.360	0.068	0.0041
1440 minute winter	J55	65.003	S24	0.6	0.478	0.102	0.0099
1440 minute winter	J56	48.019	J57	4.7	0.436	0.087	0.4213

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Results for 30 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J57	1170	184.144	0.199	4.8	0.2248	0.0000	OK
1440 minute winter	BASIN 1	1080	186.028	1.028	6.4	136.8742	0.0000	SURCHARGED
1440 minute winter	BASIN 2	1440	184.863	0.563	1.4	56.9164	0.0000	OK
1440 minute winter	BASIN 3	1680	183.297	0.197	4.2	138.5735	0.0000	OK
1440 minute winter	BASIN 4	1170	184.144	0.814	4.8	118.6304	0.0000	SURCHARGED
1440 minute winter	SWALE 1	1080	184.966	0.034	1.4	0.0380	0.0000	OK
1440 minute winter	SWALE 2	1470	184.483	0.033	1.2	0.0373	0.0000	OK
1440 minute winter	SWALE 3	750	184.121	0.050	4.2	0.0571	0.0000	OK
1440 minute winter	BH1	1440	184.863	0.786	0.3	3.0796	0.0000	OK
1440 minute winter	BH2	1680	183.297	0.245	0.7	2.8227	0.0000	OK
1440 minute winter	BH3	1170	184.144	0.838	0.3	5.5146	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J57	48.020	S25	4.8	0.457	0.089	0.4129
1440 minute winter	BASIN 1	1.023	S5	1.4	0.094	0.027	0.6013
1440 minute winter	BASIN 2	1.027	S7	1.2	0.424	0.023	0.0647
1440 minute winter	BASIN 2	71.000	BH1	0.3	0.332	0.043	0.1829
1440 minute winter	BASIN 3	1.034	BH2	0.7	0.187	0.009	1.8214
1440 minute winter	BASIN 4	48.022	BH3	0.3	0.195	0.006	0.7181
1440 minute winter	SWALE 1	1.025	S6	1.4	0.327	0.027	0.1637
1440 minute winter	SWALE 2	1.029	S8	1.2	0.408	0.023	0.0793
1440 minute winter	SWALE 3	1.033	BASIN 3	4.2	0.558	0.061	0.3254
1440 minute winter	BH1	Infiltration		0.1			
1440 minute winter	BH2	Infiltration		0.2			
1440 minute winter	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S1	11	188.421	0.051	4.4	0.0685	0.0000	OK
15 minute summer	S2	12	187.190	0.150	22.8	0.2213	0.0000	OK
15 minute summer	S3	12	186.370	0.158	31.5	0.2059	0.0000	OK
15 minute summer	S4	11	185.511	0.133	55.2	0.1581	0.0000	OK
15 minute summer	S5	79	185.500	0.519	3.8	0.5875	0.0000	SURCHARGED
15 minute summer	S6	82	184.873	0.029	1.0	0.0325	0.0000	OK
15 minute summer	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S9	12	184.330	0.130	1.6	0.1468	0.0000	OK
15 minute summer	S10	12	184.330	0.146	47.8	0.2221	0.0000	OK
15 minute summer	S11	12	186.731	0.331	10.1	0.5396	0.0000	SURCHARGED
15 minute summer	S12	13	186.288	0.112	9.3	0.1272	0.0000	OK
15 minute summer	S13	11	186.114	0.080	16.4	0.1137	0.0000	OK
15 minute summer	S14	11	185.507	0.257	25.7	0.4032	0.0000	SURCHARGED
15 minute summer	S15	11	184.966	0.099	32.4	0.1380	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	S1	1.000	J1	4.4	0.678	0.499	0.0485
15 minute summer	S2	1.012	J12	22.8	0.894	0.765	0.0381
15 minute summer	S3	1.019	J18	31.4	1.278	1.027	0.1255
15 minute summer	S4	1.022	BASIN 1	55.5	2.566	0.331	0.8124
15 minute summer	S5	1.024	SWALE 1	1.0	0.321	0.018	0.0680
15 minute summer	S6	1.026	BASIN 2	1.0	0.342	0.018	0.0167
15 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
15 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.1754
15 minute summer	S9	1.031	S10	-1.6	-0.186	-0.030	0.2108
15 minute summer	S10	1.032	SWALE 3	47.4	1.247	0.263	0.1751
15 minute summer	S11	32.000	J28	8.4	1.073	1.412	0.0355
15 minute summer	S12	32.003	J30	9.3	0.646	0.694	0.0732
15 minute summer	S13	32.007	J33	16.3	1.728	0.506	0.1263
15 minute summer	S14	32.009	J34	25.3	1.440	1.462	0.0908
15 minute summer	S15	32.013	J37	32.3	1.363	0.350	0.2212

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S16	12	184.667	0.110	35.9	0.1392	0.0000	OK
15 minute summer	S17	18	186.016	0.016	0.3	0.0184	0.0000	OK
15 minute summer	S18	11	185.795	0.134	10.4	0.1887	0.0000	OK
15 minute summer	S19	11	185.642	0.151	20.2	0.2068	0.0000	OK
15 minute summer	S20	11	184.693	0.051	2.8	0.0626	0.0000	OK
15 minute summer	S21	12	184.548	0.088	5.7	0.1048	0.0000	OK
15 minute summer	S22	12	184.425	0.139	11.0	0.1699	0.0000	OK
15 minute summer	S23	13	184.312	0.154	14.7	0.1817	0.0000	OK
15 minute summer	S24	12	184.177	0.200	32.5	0.2909	0.0000	OK
15 minute summer	S25	12	184.092	0.166	33.1	0.1877	0.0000	OK
15 minute summer	S26	11	185.413	0.035	2.2	0.0428	0.0000	OK
15 minute summer	FC1	15	188.903	0.653	4.0	1.2605	0.0000	SURCHARGED
15 minute summer	FC2	15	188.801	0.651	4.0	1.2616	0.0000	SURCHARGED
15 minute summer	FC3	17	188.870	0.670	6.5	2.1985	0.0000	SURCHARGED
15 minute summer	FC4	15	188.831	0.631	3.2	0.9367	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	S16	32.015	J38	35.7	1.103	0.243	0.0682
15 minute summer	S17	23.001	J20	0.3	0.345	0.057	0.0104
15 minute summer	S18	23.006	J24	10.3	0.653	0.751	0.0298
15 minute summer	S19	23.010	J27	20.1	0.734	0.672	0.2443
15 minute summer	S20	48.001	J41	2.7	0.683	0.456	0.0186
15 minute summer	S21	48.004	J43	5.6	0.812	0.951	0.0352
15 minute summer	S22	48.008	J46	10.9	0.654	0.814	0.0408
15 minute summer	S23	48.011	J48	14.6	0.543	0.473	0.0319
15 minute summer	S24	48.018	J56	32.4	0.670	0.605	0.2063
15 minute summer	S25	48.021	BASIN 4	32.9	0.914	0.596	0.1149
15 minute summer	S26	65.001	J54	2.2	0.905	0.251	0.0207
15 minute summer	FC1	2.000	J1	1.8	0.575	0.293	0.0372
15 minute summer	FC2	3.000	J2	1.4	0.359	0.237	0.0355
15 minute summer	FC3	4.000	J3	0.8	0.551	0.128	0.0218
15 minute summer	FC4	5.000	J4	0.8	0.616	0.104	0.0094

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC5	15	188.648	0.648	4.0	1.2437	0.0000	SURCHARGED
15 minute summer	FC6	15	188.483	0.633	3.2	0.9362	0.0000	SURCHARGED
15 minute summer	FC7	15	188.383	0.633	3.2	0.9368	0.0000	SURCHARGED
15 minute summer	FC8	15	188.399	0.649	4.0	1.2420	0.0000	SURCHARGED
15 minute summer	FC9	15	188.103	0.633	3.2	0.9379	0.0000	SURCHARGED
15 minute summer	FC10	16	188.137	0.667	5.7	1.8712	0.0000	SURCHARGED
15 minute summer	FC11	15	187.962	0.642	3.6	1.0959	0.0000	SURCHARGED
15 minute summer	FC12	15	187.872	0.642	3.6	1.0956	0.0000	SURCHARGED
15 minute summer	FC13	15	187.652	0.652	4.0	1.2438	0.0000	SURCHARGED
15 minute summer	FC14	18	187.021	0.121	4.0	1.5498	0.0000	SURCHARGED
15 minute summer	FC15	15	187.833	0.633	3.2	0.9346	0.0000	SURCHARGED
15 minute summer	FC16	15	187.533	0.633	3.2	0.9376	0.0000	SURCHARGED
15 minute summer	FC17	15	187.633	0.633	3.2	0.9349	0.0000	SURCHARGED
15 minute summer	FC18	15	187.184	0.634	3.2	0.9378	0.0000	SURCHARGED
15 minute summer	FC19	15	187.052	0.652	4.0	1.2435	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC5	6.000	J5	0.8	0.512	0.134	0.0065
15 minute summer	FC6	7.000	J6	0.8	0.677	0.091	0.0174
15 minute summer	FC7	8.000	J7	0.8	0.586	0.111	0.0219
15 minute summer	FC8	9.000	J8	0.8	0.729	0.082	0.0059
15 minute summer	FC9	10.000	J9	0.8	0.518	0.133	0.0110
15 minute summer	FC10	11.000	J10	0.8	0.562	0.122	0.0090
15 minute summer	FC11	12.000	J11	0.8	0.517	0.134	0.0119
15 minute summer	FC12	13.000	S2	0.8	0.516	0.134	0.0107
15 minute summer	FC13	14.000	J12	0.8	0.519	0.135	0.0105
15 minute summer	FC14	15.000	J13	0.3	0.403	0.055	0.0215
15 minute summer	FC15	16.000	J14	0.8	1.101	0.046	0.0103
15 minute summer	FC16	17.000	J15	0.8	0.550	0.122	0.0120
15 minute summer	FC17	18.000	J16	0.8	0.874	0.063	0.0044
15 minute summer	FC18	19.000	J17	0.8	0.515	0.134	0.0107
15 minute summer	FC19	20.000	S3	0.8	0.516	0.136	0.0125

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC20	15	187.599	0.649	4.0	1.2408	0.0000	SURCHARGED
15 minute summer	FC21	15	186.949	0.649	4.0	1.2446	0.0000	SURCHARGED
15 minute summer	FC22	17	186.573	0.123	3.2	1.1996	0.0000	SURCHARGED
15 minute summer	FC23	15	186.933	0.633	3.2	0.9378	0.0000	SURCHARGED
15 minute summer	FC24	15	186.950	0.650	4.0	1.2422	0.0000	SURCHARGED
15 minute summer	FC25	15	187.199	0.649	4.0	1.2408	0.0000	SURCHARGED
15 minute summer	FC26	17	186.569	0.119	3.2	1.2036	0.0000	SURCHARGED
15 minute summer	FC27	15	187.132	0.632	3.2	0.9347	0.0000	SURCHARGED
15 minute summer	FC28	15	187.148	0.648	4.0	1.2409	0.0000	SURCHARGED
15 minute summer	FC29	16	187.154	0.654	4.4	1.3851	0.0000	SURCHARGED
15 minute summer	FC30	15	187.399	0.649	4.0	1.2417	0.0000	SURCHARGED
15 minute summer	FC31	15	187.085	0.635	3.2	0.9647	0.0000	SURCHARGED
15 minute summer	FC32	15	187.083	0.633	3.2	0.9349	0.0000	SURCHARGED
15 minute summer	FC33	15	187.101	0.651	4.0	1.2411	0.0000	SURCHARGED
15 minute summer	FC34	15	187.101	0.651	4.0	1.2441	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC20	21.000	J18	0.8	1.044	0.050	0.0033
15 minute summer	FC21	22.000	J19	0.8	0.517	0.135	0.0118
15 minute summer	FC22	23.000	S17	0.3	0.748	0.018	0.0028
15 minute summer	FC23	24.000	J20	0.8	0.535	0.125	0.0068
15 minute summer	FC24	25.000	J21	0.8	0.604	0.108	0.0061
15 minute summer	FC25	26.000	J22	0.8	1.036	0.051	0.0037
15 minute summer	FC26	27.000	J23	0.3	0.706	0.025	0.0022
15 minute summer	FC27	28.000	J24	0.8	1.137	0.044	0.0031
15 minute summer	FC28	29.000	J25	0.8	1.042	0.050	0.0034
15 minute summer	FC29	30.000	J26	0.8	1.015	0.053	0.0038
15 minute summer	FC30	31.000	J27	0.8	0.971	0.055	0.0036
15 minute summer	FC31	33.000	J28	1.8	0.577	0.195	0.0333
15 minute summer	FC32	34.000	J29	0.8	0.434	0.063	0.0181
15 minute summer	FC33	35.000	S12	0.8	0.953	0.057	0.0123
15 minute summer	FC34	36.000	J30	0.8	0.530	0.129	0.0072

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC35	15	187.099	0.649	4.0	1.2414	0.0000	SURCHARGED
15 minute summer	FC36	16	187.101	0.651	4.4	1.3859	0.0000	SURCHARGED
15 minute summer	FC37	16	186.465	0.665	5.3	1.7123	0.0000	SURCHARGED
15 minute summer	FC38	17	185.551	0.101	3.2	1.2204	0.0000	SURCHARGED
15 minute summer	FC39	15	186.081	0.631	3.2	0.9351	0.0000	SURCHARGED
15 minute summer	FC40	15	186.104	0.604	4.0	1.2471	0.0000	SURCHARGED
15 minute summer	FC41	15	185.496	0.646	4.0	1.2415	0.0000	SURCHARGED
15 minute summer	FC42	15	185.247	0.647	4.0	1.2435	0.0000	SURCHARGED
15 minute summer	FC43	15	185.227	0.627	4.0	1.2446	0.0000	SURCHARGED
15 minute summer	FC44	10	184.639	0.039	3.2	0.0506	0.0000	OK
15 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	FC46	16	185.367	0.667	5.7	1.8729	0.0000	SURCHARGED
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute summer	FC48	15	185.449	0.649	4.0	1.2415	0.0000	SURCHARGED
15 minute summer	FC49	15	185.450	0.650	4.0	1.2435	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC35	37.000	J31	0.8	0.959	0.056	0.0155
15 minute summer	FC36	38.000	J32	0.8	1.032	0.051	0.0133
15 minute summer	FC37	39.000	J33	0.8	0.692	0.091	0.0111
15 minute summer	FC38	40.000	J34	0.3	0.661	0.024	0.0022
15 minute summer	FC39	41.000	J35	0.8	0.965	0.055	0.0036
15 minute summer	FC40	42.000	J36	0.8	1.175	0.040	0.0036
15 minute summer	FC41	43.000	J37	0.8	0.773	0.076	0.0093
15 minute summer	FC42	44.000	J38	1.4	0.672	0.160	0.0273
15 minute summer	FC43	45.000	J39	0.8	0.783	0.073	0.0191
15 minute summer	FC44	46.000	J40	3.2	1.148	0.288	0.0176
15 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
15 minute summer	FC46	48.000	S20	0.8	0.506	0.136	0.0166
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0106
15 minute summer	FC48	50.000	J42	0.8	0.726	0.058	0.0131
15 minute summer	FC49	51.000	S21	0.8	0.513	0.135	0.0068

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC50	15	185.450	0.650	4.0	1.2434	0.0000	SURCHARGED
15 minute summer	FC51	15	185.497	0.647	4.0	1.2441	0.0000	SURCHARGED
15 minute summer	FC52	16	185.906	0.656	4.9	1.5548	0.0000	SURCHARGED
15 minute summer	FC53	15	185.899	0.649	4.0	1.2426	0.0000	SURCHARGED
15 minute summer	FC54	15	185.883	0.633	3.2	0.9357	0.0000	SURCHARGED
15 minute summer	FC55	15	185.882	0.632	3.2	0.9349	0.0000	SURCHARGED
15 minute summer	FC56	15	185.998	0.648	4.0	1.2410	0.0000	SURCHARGED
15 minute summer	FC57	15	185.999	0.649	4.0	1.2416	0.0000	SURCHARGED
15 minute summer	FC58	15	185.982	0.632	3.2	0.9350	0.0000	SURCHARGED
15 minute summer	FC59	15	185.983	0.633	3.2	0.9350	0.0000	SURCHARGED
15 minute summer	FC60	15	186.000	0.649	4.0	1.2406	0.0000	SURCHARGED
15 minute summer	FC61	15	185.950	0.650	4.0	1.2416	0.0000	SURCHARGED
15 minute summer	FC62	17	185.920	0.670	6.1	2.0369	0.0000	SURCHARGED
15 minute summer	FC63	15	186.033	0.633	3.2	0.9380	0.0000	SURCHARGED
15 minute summer	FC64	15	185.789	0.789	4.0	1.2252	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC50	52.000	J43	0.8	0.514	0.135	0.0073
15 minute summer	FC51	55.000	S22	0.8	0.516	0.135	0.0095
15 minute summer	FC52	58.000	S23	0.8	0.754	0.080	0.0058
15 minute summer	FC53	61.000	J50	0.8	0.707	0.086	0.0048
15 minute summer	FC54	62.000	J51	0.8	0.781	0.073	0.0040
15 minute summer	FC55	64.000	J53	0.8	0.987	0.053	0.0033
15 minute summer	FC56	53.000	J44	0.8	1.025	0.052	0.0052
15 minute summer	FC57	54.000	J45	0.8	0.961	0.057	0.0054
15 minute summer	FC58	56.000	J46	0.8	0.919	0.059	0.0053
15 minute summer	FC59	57.000	J47	0.8	0.852	0.066	0.0060
15 minute summer	FC60	59.000	J48	0.8	0.846	0.068	0.0063
15 minute summer	FC61	60.000	J49	0.8	0.679	0.093	0.0087
15 minute summer	FC62	63.000	J52	0.8	0.628	0.106	0.0122
15 minute summer	FC63	65.000	S26	0.8	0.557	0.134	0.0048
15 minute summer	FC64	66.000	J54	1.0	0.373	0.162	0.0079

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC65	15	185.801	0.651	4.0	1.2394	0.0000	SURCHARGED
15 minute summer	FC66	15	185.651	0.651	4.0	1.2434	0.0000	SURCHARGED
15 minute summer	FC67	17	184.917	0.117	3.2	1.2091	0.0000	SURCHARGED
15 minute summer	FC68	15	185.183	0.633	3.2	0.9364	0.0000	SURCHARGED
15 minute summer	J1	12	188.380	0.180	8.8	0.2430	0.0000	SURCHARGED
15 minute summer	J2	12	188.250	0.144	9.0	0.1631	0.0000	SURCHARGED
15 minute summer	J3	12	188.139	0.093	9.8	0.1052	0.0000	OK
15 minute summer	J4	12	188.102	0.067	10.5	0.0756	0.0000	OK
15 minute summer	J5	12	187.968	0.058	11.3	0.0652	0.0000	OK
15 minute summer	J6	13	187.747	0.097	12.0	0.1096	0.0000	OK
15 minute summer	J7	13	187.708	0.108	12.9	0.1221	0.0000	OK
15 minute summer	J8	13	187.670	0.077	13.7	0.0875	0.0000	OK
15 minute summer	J9	13	187.376	0.101	14.5	0.1141	0.0000	OK
15 minute summer	J10	13	187.331	0.061	14.9	0.0693	0.0000	OK
15 minute summer	J11	13	187.211	0.090	16.0	0.1016	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC65	67.000	J55	0.8	0.764	0.043	0.0063
15 minute summer	FC66	68.000	S24	0.8	0.576	0.111	0.0030
15 minute summer	FC67	69.000	J56	0.3	0.389	0.054	0.0017
15 minute summer	FC68	70.000	J57	0.8	0.674	0.088	0.0027
15 minute summer	J1	1.001	J2	8.3	1.056	0.996	0.0393
15 minute summer	J2	1.002	J3	9.0	1.147	1.516	0.0080
15 minute summer	J3	1.003	J4	9.8	1.022	0.734	0.0186
15 minute summer	J4	1.004	J5	10.5	1.519	0.313	0.0244
15 minute summer	J5	1.005	J6	11.3	1.244	0.294	0.0517
15 minute summer	J6	1.006	J7	12.1	0.943	0.424	0.0252
15 minute summer	J7	1.007	J8	12.9	1.127	0.924	0.0128
15 minute summer	J8	1.008	J9	13.7	1.579	0.452	0.0733
15 minute summer	J9	1.009	J10	14.1	1.095	0.422	0.0156
15 minute summer	J10	1.010	J11	15.2	1.331	0.118	0.0288
15 minute summer	J11	1.011	S2	16.0	0.788	0.248	0.1135

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J12	12	186.918	0.109	23.6	0.1230	0.0000	OK
15 minute summer	J13	12	186.888	0.186	23.9	0.2100	0.0000	OK
15 minute summer	J14	12	186.868	0.173	24.6	0.1954	0.0000	OK
15 minute summer	J15	12	186.841	0.153	25.3	0.1726	0.0000	OK
15 minute summer	J16	12	186.793	0.123	26.0	0.1394	0.0000	OK
15 minute summer	J17	12	186.452	0.094	26.6	0.1059	0.0000	OK
15 minute summer	J18	12	186.303	0.109	32.2	0.1234	0.0000	OK
15 minute summer	J19	12	186.193	0.166	33.0	0.1881	0.0000	OK
15 minute summer	J20	18	185.962	0.031	1.1	0.0353	0.0000	OK
15 minute summer	J21	17	185.935	0.040	1.9	0.0447	0.0000	OK
15 minute summer	J22	18	185.871	0.053	2.7	0.0600	0.0000	OK
15 minute summer	J23	18	185.837	0.054	3.1	0.0610	0.0000	OK
15 minute summer	J24	11	185.777	0.127	11.0	0.1439	0.0000	OK
15 minute summer	J25	12	185.746	0.131	11.7	0.1480	0.0000	OK
15 minute summer	J26	12	185.712	0.125	12.3	0.1411	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J12	1.013	J13	23.6	0.866	0.353	0.1749
15 minute summer	J13	1.014	J14	23.8	0.702	0.758	0.0642
15 minute summer	J14	1.015	J15	24.5	0.797	0.785	0.0588
15 minute summer	J15	1.016	J16	25.2	0.987	0.823	0.1305
15 minute summer	J16	1.017	J17	25.9	1.302	0.429	0.0668
15 minute summer	J17	1.018	S3	26.7	1.203	0.183	0.0429
15 minute summer	J18	1.020	J19	32.2	1.946	0.248	0.0254
15 minute summer	J19	1.021	S4	32.9	0.912	0.596	0.1584
15 minute summer	J20	23.002	J21	1.1	0.454	0.191	0.0094
15 minute summer	J21	23.003	J22	1.9	0.543	0.325	0.0284
15 minute summer	J22	23.004	J23	2.7	0.661	0.457	0.0153
15 minute summer	J23	23.005	S18	3.1	0.736	0.517	0.0388
15 minute summer	J24	23.007	J25	10.9	0.682	0.817	0.0993
15 minute summer	J25	23.008	J26	11.5	0.725	0.867	0.0794
15 minute summer	J26	23.009	S19	12.4	0.862	0.930	0.0530

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J27	11	185.604	0.143	20.9	0.1615	0.0000	OK
15 minute summer	J28	13	186.625	0.269	8.4	0.3044	0.0000	SURCHARGED
15 minute summer	J29	13	186.444	0.173	8.6	0.1956	0.0000	SURCHARGED
15 minute summer	J30	14	186.263	0.116	10.1	0.1316	0.0000	OK
15 minute summer	J31	14	186.232	0.113	10.8	0.1283	0.0000	OK
15 minute summer	J32	14	186.170	0.106	11.7	0.1203	0.0000	OK
15 minute summer	J33	12	185.693	0.083	17.1	0.0937	0.0000	OK
15 minute summer	J34	11	185.260	0.135	25.6	0.1532	0.0000	OK
15 minute summer	J35	12	185.169	0.094	26.2	0.1063	0.0000	OK
15 minute summer	J36	12	185.016	0.141	27.1	0.1591	0.0000	OK
15 minute summer	J37	12	184.738	0.163	33.1	0.1841	0.0000	OK
15 minute summer	J38	12	184.642	0.267	36.4	0.3018	0.0000	SURCHARGED
15 minute summer	J39	12	184.567	0.229	37.2	0.2586	0.0000	SURCHARGED
15 minute summer	J40	12	184.519	0.194	39.8	0.2197	0.0000	OK
15 minute summer	J41	11	184.648	0.051	2.7	0.0576	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J27	23.011	S4	20.8	0.866	0.697	0.0574
15 minute summer	J28	32.001	J29	7.8	0.999	1.319	0.0691
15 minute summer	J29	32.002	S12	8.5	1.091	1.437	0.0356
15 minute summer	J30	32.004	J31	10.0	0.696	0.757	0.0720
15 minute summer	J31	32.005	J32	10.9	0.785	0.817	0.1347
15 minute summer	J32	32.006	S13	11.7	1.076	0.878	0.0594
15 minute summer	J33	32.008	S14	17.2	1.155	0.483	0.1252
15 minute summer	J34	32.010	J35	25.5	1.255	0.660	0.1830
15 minute summer	J35	32.011	J36	26.3	1.258	0.296	0.1436
15 minute summer	J36	32.012	S15	27.2	1.305	0.907	0.0506
15 minute summer	J37	32.014	S16	33.1	1.368	1.088	0.1298
15 minute summer	J38	32.016	J39	36.4	0.915	1.205	0.4302
15 minute summer	J39	32.017	J40	37.2	0.959	1.207	0.1393
15 minute summer	J40	32.018	S10	39.8	1.163	0.923	0.3259
15 minute summer	J41	48.002	J42	2.7	0.653	0.459	0.0262

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J42	11	184.592	0.055	3.5	0.0622	0.0000	OK
15 minute summer	J43	12	184.458	0.098	6.4	0.1113	0.0000	OK
15 minute summer	J44	12	184.448	0.098	7.1	0.1108	0.0000	OK
15 minute summer	J45	12	184.434	0.134	7.9	0.1512	0.0000	OK
15 minute summer	J46	12	184.405	0.133	11.7	0.1503	0.0000	OK
15 minute summer	J47	13	184.373	0.125	12.4	0.1412	0.0000	OK
15 minute summer	J48	13	184.303	0.149	15.4	0.1689	0.0000	OK
15 minute summer	J49	13	184.290	0.161	15.9	0.1821	0.0000	OK
15 minute summer	J50	13	184.280	0.155	16.7	0.1755	0.0000	OK
15 minute summer	J51	13	184.265	0.157	17.5	0.1776	0.0000	OK
15 minute summer	J52	13	184.251	0.147	18.3	0.1660	0.0000	OK
15 minute summer	J53	13	184.225	0.138	19.1	0.1563	0.0000	OK
15 minute summer	J54	12	185.036	0.057	3.0	0.0647	0.0000	OK
15 minute summer	J55	12	185.006	0.062	3.8	0.0698	0.0000	OK
15 minute summer	J56	12	184.158	0.191	32.6	0.2156	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J42	48.003	S21	3.5	0.579	0.588	0.0479
15 minute summer	J43	48.005	J44	6.3	0.585	0.455	0.0196
15 minute summer	J44	48.006	J45	7.1	0.504	0.529	0.1262
15 minute summer	J45	48.007	S22	8.0	0.486	0.592	0.0400
15 minute summer	J46	48.009	J47	11.6	0.722	0.871	0.0678
15 minute summer	J47	48.010	S23	12.3	0.860	0.926	0.0377
15 minute summer	J48	48.012	J49	15.1	0.540	0.506	0.2173
15 minute summer	J49	48.013	J50	15.9	0.540	0.518	0.0338
15 minute summer	J50	48.014	J51	16.7	0.568	0.558	0.1491
15 minute summer	J51	48.015	J52	17.5	0.614	0.570	0.0324
15 minute summer	J52	48.016	J53	18.3	0.701	0.600	0.1292
15 minute summer	J53	48.017	S24	19.2	0.847	0.636	0.2452
15 minute summer	J54	65.002	J55	3.0	0.617	0.505	0.0176
15 minute summer	J55	65.003	S24	3.8	0.770	0.638	0.0384
15 minute summer	J56	48.019	J57	32.5	0.704	0.599	0.4193

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Results for 30 year +35% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J57	12	184.128	0.183	33.3	0.2073	0.0000	OK
15 minute summer	BASIN 1	79	185.500	0.499	55.5	59.9104	0.0000	SURCHARGED
15 minute summer	BASIN 2	255	184.417	0.117	1.1	10.3746	0.0000	OK
15 minute summer	BASIN 3	98	183.156	0.056	46.9	39.1676	0.0000	OK
15 minute summer	BASIN 4	102	183.653	0.322	32.9	42.7922	0.0000	SURCHARGED
15 minute summer	SWALE 1	81	184.960	0.028	1.0	0.0319	0.0000	OK
15 minute summer	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWALE 3	12	184.258	0.188	47.4	0.2127	0.0000	OK
15 minute summer	BH1	255	184.417	0.340	0.9	1.7875	0.0000	OK
15 minute summer	BH2	76	183.157	0.105	2.8	2.1281	0.0000	OK
15 minute summer	BH3	100	183.653	0.347	12.8	3.2230	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J57	48.020	S25	33.1	0.778	0.613	0.3367
15 minute summer	BASIN 1	1.023	S5	3.8	0.334	0.071	0.6013
15 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
15 minute summer	BASIN 2	71.000	BH1	0.9	0.522	0.148	0.1829
15 minute summer	BASIN 3	1.034	BH2	2.8	0.504	0.034	0.4802
15 minute summer	BASIN 4	48.022	BH3	12.8	1.087	0.240	0.7181
15 minute summer	SWALE 1	1.025	S6	1.0	0.294	0.019	0.1271
15 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
15 minute summer	SWALE 3	1.033	BASIN 3	46.9	1.083	0.676	1.8789
15 minute summer	BH1	Infiltration		0.1			
15 minute summer	BH2	Infiltration		0.2			
15 minute summer	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S1	11	188.431	0.061	4.7	0.0818	0.0000	OK
15 minute winter	S2	12	187.193	0.154	23.7	0.2266	0.0000	OK
15 minute winter	S3	12	186.375	0.163	32.8	0.2117	0.0000	OK
15 minute winter	S4	84	185.551	0.173	57.5	0.2058	0.0000	OK
15 minute winter	S5	84	185.551	0.571	4.0	0.6460	0.0000	SURCHARGED
15 minute winter	S6	87	184.873	0.029	1.0	0.0333	0.0000	OK
15 minute winter	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S9	12	184.335	0.135	1.5	0.1522	0.0000	OK
15 minute winter	S10	12	184.335	0.151	49.6	0.2297	0.0000	OK
15 minute winter	S11	12	186.767	0.367	10.6	0.5979	0.0000	SURCHARGED
15 minute winter	S12	14	186.293	0.117	9.7	0.1318	0.0000	OK
15 minute winter	S13	11	186.115	0.081	17.0	0.1158	0.0000	OK
15 minute winter	S14	11	185.522	0.272	26.7	0.4270	0.0000	SURCHARGED
15 minute winter	S15	11	184.969	0.102	33.9	0.1426	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S1	1.000	J1	4.5	0.691	0.512	0.0525
15 minute winter	S2	1.012	J12	23.8	0.906	0.796	0.0391
15 minute winter	S3	1.019	J18	32.8	1.291	1.073	0.1297
15 minute winter	S4	1.022	BASIN 1	57.9	2.589	0.346	0.9412
15 minute winter	S5	1.024	SWALE 1	1.0	0.319	0.019	0.0704
15 minute winter	S6	1.026	BASIN 2	1.0	0.346	0.019	0.0174
15 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
15 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.1838
15 minute winter	S9	1.031	S10	-1.5	-0.201	-0.028	0.2205
15 minute winter	S10	1.032	SWALE 3	49.5	1.240	0.274	0.1820
15 minute winter	S11	32.000	J28	8.7	1.118	1.471	0.0355
15 minute winter	S12	32.003	J30	9.6	0.649	0.719	0.0757
15 minute winter	S13	32.007	J33	17.0	1.736	0.526	0.1323
15 minute winter	S14	32.009	J34	26.5	1.503	1.527	0.0910
15 minute winter	S15	32.013	J37	33.9	1.361	0.367	0.2310

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S16	12	184.680	0.123	37.4	0.1552	0.0000	OK
15 minute winter	S17	18	186.017	0.017	0.4	0.0190	0.0000	OK
15 minute winter	S18	11	185.802	0.141	11.0	0.1991	0.0000	OK
15 minute winter	S19	11	185.646	0.155	21.1	0.2129	0.0000	OK
15 minute winter	S20	10	184.695	0.053	2.9	0.0643	0.0000	OK
15 minute winter	S21	11	184.552	0.093	6.0	0.1106	0.0000	OK
15 minute winter	S22	12	184.431	0.145	11.4	0.1770	0.0000	OK
15 minute winter	S23	13	184.317	0.159	15.3	0.1881	0.0000	OK
15 minute winter	S24	12	184.184	0.207	34.1	0.3012	0.0000	OK
15 minute winter	S25	12	184.097	0.171	34.9	0.1939	0.0000	OK
15 minute winter	S26	11	185.414	0.037	2.3	0.0444	0.0000	OK
15 minute winter	FC1	16	188.916	0.666	4.3	1.4329	0.0000	SURCHARGED
15 minute winter	FC2	16	188.814	0.664	4.3	1.4334	0.0000	SURCHARGED
15 minute winter	FC3	17	188.883	0.683	6.8	2.5139	0.0000	SURCHARGED
15 minute winter	FC4	15	188.843	0.643	3.4	1.0750	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S16	32.015	J38	37.1	1.092	0.253	0.0715
15 minute winter	S17	23.001	J20	0.4	0.351	0.061	0.0107
15 minute winter	S18	23.006	J24	10.8	0.655	0.786	0.0310
15 minute winter	S19	23.010	J27	21.0	0.743	0.702	0.2520
15 minute winter	S20	48.001	J41	2.8	0.687	0.476	0.0192
15 minute winter	S21	48.004	J43	5.8	0.818	0.987	0.0362
15 minute winter	S22	48.008	J46	11.4	0.661	0.847	0.0418
15 minute winter	S23	48.011	J48	15.2	0.543	0.493	0.0332
15 minute winter	S24	48.018	J56	34.1	0.679	0.637	0.2146
15 minute winter	S25	48.021	BASIN 4	34.8	0.930	0.631	0.1195
15 minute winter	S26	65.001	J54	2.3	0.920	0.267	0.0216
15 minute winter	FC1	2.000	J1	1.7	0.577	0.278	0.0372
15 minute winter	FC2	3.000	J2	1.6	0.360	0.269	0.0355
15 minute winter	FC3	4.000	J3	0.8	0.552	0.129	0.0229
15 minute winter	FC4	5.000	J4	0.8	0.617	0.105	0.0095

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC5	16	188.659	0.659	4.3	1.4115	0.0000	SURCHARGED
15 minute winter	FC6	15	188.496	0.646	3.4	1.0744	0.0000	SURCHARGED
15 minute winter	FC7	15	188.396	0.646	3.4	1.0746	0.0000	SURCHARGED
15 minute winter	FC8	16	188.411	0.661	4.3	1.4080	0.0000	SURCHARGED
15 minute winter	FC9	15	188.116	0.646	3.4	1.0756	0.0000	SURCHARGED
15 minute winter	FC10	17	188.149	0.679	6.0	2.1393	0.0000	SURCHARGED
15 minute winter	FC11	16	187.973	0.653	3.8	1.2416	0.0000	SURCHARGED
15 minute winter	FC12	16	187.884	0.654	3.8	1.2414	0.0000	SURCHARGED
15 minute winter	FC13	16	187.665	0.665	4.3	1.4103	0.0000	SURCHARGED
15 minute winter	FC14	18	187.036	0.136	4.3	1.7336	0.0000	SURCHARGED
15 minute winter	FC15	15	187.847	0.647	3.4	1.0719	0.0000	SURCHARGED
15 minute winter	FC16	15	187.547	0.647	3.4	1.0747	0.0000	SURCHARGED
15 minute winter	FC17	15	187.647	0.647	3.4	1.0724	0.0000	SURCHARGED
15 minute winter	FC18	15	187.198	0.648	3.4	1.0756	0.0000	SURCHARGED
15 minute winter	FC19	16	187.065	0.665	4.3	1.4102	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC5	6.000	J5	0.8	0.514	0.136	0.0065
15 minute winter	FC6	7.000	J6	0.8	0.679	0.092	0.0183
15 minute winter	FC7	8.000	J7	0.8	0.588	0.112	0.0227
15 minute winter	FC8	9.000	J8	0.8	0.731	0.083	0.0061
15 minute winter	FC9	10.000	J9	0.8	0.519	0.134	0.0111
15 minute winter	FC10	11.000	J10	0.8	0.564	0.123	0.0091
15 minute winter	FC11	12.000	J11	0.8	0.518	0.136	0.0120
15 minute winter	FC12	13.000	S2	0.8	0.518	0.136	0.0118
15 minute winter	FC13	14.000	J12	0.8	0.520	0.136	0.0106
15 minute winter	FC14	15.000	J13	0.3	0.409	0.059	0.0236
15 minute winter	FC15	16.000	J14	0.8	1.104	0.046	0.0115
15 minute winter	FC16	17.000	J15	0.8	0.552	0.123	0.0136
15 minute winter	FC17	18.000	J16	0.8	0.877	0.064	0.0044
15 minute winter	FC18	19.000	J17	0.8	0.517	0.135	0.0108
15 minute winter	FC19	20.000	S3	0.8	0.518	0.137	0.0139

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC20	16	187.610	0.660	4.3	1.4071	0.0000	SURCHARGED
15 minute winter	FC21	16	186.961	0.661	4.3	1.4109	0.0000	SURCHARGED
15 minute winter	FC22	17	186.589	0.139	3.4	1.3537	0.0000	SURCHARGED
15 minute winter	FC23	15	186.947	0.647	3.4	1.0754	0.0000	SURCHARGED
15 minute winter	FC24	16	186.962	0.662	4.3	1.4105	0.0000	SURCHARGED
15 minute winter	FC25	16	187.211	0.661	4.3	1.4070	0.0000	SURCHARGED
15 minute winter	FC26	17	186.584	0.134	3.4	1.3580	0.0000	SURCHARGED
15 minute winter	FC27	15	187.145	0.645	3.4	1.0722	0.0000	SURCHARGED
15 minute winter	FC28	16	187.160	0.660	4.3	1.4072	0.0000	SURCHARGED
15 minute winter	FC29	16	187.168	0.668	4.7	1.6106	0.0000	SURCHARGED
15 minute winter	FC30	16	187.410	0.660	4.3	1.4074	0.0000	SURCHARGED
15 minute winter	FC31	16	187.099	0.649	3.4	1.1107	0.0000	SURCHARGED
15 minute winter	FC32	15	187.097	0.646	3.4	1.0725	0.0000	SURCHARGED
15 minute winter	FC33	16	187.113	0.663	4.3	1.4068	0.0000	SURCHARGED
15 minute winter	FC34	16	187.113	0.663	4.3	1.4105	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC20	21.000	J18	0.8	1.047	0.051	0.0034
15 minute winter	FC21	22.000	J19	0.8	0.519	0.137	0.0119
15 minute winter	FC22	23.000	S17	0.4	0.783	0.019	0.0030
15 minute winter	FC23	24.000	J20	0.8	0.537	0.126	0.0068
15 minute winter	FC24	25.000	J21	0.8	0.606	0.109	0.0062
15 minute winter	FC25	26.000	J22	0.8	1.039	0.051	0.0037
15 minute winter	FC26	27.000	J23	0.4	0.720	0.027	0.0023
15 minute winter	FC27	28.000	J24	0.8	1.141	0.044	0.0032
15 minute winter	FC28	29.000	J25	0.8	1.044	0.051	0.0034
15 minute winter	FC29	30.000	J26	0.8	1.018	0.053	0.0038
15 minute winter	FC30	31.000	J27	0.8	0.974	0.056	0.0037
15 minute winter	FC31	33.000	J28	1.9	0.595	0.206	0.0333
15 minute winter	FC32	34.000	J29	0.8	0.451	0.063	0.0181
15 minute winter	FC33	35.000	S12	0.8	0.955	0.057	0.0131
15 minute winter	FC34	36.000	J30	0.8	0.532	0.131	0.0072

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC35	16	187.110	0.660	4.3	1.4073	0.0000	SURCHARGED
15 minute winter	FC36	16	187.115	0.665	4.7	1.6108	0.0000	SURCHARGED
15 minute winter	FC37	16	186.478	0.678	5.5	1.9624	0.0000	SURCHARGED
15 minute winter	FC38	17	185.564	0.114	3.4	1.3759	0.0000	SURCHARGED
15 minute winter	FC39	15	186.092	0.642	3.4	1.0730	0.0000	SURCHARGED
15 minute winter	FC40	16	186.116	0.616	4.3	1.4190	0.0000	SURCHARGED
15 minute winter	FC41	16	185.507	0.657	4.3	1.4103	0.0000	SURCHARGED
15 minute winter	FC42	16	185.258	0.658	4.3	1.4127	0.0000	SURCHARGED
15 minute winter	FC43	16	185.230	0.630	4.3	1.4201	0.0000	SURCHARGED
15 minute winter	FC44	10	184.640	0.039	3.4	0.0509	0.0000	OK
15 minute winter	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
15 minute winter	FC46	17	185.379	0.679	6.0	2.1378	0.0000	SURCHARGED
15 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute winter	FC48	16	185.461	0.661	4.3	1.4072	0.0000	SURCHARGED
15 minute winter	FC49	16	185.462	0.662	4.3	1.4110	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC35	37.000	J31	0.8	0.961	0.057	0.0163
15 minute winter	FC36	38.000	J32	0.8	1.034	0.052	0.0139
15 minute winter	FC37	39.000	J33	0.8	0.694	0.092	0.0124
15 minute winter	FC38	40.000	J34	0.3	0.674	0.026	0.0025
15 minute winter	FC39	41.000	J35	0.8	0.968	0.055	0.0037
15 minute winter	FC40	42.000	J36	0.8	1.178	0.041	0.0042
15 minute winter	FC41	43.000	J37	0.8	0.775	0.077	0.0112
15 minute winter	FC42	44.000	J38	1.3	0.673	0.146	0.0308
15 minute winter	FC43	45.000	J39	0.8	0.783	0.073	0.0191
15 minute winter	FC44	46.000	J40	3.4	1.160	0.306	0.0194
15 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
15 minute winter	FC46	48.000	S20	0.8	0.507	0.138	0.0170
15 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0109
15 minute winter	FC48	50.000	J42	0.8	0.745	0.058	0.0134
15 minute winter	FC49	51.000	S21	0.8	0.514	0.136	0.0068

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC50	16	185.462	0.662	4.3	1.4109	0.0000	SURCHARGED
15 minute winter	FC51	16	185.507	0.657	4.3	1.4115	0.0000	SURCHARGED
15 minute winter	FC52	16	185.918	0.668	5.1	1.7782	0.0000	SURCHARGED
15 minute winter	FC53	16	185.911	0.661	4.3	1.4084	0.0000	SURCHARGED
15 minute winter	FC54	15	185.896	0.646	3.4	1.0732	0.0000	SURCHARGED
15 minute winter	FC55	15	185.894	0.644	3.4	1.0727	0.0000	SURCHARGED
15 minute winter	FC56	16	186.010	0.660	4.3	1.4072	0.0000	SURCHARGED
15 minute winter	FC57	16	186.011	0.661	4.3	1.4073	0.0000	SURCHARGED
15 minute winter	FC58	15	185.995	0.645	3.4	1.0728	0.0000	SURCHARGED
15 minute winter	FC59	15	185.997	0.647	3.4	1.0725	0.0000	SURCHARGED
15 minute winter	FC60	16	186.012	0.662	4.3	1.4084	0.0000	SURCHARGED
15 minute winter	FC61	16	185.962	0.662	4.3	1.4084	0.0000	SURCHARGED
15 minute winter	FC62	17	185.933	0.683	6.4	2.3283	0.0000	SURCHARGED
15 minute winter	FC63	15	186.046	0.646	3.4	1.0762	0.0000	SURCHARGED
15 minute winter	FC64	16	185.804	0.804	4.3	1.3859	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC50	52.000	J43	0.8	0.515	0.136	0.0073
15 minute winter	FC51	55.000	S22	0.8	0.517	0.136	0.0095
15 minute winter	FC52	58.000	S23	0.8	0.756	0.081	0.0059
15 minute winter	FC53	61.000	J50	0.8	0.708	0.087	0.0049
15 minute winter	FC54	62.000	J51	0.8	0.783	0.074	0.0041
15 minute winter	FC55	64.000	J53	0.8	0.990	0.054	0.0034
15 minute winter	FC56	53.000	J44	0.8	1.027	0.052	0.0052
15 minute winter	FC57	54.000	J45	0.8	0.963	0.057	0.0055
15 minute winter	FC58	56.000	J46	0.8	0.922	0.060	0.0054
15 minute winter	FC59	57.000	J47	0.8	0.855	0.067	0.0060
15 minute winter	FC60	59.000	J48	0.8	0.849	0.068	0.0063
15 minute winter	FC61	60.000	J49	0.8	0.680	0.094	0.0088
15 minute winter	FC62	63.000	J52	0.8	0.629	0.107	0.0123
15 minute winter	FC63	65.000	S26	0.8	0.564	0.135	0.0050
15 minute winter	FC64	66.000	J54	0.9	0.374	0.159	0.0083

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC65	16	185.814	0.664	4.3	1.4073	0.0000	SURCHARGED
15 minute winter	FC66	16	185.664	0.664	4.3	1.4121	0.0000	SURCHARGED
15 minute winter	FC67	17	184.932	0.132	3.4	1.3638	0.0000	SURCHARGED
15 minute winter	FC68	15	185.196	0.646	3.4	1.0742	0.0000	SURCHARGED
15 minute winter	J1	12	188.397	0.197	9.2	0.2659	0.0000	SURCHARGED
15 minute winter	J2	12	188.255	0.149	9.4	0.1690	0.0000	SURCHARGED
15 minute winter	J3	12	188.141	0.095	10.2	0.1077	0.0000	OK
15 minute winter	J4	12	188.103	0.068	10.9	0.0774	0.0000	OK
15 minute winter	J5	12	187.969	0.059	11.7	0.0667	0.0000	OK
15 minute winter	J6	13	187.749	0.099	12.5	0.1122	0.0000	OK
15 minute winter	J7	13	187.710	0.110	13.3	0.1246	0.0000	OK
15 minute winter	J8	13	187.672	0.079	14.1	0.0891	0.0000	OK
15 minute winter	J9	13	187.378	0.103	14.9	0.1160	0.0000	OK
15 minute winter	J10	13	187.332	0.062	16.0	0.0705	0.0000	OK
15 minute winter	J11	13	187.213	0.091	16.5	0.1035	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC65	67.000	J55	0.8	0.826	0.044	0.0065
15 minute winter	FC66	68.000	S24	0.8	0.577	0.112	0.0030
15 minute winter	FC67	69.000	J56	0.3	0.397	0.058	0.0018
15 minute winter	FC68	70.000	J57	0.8	0.676	0.089	0.0027
15 minute winter	J1	1.001	J2	8.6	1.102	1.040	0.0393
15 minute winter	J2	1.002	J3	9.3	1.195	1.579	0.0080
15 minute winter	J3	1.003	J4	10.1	1.032	0.763	0.0191
15 minute winter	J4	1.004	J5	10.9	1.530	0.325	0.0252
15 minute winter	J5	1.005	J6	11.7	1.248	0.305	0.0533
15 minute winter	J6	1.006	J7	12.5	0.952	0.439	0.0258
15 minute winter	J7	1.007	J8	13.3	1.137	0.953	0.0131
15 minute winter	J8	1.008	J9	14.1	1.590	0.466	0.0750
15 minute winter	J9	1.009	J10	15.2	1.155	0.456	0.0159
15 minute winter	J10	1.010	J11	15.7	1.342	0.121	0.0295
15 minute winter	J11	1.011	S2	16.4	0.789	0.255	0.1170

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J12	12	186.921	0.112	24.6	0.1272	0.0000	OK
15 minute winter	J13	12	186.893	0.191	24.9	0.2164	0.0000	OK
15 minute winter	J14	12	186.873	0.178	25.6	0.2011	0.0000	OK
15 minute winter	J15	12	186.845	0.157	26.3	0.1777	0.0000	OK
15 minute winter	J16	12	186.797	0.127	27.1	0.1431	0.0000	OK
15 minute winter	J17	12	186.455	0.097	27.8	0.1098	0.0000	OK
15 minute winter	J18	12	186.306	0.112	33.6	0.1271	0.0000	OK
15 minute winter	J19	12	186.198	0.170	34.4	0.1928	0.0000	OK
15 minute winter	J20	18	185.963	0.032	1.2	0.0359	0.0000	OK
15 minute winter	J21	18	185.935	0.040	2.0	0.0453	0.0000	OK
15 minute winter	J22	18	185.872	0.054	2.8	0.0607	0.0000	OK
15 minute winter	J23	18	185.838	0.055	3.1	0.0618	0.0000	OK
15 minute winter	J24	11	185.785	0.135	11.5	0.1522	0.0000	OK
15 minute winter	J25	12	185.751	0.136	12.2	0.1541	0.0000	OK
15 minute winter	J26	12	185.716	0.129	12.8	0.1456	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J12	1.013	J13	24.6	0.869	0.367	0.1806
15 minute winter	J13	1.014	J14	24.8	0.712	0.791	0.0660
15 minute winter	J14	1.015	J15	25.6	0.806	0.818	0.0606
15 minute winter	J15	1.016	J16	26.3	0.997	0.858	0.1348
15 minute winter	J16	1.017	J17	27.0	1.314	0.448	0.0690
15 minute winter	J17	1.018	S3	27.8	1.203	0.191	0.0445
15 minute winter	J18	1.020	J19	33.6	1.960	0.259	0.0267
15 minute winter	J19	1.021	S4	34.3	0.925	0.623	0.1633
15 minute winter	J20	23.002	J21	1.2	0.458	0.196	0.0095
15 minute winter	J21	23.003	J22	2.0	0.545	0.332	0.0289
15 minute winter	J22	23.004	J23	2.8	0.663	0.465	0.0156
15 minute winter	J23	23.005	S18	3.1	0.740	0.529	0.0411
15 minute winter	J24	23.007	J25	11.4	0.687	0.857	0.1033
15 minute winter	J25	23.008	J26	12.0	0.735	0.907	0.0817
15 minute winter	J26	23.009	S19	12.9	0.874	0.968	0.0543

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J27	11	185.608	0.146	21.8	0.1656	0.0000	OK
15 minute winter	J28	13	186.655	0.299	8.7	0.3382	0.0000	SURCHARGED
15 minute winter	J29	13	186.456	0.185	8.9	0.2092	0.0000	SURCHARGED
15 minute winter	J30	14	186.267	0.120	10.4	0.1359	0.0000	OK
15 minute winter	J31	14	186.236	0.117	11.2	0.1319	0.0000	OK
15 minute winter	J32	14	186.173	0.109	12.0	0.1231	0.0000	OK
15 minute winter	J33	12	185.697	0.087	17.8	0.0986	0.0000	OK
15 minute winter	J34	11	185.264	0.139	26.7	0.1574	0.0000	OK
15 minute winter	J35	11	185.172	0.097	27.4	0.1093	0.0000	OK
15 minute winter	J36	11	185.019	0.144	28.1	0.1628	0.0000	OK
15 minute winter	J37	12	184.745	0.170	34.6	0.1927	0.0000	OK
15 minute winter	J38	12	184.657	0.282	37.9	0.3188	0.0000	SURCHARGED
15 minute winter	J39	12	184.575	0.237	38.7	0.2677	0.0000	SURCHARGED
15 minute winter	J40	12	184.527	0.202	41.4	0.2285	0.0000	OK
15 minute winter	J41	11	184.649	0.052	2.8	0.0591	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J27	23.011	S4	21.8	0.879	0.729	0.0591
15 minute winter	J28	32.001	J29	8.1	1.037	1.370	0.0691
15 minute winter	J29	32.002	S12	8.9	1.131	1.491	0.0358
15 minute winter	J30	32.004	J31	10.4	0.700	0.785	0.0742
15 minute winter	J31	32.005	J32	11.2	0.790	0.844	0.1382
15 minute winter	J32	32.006	S13	12.0	1.085	0.904	0.0607
15 minute winter	J33	32.008	S14	17.8	1.166	0.500	0.1281
15 minute winter	J34	32.010	J35	26.6	1.266	0.691	0.1897
15 minute winter	J35	32.011	J36	27.3	1.267	0.307	0.1481
15 minute winter	J36	32.012	S15	28.2	1.285	0.941	0.0525
15 minute winter	J37	32.014	S16	34.3	1.391	1.129	0.1410
15 minute winter	J38	32.016	J39	37.9	0.953	1.255	0.4302
15 minute winter	J39	32.017	J40	38.7	0.980	1.255	0.1414
15 minute winter	J40	32.018	S10	41.4	1.178	0.961	0.3344
15 minute winter	J41	48.002	J42	2.8	0.658	0.478	0.0270

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J42	11	184.593	0.056	3.6	0.0637	0.0000	OK
15 minute winter	J43	12	184.464	0.104	6.6	0.1174	0.0000	OK
15 minute winter	J44	12	184.455	0.104	7.3	0.1181	0.0000	OK
15 minute winter	J45	12	184.440	0.140	8.1	0.1583	0.0000	OK
15 minute winter	J46	12	184.410	0.138	12.2	0.1561	0.0000	OK
15 minute winter	J47	12	184.377	0.129	12.9	0.1454	0.0000	OK
15 minute winter	J48	13	184.309	0.155	16.0	0.1749	0.0000	OK
15 minute winter	J49	13	184.295	0.166	16.6	0.1877	0.0000	OK
15 minute winter	J50	13	184.285	0.160	17.3	0.1811	0.0000	OK
15 minute winter	J51	13	184.270	0.162	18.1	0.1830	0.0000	OK
15 minute winter	J52	13	184.256	0.152	19.0	0.1714	0.0000	OK
15 minute winter	J53	13	184.231	0.143	19.8	0.1622	0.0000	OK
15 minute winter	J54	12	185.038	0.059	3.1	0.0664	0.0000	OK
15 minute winter	J55	12	185.007	0.063	3.9	0.0717	0.0000	OK
15 minute winter	J56	12	184.164	0.197	34.3	0.2232	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J42	48.003	S21	3.6	0.578	0.611	0.0497
15 minute winter	J43	48.005	J44	6.5	0.588	0.469	0.0210
15 minute winter	J44	48.006	J45	7.3	0.504	0.545	0.1325
15 minute winter	J45	48.007	S22	8.2	0.483	0.607	0.0411
15 minute winter	J46	48.009	J47	12.1	0.731	0.906	0.0696
15 minute winter	J47	48.010	S23	12.8	0.871	0.962	0.0386
15 minute winter	J48	48.012	J49	15.8	0.542	0.529	0.2253
15 minute winter	J49	48.013	J50	16.5	0.544	0.540	0.0350
15 minute winter	J50	48.014	J51	17.4	0.572	0.581	0.1542
15 minute winter	J51	48.015	J52	18.2	0.617	0.592	0.0335
15 minute winter	J52	48.016	J53	19.0	0.701	0.622	0.1344
15 minute winter	J53	48.017	S24	19.9	0.848	0.660	0.2595
15 minute winter	J54	65.002	J55	3.1	0.627	0.524	0.0182
15 minute winter	J55	65.003	S24	3.9	0.777	0.665	0.0396
15 minute winter	J56	48.019	J57	34.3	0.714	0.632	0.4363

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Results for 30 year +35% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J57	12	184.135	0.189	35.1	0.2143	0.0000	OK
15 minute winter	BASIN 1	84	185.551	0.551	58.4	66.8287	0.0000	SURCHARGED
15 minute winter	BASIN 2	255	184.424	0.124	1.3	11.0570	0.0000	OK
15 minute winter	BASIN 3	100	183.163	0.063	49.0	44.0387	0.0000	OK
15 minute winter	BASIN 4	108	183.690	0.360	34.8	48.1459	0.0000	SURCHARGED
15 minute winter	SWALE 1	86	184.961	0.029	1.0	0.0326	0.0000	OK
15 minute winter	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
15 minute winter	SWALE 3	12	184.264	0.194	49.5	0.2191	0.0000	OK
15 minute winter	BH1	255	184.424	0.347	0.9	1.8089	0.0000	OK
15 minute winter	BH2	83	183.164	0.112	3.1	2.1629	0.0000	OK
15 minute winter	BH3	108	183.690	0.384	12.8	3.3985	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J57	48.020	S25	34.9	0.790	0.647	0.3502
15 minute winter	BASIN 1	1.023	S5	4.0	0.357	0.075	0.6013
15 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
15 minute winter	BASIN 2	71.000	BH1	0.9	0.526	0.154	0.1829
15 minute winter	BASIN 3	1.034	BH2	3.1	0.530	0.037	0.5380
15 minute winter	BASIN 4	48.022	BH3	12.8	1.116	0.239	0.7181
15 minute winter	SWALE 1	1.025	S6	1.0	0.298	0.020	0.1316
15 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
15 minute winter	SWALE 3	1.033	BASIN 3	49.0	1.095	0.707	1.9400
15 minute winter	BH1	Infiltration		0.1			
15 minute winter	BH2	Infiltration		0.2			
15 minute winter	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S1	18	188.418	0.048	4.0	0.0643	0.0000	OK
30 minute summer	S2	19	187.188	0.149	22.5	0.2193	0.0000	OK
30 minute summer	S3	19	186.369	0.157	31.1	0.2043	0.0000	OK
30 minute summer	S4	97	185.640	0.262	54.6	0.3112	0.0000	OK
30 minute summer	S5	97	185.640	0.660	2.4	0.7464	0.0000	SURCHARGED
30 minute summer	S6	100	184.875	0.031	1.1	0.0345	0.0000	OK
30 minute summer	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S9	19	184.326	0.126	1.1	0.1429	0.0000	OK
30 minute summer	S10	19	184.326	0.142	46.4	0.2171	0.0000	OK
30 minute summer	S11	20	186.699	0.299	9.2	0.4875	0.0000	SURCHARGED
30 minute summer	S12	21	186.287	0.111	9.1	0.1257	0.0000	OK
30 minute summer	S13	19	186.113	0.079	16.1	0.1127	0.0000	OK
30 minute summer	S14	19	185.496	0.246	24.6	0.3858	0.0000	SURCHARGED
30 minute summer	S15	19	184.964	0.097	31.4	0.1350	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	S1	1.000	J1	4.0	0.668	0.458	0.0472
30 minute summer	S2	1.012	J12	22.5	0.889	0.752	0.0377
30 minute summer	S3	1.019	J18	31.0	1.275	1.014	0.1243
30 minute summer	S4	1.022	BASIN 1	54.6	2.019	0.326	1.1346
30 minute summer	S5	1.024	SWALE 1	1.1	0.306	0.021	0.0742
30 minute summer	S6	1.026	BASIN 2	1.1	0.350	0.021	0.0185
30 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
30 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.1692
30 minute summer	S9	1.031	S10	-1.1	-0.126	-0.020	0.2040
30 minute summer	S10	1.032	SWALE 3	46.2	1.209	0.256	0.1701
30 minute summer	S11	32.000	J28	7.9	1.006	1.324	0.0355
30 minute summer	S12	32.003	J30	9.1	0.643	0.683	0.0723
30 minute summer	S13	32.007	J33	16.1	1.736	0.500	0.1241
30 minute summer	S14	32.009	J34	24.6	1.396	1.417	0.0906
30 minute summer	S15	32.013	J37	31.4	1.354	0.340	0.2151

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S16	19	184.659	0.102	34.8	0.1287	0.0000	OK
30 minute summer	S17	31	186.017	0.017	0.4	0.0193	0.0000	OK
30 minute summer	S18	19	185.792	0.131	10.2	0.1849	0.0000	OK
30 minute summer	S19	97	185.640	0.149	19.5	0.2041	0.0000	OK
30 minute summer	S20	18	184.692	0.050	2.6	0.0608	0.0000	OK
30 minute summer	S21	19	184.545	0.086	5.6	0.1023	0.0000	OK
30 minute summer	S22	20	184.425	0.139	11.0	0.1694	0.0000	OK
30 minute summer	S23	20	184.313	0.155	14.7	0.1835	0.0000	OK
30 minute summer	S24	19	184.179	0.202	33.0	0.2930	0.0000	OK
30 minute summer	S25	20	184.094	0.168	33.7	0.1903	0.0000	OK
30 minute summer	S26	18	185.412	0.035	2.2	0.0427	0.0000	OK
30 minute summer	FC1	24	188.916	0.666	3.7	1.4295	0.0000	SURCHARGED
30 minute summer	FC2	24	188.814	0.664	3.7	1.4356	0.0000	SURCHARGED
30 minute summer	FC3	28	188.885	0.685	5.9	2.5832	0.0000	SURCHARGED
30 minute summer	FC4	24	188.841	0.641	2.9	1.0444	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	S16	32.015	J38	34.7	1.091	0.236	0.0660
30 minute summer	S17	23.001	J20	0.4	0.363	0.063	0.0108
30 minute summer	S18	23.006	J24	10.0	0.640	0.732	0.0294
30 minute summer	S19	23.010	J27	19.3	0.725	0.645	0.2750
30 minute summer	S20	48.001	J41	2.6	0.673	0.434	0.0179
30 minute summer	S21	48.004	J43	5.5	0.808	0.930	0.0346
30 minute summer	S22	48.008	J46	10.9	0.651	0.810	0.0408
30 minute summer	S23	48.011	J48	14.6	0.526	0.472	0.0323
30 minute summer	S24	48.018	J56	32.8	0.670	0.613	0.2078
30 minute summer	S25	48.021	BASIN 4	33.8	0.922	0.612	0.1169
30 minute summer	S26	65.001	J54	2.2	0.903	0.249	0.0206
30 minute summer	FC1	2.000	J1	1.5	0.575	0.250	0.0372
30 minute summer	FC2	3.000	J2	1.3	0.359	0.219	0.0352
30 minute summer	FC3	4.000	J3	0.8	0.552	0.129	0.0209
30 minute summer	FC4	5.000	J4	0.8	0.617	0.105	0.0095

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC5	24	188.659	0.659	3.7	1.4165	0.0000	SURCHARGED
30 minute summer	FC6	24	188.493	0.643	2.9	1.0427	0.0000	SURCHARGED
30 minute summer	FC7	24	188.393	0.643	2.9	1.0440	0.0000	SURCHARGED
30 minute summer	FC8	24	188.412	0.662	3.7	1.4139	0.0000	SURCHARGED
30 minute summer	FC9	24	188.113	0.643	2.9	1.0455	0.0000	SURCHARGED
30 minute summer	FC10	27	188.151	0.681	5.1	2.1719	0.0000	SURCHARGED
30 minute summer	FC11	24	187.972	0.652	3.3	1.2310	0.0000	SURCHARGED
30 minute summer	FC12	24	187.883	0.653	3.3	1.2310	0.0000	SURCHARGED
30 minute summer	FC13	24	187.665	0.665	3.7	1.4154	0.0000	SURCHARGED
30 minute summer	FC14	31	187.050	0.150	3.7	1.9214	0.0000	SURCHARGED
30 minute summer	FC15	23	187.844	0.644	2.9	1.0400	0.0000	SURCHARGED
30 minute summer	FC16	24	187.544	0.644	2.9	1.0450	0.0000	SURCHARGED
30 minute summer	FC17	24	187.644	0.644	2.9	1.0408	0.0000	SURCHARGED
30 minute summer	FC18	24	187.195	0.645	2.9	1.0453	0.0000	SURCHARGED
30 minute summer	FC19	24	187.065	0.665	3.7	1.4152	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC5	6.000	J5	0.8	0.514	0.136	0.0065
30 minute summer	FC6	7.000	J6	0.8	0.679	0.092	0.0168
30 minute summer	FC7	8.000	J7	0.8	0.586	0.112	0.0212
30 minute summer	FC8	9.000	J8	0.8	0.731	0.083	0.0056
30 minute summer	FC9	10.000	J9	0.8	0.519	0.134	0.0111
30 minute summer	FC10	11.000	J10	0.8	0.564	0.124	0.0091
30 minute summer	FC11	12.000	J11	0.8	0.518	0.136	0.0120
30 minute summer	FC12	13.000	S2	0.8	0.518	0.135	0.0106
30 minute summer	FC13	14.000	J12	0.8	0.520	0.136	0.0106
30 minute summer	FC14	15.000	J13	0.4	0.417	0.062	0.0211
30 minute summer	FC15	16.000	J14	0.8	1.104	0.046	0.0100
30 minute summer	FC16	17.000	J15	0.8	0.552	0.123	0.0118
30 minute summer	FC17	18.000	J16	0.8	0.877	0.064	0.0044
30 minute summer	FC18	19.000	J17	0.8	0.516	0.135	0.0108
30 minute summer	FC19	20.000	S3	0.8	0.518	0.137	0.0122

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC20	24	187.611	0.661	3.7	1.4109	0.0000	SURCHARGED
30 minute summer	FC21	24	186.962	0.662	3.7	1.4161	0.0000	SURCHARGED
30 minute summer	FC22	30	186.599	0.149	2.9	1.4481	0.0000	SURCHARGED
30 minute summer	FC23	24	186.944	0.644	2.9	1.0453	0.0000	SURCHARGED
30 minute summer	FC24	24	186.962	0.662	3.7	1.4145	0.0000	SURCHARGED
30 minute summer	FC25	24	187.211	0.661	3.7	1.4107	0.0000	SURCHARGED
30 minute summer	FC26	30	186.594	0.144	2.9	1.4565	0.0000	SURCHARGED
30 minute summer	FC27	23	187.142	0.642	2.9	1.0402	0.0000	SURCHARGED
30 minute summer	FC28	24	187.160	0.660	3.7	1.4110	0.0000	SURCHARGED
30 minute summer	FC29	25	187.166	0.666	4.0	1.5751	0.0000	SURCHARGED
30 minute summer	FC30	24	187.410	0.660	3.7	1.4108	0.0000	SURCHARGED
30 minute summer	FC31	24	187.096	0.646	2.9	1.0729	0.0000	SURCHARGED
30 minute summer	FC32	24	187.093	0.643	2.9	1.0408	0.0000	SURCHARGED
30 minute summer	FC33	24	187.114	0.664	3.7	1.4102	0.0000	SURCHARGED
30 minute summer	FC34	24	187.114	0.664	3.7	1.4164	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC20	21.000	J18	0.8	1.047	0.051	0.0034
30 minute summer	FC21	22.000	J19	0.8	0.519	0.137	0.0119
30 minute summer	FC22	23.000	S17	0.4	0.598	0.020	0.0031
30 minute summer	FC23	24.000	J20	0.8	0.537	0.126	0.0068
30 minute summer	FC24	25.000	J21	0.8	0.606	0.109	0.0062
30 minute summer	FC25	26.000	J22	0.8	1.039	0.051	0.0037
30 minute summer	FC26	27.000	J23	0.4	0.728	0.028	0.0023
30 minute summer	FC27	28.000	J24	0.8	1.140	0.044	0.0032
30 minute summer	FC28	29.000	J25	0.8	1.044	0.051	0.0034
30 minute summer	FC29	30.000	J26	0.8	1.017	0.053	0.0038
30 minute summer	FC30	31.000	J27	0.8	0.974	0.056	0.0037
30 minute summer	FC31	33.000	J28	1.6	0.573	0.179	0.0333
30 minute summer	FC32	34.000	J29	0.8	0.431	0.063	0.0181
30 minute summer	FC33	35.000	S12	0.8	0.957	0.057	0.0121
30 minute summer	FC34	36.000	J30	0.8	0.532	0.131	0.0072

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC35	24	187.110	0.660	3.7	1.4107	0.0000	SURCHARGED
30 minute summer	FC36	25	187.113	0.662	4.0	1.5756	0.0000	SURCHARGED
30 minute summer	FC37	26	186.478	0.678	4.8	1.9690	0.0000	SURCHARGED
30 minute summer	FC38	31	185.574	0.124	2.9	1.4903	0.0000	SURCHARGED
30 minute summer	FC39	24	186.090	0.640	2.9	1.0412	0.0000	SURCHARGED
30 minute summer	FC40	25	186.117	0.617	3.7	1.4229	0.0000	SURCHARGED
30 minute summer	FC41	24	185.507	0.657	3.7	1.4129	0.0000	SURCHARGED
30 minute summer	FC42	24	185.258	0.658	3.7	1.4149	0.0000	SURCHARGED
30 minute summer	FC43	25	185.230	0.630	3.7	1.4185	0.0000	SURCHARGED
30 minute summer	FC44	17	184.637	0.037	2.9	0.0478	0.0000	OK
30 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC46	27	185.381	0.681	5.1	2.1704	0.0000	SURCHARGED
30 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC48	24	185.461	0.661	3.7	1.4106	0.0000	SURCHARGED
30 minute summer	FC49	24	185.462	0.662	3.7	1.4160	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC35	37.000	J31	0.8	0.961	0.057	0.0152
30 minute summer	FC36	38.000	J32	0.8	1.033	0.051	0.0132
30 minute summer	FC37	39.000	J33	0.8	0.694	0.092	0.0104
30 minute summer	FC38	40.000	J34	0.3	0.682	0.027	0.0023
30 minute summer	FC39	41.000	J35	0.8	0.967	0.055	0.0037
30 minute summer	FC40	42.000	J36	0.8	1.178	0.041	0.0034
30 minute summer	FC41	43.000	J37	0.8	0.775	0.077	0.0082
30 minute summer	FC42	44.000	J38	1.0	0.674	0.118	0.0242
30 minute summer	FC43	45.000	J39	0.8	0.783	0.073	0.0189
30 minute summer	FC44	46.000	J40	2.9	1.138	0.261	0.0165
30 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
30 minute summer	FC46	48.000	S20	0.8	0.507	0.138	0.0162
30 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0101
30 minute summer	FC48	50.000	J42	0.8	0.713	0.058	0.0128
30 minute summer	FC49	51.000	S21	0.8	0.514	0.136	0.0068

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC50	24	185.463	0.663	3.7	1.4158	0.0000	SURCHARGED
30 minute summer	FC51	24	185.508	0.658	3.7	1.4167	0.0000	SURCHARGED
30 minute summer	FC52	26	185.918	0.668	4.4	1.7764	0.0000	SURCHARGED
30 minute summer	FC53	24	185.911	0.661	3.7	1.4132	0.0000	SURCHARGED
30 minute summer	FC54	24	185.893	0.643	2.9	1.0425	0.0000	SURCHARGED
30 minute summer	FC55	24	185.892	0.642	2.9	1.0408	0.0000	SURCHARGED
30 minute summer	FC56	24	186.010	0.660	3.7	1.4108	0.0000	SURCHARGED
30 minute summer	FC57	24	186.011	0.661	3.7	1.4107	0.0000	SURCHARGED
30 minute summer	FC58	24	185.992	0.642	2.9	1.0411	0.0000	SURCHARGED
30 minute summer	FC59	24	185.994	0.644	2.9	1.0410	0.0000	SURCHARGED
30 minute summer	FC60	24	186.012	0.662	3.7	1.4113	0.0000	SURCHARGED
30 minute summer	FC61	24	185.962	0.662	3.7	1.4133	0.0000	SURCHARGED
30 minute summer	FC62	28	185.934	0.684	5.5	2.3704	0.0000	SURCHARGED
30 minute summer	FC63	24	186.043	0.643	2.9	1.0465	0.0000	SURCHARGED
30 minute summer	FC64	24	185.804	0.804	3.7	1.3873	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC50	52.000	J43	0.8	0.515	0.136	0.0073
30 minute summer	FC51	55.000	S22	0.8	0.517	0.136	0.0096
30 minute summer	FC52	58.000	S23	0.8	0.756	0.081	0.0059
30 minute summer	FC53	61.000	J50	0.8	0.708	0.087	0.0049
30 minute summer	FC54	62.000	J51	0.8	0.783	0.074	0.0041
30 minute summer	FC55	64.000	J53	0.8	0.989	0.053	0.0034
30 minute summer	FC56	53.000	J44	0.8	1.027	0.052	0.0052
30 minute summer	FC57	54.000	J45	0.8	0.963	0.057	0.0055
30 minute summer	FC58	56.000	J46	0.8	0.921	0.060	0.0054
30 minute summer	FC59	57.000	J47	0.8	0.854	0.066	0.0060
30 minute summer	FC60	59.000	J48	0.8	0.849	0.068	0.0063
30 minute summer	FC61	60.000	J49	0.8	0.680	0.094	0.0088
30 minute summer	FC62	63.000	J52	0.8	0.630	0.107	0.0123
30 minute summer	FC63	65.000	S26	0.8	0.558	0.135	0.0048
30 minute summer	FC64	66.000	J54	0.9	0.376	0.159	0.0080

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC65	24	185.814	0.664	3.7	1.4098	0.0000	SURCHARGED
30 minute summer	FC66	24	185.664	0.664	3.7	1.4151	0.0000	SURCHARGED
30 minute summer	FC67	30	184.942	0.142	2.9	1.4675	0.0000	SURCHARGED
30 minute summer	FC68	24	185.193	0.643	2.9	1.0434	0.0000	SURCHARGED
30 minute summer	J1	19	188.364	0.164	8.2	0.2215	0.0000	SURCHARGED
30 minute summer	J2	20	188.244	0.138	8.6	0.1558	0.0000	SURCHARGED
30 minute summer	J3	20	188.137	0.091	9.4	0.1029	0.0000	OK
30 minute summer	J4	20	188.101	0.066	10.2	0.0742	0.0000	OK
30 minute summer	J5	20	187.967	0.057	11.0	0.0642	0.0000	OK
30 minute summer	J6	20	187.745	0.095	11.8	0.1075	0.0000	OK
30 minute summer	J7	20	187.706	0.106	12.5	0.1200	0.0000	OK
30 minute summer	J8	20	187.669	0.076	13.3	0.0859	0.0000	OK
30 minute summer	J9	21	187.374	0.099	14.1	0.1124	0.0000	OK
30 minute summer	J10	21	187.330	0.060	15.0	0.0682	0.0000	OK
30 minute summer	J11	21	187.210	0.089	15.7	0.1002	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC65	67.000	J55	0.8	0.840	0.044	0.0063
30 minute summer	FC66	68.000	S24	0.8	0.577	0.112	0.0030
30 minute summer	FC67	69.000	J56	0.4	0.401	0.061	0.0019
30 minute summer	FC68	70.000	J57	0.8	0.675	0.089	0.0027
30 minute summer	J1	1.001	J2	7.9	1.015	0.958	0.0393
30 minute summer	J2	1.002	J3	8.5	1.093	1.444	0.0080
30 minute summer	J3	1.003	J4	9.4	1.010	0.707	0.0181
30 minute summer	J4	1.004	J5	10.2	1.510	0.303	0.0239
30 minute summer	J5	1.005	J6	11.0	1.233	0.287	0.0507
30 minute summer	J6	1.006	J7	11.8	0.936	0.413	0.0247
30 minute summer	J7	1.007	J8	12.5	1.119	0.898	0.0126
30 minute summer	J8	1.008	J9	13.3	1.569	0.439	0.0717
30 minute summer	J9	1.009	J10	14.2	1.127	0.426	0.0153
30 minute summer	J10	1.010	J11	14.9	1.323	0.115	0.0282
30 minute summer	J11	1.011	S2	15.7	0.776	0.244	0.1123

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J12	19	186.916	0.107	23.2	0.1213	0.0000	OK
30 minute summer	J13	20	186.886	0.184	23.5	0.2081	0.0000	OK
30 minute summer	J14	20	186.867	0.172	24.1	0.1940	0.0000	OK
30 minute summer	J15	20	186.840	0.152	25.0	0.1718	0.0000	OK
30 minute summer	J16	20	186.793	0.123	25.8	0.1391	0.0000	OK
30 minute summer	J17	20	186.451	0.093	26.6	0.1056	0.0000	OK
30 minute summer	J18	20	186.302	0.108	31.8	0.1225	0.0000	OK
30 minute summer	J19	20	186.193	0.166	32.7	0.1874	0.0000	OK
30 minute summer	J20	28	185.963	0.032	1.2	0.0361	0.0000	OK
30 minute summer	J21	27	185.935	0.040	2.0	0.0454	0.0000	OK
30 minute summer	J22	27	185.872	0.054	2.8	0.0609	0.0000	OK
30 minute summer	J23	28	185.838	0.055	3.1	0.0621	0.0000	OK
30 minute summer	J24	19	185.776	0.126	10.8	0.1424	0.0000	OK
30 minute summer	J25	19	185.745	0.130	11.5	0.1472	0.0000	OK
30 minute summer	J26	19	185.711	0.124	12.3	0.1400	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J12	1.013	J13	23.2	0.860	0.346	0.1723
30 minute summer	J13	1.014	J14	23.3	0.697	0.744	0.0638
30 minute summer	J14	1.015	J15	24.2	0.793	0.775	0.0584
30 minute summer	J15	1.016	J16	25.0	0.985	0.817	0.1300
30 minute summer	J16	1.017	J17	25.8	1.301	0.429	0.0667
30 minute summer	J17	1.018	S3	26.6	1.193	0.183	0.0426
30 minute summer	J18	1.020	J19	31.9	1.939	0.245	0.0252
30 minute summer	J19	1.021	S4	32.7	0.911	0.593	0.1578
30 minute summer	J20	23.002	J21	1.2	0.460	0.198	0.0096
30 minute summer	J21	23.003	J22	2.0	0.546	0.333	0.0290
30 minute summer	J22	23.004	J23	2.8	0.663	0.467	0.0156
30 minute summer	J23	23.005	S18	3.1	0.741	0.533	0.0394
30 minute summer	J24	23.007	J25	10.7	0.674	0.801	0.0989
30 minute summer	J25	23.008	J26	11.5	0.721	0.863	0.0789
30 minute summer	J26	23.009	S19	12.2	0.858	0.920	0.0526

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J27	97	185.640	0.179	20.1	0.2024	0.0000	OK
30 minute summer	J28	20	186.610	0.254	8.0	0.2876	0.0000	SURCHARGED
30 minute summer	J29	21	186.436	0.165	8.4	0.1870	0.0000	SURCHARGED
30 minute summer	J30	21	186.262	0.115	9.9	0.1299	0.0000	OK
30 minute summer	J31	21	186.231	0.112	10.7	0.1266	0.0000	OK
30 minute summer	J32	21	186.170	0.106	11.5	0.1196	0.0000	OK
30 minute summer	J33	19	185.691	0.081	16.9	0.0912	0.0000	OK
30 minute summer	J34	19	185.258	0.133	24.8	0.1507	0.0000	OK
30 minute summer	J35	19	185.167	0.092	25.6	0.1045	0.0000	OK
30 minute summer	J36	19	185.013	0.138	26.4	0.1565	0.0000	OK
30 minute summer	J37	19	184.733	0.158	32.2	0.1787	0.0000	OK
30 minute summer	J38	19	184.630	0.255	35.4	0.2888	0.0000	SURCHARGED
30 minute summer	J39	19	184.560	0.222	36.1	0.2508	0.0000	OK
30 minute summer	J40	19	184.513	0.188	38.7	0.2125	0.0000	OK
30 minute summer	J41	18	184.646	0.049	2.6	0.0557	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J27	23.011	S4	20.2	0.858	0.676	0.0827
30 minute summer	J28	32.001	J29	7.6	0.973	1.285	0.0691
30 minute summer	J29	32.002	S12	8.3	1.064	1.402	0.0355
30 minute summer	J30	32.004	J31	9.9	0.692	0.746	0.0711
30 minute summer	J31	32.005	J32	10.7	0.781	0.804	0.1333
30 minute summer	J32	32.006	S13	11.5	1.062	0.867	0.0591
30 minute summer	J33	32.008	S14	16.8	1.127	0.473	0.1237
30 minute summer	J34	32.010	J35	24.8	1.248	0.644	0.1796
30 minute summer	J35	32.011	J36	25.6	1.250	0.288	0.1406
30 minute summer	J36	32.012	S15	26.4	1.279	0.879	0.0497
30 minute summer	J37	32.014	S16	32.1	1.374	1.055	0.1224
30 minute summer	J38	32.016	J39	35.3	0.888	1.169	0.4294
30 minute summer	J39	32.017	J40	36.0	0.949	1.168	0.1372
30 minute summer	J40	32.018	S10	38.4	1.158	0.892	0.3171
30 minute summer	J41	48.002	J42	2.6	0.637	0.433	0.0252

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J42	19	184.591	0.054	3.4	0.0610	0.0000	OK
30 minute summer	J43	20	184.458	0.098	6.3	0.1105	0.0000	OK
30 minute summer	J44	20	184.448	0.098	7.0	0.1108	0.0000	OK
30 minute summer	J45	20	184.434	0.134	7.8	0.1512	0.0000	OK
30 minute summer	J46	20	184.405	0.133	11.6	0.1506	0.0000	OK
30 minute summer	J47	20	184.374	0.125	12.4	0.1419	0.0000	OK
30 minute summer	J48	20	184.305	0.151	15.3	0.1703	0.0000	OK
30 minute summer	J49	20	184.291	0.162	16.1	0.1832	0.0000	OK
30 minute summer	J50	20	184.281	0.156	16.8	0.1765	0.0000	OK
30 minute summer	J51	20	184.266	0.158	17.6	0.1785	0.0000	OK
30 minute summer	J52	20	184.252	0.148	18.4	0.1672	0.0000	OK
30 minute summer	J53	20	184.227	0.140	19.2	0.1585	0.0000	OK
30 minute summer	J54	19	185.036	0.057	3.0	0.0647	0.0000	OK
30 minute summer	J55	19	185.006	0.062	3.8	0.0698	0.0000	OK
30 minute summer	J56	20	184.159	0.192	33.1	0.2173	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J42	48.003	S21	3.4	0.575	0.570	0.0470
30 minute summer	J43	48.005	J44	6.2	0.574	0.445	0.0195
30 minute summer	J44	48.006	J45	7.0	0.505	0.523	0.1262
30 minute summer	J45	48.007	S22	7.8	0.484	0.578	0.0400
30 minute summer	J46	48.009	J47	11.6	0.720	0.870	0.0680
30 minute summer	J47	48.010	S23	12.4	0.861	0.932	0.0379
30 minute summer	J48	48.012	J49	15.3	0.530	0.511	0.2191
30 minute summer	J49	48.013	J50	16.0	0.539	0.523	0.0340
30 minute summer	J50	48.014	J51	16.8	0.568	0.562	0.1500
30 minute summer	J51	48.015	J52	17.6	0.613	0.573	0.0326
30 minute summer	J52	48.016	J53	18.4	0.699	0.605	0.1307
30 minute summer	J53	48.017	S24	19.4	0.847	0.643	0.2509
30 minute summer	J54	65.002	J55	3.0	0.617	0.505	0.0177
30 minute summer	J55	65.003	S24	3.8	0.770	0.637	0.0384
30 minute summer	J56	48.019	J57	32.8	0.707	0.605	0.4240

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Results for 30 year +35% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J57	20	184.130	0.185	33.6	0.2096	0.0000	OK
30 minute summer	BASIN 1	97	185.640	0.640	54.6	79.0138	0.0000	SURCHARGED
30 minute summer	BASIN 2	270	184.442	0.142	1.4	12.6813	0.0000	OK
30 minute summer	BASIN 3	117	183.176	0.076	45.9	52.6288	0.0000	OK
30 minute summer	BASIN 4	124	183.757	0.427	36.4	57.8634	0.0000	SURCHARGED
30 minute summer	SWALE 1	99	184.962	0.030	1.1	0.0338	0.0000	OK
30 minute summer	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWALE 3	20	184.254	0.184	46.2	0.2085	0.0000	OK
30 minute summer	BH1	270	184.442	0.365	1.0	1.8595	0.0000	OK
30 minute summer	BH2	101	183.176	0.124	3.9	2.2240	0.0000	OK
30 minute summer	BH3	125	183.757	0.451	12.7	3.7107	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J57	48.020	S25	33.7	0.780	0.624	0.3418
30 minute summer	BASIN 1	1.023	S5	2.4	0.280	0.045	0.6013
30 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
30 minute summer	BASIN 2	71.000	BH1	1.0	0.531	0.163	0.1829
30 minute summer	BASIN 3	1.034	BH2	3.9	0.551	0.047	0.6442
30 minute summer	BASIN 4	48.022	BH3	12.7	1.045	0.237	0.7181
30 minute summer	SWALE 1	1.025	S6	1.1	0.304	0.021	0.1387
30 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
30 minute summer	SWALE 3	1.033	BASIN 3	45.9	1.076	0.662	1.8436
30 minute summer	BH1	Infiltration		0.1			
30 minute summer	BH2	Infiltration		0.2			
30 minute summer	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.71%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S1	18	188.415	0.045	3.6	0.0605	0.0000	OK
30 minute winter	S2	19	187.187	0.147	22.1	0.2169	0.0000	OK
30 minute winter	S3	20	186.369	0.156	30.8	0.2034	0.0000	OK
30 minute winter	S4	132	185.727	0.349	53.5	0.4147	0.0000	SURCHARGED
30 minute winter	S5	102	185.704	0.724	2.6	0.8184	0.0000	SURCHARGED
30 minute winter	S6	106	184.875	0.031	1.2	0.0353	0.0000	OK
30 minute winter	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S9	19	184.323	0.123	0.7	0.1390	0.0000	OK
30 minute winter	S10	19	184.323	0.139	44.8	0.2119	0.0000	OK
30 minute winter	S11	20	186.682	0.282	8.3	0.4602	0.0000	SURCHARGED
30 minute winter	S12	22	186.286	0.110	9.0	0.1241	0.0000	OK
30 minute winter	S13	19	186.113	0.079	15.8	0.1117	0.0000	OK
30 minute winter	S14	19	185.483	0.233	23.7	0.3658	0.0000	SURCHARGED
30 minute winter	S15	19	184.961	0.094	30.2	0.1316	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	S1	1.000	J1	3.6	0.640	0.412	0.0460
30 minute winter	S2	1.012	J12	22.1	0.884	0.738	0.0372
30 minute winter	S3	1.019	J18	30.8	1.273	1.008	0.1238
30 minute winter	S4	1.022	BASIN 1	53.5	2.126	0.319	1.1778
30 minute winter	S5	1.024	SWALE 1	1.2	0.311	0.022	0.0768
30 minute winter	S6	1.026	BASIN 2	1.2	0.352	0.022	0.0192
30 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
30 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.1631
30 minute winter	S9	1.031	S10	-0.7	-0.141	-0.013	0.1973
30 minute winter	S10	1.032	SWALE 3	44.7	1.193	0.248	0.1659
30 minute winter	S11	32.000	J28	7.3	0.938	1.233	0.0355
30 minute winter	S12	32.003	J30	9.0	0.639	0.672	0.0716
30 minute winter	S13	32.007	J33	15.8	1.733	0.490	0.1207
30 minute winter	S14	32.009	J34	23.7	1.347	1.368	0.0903
30 minute winter	S15	32.013	J37	30.2	1.348	0.327	0.2083

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.71%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S16	18	184.653	0.096	33.5	0.1213	0.0000	OK
30 minute winter	S17	31	186.018	0.018	0.4	0.0200	0.0000	OK
30 minute winter	S18	19	185.788	0.127	9.7	0.1788	0.0000	OK
30 minute winter	S19	133	185.716	0.225	18.6	0.3080	0.0000	OK
30 minute winter	S20	18	184.691	0.049	2.5	0.0594	0.0000	OK
30 minute winter	S21	19	184.543	0.084	5.4	0.0991	0.0000	OK
30 minute winter	S22	20	184.424	0.138	10.8	0.1682	0.0000	OK
30 minute winter	S23	20	184.313	0.155	14.6	0.1837	0.0000	OK
30 minute winter	S24	20	184.179	0.202	32.8	0.2937	0.0000	OK
30 minute winter	S25	20	184.094	0.168	33.8	0.1904	0.0000	OK
30 minute winter	S26	19	185.411	0.034	2.1	0.0416	0.0000	OK
30 minute winter	FC1	26	188.930	0.680	3.3	1.6217	0.0000	SURCHARGED
30 minute winter	FC2	26	188.828	0.678	3.3	1.6326	0.0000	SURCHARGED
30 minute winter	FC3	30	188.902	0.702	5.3	3.0040	0.0000	FLOOD RISK
30 minute winter	FC4	25	188.853	0.653	2.7	1.1886	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	S16	32.015	J38	33.5	1.077	0.228	0.0645
30 minute winter	S17	23.001	J20	0.4	0.369	0.068	0.0112
30 minute winter	S18	23.006	J24	9.6	0.627	0.700	0.0285
30 minute winter	S19	23.010	J27	18.5	0.715	0.619	0.3539
30 minute winter	S20	48.001	J41	2.5	0.665	0.419	0.0174
30 minute winter	S21	48.004	J43	5.3	0.807	0.904	0.0337
30 minute winter	S22	48.008	J46	10.7	0.645	0.798	0.0406
30 minute winter	S23	48.011	J48	14.5	0.519	0.471	0.0323
30 minute winter	S24	48.018	J56	32.6	0.667	0.610	0.2087
30 minute winter	S25	48.021	BASIN 4	33.8	0.922	0.612	0.1170
30 minute winter	S26	65.001	J54	2.1	0.891	0.237	0.0198
30 minute winter	FC1	2.000	J1	1.3	0.578	0.208	0.0369
30 minute winter	FC2	3.000	J2	1.3	0.361	0.214	0.0346
30 minute winter	FC3	4.000	J3	0.8	0.554	0.131	0.0200
30 minute winter	FC4	5.000	J4	0.8	0.619	0.106	0.0095

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.71%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC5	26	188.672	0.672	3.3	1.6110	0.0000	SURCHARGED
30 minute winter	FC6	25	188.507	0.657	2.7	1.1865	0.0000	SURCHARGED
30 minute winter	FC7	25	188.407	0.657	2.7	1.1880	0.0000	SURCHARGED
30 minute winter	FC8	26	188.426	0.675	3.3	1.6063	0.0000	SURCHARGED
30 minute winter	FC9	25	188.127	0.657	2.7	1.1896	0.0000	SURCHARGED
30 minute winter	FC10	29	188.168	0.698	4.6	2.5293	0.0000	SURCHARGED
30 minute winter	FC11	25	187.984	0.664	3.0	1.3855	0.0000	SURCHARGED
30 minute winter	FC12	25	187.895	0.665	3.0	1.3853	0.0000	SURCHARGED
30 minute winter	FC13	26	187.680	0.680	3.3	1.6093	0.0000	SURCHARGED
30 minute winter	FC14	31	187.069	0.169	3.3	2.1612	0.0000	SURCHARGED
30 minute winter	FC15	25	187.859	0.659	2.7	1.1829	0.0000	SURCHARGED
30 minute winter	FC16	25	187.558	0.658	2.7	1.1884	0.0000	SURCHARGED
30 minute winter	FC17	25	187.659	0.659	2.7	1.1847	0.0000	SURCHARGED
30 minute winter	FC18	25	187.209	0.659	2.7	1.1893	0.0000	SURCHARGED
30 minute winter	FC19	26	187.080	0.680	3.3	1.6090	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC5	6.000	J5	0.8	0.515	0.137	0.0065
30 minute winter	FC6	7.000	J6	0.8	0.681	0.093	0.0159
30 minute winter	FC7	8.000	J7	0.8	0.588	0.113	0.0206
30 minute winter	FC8	9.000	J8	0.8	0.733	0.084	0.0054
30 minute winter	FC9	10.000	J9	0.8	0.521	0.135	0.0111
30 minute winter	FC10	11.000	J10	0.8	0.566	0.125	0.0091
30 minute winter	FC11	12.000	J11	0.8	0.519	0.137	0.0120
30 minute winter	FC12	13.000	S2	0.8	0.519	0.137	0.0107
30 minute winter	FC13	14.000	J12	0.8	0.522	0.138	0.0107
30 minute winter	FC14	15.000	J13	0.4	0.425	0.066	0.0207
30 minute winter	FC15	16.000	J14	0.8	1.108	0.047	0.0097
30 minute winter	FC16	17.000	J15	0.8	0.554	0.124	0.0115
30 minute winter	FC17	18.000	J16	0.8	0.879	0.064	0.0044
30 minute winter	FC18	19.000	J17	0.8	0.518	0.136	0.0109
30 minute winter	FC19	20.000	S3	0.8	0.519	0.139	0.0120

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.71%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC20	26	187.624	0.674	3.3	1.6037	0.0000	SURCHARGED
30 minute winter	FC21	26	186.975	0.675	3.3	1.6107	0.0000	SURCHARGED
30 minute winter	FC22	30	186.619	0.169	2.7	1.6445	0.0000	SURCHARGED
30 minute winter	FC23	25	186.958	0.658	2.7	1.1895	0.0000	SURCHARGED
30 minute winter	FC24	26	186.976	0.676	3.3	1.6081	0.0000	SURCHARGED
30 minute winter	FC25	26	187.225	0.675	3.3	1.6035	0.0000	SURCHARGED
30 minute winter	FC26	30	186.614	0.164	2.7	1.6535	0.0000	SURCHARGED
30 minute winter	FC27	25	187.156	0.656	2.7	1.1834	0.0000	SURCHARGED
30 minute winter	FC28	26	187.173	0.673	3.3	1.6039	0.0000	SURCHARGED
30 minute winter	FC29	27	187.182	0.681	3.6	1.8221	0.0000	SURCHARGED
30 minute winter	FC30	26	187.424	0.674	3.3	1.6039	0.0000	SURCHARGED
30 minute winter	FC31	25	187.109	0.659	2.7	1.2189	0.0000	SURCHARGED
30 minute winter	FC32	25	187.108	0.658	2.7	1.1844	0.0000	SURCHARGED
30 minute winter	FC33	26	187.128	0.678	3.3	1.6028	0.0000	SURCHARGED
30 minute winter	FC34	26	187.128	0.678	3.3	1.6098	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC20	21.000	J18	0.8	1.050	0.051	0.0034
30 minute winter	FC21	22.000	J19	0.8	0.520	0.138	0.0120
30 minute winter	FC22	23.000	S17	0.4	0.622	0.021	0.0032
30 minute winter	FC23	24.000	J20	0.8	0.538	0.127	0.0069
30 minute winter	FC24	25.000	J21	0.8	0.608	0.110	0.0062
30 minute winter	FC25	26.000	J22	0.8	1.042	0.052	0.0037
30 minute winter	FC26	27.000	J23	0.4	0.742	0.030	0.0024
30 minute winter	FC27	28.000	J24	0.8	1.144	0.044	0.0032
30 minute winter	FC28	29.000	J25	0.8	1.047	0.051	0.0034
30 minute winter	FC29	30.000	J26	0.8	1.020	0.054	0.0038
30 minute winter	FC30	31.000	J27	0.8	0.977	0.056	0.0037
30 minute winter	FC31	33.000	J28	1.5	0.595	0.166	0.0333
30 minute winter	FC32	34.000	J29	0.8	0.452	0.064	0.0181
30 minute winter	FC33	35.000	S12	0.8	0.960	0.058	0.0118
30 minute winter	FC34	36.000	J30	0.8	0.533	0.132	0.0073

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.71%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC35	26	187.124	0.674	3.3	1.6040	0.0000	SURCHARGED
30 minute winter	FC36	27	187.127	0.677	3.6	1.8227	0.0000	SURCHARGED
30 minute winter	FC37	29	186.496	0.696	4.3	2.2960	0.0000	SURCHARGED
30 minute winter	FC38	30	185.590	0.140	2.7	1.6885	0.0000	SURCHARGED
30 minute winter	FC39	25	186.102	0.652	2.7	1.1848	0.0000	SURCHARGED
30 minute winter	FC40	26	186.131	0.631	3.3	1.6194	0.0000	SURCHARGED
30 minute winter	FC41	26	185.520	0.670	3.3	1.6067	0.0000	SURCHARGED
30 minute winter	FC42	26	185.270	0.670	3.3	1.6076	0.0000	SURCHARGED
30 minute winter	FC43	26	185.233	0.633	3.3	1.6154	0.0000	SURCHARGED
30 minute winter	FC44	17	184.635	0.035	2.7	0.0449	0.0000	OK
30 minute winter	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC46	29	185.398	0.698	4.6	2.5313	0.0000	SURCHARGED
30 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC48	26	185.475	0.675	3.3	1.6036	0.0000	SURCHARGED
30 minute winter	FC49	26	185.476	0.676	3.3	1.6101	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC35	37.000	J31	0.8	0.964	0.057	0.0150
30 minute winter	FC36	38.000	J32	0.8	1.037	0.052	0.0132
30 minute winter	FC37	39.000	J33	0.8	0.696	0.094	0.0097
30 minute winter	FC38	40.000	J34	0.4	0.696	0.029	0.0025
30 minute winter	FC39	41.000	J35	0.8	0.970	0.056	0.0037
30 minute winter	FC40	42.000	J36	0.8	1.182	0.041	0.0034
30 minute winter	FC41	43.000	J37	0.8	0.777	0.078	0.0072
30 minute winter	FC42	44.000	J38	0.8	0.676	0.094	0.0222
30 minute winter	FC43	45.000	J39	0.8	0.784	0.073	0.0183
30 minute winter	FC44	46.000	J40	2.7	1.092	0.242	0.0150
30 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
30 minute winter	FC46	48.000	S20	0.8	0.509	0.140	0.0159
30 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0099
30 minute winter	FC48	50.000	J42	0.8	0.680	0.059	0.0126
30 minute winter	FC49	51.000	S21	0.8	0.516	0.138	0.0069

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.71%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC50	26	185.477	0.677	3.3	1.6099	0.0000	SURCHARGED
30 minute winter	FC51	26	185.520	0.670	3.3	1.6115	0.0000	SURCHARGED
30 minute winter	FC52	28	185.933	0.683	4.0	2.0724	0.0000	SURCHARGED
30 minute winter	FC53	26	185.925	0.675	3.3	1.6062	0.0000	SURCHARGED
30 minute winter	FC54	25	185.906	0.656	2.7	1.1854	0.0000	SURCHARGED
30 minute winter	FC55	25	185.905	0.655	2.7	1.1841	0.0000	SURCHARGED
30 minute winter	FC56	26	186.023	0.673	3.3	1.6040	0.0000	SURCHARGED
30 minute winter	FC57	26	186.025	0.675	3.3	1.6035	0.0000	SURCHARGED
30 minute winter	FC58	25	186.005	0.655	2.7	1.1846	0.0000	SURCHARGED
30 minute winter	FC59	25	186.008	0.658	2.7	1.1847	0.0000	SURCHARGED
30 minute winter	FC60	26	186.026	0.676	3.3	1.6047	0.0000	SURCHARGED
30 minute winter	FC61	26	185.976	0.676	3.3	1.6063	0.0000	SURCHARGED
30 minute winter	FC62	30	185.952	0.702	5.0	2.7681	0.0000	FLOOD RISK
30 minute winter	FC63	25	186.057	0.657	2.7	1.1902	0.0000	SURCHARGED
30 minute winter	FC64	26	185.822	0.822	3.3	1.5678	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC50	52.000	J43	0.8	0.517	0.138	0.0074
30 minute winter	FC51	55.000	S22	0.8	0.519	0.137	0.0096
30 minute winter	FC52	58.000	S23	0.8	0.758	0.082	0.0059
30 minute winter	FC53	61.000	J50	0.8	0.710	0.088	0.0049
30 minute winter	FC54	62.000	J51	0.8	0.785	0.075	0.0041
30 minute winter	FC55	64.000	J53	0.8	0.992	0.054	0.0034
30 minute winter	FC56	53.000	J44	0.8	1.030	0.053	0.0052
30 minute winter	FC57	54.000	J45	0.8	0.966	0.058	0.0055
30 minute winter	FC58	56.000	J46	0.8	0.924	0.060	0.0054
30 minute winter	FC59	57.000	J47	0.8	0.857	0.067	0.0060
30 minute winter	FC60	59.000	J48	0.8	0.851	0.069	0.0064
30 minute winter	FC61	60.000	J49	0.8	0.682	0.095	0.0089
30 minute winter	FC62	63.000	J52	0.8	0.632	0.109	0.0124
30 minute winter	FC63	65.000	S26	0.8	0.564	0.136	0.0048
30 minute winter	FC64	66.000	J54	0.9	0.377	0.156	0.0077

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.71%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC65	26	185.828	0.678	3.3	1.6019	0.0000	SURCHARGED
30 minute winter	FC66	26	185.679	0.679	3.3	1.6079	0.0000	SURCHARGED
30 minute winter	FC67	30	184.961	0.161	2.7	1.6650	0.0000	SURCHARGED
30 minute winter	FC68	25	185.207	0.657	2.7	1.1869	0.0000	SURCHARGED
30 minute winter	J1	19	188.345	0.145	7.7	0.1953	0.0000	SURCHARGED
30 minute winter	J2	20	188.239	0.133	8.2	0.1503	0.0000	SURCHARGED
30 minute winter	J3	20	188.135	0.089	9.0	0.1006	0.0000	OK
30 minute winter	J4	20	188.099	0.064	9.8	0.0725	0.0000	OK
30 minute winter	J5	20	187.966	0.055	10.6	0.0628	0.0000	OK
30 minute winter	J6	20	187.743	0.093	11.4	0.1049	0.0000	OK
30 minute winter	J7	21	187.704	0.104	12.2	0.1179	0.0000	OK
30 minute winter	J8	21	187.668	0.075	13.0	0.0846	0.0000	OK
30 minute winter	J9	21	187.373	0.098	13.8	0.1111	0.0000	OK
30 minute winter	J10	21	187.330	0.060	14.8	0.0673	0.0000	OK
30 minute winter	J11	21	187.208	0.087	15.4	0.0984	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC65	67.000	J55	0.8	0.694	0.044	0.0063
30 minute winter	FC66	68.000	S24	0.8	0.579	0.114	0.0030
30 minute winter	FC67	69.000	J56	0.4	0.409	0.065	0.0020
30 minute winter	FC68	70.000	J57	0.8	0.677	0.090	0.0027
30 minute winter	J1	1.001	J2	7.5	0.957	0.903	0.0393
30 minute winter	J2	1.002	J3	8.2	1.049	1.386	0.0079
30 minute winter	J3	1.003	J4	9.0	0.999	0.679	0.0176
30 minute winter	J4	1.004	J5	9.8	1.498	0.292	0.0232
30 minute winter	J5	1.005	J6	10.6	1.222	0.277	0.0493
30 minute winter	J6	1.006	J7	11.4	0.928	0.400	0.0241
30 minute winter	J7	1.007	J8	12.1	1.109	0.872	0.0123
30 minute winter	J8	1.008	J9	13.0	1.561	0.429	0.0703
30 minute winter	J9	1.009	J10	14.0	1.128	0.419	0.0150
30 minute winter	J10	1.010	J11	14.6	1.314	0.113	0.0276
30 minute winter	J11	1.011	S2	15.4	0.769	0.239	0.1112

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.71%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J12	19	186.915	0.106	22.8	0.1196	0.0000	OK
30 minute winter	J13	20	186.885	0.183	23.1	0.2066	0.0000	OK
30 minute winter	J14	20	186.865	0.170	23.9	0.1926	0.0000	OK
30 minute winter	J15	20	186.839	0.151	24.7	0.1705	0.0000	OK
30 minute winter	J16	20	186.792	0.122	25.5	0.1381	0.0000	OK
30 minute winter	J17	20	186.451	0.093	26.3	0.1047	0.0000	OK
30 minute winter	J18	20	186.302	0.108	31.6	0.1219	0.0000	OK
30 minute winter	J19	20	186.192	0.165	32.5	0.1866	0.0000	OK
30 minute winter	J20	29	185.964	0.032	1.2	0.0367	0.0000	OK
30 minute winter	J21	29	185.936	0.041	2.0	0.0460	0.0000	OK
30 minute winter	J22	29	185.873	0.055	2.8	0.0617	0.0000	OK
30 minute winter	J23	30	185.839	0.056	3.2	0.0631	0.0000	OK
30 minute winter	J24	19	185.772	0.122	10.4	0.1377	0.0000	OK
30 minute winter	J25	19	185.742	0.127	11.1	0.1432	0.0000	OK
30 minute winter	J26	115	185.715	0.128	11.9	0.1451	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J12	1.013	J13	22.8	0.854	0.340	0.1708
30 minute winter	J13	1.014	J14	23.1	0.693	0.737	0.0633
30 minute winter	J14	1.015	J15	23.9	0.790	0.766	0.0580
30 minute winter	J15	1.016	J16	24.7	0.982	0.808	0.1288
30 minute winter	J16	1.017	J17	25.5	1.297	0.424	0.0661
30 minute winter	J17	1.018	S3	26.3	1.184	0.181	0.0423
30 minute winter	J18	1.020	J19	31.7	1.944	0.244	0.0250
30 minute winter	J19	1.021	S4	32.5	0.909	0.589	0.1570
30 minute winter	J20	23.002	J21	1.2	0.464	0.204	0.0098
30 minute winter	J21	23.003	J22	2.0	0.549	0.341	0.0295
30 minute winter	J22	23.004	J23	2.8	0.664	0.476	0.0159
30 minute winter	J23	23.005	S18	3.2	0.746	0.546	0.0385
30 minute winter	J24	23.007	J25	10.3	0.666	0.775	0.0963
30 minute winter	J25	23.008	J26	11.1	0.714	0.837	0.0772
30 minute winter	J26	23.009	S19	11.9	0.850	0.894	0.0621

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.71%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J27	115	185.725	0.264	19.3	0.2990	0.0000	SURCHARGED
30 minute winter	J28	21	186.598	0.242	7.7	0.2733	0.0000	SURCHARGED
30 minute winter	J29	21	186.432	0.161	8.2	0.1821	0.0000	SURCHARGED
30 minute winter	J30	22	186.261	0.114	9.8	0.1289	0.0000	OK
30 minute winter	J31	22	186.230	0.111	10.6	0.1260	0.0000	OK
30 minute winter	J32	22	186.170	0.106	11.4	0.1195	0.0000	OK
30 minute winter	J33	20	185.688	0.078	16.6	0.0882	0.0000	OK
30 minute winter	J34	19	185.256	0.130	24.0	0.1476	0.0000	OK
30 minute winter	J35	19	185.165	0.090	24.8	0.1021	0.0000	OK
30 minute winter	J36	19	185.011	0.136	25.5	0.1533	0.0000	OK
30 minute winter	J37	19	184.729	0.154	31.0	0.1737	0.0000	OK
30 minute winter	J38	19	184.620	0.245	34.3	0.2771	0.0000	SURCHARGED
30 minute winter	J39	19	184.554	0.216	35.0	0.2439	0.0000	OK
30 minute winter	J40	19	184.508	0.183	37.5	0.2064	0.0000	OK
30 minute winter	J41	18	184.645	0.048	2.5	0.0545	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J27	23.011	S4	19.4	0.847	0.649	0.0951
30 minute winter	J28	32.001	J29	7.4	0.948	1.253	0.0691
30 minute winter	J29	32.002	S12	8.2	1.048	1.380	0.0355
30 minute winter	J30	32.004	J31	9.8	0.690	0.737	0.0706
30 minute winter	J31	32.005	J32	10.6	0.776	0.797	0.1329
30 minute winter	J32	32.006	S13	11.4	1.050	0.858	0.0594
30 minute winter	J33	32.008	S14	16.6	1.120	0.468	0.1219
30 minute winter	J34	32.010	J35	24.0	1.239	0.622	0.1748
30 minute winter	J35	32.011	J36	24.8	1.243	0.278	0.1369
30 minute winter	J36	32.012	S15	25.5	1.264	0.850	0.0483
30 minute winter	J37	32.014	S16	31.0	1.380	1.019	0.1164
30 minute winter	J38	32.016	J39	34.3	0.861	1.135	0.4270
30 minute winter	J39	32.017	J40	35.0	0.941	1.135	0.1347
30 minute winter	J40	32.018	S10	37.3	1.154	0.867	0.3092
30 minute winter	J41	48.002	J42	2.5	0.626	0.418	0.0246

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.71%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J42	19	184.590	0.053	3.3	0.0601	0.0000	OK
30 minute winter	J43	20	184.456	0.096	6.1	0.1086	0.0000	OK
30 minute winter	J44	20	184.446	0.096	6.9	0.1088	0.0000	OK
30 minute winter	J45	20	184.432	0.132	7.7	0.1497	0.0000	OK
30 minute winter	J46	20	184.404	0.132	11.5	0.1495	0.0000	OK
30 minute winter	J47	20	184.373	0.125	12.3	0.1411	0.0000	OK
30 minute winter	J48	20	184.305	0.151	15.3	0.1705	0.0000	OK
30 minute winter	J49	20	184.291	0.162	16.1	0.1833	0.0000	OK
30 minute winter	J50	21	184.281	0.156	16.8	0.1768	0.0000	OK
30 minute winter	J51	21	184.266	0.158	17.6	0.1790	0.0000	OK
30 minute winter	J52	21	184.252	0.148	18.4	0.1675	0.0000	OK
30 minute winter	J53	20	184.227	0.140	19.3	0.1587	0.0000	OK
30 minute winter	J54	19	185.035	0.056	2.9	0.0637	0.0000	OK
30 minute winter	J55	20	185.005	0.061	3.7	0.0691	0.0000	OK
30 minute winter	J56	20	184.160	0.193	32.9	0.2180	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J42	48.003	S21	3.3	0.578	0.555	0.0459
30 minute winter	J43	48.005	J44	6.1	0.569	0.435	0.0191
30 minute winter	J44	48.006	J45	6.9	0.507	0.515	0.1245
30 minute winter	J45	48.007	S22	7.7	0.485	0.567	0.0397
30 minute winter	J46	48.009	J47	11.5	0.717	0.863	0.0676
30 minute winter	J47	48.010	S23	12.3	0.858	0.924	0.0377
30 minute winter	J48	48.012	J49	15.3	0.526	0.511	0.2193
30 minute winter	J49	48.013	J50	16.0	0.536	0.523	0.0341
30 minute winter	J50	48.014	J51	16.8	0.567	0.562	0.1504
30 minute winter	J51	48.015	J52	17.6	0.612	0.575	0.0327
30 minute winter	J52	48.016	J53	18.5	0.697	0.605	0.1309
30 minute winter	J53	48.017	S24	19.3	0.843	0.641	0.2522
30 minute winter	J54	65.002	J55	2.9	0.612	0.492	0.0173
30 minute winter	J55	65.003	S24	3.7	0.769	0.630	0.0380
30 minute winter	J56	48.019	J57	33.0	0.706	0.608	0.4253

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Results for 30 year +35% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.71%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J57	20	184.131	0.186	33.8	0.2100	0.0000	OK
30 minute winter	BASIN 1	103	185.704	0.704	53.5	87.9947	0.0000	SURCHARGED
30 minute winter	BASIN 2	270	184.450	0.150	1.4	13.4335	0.0000	OK
30 minute winter	BASIN 3	124	183.185	0.085	44.6	59.1728	0.0000	OK
30 minute winter	BASIN 4	132	183.805	0.475	34.3	65.0252	0.0000	SURCHARGED
30 minute winter	SWALE 1	104	184.963	0.031	1.2	0.0346	0.0000	OK
30 minute winter	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
30 minute winter	SWALE 3	20	184.251	0.181	44.7	0.2045	0.0000	OK
30 minute winter	BH1	270	184.450	0.373	1.0	1.8828	0.0000	OK
30 minute winter	BH2	103	183.186	0.134	4.4	2.2703	0.0000	OK
30 minute winter	BH3	133	183.805	0.499	12.8	3.9362	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J57	48.020	S25	33.8	0.781	0.626	0.3423
30 minute winter	BASIN 1	1.023	S5	2.6	0.289	0.048	0.6013
30 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
30 minute winter	BASIN 2	71.000	BH1	1.0	0.535	0.169	0.1829
30 minute winter	BASIN 3	1.034	BH2	4.4	0.572	0.053	0.7278
30 minute winter	BASIN 4	48.022	BH3	12.8	1.046	0.239	0.7181
30 minute winter	SWALE 1	1.025	S6	1.2	0.309	0.022	0.1434
30 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
30 minute winter	SWALE 3	1.033	BASIN 3	44.6	1.067	0.642	1.8049
30 minute winter	BH1	Infiltration		0.1			
30 minute winter	BH2	Infiltration		0.2			
30 minute winter	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S1	33	188.411	0.040	3.0	0.0547	0.0000	OK
60 minute summer	S2	34	187.179	0.140	20.2	0.2065	0.0000	OK
60 minute summer	S3	35	186.360	0.148	28.2	0.1925	0.0000	OK
60 minute summer	S4	154	185.839	0.461	48.1	0.5477	0.0000	SURCHARGED
60 minute summer	S5	118	185.779	0.799	1.6	0.9036	0.0000	SURCHARGED
60 minute summer	S6	123	184.876	0.032	1.2	0.0362	0.0000	OK
60 minute summer	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
60 minute summer	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
60 minute summer	S9	34	184.310	0.110	0.6	0.1243	0.0000	OK
60 minute summer	S10	34	184.310	0.126	39.4	0.1921	0.0000	OK
60 minute summer	S11	35	186.592	0.192	6.9	0.3128	0.0000	SURCHARGED
60 minute summer	S12	36	186.277	0.101	8.1	0.1138	0.0000	OK
60 minute summer	S13	34	186.108	0.074	14.2	0.1059	0.0000	OK
60 minute summer	S14	34	185.447	0.197	21.1	0.3085	0.0000	SURCHARGED
60 minute summer	S15	34	184.954	0.087	26.8	0.1215	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	S1	1.000	J1	3.0	0.620	0.344	0.0432
60 minute summer	S2	1.012	J12	20.2	0.858	0.678	0.0352
60 minute summer	S3	1.019	J18	28.2	1.247	0.922	0.1157
60 minute summer	S4	1.022	BASIN 1	48.6	1.807	0.290	1.1778
60 minute summer	S5	1.024	SWALE 1	1.2	0.315	0.023	0.0796
60 minute summer	S6	1.026	BASIN 2	1.2	0.355	0.023	0.0200
60 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
60 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.1404
60 minute summer	S9	1.031	S10	-0.6	-0.097	-0.011	0.1718
60 minute summer	S10	1.032	SWALE 3	39.2	1.167	0.218	0.1483
60 minute summer	S11	32.000	J28	6.3	0.802	1.055	0.0355
60 minute summer	S12	32.003	J30	8.1	0.627	0.604	0.0655
60 minute summer	S13	32.007	J33	14.2	1.726	0.441	0.1071
60 minute summer	S14	32.009	J34	21.0	1.196	1.213	0.0891
60 minute summer	S15	32.013	J37	26.8	1.306	0.290	0.1911

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S16	33	184.649	0.092	29.7	0.1160	0.0000	OK
60 minute summer	S17	47	186.018	0.017	0.4	0.0198	0.0000	OK
60 minute summer	S18	134	185.798	0.137	8.5	0.1938	0.0000	OK
60 minute summer	S19	154	185.802	0.311	16.2	0.4266	0.0000	SURCHARGED
60 minute summer	S20	33	184.687	0.045	2.2	0.0549	0.0000	OK
60 minute summer	S21	34	184.534	0.075	4.8	0.0888	0.0000	OK
60 minute summer	S22	35	184.414	0.128	9.9	0.1558	0.0000	OK
60 minute summer	S23	35	184.304	0.146	13.4	0.1730	0.0000	OK
60 minute summer	S24	35	184.167	0.190	29.7	0.2758	0.0000	OK
60 minute summer	S25	35	184.086	0.160	30.7	0.1806	0.0000	OK
60 minute summer	S26	33	185.409	0.032	1.8	0.0385	0.0000	OK
60 minute summer	FC1	42	188.914	0.663	2.8	1.4012	0.0000	SURCHARGED
60 minute summer	FC2	42	188.812	0.662	2.8	1.4171	0.0000	SURCHARGED
60 minute summer	FC3	45	188.890	0.690	4.4	2.6992	0.0000	SURCHARGED
60 minute summer	FC4	40	188.838	0.638	2.2	1.0200	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	S16	32.015	J38	29.7	1.059	0.202	0.0619
60 minute summer	S17	23.001	J20	0.4	0.376	0.066	0.0111
60 minute summer	S18	23.006	J24	8.4	0.611	0.614	0.0316
60 minute summer	S19	23.010	J27	16.2	0.687	0.542	0.3541
60 minute summer	S20	48.001	J41	2.2	0.646	0.368	0.0157
60 minute summer	S21	48.004	J43	4.8	0.799	0.809	0.0305
60 minute summer	S22	48.008	J46	9.8	0.629	0.733	0.0383
60 minute summer	S23	48.011	J48	13.4	0.507	0.434	0.0301
60 minute summer	S24	48.018	J56	29.6	0.650	0.553	0.1942
60 minute summer	S25	48.021	BASIN 4	30.7	0.894	0.556	0.1096
60 minute summer	S26	65.001	J54	1.8	0.857	0.205	0.0178
60 minute summer	FC1	2.000	J1	1.2	0.556	0.192	0.0261
60 minute summer	FC2	3.000	J2	1.0	0.348	0.177	0.0319
60 minute summer	FC3	4.000	J3	0.8	0.553	0.129	0.0171
60 minute summer	FC4	5.000	J4	0.8	0.617	0.105	0.0095

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC5	42	188.658	0.658	2.8	1.4014	0.0000	SURCHARGED
60 minute summer	FC6	40	188.491	0.641	2.2	1.0182	0.0000	SURCHARGED
60 minute summer	FC7	40	188.391	0.641	2.2	1.0200	0.0000	SURCHARGED
60 minute summer	FC8	42	188.410	0.660	2.8	1.3949	0.0000	SURCHARGED
60 minute summer	FC9	40	188.111	0.641	2.2	1.0222	0.0000	SURCHARGED
60 minute summer	FC10	44	188.155	0.685	3.9	2.2556	0.0000	SURCHARGED
60 minute summer	FC11	41	187.970	0.650	2.5	1.2014	0.0000	SURCHARGED
60 minute summer	FC12	41	187.881	0.651	2.5	1.2014	0.0000	SURCHARGED
60 minute summer	FC13	42	187.664	0.664	2.8	1.3997	0.0000	SURCHARGED
60 minute summer	FC14	51	187.066	0.165	2.8	2.1165	0.0000	SURCHARGED
60 minute summer	FC15	40	187.841	0.641	2.2	1.0142	0.0000	SURCHARGED
60 minute summer	FC16	40	187.542	0.642	2.2	1.0211	0.0000	SURCHARGED
60 minute summer	FC17	40	187.642	0.642	2.2	1.0157	0.0000	SURCHARGED
60 minute summer	FC18	40	187.192	0.642	2.2	1.0222	0.0000	SURCHARGED
60 minute summer	FC19	42	187.064	0.664	2.8	1.3998	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC5	6.000	J5	0.8	0.514	0.136	0.0065
60 minute summer	FC6	7.000	J6	0.8	0.679	0.092	0.0136
60 minute summer	FC7	8.000	J7	0.8	0.586	0.112	0.0184
60 minute summer	FC8	9.000	J8	0.8	0.731	0.083	0.0048
60 minute summer	FC9	10.000	J9	0.8	0.519	0.133	0.0110
60 minute summer	FC10	11.000	J10	0.8	0.565	0.124	0.0091
60 minute summer	FC11	12.000	J11	0.8	0.518	0.135	0.0119
60 minute summer	FC12	13.000	S2	0.8	0.517	0.135	0.0106
60 minute summer	FC13	14.000	J12	0.8	0.520	0.136	0.0106
60 minute summer	FC14	15.000	J13	0.4	0.423	0.065	0.0167
60 minute summer	FC15	16.000	J14	0.8	1.104	0.046	0.0076
60 minute summer	FC16	17.000	J15	0.8	0.552	0.123	0.0109
60 minute summer	FC17	18.000	J16	0.8	0.876	0.064	0.0044
60 minute summer	FC18	19.000	J17	0.8	0.516	0.135	0.0108
60 minute summer	FC19	20.000	S3	0.8	0.518	0.137	0.0103

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC20	42	187.609	0.659	2.8	1.3913	0.0000	SURCHARGED
60 minute summer	FC21	42	186.961	0.660	2.8	1.4006	0.0000	SURCHARGED
60 minute summer	FC22	47	186.613	0.163	2.2	1.5836	0.0000	SURCHARGED
60 minute summer	FC23	40	186.941	0.641	2.2	1.0217	0.0000	SURCHARGED
60 minute summer	FC24	42	186.961	0.661	2.8	1.3975	0.0000	SURCHARGED
60 minute summer	FC25	42	187.210	0.660	2.8	1.3912	0.0000	SURCHARGED
60 minute summer	FC26	47	186.608	0.158	2.2	1.5958	0.0000	SURCHARGED
60 minute summer	FC27	40	187.140	0.640	2.2	1.0145	0.0000	SURCHARGED
60 minute summer	FC28	42	187.159	0.659	2.8	1.3915	0.0000	SURCHARGED
60 minute summer	FC29	42	187.168	0.668	3.0	1.6006	0.0000	SURCHARGED
60 minute summer	FC30	42	187.409	0.659	2.8	1.3925	0.0000	SURCHARGED
60 minute summer	FC31	40	187.091	0.641	2.2	1.0301	0.0000	SURCHARGED
60 minute summer	FC32	40	187.091	0.641	2.2	1.0155	0.0000	SURCHARGED
60 minute summer	FC33	42	187.112	0.662	2.8	1.3915	0.0000	SURCHARGED
60 minute summer	FC34	42	187.113	0.663	2.8	1.4001	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC20	21.000	J18	0.8	1.046	0.050	0.0034
60 minute summer	FC21	22.000	J19	0.8	0.519	0.137	0.0119
60 minute summer	FC22	23.000	S17	0.4	0.606	0.021	0.0032
60 minute summer	FC23	24.000	J20	0.8	0.536	0.126	0.0068
60 minute summer	FC24	25.000	J21	0.8	0.606	0.109	0.0062
60 minute summer	FC25	26.000	J22	0.8	1.039	0.051	0.0037
60 minute summer	FC26	27.000	J23	0.4	0.738	0.029	0.0024
60 minute summer	FC27	28.000	J24	0.8	1.139	0.044	0.0032
60 minute summer	FC28	29.000	J25	0.8	1.044	0.051	0.0034
60 minute summer	FC29	30.000	J26	0.8	1.017	0.053	0.0038
60 minute summer	FC30	31.000	J27	0.8	0.974	0.056	0.0037
60 minute summer	FC31	33.000	J28	1.3	0.510	0.139	0.0311
60 minute summer	FC32	34.000	J29	0.8	0.389	0.063	0.0181
60 minute summer	FC33	35.000	S12	0.8	0.957	0.057	0.0099
60 minute summer	FC34	36.000	J30	0.8	0.532	0.130	0.0072

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC35	42	187.109	0.659	2.8	1.3922	0.0000	SURCHARGED
60 minute summer	FC36	42	187.114	0.664	3.0	1.6013	0.0000	SURCHARGED
60 minute summer	FC37	43	186.481	0.681	3.6	2.0156	0.0000	SURCHARGED
60 minute summer	FC38	47	185.587	0.137	2.2	1.6434	0.0000	SURCHARGED
60 minute summer	FC39	40	186.088	0.638	2.2	1.0158	0.0000	SURCHARGED
60 minute summer	FC40	42	186.116	0.616	2.8	1.4079	0.0000	SURCHARGED
60 minute summer	FC41	42	185.506	0.656	2.8	1.3954	0.0000	SURCHARGED
60 minute summer	FC42	42	185.257	0.657	2.8	1.3971	0.0000	SURCHARGED
60 minute summer	FC43	42	185.230	0.630	2.8	1.4028	0.0000	SURCHARGED
60 minute summer	FC44	32	184.632	0.032	2.2	0.0410	0.0000	OK
60 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
60 minute summer	FC46	44	185.385	0.685	3.9	2.2558	0.0000	SURCHARGED
60 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute summer	FC48	42	185.460	0.660	2.8	1.3920	0.0000	SURCHARGED
60 minute summer	FC49	42	185.461	0.661	2.8	1.4007	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC35	37.000	J31	0.8	0.960	0.057	0.0131
60 minute summer	FC36	38.000	J32	0.8	1.031	0.052	0.0117
60 minute summer	FC37	39.000	J33	0.8	0.694	0.093	0.0078
60 minute summer	FC38	40.000	J34	0.4	0.693	0.028	0.0024
60 minute summer	FC39	41.000	J35	0.8	0.967	0.055	0.0037
60 minute summer	FC40	42.000	J36	0.8	1.178	0.041	0.0034
60 minute summer	FC41	43.000	J37	0.8	0.774	0.077	0.0052
60 minute summer	FC42	44.000	J38	0.8	0.674	0.093	0.0202
60 minute summer	FC43	45.000	J39	0.8	0.783	0.073	0.0146
60 minute summer	FC44	46.000	J40	2.2	1.062	0.198	0.0106
60 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
60 minute summer	FC46	48.000	S20	0.8	0.506	0.138	0.0148
60 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0089
60 minute summer	FC48	50.000	J42	0.8	0.638	0.058	0.0119
60 minute summer	FC49	51.000	S21	0.8	0.514	0.136	0.0068

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC50	42	185.462	0.662	2.8	1.4005	0.0000	SURCHARGED
60 minute summer	FC51	42	185.507	0.657	2.8	1.4019	0.0000	SURCHARGED
60 minute summer	FC52	43	185.919	0.669	3.3	1.7993	0.0000	SURCHARGED
60 minute summer	FC53	42	185.910	0.660	2.8	1.3961	0.0000	SURCHARGED
60 minute summer	FC54	40	185.890	0.640	2.2	1.0170	0.0000	SURCHARGED
60 minute summer	FC55	40	185.889	0.639	2.2	1.0153	0.0000	SURCHARGED
60 minute summer	FC56	42	186.009	0.659	2.8	1.3916	0.0000	SURCHARGED
60 minute summer	FC57	42	186.010	0.660	2.8	1.3923	0.0000	SURCHARGED
60 minute summer	FC58	40	185.990	0.640	2.2	1.0157	0.0000	SURCHARGED
60 minute summer	FC59	40	185.991	0.641	2.2	1.0160	0.0000	SURCHARGED
60 minute summer	FC60	42	186.011	0.660	2.8	1.3928	0.0000	SURCHARGED
60 minute summer	FC61	42	185.961	0.661	2.8	1.3960	0.0000	SURCHARGED
60 minute summer	FC62	45	185.939	0.689	4.1	2.4748	0.0000	SURCHARGED
60 minute summer	FC63	40	186.041	0.641	2.2	1.0232	0.0000	SURCHARGED
60 minute summer	FC64	41	185.802	0.801	2.8	1.3586	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC50	52.000	J43	0.8	0.515	0.136	0.0073
60 minute summer	FC51	55.000	S22	0.8	0.517	0.136	0.0095
60 minute summer	FC52	58.000	S23	0.8	0.756	0.081	0.0059
60 minute summer	FC53	61.000	J50	0.8	0.708	0.087	0.0049
60 minute summer	FC54	62.000	J51	0.8	0.782	0.074	0.0041
60 minute summer	FC55	64.000	J53	0.8	0.989	0.053	0.0034
60 minute summer	FC56	53.000	J44	0.8	1.027	0.052	0.0052
60 minute summer	FC57	54.000	J45	0.8	0.963	0.057	0.0055
60 minute summer	FC58	56.000	J46	0.8	0.921	0.060	0.0054
60 minute summer	FC59	57.000	J47	0.8	0.854	0.066	0.0060
60 minute summer	FC60	59.000	J48	0.8	0.848	0.068	0.0063
60 minute summer	FC61	60.000	J49	0.8	0.680	0.094	0.0088
60 minute summer	FC62	63.000	J52	0.8	0.630	0.108	0.0123
60 minute summer	FC63	65.000	S26	0.8	0.538	0.134	0.0045
60 minute summer	FC64	66.000	J54	0.9	0.369	0.152	0.0070

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC65	42	185.812	0.662	2.8	1.3899	0.0000	SURCHARGED
60 minute summer	FC66	42	185.663	0.663	2.8	1.3985	0.0000	SURCHARGED
60 minute summer	FC67	47	184.956	0.156	2.2	1.6112	0.0000	SURCHARGED
60 minute summer	FC68	40	185.191	0.641	2.2	1.0187	0.0000	SURCHARGED
60 minute summer	J1	34	188.294	0.094	6.6	0.1264	0.0000	OK
60 minute summer	J2	33	188.223	0.117	7.1	0.1328	0.0000	SURCHARGED
60 minute summer	J3	36	188.129	0.083	7.9	0.0933	0.0000	OK
60 minute summer	J4	36	188.095	0.060	8.7	0.0675	0.0000	OK
60 minute summer	J5	36	187.962	0.052	9.5	0.0587	0.0000	OK
60 minute summer	J6	36	187.736	0.086	10.3	0.0976	0.0000	OK
60 minute summer	J7	36	187.698	0.098	11.1	0.1113	0.0000	OK
60 minute summer	J8	36	187.664	0.071	11.8	0.0800	0.0000	OK
60 minute summer	J9	36	187.369	0.094	12.6	0.1059	0.0000	OK
60 minute summer	J10	37	187.327	0.057	13.2	0.0639	0.0000	OK
60 minute summer	J11	37	187.204	0.083	14.2	0.0937	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC65	67.000	J55	0.8	0.754	0.044	0.0059
60 minute summer	FC66	68.000	S24	0.8	0.577	0.112	0.0030
60 minute summer	FC67	69.000	J56	0.4	0.407	0.064	0.0019
60 minute summer	FC68	70.000	J57	0.8	0.675	0.088	0.0027
60 minute summer	J1	1.001	J2	6.4	0.827	0.772	0.0388
60 minute summer	J2	1.002	J3	7.1	0.913	1.200	0.0078
60 minute summer	J3	1.003	J4	7.9	0.966	0.596	0.0160
60 minute summer	J4	1.004	J5	8.7	1.460	0.259	0.0211
60 minute summer	J5	1.005	J6	9.5	1.206	0.248	0.0451
60 minute summer	J6	1.006	J7	10.3	0.903	0.361	0.0224
60 minute summer	J7	1.007	J8	11.0	1.080	0.793	0.0115
60 minute summer	J8	1.008	J9	11.8	1.528	0.392	0.0656
60 minute summer	J9	1.009	J10	12.4	1.068	0.371	0.0141
60 minute summer	J10	1.010	J11	13.4	1.305	0.104	0.0257
60 minute summer	J11	1.011	S2	14.2	0.752	0.221	0.1042

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J12	34	186.908	0.099	21.0	0.1124	0.0000	OK
60 minute summer	J13	35	186.874	0.172	21.3	0.1946	0.0000	OK
60 minute summer	J14	35	186.856	0.161	22.0	0.1820	0.0000	OK
60 minute summer	J15	35	186.831	0.143	22.7	0.1615	0.0000	OK
60 minute summer	J16	35	186.786	0.116	23.5	0.1315	0.0000	OK
60 minute summer	J17	35	186.445	0.087	24.3	0.0981	0.0000	OK
60 minute summer	J18	35	186.296	0.102	29.0	0.1151	0.0000	OK
60 minute summer	J19	35	186.185	0.158	29.8	0.1782	0.0000	OK
60 minute summer	J20	44	185.963	0.032	1.2	0.0364	0.0000	OK
60 minute summer	J21	44	185.935	0.040	2.0	0.0456	0.0000	OK
60 minute summer	J22	44	185.872	0.054	2.8	0.0612	0.0000	OK
60 minute summer	J23	45	185.838	0.055	3.2	0.0626	0.0000	OK
60 minute summer	J24	134	185.798	0.148	9.1	0.1676	0.0000	OK
60 minute summer	J25	134	185.797	0.182	9.9	0.2060	0.0000	SURCHARGED
60 minute summer	J26	133	185.798	0.211	10.7	0.2391	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J12	1.013	J13	21.0	0.841	0.314	0.1599
60 minute summer	J13	1.014	J14	21.2	0.675	0.676	0.0597
60 minute summer	J14	1.015	J15	22.0	0.772	0.703	0.0545
60 minute summer	J15	1.016	J16	22.8	0.963	0.744	0.1211
60 minute summer	J16	1.017	J17	23.6	1.272	0.391	0.0623
60 minute summer	J17	1.018	S3	24.4	1.174	0.167	0.0394
60 minute summer	J18	1.020	J19	29.0	1.955	0.223	0.0228
60 minute summer	J19	1.021	S4	29.9	0.885	0.541	0.1483
60 minute summer	J20	23.002	J21	1.2	0.462	0.201	0.0097
60 minute summer	J21	23.003	J22	2.0	0.547	0.336	0.0292
60 minute summer	J22	23.004	J23	2.8	0.639	0.470	0.0157
60 minute summer	J23	23.005	S18	3.2	0.743	0.539	0.0347
60 minute summer	J24	23.007	J25	9.1	0.650	0.687	0.1087
60 minute summer	J25	23.008	J26	9.9	0.692	0.748	0.0874
60 minute summer	J26	23.009	S19	10.7	0.820	0.804	0.0652

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J27	134	185.813	0.352	17.0	0.3979	0.0000	SURCHARGED
60 minute summer	J28	35	186.531	0.175	6.7	0.1975	0.0000	SURCHARGED
60 minute summer	J29	36	186.403	0.132	7.3	0.1497	0.0000	SURCHARGED
60 minute summer	J30	36	186.252	0.105	8.9	0.1190	0.0000	OK
60 minute summer	J31	37	186.223	0.104	9.6	0.1172	0.0000	OK
60 minute summer	J32	36	186.164	0.100	10.5	0.1130	0.0000	OK
60 minute summer	J33	35	185.678	0.068	15.0	0.0769	0.0000	OK
60 minute summer	J34	34	185.247	0.122	21.3	0.1377	0.0000	OK
60 minute summer	J35	34	185.159	0.084	22.1	0.0947	0.0000	OK
60 minute summer	J36	34	185.002	0.127	22.9	0.1434	0.0000	OK
60 minute summer	J37	34	184.719	0.144	27.6	0.1627	0.0000	OK
60 minute summer	J38	34	184.584	0.209	30.5	0.2364	0.0000	OK
60 minute summer	J39	34	184.532	0.194	31.2	0.2194	0.0000	OK
60 minute summer	J40	34	184.489	0.164	33.2	0.1857	0.0000	OK
60 minute summer	J41	33	184.642	0.045	2.2	0.0504	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J27	23.011	S4	17.0	0.812	0.571	0.0951
60 minute summer	J28	32.001	J29	6.5	0.831	1.098	0.0691
60 minute summer	J29	32.002	S12	7.3	0.933	1.224	0.0349
60 minute summer	J30	32.004	J31	8.8	0.676	0.667	0.0651
60 minute summer	J31	32.005	J32	9.6	0.759	0.726	0.1239
60 minute summer	J32	32.006	S13	10.5	1.020	0.787	0.0557
60 minute summer	J33	32.008	S14	15.0	1.108	0.422	0.1151
60 minute summer	J34	32.010	J35	21.3	1.209	0.553	0.1595
60 minute summer	J35	32.011	J36	22.1	1.213	0.248	0.1253
60 minute summer	J36	32.012	S15	22.9	1.244	0.762	0.0441
60 minute summer	J37	32.014	S16	27.6	1.316	0.906	0.1086
60 minute summer	J38	32.016	J39	30.4	0.810	1.007	0.4051
60 minute summer	J39	32.017	J40	31.1	0.917	1.009	0.1233
60 minute summer	J40	32.018	S10	33.1	1.136	0.769	0.2791
60 minute summer	J41	48.002	J42	2.2	0.600	0.367	0.0226

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J42	34	184.587	0.050	3.0	0.0566	0.0000	OK
60 minute summer	J43	34	184.446	0.086	5.6	0.0977	0.0000	OK
60 minute summer	J44	35	184.435	0.085	6.3	0.0962	0.0000	OK
60 minute summer	J45	35	184.422	0.122	7.1	0.1375	0.0000	OK
60 minute summer	J46	35	184.395	0.123	10.6	0.1396	0.0000	OK
60 minute summer	J47	35	184.366	0.118	11.4	0.1338	0.0000	OK
60 minute summer	J48	35	184.296	0.142	14.2	0.1604	0.0000	OK
60 minute summer	J49	36	184.283	0.154	14.9	0.1738	0.0000	OK
60 minute summer	J50	36	184.273	0.148	15.7	0.1675	0.0000	OK
60 minute summer	J51	36	184.258	0.150	16.4	0.1701	0.0000	OK
60 minute summer	J52	36	184.244	0.140	17.3	0.1587	0.0000	OK
60 minute summer	J53	35	184.219	0.132	18.1	0.1490	0.0000	OK
60 minute summer	J54	34	185.032	0.053	2.6	0.0595	0.0000	OK
60 minute summer	J55	35	185.002	0.058	3.4	0.0655	0.0000	OK
60 minute summer	J56	35	184.148	0.181	29.9	0.2050	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J42	48.003	S21	3.0	0.576	0.503	0.0418
60 minute summer	J43	48.005	J44	5.6	0.562	0.398	0.0167
60 minute summer	J44	48.006	J45	6.3	0.507	0.472	0.1123
60 minute summer	J45	48.007	S22	7.1	0.486	0.524	0.0372
60 minute summer	J46	48.009	J47	10.6	0.699	0.796	0.0641
60 minute summer	J47	48.010	S23	11.4	0.834	0.856	0.0360
60 minute summer	J48	48.012	J49	14.1	0.516	0.473	0.2056
60 minute summer	J49	48.013	J50	14.9	0.527	0.485	0.0321
60 minute summer	J50	48.014	J51	15.6	0.560	0.523	0.1418
60 minute summer	J51	48.015	J52	16.4	0.607	0.537	0.0308
60 minute summer	J52	48.016	J53	17.3	0.691	0.567	0.1222
60 minute summer	J53	48.017	S24	18.1	0.831	0.602	0.2284
60 minute summer	J54	65.002	J55	2.6	0.594	0.444	0.0161
60 minute summer	J55	65.003	S24	3.4	0.755	0.580	0.0356
60 minute summer	J56	48.019	J57	29.9	0.687	0.552	0.3964

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Results for 30 year +35% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J57	35	184.120	0.175	30.7	0.1983	0.0000	OK
60 minute summer	BASIN 1	118	185.779	0.779	48.6	98.8892	0.0000	SURCHARGED
60 minute summer	BASIN 2	300	184.472	0.172	1.5	15.5589	0.0000	OK
60 minute summer	BASIN 3	148	183.196	0.096	39.1	66.9532	0.0000	OK
60 minute summer	BASIN 4	153	183.862	0.532	31.1	73.5331	0.0000	SURCHARGED
60 minute summer	SWALE 1	122	184.963	0.031	1.2	0.0354	0.0000	OK
60 minute summer	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWALE 3	35	184.236	0.166	39.2	0.1881	0.0000	OK
60 minute summer	BH1	300	184.472	0.395	1.0	1.9479	0.0000	OK
60 minute summer	BH2	131	183.197	0.145	4.6	2.3254	0.0000	OK
60 minute summer	BH3	153	183.862	0.556	6.5	4.1991	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J57	48.020	S25	30.7	0.759	0.569	0.3201
60 minute summer	BASIN 1	1.023	S5	1.6	0.243	0.030	0.6013
60 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
60 minute summer	BASIN 2	71.000	BH1	1.0	0.530	0.173	0.1829
60 minute summer	BASIN 3	1.034	BH2	4.6	0.562	0.056	0.8298
60 minute summer	BASIN 4	48.022	BH3	6.5	0.739	0.122	0.7181
60 minute summer	SWALE 1	1.025	S6	1.2	0.314	0.023	0.1487
60 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
60 minute summer	SWALE 3	1.033	BASIN 3	39.1	1.029	0.564	1.6432
60 minute summer	BH1	Infiltration		0.1			
60 minute summer	BH2	Infiltration		0.2			
60 minute summer	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S1	33	188.407	0.037	2.5	0.0495	0.0000	OK
60 minute winter	S2	35	187.174	0.135	18.8	0.1980	0.0000	OK
60 minute winter	S3	35	186.355	0.143	26.5	0.1856	0.0000	OK
60 minute winter	S4	120	185.857	0.479	44.5	0.5689	0.0000	SURCHARGED
60 minute winter	S5	128	185.857	0.877	1.7	0.9914	0.0000	SURCHARGED
60 minute winter	S6	131	184.877	0.033	1.3	0.0370	0.0000	OK
60 minute winter	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
60 minute winter	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
60 minute winter	S9	35	184.300	0.100	0.3	0.1133	0.0000	OK
60 minute winter	S10	35	184.300	0.116	35.1	0.1773	0.0000	OK
60 minute winter	S11	35	186.539	0.139	5.6	0.2266	0.0000	SURCHARGED
60 minute winter	S12	37	186.271	0.095	7.5	0.1076	0.0000	OK
60 minute winter	S13	35	186.105	0.071	13.3	0.1015	0.0000	OK
60 minute winter	S14	34	185.422	0.172	19.0	0.2703	0.0000	SURCHARGED
60 minute winter	S15	35	184.949	0.082	24.3	0.1148	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	S1	1.000	J1	2.5	0.599	0.286	0.0344
60 minute winter	S2	1.012	J12	18.8	0.838	0.629	0.0335
60 minute winter	S3	1.019	J18	26.5	1.228	0.867	0.1106
60 minute winter	S4	1.022	BASIN 1	44.5	1.878	0.266	1.1778
60 minute winter	S5	1.024	SWALE 1	1.3	0.320	0.024	0.0823
60 minute winter	S6	1.026	BASIN 2	1.3	0.360	0.024	0.0206
60 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
60 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.1237
60 minute winter	S9	1.031	S10	-0.3	-0.105	-0.006	0.1530
60 minute winter	S10	1.032	SWALE 3	35.0	1.141	0.194	0.1351
60 minute winter	S11	32.000	J28	5.3	0.717	0.894	0.0355
60 minute winter	S12	32.003	J30	7.5	0.616	0.559	0.0617
60 minute winter	S13	32.007	J33	13.3	1.695	0.411	0.1018
60 minute winter	S14	32.009	J34	19.0	1.087	1.095	0.0876
60 minute winter	S15	32.013	J37	24.2	1.276	0.262	0.1776

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S16	34	184.644	0.087	26.6	0.1102	0.0000	OK
60 minute winter	S17	49	186.018	0.018	0.4	0.0203	0.0000	OK
60 minute winter	S18	134	185.859	0.197	7.6	0.2790	0.0000	SURCHARGED
60 minute winter	S19	134	185.859	0.368	14.5	0.5036	0.0000	SURCHARGED
60 minute winter	S20	35	184.684	0.042	1.9	0.0506	0.0000	OK
60 minute winter	S21	34	184.529	0.070	4.4	0.0829	0.0000	OK
60 minute winter	S22	35	184.407	0.121	9.2	0.1480	0.0000	OK
60 minute winter	S23	36	184.299	0.141	12.7	0.1670	0.0000	OK
60 minute winter	S24	35	184.161	0.184	28.1	0.2667	0.0000	OK
60 minute winter	S25	36	184.081	0.155	29.1	0.1754	0.0000	OK
60 minute winter	S26	34	185.408	0.031	1.7	0.0369	0.0000	OK
60 minute winter	FC1	45	188.925	0.675	2.2	1.5512	0.0000	SURCHARGED
60 minute winter	FC2	45	188.824	0.674	2.2	1.5704	0.0000	SURCHARGED
60 minute winter	FC3	49	188.907	0.707	3.6	3.1249	0.0000	FLOOD RISK
60 minute winter	FC4	43	188.845	0.645	1.8	1.0910	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	S16	32.015	J38	26.6	1.039	0.181	0.0576
60 minute winter	S17	23.001	J20	0.4	0.382	0.070	0.0113
60 minute winter	S18	23.006	J24	7.5	0.591	0.549	0.0323
60 minute winter	S19	23.010	J27	14.5	0.665	0.483	0.3541
60 minute winter	S20	48.001	J41	1.9	0.625	0.320	0.0141
60 minute winter	S21	48.004	J43	4.4	0.787	0.740	0.0284
60 minute winter	S22	48.008	J46	9.2	0.616	0.687	0.0366
60 minute winter	S23	48.011	J48	12.7	0.495	0.411	0.0289
60 minute winter	S24	48.018	J56	28.1	0.639	0.524	0.1867
60 minute winter	S25	48.021	BASIN 4	29.1	0.880	0.528	0.1057
60 minute winter	S26	65.001	J54	1.7	0.840	0.190	0.0169
60 minute winter	FC1	2.000	J1	0.8	0.574	0.132	0.0172
60 minute winter	FC2	3.000	J2	0.9	0.359	0.153	0.0301
60 minute winter	FC3	4.000	J3	0.8	0.555	0.131	0.0155
60 minute winter	FC4	5.000	J4	0.8	0.618	0.105	0.0095

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC5	45	188.669	0.668	2.2	1.5556	0.0000	SURCHARGED
60 minute winter	FC6	43	188.498	0.648	1.8	1.0885	0.0000	SURCHARGED
60 minute winter	FC7	43	188.398	0.648	1.8	1.0907	0.0000	SURCHARGED
60 minute winter	FC8	45	188.421	0.671	2.2	1.5474	0.0000	SURCHARGED
60 minute winter	FC9	43	188.118	0.648	1.8	1.0932	0.0000	SURCHARGED
60 minute winter	FC10	48	188.169	0.699	3.1	2.5612	0.0000	SURCHARGED
60 minute winter	FC11	44	187.980	0.660	2.0	1.3274	0.0000	SURCHARGED
60 minute winter	FC12	44	187.891	0.661	2.0	1.3272	0.0000	SURCHARGED
60 minute winter	FC13	45	187.676	0.676	2.2	1.5522	0.0000	SURCHARGED
60 minute winter	FC14	51	187.087	0.187	2.2	2.3925	0.0000	SURCHARGED
60 minute winter	FC15	43	187.849	0.648	1.8	1.0833	0.0000	SURCHARGED
60 minute winter	FC16	43	187.549	0.649	1.8	1.0920	0.0000	SURCHARGED
60 minute winter	FC17	43	187.649	0.649	1.8	1.0855	0.0000	SURCHARGED
60 minute winter	FC18	43	187.200	0.650	1.8	1.0930	0.0000	SURCHARGED
60 minute winter	FC19	45	187.076	0.676	2.2	1.5523	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC5	6.000	J5	0.8	0.515	0.137	0.0065
60 minute winter	FC6	7.000	J6	0.8	0.680	0.092	0.0122
60 minute winter	FC7	8.000	J7	0.8	0.585	0.113	0.0172
60 minute winter	FC8	9.000	J8	0.8	0.733	0.084	0.0047
60 minute winter	FC9	10.000	J9	0.8	0.520	0.134	0.0111
60 minute winter	FC10	11.000	J10	0.8	0.566	0.125	0.0091
60 minute winter	FC11	12.000	J11	0.8	0.519	0.136	0.0120
60 minute winter	FC12	13.000	S2	0.8	0.519	0.136	0.0107
60 minute winter	FC13	14.000	J12	0.8	0.521	0.137	0.0107
60 minute winter	FC14	15.000	J13	0.4	0.431	0.070	0.0143
60 minute winter	FC15	16.000	J14	0.8	1.106	0.046	0.0063
60 minute winter	FC16	17.000	J15	0.8	0.552	0.123	0.0110
60 minute winter	FC17	18.000	J16	0.8	0.877	0.064	0.0044
60 minute winter	FC18	19.000	J17	0.8	0.517	0.135	0.0108
60 minute winter	FC19	20.000	S3	0.8	0.519	0.138	0.0104

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC20	45	187.620	0.670	2.2	1.5435	0.0000	SURCHARGED
60 minute winter	FC21	45	186.971	0.671	2.2	1.5537	0.0000	SURCHARGED
60 minute winter	FC22	48	186.632	0.181	1.8	1.7643	0.0000	SURCHARGED
60 minute winter	FC23	43	186.948	0.648	1.8	1.0927	0.0000	SURCHARGED
60 minute winter	FC24	45	186.972	0.672	2.2	1.5507	0.0000	SURCHARGED
60 minute winter	FC25	45	187.221	0.671	2.2	1.5432	0.0000	SURCHARGED
60 minute winter	FC26	48	186.626	0.176	1.8	1.7777	0.0000	SURCHARGED
60 minute winter	FC27	43	187.146	0.646	1.8	1.0838	0.0000	SURCHARGED
60 minute winter	FC28	45	187.169	0.669	2.2	1.5438	0.0000	SURCHARGED
60 minute winter	FC29	46	187.180	0.680	2.5	1.7974	0.0000	SURCHARGED
60 minute winter	FC30	45	187.420	0.670	2.2	1.5441	0.0000	SURCHARGED
60 minute winter	FC31	43	187.097	0.647	1.8	1.0922	0.0000	SURCHARGED
60 minute winter	FC32	43	187.098	0.648	1.8	1.0853	0.0000	SURCHARGED
60 minute winter	FC33	45	187.124	0.673	2.2	1.5426	0.0000	SURCHARGED
60 minute winter	FC34	45	187.124	0.674	2.2	1.5525	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC20	21.000	J18	0.8	1.049	0.051	0.0034
60 minute winter	FC21	22.000	J19	0.8	0.520	0.138	0.0119
60 minute winter	FC22	23.000	S17	0.4	0.617	0.022	0.0033
60 minute winter	FC23	24.000	J20	0.8	0.537	0.126	0.0068
60 minute winter	FC24	25.000	J21	0.8	0.607	0.109	0.0062
60 minute winter	FC25	26.000	J22	0.8	1.041	0.052	0.0037
60 minute winter	FC26	27.000	J23	0.4	0.751	0.031	0.0025
60 minute winter	FC27	28.000	J24	0.8	1.141	0.044	0.0032
60 minute winter	FC28	29.000	J25	0.8	1.046	0.051	0.0034
60 minute winter	FC29	30.000	J26	0.8	1.020	0.054	0.0038
60 minute winter	FC30	31.000	J27	0.8	0.976	0.056	0.0037
60 minute winter	FC31	33.000	J28	1.0	0.541	0.110	0.0234
60 minute winter	FC32	34.000	J29	0.8	0.413	0.064	0.0181
60 minute winter	FC33	35.000	S12	0.8	0.959	0.058	0.0088
60 minute winter	FC34	36.000	J30	0.8	0.533	0.132	0.0073

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC35	45	187.120	0.670	2.2	1.5438	0.0000	SURCHARGED
60 minute winter	FC36	46	187.126	0.675	2.5	1.7990	0.0000	SURCHARGED
60 minute winter	FC37	47	186.495	0.695	2.9	2.2873	0.0000	SURCHARGED
60 minute winter	FC38	50	185.602	0.152	1.8	1.8323	0.0000	SURCHARGED
60 minute winter	FC39	43	186.093	0.643	1.8	1.0859	0.0000	SURCHARGED
60 minute winter	FC40	45	186.127	0.627	2.2	1.5665	0.0000	SURCHARGED
60 minute winter	FC41	45	185.516	0.666	2.2	1.5485	0.0000	SURCHARGED
60 minute winter	FC42	45	185.266	0.666	2.2	1.5500	0.0000	SURCHARGED
60 minute winter	FC43	45	185.232	0.632	2.2	1.5596	0.0000	SURCHARGED
60 minute winter	FC44	33	184.629	0.029	1.8	0.0370	0.0000	OK
60 minute winter	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC46	48	185.399	0.699	3.1	2.5626	0.0000	SURCHARGED
60 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC48	45	185.471	0.671	2.2	1.5435	0.0000	SURCHARGED
60 minute winter	FC49	45	185.472	0.672	2.2	1.5543	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC35	37.000	J31	0.8	0.961	0.057	0.0119
60 minute winter	FC36	38.000	J32	0.8	1.035	0.052	0.0109
60 minute winter	FC37	39.000	J33	0.8	0.696	0.094	0.0078
60 minute winter	FC38	40.000	J34	0.4	0.705	0.030	0.0025
60 minute winter	FC39	41.000	J35	0.8	0.968	0.055	0.0037
60 minute winter	FC40	42.000	J36	0.8	1.181	0.041	0.0034
60 minute winter	FC41	43.000	J37	0.8	0.776	0.077	0.0053
60 minute winter	FC42	44.000	J38	0.8	0.675	0.094	0.0160
60 minute winter	FC43	45.000	J39	0.8	0.784	0.073	0.0115
60 minute winter	FC44	46.000	J40	1.8	1.011	0.160	0.0078
60 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
60 minute winter	FC46	48.000	S20	0.8	0.508	0.140	0.0138
60 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0080
60 minute winter	FC48	50.000	J42	0.8	0.619	0.058	0.0112
60 minute winter	FC49	51.000	S21	0.8	0.516	0.137	0.0069

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC50	45	185.473	0.673	2.2	1.5539	0.0000	SURCHARGED
60 minute winter	FC51	45	185.517	0.667	2.2	1.5556	0.0000	SURCHARGED
60 minute winter	FC52	46	185.932	0.682	2.7	2.0480	0.0000	SURCHARGED
60 minute winter	FC53	45	185.921	0.671	2.2	1.5485	0.0000	SURCHARGED
60 minute winter	FC54	43	185.897	0.647	1.8	1.0872	0.0000	SURCHARGED
60 minute winter	FC55	43	185.896	0.646	1.8	1.0851	0.0000	SURCHARGED
60 minute winter	FC56	45	186.019	0.669	2.2	1.5437	0.0000	SURCHARGED
60 minute winter	FC57	45	186.021	0.671	2.2	1.5438	0.0000	SURCHARGED
60 minute winter	FC58	43	185.996	0.646	1.8	1.0855	0.0000	SURCHARGED
60 minute winter	FC59	43	185.998	0.648	1.8	1.0858	0.0000	SURCHARGED
60 minute winter	FC60	45	186.022	0.671	2.2	1.5452	0.0000	SURCHARGED
60 minute winter	FC61	45	185.972	0.672	2.2	1.5484	0.0000	SURCHARGED
60 minute winter	FC62	48	185.955	0.705	3.3	2.8391	0.0000	FLOOD RISK
60 minute winter	FC63	43	186.048	0.648	1.8	1.0945	0.0000	SURCHARGED
60 minute winter	FC64	44	185.814	0.814	2.2	1.4926	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC50	52.000	J43	0.8	0.516	0.137	0.0074
60 minute winter	FC51	55.000	S22	0.8	0.518	0.137	0.0096
60 minute winter	FC52	58.000	S23	0.8	0.758	0.082	0.0059
60 minute winter	FC53	61.000	J50	0.8	0.710	0.088	0.0049
60 minute winter	FC54	62.000	J51	0.8	0.783	0.074	0.0041
60 minute winter	FC55	64.000	J53	0.8	0.990	0.054	0.0034
60 minute winter	FC56	53.000	J44	0.8	1.029	0.053	0.0052
60 minute winter	FC57	54.000	J45	0.8	0.965	0.058	0.0055
60 minute winter	FC58	56.000	J46	0.8	0.922	0.060	0.0054
60 minute winter	FC59	57.000	J47	0.8	0.855	0.067	0.0060
60 minute winter	FC60	59.000	J48	0.8	0.850	0.069	0.0063
60 minute winter	FC61	60.000	J49	0.8	0.682	0.094	0.0088
60 minute winter	FC62	63.000	J52	0.8	0.632	0.109	0.0124
60 minute winter	FC63	65.000	S26	0.8	0.539	0.135	0.0044
60 minute winter	FC64	66.000	J54	0.9	0.379	0.152	0.0067

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC65	45	185.824	0.674	2.2	1.5406	0.0000	SURCHARGED
60 minute winter	FC66	45	185.674	0.674	2.2	1.5513	0.0000	SURCHARGED
60 minute winter	FC67	50	184.974	0.174	1.8	1.7950	0.0000	SURCHARGED
60 minute winter	FC68	43	185.197	0.647	1.8	1.0893	0.0000	SURCHARGED
60 minute winter	J1	33	188.269	0.069	5.8	0.0934	0.0000	OK
60 minute winter	J2	34	188.215	0.109	6.5	0.1230	0.0000	SURCHARGED
60 minute winter	J3	34	188.125	0.079	7.3	0.0892	0.0000	OK
60 minute winter	J4	34	188.092	0.057	8.1	0.0645	0.0000	OK
60 minute winter	J5	34	187.960	0.050	8.9	0.0563	0.0000	OK
60 minute winter	J6	35	187.732	0.082	9.6	0.0932	0.0000	OK
60 minute winter	J7	35	187.695	0.095	10.4	0.1075	0.0000	OK
60 minute winter	J8	35	187.661	0.068	11.2	0.0774	0.0000	OK
60 minute winter	J9	35	187.367	0.092	12.0	0.1043	0.0000	OK
60 minute winter	J10	35	187.325	0.055	12.8	0.0620	0.0000	OK
60 minute winter	J11	35	187.201	0.080	13.6	0.0900	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC65	67.000	J55	0.8	0.712	0.044	0.0058
60 minute winter	FC66	68.000	S24	0.8	0.578	0.113	0.0030
60 minute winter	FC67	69.000	J56	0.4	0.414	0.068	0.0020
60 minute winter	FC68	70.000	J57	0.8	0.676	0.089	0.0027
60 minute winter	J1	1.001	J2	5.8	0.787	0.696	0.0341
60 minute winter	J2	1.002	J3	6.5	0.843	1.097	0.0076
60 minute winter	J3	1.003	J4	7.3	0.942	0.550	0.0151
60 minute winter	J4	1.004	J5	8.1	1.436	0.240	0.0199
60 minute winter	J5	1.005	J6	8.9	1.188	0.232	0.0426
60 minute winter	J6	1.006	J7	9.6	0.889	0.338	0.0213
60 minute winter	J7	1.007	J8	10.4	1.061	0.747	0.0111
60 minute winter	J8	1.008	J9	11.2	1.508	0.371	0.0629
60 minute winter	J9	1.009	J10	12.0	1.065	0.359	0.0137
60 minute winter	J10	1.010	J11	12.8	1.290	0.099	0.0245
60 minute winter	J11	1.011	S2	13.6	0.736	0.211	0.1001

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J12	35	186.903	0.094	19.6	0.1065	0.0000	OK
60 minute winter	J13	35	186.868	0.165	19.9	0.1872	0.0000	OK
60 minute winter	J14	35	186.850	0.155	20.7	0.1752	0.0000	OK
60 minute winter	J15	35	186.826	0.138	21.5	0.1556	0.0000	OK
60 minute winter	J16	35	186.782	0.112	22.3	0.1270	0.0000	OK
60 minute winter	J17	35	186.441	0.083	23.0	0.0938	0.0000	OK
60 minute winter	J18	35	186.292	0.098	27.3	0.1106	0.0000	OK
60 minute winter	J19	35	186.179	0.152	28.1	0.1723	0.0000	OK
60 minute winter	J20	48	185.964	0.033	1.2	0.0369	0.0000	OK
60 minute winter	J21	47	185.936	0.041	2.0	0.0461	0.0000	OK
60 minute winter	J22	47	185.873	0.055	2.8	0.0618	0.0000	OK
60 minute winter	J23	134	185.859	0.076	3.3	0.0861	0.0000	OK
60 minute winter	J24	134	185.859	0.209	8.3	0.2358	0.0000	SURCHARGED
60 minute winter	J25	134	185.859	0.244	9.1	0.2756	0.0000	SURCHARGED
60 minute winter	J26	170	185.859	0.272	9.9	0.3077	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J12	1.013	J13	19.6	0.827	0.292	0.1522
60 minute winter	J13	1.014	J14	19.9	0.659	0.635	0.0573
60 minute winter	J14	1.015	J15	20.7	0.758	0.663	0.0523
60 minute winter	J15	1.016	J16	21.5	0.949	0.702	0.1159
60 minute winter	J16	1.017	J17	22.2	1.255	0.369	0.0596
60 minute winter	J17	1.018	S3	23.0	1.160	0.158	0.0376
60 minute winter	J18	1.020	J19	27.3	1.952	0.210	0.0213
60 minute winter	J19	1.021	S4	28.1	0.869	0.509	0.1421
60 minute winter	J20	23.002	J21	1.2	0.466	0.206	0.0098
60 minute winter	J21	23.003	J22	2.0	0.550	0.342	0.0295
60 minute winter	J22	23.004	J23	2.8	0.640	0.477	0.0171
60 minute winter	J23	23.005	S18	3.3	0.747	0.550	0.0533
60 minute winter	J24	23.007	J25	8.3	0.636	0.624	0.1088
60 minute winter	J25	23.008	J26	9.1	0.675	0.684	0.0874
60 minute winter	J26	23.009	S19	9.9	0.799	0.743	0.0652

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J27	172	185.867	0.406	15.3	0.4588	0.0000	SURCHARGED
60 minute winter	J28	36	186.492	0.136	5.9	0.1541	0.0000	SURCHARGED
60 minute winter	J29	36	186.387	0.116	6.7	0.1315	0.0000	SURCHARGED
60 minute winter	J30	37	186.247	0.100	8.3	0.1133	0.0000	OK
60 minute winter	J31	37	186.218	0.099	9.1	0.1121	0.0000	OK
60 minute winter	J32	37	186.161	0.097	9.9	0.1093	0.0000	OK
60 minute winter	J33	35	185.676	0.066	14.1	0.0741	0.0000	OK
60 minute winter	J34	34	185.240	0.115	19.3	0.1300	0.0000	OK
60 minute winter	J35	34	185.154	0.079	20.1	0.0890	0.0000	OK
60 minute winter	J36	37	184.999	0.124	20.8	0.1398	0.0000	OK
60 minute winter	J37	34	184.711	0.136	25.0	0.1537	0.0000	OK
60 minute winter	J38	34	184.565	0.190	27.4	0.2144	0.0000	OK
60 minute winter	J39	34	184.517	0.179	28.2	0.2024	0.0000	OK
60 minute winter	J40	34	184.477	0.152	29.9	0.1716	0.0000	OK
60 minute winter	J41	35	184.638	0.041	1.9	0.0464	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J27	23.011	S4	15.3	0.785	0.511	0.0951
60 minute winter	J28	32.001	J29	5.9	0.752	0.994	0.0691
60 minute winter	J29	32.002	S12	6.7	0.861	1.123	0.0344
60 minute winter	J30	32.004	J31	8.3	0.666	0.623	0.0618
60 minute winter	J31	32.005	J32	9.1	0.746	0.683	0.1186
60 minute winter	J32	32.006	S13	9.9	0.999	0.743	0.0535
60 minute winter	J33	32.008	S14	14.1	1.079	0.395	0.1135
60 minute winter	J34	32.010	J35	19.3	1.181	0.500	0.1477
60 minute winter	J35	32.011	J36	20.1	1.175	0.225	0.1188
60 minute winter	J36	32.012	S15	21.5	1.239	0.718	0.0417
60 minute winter	J37	32.014	S16	24.9	1.269	0.818	0.1018
60 minute winter	J38	32.016	J39	27.4	0.787	0.908	0.3764
60 minute winter	J39	32.017	J40	28.2	0.901	0.915	0.1140
60 minute winter	J40	32.018	S10	29.9	1.114	0.694	0.2566
60 minute winter	J41	48.002	J42	1.9	0.571	0.321	0.0208

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J42	35	184.584	0.047	2.7	0.0536	0.0000	OK
60 minute winter	J43	34	184.442	0.082	5.2	0.0922	0.0000	OK
60 minute winter	J44	35	184.430	0.080	6.0	0.0899	0.0000	OK
60 minute winter	J45	35	184.415	0.115	6.7	0.1300	0.0000	OK
60 minute winter	J46	35	184.390	0.118	10.0	0.1332	0.0000	OK
60 minute winter	J47	35	184.362	0.114	10.8	0.1288	0.0000	OK
60 minute winter	J48	36	184.291	0.137	13.5	0.1550	0.0000	OK
60 minute winter	J49	36	184.278	0.149	14.2	0.1688	0.0000	OK
60 minute winter	J50	36	184.269	0.144	15.0	0.1626	0.0000	OK
60 minute winter	J51	36	184.254	0.146	15.8	0.1653	0.0000	OK
60 minute winter	J52	36	184.240	0.136	16.6	0.1542	0.0000	OK
60 minute winter	J53	36	184.215	0.128	17.4	0.1444	0.0000	OK
60 minute winter	J54	34	185.030	0.051	2.5	0.0578	0.0000	OK
60 minute winter	J55	35	185.001	0.057	3.3	0.0642	0.0000	OK
60 minute winter	J56	35	184.142	0.175	28.4	0.1983	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J42	48.003	S21	2.7	0.570	0.458	0.0388
60 minute winter	J43	48.005	J44	5.2	0.553	0.369	0.0155
60 minute winter	J44	48.006	J45	5.9	0.507	0.445	0.1051
60 minute winter	J45	48.007	S22	6.7	0.486	0.497	0.0354
60 minute winter	J46	48.009	J47	10.0	0.686	0.750	0.0615
60 minute winter	J47	48.010	S23	10.8	0.819	0.809	0.0347
60 minute winter	J48	48.012	J49	13.4	0.507	0.449	0.1984
60 minute winter	J49	48.013	J50	14.2	0.521	0.463	0.0311
60 minute winter	J50	48.014	J51	15.0	0.556	0.502	0.1372
60 minute winter	J51	48.015	J52	15.8	0.602	0.515	0.0298
60 minute winter	J52	48.016	J53	16.6	0.686	0.545	0.1180
60 minute winter	J53	48.017	S24	17.4	0.822	0.576	0.2169
60 minute winter	J54	65.002	J55	2.5	0.585	0.424	0.0157
60 minute winter	J55	65.003	S24	3.3	0.750	0.563	0.0348
60 minute winter	J56	48.019	J57	28.4	0.676	0.523	0.3813

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Results for 30 year +35% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J57	35	184.115	0.170	29.1	0.1922	0.0000	OK
60 minute winter	BASIN 1	128	185.857	0.857	44.5	110.4092	0.0000	SURCHARGED
60 minute winter	BASIN 2	300	184.482	0.182	1.6	16.4772	0.0000	OK
60 minute winter	BASIN 3	156	183.208	0.108	35.0	75.2516	0.0000	OK
60 minute winter	BASIN 4	161	183.921	0.591	29.6	82.7001	0.0000	SURCHARGED
60 minute winter	SWALE 1	130	184.964	0.032	1.3	0.0363	0.0000	OK
60 minute winter	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
60 minute winter	SWALE 3	35	184.225	0.155	35.0	0.1756	0.0000	OK
60 minute winter	BH1	300	184.482	0.405	1.1	1.9758	0.0000	OK
60 minute winter	BH2	140	183.209	0.157	5.1	2.3845	0.0000	OK
60 minute winter	BH3	163	183.921	0.615	7.5	4.4768	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J57	48.020	S25	29.1	0.748	0.539	0.3083
60 minute winter	BASIN 1	1.023	S5	1.7	0.261	0.031	0.6013
60 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
60 minute winter	BASIN 2	71.000	BH1	1.1	0.534	0.179	0.1829
60 minute winter	BASIN 3	1.034	BH2	5.1	0.553	0.061	0.9417
60 minute winter	BASIN 4	48.022	BH3	7.5	0.795	0.140	0.7181
60 minute winter	SWALE 1	1.025	S6	1.3	0.318	0.024	0.1537
60 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
60 minute winter	SWALE 3	1.033	BASIN 3	35.0	0.997	0.505	1.5164
60 minute winter	BH1	Infiltration		0.1			
60 minute winter	BH2	Infiltration		0.2			
60 minute winter	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S1	64	188.403	0.033	2.0	0.0441	0.0000	OK
120 minute summer	S2	66	187.164	0.125	16.4	0.1836	0.0000	OK
120 minute summer	S3	66	186.344	0.132	23.2	0.1718	0.0000	OK
120 minute summer	S4	160	185.915	0.537	38.7	0.6379	0.0000	SURCHARGED
120 minute summer	S5	160	185.915	0.935	1.4	1.0575	0.0000	SURCHARGED
120 minute summer	S6	164	184.877	0.033	1.3	0.0376	0.0000	OK
120 minute summer	S7	2	184.779	0.000	0.0	0.0000	0.0000	OK
120 minute summer	S8	2	184.390	0.000	0.0	0.0000	0.0000	OK
120 minute summer	S9	66	184.288	0.087	0.2	0.0990	0.0000	OK
120 minute summer	S10	66	184.288	0.103	29.7	0.1579	0.0000	OK
120 minute summer	S11	64	186.475	0.075	4.5	0.1226	0.0000	OK
120 minute summer	S12	66	186.263	0.087	6.6	0.0983	0.0000	OK
120 minute summer	S13	66	186.100	0.066	11.8	0.0945	0.0000	OK
120 minute summer	S14	66	185.388	0.138	16.5	0.2164	0.0000	OK
120 minute summer	S15	66	184.941	0.074	21.1	0.1028	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	S1	1.000	J1	2.0	0.571	0.229	0.0289
120 minute summer	S2	1.012	J12	16.4	0.803	0.550	0.0306
120 minute summer	S3	1.019	J18	23.2	1.187	0.759	0.1003
120 minute summer	S4	1.022	BASIN 1	38.7	1.643	0.231	1.1778
120 minute summer	S5	1.024	SWALE 1	1.3	0.323	0.025	0.0843
120 minute summer	S6	1.026	BASIN 2	1.3	0.365	0.025	0.0211
120 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
120 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.1025
120 minute summer	S9	1.031	S10	-0.2	-0.065	-0.004	0.1290
120 minute summer	S10	1.032	SWALE 3	29.7	1.109	0.165	0.1176
120 minute summer	S11	32.000	J28	4.5	0.704	0.756	0.0293
120 minute summer	S12	32.003	J30	6.6	0.602	0.493	0.0558
120 minute summer	S13	32.007	J33	11.8	1.644	0.365	0.0932
120 minute summer	S14	32.009	J34	16.4	1.037	0.948	0.0827
120 minute summer	S15	32.013	J37	20.7	1.224	0.224	0.1583

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S16	66	184.636	0.079	22.8	0.1002	0.0000	OK
120 minute summer	S17	82	186.017	0.017	0.4	0.0197	0.0000	OK
120 minute summer	S18	176	185.933	0.272	6.4	0.3837	0.0000	SURCHARGED
120 minute summer	S19	174	185.927	0.436	12.2	0.5976	0.0000	SURCHARGED
120 minute summer	S20	64	184.681	0.039	1.7	0.0472	0.0000	OK
120 minute summer	S21	66	184.524	0.065	3.9	0.0768	0.0000	OK
120 minute summer	S22	66	184.398	0.112	8.4	0.1366	0.0000	OK
120 minute summer	S23	68	184.289	0.131	11.4	0.1552	0.0000	OK
120 minute summer	S24	66	184.146	0.169	24.7	0.2460	0.0000	OK
120 minute summer	S25	66	184.071	0.145	25.6	0.1635	0.0000	OK
120 minute summer	S26	66	185.405	0.028	1.4	0.0338	0.0000	OK
120 minute summer	FC1	76	188.894	0.644	1.8	1.1435	0.0000	SURCHARGED
120 minute summer	FC2	76	188.793	0.643	1.8	1.1527	0.0000	SURCHARGED
120 minute summer	FC3	80	188.881	0.681	2.9	2.4716	0.0000	SURCHARGED
120 minute summer	FC4	72	188.819	0.619	1.4	0.8000	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	S16	32.015	J38	22.8	1.029	0.155	0.0511
120 minute summer	S17	23.001	J20	0.4	0.376	0.066	0.0109
120 minute summer	S18	23.006	J24	6.4	0.574	0.466	0.0323
120 minute summer	S19	23.010	J27	12.2	0.634	0.406	0.3541
120 minute summer	S20	48.001	J41	1.7	0.609	0.284	0.0128
120 minute summer	S21	48.004	J43	3.9	0.770	0.665	0.0261
120 minute summer	S22	48.008	J46	8.4	0.602	0.623	0.0338
120 minute summer	S23	48.011	J48	11.4	0.486	0.368	0.0265
120 minute summer	S24	48.018	J56	24.7	0.618	0.461	0.1693
120 minute summer	S25	48.021	BASIN 4	25.6	0.846	0.464	0.0966
120 minute summer	S26	65.001	J54	1.4	0.803	0.161	0.0150
120 minute summer	FC1	2.000	J1	0.8	0.478	0.128	0.0149
120 minute summer	FC2	3.000	J2	0.9	0.305	0.147	0.0258
120 minute summer	FC3	4.000	J3	0.8	0.552	0.129	0.0139
120 minute summer	FC4	5.000	J4	0.8	0.614	0.103	0.0093

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC5	76	188.641	0.641	1.8	1.1463	0.0000	SURCHARGED
120 minute summer	FC6	72	188.469	0.619	1.4	0.7987	0.0000	SURCHARGED
120 minute summer	FC7	72	188.369	0.619	1.4	0.8004	0.0000	SURCHARGED
120 minute summer	FC8	76	188.392	0.642	1.8	1.1386	0.0000	SURCHARGED
120 minute summer	FC9	72	188.090	0.620	1.4	0.8027	0.0000	SURCHARGED
120 minute summer	FC10	78	188.143	0.673	2.5	2.0070	0.0000	SURCHARGED
120 minute summer	FC11	74	187.954	0.634	1.6	0.9927	0.0000	SURCHARGED
120 minute summer	FC12	74	187.864	0.634	1.6	0.9928	0.0000	SURCHARGED
120 minute summer	FC13	76	187.644	0.644	1.8	1.1446	0.0000	SURCHARGED
120 minute summer	FC14	84	187.067	0.167	1.8	2.1372	0.0000	SURCHARGED
120 minute summer	FC15	72	187.815	0.615	1.4	0.7945	0.0000	SURCHARGED
120 minute summer	FC16	72	187.520	0.620	1.4	0.8017	0.0000	SURCHARGED
120 minute summer	FC17	72	187.617	0.617	1.4	0.7962	0.0000	SURCHARGED
120 minute summer	FC18	72	187.170	0.620	1.4	0.8028	0.0000	SURCHARGED
120 minute summer	FC19	76	187.044	0.644	1.8	1.1447	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC5	6.000	J5	0.8	0.512	0.134	0.0064
120 minute summer	FC6	7.000	J6	0.8	0.675	0.090	0.0096
120 minute summer	FC7	8.000	J7	0.8	0.562	0.110	0.0145
120 minute summer	FC8	9.000	J8	0.8	0.728	0.082	0.0046
120 minute summer	FC9	10.000	J9	0.8	0.516	0.131	0.0109
120 minute summer	FC10	11.000	J10	0.8	0.563	0.123	0.0090
120 minute summer	FC11	12.000	J11	0.8	0.516	0.134	0.0118
120 minute summer	FC12	13.000	S2	0.8	0.515	0.133	0.0105
120 minute summer	FC13	14.000	J12	0.8	0.518	0.134	0.0105
120 minute summer	FC14	15.000	J13	0.4	0.424	0.066	0.0096
120 minute summer	FC15	16.000	J14	0.8	1.097	0.045	0.0038
120 minute summer	FC16	17.000	J15	0.8	0.549	0.121	0.0108
120 minute summer	FC17	18.000	J16	0.8	0.871	0.062	0.0043
120 minute summer	FC18	19.000	J17	0.8	0.513	0.132	0.0106
120 minute summer	FC19	20.000	S3	0.8	0.515	0.135	0.0102

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC20	76	187.591	0.641	1.8	1.1340	0.0000	SURCHARGED
120 minute summer	FC21	76	186.942	0.642	1.8	1.1452	0.0000	SURCHARGED
120 minute summer	FC22	82	186.611	0.161	1.4	1.5627	0.0000	SURCHARGED
120 minute summer	FC23	72	186.920	0.620	1.4	0.8022	0.0000	SURCHARGED
120 minute summer	FC24	76	186.943	0.642	1.8	1.1419	0.0000	SURCHARGED
120 minute summer	FC25	76	187.192	0.642	1.8	1.1339	0.0000	SURCHARGED
120 minute summer	FC26	82	186.606	0.156	1.4	1.5800	0.0000	SURCHARGED
120 minute summer	FC27	72	187.115	0.615	1.4	0.7944	0.0000	SURCHARGED
120 minute summer	FC28	76	187.141	0.641	1.8	1.1341	0.0000	SURCHARGED
120 minute summer	FC29	76	187.152	0.652	2.0	1.3460	0.0000	SURCHARGED
120 minute summer	FC30	76	187.391	0.641	1.8	1.1349	0.0000	SURCHARGED
120 minute summer	FC31	72	187.068	0.618	1.4	0.7982	0.0000	SURCHARGED
120 minute summer	FC32	72	187.067	0.617	1.4	0.7959	0.0000	SURCHARGED
120 minute summer	FC33	76	187.093	0.643	1.8	1.1342	0.0000	SURCHARGED
120 minute summer	FC34	76	187.094	0.644	1.8	1.1446	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC20	21.000	J18	0.8	1.042	0.050	0.0033
120 minute summer	FC21	22.000	J19	0.8	0.517	0.135	0.0118
120 minute summer	FC22	23.000	S17	0.4	0.605	0.021	0.0032
120 minute summer	FC23	24.000	J20	0.8	0.534	0.124	0.0067
120 minute summer	FC24	25.000	J21	0.8	0.603	0.107	0.0061
120 minute summer	FC25	26.000	J22	0.8	1.035	0.050	0.0037
120 minute summer	FC26	27.000	J23	0.4	0.737	0.029	0.0024
120 minute summer	FC27	28.000	J24	0.8	1.133	0.043	0.0031
120 minute summer	FC28	29.000	J25	0.8	1.040	0.050	0.0033
120 minute summer	FC29	30.000	J26	0.8	1.014	0.052	0.0038
120 minute summer	FC30	31.000	J27	0.8	0.970	0.055	0.0036
120 minute summer	FC31	33.000	J28	0.8	0.399	0.087	0.0162
120 minute summer	FC32	34.000	J29	0.8	0.329	0.062	0.0174
120 minute summer	FC33	35.000	S12	0.8	0.953	0.056	0.0071
120 minute summer	FC34	36.000	J30	0.8	0.529	0.129	0.0072

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC35	76	187.091	0.641	1.8	1.1347	0.0000	SURCHARGED
120 minute summer	FC36	76	187.099	0.649	2.0	1.3466	0.0000	SURCHARGED
120 minute summer	FC37	78	186.468	0.668	2.3	1.7733	0.0000	SURCHARGED
120 minute summer	FC38	82	185.587	0.137	1.4	1.6497	0.0000	SURCHARGED
120 minute summer	FC39	72	186.066	0.616	1.4	0.7955	0.0000	SURCHARGED
120 minute summer	FC40	76	186.098	0.598	1.8	1.1544	0.0000	SURCHARGED
120 minute summer	FC41	76	185.490	0.640	1.8	1.1382	0.0000	SURCHARGED
120 minute summer	FC42	76	185.240	0.640	1.8	1.1403	0.0000	SURCHARGED
120 minute summer	FC43	76	185.225	0.625	1.8	1.1427	0.0000	SURCHARGED
120 minute summer	FC44	64	184.625	0.025	1.4	0.0323	0.0000	OK
120 minute summer	FC45	2	184.600	0.000	0.0	0.0000	0.0000	OK
120 minute summer	FC46	78	185.373	0.673	2.5	2.0084	0.0000	SURCHARGED
120 minute summer	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute summer	FC48	76	185.442	0.642	1.8	1.1346	0.0000	SURCHARGED
120 minute summer	FC49	76	185.443	0.643	1.8	1.1457	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC35	37.000	J31	0.8	0.957	0.056	0.0101
120 minute summer	FC36	38.000	J32	0.8	1.030	0.051	0.0095
120 minute summer	FC37	39.000	J33	0.8	0.692	0.092	0.0077
120 minute summer	FC38	40.000	J34	0.4	0.693	0.029	0.0024
120 minute summer	FC39	41.000	J35	0.8	0.962	0.054	0.0036
120 minute summer	FC40	42.000	J36	0.8	1.173	0.040	0.0033
120 minute summer	FC41	43.000	J37	0.8	0.772	0.076	0.0052
120 minute summer	FC42	44.000	J38	0.8	0.672	0.092	0.0108
120 minute summer	FC43	45.000	J39	0.8	0.783	0.073	0.0076
120 minute summer	FC44	46.000	J40	1.4	0.945	0.125	0.0065
120 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
120 minute summer	FC46	48.000	S20	0.8	0.489	0.137	0.0129
120 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0073
120 minute summer	FC48	50.000	J42	0.8	0.577	0.057	0.0105
120 minute summer	FC49	51.000	S21	0.8	0.512	0.134	0.0068

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC50	76	185.443	0.643	1.8	1.1456	0.0000	SURCHARGED
120 minute summer	FC51	76	185.490	0.640	1.8	1.1461	0.0000	SURCHARGED
120 minute summer	FC52	76	185.905	0.655	2.1	1.5350	0.0000	SURCHARGED
120 minute summer	FC53	76	185.892	0.642	1.8	1.1391	0.0000	SURCHARGED
120 minute summer	FC54	72	185.868	0.618	1.4	0.7973	0.0000	SURCHARGED
120 minute summer	FC55	72	185.866	0.616	1.4	0.7953	0.0000	SURCHARGED
120 minute summer	FC56	76	185.991	0.641	1.8	1.1342	0.0000	SURCHARGED
120 minute summer	FC57	76	185.992	0.642	1.8	1.1347	0.0000	SURCHARGED
120 minute summer	FC58	72	185.966	0.616	1.4	0.7958	0.0000	SURCHARGED
120 minute summer	FC59	72	185.967	0.617	1.4	0.7964	0.0000	SURCHARGED
120 minute summer	FC60	76	185.992	0.642	1.8	1.1363	0.0000	SURCHARGED
120 minute summer	FC61	76	185.942	0.642	1.8	1.1396	0.0000	SURCHARGED
120 minute summer	FC62	80	185.928	0.678	2.7	2.2212	0.0000	SURCHARGED
120 minute summer	FC63	72	186.020	0.620	1.4	0.8037	0.0000	SURCHARGED
120 minute summer	FC64	74	185.777	0.777	1.8	1.1047	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC50	52.000	J43	0.8	0.513	0.134	0.0072
120 minute summer	FC51	55.000	S22	0.8	0.515	0.134	0.0095
120 minute summer	FC52	58.000	S23	0.8	0.754	0.080	0.0058
120 minute summer	FC53	61.000	J50	0.8	0.705	0.086	0.0048
120 minute summer	FC54	62.000	J51	0.8	0.778	0.073	0.0040
120 minute summer	FC55	64.000	J53	0.8	0.984	0.052	0.0033
120 minute summer	FC56	53.000	J44	0.8	1.023	0.052	0.0051
120 minute summer	FC57	54.000	J45	0.8	0.959	0.056	0.0054
120 minute summer	FC58	56.000	J46	0.8	0.916	0.058	0.0053
120 minute summer	FC59	57.000	J47	0.8	0.849	0.065	0.0059
120 minute summer	FC60	59.000	J48	0.8	0.845	0.067	0.0062
120 minute summer	FC61	60.000	J49	0.8	0.677	0.092	0.0087
120 minute summer	FC62	63.000	J52	0.8	0.629	0.107	0.0122
120 minute summer	FC63	65.000	S26	0.8	0.513	0.132	0.0040
120 minute summer	FC64	66.000	J54	0.9	0.360	0.148	0.0061

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC65	74	185.793	0.643	1.8	1.1324	0.0000	SURCHARGED
120 minute summer	FC66	76	185.644	0.644	1.8	1.1432	0.0000	SURCHARGED
120 minute summer	FC67	82	184.955	0.155	1.4	1.6026	0.0000	SURCHARGED
120 minute summer	FC68	72	185.169	0.619	1.4	0.7991	0.0000	SURCHARGED
120 minute summer	J1	64	188.259	0.059	4.8	0.0799	0.0000	OK
120 minute summer	J2	64	188.199	0.093	5.5	0.1048	0.0000	OK
120 minute summer	J3	64	188.118	0.072	6.3	0.0818	0.0000	OK
120 minute summer	J4	66	188.087	0.052	6.9	0.0590	0.0000	OK
120 minute summer	J5	66	187.956	0.046	7.7	0.0520	0.0000	OK
120 minute summer	J6	66	187.725	0.075	8.5	0.0851	0.0000	OK
120 minute summer	J7	66	187.688	0.088	9.2	0.1000	0.0000	OK
120 minute summer	J8	66	187.657	0.064	10.0	0.0722	0.0000	OK
120 minute summer	J9	66	187.362	0.087	10.7	0.0980	0.0000	OK
120 minute summer	J10	66	187.321	0.051	11.5	0.0579	0.0000	OK
120 minute summer	J11	66	187.196	0.074	12.3	0.0842	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC65	67.000	J55	0.8	0.457	0.043	0.0054
120 minute summer	FC66	68.000	S24	0.8	0.575	0.111	0.0029
120 minute summer	FC67	69.000	J56	0.4	0.407	0.064	0.0019
120 minute summer	FC68	70.000	J57	0.8	0.671	0.087	0.0027
120 minute summer	J1	1.001	J2	4.8	0.759	0.576	0.0311
120 minute summer	J2	1.002	J3	5.5	0.778	0.923	0.0072
120 minute summer	J3	1.003	J4	6.2	0.906	0.470	0.0135
120 minute summer	J4	1.004	J5	6.9	1.386	0.206	0.0177
120 minute summer	J5	1.005	J6	7.7	1.165	0.202	0.0381
120 minute summer	J6	1.006	J7	8.5	0.861	0.297	0.0193
120 minute summer	J7	1.007	J8	9.2	1.024	0.659	0.0101
120 minute summer	J8	1.008	J9	10.0	1.466	0.330	0.0576
120 minute summer	J9	1.009	J10	10.7	1.038	0.320	0.0125
120 minute summer	J10	1.010	J11	11.5	1.271	0.089	0.0223
120 minute summer	J11	1.011	S2	12.2	0.726	0.190	0.0914

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J12	66	186.895	0.086	17.2	0.0974	0.0000	OK
120 minute summer	J13	66	186.854	0.152	17.5	0.1721	0.0000	OK
120 minute summer	J14	66	186.838	0.143	18.3	0.1615	0.0000	OK
120 minute summer	J15	66	186.815	0.127	19.0	0.1436	0.0000	OK
120 minute summer	J16	66	186.774	0.104	19.7	0.1178	0.0000	OK
120 minute summer	J17	66	186.433	0.075	20.3	0.0852	0.0000	OK
120 minute summer	J18	66	186.284	0.090	24.0	0.1021	0.0000	OK
120 minute summer	J19	66	186.169	0.142	24.8	0.1609	0.0000	OK
120 minute summer	J20	76	185.963	0.032	1.2	0.0360	0.0000	OK
120 minute summer	J21	76	185.935	0.040	2.0	0.0452	0.0000	OK
120 minute summer	J22	176	185.932	0.114	2.8	0.1294	0.0000	SURCHARGED
120 minute summer	J23	176	185.933	0.150	3.1	0.1692	0.0000	SURCHARGED
120 minute summer	J24	176	185.932	0.282	7.1	0.3194	0.0000	SURCHARGED
120 minute summer	J25	176	185.932	0.317	7.8	0.3583	0.0000	SURCHARGED
120 minute summer	J26	176	185.933	0.346	8.7	0.3912	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J12	1.013	J13	17.2	0.807	0.257	0.1376
120 minute summer	J13	1.014	J14	17.5	0.635	0.558	0.0523
120 minute summer	J14	1.015	J15	18.2	0.734	0.584	0.0476
120 minute summer	J15	1.016	J16	18.9	0.922	0.619	0.1052
120 minute summer	J16	1.017	J17	19.6	1.217	0.326	0.0542
120 minute summer	J17	1.018	S3	20.3	1.146	0.140	0.0338
120 minute summer	J18	1.020	J19	24.0	1.951	0.185	0.0185
120 minute summer	J19	1.021	S4	24.7	0.836	0.449	0.1302
120 minute summer	J20	23.002	J21	1.2	0.459	0.197	0.0095
120 minute summer	J21	23.003	J22	2.0	0.545	0.331	0.0417
120 minute summer	J22	23.004	J23	2.8	0.637	0.462	0.0281
120 minute summer	J23	23.005	S18	3.1	0.740	0.530	0.0587
120 minute summer	J24	23.007	J25	7.1	0.616	0.530	0.1088
120 minute summer	J25	23.008	J26	7.9	0.648	0.592	0.0874
120 minute summer	J26	23.009	S19	8.7	0.766	0.650	0.0652

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J27	176	185.947	0.486	12.9	0.5497	0.0000	SURCHARGED
120 minute summer	J28	64	186.435	0.079	5.2	0.0891	0.0000	OK
120 minute summer	J29	66	186.363	0.092	5.8	0.1041	0.0000	OK
120 minute summer	J30	66	186.239	0.092	7.4	0.1045	0.0000	OK
120 minute summer	J31	66	186.211	0.092	8.2	0.1043	0.0000	OK
120 minute summer	J32	66	186.155	0.091	9.0	0.1029	0.0000	OK
120 minute summer	J33	66	185.672	0.062	12.6	0.0697	0.0000	OK
120 minute summer	J34	66	185.231	0.106	16.7	0.1202	0.0000	OK
120 minute summer	J35	66	185.147	0.072	17.5	0.0817	0.0000	OK
120 minute summer	J36	66	184.992	0.117	18.3	0.1321	0.0000	OK
120 minute summer	J37	66	184.700	0.125	21.4	0.1413	0.0000	OK
120 minute summer	J38	66	184.543	0.168	23.6	0.1901	0.0000	OK
120 minute summer	J39	66	184.499	0.161	24.4	0.1822	0.0000	OK
120 minute summer	J40	66	184.462	0.137	25.7	0.1550	0.0000	OK
120 minute summer	J41	64	184.635	0.038	1.7	0.0433	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J27	23.011	S4	12.9	0.747	0.433	0.0951
120 minute summer	J28	32.001	J29	5.2	0.732	0.870	0.0624
120 minute summer	J29	32.002	S12	5.8	0.816	0.975	0.0328
120 minute summer	J30	32.004	J31	7.4	0.650	0.557	0.0566
120 minute summer	J31	32.005	J32	8.2	0.726	0.615	0.1098
120 minute summer	J32	32.006	S13	9.0	0.965	0.674	0.0495
120 minute summer	J33	32.008	S14	12.6	1.056	0.354	0.1078
120 minute summer	J34	32.010	J35	16.8	1.145	0.435	0.1326
120 minute summer	J35	32.011	J36	17.5	1.107	0.196	0.1091
120 minute summer	J36	32.012	S15	18.7	1.172	0.624	0.0380
120 minute summer	J37	32.014	S16	21.5	1.227	0.706	0.0910
120 minute summer	J38	32.016	J39	23.6	0.758	0.782	0.3367
120 minute summer	J39	32.017	J40	24.4	0.874	0.792	0.1019
120 minute summer	J40	32.018	S10	25.7	1.078	0.597	0.2284
120 minute summer	J41	48.002	J42	1.7	0.551	0.285	0.0191

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J42	64	184.582	0.045	2.5	0.0508	0.0000	OK
120 minute summer	J43	66	184.436	0.076	4.7	0.0858	0.0000	OK
120 minute summer	J44	66	184.423	0.073	5.5	0.0829	0.0000	OK
120 minute summer	J45	66	184.406	0.106	6.3	0.1196	0.0000	OK
120 minute summer	J46	66	184.381	0.109	9.1	0.1235	0.0000	OK
120 minute summer	J47	66	184.355	0.107	9.8	0.1208	0.0000	OK
120 minute summer	J48	68	184.281	0.127	12.1	0.1440	0.0000	OK
120 minute summer	J49	68	184.269	0.140	12.9	0.1586	0.0000	OK
120 minute summer	J50	68	184.260	0.135	13.6	0.1529	0.0000	OK
120 minute summer	J51	68	184.246	0.138	14.4	0.1564	0.0000	OK
120 minute summer	J52	68	184.233	0.129	15.2	0.1461	0.0000	OK
120 minute summer	J53	68	184.208	0.121	16.0	0.1373	0.0000	OK
120 minute summer	J54	68	185.027	0.047	2.2	0.0537	0.0000	OK
120 minute summer	J55	68	184.998	0.054	3.0	0.0606	0.0000	OK
120 minute summer	J56	66	184.129	0.162	25.0	0.1832	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J42	48.003	S21	2.5	0.561	0.417	0.0358
120 minute summer	J43	48.005	J44	4.7	0.548	0.338	0.0140
120 minute summer	J44	48.006	J45	5.5	0.507	0.412	0.0957
120 minute summer	J45	48.007	S22	6.3	0.479	0.463	0.0325
120 minute summer	J46	48.009	J47	9.1	0.668	0.680	0.0572
120 minute summer	J47	48.010	S23	9.8	0.792	0.733	0.0325
120 minute summer	J48	48.012	J49	12.1	0.495	0.405	0.1831
120 minute summer	J49	48.013	J50	12.9	0.508	0.420	0.0289
120 minute summer	J50	48.014	J51	13.7	0.543	0.457	0.1281
120 minute summer	J51	48.015	J52	14.4	0.587	0.470	0.0279
120 minute summer	J52	48.016	J53	15.2	0.671	0.499	0.1106
120 minute summer	J53	48.017	S24	16.0	0.803	0.530	0.2042
120 minute summer	J54	65.002	J55	2.2	0.564	0.377	0.0144
120 minute summer	J55	65.003	S24	3.0	0.734	0.514	0.0325
120 minute summer	J56	48.019	J57	24.9	0.654	0.460	0.3467

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Results for 30 year +35% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J57	66	184.103	0.158	25.7	0.1784	0.0000	OK
120 minute summer	BASIN 1	160	185.915	0.915	38.7	119.2812	0.0000	SURCHARGED
120 minute summer	BASIN 2	360	184.517	0.217	1.5	19.8917	0.0000	OK
120 minute summer	BASIN 3	194	183.217	0.117	29.7	81.8934	0.0000	OK
120 minute summer	BASIN 4	192	183.967	0.637	25.6	89.8130	0.0000	SURCHARGED
120 minute summer	SWALE 1	162	184.965	0.033	1.3	0.0369	0.0000	OK
120 minute summer	SWALE 2	2	184.450	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWALE 3	66	184.211	0.141	29.7	0.1590	0.0000	OK
120 minute summer	BH1	360	184.517	0.440	1.0	2.0782	0.0000	OK
120 minute summer	BH2	176	183.218	0.166	4.3	2.4310	0.0000	OK
120 minute summer	BH3	192	183.967	0.661	3.2	4.6884	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J57	48.020	S25	25.6	0.721	0.474	0.2814
120 minute summer	BASIN 1	1.023	S5	1.4	0.223	0.026	0.6013
120 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
120 minute summer	BASIN 2	71.000	BH1	1.0	0.491	0.170	0.1829
120 minute summer	BASIN 3	1.034	BH2	4.3	0.464	0.051	1.0323
120 minute summer	BASIN 4	48.022	BH3	3.2	0.601	0.061	0.7181
120 minute summer	SWALE 1	1.025	S6	1.3	0.322	0.025	0.1572
120 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
120 minute summer	SWALE 3	1.033	BASIN 3	29.7	0.953	0.428	1.3450
120 minute summer	BH1	Infiltration		0.1			
120 minute summer	BH2	Infiltration		0.2			
120 minute summer	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S1	64	188.398	0.028	1.5	0.0380	0.0000	OK
120 minute winter	S2	68	187.157	0.118	14.9	0.1737	0.0000	OK
120 minute winter	S3	68	186.338	0.126	21.4	0.1639	0.0000	OK
120 minute winter	S4	162	186.004	0.626	35.2	0.7432	0.0000	SURCHARGED
120 minute winter	S5	168	186.003	1.023	1.5	1.1575	0.0000	SURCHARGED
120 minute winter	S6	170	184.878	0.034	1.4	0.0384	0.0000	OK
120 minute winter	S7	2	184.779	0.000	0.0	0.0000	0.0000	OK
120 minute winter	S8	2	184.390	0.000	0.0	0.0000	0.0000	OK
120 minute winter	S9	66	184.278	0.078	0.1	0.0879	0.0000	OK
120 minute winter	S10	66	184.278	0.094	25.6	0.1430	0.0000	OK
120 minute winter	S11	66	186.461	0.061	3.4	0.0989	0.0000	OK
120 minute winter	S12	66	186.254	0.078	5.6	0.0879	0.0000	OK
120 minute winter	S13	66	186.095	0.061	10.2	0.0869	0.0000	OK
120 minute winter	S14	66	185.366	0.116	14.1	0.1826	0.0000	OK
120 minute winter	S15	66	184.935	0.068	18.5	0.0948	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	S1	1.000	J1	1.5	0.520	0.172	0.0239
120 minute winter	S2	1.012	J12	14.9	0.778	0.498	0.0285
120 minute winter	S3	1.019	J18	21.4	1.162	0.698	0.0944
120 minute winter	S4	1.022	BASIN 1	35.2	1.714	0.210	1.1778
120 minute winter	S5	1.024	SWALE 1	1.4	0.327	0.026	0.0871
120 minute winter	S6	1.026	BASIN 2	1.4	0.371	0.026	0.0217
120 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
120 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0868
120 minute winter	S9	1.031	S10	-0.1	-0.071	-0.002	0.1110
120 minute winter	S10	1.032	SWALE 3	25.6	1.079	0.142	0.1041
120 minute winter	S11	32.000	J28	3.4	0.664	0.572	0.0234
120 minute winter	S12	32.003	J30	5.6	0.578	0.418	0.0490
120 minute winter	S13	32.007	J33	10.2	1.582	0.317	0.0840
120 minute winter	S14	32.009	J34	14.1	1.026	0.814	0.0719
120 minute winter	S15	32.013	J37	17.9	1.183	0.194	0.1425

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S16	66	184.627	0.070	19.8	0.0889	0.0000	OK
120 minute winter	S17	88	186.018	0.018	0.4	0.0202	0.0000	OK
120 minute winter	S18	190	186.017	0.356	5.7	0.5027	0.0000	SURCHARGED
120 minute winter	S19	186	186.012	0.521	10.8	0.7138	0.0000	SURCHARGED
120 minute winter	S20	66	184.678	0.036	1.5	0.0441	0.0000	OK
120 minute winter	S21	64	184.521	0.061	3.7	0.0729	0.0000	OK
120 minute winter	S22	66	184.393	0.107	7.8	0.1304	0.0000	OK
120 minute winter	S23	66	184.285	0.127	10.7	0.1498	0.0000	OK
120 minute winter	S24	68	184.140	0.163	23.1	0.2363	0.0000	OK
120 minute winter	S25	68	184.066	0.140	24.1	0.1584	0.0000	OK
120 minute winter	S26	64	185.404	0.026	1.3	0.0320	0.0000	OK
120 minute winter	FC1	80	188.896	0.646	1.4	1.1696	0.0000	SURCHARGED
120 minute winter	FC2	80	188.795	0.645	1.4	1.1755	0.0000	SURCHARGED
120 minute winter	FC3	88	188.893	0.693	2.2	2.7738	0.0000	SURCHARGED
120 minute winter	FC4	76	188.797	0.597	1.1	0.7713	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	S16	32.015	J38	19.8	1.015	0.135	0.0451
120 minute winter	S17	23.001	J20	0.4	0.328	0.069	0.0283
120 minute winter	S18	23.006	J24	5.7	0.559	0.417	0.0323
120 minute winter	S19	23.010	J27	10.8	0.612	0.361	0.3541
120 minute winter	S20	48.001	J41	1.5	0.594	0.252	0.0117
120 minute winter	S21	48.004	J43	3.6	0.757	0.616	0.0245
120 minute winter	S22	48.008	J46	7.8	0.593	0.585	0.0322
120 minute winter	S23	48.011	J48	10.7	0.476	0.348	0.0254
120 minute winter	S24	48.018	J56	23.0	0.608	0.431	0.1613
120 minute winter	S25	48.021	BASIN 4	24.1	0.830	0.437	0.0928
120 minute winter	S26	65.001	J54	1.3	0.780	0.145	0.0139
120 minute winter	FC1	2.000	J1	0.8	0.478	0.129	0.0130
120 minute winter	FC2	3.000	J2	0.8	0.305	0.137	0.0202
120 minute winter	FC3	4.000	J3	0.8	0.553	0.130	0.0140
120 minute winter	FC4	5.000	J4	0.8	0.611	0.101	0.0092

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC5	80	188.643	0.643	1.4	1.1731	0.0000	SURCHARGED
120 minute winter	FC6	76	188.446	0.596	1.1	0.7699	0.0000	SURCHARGED
120 minute winter	FC7	76	188.348	0.598	1.1	0.7716	0.0000	SURCHARGED
120 minute winter	FC8	80	188.394	0.644	1.4	1.1640	0.0000	SURCHARGED
120 minute winter	FC9	76	188.070	0.600	1.1	0.7741	0.0000	SURCHARGED
120 minute winter	FC10	86	188.152	0.682	1.9	2.1934	0.0000	SURCHARGED
120 minute winter	FC11	78	187.950	0.630	1.2	0.9456	0.0000	SURCHARGED
120 minute winter	FC12	78	187.860	0.630	1.2	0.9456	0.0000	SURCHARGED
120 minute winter	FC13	80	187.646	0.646	1.4	1.1711	0.0000	SURCHARGED
120 minute winter	FC14	90	187.088	0.188	1.4	2.4042	0.0000	SURCHARGED
120 minute winter	FC15	76	187.792	0.592	1.1	0.7648	0.0000	SURCHARGED
120 minute winter	FC16	76	187.499	0.599	1.1	0.7731	0.0000	SURCHARGED
120 minute winter	FC17	76	187.594	0.594	1.1	0.7669	0.0000	SURCHARGED
120 minute winter	FC18	76	187.150	0.600	1.1	0.7742	0.0000	SURCHARGED
120 minute winter	FC19	80	187.046	0.646	1.4	1.1712	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC5	6.000	J5	0.8	0.512	0.134	0.0064
120 minute winter	FC6	7.000	J6	0.8	0.672	0.088	0.0084
120 minute winter	FC7	8.000	J7	0.8	0.554	0.108	0.0128
120 minute winter	FC8	9.000	J8	0.8	0.728	0.082	0.0046
120 minute winter	FC9	10.000	J9	0.8	0.514	0.129	0.0108
120 minute winter	FC10	11.000	J10	0.8	0.564	0.124	0.0091
120 minute winter	FC11	12.000	J11	0.8	0.515	0.133	0.0118
120 minute winter	FC12	13.000	S2	0.8	0.515	0.133	0.0105
120 minute winter	FC13	14.000	J12	0.8	0.518	0.134	0.0105
120 minute winter	FC14	15.000	J13	0.4	0.432	0.070	0.0073
120 minute winter	FC15	16.000	J14	0.8	1.091	0.044	0.0033
120 minute winter	FC16	17.000	J15	0.8	0.546	0.118	0.0107
120 minute winter	FC17	18.000	J16	0.8	0.866	0.061	0.0043
120 minute winter	FC18	19.000	J17	0.8	0.511	0.130	0.0105
120 minute winter	FC19	20.000	S3	0.8	0.516	0.135	0.0102

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC20	80	187.593	0.643	1.4	1.1584	0.0000	SURCHARGED
120 minute winter	FC21	80	186.944	0.644	1.4	1.1720	0.0000	SURCHARGED
120 minute winter	FC22	86	186.626	0.176	1.1	1.7071	0.0000	SURCHARGED
120 minute winter	FC23	76	186.899	0.599	1.1	0.7737	0.0000	SURCHARGED
120 minute winter	FC24	80	186.944	0.644	1.4	1.1680	0.0000	SURCHARGED
120 minute winter	FC25	80	187.193	0.643	1.4	1.1583	0.0000	SURCHARGED
120 minute winter	FC26	86	186.621	0.171	1.1	1.7275	0.0000	SURCHARGED
120 minute winter	FC27	76	187.092	0.592	1.1	0.7646	0.0000	SURCHARGED
120 minute winter	FC28	80	187.143	0.642	1.4	1.1585	0.0000	SURCHARGED
120 minute winter	FC29	82	187.156	0.656	1.5	1.4170	0.0000	SURCHARGED
120 minute winter	FC30	80	187.393	0.643	1.4	1.1593	0.0000	SURCHARGED
120 minute winter	FC31	76	187.046	0.596	1.1	0.7692	0.0000	SURCHARGED
120 minute winter	FC32	76	187.044	0.594	1.1	0.7665	0.0000	SURCHARGED
120 minute winter	FC33	80	187.095	0.645	1.4	1.1584	0.0000	SURCHARGED
120 minute winter	FC34	80	187.096	0.645	1.4	1.1710	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC20	21.000	J18	0.8	1.043	0.050	0.0033
120 minute winter	FC21	22.000	J19	0.8	0.517	0.135	0.0118
120 minute winter	FC22	23.000	S17	0.4	0.613	0.022	0.0033
120 minute winter	FC23	24.000	J20	0.8	0.531	0.121	0.0066
120 minute winter	FC24	25.000	J21	0.8	0.603	0.107	0.0061
120 minute winter	FC25	26.000	J22	0.8	1.035	0.050	0.0037
120 minute winter	FC26	27.000	J23	0.4	0.747	0.030	0.0025
120 minute winter	FC27	28.000	J24	0.8	1.126	0.042	0.0031
120 minute winter	FC28	29.000	J25	0.8	1.041	0.050	0.0034
120 minute winter	FC29	30.000	J26	0.8	1.015	0.053	0.0038
120 minute winter	FC30	31.000	J27	0.8	0.970	0.055	0.0036
120 minute winter	FC31	33.000	J28	0.8	0.392	0.085	0.0136
120 minute winter	FC32	34.000	J29	0.8	0.324	0.061	0.0149
120 minute winter	FC33	35.000	S12	0.8	0.953	0.056	0.0053
120 minute winter	FC34	36.000	J30	0.8	0.530	0.129	0.0072

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC35	80	187.093	0.643	1.4	1.1590	0.0000	SURCHARGED
120 minute winter	FC36	82	187.103	0.653	1.5	1.4177	0.0000	SURCHARGED
120 minute winter	FC37	84	186.476	0.676	1.8	1.9191	0.0000	SURCHARGED
120 minute winter	FC38	88	185.601	0.151	1.1	1.8114	0.0000	SURCHARGED
120 minute winter	FC39	76	186.043	0.593	1.1	0.7659	0.0000	SURCHARGED
120 minute winter	FC40	80	186.100	0.600	1.4	1.1865	0.0000	SURCHARGED
120 minute winter	FC41	80	185.491	0.641	1.4	1.1638	0.0000	SURCHARGED
120 minute winter	FC42	80	185.242	0.642	1.4	1.1664	0.0000	SURCHARGED
120 minute winter	FC43	80	185.226	0.626	1.4	1.1700	0.0000	SURCHARGED
120 minute winter	FC44	64	184.622	0.022	1.1	0.0285	0.0000	OK
120 minute winter	FC45	2	184.600	0.000	0.0	0.0000	0.0000	OK
120 minute winter	FC46	86	185.382	0.682	1.9	2.1948	0.0000	SURCHARGED
120 minute winter	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute winter	FC48	80	185.443	0.643	1.4	1.1589	0.0000	SURCHARGED
120 minute winter	FC49	80	185.445	0.645	1.4	1.1724	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC35	37.000	J31	0.8	0.957	0.056	0.0082
120 minute winter	FC36	38.000	J32	0.8	1.031	0.051	0.0079
120 minute winter	FC37	39.000	J33	0.8	0.693	0.092	0.0077
120 minute winter	FC38	40.000	J34	0.4	0.703	0.030	0.0025
120 minute winter	FC39	41.000	J35	0.8	0.957	0.053	0.0036
120 minute winter	FC40	42.000	J36	0.8	1.173	0.040	0.0033
120 minute winter	FC41	43.000	J37	0.8	0.772	0.076	0.0052
120 minute winter	FC42	44.000	J38	0.8	0.672	0.092	0.0070
120 minute winter	FC43	45.000	J39	0.8	0.783	0.073	0.0049
120 minute winter	FC44	46.000	J40	1.1	0.885	0.098	0.0055
120 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
120 minute winter	FC46	48.000	S20	0.8	0.503	0.138	0.0122
120 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0066
120 minute winter	FC48	50.000	J42	0.8	0.562	0.057	0.0101
120 minute winter	FC49	51.000	S21	0.8	0.512	0.134	0.0068

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC50	80	185.445	0.645	1.4	1.1721	0.0000	SURCHARGED
120 minute winter	FC51	80	185.492	0.642	1.4	1.1730	0.0000	SURCHARGED
120 minute winter	FC52	82	185.911	0.661	1.7	1.6416	0.0000	SURCHARGED
120 minute winter	FC53	80	185.894	0.644	1.4	1.1648	0.0000	SURCHARGED
120 minute winter	FC54	76	185.845	0.595	1.1	0.7682	0.0000	SURCHARGED
120 minute winter	FC55	76	185.843	0.593	1.1	0.7657	0.0000	SURCHARGED
120 minute winter	FC56	80	185.993	0.643	1.4	1.1586	0.0000	SURCHARGED
120 minute winter	FC57	80	185.993	0.643	1.4	1.1592	0.0000	SURCHARGED
120 minute winter	FC58	76	185.944	0.594	1.1	0.7664	0.0000	SURCHARGED
120 minute winter	FC59	76	185.944	0.594	1.1	0.7671	0.0000	SURCHARGED
120 minute winter	FC60	80	185.994	0.644	1.4	1.1610	0.0000	SURCHARGED
120 minute winter	FC61	80	185.944	0.644	1.4	1.1653	0.0000	SURCHARGED
120 minute winter	FC62	86	185.936	0.686	2.1	2.4127	0.0000	SURCHARGED
120 minute winter	FC63	76	186.001	0.600	1.1	0.7752	0.0000	SURCHARGED
120 minute winter	FC64	78	185.778	0.778	1.4	1.1093	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC50	52.000	J43	0.8	0.513	0.134	0.0073
120 minute winter	FC51	55.000	S22	0.8	0.516	0.134	0.0095
120 minute winter	FC52	58.000	S23	0.8	0.755	0.080	0.0058
120 minute winter	FC53	61.000	J50	0.8	0.706	0.086	0.0048
120 minute winter	FC54	62.000	J51	0.8	0.774	0.071	0.0039
120 minute winter	FC55	64.000	J53	0.8	0.978	0.051	0.0033
120 minute winter	FC56	53.000	J44	0.8	1.023	0.052	0.0051
120 minute winter	FC57	54.000	J45	0.8	0.959	0.057	0.0054
120 minute winter	FC58	56.000	J46	0.8	0.911	0.057	0.0052
120 minute winter	FC59	57.000	J47	0.8	0.844	0.064	0.0058
120 minute winter	FC60	59.000	J48	0.8	0.845	0.068	0.0062
120 minute winter	FC61	60.000	J49	0.8	0.678	0.092	0.0087
120 minute winter	FC62	63.000	J52	0.8	0.630	0.108	0.0123
120 minute winter	FC63	65.000	S26	0.8	0.508	0.130	0.0039
120 minute winter	FC64	66.000	J54	0.9	0.363	0.148	0.0059

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC65	80	185.795	0.645	1.4	1.1558	0.0000	SURCHARGED
120 minute winter	FC66	80	185.646	0.645	1.4	1.1693	0.0000	SURCHARGED
120 minute winter	FC67	88	184.970	0.170	1.1	1.7554	0.0000	SURCHARGED
120 minute winter	FC68	76	185.147	0.597	1.1	0.7703	0.0000	SURCHARGED
120 minute winter	J1	64	188.251	0.051	3.8	0.0692	0.0000	OK
120 minute winter	J2	66	188.184	0.078	4.6	0.0881	0.0000	OK
120 minute winter	J3	66	188.113	0.067	5.4	0.0753	0.0000	OK
120 minute winter	J4	66	188.083	0.048	6.1	0.0546	0.0000	OK
120 minute winter	J5	66	187.953	0.043	6.8	0.0486	0.0000	OK
120 minute winter	J6	68	187.720	0.070	7.5	0.0789	0.0000	OK
120 minute winter	J7	68	187.683	0.083	8.3	0.0943	0.0000	OK
120 minute winter	J8	68	187.653	0.060	9.1	0.0683	0.0000	OK
120 minute winter	J9	68	187.358	0.083	9.8	0.0935	0.0000	OK
120 minute winter	J10	68	187.319	0.049	10.6	0.0552	0.0000	OK
120 minute winter	J11	68	187.192	0.071	11.4	0.0807	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC65	67.000	J55	0.8	0.651	0.043	0.0053
120 minute winter	FC66	68.000	S24	0.8	0.575	0.111	0.0029
120 minute winter	FC67	69.000	J56	0.4	0.412	0.067	0.0020
120 minute winter	FC68	70.000	J57	0.8	0.668	0.085	0.0026
120 minute winter	J1	1.001	J2	3.8	0.713	0.456	0.0265
120 minute winter	J2	1.002	J3	4.6	0.758	0.770	0.0062
120 minute winter	J3	1.003	J4	5.4	0.865	0.404	0.0121
120 minute winter	J4	1.004	J5	6.1	1.339	0.181	0.0160
120 minute winter	J5	1.005	J6	6.8	1.135	0.179	0.0345
120 minute winter	J6	1.006	J7	7.6	0.837	0.266	0.0178
120 minute winter	J7	1.007	J8	8.3	0.994	0.595	0.0094
120 minute winter	J8	1.008	J9	9.1	1.433	0.300	0.0536
120 minute winter	J9	1.009	J10	9.8	1.017	0.294	0.0117
120 minute winter	J10	1.010	J11	10.6	1.251	0.082	0.0209
120 minute winter	J11	1.011	S2	11.4	0.724	0.177	0.0856

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J12	68	186.890	0.081	15.6	0.0913	0.0000	OK
120 minute winter	J13	68	186.846	0.144	16.0	0.1629	0.0000	OK
120 minute winter	J14	68	186.831	0.136	16.7	0.1533	0.0000	OK
120 minute winter	J15	68	186.809	0.121	17.4	0.1367	0.0000	OK
120 minute winter	J16	70	186.769	0.099	18.2	0.1125	0.0000	OK
120 minute winter	J17	70	186.429	0.071	18.9	0.0805	0.0000	OK
120 minute winter	J18	68	186.280	0.086	22.1	0.0973	0.0000	OK
120 minute winter	J19	68	186.163	0.136	22.9	0.1542	0.0000	OK
120 minute winter	J20	190	186.016	0.085	1.2	0.0961	0.0000	OK
120 minute winter	J21	190	186.016	0.121	2.0	0.1367	0.0000	SURCHARGED
120 minute winter	J22	190	186.016	0.198	2.8	0.2238	0.0000	SURCHARGED
120 minute winter	J23	190	186.016	0.233	3.2	0.2636	0.0000	SURCHARGED
120 minute winter	J24	190	186.016	0.366	6.4	0.4143	0.0000	SURCHARGED
120 minute winter	J25	190	186.016	0.401	7.2	0.4536	0.0000	SURCHARGED
120 minute winter	J26	190	186.016	0.429	8.0	0.4857	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J12	1.013	J13	15.6	0.790	0.234	0.1282
120 minute winter	J13	1.014	J14	16.0	0.617	0.510	0.0491
120 minute winter	J14	1.015	J15	16.7	0.716	0.535	0.0447
120 minute winter	J15	1.016	J16	17.4	0.903	0.570	0.0990
120 minute winter	J16	1.017	J17	18.2	1.194	0.302	0.0511
120 minute winter	J17	1.018	S3	18.9	1.132	0.130	0.0317
120 minute winter	J18	1.020	J19	22.1	1.940	0.170	0.0171
120 minute winter	J19	1.021	S4	22.9	0.818	0.416	0.1233
120 minute winter	J20	23.002	J21	1.2	0.460	0.197	0.0282
120 minute winter	J21	23.003	J22	2.0	0.545	0.331	0.0627
120 minute winter	J22	23.004	J23	2.8	0.654	0.463	0.0281
120 minute winter	J23	23.005	S18	3.2	0.742	0.534	0.0587
120 minute winter	J24	23.007	J25	6.4	0.601	0.483	0.1088
120 minute winter	J25	23.008	J26	7.2	0.634	0.543	0.0874
120 minute winter	J26	23.009	S19	8.0	0.749	0.602	0.0652

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J27	190	186.027	0.566	11.6	0.6406	0.0000	SURCHARGED
120 minute winter	J28	66	186.421	0.065	4.1	0.0734	0.0000	OK
120 minute winter	J29	66	186.346	0.075	4.8	0.0852	0.0000	OK
120 minute winter	J30	68	186.231	0.084	6.4	0.0946	0.0000	OK
120 minute winter	J31	68	186.203	0.084	7.2	0.0955	0.0000	OK
120 minute winter	J32	68	186.149	0.085	8.0	0.0957	0.0000	OK
120 minute winter	J33	66	185.667	0.057	11.0	0.0648	0.0000	OK
120 minute winter	J34	66	185.223	0.098	14.4	0.1107	0.0000	OK
120 minute winter	J35	66	185.141	0.066	15.1	0.0746	0.0000	OK
120 minute winter	J36	68	184.983	0.108	15.9	0.1220	0.0000	OK
120 minute winter	J37	66	184.690	0.115	18.7	0.1303	0.0000	OK
120 minute winter	J38	66	184.527	0.152	20.6	0.1718	0.0000	OK
120 minute winter	J39	66	184.485	0.147	21.3	0.1664	0.0000	OK
120 minute winter	J40	66	184.451	0.126	22.4	0.1420	0.0000	OK
120 minute winter	J41	66	184.633	0.036	1.5	0.0402	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J27	23.011	S4	11.6	0.723	0.389	0.0951
120 minute winter	J28	32.001	J29	4.1	0.701	0.692	0.0516
120 minute winter	J29	32.002	S12	4.8	0.799	0.808	0.0279
120 minute winter	J30	32.004	J31	6.4	0.627	0.480	0.0505
120 minute winter	J31	32.005	J32	7.2	0.701	0.539	0.0996
120 minute winter	J32	32.006	S13	8.0	0.943	0.599	0.0449
120 minute winter	J33	32.008	S14	11.0	1.053	0.309	0.0946
120 minute winter	J34	32.010	J35	14.4	1.105	0.374	0.1183
120 minute winter	J35	32.011	J36	15.1	1.071	0.170	0.0977
120 minute winter	J36	32.012	S15	16.6	1.164	0.555	0.0342
120 minute winter	J37	32.014	S16	18.7	1.212	0.614	0.0804
120 minute winter	J38	32.016	J39	20.6	0.734	0.681	0.3030
120 minute winter	J39	32.017	J40	21.3	0.849	0.693	0.0919
120 minute winter	J40	32.018	S10	22.4	1.045	0.521	0.2056
120 minute winter	J41	48.002	J42	1.5	0.526	0.253	0.0178

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J42	66	184.580	0.043	2.3	0.0488	0.0000	OK
120 minute winter	J43	64	184.432	0.072	4.4	0.0816	0.0000	OK
120 minute winter	J44	66	184.420	0.069	5.2	0.0786	0.0000	OK
120 minute winter	J45	66	184.401	0.101	6.0	0.1137	0.0000	OK
120 minute winter	J46	66	184.377	0.105	8.6	0.1183	0.0000	OK
120 minute winter	J47	66	184.351	0.103	9.3	0.1166	0.0000	OK
120 minute winter	J48	66	184.277	0.123	11.5	0.1389	0.0000	OK
120 minute winter	J49	68	184.265	0.136	12.3	0.1537	0.0000	OK
120 minute winter	J50	68	184.256	0.131	13.0	0.1482	0.0000	OK
120 minute winter	J51	68	184.243	0.134	13.7	0.1521	0.0000	OK
120 minute winter	J52	68	184.230	0.126	14.6	0.1421	0.0000	OK
120 minute winter	J53	68	184.205	0.118	15.3	0.1338	0.0000	OK
120 minute winter	J54	72	185.025	0.046	2.1	0.0520	0.0000	OK
120 minute winter	J55	72	184.996	0.052	2.9	0.0592	0.0000	OK
120 minute winter	J56	68	184.123	0.156	23.4	0.1763	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J42	48.003	S21	2.3	0.555	0.387	0.0338
120 minute winter	J43	48.005	J44	4.4	0.542	0.316	0.0131
120 minute winter	J44	48.006	J45	5.2	0.507	0.388	0.0901
120 minute winter	J45	48.007	S22	6.0	0.480	0.440	0.0309
120 minute winter	J46	48.009	J47	8.5	0.657	0.641	0.0548
120 minute winter	J47	48.010	S23	9.2	0.778	0.694	0.0314
120 minute winter	J48	48.012	J49	11.5	0.487	0.384	0.1758
120 minute winter	J49	48.013	J50	12.3	0.501	0.400	0.0278
120 minute winter	J50	48.014	J51	13.0	0.536	0.436	0.1236
120 minute winter	J51	48.015	J52	13.8	0.579	0.449	0.0270
120 minute winter	J52	48.016	J53	14.6	0.663	0.478	0.1071
120 minute winter	J53	48.017	S24	15.3	0.793	0.507	0.1980
120 minute winter	J54	65.002	J55	2.1	0.554	0.359	0.0139
120 minute winter	J55	65.003	S24	2.9	0.728	0.495	0.0315
120 minute winter	J56	48.019	J57	23.4	0.642	0.431	0.3312

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Results for 30 year +35% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J57	68	184.097	0.152	24.1	0.1723	0.0000	OK
120 minute winter	BASIN 1	168	186.004	1.003	35.2	133.0274	0.0000	SURCHARGED
120 minute winter	BASIN 2	360	184.529	0.229	1.5	21.0321	0.0000	OK
120 minute winter	BASIN 3	202	183.231	0.131	26.5	91.8650	0.0000	OK
120 minute winter	BASIN 4	198	184.031	0.701	24.1	100.0946	0.0000	SURCHARGED
120 minute winter	SWALE 1	170	184.965	0.033	1.4	0.0378	0.0000	OK
120 minute winter	SWALE 2	2	184.450	0.000	0.0	0.0000	0.0000	OK
120 minute winter	SWALE 3	66	184.199	0.129	25.6	0.1460	0.0000	OK
120 minute winter	BH1	360	184.529	0.452	1.0	2.1119	0.0000	OK
120 minute winter	BH2	174	183.232	0.180	4.4	2.5013	0.0000	OK
120 minute winter	BH3	200	184.031	0.725	3.9	4.9887	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J57	48.020	S25	24.1	0.708	0.447	0.2698
120 minute winter	BASIN 1	1.023	S5	1.5	0.241	0.027	0.6013
120 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
120 minute winter	BASIN 2	71.000	BH1	1.0	0.500	0.175	0.1829
120 minute winter	BASIN 3	1.034	BH2	4.4	0.451	0.053	1.1707
120 minute winter	BASIN 4	48.022	BH3	3.9	0.624	0.073	0.7181
120 minute winter	SWALE 1	1.025	S6	1.4	0.326	0.026	0.1624
120 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
120 minute winter	SWALE 3	1.033	BASIN 3	25.6	0.916	0.369	1.2083
120 minute winter	BH1	Infiltration		0.1			
120 minute winter	BH2	Infiltration		0.2			
120 minute winter	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S1	96	188.398	0.028	1.5	0.0380	0.0000	OK
180 minute summer	S2	96	187.154	0.115	14.1	0.1688	0.0000	OK
180 minute summer	S3	100	186.335	0.123	20.3	0.1595	0.0000	OK
180 minute summer	S4	200	185.999	0.621	33.5	0.7377	0.0000	SURCHARGED
180 minute summer	S5	200	185.998	1.018	1.4	1.1517	0.0000	SURCHARGED
180 minute summer	S6	204	184.878	0.034	1.4	0.0383	0.0000	OK
180 minute summer	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
180 minute summer	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
180 minute summer	S9	96	184.275	0.075	0.1	0.0847	0.0000	OK
180 minute summer	S10	96	184.275	0.091	24.6	0.1387	0.0000	OK
180 minute summer	S11	96	186.459	0.059	3.3	0.0968	0.0000	OK
180 minute summer	S12	96	186.251	0.075	5.3	0.0849	0.0000	OK
180 minute summer	S13	96	186.094	0.060	9.8	0.0848	0.0000	OK
180 minute summer	S14	96	185.363	0.113	13.7	0.1776	0.0000	OK
180 minute summer	S15	96	184.933	0.066	17.4	0.0922	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	S1	1.000	J1	1.5	0.523	0.172	0.0239
180 minute summer	S2	1.012	J12	14.1	0.765	0.472	0.0275
180 minute summer	S3	1.019	J18	20.3	1.148	0.665	0.0911
180 minute summer	S4	1.022	BASIN 1	33.1	1.435	0.198	1.1778
180 minute summer	S5	1.024	SWALE 1	1.4	0.327	0.026	0.0870
180 minute summer	S6	1.026	BASIN 2	1.4	0.371	0.026	0.0217
180 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
180 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0824
180 minute summer	S9	1.031	S10	-0.1	-0.041	-0.002	0.1060
180 minute summer	S10	1.032	SWALE 3	24.5	1.073	0.136	0.1000
180 minute summer	S11	32.000	J28	3.3	0.662	0.555	0.0228
180 minute summer	S12	32.003	J30	5.3	0.575	0.397	0.0469
180 minute summer	S13	32.007	J33	9.8	1.564	0.303	0.0813
180 minute summer	S14	32.009	J34	13.6	1.019	0.785	0.0699
180 minute summer	S15	32.013	J37	17.2	1.173	0.186	0.1380

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S16	96	184.625	0.068	19.0	0.0860	0.0000	OK
180 minute summer	S17	116	186.017	0.017	0.4	0.0195	0.0000	OK
180 minute summer	S18	220	186.013	0.352	5.5	0.4972	0.0000	SURCHARGED
180 minute summer	S19	220	186.009	0.518	10.3	0.7095	0.0000	SURCHARGED
180 minute summer	S20	96	184.678	0.036	1.5	0.0439	0.0000	OK
180 minute summer	S21	100	184.519	0.060	3.5	0.0709	0.0000	OK
180 minute summer	S22	100	184.390	0.104	7.5	0.1267	0.0000	OK
180 minute summer	S23	100	184.282	0.124	10.3	0.1465	0.0000	OK
180 minute summer	S24	100	184.135	0.158	21.9	0.2293	0.0000	OK
180 minute summer	S25	100	184.062	0.136	23.0	0.1542	0.0000	OK
180 minute summer	S26	100	185.403	0.026	1.2	0.0309	0.0000	OK
180 minute summer	FC1	108	188.877	0.627	1.3	0.9242	0.0000	SURCHARGED
180 minute summer	FC2	108	188.777	0.627	1.3	0.9275	0.0000	SURCHARGED
180 minute summer	FC3	116	188.870	0.670	2.1	2.1953	0.0000	SURCHARGED
180 minute summer	FC4	104	188.713	0.513	1.1	0.6618	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	S16	32.015	J38	19.0	1.013	0.129	0.0434
180 minute summer	S17	23.001	J20	0.4	0.350	0.064	0.0267
180 minute summer	S18	23.006	J24	5.5	0.555	0.398	0.0323
180 minute summer	S19	23.010	J27	10.3	0.606	0.344	0.3541
180 minute summer	S20	48.001	J41	1.5	0.593	0.250	0.0116
180 minute summer	S21	48.004	J43	3.5	0.751	0.592	0.0238
180 minute summer	S22	48.008	J46	7.5	0.588	0.562	0.0313
180 minute summer	S23	48.011	J48	10.3	0.475	0.335	0.0247
180 minute summer	S24	48.018	J56	21.9	0.600	0.410	0.1553
180 minute summer	S25	48.021	BASIN 4	23.0	0.819	0.416	0.0896
180 minute summer	S26	65.001	J54	1.2	0.766	0.136	0.0132
180 minute summer	FC1	2.000	J1	0.8	0.455	0.127	0.0128
180 minute summer	FC2	3.000	J2	0.8	0.290	0.138	0.0195
180 minute summer	FC3	4.000	J3	0.8	0.551	0.128	0.0138
180 minute summer	FC4	5.000	J4	0.7	0.597	0.093	0.0087

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC5	108	188.626	0.626	1.3	0.9263	0.0000	SURCHARGED
180 minute summer	FC6	104	188.362	0.512	1.1	0.6605	0.0000	SURCHARGED
180 minute summer	FC7	104	188.263	0.513	1.1	0.6622	0.0000	SURCHARGED
180 minute summer	FC8	108	188.376	0.626	1.3	0.9191	0.0000	SURCHARGED
180 minute summer	FC9	104	187.985	0.515	1.1	0.6644	0.0000	SURCHARGED
180 minute summer	FC10	112	188.132	0.662	1.9	1.7792	0.0000	SURCHARGED
180 minute summer	FC11	104	187.910	0.590	1.2	0.7732	0.0000	SURCHARGED
180 minute summer	FC12	104	187.820	0.590	1.2	0.7732	0.0000	SURCHARGED
180 minute summer	FC13	108	187.627	0.627	1.3	0.9256	0.0000	SURCHARGED
180 minute summer	FC14	120	187.066	0.166	1.3	2.1189	0.0000	SURCHARGED
180 minute summer	FC15	104	187.708	0.508	1.1	0.6560	0.0000	SURCHARGED
180 minute summer	FC16	104	187.414	0.514	1.1	0.6635	0.0000	SURCHARGED
180 minute summer	FC17	104	187.510	0.510	1.1	0.6578	0.0000	SURCHARGED
180 minute summer	FC18	104	187.065	0.515	1.1	0.6645	0.0000	SURCHARGED
180 minute summer	FC19	108	187.027	0.627	1.3	0.9257	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC5	6.000	J5	0.8	0.510	0.132	0.0064
180 minute summer	FC6	7.000	J6	0.7	0.657	0.082	0.0079
180 minute summer	FC7	8.000	J7	0.7	0.548	0.100	0.0119
180 minute summer	FC8	9.000	J8	0.8	0.725	0.081	0.0045
180 minute summer	FC9	10.000	J9	0.7	0.503	0.119	0.0102
180 minute summer	FC10	11.000	J10	0.8	0.562	0.122	0.0090
180 minute summer	FC11	12.000	J11	0.8	0.511	0.129	0.0115
180 minute summer	FC12	13.000	S2	0.8	0.510	0.128	0.0102
180 minute summer	FC13	14.000	J12	0.8	0.516	0.132	0.0104
180 minute summer	FC14	15.000	J13	0.4	0.423	0.066	0.0069
180 minute summer	FC15	16.000	J14	0.7	1.067	0.041	0.0031
180 minute summer	FC16	17.000	J15	0.7	0.534	0.109	0.0101
180 minute summer	FC17	18.000	J16	0.7	0.847	0.057	0.0040
180 minute summer	FC18	19.000	J17	0.7	0.500	0.120	0.0099
180 minute summer	FC19	20.000	S3	0.8	0.513	0.133	0.0101

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC20	108	187.576	0.626	1.3	0.9142	0.0000	SURCHARGED
180 minute summer	FC21	108	186.927	0.627	1.3	0.9258	0.0000	SURCHARGED
180 minute summer	FC22	116	186.603	0.153	1.1	1.4909	0.0000	SURCHARGED
180 minute summer	FC23	104	186.814	0.514	1.1	0.6640	0.0000	SURCHARGED
180 minute summer	FC24	108	186.927	0.627	1.3	0.9225	0.0000	SURCHARGED
180 minute summer	FC25	108	187.176	0.626	1.3	0.9142	0.0000	SURCHARGED
180 minute summer	FC26	116	186.599	0.149	1.1	1.5107	0.0000	SURCHARGED
180 minute summer	FC27	104	187.008	0.508	1.1	0.6558	0.0000	SURCHARGED
180 minute summer	FC28	108	187.126	0.626	1.3	0.9142	0.0000	SURCHARGED
180 minute summer	FC29	108	187.136	0.636	1.5	1.0965	0.0000	SURCHARGED
180 minute summer	FC30	108	187.376	0.626	1.3	0.9150	0.0000	SURCHARGED
180 minute summer	FC31	104	186.961	0.511	1.1	0.6599	0.0000	SURCHARGED
180 minute summer	FC32	104	186.959	0.509	1.1	0.6574	0.0000	SURCHARGED
180 minute summer	FC33	108	187.076	0.626	1.3	0.9148	0.0000	SURCHARGED
180 minute summer	FC34	108	187.077	0.627	1.3	0.9253	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC20	21.000	J18	0.8	1.039	0.049	0.0033
180 minute summer	FC21	22.000	J19	0.8	0.515	0.133	0.0116
180 minute summer	FC22	23.000	S17	0.4	0.601	0.020	0.0031
180 minute summer	FC23	24.000	J20	0.7	0.520	0.112	0.0062
180 minute summer	FC24	25.000	J21	0.8	0.601	0.106	0.0061
180 minute summer	FC25	26.000	J22	0.8	1.031	0.050	0.0036
180 minute summer	FC26	27.000	J23	0.4	0.732	0.028	0.0024
180 minute summer	FC27	28.000	J24	0.7	1.101	0.039	0.0029
180 minute summer	FC28	29.000	J25	0.8	1.037	0.049	0.0033
180 minute summer	FC29	30.000	J26	0.8	1.010	0.052	0.0037
180 minute summer	FC30	31.000	J27	0.8	0.967	0.054	0.0036
180 minute summer	FC31	33.000	J28	0.7	0.365	0.079	0.0131
180 minute summer	FC32	34.000	J29	0.7	0.307	0.056	0.0142
180 minute summer	FC33	35.000	S12	0.8	0.950	0.056	0.0048
180 minute summer	FC34	36.000	J30	0.8	0.528	0.127	0.0071

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC35	108	187.076	0.626	1.3	0.9148	0.0000	SURCHARGED
180 minute summer	FC36	108	187.085	0.635	1.5	1.0963	0.0000	SURCHARGED
180 minute summer	FC37	112	186.455	0.655	1.7	1.5295	0.0000	SURCHARGED
180 minute summer	FC38	116	185.582	0.132	1.1	1.5920	0.0000	SURCHARGED
180 minute summer	FC39	104	185.959	0.509	1.1	0.6569	0.0000	SURCHARGED
180 minute summer	FC40	108	186.082	0.582	1.3	0.9312	0.0000	SURCHARGED
180 minute summer	FC41	108	185.476	0.626	1.3	0.9182	0.0000	SURCHARGED
180 minute summer	FC42	108	185.226	0.626	1.3	0.9206	0.0000	SURCHARGED
180 minute summer	FC43	108	185.221	0.621	1.3	0.9191	0.0000	SURCHARGED
180 minute summer	FC44	96	184.622	0.022	1.1	0.0285	0.0000	OK
180 minute summer	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
180 minute summer	FC46	112	185.362	0.662	1.9	1.7806	0.0000	SURCHARGED
180 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute summer	FC48	108	185.426	0.626	1.3	0.9148	0.0000	SURCHARGED
180 minute summer	FC49	108	185.427	0.627	1.3	0.9262	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC35	37.000	J31	0.8	0.945	0.055	0.0074
180 minute summer	FC36	38.000	J32	0.8	1.028	0.050	0.0073
180 minute summer	FC37	39.000	J33	0.8	0.690	0.091	0.0077
180 minute summer	FC38	40.000	J34	0.4	0.689	0.028	0.0024
180 minute summer	FC39	41.000	J35	0.7	0.936	0.049	0.0034
180 minute summer	FC40	42.000	J36	0.8	1.168	0.040	0.0033
180 minute summer	FC41	43.000	J37	0.8	0.769	0.075	0.0052
180 minute summer	FC42	44.000	J38	0.8	0.669	0.091	0.0060
180 minute summer	FC43	45.000	J39	0.8	0.782	0.073	0.0043
180 minute summer	FC44	46.000	J40	1.1	0.885	0.098	0.0055
180 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
180 minute summer	FC46	48.000	S20	0.8	0.484	0.136	0.0121
180 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0066
180 minute summer	FC48	50.000	J42	0.8	0.456	0.056	0.0099
180 minute summer	FC49	51.000	S21	0.8	0.510	0.132	0.0067

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC50	108	185.427	0.627	1.3	0.9261	0.0000	SURCHARGED
180 minute summer	FC51	108	185.476	0.626	1.3	0.9261	0.0000	SURCHARGED
180 minute summer	FC52	112	185.894	0.644	1.6	1.3181	0.0000	SURCHARGED
180 minute summer	FC53	108	185.876	0.626	1.3	0.9196	0.0000	SURCHARGED
180 minute summer	FC54	104	185.760	0.510	1.1	0.6590	0.0000	SURCHARGED
180 minute summer	FC55	104	185.759	0.509	1.1	0.6568	0.0000	SURCHARGED
180 minute summer	FC56	108	185.976	0.626	1.3	0.9143	0.0000	SURCHARGED
180 minute summer	FC57	108	185.976	0.626	1.3	0.9150	0.0000	SURCHARGED
180 minute summer	FC58	104	185.859	0.509	1.1	0.6573	0.0000	SURCHARGED
180 minute summer	FC59	104	185.860	0.510	1.1	0.6580	0.0000	SURCHARGED
180 minute summer	FC60	108	185.976	0.626	1.3	0.9167	0.0000	SURCHARGED
180 minute summer	FC61	108	185.926	0.626	1.3	0.9202	0.0000	SURCHARGED
180 minute summer	FC62	112	185.917	0.667	2.0	1.9624	0.0000	SURCHARGED
180 minute summer	FC63	104	185.916	0.515	1.1	0.6655	0.0000	SURCHARGED
180 minute summer	FC64	108	185.684	0.684	1.3	0.9108	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC50	52.000	J43	0.8	0.511	0.132	0.0072
180 minute summer	FC51	55.000	S22	0.8	0.514	0.132	0.0094
180 minute summer	FC52	58.000	S23	0.8	0.752	0.079	0.0058
180 minute summer	FC53	61.000	J50	0.8	0.703	0.085	0.0048
180 minute summer	FC54	62.000	J51	0.7	0.757	0.066	0.0037
180 minute summer	FC55	64.000	J53	0.7	0.957	0.047	0.0031
180 minute summer	FC56	53.000	J44	0.8	1.019	0.051	0.0051
180 minute summer	FC57	54.000	J45	0.8	0.956	0.056	0.0054
180 minute summer	FC58	56.000	J46	0.7	0.891	0.053	0.0049
180 minute summer	FC59	57.000	J47	0.7	0.825	0.059	0.0055
180 minute summer	FC60	59.000	J48	0.8	0.842	0.067	0.0062
180 minute summer	FC61	60.000	J49	0.8	0.675	0.091	0.0086
180 minute summer	FC62	63.000	J52	0.8	0.627	0.106	0.0121
180 minute summer	FC63	65.000	S26	0.7	0.499	0.120	0.0037
180 minute summer	FC64	66.000	J54	0.8	0.356	0.139	0.0055

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC65	108	185.776	0.626	1.3	0.9127	0.0000	SURCHARGED
180 minute summer	FC66	108	185.627	0.627	1.3	0.9239	0.0000	SURCHARGED
180 minute summer	FC67	116	184.949	0.149	1.1	1.5373	0.0000	SURCHARGED
180 minute summer	FC68	104	185.062	0.512	1.1	0.6608	0.0000	SURCHARGED
180 minute summer	J1	96	188.251	0.051	3.7	0.0689	0.0000	OK
180 minute summer	J2	96	188.182	0.076	4.5	0.0863	0.0000	OK
180 minute summer	J3	96	188.112	0.066	5.2	0.0743	0.0000	OK
180 minute summer	J4	96	188.083	0.047	5.9	0.0537	0.0000	OK
180 minute summer	J5	96	187.952	0.042	6.6	0.0478	0.0000	OK
180 minute summer	J6	96	187.718	0.068	7.2	0.0764	0.0000	OK
180 minute summer	J7	100	187.681	0.081	7.9	0.0916	0.0000	OK
180 minute summer	J8	100	187.652	0.059	8.7	0.0665	0.0000	OK
180 minute summer	J9	100	187.356	0.081	9.4	0.0913	0.0000	OK
180 minute summer	J10	100	187.318	0.048	10.2	0.0538	0.0000	OK
180 minute summer	J11	100	187.191	0.070	10.9	0.0788	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC65	67.000	J55	0.8	0.394	0.042	0.0051
180 minute summer	FC66	68.000	S24	0.8	0.573	0.109	0.0029
180 minute summer	FC67	69.000	J56	0.4	0.404	0.062	0.0019
180 minute summer	FC68	70.000	J57	0.7	0.654	0.079	0.0025
180 minute summer	J1	1.001	J2	3.7	0.715	0.450	0.0262
180 minute summer	J2	1.002	J3	4.4	0.755	0.752	0.0061
180 minute summer	J3	1.003	J4	5.2	0.862	0.394	0.0119
180 minute summer	J4	1.004	J5	5.9	1.330	0.175	0.0156
180 minute summer	J5	1.005	J6	6.6	1.132	0.173	0.0334
180 minute summer	J6	1.006	J7	7.2	0.832	0.254	0.0171
180 minute summer	J7	1.007	J8	7.9	0.981	0.565	0.0091
180 minute summer	J8	1.008	J9	8.7	1.417	0.287	0.0518
180 minute summer	J9	1.009	J10	9.4	1.006	0.281	0.0113
180 minute summer	J10	1.010	J11	10.2	1.247	0.079	0.0202
180 minute summer	J11	1.011	S2	10.9	0.715	0.170	0.0825

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J12	96	186.887	0.078	14.9	0.0885	0.0000	OK
180 minute summer	J13	100	186.842	0.140	15.2	0.1581	0.0000	OK
180 minute summer	J14	100	186.827	0.132	15.9	0.1490	0.0000	OK
180 minute summer	J15	100	186.806	0.118	16.6	0.1329	0.0000	OK
180 minute summer	J16	100	186.767	0.097	17.4	0.1095	0.0000	OK
180 minute summer	J17	100	186.427	0.069	18.1	0.0778	0.0000	OK
180 minute summer	J18	100	186.278	0.084	21.1	0.0945	0.0000	OK
180 minute summer	J19	100	186.160	0.133	21.9	0.1505	0.0000	OK
180 minute summer	J20	220	186.013	0.082	1.1	0.0928	0.0000	OK
180 minute summer	J21	220	186.013	0.118	1.9	0.1334	0.0000	SURCHARGED
180 minute summer	J22	220	186.013	0.195	2.6	0.2206	0.0000	SURCHARGED
180 minute summer	J23	220	186.013	0.230	3.0	0.2600	0.0000	SURCHARGED
180 minute summer	J24	216	186.011	0.361	6.1	0.4083	0.0000	SURCHARGED
180 minute summer	J25	220	186.013	0.398	6.8	0.4502	0.0000	SURCHARGED
180 minute summer	J26	220	186.014	0.427	7.6	0.4830	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J12	1.013	J13	14.9	0.784	0.222	0.1234
180 minute summer	J13	1.014	J14	15.2	0.610	0.486	0.0475
180 minute summer	J14	1.015	J15	16.0	0.707	0.511	0.0432
180 minute summer	J15	1.016	J16	16.7	0.894	0.544	0.0956
180 minute summer	J16	1.017	J17	17.4	1.181	0.288	0.0494
180 minute summer	J17	1.018	S3	18.1	1.123	0.124	0.0305
180 minute summer	J18	1.020	J19	21.1	1.921	0.163	0.0165
180 minute summer	J19	1.021	S4	21.9	0.808	0.398	0.1195
180 minute summer	J20	23.002	J21	1.1	0.448	0.182	0.0278
180 minute summer	J21	23.003	J22	1.9	0.537	0.314	0.0627
180 minute summer	J22	23.004	J23	2.6	0.632	0.444	0.0281
180 minute summer	J23	23.005	S18	3.0	0.734	0.510	0.0587
180 minute summer	J24	23.007	J25	6.1	0.597	0.457	0.1088
180 minute summer	J25	23.008	J26	6.8	0.625	0.515	0.0874
180 minute summer	J26	23.009	S19	7.6	0.738	0.573	0.0652

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J27	220	186.026	0.565	11.1	0.6391	0.0000	SURCHARGED
180 minute summer	J28	96	186.419	0.063	3.9	0.0714	0.0000	OK
180 minute summer	J29	96	186.344	0.072	4.6	0.0820	0.0000	OK
180 minute summer	J30	96	186.228	0.081	6.0	0.0912	0.0000	OK
180 minute summer	J31	100	186.200	0.081	6.8	0.0920	0.0000	OK
180 minute summer	J32	100	186.146	0.082	7.6	0.0928	0.0000	OK
180 minute summer	J33	96	185.666	0.056	10.6	0.0633	0.0000	OK
180 minute summer	J34	96	185.221	0.096	13.9	0.1085	0.0000	OK
180 minute summer	J35	96	185.139	0.064	14.5	0.0727	0.0000	OK
180 minute summer	J36	96	184.981	0.106	15.3	0.1198	0.0000	OK
180 minute summer	J37	96	184.688	0.113	17.9	0.1274	0.0000	OK
180 minute summer	J38	96	184.522	0.147	19.7	0.1666	0.0000	OK
180 minute summer	J39	96	184.481	0.143	20.4	0.1615	0.0000	OK
180 minute summer	J40	96	184.447	0.122	21.5	0.1380	0.0000	OK
180 minute summer	J41	96	184.633	0.035	1.5	0.0401	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J27	23.011	S4	11.0	0.713	0.369	0.0951
180 minute summer	J28	32.001	J29	3.9	0.697	0.665	0.0498
180 minute summer	J29	32.002	S12	4.6	0.793	0.771	0.0268
180 minute summer	J30	32.004	J31	6.0	0.622	0.454	0.0482
180 minute summer	J31	32.005	J32	6.8	0.690	0.509	0.0955
180 minute summer	J32	32.006	S13	7.6	0.935	0.569	0.0433
180 minute summer	J33	32.008	S14	10.6	1.047	0.297	0.0919
180 minute summer	J34	32.010	J35	13.9	1.097	0.360	0.1149
180 minute summer	J35	32.011	J36	14.5	1.057	0.163	0.0951
180 minute summer	J36	32.012	S15	15.4	1.104	0.512	0.0332
180 minute summer	J37	32.014	S16	17.9	1.204	0.589	0.0777
180 minute summer	J38	32.016	J39	19.7	0.728	0.652	0.2927
180 minute summer	J39	32.017	J40	20.4	0.839	0.661	0.0887
180 minute summer	J40	32.018	S10	21.4	1.032	0.497	0.1984
180 minute summer	J41	48.002	J42	1.5	0.529	0.251	0.0176

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J42	96	184.580	0.043	2.2	0.0483	0.0000	OK
180 minute summer	J43	100	184.431	0.071	4.3	0.0802	0.0000	OK
180 minute summer	J44	100	184.418	0.068	5.1	0.0772	0.0000	OK
180 minute summer	J45	100	184.398	0.098	5.9	0.1107	0.0000	OK
180 minute summer	J46	100	184.374	0.102	8.2	0.1153	0.0000	OK
180 minute summer	J47	100	184.349	0.101	8.9	0.1141	0.0000	OK
180 minute summer	J48	100	184.274	0.120	11.1	0.1359	0.0000	OK
180 minute summer	J49	100	184.262	0.133	11.9	0.1507	0.0000	OK
180 minute summer	J50	100	184.254	0.128	12.7	0.1453	0.0000	OK
180 minute summer	J51	100	184.240	0.132	13.3	0.1492	0.0000	OK
180 minute summer	J52	100	184.227	0.123	14.1	0.1394	0.0000	OK
180 minute summer	J53	100	184.203	0.116	14.8	0.1314	0.0000	OK
180 minute summer	J54	100	185.023	0.044	2.0	0.0497	0.0000	OK
180 minute summer	J55	100	184.995	0.050	2.8	0.0571	0.0000	OK
180 minute summer	J56	100	184.118	0.151	22.3	0.1711	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J42	48.003	S21	2.2	0.555	0.378	0.0329
180 minute summer	J43	48.005	J44	4.3	0.539	0.307	0.0128
180 minute summer	J44	48.006	J45	5.1	0.507	0.380	0.0876
180 minute summer	J45	48.007	S22	5.9	0.476	0.432	0.0299
180 minute summer	J46	48.009	J47	8.2	0.651	0.618	0.0534
180 minute summer	J47	48.010	S23	8.9	0.769	0.670	0.0306
180 minute summer	J48	48.012	J49	11.1	0.484	0.371	0.1714
180 minute summer	J49	48.013	J50	11.9	0.496	0.388	0.0272
180 minute summer	J50	48.014	J51	12.7	0.532	0.423	0.1208
180 minute summer	J51	48.015	J52	13.3	0.574	0.435	0.0264
180 minute summer	J52	48.016	J53	14.1	0.659	0.463	0.1046
180 minute summer	J53	48.017	S24	14.8	0.785	0.491	0.1935
180 minute summer	J54	65.002	J55	2.0	0.542	0.333	0.0132
180 minute summer	J55	65.003	S24	2.8	0.717	0.466	0.0301
180 minute summer	J56	48.019	J57	22.3	0.634	0.411	0.3192

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Results for 30 year +35% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J57	100	184.093	0.148	23.0	0.1675	0.0000	OK
180 minute summer	BASIN 1	200	185.998	0.998	33.1	132.2183	0.0000	SURCHARGED
180 minute summer	BASIN 2	420	184.556	0.256	1.4	23.7400	0.0000	OK
180 minute summer	BASIN 3	232	183.231	0.131	24.3	91.4453	0.0000	OK
180 minute summer	BASIN 4	232	184.034	0.704	23.0	100.5351	0.0000	SURCHARGED
180 minute summer	SWALE 1	204	184.965	0.033	1.4	0.0377	0.0000	OK
180 minute summer	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWALE 3	96	184.195	0.125	24.5	0.1418	0.0000	OK
180 minute summer	BH1	420	184.556	0.479	0.9	2.1912	0.0000	OK
180 minute summer	BH2	244	183.231	0.179	3.0	2.4966	0.0000	OK
180 minute summer	BH3	232	184.034	0.728	2.7	5.0014	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J57	48.020	S25	23.0	0.699	0.425	0.2603
180 minute summer	BASIN 1	1.023	S5	1.4	0.184	0.027	0.6013
180 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
180 minute summer	BASIN 2	71.000	BH1	0.9	0.451	0.157	0.1829
180 minute summer	BASIN 3	1.034	BH2	3.0	0.366	0.036	1.1633
180 minute summer	BASIN 4	48.022	BH3	2.7	0.524	0.050	0.7181
180 minute summer	SWALE 1	1.025	S6	1.4	0.326	0.026	0.1621
180 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
180 minute summer	SWALE 3	1.033	BASIN 3	24.3	0.902	0.350	1.1640
180 minute summer	BH1	Infiltration		0.1			
180 minute summer	BH2	Infiltration		0.2			
180 minute summer	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S1	96	188.394	0.024	1.1	0.0325	0.0000	OK
180 minute winter	S2	100	187.148	0.109	12.8	0.1598	0.0000	OK
180 minute winter	S3	104	186.328	0.116	18.5	0.1511	0.0000	OK
180 minute winter	S4	204	186.100	0.722	30.0	0.8575	0.0000	SURCHARGED
180 minute winter	S5	204	186.099	1.119	1.5	1.2659	0.0000	SURCHARGED
180 minute winter	S6	208	184.879	0.035	1.5	0.0391	0.0000	OK
180 minute winter	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
180 minute winter	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
180 minute winter	S9	100	184.266	0.066	0.1	0.0749	0.0000	OK
180 minute winter	S10	100	184.266	0.082	21.0	0.1255	0.0000	OK
180 minute winter	S11	96	186.451	0.051	2.6	0.0829	0.0000	OK
180 minute winter	S12	100	186.244	0.068	4.5	0.0770	0.0000	OK
180 minute winter	S13	100	186.089	0.055	8.5	0.0784	0.0000	OK
180 minute winter	S14	100	185.351	0.101	11.6	0.1580	0.0000	OK
180 minute winter	S15	100	184.928	0.061	15.0	0.0849	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	S1	1.000	J1	1.1	0.481	0.126	0.0195
180 minute winter	S2	1.012	J12	12.8	0.743	0.427	0.0257
180 minute winter	S3	1.019	J18	18.5	1.121	0.604	0.0848
180 minute winter	S4	1.022	BASIN 1	29.2	1.572	0.174	1.1778
180 minute winter	S5	1.024	SWALE 1	1.5	0.332	0.027	0.0900
180 minute winter	S6	1.026	BASIN 2	1.5	0.377	0.027	0.0224
180 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
180 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0692
180 minute winter	S9	1.031	S10	-0.1	-0.049	-0.002	0.0908
180 minute winter	S10	1.032	SWALE 3	21.0	1.041	0.117	0.0886
180 minute winter	S11	32.000	J28	2.6	0.621	0.437	0.0190
180 minute winter	S12	32.003	J30	4.5	0.554	0.341	0.0419
180 minute winter	S13	32.007	J33	8.5	1.504	0.265	0.0738
180 minute winter	S14	32.009	J34	11.6	0.987	0.670	0.0617
180 minute winter	S15	32.013	J37	14.9	1.129	0.161	0.1244

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S16	100	184.618	0.061	16.4	0.0766	0.0000	OK
180 minute winter	S17	204	186.105	0.105	0.4	0.1186	0.0000	SURCHARGED
180 minute winter	S18	208	186.104	0.443	4.9	0.6255	0.0000	SURCHARGED
180 minute winter	S19	208	186.102	0.611	9.1	0.8374	0.0000	SURCHARGED
180 minute winter	S20	104	184.675	0.033	1.3	0.0407	0.0000	OK
180 minute winter	S21	104	184.516	0.057	3.2	0.0675	0.0000	OK
180 minute winter	S22	104	184.384	0.098	7.0	0.1202	0.0000	OK
180 minute winter	S23	104	184.276	0.118	9.6	0.1399	0.0000	OK
180 minute winter	S24	104	184.128	0.151	20.3	0.2186	0.0000	OK
180 minute winter	S25	236	184.107	0.181	21.2	0.2043	0.0000	OK
180 minute winter	S26	104	185.401	0.024	1.1	0.0290	0.0000	OK
180 minute winter	FC1	112	188.871	0.620	1.0	0.8374	0.0000	SURCHARGED
180 minute winter	FC2	112	188.771	0.620	1.0	0.8381	0.0000	SURCHARGED
180 minute winter	FC3	124	188.874	0.674	1.6	2.2831	0.0000	SURCHARGED
180 minute winter	FC4	108	188.645	0.445	0.8	0.5748	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	S16	32.015	J38	16.4	0.997	0.111	0.0384
180 minute winter	S17	23.001	J20	0.4	0.310	0.066	0.0560
180 minute winter	S18	23.006	J24	4.9	0.542	0.356	0.0323
180 minute winter	S19	23.010	J27	9.1	0.584	0.303	0.3541
180 minute winter	S20	48.001	J41	1.3	0.577	0.218	0.0104
180 minute winter	S21	48.004	J43	3.2	0.738	0.548	0.0224
180 minute winter	S22	48.008	J46	7.0	0.579	0.523	0.0295
180 minute winter	S23	48.011	J48	9.6	0.465	0.312	0.0233
180 minute winter	S24	48.018	J56	20.3	0.588	0.379	0.1462
180 minute winter	S25	48.021	BASIN 4	21.2	0.801	0.385	0.1452
180 minute winter	S26	65.001	J54	1.0	0.740	0.120	0.0121
180 minute winter	FC1	2.000	J1	0.8	0.428	0.126	0.0112
180 minute winter	FC2	3.000	J2	0.8	0.274	0.131	0.0158
180 minute winter	FC3	4.000	J3	0.8	0.551	0.128	0.0139
180 minute winter	FC4	5.000	J4	0.7	0.585	0.087	0.0083

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC5	112	188.621	0.620	1.0	0.8394	0.0000	SURCHARGED
180 minute winter	FC6	108	188.294	0.444	0.8	0.5733	0.0000	SURCHARGED
180 minute winter	FC7	108	188.196	0.446	0.8	0.5752	0.0000	SURCHARGED
180 minute winter	FC8	112	188.370	0.620	1.0	0.8321	0.0000	SURCHARGED
180 minute winter	FC9	108	187.917	0.447	0.8	0.5776	0.0000	SURCHARGED
180 minute winter	FC10	120	188.131	0.661	1.4	1.7540	0.0000	SURCHARGED
180 minute winter	FC11	112	187.865	0.545	0.9	0.7144	0.0000	SURCHARGED
180 minute winter	FC12	112	187.775	0.545	0.9	0.7144	0.0000	SURCHARGED
180 minute winter	FC13	112	187.621	0.621	1.0	0.8389	0.0000	SURCHARGED
180 minute winter	FC14	128	187.081	0.181	1.0	2.3173	0.0000	SURCHARGED
180 minute winter	FC15	108	187.640	0.440	0.8	0.5680	0.0000	SURCHARGED
180 minute winter	FC16	108	187.347	0.447	0.8	0.5766	0.0000	SURCHARGED
180 minute winter	FC17	108	187.442	0.442	0.8	0.5702	0.0000	SURCHARGED
180 minute winter	FC18	108	186.998	0.448	0.8	0.5777	0.0000	SURCHARGED
180 minute winter	FC19	112	187.021	0.621	1.0	0.8390	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC5	6.000	J5	0.8	0.509	0.132	0.0063
180 minute winter	FC6	7.000	J6	0.7	0.643	0.076	0.0075
180 minute winter	FC7	8.000	J7	0.7	0.544	0.093	0.0103
180 minute winter	FC8	9.000	J8	0.8	0.724	0.081	0.0045
180 minute winter	FC9	10.000	J9	0.7	0.493	0.111	0.0097
180 minute winter	FC10	11.000	J10	0.8	0.562	0.122	0.0090
180 minute winter	FC11	12.000	J11	0.7	0.505	0.124	0.0112
180 minute winter	FC12	13.000	S2	0.7	0.505	0.123	0.0100
180 minute winter	FC13	14.000	J12	0.8	0.515	0.132	0.0104
180 minute winter	FC14	15.000	J13	0.4	0.429	0.069	0.0072
180 minute winter	FC15	16.000	J14	0.7	1.044	0.038	0.0030
180 minute winter	FC16	17.000	J15	0.7	0.523	0.102	0.0096
180 minute winter	FC17	18.000	J16	0.7	0.830	0.052	0.0038
180 minute winter	FC18	19.000	J17	0.7	0.490	0.111	0.0094
180 minute winter	FC19	20.000	S3	0.8	0.513	0.132	0.0101

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC20	112	187.570	0.620	1.0	0.8270	0.0000	SURCHARGED
180 minute winter	FC21	112	186.921	0.621	1.0	0.8389	0.0000	SURCHARGED
180 minute winter	FC22	124	186.612	0.162	0.8	1.5705	0.0000	SURCHARGED
180 minute winter	FC23	108	186.747	0.447	0.8	0.5772	0.0000	SURCHARGED
180 minute winter	FC24	112	186.920	0.620	1.0	0.8357	0.0000	SURCHARGED
180 minute winter	FC25	112	187.170	0.620	1.0	0.8271	0.0000	SURCHARGED
180 minute winter	FC26	124	186.608	0.158	0.8	1.5948	0.0000	SURCHARGED
180 minute winter	FC27	108	186.940	0.440	0.8	0.5677	0.0000	SURCHARGED
180 minute winter	FC28	112	187.120	0.620	1.0	0.8270	0.0000	SURCHARGED
180 minute winter	FC29	112	187.129	0.629	1.1	0.9875	0.0000	SURCHARGED
180 minute winter	FC30	112	187.370	0.620	1.0	0.8279	0.0000	SURCHARGED
180 minute winter	FC31	108	186.894	0.444	0.8	0.5726	0.0000	SURCHARGED
180 minute winter	FC32	108	186.891	0.441	0.8	0.5698	0.0000	SURCHARGED
180 minute winter	FC33	112	187.070	0.620	1.0	0.8279	0.0000	SURCHARGED
180 minute winter	FC34	112	187.071	0.621	1.0	0.8385	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC20	21.000	J18	0.8	1.037	0.049	0.0033
180 minute winter	FC21	22.000	J19	0.8	0.514	0.132	0.0116
180 minute winter	FC22	23.000	S17	0.4	0.605	0.021	0.0194
180 minute winter	FC23	24.000	J20	0.7	0.509	0.104	0.0059
180 minute winter	FC24	25.000	J21	0.8	0.600	0.105	0.0060
180 minute winter	FC25	26.000	J22	0.8	1.030	0.050	0.0036
180 minute winter	FC26	27.000	J23	0.4	0.738	0.029	0.0024
180 minute winter	FC27	28.000	J24	0.7	1.078	0.036	0.0028
180 minute winter	FC28	29.000	J25	0.8	1.035	0.049	0.0033
180 minute winter	FC29	30.000	J26	0.8	1.009	0.051	0.0037
180 minute winter	FC30	31.000	J27	0.8	0.965	0.054	0.0036
180 minute winter	FC31	33.000	J28	0.7	0.343	0.073	0.0113
180 minute winter	FC32	34.000	J29	0.7	0.290	0.052	0.0124
180 minute winter	FC33	35.000	S12	0.8	0.948	0.055	0.0036
180 minute winter	FC34	36.000	J30	0.8	0.527	0.126	0.0071

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC35	112	187.070	0.620	1.0	0.8276	0.0000	SURCHARGED
180 minute winter	FC36	112	187.078	0.628	1.1	0.9870	0.0000	SURCHARGED
180 minute winter	FC37	116	186.452	0.652	1.3	1.4771	0.0000	SURCHARGED
180 minute winter	FC38	124	185.591	0.141	0.8	1.6940	0.0000	SURCHARGED
180 minute winter	FC39	108	185.891	0.441	0.8	0.5692	0.0000	SURCHARGED
180 minute winter	FC40	112	186.075	0.575	1.0	0.8419	0.0000	SURCHARGED
180 minute winter	FC41	112	185.470	0.620	1.0	0.8311	0.0000	SURCHARGED
180 minute winter	FC42	112	185.220	0.620	1.0	0.8335	0.0000	SURCHARGED
180 minute winter	FC43	112	185.220	0.619	1.0	0.8309	0.0000	SURCHARGED
180 minute winter	FC44	92	184.619	0.019	0.8	0.0242	0.0000	OK
180 minute winter	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
180 minute winter	FC46	120	185.361	0.661	1.4	1.7557	0.0000	SURCHARGED
180 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute winter	FC48	112	185.420	0.620	1.0	0.8277	0.0000	SURCHARGED
180 minute winter	FC49	112	185.421	0.621	1.0	0.8394	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC35	37.000	J31	0.8	0.938	0.055	0.0061
180 minute winter	FC36	38.000	J32	0.8	1.011	0.050	0.0062
180 minute winter	FC37	39.000	J33	0.8	0.690	0.091	0.0076
180 minute winter	FC38	40.000	J34	0.4	0.696	0.029	0.0025
180 minute winter	FC39	41.000	J35	0.7	0.916	0.046	0.0032
180 minute winter	FC40	42.000	J36	0.8	1.166	0.039	0.0033
180 minute winter	FC41	43.000	J37	0.8	0.768	0.075	0.0051
180 minute winter	FC42	44.000	J38	0.8	0.669	0.091	0.0058
180 minute winter	FC43	45.000	J39	0.8	0.782	0.072	0.0043
180 minute winter	FC44	46.000	J40	0.8	0.809	0.071	0.0043
180 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
180 minute winter	FC46	48.000	S20	0.8	0.484	0.136	0.0114
180 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0059
180 minute winter	FC48	50.000	J42	0.8	0.478	0.056	0.0096
180 minute winter	FC49	51.000	S21	0.8	0.510	0.132	0.0067

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC50	112	185.421	0.621	1.0	0.8393	0.0000	SURCHARGED
180 minute winter	FC51	112	185.470	0.620	1.0	0.8391	0.0000	SURCHARGED
180 minute winter	FC52	116	185.889	0.639	1.2	1.2298	0.0000	SURCHARGED
180 minute winter	FC53	112	185.870	0.620	1.0	0.8327	0.0000	SURCHARGED
180 minute winter	FC54	108	185.693	0.443	0.8	0.5716	0.0000	SURCHARGED
180 minute winter	FC55	108	185.691	0.441	0.8	0.5689	0.0000	SURCHARGED
180 minute winter	FC56	112	185.970	0.620	1.0	0.8272	0.0000	SURCHARGED
180 minute winter	FC57	112	185.970	0.620	1.0	0.8279	0.0000	SURCHARGED
180 minute winter	FC58	108	185.791	0.441	0.8	0.5696	0.0000	SURCHARGED
180 minute winter	FC59	108	185.792	0.442	0.8	0.5704	0.0000	SURCHARGED
180 minute winter	FC60	112	185.970	0.620	1.0	0.8296	0.0000	SURCHARGED
180 minute winter	FC61	112	185.920	0.620	1.0	0.8333	0.0000	SURCHARGED
180 minute winter	FC62	120	185.918	0.668	1.5	2.0010	0.0000	SURCHARGED
180 minute winter	FC63	108	185.848	0.448	0.8	0.5787	0.0000	SURCHARGED
180 minute winter	FC64	112	185.630	0.629	1.0	0.8378	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC50	52.000	J43	0.8	0.510	0.132	0.0071
180 minute winter	FC51	55.000	S22	0.8	0.513	0.132	0.0093
180 minute winter	FC52	58.000	S23	0.8	0.751	0.079	0.0058
180 minute winter	FC53	61.000	J50	0.8	0.702	0.084	0.0048
180 minute winter	FC54	62.000	J51	0.7	0.741	0.061	0.0035
180 minute winter	FC55	64.000	J53	0.7	0.936	0.044	0.0029
180 minute winter	FC56	53.000	J44	0.8	1.018	0.051	0.0051
180 minute winter	FC57	54.000	J45	0.8	0.954	0.055	0.0053
180 minute winter	FC58	56.000	J46	0.7	0.873	0.049	0.0047
180 minute winter	FC59	57.000	J47	0.7	0.808	0.055	0.0052
180 minute winter	FC60	59.000	J48	0.8	0.841	0.066	0.0062
180 minute winter	FC61	60.000	J49	0.8	0.674	0.091	0.0086
180 minute winter	FC62	63.000	J52	0.8	0.628	0.106	0.0122
180 minute winter	FC63	65.000	S26	0.7	0.481	0.111	0.0035
180 minute winter	FC64	66.000	J54	0.8	0.350	0.133	0.0052

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC65	112	185.769	0.619	1.0	0.8256	0.0000	SURCHARGED
180 minute winter	FC66	112	185.621	0.620	1.0	0.8371	0.0000	SURCHARGED
180 minute winter	FC67	124	184.958	0.158	0.8	1.6286	0.0000	SURCHARGED
180 minute winter	FC68	108	184.994	0.444	0.8	0.5737	0.0000	SURCHARGED
180 minute winter	J1	100	188.244	0.044	3.0	0.0595	0.0000	OK
180 minute winter	J2	100	188.173	0.066	3.7	0.0752	0.0000	OK
180 minute winter	J3	100	188.107	0.061	4.5	0.0685	0.0000	OK
180 minute winter	J4	100	188.079	0.044	5.1	0.0496	0.0000	OK
180 minute winter	J5	100	187.950	0.040	5.9	0.0450	0.0000	OK
180 minute winter	J6	100	187.713	0.063	6.5	0.0712	0.0000	OK
180 minute winter	J7	104	187.677	0.077	7.1	0.0869	0.0000	OK
180 minute winter	J8	104	187.649	0.056	7.9	0.0632	0.0000	OK
180 minute winter	J9	104	187.352	0.077	8.6	0.0871	0.0000	OK
180 minute winter	J10	104	187.315	0.045	9.4	0.0513	0.0000	OK
180 minute winter	J11	104	187.188	0.067	10.1	0.0753	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC65	67.000	J55	0.8	0.434	0.042	0.0049
180 minute winter	FC66	68.000	S24	0.8	0.572	0.109	0.0029
180 minute winter	FC67	69.000	J56	0.4	0.408	0.064	0.0019
180 minute winter	FC68	70.000	J57	0.7	0.641	0.073	0.0023
180 minute winter	J1	1.001	J2	2.9	0.668	0.355	0.0222
180 minute winter	J2	1.002	J3	3.7	0.728	0.624	0.0053
180 minute winter	J3	1.003	J4	4.5	0.825	0.338	0.0107
180 minute winter	J4	1.004	J5	5.1	1.279	0.153	0.0142
180 minute winter	J5	1.005	J6	5.9	1.102	0.153	0.0305
180 minute winter	J6	1.006	J7	6.5	0.810	0.229	0.0158
180 minute winter	J7	1.007	J8	7.1	0.952	0.513	0.0085
180 minute winter	J8	1.008	J9	7.9	1.384	0.262	0.0484
180 minute winter	J9	1.009	J10	8.6	0.984	0.257	0.0106
180 minute winter	J10	1.010	J11	9.4	1.224	0.073	0.0189
180 minute winter	J11	1.011	S2	10.1	0.708	0.157	0.0771

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J12	100	186.883	0.074	13.5	0.0832	0.0000	OK
180 minute winter	J13	104	186.834	0.132	13.9	0.1492	0.0000	OK
180 minute winter	J14	104	186.820	0.125	14.5	0.1408	0.0000	OK
180 minute winter	J15	104	186.799	0.111	15.2	0.1258	0.0000	OK
180 minute winter	J16	104	186.762	0.092	15.8	0.1038	0.0000	OK
180 minute winter	J17	104	186.422	0.064	16.5	0.0728	0.0000	OK
180 minute winter	J18	104	186.273	0.079	19.2	0.0891	0.0000	OK
180 minute winter	J19	104	186.154	0.127	20.0	0.1435	0.0000	OK
180 minute winter	J20	204	186.105	0.174	1.0	0.1965	0.0000	SURCHARGED
180 minute winter	J21	204	186.105	0.210	1.8	0.2371	0.0000	SURCHARGED
180 minute winter	J22	204	186.104	0.286	2.6	0.3240	0.0000	SURCHARGED
180 minute winter	J23	208	186.104	0.321	3.0	0.3634	0.0000	SURCHARGED
180 minute winter	J24	208	186.104	0.454	5.5	0.5129	0.0000	SURCHARGED
180 minute winter	J25	208	186.103	0.488	6.3	0.5522	0.0000	SURCHARGED
180 minute winter	J26	208	186.103	0.516	7.1	0.5841	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J12	1.013	J13	13.5	0.767	0.202	0.1145
180 minute winter	J13	1.014	J14	13.9	0.594	0.442	0.0443
180 minute winter	J14	1.015	J15	14.5	0.690	0.465	0.0403
180 minute winter	J15	1.016	J16	15.2	0.874	0.496	0.0891
180 minute winter	J16	1.017	J17	15.8	1.154	0.263	0.0461
180 minute winter	J17	1.018	S3	16.5	1.109	0.113	0.0283
180 minute winter	J18	1.020	J19	19.3	1.885	0.148	0.0153
180 minute winter	J19	1.021	S4	20.0	0.786	0.363	0.1121
180 minute winter	J20	23.002	J21	1.0	0.442	0.176	0.0295
180 minute winter	J21	23.003	J22	1.8	0.535	0.307	0.0627
180 minute winter	J22	23.004	J23	2.6	0.652	0.437	0.0281
180 minute winter	J23	23.005	S18	3.0	0.732	0.503	0.0587
180 minute winter	J24	23.007	J25	5.5	0.583	0.415	0.1088
180 minute winter	J25	23.008	J26	6.3	0.611	0.472	0.0874
180 minute winter	J26	23.009	S19	7.0	0.721	0.529	0.0652

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J27	208	186.106	0.645	9.8	0.7289	0.0000	SURCHARGED
180 minute winter	J28	96	186.411	0.055	3.2	0.0622	0.0000	OK
180 minute winter	J29	96	186.335	0.064	3.8	0.0719	0.0000	OK
180 minute winter	J30	100	186.221	0.074	5.3	0.0841	0.0000	OK
180 minute winter	J31	100	186.195	0.076	6.1	0.0858	0.0000	OK
180 minute winter	J32	100	186.141	0.077	6.8	0.0875	0.0000	OK
180 minute winter	J33	100	185.662	0.052	9.3	0.0593	0.0000	OK
180 minute winter	J34	100	185.214	0.088	11.9	0.1001	0.0000	OK
180 minute winter	J35	100	185.134	0.059	12.6	0.0667	0.0000	OK
180 minute winter	J36	100	184.973	0.098	13.3	0.1105	0.0000	OK
180 minute winter	J37	100	184.679	0.104	15.6	0.1180	0.0000	OK
180 minute winter	J38	100	184.509	0.134	17.1	0.1515	0.0000	OK
180 minute winter	J39	100	184.469	0.131	17.9	0.1481	0.0000	OK
180 minute winter	J40	100	184.437	0.112	18.7	0.1267	0.0000	OK
180 minute winter	J41	104	184.630	0.033	1.3	0.0369	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J27	23.011	S4	9.8	0.688	0.328	0.0951
180 minute winter	J28	32.001	J29	3.2	0.664	0.541	0.0426
180 minute winter	J29	32.002	S12	3.8	0.764	0.642	0.0232
180 minute winter	J30	32.004	J31	5.3	0.601	0.399	0.0439
180 minute winter	J31	32.005	J32	6.0	0.669	0.455	0.0881
180 minute winter	J32	32.006	S13	6.8	0.915	0.513	0.0398
180 minute winter	J33	32.008	S14	9.3	1.037	0.262	0.0819
180 minute winter	J34	32.010	J35	11.9	1.057	0.310	0.1026
180 minute winter	J35	32.011	J36	12.6	1.025	0.141	0.0852
180 minute winter	J36	32.012	S15	13.5	1.092	0.450	0.0298
180 minute winter	J37	32.014	S16	15.6	1.183	0.512	0.0689
180 minute winter	J38	32.016	J39	17.1	0.704	0.567	0.2629
180 minute winter	J39	32.017	J40	17.9	0.817	0.580	0.0799
180 minute winter	J40	32.018	S10	18.6	0.999	0.433	0.1786
180 minute winter	J41	48.002	J42	1.3	0.506	0.219	0.0162

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J42	104	184.578	0.041	2.1	0.0463	0.0000	OK
180 minute winter	J43	104	184.428	0.068	4.0	0.0768	0.0000	OK
180 minute winter	J44	104	184.415	0.065	4.8	0.0738	0.0000	OK
180 minute winter	J45	104	184.393	0.093	5.6	0.1050	0.0000	OK
180 minute winter	J46	104	184.369	0.097	7.7	0.1096	0.0000	OK
180 minute winter	J47	104	184.345	0.096	8.3	0.1091	0.0000	OK
180 minute winter	J48	104	184.269	0.115	10.4	0.1297	0.0000	OK
180 minute winter	J49	104	184.257	0.128	11.2	0.1449	0.0000	OK
180 minute winter	J50	108	184.249	0.124	11.9	0.1398	0.0000	OK
180 minute winter	J51	108	184.236	0.127	12.6	0.1442	0.0000	OK
180 minute winter	J52	108	184.223	0.119	13.4	0.1348	0.0000	OK
180 minute winter	J53	108	184.200	0.113	14.0	0.1274	0.0000	OK
180 minute winter	J54	104	185.021	0.042	1.8	0.0473	0.0000	OK
180 minute winter	J55	104	184.993	0.049	2.6	0.0551	0.0000	OK
180 minute winter	J56	104	184.111	0.144	20.6	0.1633	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J42	48.003	S21	2.1	0.544	0.352	0.0311
180 minute winter	J43	48.005	J44	4.0	0.532	0.287	0.0121
180 minute winter	J44	48.006	J45	4.8	0.508	0.358	0.0824
180 minute winter	J45	48.007	S22	5.6	0.473	0.409	0.0282
180 minute winter	J46	48.009	J47	7.7	0.639	0.575	0.0506
180 minute winter	J47	48.010	S23	8.3	0.752	0.624	0.0292
180 minute winter	J48	48.012	J49	10.4	0.475	0.347	0.1626
180 minute winter	J49	48.013	J50	11.1	0.488	0.364	0.0259
180 minute winter	J50	48.014	J51	11.9	0.524	0.399	0.1155
180 minute winter	J51	48.015	J52	12.6	0.565	0.410	0.0253
180 minute winter	J52	48.016	J53	13.4	0.649	0.439	0.1004
180 minute winter	J53	48.017	S24	14.0	0.773	0.466	0.1863
180 minute winter	J54	65.002	J55	1.8	0.529	0.308	0.0125
180 minute winter	J55	65.003	S24	2.6	0.707	0.440	0.0288
180 minute winter	J56	48.019	J57	20.6	0.622	0.380	0.3216

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Results for 30 year +35% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J57	236	184.107	0.162	21.3	0.1828	0.0000	OK
180 minute winter	BASIN 1	204	186.099	1.099	29.2	148.3710	0.0000	SURCHARGED
180 minute winter	BASIN 2	420	184.571	0.271	1.5	25.2267	0.0000	OK
180 minute winter	BASIN 3	244	183.247	0.147	21.0	102.9986	0.0000	OK
180 minute winter	BASIN 4	236	184.107	0.777	21.2	112.4454	0.0000	SURCHARGED
180 minute winter	SWALE 1	204	184.966	0.034	1.5	0.0386	0.0000	OK
180 minute winter	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
180 minute winter	SWALE 3	100	184.186	0.115	21.0	0.1306	0.0000	OK
180 minute winter	BH1	420	184.571	0.494	0.9	2.2342	0.0000	OK
180 minute winter	BH2	240	183.248	0.196	3.4	2.5784	0.0000	OK
180 minute winter	BH3	236	184.107	0.801	3.2	5.3412	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J57	48.020	S25	21.2	0.684	0.394	0.3285
180 minute winter	BASIN 1	1.023	S5	1.5	0.222	0.028	0.6013
180 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
180 minute winter	BASIN 2	71.000	BH1	0.9	0.466	0.159	0.1829
180 minute winter	BASIN 3	1.034	BH2	3.4	0.366	0.041	1.3263
180 minute winter	BASIN 4	48.022	BH3	3.2	0.573	0.060	0.7181
180 minute winter	SWALE 1	1.025	S6	1.5	0.331	0.028	0.1677
180 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
180 minute winter	SWALE 3	1.033	BASIN 3	21.0	0.868	0.303	1.0463
180 minute winter	BH1	Infiltration		0.1			
180 minute winter	BH2	Infiltration		0.2			
180 minute winter	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S1	124	188.395	0.025	1.2	0.0339	0.0000	OK
240 minute summer	S2	128	187.147	0.108	12.7	0.1594	0.0000	OK
240 minute summer	S3	132	186.327	0.115	18.2	0.1499	0.0000	OK
240 minute summer	S4	256	186.050	0.672	30.0	0.7979	0.0000	SURCHARGED
240 minute summer	S5	256	186.049	1.069	1.5	1.2095	0.0000	SURCHARGED
240 minute summer	S6	260	184.878	0.034	1.4	0.0387	0.0000	OK
240 minute summer	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
240 minute summer	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
240 minute summer	S9	128	184.267	0.067	0.1	0.0757	0.0000	OK
240 minute summer	S10	128	184.267	0.083	21.3	0.1266	0.0000	OK
240 minute summer	S11	124	186.453	0.053	2.8	0.0864	0.0000	OK
240 minute summer	S12	128	186.244	0.068	4.6	0.0773	0.0000	OK
240 minute summer	S13	128	186.089	0.055	8.6	0.0787	0.0000	OK
240 minute summer	S14	128	185.352	0.102	11.8	0.1596	0.0000	OK
240 minute summer	S15	128	184.928	0.061	15.6	0.0856	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	S1	1.000	J1	1.2	0.496	0.137	0.0206
240 minute summer	S2	1.012	J12	12.7	0.742	0.425	0.0256
240 minute summer	S3	1.019	J18	18.2	1.118	0.596	0.0839
240 minute summer	S4	1.022	BASIN 1	29.2	1.441	0.174	1.1778
240 minute summer	S5	1.024	SWALE 1	1.4	0.329	0.027	0.0885
240 minute summer	S6	1.026	BASIN 2	1.4	0.374	0.026	0.0221
240 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
240 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0703
240 minute summer	S9	1.031	S10	-0.1	-0.037	-0.001	0.0920
240 minute summer	S10	1.032	SWALE 3	21.3	1.044	0.118	0.0896
240 minute summer	S11	32.000	J28	2.8	0.635	0.468	0.0198
240 minute summer	S12	32.003	J30	4.6	0.557	0.343	0.0420
240 minute summer	S13	32.007	J33	8.6	1.508	0.267	0.0741
240 minute summer	S14	32.009	J34	11.8	0.990	0.680	0.0624
240 minute summer	S15	32.013	J37	15.0	1.129	0.163	0.1254

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S16	128	184.618	0.061	16.6	0.0773	0.0000	OK
240 minute summer	S17	252	186.054	0.054	0.4	0.0607	0.0000	OK
240 minute summer	S18	264	186.053	0.392	4.8	0.5536	0.0000	SURCHARGED
240 minute summer	S19	264	186.052	0.561	9.1	0.7685	0.0000	SURCHARGED
240 minute summer	S20	124	184.677	0.034	1.4	0.0420	0.0000	OK
240 minute summer	S21	132	184.516	0.056	3.2	0.0669	0.0000	OK
240 minute summer	S22	132	184.383	0.097	6.9	0.1186	0.0000	OK
240 minute summer	S23	132	184.275	0.117	9.4	0.1379	0.0000	OK
240 minute summer	S24	128	184.126	0.149	19.9	0.2161	0.0000	OK
240 minute summer	S25	280	184.076	0.150	20.8	0.1701	0.0000	OK
240 minute summer	S26	124	185.401	0.024	1.1	0.0289	0.0000	OK
240 minute summer	FC1	136	188.852	0.602	1.1	0.8015	0.0000	SURCHARGED
240 minute summer	FC2	136	188.753	0.603	1.1	0.8021	0.0000	SURCHARGED
240 minute summer	FC3	148	188.862	0.662	1.8	1.9743	0.0000	SURCHARGED
240 minute summer	FC4	136	188.605	0.405	0.9	0.5231	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	S16	32.015	J38	16.6	1.001	0.113	0.0387
240 minute summer	S17	23.001	J20	0.4	0.330	0.061	0.0433
240 minute summer	S18	23.006	J24	4.8	0.545	0.352	0.0323
240 minute summer	S19	23.010	J27	9.1	0.584	0.304	0.3541
240 minute summer	S20	48.001	J41	1.4	0.582	0.231	0.0109
240 minute summer	S21	48.004	J43	3.2	0.736	0.541	0.0222
240 minute summer	S22	48.008	J46	6.9	0.579	0.515	0.0291
240 minute summer	S23	48.011	J48	9.4	0.469	0.306	0.0229
240 minute summer	S24	48.018	J56	19.9	0.587	0.373	0.1440
240 minute summer	S25	48.021	BASIN 4	20.8	0.796	0.378	0.1166
240 minute summer	S26	65.001	J54	1.0	0.737	0.119	0.0120
240 minute summer	FC1	2.000	J1	0.8	0.427	0.124	0.0115
240 minute summer	FC2	3.000	J2	0.8	0.274	0.129	0.0162
240 minute summer	FC3	4.000	J3	0.8	0.550	0.127	0.0138
240 minute summer	FC4	5.000	J4	0.6	0.577	0.083	0.0080

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC5	136	188.603	0.603	1.1	0.8030	0.0000	SURCHARGED
240 minute summer	FC6	136	188.254	0.404	0.9	0.5218	0.0000	SURCHARGED
240 minute summer	FC7	136	188.156	0.406	0.9	0.5236	0.0000	SURCHARGED
240 minute summer	FC8	136	188.349	0.599	1.1	0.7973	0.0000	SURCHARGED
240 minute summer	FC9	136	187.877	0.407	0.9	0.5258	0.0000	SURCHARGED
240 minute summer	FC10	144	188.119	0.649	1.6	1.5030	0.0000	SURCHARGED
240 minute summer	FC11	136	187.834	0.514	1.0	0.6736	0.0000	SURCHARGED
240 minute summer	FC12	136	187.744	0.514	1.0	0.6736	0.0000	SURCHARGED
240 minute summer	FC13	136	187.603	0.603	1.1	0.8026	0.0000	SURCHARGED
240 minute summer	FC14	152	187.061	0.161	1.1	2.0577	0.0000	SURCHARGED
240 minute summer	FC15	136	187.600	0.400	0.9	0.5169	0.0000	SURCHARGED
240 minute summer	FC16	136	187.307	0.407	0.9	0.5248	0.0000	SURCHARGED
240 minute summer	FC17	136	187.402	0.402	0.9	0.5189	0.0000	SURCHARGED
240 minute summer	FC18	136	186.957	0.407	0.9	0.5259	0.0000	SURCHARGED
240 minute summer	FC19	136	187.003	0.603	1.1	0.8027	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC5	6.000	J5	0.8	0.507	0.130	0.0063
240 minute summer	FC6	7.000	J6	0.6	0.634	0.072	0.0073
240 minute summer	FC7	8.000	J7	0.6	0.539	0.088	0.0100
240 minute summer	FC8	9.000	J8	0.8	0.721	0.079	0.0045
240 minute summer	FC9	10.000	J9	0.6	0.486	0.106	0.0093
240 minute summer	FC10	11.000	J10	0.8	0.560	0.121	0.0089
240 minute summer	FC11	12.000	J11	0.7	0.501	0.120	0.0109
240 minute summer	FC12	13.000	S2	0.7	0.500	0.120	0.0097
240 minute summer	FC13	14.000	J12	0.8	0.513	0.129	0.0102
240 minute summer	FC14	15.000	J13	0.4	0.421	0.064	0.0069
240 minute summer	FC15	16.000	J14	0.6	1.030	0.036	0.0029
240 minute summer	FC16	17.000	J15	0.6	0.516	0.097	0.0092
240 minute summer	FC17	18.000	J16	0.6	0.819	0.050	0.0037
240 minute summer	FC18	19.000	J17	0.6	0.483	0.106	0.0091
240 minute summer	FC19	20.000	S3	0.8	0.510	0.130	0.0099

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC20	136	187.546	0.596	1.1	0.7932	0.0000	SURCHARGED
240 minute summer	FC21	136	186.903	0.603	1.1	0.8026	0.0000	SURCHARGED
240 minute summer	FC22	148	186.590	0.140	0.9	1.3568	0.0000	SURCHARGED
240 minute summer	FC23	136	186.707	0.407	0.9	0.5254	0.0000	SURCHARGED
240 minute summer	FC24	136	186.901	0.601	1.1	0.8001	0.0000	SURCHARGED
240 minute summer	FC25	136	187.146	0.596	1.1	0.7933	0.0000	SURCHARGED
240 minute summer	FC26	148	186.586	0.136	0.9	1.3777	0.0000	SURCHARGED
240 minute summer	FC27	136	186.900	0.400	0.9	0.5167	0.0000	SURCHARGED
240 minute summer	FC28	136	187.096	0.596	1.1	0.7933	0.0000	SURCHARGED
240 minute summer	FC29	140	187.125	0.625	1.2	0.9212	0.0000	SURCHARGED
240 minute summer	FC30	136	187.347	0.596	1.1	0.7939	0.0000	SURCHARGED
240 minute summer	FC31	136	186.854	0.404	0.9	0.5211	0.0000	SURCHARGED
240 minute summer	FC32	136	186.852	0.402	0.9	0.5185	0.0000	SURCHARGED
240 minute summer	FC33	136	187.047	0.597	1.1	0.7940	0.0000	SURCHARGED
240 minute summer	FC34	136	187.053	0.603	1.1	0.8023	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC20	21.000	J18	0.8	1.031	0.048	0.0032
240 minute summer	FC21	22.000	J19	0.8	0.512	0.130	0.0115
240 minute summer	FC22	23.000	S17	0.4	0.593	0.019	0.0108
240 minute summer	FC23	24.000	J20	0.6	0.503	0.099	0.0057
240 minute summer	FC24	25.000	J21	0.8	0.598	0.103	0.0060
240 minute summer	FC25	26.000	J22	0.8	1.024	0.049	0.0036
240 minute summer	FC26	27.000	J23	0.4	0.721	0.027	0.0023
240 minute summer	FC27	28.000	J24	0.6	1.063	0.035	0.0027
240 minute summer	FC28	29.000	J25	0.8	1.029	0.048	0.0033
240 minute summer	FC29	30.000	J26	0.8	1.008	0.051	0.0037
240 minute summer	FC30	31.000	J27	0.8	0.960	0.053	0.0035
240 minute summer	FC31	33.000	J28	0.6	0.341	0.070	0.0115
240 minute summer	FC32	34.000	J29	0.6	0.289	0.050	0.0125
240 minute summer	FC33	35.000	S12	0.8	0.943	0.054	0.0036
240 minute summer	FC34	36.000	J30	0.8	0.525	0.124	0.0070

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC35	136	187.046	0.596	1.1	0.7938	0.0000	SURCHARGED
240 minute summer	FC36	140	187.074	0.624	1.2	0.9207	0.0000	SURCHARGED
240 minute summer	FC37	144	186.442	0.642	1.5	1.2898	0.0000	SURCHARGED
240 minute summer	FC38	152	185.572	0.122	0.9	1.4695	0.0000	SURCHARGED
240 minute summer	FC39	136	185.851	0.401	0.9	0.5180	0.0000	SURCHARGED
240 minute summer	FC40	136	186.072	0.572	1.1	0.7953	0.0000	SURCHARGED
240 minute summer	FC41	136	185.448	0.598	1.1	0.7964	0.0000	SURCHARGED
240 minute summer	FC42	136	185.200	0.600	1.1	0.7984	0.0000	SURCHARGED
240 minute summer	FC43	136	185.198	0.598	1.1	0.7962	0.0000	SURCHARGED
240 minute summer	FC44	124	184.620	0.020	0.9	0.0256	0.0000	OK
240 minute summer	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	FC46	144	185.349	0.649	1.6	1.5043	0.0000	SURCHARGED
240 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute summer	FC48	136	185.396	0.596	1.1	0.7938	0.0000	SURCHARGED
240 minute summer	FC49	136	185.403	0.603	1.1	0.8029	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC35	37.000	J31	0.8	0.937	0.054	0.0060
240 minute summer	FC36	38.000	J32	0.8	0.996	0.050	0.0062
240 minute summer	FC37	39.000	J33	0.8	0.688	0.090	0.0076
240 minute summer	FC38	40.000	J34	0.3	0.681	0.027	0.0023
240 minute summer	FC39	41.000	J35	0.6	0.903	0.043	0.0031
240 minute summer	FC40	42.000	J36	0.8	1.165	0.039	0.0033
240 minute summer	FC41	43.000	J37	0.8	0.764	0.073	0.0051
240 minute summer	FC42	44.000	J38	0.8	0.665	0.089	0.0057
240 minute summer	FC43	45.000	J39	0.8	0.778	0.071	0.0043
240 minute summer	FC44	46.000	J40	0.9	0.834	0.079	0.0047
240 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
240 minute summer	FC46	48.000	S20	0.8	0.483	0.135	0.0116
240 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0062
240 minute summer	FC48	50.000	J42	0.8	0.456	0.055	0.0095
240 minute summer	FC49	51.000	S21	0.8	0.508	0.130	0.0066

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC50	136	185.403	0.603	1.1	0.8029	0.0000	SURCHARGED
240 minute summer	FC51	136	185.453	0.603	1.1	0.8027	0.0000	SURCHARGED
240 minute summer	FC52	140	185.883	0.633	1.4	1.1041	0.0000	SURCHARGED
240 minute summer	FC53	136	185.849	0.599	1.1	0.7977	0.0000	SURCHARGED
240 minute summer	FC54	136	185.653	0.403	0.9	0.5201	0.0000	SURCHARGED
240 minute summer	FC55	136	185.651	0.401	0.9	0.5178	0.0000	SURCHARGED
240 minute summer	FC56	136	185.946	0.596	1.1	0.7934	0.0000	SURCHARGED
240 minute summer	FC57	136	185.947	0.597	1.1	0.7940	0.0000	SURCHARGED
240 minute summer	FC58	136	185.752	0.402	0.9	0.5184	0.0000	SURCHARGED
240 minute summer	FC59	136	185.752	0.402	0.9	0.5191	0.0000	SURCHARGED
240 minute summer	FC60	136	185.948	0.598	1.1	0.7953	0.0000	SURCHARGED
240 minute summer	FC61	136	185.900	0.600	1.1	0.7982	0.0000	SURCHARGED
240 minute summer	FC62	144	185.906	0.656	1.7	1.7308	0.0000	SURCHARGED
240 minute summer	FC63	136	185.808	0.408	0.9	0.5268	0.0000	SURCHARGED
240 minute summer	FC64	136	185.603	0.603	1.1	0.8028	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC50	52.000	J43	0.8	0.508	0.130	0.0071
240 minute summer	FC51	55.000	S22	0.8	0.511	0.130	0.0092
240 minute summer	FC52	58.000	S23	0.8	0.750	0.079	0.0058
240 minute summer	FC53	61.000	J50	0.8	0.699	0.083	0.0047
240 minute summer	FC54	62.000	J51	0.6	0.731	0.058	0.0034
240 minute summer	FC55	64.000	J53	0.6	0.924	0.042	0.0028
240 minute summer	FC56	53.000	J44	0.8	1.012	0.050	0.0050
240 minute summer	FC57	54.000	J45	0.8	0.949	0.054	0.0053
240 minute summer	FC58	56.000	J46	0.6	0.860	0.047	0.0045
240 minute summer	FC59	57.000	J47	0.6	0.798	0.052	0.0050
240 minute summer	FC60	59.000	J48	0.8	0.836	0.065	0.0061
240 minute summer	FC61	60.000	J49	0.8	0.671	0.089	0.0085
240 minute summer	FC62	63.000	J52	0.8	0.626	0.105	0.0121
240 minute summer	FC63	65.000	S26	0.6	0.474	0.106	0.0034
240 minute summer	FC64	66.000	J54	0.8	0.350	0.130	0.0051

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC65	136	185.745	0.595	1.1	0.7921	0.0000	SURCHARGED
240 minute summer	FC66	136	185.602	0.602	1.1	0.8012	0.0000	SURCHARGED
240 minute summer	FC67	152	184.936	0.136	0.9	1.4075	0.0000	SURCHARGED
240 minute summer	FC68	136	184.954	0.404	0.9	0.5221	0.0000	SURCHARGED
240 minute summer	J1	128	188.246	0.046	3.1	0.0617	0.0000	OK
240 minute summer	J2	128	188.174	0.068	3.8	0.0770	0.0000	OK
240 minute summer	J3	128	188.107	0.061	4.6	0.0695	0.0000	OK
240 minute summer	J4	128	188.079	0.044	5.2	0.0501	0.0000	OK
240 minute summer	J5	128	187.950	0.040	5.9	0.0452	0.0000	OK
240 minute summer	J6	128	187.713	0.063	6.5	0.0713	0.0000	OK
240 minute summer	J7	128	187.677	0.077	7.1	0.0866	0.0000	OK
240 minute summer	J8	132	187.649	0.056	7.8	0.0628	0.0000	OK
240 minute summer	J9	132	187.352	0.077	8.5	0.0866	0.0000	OK
240 minute summer	J10	132	187.315	0.045	9.3	0.0509	0.0000	OK
240 minute summer	J11	132	187.187	0.066	10.0	0.0747	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC65	67.000	J55	0.8	0.486	0.041	0.0048
240 minute summer	FC66	68.000	S24	0.8	0.569	0.107	0.0029
240 minute summer	FC67	69.000	J56	0.3	0.399	0.059	0.0018
240 minute summer	FC68	70.000	J57	0.6	0.632	0.070	0.0023
240 minute summer	J1	1.001	J2	3.1	0.681	0.376	0.0230
240 minute summer	J2	1.002	J3	3.8	0.734	0.647	0.0054
240 minute summer	J3	1.003	J4	4.6	0.834	0.348	0.0108
240 minute summer	J4	1.004	J5	5.2	1.287	0.155	0.0143
240 minute summer	J5	1.005	J6	5.9	1.109	0.155	0.0306
240 minute summer	J6	1.006	J7	6.5	0.813	0.229	0.0158
240 minute summer	J7	1.007	J8	7.1	0.953	0.510	0.0084
240 minute summer	J8	1.008	J9	7.8	1.381	0.259	0.0480
240 minute summer	J9	1.009	J10	8.5	0.981	0.254	0.0105
240 minute summer	J10	1.010	J11	9.3	1.226	0.072	0.0187
240 minute summer	J11	1.011	S2	10.0	0.705	0.155	0.0764

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J12	128	186.882	0.073	13.4	0.0830	0.0000	OK
240 minute summer	J13	132	186.833	0.131	13.7	0.1481	0.0000	OK
240 minute summer	J14	132	186.819	0.124	14.3	0.1398	0.0000	OK
240 minute summer	J15	132	186.798	0.110	15.0	0.1248	0.0000	OK
240 minute summer	J16	132	186.761	0.091	15.6	0.1030	0.0000	OK
240 minute summer	J17	132	186.422	0.064	16.2	0.0720	0.0000	OK
240 minute summer	J18	132	186.272	0.078	19.0	0.0884	0.0000	OK
240 minute summer	J19	132	186.153	0.126	19.7	0.1424	0.0000	OK
240 minute summer	J20	252	186.054	0.123	1.0	0.1387	0.0000	SURCHARGED
240 minute summer	J21	252	186.054	0.159	1.7	0.1794	0.0000	SURCHARGED
240 minute summer	J22	264	186.054	0.236	2.5	0.2666	0.0000	SURCHARGED
240 minute summer	J23	264	186.054	0.271	2.9	0.3060	0.0000	SURCHARGED
240 minute summer	J24	264	186.053	0.403	5.4	0.4554	0.0000	SURCHARGED
240 minute summer	J25	264	186.053	0.438	6.2	0.4953	0.0000	SURCHARGED
240 minute summer	J26	264	186.054	0.467	6.9	0.5277	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J12	1.013	J13	13.4	0.767	0.200	0.1137
240 minute summer	J13	1.014	J14	13.7	0.594	0.437	0.0439
240 minute summer	J14	1.015	J15	14.4	0.689	0.460	0.0399
240 minute summer	J15	1.016	J16	15.0	0.872	0.490	0.0882
240 minute summer	J16	1.017	J17	15.6	1.151	0.259	0.0457
240 minute summer	J17	1.018	S3	16.3	1.106	0.112	0.0280
240 minute summer	J18	1.020	J19	19.0	1.880	0.146	0.0151
240 minute summer	J19	1.021	S4	19.8	0.783	0.358	0.1111
240 minute summer	J20	23.002	J21	1.0	0.433	0.165	0.0295
240 minute summer	J21	23.003	J22	1.7	0.527	0.294	0.0627
240 minute summer	J22	23.004	J23	2.5	0.632	0.421	0.0281
240 minute summer	J23	23.005	S18	2.9	0.725	0.483	0.0587
240 minute summer	J24	23.007	J25	5.4	0.583	0.408	0.1088
240 minute summer	J25	23.008	J26	6.1	0.608	0.463	0.0874
240 minute summer	J26	23.009	S19	6.9	0.716	0.519	0.0652

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J27	264	186.056	0.595	9.8	0.6725	0.0000	SURCHARGED
240 minute summer	J28	124	186.412	0.056	3.3	0.0637	0.0000	OK
240 minute summer	J29	128	186.335	0.064	3.9	0.0724	0.0000	OK
240 minute summer	J30	128	186.221	0.074	5.3	0.0841	0.0000	OK
240 minute summer	J31	128	186.195	0.076	6.0	0.0856	0.0000	OK
240 minute summer	J32	128	186.141	0.077	6.8	0.0873	0.0000	OK
240 minute summer	J33	128	185.663	0.053	9.4	0.0595	0.0000	OK
240 minute summer	J34	128	185.214	0.089	12.1	0.1007	0.0000	OK
240 minute summer	J35	128	185.134	0.059	12.7	0.0671	0.0000	OK
240 minute summer	J36	128	184.973	0.098	13.4	0.1111	0.0000	OK
240 minute summer	J37	128	184.680	0.105	15.7	0.1187	0.0000	OK
240 minute summer	J38	128	184.510	0.135	17.3	0.1524	0.0000	OK
240 minute summer	J39	128	184.470	0.132	18.0	0.1489	0.0000	OK
240 minute summer	J40	128	184.438	0.113	18.8	0.1274	0.0000	OK
240 minute summer	J41	124	184.631	0.034	1.4	0.0382	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J27	23.011	S4	9.8	0.689	0.329	0.0951
240 minute summer	J28	32.001	J29	3.3	0.674	0.560	0.0434
240 minute summer	J29	32.002	S12	3.9	0.766	0.649	0.0234
240 minute summer	J30	32.004	J31	5.3	0.602	0.400	0.0438
240 minute summer	J31	32.005	J32	6.0	0.668	0.454	0.0879
240 minute summer	J32	32.006	S13	6.8	0.913	0.510	0.0398
240 minute summer	J33	32.008	S14	9.4	1.035	0.264	0.0827
240 minute summer	J34	32.010	J35	12.1	1.062	0.313	0.1035
240 minute summer	J35	32.011	J36	12.7	1.026	0.143	0.0858
240 minute summer	J36	32.012	S15	14.0	1.116	0.468	0.0301
240 minute summer	J37	32.014	S16	15.8	1.186	0.518	0.0696
240 minute summer	J38	32.016	J39	17.3	0.706	0.572	0.2647
240 minute summer	J39	32.017	J40	18.0	0.818	0.585	0.0804
240 minute summer	J40	32.018	S10	18.8	1.002	0.437	0.1798
240 minute summer	J41	48.002	J42	1.4	0.516	0.230	0.0164

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J42	132	184.578	0.041	2.1	0.0460	0.0000	OK
240 minute summer	J43	132	184.427	0.067	4.0	0.0760	0.0000	OK
240 minute summer	J44	132	184.415	0.064	4.7	0.0729	0.0000	OK
240 minute summer	J45	132	184.392	0.091	5.5	0.1035	0.0000	OK
240 minute summer	J46	132	184.368	0.096	7.5	0.1081	0.0000	OK
240 minute summer	J47	132	184.343	0.095	8.1	0.1077	0.0000	OK
240 minute summer	J48	132	184.267	0.113	10.2	0.1277	0.0000	OK
240 minute summer	J49	132	184.255	0.126	10.9	0.1429	0.0000	OK
240 minute summer	J50	132	184.247	0.122	11.7	0.1378	0.0000	OK
240 minute summer	J51	136	184.234	0.126	12.3	0.1422	0.0000	OK
240 minute summer	J52	136	184.222	0.118	13.1	0.1330	0.0000	OK
240 minute summer	J53	136	184.198	0.111	13.7	0.1257	0.0000	OK
240 minute summer	J54	132	185.020	0.041	1.8	0.0466	0.0000	OK
240 minute summer	J55	132	184.992	0.048	2.5	0.0543	0.0000	OK
240 minute summer	J56	132	184.110	0.143	20.2	0.1613	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J42	48.003	S21	2.0	0.544	0.348	0.0309
240 minute summer	J43	48.005	J44	4.0	0.536	0.283	0.0119
240 minute summer	J44	48.006	J45	4.7	0.509	0.352	0.0811
240 minute summer	J45	48.007	S22	5.5	0.472	0.402	0.0277
240 minute summer	J46	48.009	J47	7.5	0.637	0.564	0.0498
240 minute summer	J47	48.010	S23	8.1	0.747	0.611	0.0288
240 minute summer	J48	48.012	J49	10.2	0.476	0.340	0.1597
240 minute summer	J49	48.013	J50	10.9	0.487	0.356	0.0255
240 minute summer	J50	48.014	J51	11.7	0.522	0.390	0.1135
240 minute summer	J51	48.015	J52	12.3	0.562	0.401	0.0248
240 minute summer	J52	48.016	J53	13.1	0.646	0.429	0.0987
240 minute summer	J53	48.017	S24	13.7	0.769	0.455	0.1832
240 minute summer	J54	65.002	J55	1.8	0.526	0.300	0.0123
240 minute summer	J55	65.003	S24	2.5	0.703	0.428	0.0282
240 minute summer	J56	48.019	J57	20.2	0.620	0.373	0.2965

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Results for 30 year +35% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J57	132	184.085	0.140	20.8	0.1584	0.0000	OK
240 minute summer	BASIN 1	256	186.049	1.049	29.2	140.3295	0.0000	SURCHARGED
240 minute summer	BASIN 2	480	184.593	0.293	1.4	27.4700	0.0000	OK
240 minute summer	BASIN 3	280	183.241	0.141	21.3	98.7889	0.0000	OK
240 minute summer	BASIN 4	280	184.076	0.746	20.8	107.4688	0.0000	SURCHARGED
240 minute summer	SWALE 1	256	184.966	0.034	1.4	0.0382	0.0000	OK
240 minute summer	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWALE 3	128	184.186	0.116	21.3	0.1317	0.0000	OK
240 minute summer	BH1	480	184.593	0.516	0.8	2.2984	0.0000	OK
240 minute summer	BH2	276	183.242	0.190	2.8	2.5477	0.0000	OK
240 minute summer	BH3	280	184.076	0.770	2.0	5.2002	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J57	48.020	S25	20.8	0.680	0.386	0.2572
240 minute summer	BASIN 1	1.023	S5	1.5	0.210	0.027	0.6013
240 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
240 minute summer	BASIN 2	71.000	BH1	0.8	0.433	0.143	0.1829
240 minute summer	BASIN 3	1.034	BH2	2.8	0.320	0.033	1.2659
240 minute summer	BASIN 4	48.022	BH3	2.0	0.497	0.038	0.7181
240 minute summer	SWALE 1	1.025	S6	1.4	0.328	0.027	0.1650
240 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
240 minute summer	SWALE 3	1.033	BASIN 3	21.3	0.871	0.307	1.0575
240 minute summer	BH1	Infiltration		0.1			
240 minute summer	BH2	Infiltration		0.2			
240 minute summer	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S1	124	188.392	0.022	0.9	0.0294	0.0000	OK
240 minute winter	S2	132	187.141	0.102	11.3	0.1497	0.0000	OK
240 minute winter	S3	136	186.321	0.109	16.3	0.1413	0.0000	OK
240 minute winter	S4	256	186.154	0.776	26.0	0.9220	0.0000	SURCHARGED
240 minute winter	S5	252	186.153	1.173	1.5	1.3268	0.0000	SURCHARGED
240 minute winter	S6	252	184.879	0.035	1.5	0.0396	0.0000	OK
240 minute winter	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
240 minute winter	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
240 minute winter	S9	128	184.258	0.058	0.0	0.0661	0.0000	OK
240 minute winter	S10	128	184.258	0.074	18.0	0.1136	0.0000	OK
240 minute winter	S11	128	186.445	0.045	2.1	0.0727	0.0000	OK
240 minute winter	S12	128	186.238	0.062	3.9	0.0697	0.0000	OK
240 minute winter	S13	132	186.085	0.051	7.4	0.0722	0.0000	OK
240 minute winter	S14	132	185.341	0.091	10.0	0.1423	0.0000	OK
240 minute winter	S15	132	184.923	0.056	13.1	0.0786	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	S1	1.000	J1	0.9	0.455	0.103	0.0168
240 minute winter	S2	1.012	J12	11.3	0.717	0.379	0.0236
240 minute winter	S3	1.019	J18	16.4	1.090	0.535	0.0773
240 minute winter	S4	1.022	BASIN 1	25.5	1.466	0.152	1.1778
240 minute winter	S5	1.024	SWALE 1	1.5	0.334	0.028	0.0916
240 minute winter	S6	1.026	BASIN 2	1.5	0.380	0.028	0.0228
240 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
240 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0579
240 minute winter	S9	1.031	S10	0.0	-0.043	-0.001	0.0776
240 minute winter	S10	1.032	SWALE 3	18.0	1.011	0.100	0.0781
240 minute winter	S11	32.000	J28	2.1	0.589	0.353	0.0163
240 minute winter	S12	32.003	J30	3.9	0.536	0.291	0.0369
240 minute winter	S13	32.007	J33	7.4	1.442	0.229	0.0665
240 minute winter	S14	32.009	J34	10.0	0.954	0.575	0.0547
240 minute winter	S15	32.013	J37	12.8	1.077	0.138	0.1119

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S16	132	184.611	0.054	14.0	0.0684	0.0000	OK
240 minute winter	S17	260	186.156	0.156	0.4	0.1769	0.0000	SURCHARGED
240 minute winter	S18	256	186.156	0.495	4.3	0.6993	0.0000	SURCHARGED
240 minute winter	S19	252	186.155	0.664	8.0	0.9099	0.0000	SURCHARGED
240 minute winter	S20	140	184.674	0.032	1.2	0.0389	0.0000	OK
240 minute winter	S21	140	184.512	0.053	2.9	0.0628	0.0000	OK
240 minute winter	S22	140	184.377	0.091	6.3	0.1111	0.0000	OK
240 minute winter	S23	140	184.268	0.110	8.6	0.1299	0.0000	OK
240 minute winter	S24	280	184.151	0.174	18.0	0.2531	0.0000	OK
240 minute winter	S25	280	184.151	0.225	18.9	0.2549	0.0000	OK
240 minute winter	S26	140	185.399	0.022	0.9	0.0266	0.0000	OK
240 minute winter	FC1	140	188.754	0.504	0.8	0.6710	0.0000	SURCHARGED
240 minute winter	FC2	140	188.655	0.505	0.8	0.6716	0.0000	SURCHARGED
240 minute winter	FC3	156	188.856	0.656	1.3	1.8343	0.0000	SURCHARGED
240 minute winter	FC4	140	188.554	0.354	0.7	0.4570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	S16	32.015	J38	14.0	0.981	0.095	0.0336
240 minute winter	S17	23.001	J20	0.4	0.304	0.063	0.0560
240 minute winter	S18	23.006	J24	4.3	0.529	0.312	0.0323
240 minute winter	S19	23.010	J27	7.7	0.555	0.258	0.3541
240 minute winter	S20	48.001	J41	1.2	0.565	0.200	0.0098
240 minute winter	S21	48.004	J43	2.9	0.719	0.489	0.0205
240 minute winter	S22	48.008	J46	6.3	0.567	0.469	0.0270
240 minute winter	S23	48.011	J48	8.6	0.460	0.280	0.0212
240 minute winter	S24	48.018	J56	18.0	0.572	0.336	0.1864
240 minute winter	S25	48.021	BASIN 4	18.9	0.773	0.342	0.1845
240 minute winter	S26	65.001	J54	0.9	0.705	0.101	0.0107
240 minute winter	FC1	2.000	J1	0.7	0.403	0.113	0.0099
240 minute winter	FC2	3.000	J2	0.7	0.259	0.118	0.0142
240 minute winter	FC3	4.000	J3	0.8	0.549	0.126	0.0137
240 minute winter	FC4	5.000	J4	0.6	0.565	0.077	0.0076

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC5	140	188.505	0.505	0.8	0.6726	0.0000	SURCHARGED
240 minute winter	FC6	140	188.203	0.353	0.7	0.4555	0.0000	SURCHARGED
240 minute winter	FC7	140	188.104	0.354	0.7	0.4575	0.0000	SURCHARGED
240 minute winter	FC8	140	188.251	0.501	0.8	0.6665	0.0000	SURCHARGED
240 minute winter	FC9	140	187.826	0.356	0.7	0.4598	0.0000	SURCHARGED
240 minute winter	FC10	152	188.114	0.644	1.2	1.3885	0.0000	SURCHARGED
240 minute winter	FC11	140	187.740	0.420	0.8	0.5502	0.0000	SURCHARGED
240 minute winter	FC12	140	187.650	0.420	0.8	0.5502	0.0000	SURCHARGED
240 minute winter	FC13	140	187.505	0.505	0.8	0.6722	0.0000	SURCHARGED
240 minute winter	FC14	168	187.069	0.169	0.8	2.1631	0.0000	SURCHARGED
240 minute winter	FC15	140	187.549	0.349	0.7	0.4500	0.0000	SURCHARGED
240 minute winter	FC16	140	187.255	0.355	0.7	0.4587	0.0000	SURCHARGED
240 minute winter	FC17	140	187.350	0.350	0.7	0.4523	0.0000	SURCHARGED
240 minute winter	FC18	140	186.906	0.356	0.7	0.4599	0.0000	SURCHARGED
240 minute winter	FC19	140	186.905	0.505	0.8	0.6723	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC5	6.000	J5	0.7	0.495	0.118	0.0059
240 minute winter	FC6	7.000	J6	0.6	0.621	0.067	0.0069
240 minute winter	FC7	8.000	J7	0.6	0.531	0.082	0.0085
240 minute winter	FC8	9.000	J8	0.7	0.702	0.072	0.0042
240 minute winter	FC9	10.000	J9	0.6	0.476	0.098	0.0089
240 minute winter	FC10	11.000	J10	0.8	0.560	0.120	0.0089
240 minute winter	FC11	12.000	J11	0.6	0.486	0.108	0.0102
240 minute winter	FC12	13.000	S2	0.6	0.486	0.108	0.0090
240 minute winter	FC13	14.000	J12	0.7	0.500	0.118	0.0096
240 minute winter	FC14	15.000	J13	0.4	0.425	0.066	0.0070
240 minute winter	FC15	16.000	J14	0.6	1.008	0.034	0.0027
240 minute winter	FC16	17.000	J15	0.6	0.506	0.090	0.0088
240 minute winter	FC17	18.000	J16	0.6	0.802	0.047	0.0035
240 minute winter	FC18	19.000	J17	0.6	0.474	0.099	0.0086
240 minute winter	FC19	20.000	S3	0.7	0.498	0.119	0.0093

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC20	140	187.447	0.497	0.8	0.6619	0.0000	SURCHARGED
240 minute winter	FC21	140	186.805	0.505	0.8	0.6722	0.0000	SURCHARGED
240 minute winter	FC22	160	186.597	0.147	0.7	1.4284	0.0000	SURCHARGED
240 minute winter	FC23	140	186.656	0.356	0.7	0.4593	0.0000	SURCHARGED
240 minute winter	FC24	140	186.803	0.503	0.8	0.6695	0.0000	SURCHARGED
240 minute winter	FC25	140	187.047	0.497	0.8	0.6620	0.0000	SURCHARGED
240 minute winter	FC26	160	186.594	0.144	0.7	1.4548	0.0000	SURCHARGED
240 minute winter	FC27	140	186.848	0.348	0.7	0.4498	0.0000	SURCHARGED
240 minute winter	FC28	140	186.997	0.497	0.8	0.6619	0.0000	SURCHARGED
240 minute winter	FC29	140	187.073	0.573	0.9	0.7737	0.0000	SURCHARGED
240 minute winter	FC30	140	187.248	0.498	0.8	0.6627	0.0000	SURCHARGED
240 minute winter	FC31	140	186.802	0.352	0.7	0.4548	0.0000	SURCHARGED
240 minute winter	FC32	140	186.800	0.350	0.7	0.4519	0.0000	SURCHARGED
240 minute winter	FC33	140	186.948	0.498	0.8	0.6629	0.0000	SURCHARGED
240 minute winter	FC34	140	186.955	0.505	0.8	0.6719	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC20	21.000	J18	0.7	1.004	0.044	0.0030
240 minute winter	FC21	22.000	J19	0.7	0.499	0.119	0.0107
240 minute winter	FC22	23.000	S17	0.4	0.597	0.020	0.0195
240 minute winter	FC23	24.000	J20	0.6	0.493	0.093	0.0054
240 minute winter	FC24	25.000	J21	0.7	0.582	0.094	0.0056
240 minute winter	FC25	26.000	J22	0.7	0.996	0.044	0.0033
240 minute winter	FC26	27.000	J23	0.4	0.727	0.028	0.0023
240 minute winter	FC27	28.000	J24	0.6	1.040	0.032	0.0102
240 minute winter	FC28	29.000	J25	0.7	1.001	0.044	0.0031
240 minute winter	FC29	30.000	J26	0.8	0.996	0.049	0.0036
240 minute winter	FC30	31.000	J27	0.7	0.936	0.048	0.0033
240 minute winter	FC31	33.000	J28	0.6	0.308	0.065	0.0100
240 minute winter	FC32	34.000	J29	0.6	0.268	0.046	0.0110
240 minute winter	FC33	35.000	S12	0.7	0.920	0.049	0.0032
240 minute winter	FC34	36.000	J30	0.7	0.511	0.113	0.0065

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC35	140	186.948	0.498	0.8	0.6625	0.0000	SURCHARGED
240 minute winter	FC36	140	187.022	0.572	0.9	0.7732	0.0000	SURCHARGED
240 minute winter	FC37	148	186.434	0.634	1.1	1.1318	0.0000	SURCHARGED
240 minute winter	FC38	164	185.580	0.130	0.7	1.5657	0.0000	SURCHARGED
240 minute winter	FC39	140	185.800	0.350	0.7	0.4513	0.0000	SURCHARGED
240 minute winter	FC40	140	185.996	0.496	0.8	0.6607	0.0000	SURCHARGED
240 minute winter	FC41	140	185.350	0.500	0.8	0.6656	0.0000	SURCHARGED
240 minute winter	FC42	140	185.102	0.502	0.8	0.6677	0.0000	SURCHARGED
240 minute winter	FC43	140	185.100	0.500	0.8	0.6654	0.0000	SURCHARGED
240 minute winter	FC44	124	184.618	0.018	0.7	0.0226	0.0000	OK
240 minute winter	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
240 minute winter	FC46	152	185.344	0.644	1.2	1.3904	0.0000	SURCHARGED
240 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute winter	FC48	140	185.298	0.498	0.8	0.6626	0.0000	SURCHARGED
240 minute winter	FC49	140	185.305	0.505	0.8	0.6726	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC35	37.000	J31	0.7	0.919	0.049	0.0046
240 minute winter	FC36	38.000	J32	0.8	0.994	0.048	0.0049
240 minute winter	FC37	39.000	J33	0.8	0.687	0.089	0.0076
240 minute winter	FC38	40.000	J34	0.3	0.687	0.028	0.0024
240 minute winter	FC39	41.000	J35	0.6	0.885	0.040	0.0029
240 minute winter	FC40	42.000	J36	0.7	1.141	0.037	0.0031
240 minute winter	FC41	43.000	J37	0.7	0.744	0.067	0.0047
240 minute winter	FC42	44.000	J38	0.7	0.648	0.081	0.0053
240 minute winter	FC43	45.000	J39	0.7	0.758	0.065	0.0040
240 minute winter	FC44	46.000	J40	0.7	0.779	0.062	0.0039
240 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
240 minute winter	FC46	48.000	S20	0.8	0.481	0.134	0.0110
240 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0055
240 minute winter	FC48	50.000	J42	0.7	0.418	0.050	0.0090
240 minute winter	FC49	51.000	S21	0.7	0.495	0.118	0.0062

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC50	140	185.305	0.505	0.8	0.6725	0.0000	SURCHARGED
240 minute winter	FC51	140	185.355	0.505	0.8	0.6723	0.0000	SURCHARGED
240 minute winter	FC52	144	185.875	0.625	1.0	0.9577	0.0000	SURCHARGED
240 minute winter	FC53	140	185.751	0.501	0.8	0.6670	0.0000	SURCHARGED
240 minute winter	FC54	140	185.602	0.351	0.7	0.4537	0.0000	SURCHARGED
240 minute winter	FC55	140	185.599	0.349	0.7	0.4510	0.0000	SURCHARGED
240 minute winter	FC56	140	185.847	0.497	0.8	0.6621	0.0000	SURCHARGED
240 minute winter	FC57	140	185.848	0.498	0.8	0.6628	0.0000	SURCHARGED
240 minute winter	FC58	140	185.700	0.350	0.7	0.4517	0.0000	SURCHARGED
240 minute winter	FC59	140	185.701	0.351	0.7	0.4526	0.0000	SURCHARGED
240 minute winter	FC60	140	185.849	0.499	0.8	0.6643	0.0000	SURCHARGED
240 minute winter	FC61	140	185.802	0.501	0.8	0.6675	0.0000	SURCHARGED
240 minute winter	FC62	152	185.899	0.649	1.3	1.5629	0.0000	SURCHARGED
240 minute winter	FC63	140	185.757	0.357	0.7	0.4608	0.0000	SURCHARGED
240 minute winter	FC64	140	185.505	0.505	0.8	0.6724	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC50	52.000	J43	0.7	0.496	0.118	0.0066
240 minute winter	FC51	55.000	S22	0.7	0.498	0.119	0.0087
240 minute winter	FC52	58.000	S23	0.8	0.749	0.078	0.0057
240 minute winter	FC53	61.000	J50	0.7	0.680	0.076	0.0044
240 minute winter	FC54	62.000	J51	0.6	0.717	0.054	0.0032
240 minute winter	FC55	64.000	J53	0.6	0.905	0.039	0.0027
240 minute winter	FC56	53.000	J44	0.7	0.985	0.045	0.0047
240 minute winter	FC57	54.000	J45	0.7	0.925	0.050	0.0049
240 minute winter	FC58	56.000	J46	0.6	0.842	0.044	0.0043
240 minute winter	FC59	57.000	J47	0.6	0.782	0.049	0.0048
240 minute winter	FC60	59.000	J48	0.7	0.814	0.059	0.0057
240 minute winter	FC61	60.000	J49	0.7	0.653	0.081	0.0079
240 minute winter	FC62	63.000	J52	0.8	0.625	0.105	0.0120
240 minute winter	FC63	65.000	S26	0.6	0.464	0.099	0.0031
240 minute winter	FC64	66.000	J54	0.7	0.343	0.119	0.0047

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC65	140	185.646	0.496	0.8	0.6606	0.0000	SURCHARGED
240 minute winter	FC66	140	185.504	0.504	0.8	0.6707	0.0000	SURCHARGED
240 minute winter	FC67	160	184.945	0.145	0.7	1.4933	0.0000	SURCHARGED
240 minute winter	FC68	140	184.903	0.353	0.7	0.4559	0.0000	SURCHARGED
240 minute winter	J1	132	188.239	0.039	2.5	0.0531	0.0000	OK
240 minute winter	J2	132	188.166	0.060	3.2	0.0680	0.0000	OK
240 minute winter	J3	132	188.103	0.057	3.9	0.0639	0.0000	OK
240 minute winter	J4	132	188.076	0.041	4.5	0.0463	0.0000	OK
240 minute winter	J5	132	187.947	0.037	5.2	0.0423	0.0000	OK
240 minute winter	J6	132	187.708	0.058	5.8	0.0658	0.0000	OK
240 minute winter	J7	132	187.672	0.072	6.4	0.0813	0.0000	OK
240 minute winter	J8	132	187.645	0.052	7.0	0.0590	0.0000	OK
240 minute winter	J9	132	187.347	0.072	7.6	0.0818	0.0000	OK
240 minute winter	J10	132	187.313	0.042	8.4	0.0480	0.0000	OK
240 minute winter	J11	136	187.183	0.062	9.0	0.0703	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC65	67.000	J55	0.7	0.486	0.038	0.0045
240 minute winter	FC66	68.000	S24	0.7	0.556	0.097	0.0027
240 minute winter	FC67	69.000	J56	0.4	0.402	0.061	0.0019
240 minute winter	FC68	70.000	J57	0.6	0.620	0.065	0.0022
240 minute winter	J1	1.001	J2	2.5	0.639	0.299	0.0195
240 minute winter	J2	1.002	J3	3.2	0.700	0.532	0.0047
240 minute winter	J3	1.003	J4	3.9	0.797	0.297	0.0097
240 minute winter	J4	1.004	J5	4.5	1.238	0.135	0.0129
240 minute winter	J5	1.005	J6	5.2	1.078	0.136	0.0276
240 minute winter	J6	1.006	J7	5.8	0.789	0.203	0.0144
240 minute winter	J7	1.007	J8	6.3	0.923	0.456	0.0078
240 minute winter	J8	1.008	J9	7.0	1.342	0.232	0.0443
240 minute winter	J9	1.009	J10	7.6	0.954	0.228	0.0097
240 minute winter	J10	1.010	J11	8.4	1.203	0.065	0.0172
240 minute winter	J11	1.011	S2	9.0	0.693	0.140	0.0706

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J12	132	186.877	0.068	12.0	0.0773	0.0000	OK
240 minute winter	J13	132	186.825	0.123	12.3	0.1389	0.0000	OK
240 minute winter	J14	132	186.811	0.116	12.9	0.1314	0.0000	OK
240 minute winter	J15	136	186.792	0.104	13.5	0.1176	0.0000	OK
240 minute winter	J16	136	186.756	0.086	14.1	0.0969	0.0000	OK
240 minute winter	J17	136	186.417	0.059	14.7	0.0669	0.0000	OK
240 minute winter	J18	136	186.267	0.073	17.0	0.0827	0.0000	OK
240 minute winter	J19	256	186.155	0.128	17.7	0.1450	0.0000	OK
240 minute winter	J20	260	186.155	0.224	0.9	0.2534	0.0000	SURCHARGED
240 minute winter	J21	252	186.155	0.260	1.6	0.2940	0.0000	SURCHARGED
240 minute winter	J22	256	186.156	0.337	2.3	0.3817	0.0000	SURCHARGED
240 minute winter	J23	256	186.156	0.373	2.7	0.4218	0.0000	SURCHARGED
240 minute winter	J24	256	186.156	0.506	4.9	0.5723	0.0000	SURCHARGED
240 minute winter	J25	256	186.156	0.541	5.5	0.6121	0.0000	SURCHARGED
240 minute winter	J26	256	186.156	0.569	6.3	0.6437	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J12	1.013	J13	12.0	0.747	0.179	0.1046
240 minute winter	J13	1.014	J14	12.3	0.576	0.393	0.0406
240 minute winter	J14	1.015	J15	12.9	0.669	0.413	0.0370
240 minute winter	J15	1.016	J16	13.5	0.849	0.441	0.0815
240 minute winter	J16	1.017	J17	14.1	1.121	0.234	0.0422
240 minute winter	J17	1.018	S3	14.7	1.088	0.101	0.0257
240 minute winter	J18	1.020	J19	17.0	1.838	0.131	0.0139
240 minute winter	J19	1.021	S4	17.7	0.759	0.322	0.1327
240 minute winter	J20	23.002	J21	0.9	0.433	0.160	0.0295
240 minute winter	J21	23.003	J22	1.6	0.524	0.278	0.0627
240 minute winter	J22	23.004	J23	2.3	0.636	0.394	0.0281
240 minute winter	J23	23.005	S18	2.7	0.714	0.456	0.0587
240 minute winter	J24	23.007	J25	4.9	0.569	0.365	0.1088
240 minute winter	J25	23.008	J26	5.5	0.594	0.416	0.0874
240 minute winter	J26	23.009	S19	6.3	0.700	0.470	0.0652

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J27	252	186.158	0.697	8.4	0.7882	0.0000	SURCHARGED
240 minute winter	J28	128	186.405	0.049	2.7	0.0554	0.0000	OK
240 minute winter	J29	128	186.328	0.057	3.2	0.0643	0.0000	OK
240 minute winter	J30	132	186.215	0.068	4.5	0.0765	0.0000	OK
240 minute winter	J31	132	186.188	0.069	5.2	0.0785	0.0000	OK
240 minute winter	J32	132	186.136	0.072	6.0	0.0811	0.0000	OK
240 minute winter	J33	132	185.659	0.049	8.2	0.0553	0.0000	OK
240 minute winter	J34	132	185.207	0.082	10.3	0.0925	0.0000	OK
240 minute winter	J35	132	185.129	0.054	10.9	0.0611	0.0000	OK
240 minute winter	J36	136	184.966	0.090	11.5	0.1024	0.0000	OK
240 minute winter	J37	132	184.671	0.096	13.4	0.1090	0.0000	OK
240 minute winter	J38	132	184.496	0.121	14.7	0.1372	0.0000	OK
240 minute winter	J39	132	184.457	0.119	15.4	0.1350	0.0000	OK
240 minute winter	J40	128	184.427	0.102	16.0	0.1158	0.0000	OK
240 minute winter	J41	140	184.628	0.031	1.2	0.0352	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J27	23.011	S4	8.1	0.651	0.271	0.0951
240 minute winter	J28	32.001	J29	2.7	0.633	0.450	0.0371
240 minute winter	J29	32.002	S12	3.2	0.737	0.543	0.0204
240 minute winter	J30	32.004	J31	4.6	0.582	0.343	0.0390
240 minute winter	J31	32.005	J32	5.2	0.643	0.394	0.0793
240 minute winter	J32	32.006	S13	6.0	0.887	0.448	0.0359
240 minute winter	J33	32.008	S14	8.2	1.016	0.229	0.0731
240 minute winter	J34	32.010	J35	10.3	1.019	0.266	0.0917
240 minute winter	J35	32.011	J36	10.9	0.988	0.122	0.0764
240 minute winter	J36	32.012	S15	12.0	1.071	0.399	0.0269
240 minute winter	J37	32.014	S16	13.4	1.155	0.441	0.0610
240 minute winter	J38	32.016	J39	14.7	0.681	0.487	0.2336
240 minute winter	J39	32.017	J40	15.4	0.791	0.500	0.0711
240 minute winter	J40	32.018	S10	16.0	0.962	0.372	0.1593
240 minute winter	J41	48.002	J42	1.2	0.491	0.201	0.0153

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J42	140	184.576	0.039	1.9	0.0443	0.0000	OK
240 minute winter	J43	140	184.423	0.063	3.6	0.0714	0.0000	OK
240 minute winter	J44	140	184.411	0.061	4.3	0.0684	0.0000	OK
240 minute winter	J45	140	184.385	0.085	5.0	0.0966	0.0000	OK
240 minute winter	J46	140	184.362	0.090	6.9	0.1017	0.0000	OK
240 minute winter	J47	140	184.338	0.090	7.5	0.1021	0.0000	OK
240 minute winter	J48	140	184.260	0.106	9.3	0.1202	0.0000	OK
240 minute winter	J49	140	184.249	0.120	10.0	0.1356	0.0000	OK
240 minute winter	J50	140	184.241	0.116	10.7	0.1308	0.0000	OK
240 minute winter	J51	140	184.228	0.120	11.3	0.1355	0.0000	OK
240 minute winter	J52	140	184.216	0.112	12.1	0.1269	0.0000	OK
240 minute winter	J53	140	184.193	0.106	12.7	0.1202	0.0000	OK
240 minute winter	J54	140	185.018	0.038	1.6	0.0435	0.0000	OK
240 minute winter	J55	140	184.989	0.045	2.3	0.0511	0.0000	OK
240 minute winter	J56	280	184.151	0.184	18.3	0.2085	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J42	48.003	S21	1.9	0.538	0.321	0.0288
240 minute winter	J43	48.005	J44	3.6	0.525	0.257	0.0110
240 minute winter	J44	48.006	J45	4.3	0.506	0.322	0.0746
240 minute winter	J45	48.007	S22	5.0	0.468	0.368	0.0256
240 minute winter	J46	48.009	J47	6.9	0.623	0.515	0.0465
240 minute winter	J47	48.010	S23	7.5	0.727	0.560	0.0271
240 minute winter	J48	48.012	J49	9.3	0.468	0.312	0.1487
240 minute winter	J49	48.013	J50	10.0	0.478	0.327	0.0239
240 minute winter	J50	48.014	J51	10.7	0.511	0.359	0.1066
240 minute winter	J51	48.015	J52	11.3	0.548	0.369	0.0234
240 minute winter	J52	48.016	J53	12.1	0.634	0.397	0.0931
240 minute winter	J53	48.017	S24	12.7	0.751	0.421	0.1732
240 minute winter	J54	65.002	J55	1.6	0.511	0.268	0.0113
240 minute winter	J55	65.003	S24	2.3	0.686	0.388	0.0262
240 minute winter	J56	48.019	J57	18.3	0.604	0.338	0.4410

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Results for 30 year +35% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J57	280	184.151	0.206	18.9	0.2334	0.0000	OK
240 minute winter	BASIN 1	252	186.153	1.153	25.5	157.1940	0.0000	SURCHARGED
240 minute winter	BASIN 2	480	184.609	0.309	1.5	29.0526	0.0000	OK
240 minute winter	BASIN 3	288	183.258	0.158	18.0	111.0368	0.0000	OK
240 minute winter	BASIN 4	280	184.151	0.821	18.9	119.8977	0.0000	SURCHARGED
240 minute winter	SWALE 1	252	184.967	0.035	1.5	0.0390	0.0000	OK
240 minute winter	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
240 minute winter	SWALE 3	128	184.176	0.106	18.0	0.1199	0.0000	OK
240 minute winter	BH1	480	184.608	0.531	0.9	2.3433	0.0000	OK
240 minute winter	BH2	268	183.259	0.207	2.8	2.6331	0.0000	OK
240 minute winter	BH3	280	184.151	0.845	2.3	5.5499	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J57	48.020	S25	18.9	0.661	0.350	0.4292
240 minute winter	BASIN 1	1.023	S5	1.5	0.180	0.029	0.6013
240 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
240 minute winter	BASIN 2	71.000	BH1	0.9	0.445	0.147	0.1829
240 minute winter	BASIN 3	1.034	BH2	2.8	0.328	0.033	1.4377
240 minute winter	BASIN 4	48.022	BH3	2.3	0.517	0.044	0.7181
240 minute winter	SWALE 1	1.025	S6	1.5	0.333	0.028	0.1705
240 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
240 minute winter	SWALE 3	1.033	BASIN 3	18.0	0.831	0.259	0.9342
240 minute winter	BH1	Infiltration		0.1			
240 minute winter	BH2	Infiltration		0.2			
240 minute winter	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S1	184	188.393	0.023	1.0	0.0308	0.0000	OK
360 minute summer	S2	192	187.138	0.099	10.8	0.1462	0.0000	OK
360 minute summer	S3	192	186.318	0.106	15.7	0.1380	0.0000	OK
360 minute summer	S4	368	186.155	0.777	24.5	0.9232	0.0000	SURCHARGED
360 minute summer	S5	376	186.156	1.175	1.5	1.3294	0.0000	SURCHARGED
360 minute summer	S6	376	184.879	0.035	1.5	0.0396	0.0000	OK
360 minute summer	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
360 minute summer	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
360 minute summer	S9	192	184.256	0.056	0.1	0.0636	0.0000	OK
360 minute summer	S10	192	184.256	0.072	17.2	0.1102	0.0000	OK
360 minute summer	S11	184	186.446	0.046	2.2	0.0744	0.0000	OK
360 minute summer	S12	184	186.236	0.060	3.7	0.0679	0.0000	OK
360 minute summer	S13	192	186.083	0.049	7.0	0.0702	0.0000	OK
360 minute summer	S14	184	185.339	0.089	9.6	0.1389	0.0000	OK
360 minute summer	S15	184	184.922	0.055	12.6	0.0768	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	S1	1.000	J1	1.0	0.471	0.114	0.0175
360 minute summer	S2	1.012	J12	10.8	0.708	0.363	0.0229
360 minute summer	S3	1.019	J18	15.7	1.079	0.512	0.0748
360 minute summer	S4	1.022	BASIN 1	24.1	1.402	0.144	1.1778
360 minute summer	S5	1.024	SWALE 1	1.5	0.334	0.028	0.0917
360 minute summer	S6	1.026	BASIN 2	1.5	0.381	0.028	0.0228
360 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
360 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0548
360 minute summer	S9	1.031	S10	-0.1	-0.025	-0.001	0.0740
360 minute summer	S10	1.032	SWALE 3	17.2	1.005	0.095	0.0754
360 minute summer	S11	32.000	J28	2.2	0.598	0.367	0.0166
360 minute summer	S12	32.003	J30	3.7	0.536	0.279	0.0354
360 minute summer	S13	32.007	J33	7.0	1.421	0.217	0.0641
360 minute summer	S14	32.009	J34	9.6	0.946	0.553	0.0531
360 minute summer	S15	32.013	J37	12.2	1.068	0.132	0.1082

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S16	192	184.609	0.052	13.4	0.0662	0.0000	OK
360 minute summer	S17	376	186.158	0.157	0.3	0.1781	0.0000	SURCHARGED
360 minute summer	S18	368	186.155	0.494	4.0	0.6982	0.0000	SURCHARGED
360 minute summer	S19	376	186.156	0.665	7.4	0.9108	0.0000	SURCHARGED
360 minute summer	S20	192	184.674	0.032	1.2	0.0387	0.0000	OK
360 minute summer	S21	192	184.511	0.051	2.8	0.0610	0.0000	OK
360 minute summer	S22	192	184.373	0.087	5.9	0.1064	0.0000	OK
360 minute summer	S23	192	184.263	0.105	8.1	0.1242	0.0000	OK
360 minute summer	S24	392	184.155	0.178	17.0	0.2585	0.0000	OK
360 minute summer	S25	392	184.155	0.229	17.9	0.2590	0.0000	OK
360 minute summer	S26	192	185.399	0.022	0.8	0.0260	0.0000	OK
360 minute summer	FC1	200	188.676	0.426	0.9	0.5675	0.0000	SURCHARGED
360 minute summer	FC2	200	188.577	0.427	0.9	0.5680	0.0000	SURCHARGED
360 minute summer	FC3	208	188.842	0.642	1.4	1.4724	0.0000	SURCHARGED
360 minute summer	FC4	192	188.513	0.313	0.7	0.4045	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	S16	32.015	J38	13.4	0.980	0.091	0.0324
360 minute summer	S17	23.001	J20	0.3	0.293	0.058	0.0560
360 minute summer	S18	23.006	J24	4.0	0.525	0.295	0.0323
360 minute summer	S19	23.010	J27	7.3	0.538	0.243	0.3541
360 minute summer	S20	48.001	J41	1.2	0.562	0.199	0.0097
360 minute summer	S21	48.004	J43	2.8	0.711	0.467	0.0198
360 minute summer	S22	48.008	J46	5.9	0.561	0.440	0.0256
360 minute summer	S23	48.011	J48	8.1	0.458	0.264	0.0199
360 minute summer	S24	48.018	J56	17.0	0.565	0.318	0.1910
360 minute summer	S25	48.021	BASIN 4	17.9	0.761	0.324	0.1875
360 minute summer	S26	65.001	J54	0.8	0.696	0.097	0.0104
360 minute summer	FC1	2.000	J1	0.6	0.394	0.104	0.0098
360 minute summer	FC2	3.000	J2	0.6	0.254	0.108	0.0138
360 minute summer	FC3	4.000	J3	0.8	0.547	0.125	0.0136
360 minute summer	FC4	5.000	J4	0.5	0.555	0.072	0.0073

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC5	200	188.428	0.427	0.9	0.5690	0.0000	SURCHARGED
360 minute summer	FC6	192	188.162	0.312	0.7	0.4032	0.0000	SURCHARGED
360 minute summer	FC7	192	188.064	0.314	0.7	0.4051	0.0000	SURCHARGED
360 minute summer	FC8	200	188.173	0.423	0.9	0.5632	0.0000	SURCHARGED
360 minute summer	FC9	192	187.785	0.315	0.7	0.4071	0.0000	SURCHARGED
360 minute summer	FC10	208	188.099	0.629	1.2	1.0654	0.0000	SURCHARGED
360 minute summer	FC11	200	187.728	0.408	0.8	0.5348	0.0000	SURCHARGED
360 minute summer	FC12	200	187.638	0.408	0.8	0.5348	0.0000	SURCHARGED
360 minute summer	FC13	200	187.427	0.427	0.9	0.5686	0.0000	SURCHARGED
360 minute summer	FC14	216	187.042	0.142	0.9	1.8132	0.0000	SURCHARGED
360 minute summer	FC15	192	187.509	0.309	0.7	0.3985	0.0000	SURCHARGED
360 minute summer	FC16	192	187.215	0.315	0.7	0.4062	0.0000	SURCHARGED
360 minute summer	FC17	192	187.310	0.310	0.7	0.4003	0.0000	SURCHARGED
360 minute summer	FC18	192	186.865	0.315	0.7	0.4072	0.0000	SURCHARGED
360 minute summer	FC19	200	186.827	0.427	0.9	0.5687	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC5	6.000	J5	0.6	0.483	0.109	0.0055
360 minute summer	FC6	7.000	J6	0.5	0.610	0.063	0.0066
360 minute summer	FC7	8.000	J7	0.5	0.530	0.077	0.0078
360 minute summer	FC8	9.000	J8	0.6	0.685	0.066	0.0039
360 minute summer	FC9	10.000	J9	0.5	0.468	0.092	0.0085
360 minute summer	FC10	11.000	J10	0.8	0.558	0.119	0.0088
360 minute summer	FC11	12.000	J11	0.6	0.484	0.106	0.0100
360 minute summer	FC12	13.000	S2	0.6	0.484	0.106	0.0089
360 minute summer	FC13	14.000	J12	0.6	0.488	0.108	0.0090
360 minute summer	FC14	15.000	J13	0.4	0.413	0.060	0.0065
360 minute summer	FC15	16.000	J14	0.5	0.989	0.032	0.0026
360 minute summer	FC16	17.000	J15	0.5	0.497	0.085	0.0084
360 minute summer	FC17	18.000	J16	0.5	0.787	0.044	0.0034
360 minute summer	FC18	19.000	J17	0.5	0.466	0.093	0.0083
360 minute summer	FC19	20.000	S3	0.6	0.486	0.109	0.0087

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC20	200	187.370	0.420	0.9	0.5588	0.0000	SURCHARGED
360 minute summer	FC21	200	186.727	0.427	0.9	0.5686	0.0000	SURCHARGED
360 minute summer	FC22	216	186.578	0.127	0.7	1.2393	0.0000	SURCHARGED
360 minute summer	FC23	192	186.615	0.315	0.7	0.4067	0.0000	SURCHARGED
360 minute summer	FC24	200	186.725	0.425	0.9	0.5660	0.0000	SURCHARGED
360 minute summer	FC25	200	186.970	0.420	0.9	0.5589	0.0000	SURCHARGED
360 minute summer	FC26	216	186.575	0.125	0.7	1.2630	0.0000	SURCHARGED
360 minute summer	FC27	192	186.809	0.309	0.7	0.3983	0.0000	SURCHARGED
360 minute summer	FC28	200	186.920	0.420	0.9	0.5588	0.0000	SURCHARGED
360 minute summer	FC29	200	187.015	0.515	1.0	0.6961	0.0000	SURCHARGED
360 minute summer	FC30	200	187.170	0.420	0.9	0.5595	0.0000	SURCHARGED
360 minute summer	FC31	192	186.762	0.312	0.7	0.4026	0.0000	SURCHARGED
360 minute summer	FC32	192	186.760	0.310	0.7	0.4000	0.0000	SURCHARGED
360 minute summer	FC33	200	186.871	0.421	0.9	0.5597	0.0000	SURCHARGED
360 minute summer	FC34	200	186.877	0.427	0.9	0.5683	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC20	21.000	J18	0.6	0.979	0.040	0.0028
360 minute summer	FC21	22.000	J19	0.6	0.487	0.109	0.0101
360 minute summer	FC22	23.000	S17	0.3	0.584	0.018	0.0193
360 minute summer	FC23	24.000	J20	0.5	0.484	0.087	0.0052
360 minute summer	FC24	25.000	J21	0.6	0.569	0.087	0.0053
360 minute summer	FC25	26.000	J22	0.6	0.972	0.041	0.0031
360 minute summer	FC26	27.000	J23	0.3	0.712	0.026	0.0022
360 minute summer	FC27	28.000	J24	0.5	1.021	0.030	0.0102
360 minute summer	FC28	29.000	J25	0.6	0.977	0.040	0.0029
360 minute summer	FC29	30.000	J26	0.7	0.980	0.047	0.0034
360 minute summer	FC30	31.000	J27	0.6	0.912	0.044	0.0031
360 minute summer	FC31	33.000	J28	0.5	0.302	0.061	0.0099
360 minute summer	FC32	34.000	J29	0.5	0.262	0.043	0.0107
360 minute summer	FC33	35.000	S12	0.6	0.896	0.045	0.0030
360 minute summer	FC34	36.000	J30	0.6	0.500	0.104	0.0061

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC35	200	186.870	0.420	0.9	0.5594	0.0000	SURCHARGED
360 minute summer	FC36	200	186.965	0.515	1.0	0.6957	0.0000	SURCHARGED
360 minute summer	FC37	200	186.424	0.624	1.1	0.9410	0.0000	SURCHARGED
360 minute summer	FC38	216	185.564	0.114	0.7	1.3666	0.0000	SURCHARGED
360 minute summer	FC39	192	185.759	0.309	0.7	0.3994	0.0000	SURCHARGED
360 minute summer	FC40	200	185.919	0.419	0.9	0.5577	0.0000	SURCHARGED
360 minute summer	FC41	200	185.273	0.422	0.9	0.5623	0.0000	SURCHARGED
360 minute summer	FC42	200	185.024	0.424	0.9	0.5643	0.0000	SURCHARGED
360 minute summer	FC43	200	185.022	0.422	0.9	0.5621	0.0000	SURCHARGED
360 minute summer	FC44	184	184.618	0.017	0.7	0.0226	0.0000	OK
360 minute summer	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
360 minute summer	FC46	208	185.329	0.629	1.2	1.0671	0.0000	SURCHARGED
360 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute summer	FC48	200	185.220	0.420	0.9	0.5595	0.0000	SURCHARGED
360 minute summer	FC49	200	185.228	0.427	0.9	0.5689	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC35	37.000	J31	0.6	0.901	0.045	0.0041
360 minute summer	FC36	38.000	J32	0.7	0.974	0.045	0.0045
360 minute summer	FC37	39.000	J33	0.8	0.685	0.089	0.0075
360 minute summer	FC38	40.000	J34	0.3	0.673	0.026	0.0023
360 minute summer	FC39	41.000	J35	0.5	0.869	0.038	0.0028
360 minute summer	FC40	42.000	J36	0.6	1.112	0.034	0.0029
360 minute summer	FC41	43.000	J37	0.6	0.726	0.061	0.0045
360 minute summer	FC42	44.000	J38	0.6	0.632	0.075	0.0050
360 minute summer	FC43	45.000	J39	0.6	0.739	0.060	0.0038
360 minute summer	FC44	46.000	J40	0.7	0.777	0.062	0.0039
360 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
360 minute summer	FC46	48.000	S20	0.8	0.464	0.132	0.0109
360 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0055
360 minute summer	FC48	50.000	J42	0.6	0.396	0.046	0.0087
360 minute summer	FC49	51.000	S21	0.6	0.484	0.109	0.0058

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC50	200	185.227	0.427	0.9	0.5689	0.0000	SURCHARGED
360 minute summer	FC51	200	185.277	0.427	0.9	0.5687	0.0000	SURCHARGED
360 minute summer	FC52	200	185.817	0.566	1.0	0.7766	0.0000	SURCHARGED
360 minute summer	FC53	200	185.673	0.423	0.9	0.5636	0.0000	SURCHARGED
360 minute summer	FC54	192	185.561	0.311	0.7	0.4015	0.0000	SURCHARGED
360 minute summer	FC55	192	185.559	0.309	0.7	0.3993	0.0000	SURCHARGED
360 minute summer	FC56	200	185.770	0.420	0.9	0.5590	0.0000	SURCHARGED
360 minute summer	FC57	200	185.770	0.420	0.9	0.5596	0.0000	SURCHARGED
360 minute summer	FC58	192	185.660	0.310	0.7	0.3998	0.0000	SURCHARGED
360 minute summer	FC59	192	185.660	0.310	0.7	0.4006	0.0000	SURCHARGED
360 minute summer	FC60	200	185.772	0.422	0.9	0.5611	0.0000	SURCHARGED
360 minute summer	FC61	200	185.724	0.424	0.9	0.5641	0.0000	SURCHARGED
360 minute summer	FC62	208	185.885	0.635	1.3	1.2505	0.0000	SURCHARGED
360 minute summer	FC63	192	185.716	0.316	0.7	0.4080	0.0000	SURCHARGED
360 minute summer	FC64	200	185.427	0.427	0.9	0.5685	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC50	52.000	J43	0.6	0.484	0.109	0.0062
360 minute summer	FC51	55.000	S22	0.6	0.486	0.109	0.0081
360 minute summer	FC52	58.000	S23	0.7	0.738	0.074	0.0055
360 minute summer	FC53	61.000	J50	0.6	0.664	0.069	0.0041
360 minute summer	FC54	62.000	J51	0.5	0.705	0.051	0.0031
360 minute summer	FC55	64.000	J53	0.5	0.889	0.037	0.0026
360 minute summer	FC56	53.000	J44	0.6	0.960	0.042	0.0044
360 minute summer	FC57	54.000	J45	0.6	0.901	0.045	0.0046
360 minute summer	FC58	56.000	J46	0.5	0.827	0.041	0.0041
360 minute summer	FC59	57.000	J47	0.5	0.767	0.046	0.0046
360 minute summer	FC60	59.000	J48	0.6	0.794	0.054	0.0054
360 minute summer	FC61	60.000	J49	0.6	0.637	0.074	0.0075
360 minute summer	FC62	63.000	J52	0.8	0.623	0.103	0.0119
360 minute summer	FC63	65.000	S26	0.5	0.460	0.093	0.0030
360 minute summer	FC64	66.000	J54	0.6	0.334	0.109	0.0044

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC65	200	185.569	0.419	0.9	0.5576	0.0000	SURCHARGED
360 minute summer	FC66	200	185.426	0.426	0.9	0.5671	0.0000	SURCHARGED
360 minute summer	FC67	216	184.926	0.126	0.7	1.2972	0.0000	SURCHARGED
360 minute summer	FC68	192	184.863	0.313	0.7	0.4035	0.0000	SURCHARGED
360 minute summer	J1	184	188.240	0.040	2.6	0.0541	0.0000	OK
360 minute summer	J2	184	188.166	0.060	3.1	0.0675	0.0000	OK
360 minute summer	J3	184	188.102	0.056	3.9	0.0633	0.0000	OK
360 minute summer	J4	184	188.075	0.040	4.4	0.0455	0.0000	OK
360 minute summer	J5	184	187.947	0.037	5.0	0.0413	0.0000	OK
360 minute summer	J6	192	187.706	0.056	5.5	0.0635	0.0000	OK
360 minute summer	J7	192	187.670	0.070	6.0	0.0790	0.0000	OK
360 minute summer	J8	192	187.644	0.051	6.7	0.0574	0.0000	OK
360 minute summer	J9	192	187.345	0.070	7.2	0.0796	0.0000	OK
360 minute summer	J10	192	187.311	0.041	8.0	0.0467	0.0000	OK
360 minute summer	J11	192	187.181	0.060	8.6	0.0683	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC65	67.000	J55	0.6	0.366	0.034	0.0042
360 minute summer	FC66	68.000	S24	0.6	0.543	0.089	0.0025
360 minute summer	FC67	69.000	J56	0.3	0.394	0.057	0.0018
360 minute summer	FC68	70.000	J57	0.5	0.610	0.061	0.0021
360 minute summer	J1	1.001	J2	2.6	0.655	0.308	0.0196
360 minute summer	J2	1.002	J3	3.1	0.698	0.526	0.0046
360 minute summer	J3	1.003	J4	3.9	0.798	0.292	0.0095
360 minute summer	J4	1.004	J5	4.4	1.233	0.130	0.0125
360 minute summer	J5	1.005	J6	4.9	1.077	0.129	0.0264
360 minute summer	J6	1.006	J7	5.5	0.784	0.192	0.0138
360 minute summer	J7	1.007	J8	6.0	0.910	0.432	0.0075
360 minute summer	J8	1.008	J9	6.7	1.324	0.220	0.0426
360 minute summer	J9	1.009	J10	7.2	0.941	0.216	0.0094
360 minute summer	J10	1.010	J11	8.0	1.193	0.062	0.0166
360 minute summer	J11	1.011	S2	8.6	0.685	0.134	0.0683

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J12	192	186.876	0.067	11.5	0.0754	0.0000	OK
360 minute summer	J13	192	186.822	0.120	11.8	0.1354	0.0000	OK
360 minute summer	J14	192	186.808	0.113	12.4	0.1282	0.0000	OK
360 minute summer	J15	192	186.790	0.102	12.9	0.1149	0.0000	OK
360 minute summer	J16	192	186.754	0.084	13.5	0.0945	0.0000	OK
360 minute summer	J17	192	186.415	0.057	14.0	0.0648	0.0000	OK
360 minute summer	J18	192	186.265	0.071	16.3	0.0804	0.0000	OK
360 minute summer	J19	368	186.155	0.128	16.9	0.1450	0.0000	OK
360 minute summer	J20	376	186.157	0.226	0.9	0.2560	0.0000	SURCHARGED
360 minute summer	J21	376	186.157	0.262	1.5	0.2964	0.0000	SURCHARGED
360 minute summer	J22	376	186.156	0.338	2.2	0.3820	0.0000	SURCHARGED
360 minute summer	J23	368	186.156	0.372	2.5	0.4213	0.0000	SURCHARGED
360 minute summer	J24	368	186.155	0.505	4.6	0.5713	0.0000	SURCHARGED
360 minute summer	J25	376	186.156	0.541	5.2	0.6118	0.0000	SURCHARGED
360 minute summer	J26	376	186.157	0.570	5.9	0.6442	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J12	1.013	J13	11.5	0.741	0.172	0.1012
360 minute summer	J13	1.014	J14	11.8	0.570	0.377	0.0393
360 minute summer	J14	1.015	J15	12.4	0.661	0.396	0.0358
360 minute summer	J15	1.016	J16	12.9	0.840	0.422	0.0789
360 minute summer	J16	1.017	J17	13.5	1.109	0.224	0.0409
360 minute summer	J17	1.018	S3	14.0	1.078	0.096	0.0249
360 minute summer	J18	1.020	J19	16.3	1.821	0.126	0.0134
360 minute summer	J19	1.021	S4	16.9	0.749	0.307	0.1334
360 minute summer	J20	23.002	J21	0.9	0.428	0.150	0.0295
360 minute summer	J21	23.003	J22	1.5	0.515	0.258	0.0627
360 minute summer	J22	23.004	J23	2.2	0.621	0.365	0.0281
360 minute summer	J23	23.005	S18	2.5	0.702	0.423	0.0587
360 minute summer	J24	23.007	J25	4.6	0.564	0.345	0.1088
360 minute summer	J25	23.008	J26	5.2	0.584	0.392	0.0874
360 minute summer	J26	23.009	S19	5.8	0.683	0.436	0.0652

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J27	376	186.158	0.697	7.9	0.7884	0.0000	SURCHARGED
360 minute summer	J28	184	186.405	0.049	2.7	0.0557	0.0000	OK
360 minute summer	J29	184	186.327	0.056	3.2	0.0635	0.0000	OK
360 minute summer	J30	192	186.213	0.066	4.3	0.0742	0.0000	OK
360 minute summer	J31	192	186.186	0.067	5.0	0.0762	0.0000	OK
360 minute summer	J32	192	186.134	0.070	5.7	0.0790	0.0000	OK
360 minute summer	J33	192	185.658	0.048	7.8	0.0540	0.0000	OK
360 minute summer	J34	184	185.205	0.080	9.9	0.0904	0.0000	OK
360 minute summer	J35	192	185.128	0.053	10.4	0.0595	0.0000	OK
360 minute summer	J36	192	184.964	0.089	11.0	0.1007	0.0000	OK
360 minute summer	J37	192	184.669	0.094	12.8	0.1063	0.0000	OK
360 minute summer	J38	192	184.493	0.118	14.0	0.1334	0.0000	OK
360 minute summer	J39	192	184.454	0.116	14.7	0.1314	0.0000	OK
360 minute summer	J40	192	184.425	0.100	15.3	0.1128	0.0000	OK
360 minute summer	J41	192	184.628	0.031	1.2	0.0352	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J27	23.011	S4	7.5	0.624	0.253	0.0951
360 minute summer	J28	32.001	J29	2.7	0.640	0.451	0.0369
360 minute summer	J29	32.002	S12	3.2	0.733	0.532	0.0200
360 minute summer	J30	32.004	J31	4.3	0.578	0.327	0.0375
360 minute summer	J31	32.005	J32	5.0	0.635	0.375	0.0765
360 minute summer	J32	32.006	S13	5.7	0.874	0.428	0.0346
360 minute summer	J33	32.008	S14	7.8	1.007	0.219	0.0706
360 minute summer	J34	32.010	J35	9.8	1.010	0.255	0.0886
360 minute summer	J35	32.011	J36	10.4	0.976	0.117	0.0743
360 minute summer	J36	32.012	S15	11.5	1.052	0.384	0.0262
360 minute summer	J37	32.014	S16	12.8	1.145	0.420	0.0588
360 minute summer	J38	32.016	J39	14.1	0.674	0.466	0.2257
360 minute summer	J39	32.017	J40	14.7	0.782	0.478	0.0688
360 minute summer	J40	32.018	S10	15.3	0.952	0.356	0.1541
360 minute summer	J41	48.002	J42	1.2	0.490	0.199	0.0150

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J42	192	184.575	0.038	1.8	0.0434	0.0000	OK
360 minute summer	J43	192	184.421	0.061	3.4	0.0688	0.0000	OK
360 minute summer	J44	192	184.408	0.058	4.0	0.0657	0.0000	OK
360 minute summer	J45	192	184.381	0.081	4.7	0.0920	0.0000	OK
360 minute summer	J46	192	184.358	0.086	6.5	0.0974	0.0000	OK
360 minute summer	J47	192	184.335	0.087	7.0	0.0982	0.0000	OK
360 minute summer	J48	192	184.255	0.101	8.8	0.1146	0.0000	OK
360 minute summer	J49	192	184.244	0.115	9.4	0.1298	0.0000	OK
360 minute summer	J50	192	184.236	0.111	10.0	0.1251	0.0000	OK
360 minute summer	J51	192	184.223	0.115	10.6	0.1302	0.0000	OK
360 minute summer	J52	192	184.212	0.108	11.3	0.1220	0.0000	OK
360 minute summer	J53	192	184.189	0.102	11.9	0.1158	0.0000	OK
360 minute summer	J54	192	185.016	0.037	1.5	0.0419	0.0000	OK
360 minute summer	J55	192	184.987	0.043	2.1	0.0490	0.0000	OK
360 minute summer	J56	392	184.155	0.188	17.3	0.2127	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J42	48.003	S21	1.8	0.535	0.309	0.0279
360 minute summer	J43	48.005	J44	3.4	0.523	0.243	0.0104
360 minute summer	J44	48.006	J45	4.0	0.503	0.302	0.0704
360 minute summer	J45	48.007	S22	4.7	0.465	0.344	0.0242
360 minute summer	J46	48.009	J47	6.5	0.614	0.484	0.0443
360 minute summer	J47	48.010	S23	7.0	0.713	0.525	0.0259
360 minute summer	J48	48.012	J49	8.8	0.465	0.293	0.1404
360 minute summer	J49	48.013	J50	9.4	0.472	0.306	0.0226
360 minute summer	J50	48.014	J51	10.0	0.503	0.335	0.1011
360 minute summer	J51	48.015	J52	10.6	0.538	0.344	0.0223
360 minute summer	J52	48.016	J53	11.3	0.624	0.372	0.0886
360 minute summer	J53	48.017	S24	11.9	0.737	0.393	0.1653
360 minute summer	J54	65.002	J55	1.5	0.505	0.251	0.0107
360 minute summer	J55	65.003	S24	2.1	0.673	0.360	0.0248
360 minute summer	J56	48.019	J57	17.3	0.596	0.319	0.4505

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Results for 30 year +35% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J57	392	184.155	0.210	17.9	0.2375	0.0000	OK
360 minute summer	BASIN 1	376	186.156	1.155	24.1	157.5805	0.0000	SURCHARGED
360 minute summer	BASIN 2	600	184.671	0.371	1.5	35.6057	0.0000	OK
360 minute summer	BASIN 3	400	183.260	0.160	17.3	112.4942	0.0000	OK
360 minute summer	BASIN 4	392	184.155	0.825	17.9	120.5181	0.0000	SURCHARGED
360 minute summer	SWALE 1	376	184.967	0.035	1.5	0.0391	0.0000	OK
360 minute summer	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWALE 3	192	184.174	0.104	17.2	0.1172	0.0000	OK
360 minute summer	BH1	600	184.671	0.594	0.6	2.5252	0.0000	OK
360 minute summer	BH2	384	183.261	0.208	1.4	2.6416	0.0000	OK
360 minute summer	BH3	392	184.155	0.849	1.8	5.5671	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J57	48.020	S25	17.9	0.652	0.331	0.4370
360 minute summer	BASIN 1	1.023	S5	1.5	0.172	0.028	0.6013
360 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
360 minute summer	BASIN 2	71.000	BH1	0.6	0.424	0.109	0.1829
360 minute summer	BASIN 3	1.034	BH2	1.4	0.270	0.017	1.4568
360 minute summer	BASIN 4	48.022	BH3	1.8	0.468	0.033	0.7181
360 minute summer	SWALE 1	1.025	S6	1.5	0.333	0.028	0.1707
360 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
360 minute summer	SWALE 3	1.033	BASIN 3	17.3	0.823	0.249	0.9069
360 minute summer	BH1	Infiltration		0.1			
360 minute summer	BH2	Infiltration		0.2			
360 minute summer	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S1	184	188.389	0.019	0.7	0.0259	0.0000	OK
360 minute winter	S2	192	187.131	0.092	9.4	0.1353	0.0000	OK
360 minute winter	S3	200	186.310	0.098	13.5	0.1273	0.0000	OK
360 minute winter	S4	360	186.256	0.878	20.9	1.0434	0.0000	SURCHARGED
360 minute winter	S5	368	186.246	1.266	1.7	1.4318	0.0000	SURCHARGED
360 minute winter	S6	368	184.880	0.036	1.6	0.0403	0.0000	OK
360 minute winter	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
360 minute winter	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
360 minute winter	S9	192	184.248	0.048	0.0	0.0546	0.0000	OK
360 minute winter	S10	192	184.248	0.064	14.2	0.0980	0.0000	OK
360 minute winter	S11	184	186.438	0.038	1.6	0.0617	0.0000	OK
360 minute winter	S12	184	186.229	0.053	3.0	0.0599	0.0000	OK
360 minute winter	S13	184	186.078	0.044	5.8	0.0631	0.0000	OK
360 minute winter	S14	192	185.328	0.078	7.8	0.1223	0.0000	OK
360 minute winter	S15	192	184.917	0.050	10.4	0.0699	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	S1	1.000	J1	0.7	0.426	0.080	0.0139
360 minute winter	S2	1.012	J12	9.4	0.678	0.314	0.0207
360 minute winter	S3	1.019	J18	13.5	1.041	0.441	0.0668
360 minute winter	S4	1.022	BASIN 1	20.7	1.345	0.124	1.1778
360 minute winter	S5	1.024	SWALE 1	1.6	0.338	0.029	0.0942
360 minute winter	S6	1.026	BASIN 2	1.6	0.386	0.029	0.0234
360 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
360 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0439
360 minute winter	S9	1.031	S10	0.0	-0.034	0.000	0.0613
360 minute winter	S10	1.032	SWALE 3	14.2	0.964	0.079	0.0648
360 minute winter	S11	32.000	J28	1.6	0.549	0.268	0.0132
360 minute winter	S12	32.003	J30	3.0	0.509	0.226	0.0302
360 minute winter	S13	32.007	J33	5.7	1.346	0.178	0.0556
360 minute winter	S14	32.009	J34	7.8	0.903	0.453	0.0456
360 minute winter	S15	32.013	J37	10.1	1.005	0.109	0.0951

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S16	192	184.603	0.046	11.1	0.0581	0.0000	OK
360 minute winter	S17	384	186.254	0.254	0.3	0.2872	0.0000	SURCHARGED
360 minute winter	S18	384	186.254	0.593	3.5	0.8382	0.0000	SURCHARGED
360 minute winter	S19	392	186.251	0.760	6.2	1.0410	0.0000	SURCHARGED
360 minute winter	S20	200	184.672	0.030	1.1	0.0367	0.0000	OK
360 minute winter	S21	200	184.506	0.047	2.4	0.0561	0.0000	OK
360 minute winter	S22	200	184.365	0.079	5.2	0.0969	0.0000	OK
360 minute winter	S23	200	184.254	0.096	7.1	0.1133	0.0000	OK
360 minute winter	S24	376	184.229	0.252	14.8	0.3653	0.0000	OK
360 minute winter	S25	376	184.229	0.303	15.5	0.3431	0.0000	SURCHARGED
360 minute winter	S26	184	185.397	0.020	0.8	0.0244	0.0000	OK
360 minute winter	FC1	200	188.585	0.335	0.6	0.4457	0.0000	SURCHARGED
360 minute winter	FC2	200	188.485	0.335	0.6	0.4462	0.0000	SURCHARGED
360 minute winter	FC3	216	188.832	0.632	1.0	1.2084	0.0000	SURCHARGED
360 minute winter	FC4	200	188.443	0.242	0.5	0.3130	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	S16	32.015	J38	11.1	0.952	0.076	0.0277
360 minute winter	S17	23.001	J20	0.3	0.286	0.057	0.0560
360 minute winter	S18	23.006	J24	3.4	0.508	0.249	0.0323
360 minute winter	S19	23.010	J27	5.8	0.515	0.193	0.3541
360 minute winter	S20	48.001	J41	1.1	0.549	0.180	0.0090
360 minute winter	S21	48.004	J43	2.4	0.687	0.406	0.0178
360 minute winter	S22	48.008	J46	5.2	0.549	0.384	0.0229
360 minute winter	S23	48.011	J48	7.1	0.450	0.229	0.0176
360 minute winter	S24	48.018	J56	14.8	0.546	0.276	0.2722
360 minute winter	S25	48.021	BASIN 4	15.5	0.731	0.282	0.2248
360 minute winter	S26	65.001	J54	0.7	0.672	0.085	0.0095
360 minute winter	FC1	2.000	J1	0.6	0.360	0.091	0.0082
360 minute winter	FC2	3.000	J2	0.6	0.233	0.095	0.0120
360 minute winter	FC3	4.000	J3	0.8	0.546	0.124	0.0135
360 minute winter	FC4	5.000	J4	0.5	0.533	0.063	0.0066

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC5	200	188.336	0.336	0.6	0.4472	0.0000	SURCHARGED
360 minute winter	FC6	200	188.091	0.241	0.5	0.3117	0.0000	SURCHARGED
360 minute winter	FC7	200	187.993	0.243	0.5	0.3137	0.0000	SURCHARGED
360 minute winter	FC8	200	188.082	0.332	0.6	0.4414	0.0000	SURCHARGED
360 minute winter	FC9	200	187.715	0.245	0.5	0.3157	0.0000	SURCHARGED
360 minute winter	FC10	200	188.080	0.610	0.9	0.8606	0.0000	SURCHARGED
360 minute winter	FC11	200	187.626	0.306	0.6	0.4014	0.0000	SURCHARGED
360 minute winter	FC12	200	187.536	0.306	0.6	0.4015	0.0000	SURCHARGED
360 minute winter	FC13	200	187.336	0.336	0.6	0.4468	0.0000	SURCHARGED
360 minute winter	FC14	232	187.045	0.145	0.6	1.8598	0.0000	SURCHARGED
360 minute winter	FC15	200	187.437	0.237	0.5	0.3064	0.0000	SURCHARGED
360 minute winter	FC16	200	187.144	0.244	0.5	0.3147	0.0000	SURCHARGED
360 minute winter	FC17	200	187.239	0.239	0.5	0.3086	0.0000	SURCHARGED
360 minute winter	FC18	200	186.795	0.245	0.5	0.3158	0.0000	SURCHARGED
360 minute winter	FC19	200	186.736	0.336	0.6	0.4469	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC5	6.000	J5	0.6	0.466	0.096	0.0050
360 minute winter	FC6	7.000	J6	0.5	0.587	0.055	0.0060
360 minute winter	FC7	8.000	J7	0.5	0.509	0.067	0.0068
360 minute winter	FC8	9.000	J8	0.6	0.661	0.058	0.0036
360 minute winter	FC9	10.000	J9	0.5	0.450	0.081	0.0077
360 minute winter	FC10	11.000	J10	0.8	0.555	0.117	0.0087
360 minute winter	FC11	12.000	J11	0.5	0.464	0.092	0.0090
360 minute winter	FC12	13.000	S2	0.5	0.464	0.091	0.0080
360 minute winter	FC13	14.000	J12	0.6	0.471	0.095	0.0082
360 minute winter	FC14	15.000	J13	0.4	0.415	0.061	0.0066
360 minute winter	FC15	16.000	J14	0.5	0.950	0.028	0.0024
360 minute winter	FC16	17.000	J15	0.5	0.478	0.074	0.0076
360 minute winter	FC17	18.000	J16	0.5	0.757	0.038	0.0031
360 minute winter	FC18	19.000	J17	0.5	0.448	0.081	0.0075
360 minute winter	FC19	20.000	S3	0.6	0.469	0.096	0.0080

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC20	200	187.278	0.328	0.6	0.4369	0.0000	SURCHARGED
360 minute winter	FC21	200	186.636	0.336	0.6	0.4469	0.0000	SURCHARGED
360 minute winter	FC22	224	186.574	0.124	0.5	1.2083	0.0000	SURCHARGED
360 minute winter	FC23	200	186.544	0.244	0.5	0.3153	0.0000	SURCHARGED
360 minute winter	FC24	200	186.634	0.334	0.6	0.4443	0.0000	SURCHARGED
360 minute winter	FC25	200	186.878	0.328	0.6	0.4370	0.0000	SURCHARGED
360 minute winter	FC26	224	186.572	0.122	0.5	1.2350	0.0000	SURCHARGED
360 minute winter	FC27	200	186.737	0.237	0.5	0.3062	0.0000	SURCHARGED
360 minute winter	FC28	200	186.828	0.328	0.6	0.4369	0.0000	SURCHARGED
360 minute winter	FC29	200	186.898	0.398	0.7	0.5375	0.0000	SURCHARGED
360 minute winter	FC30	200	187.079	0.329	0.6	0.4377	0.0000	SURCHARGED
360 minute winter	FC31	200	186.691	0.241	0.5	0.3110	0.0000	SURCHARGED
360 minute winter	FC32	200	186.689	0.239	0.5	0.3082	0.0000	SURCHARGED
360 minute winter	FC33	200	186.779	0.329	0.6	0.4379	0.0000	SURCHARGED
360 minute winter	FC34	200	186.786	0.335	0.6	0.4465	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC20	21.000	J18	0.6	0.944	0.035	0.0026
360 minute winter	FC21	22.000	J19	0.6	0.470	0.096	0.0092
360 minute winter	FC22	23.000	S17	0.3	0.581	0.018	0.0195
360 minute winter	FC23	24.000	J20	0.5	0.466	0.076	0.0047
360 minute winter	FC24	25.000	J21	0.6	0.548	0.076	0.0048
360 minute winter	FC25	26.000	J22	0.6	0.937	0.036	0.0033
360 minute winter	FC26	27.000	J23	0.3	0.709	0.025	0.0035
360 minute winter	FC27	28.000	J24	0.5	0.981	0.026	0.0180
360 minute winter	FC28	29.000	J25	0.6	0.942	0.035	0.0106
360 minute winter	FC29	30.000	J26	0.6	0.943	0.041	0.0100
360 minute winter	FC30	31.000	J27	0.6	0.879	0.039	0.0028
360 minute winter	FC31	33.000	J28	0.5	0.275	0.053	0.0082
360 minute winter	FC32	34.000	J29	0.5	0.244	0.038	0.0091
360 minute winter	FC33	35.000	S12	0.6	0.864	0.040	0.0027
360 minute winter	FC34	36.000	J30	0.6	0.482	0.092	0.0056

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC35	200	186.779	0.329	0.6	0.4378	0.0000	SURCHARGED
360 minute winter	FC36	200	186.848	0.398	0.7	0.5373	0.0000	SURCHARGED
360 minute winter	FC37	208	186.344	0.544	0.8	0.7564	0.0000	SURCHARGED
360 minute winter	FC38	224	185.563	0.112	0.5	1.3530	0.0000	SURCHARGED
360 minute winter	FC39	200	185.688	0.238	0.5	0.3076	0.0000	SURCHARGED
360 minute winter	FC40	200	185.827	0.327	0.6	0.4357	0.0000	SURCHARGED
360 minute winter	FC41	200	185.181	0.331	0.6	0.4405	0.0000	SURCHARGED
360 minute winter	FC42	200	184.933	0.332	0.6	0.4426	0.0000	SURCHARGED
360 minute winter	FC43	200	184.931	0.331	0.6	0.4403	0.0000	SURCHARGED
360 minute winter	FC44	176	184.615	0.015	0.5	0.0191	0.0000	OK
360 minute winter	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
360 minute winter	FC46	200	185.311	0.611	0.9	0.8617	0.0000	SURCHARGED
360 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute winter	FC48	200	185.129	0.329	0.6	0.4376	0.0000	SURCHARGED
360 minute winter	FC49	200	185.136	0.336	0.6	0.4472	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC35	37.000	J31	0.6	0.870	0.040	0.0033
360 minute winter	FC36	38.000	J32	0.6	0.962	0.040	0.0033
360 minute winter	FC37	39.000	J33	0.7	0.672	0.083	0.0072
360 minute winter	FC38	40.000	J34	0.3	0.672	0.026	0.0023
360 minute winter	FC39	41.000	J35	0.5	0.835	0.033	0.0025
360 minute winter	FC40	42.000	J36	0.6	1.070	0.030	0.0027
360 minute winter	FC41	43.000	J37	0.6	0.700	0.054	0.0041
360 minute winter	FC42	44.000	J38	0.6	0.610	0.066	0.0046
360 minute winter	FC43	45.000	J39	0.6	0.713	0.052	0.0034
360 minute winter	FC44	46.000	J40	0.5	0.708	0.044	0.0031
360 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
360 minute winter	FC46	48.000	S20	0.8	0.456	0.130	0.0105
360 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0051
360 minute winter	FC48	50.000	J42	0.6	0.374	0.041	0.0081
360 minute winter	FC49	51.000	S21	0.6	0.467	0.096	0.0053

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC50	200	185.136	0.336	0.6	0.4471	0.0000	SURCHARGED
360 minute winter	FC51	200	185.186	0.336	0.6	0.4469	0.0000	SURCHARGED
360 minute winter	FC52	200	185.702	0.452	0.8	0.6191	0.0000	SURCHARGED
360 minute winter	FC53	200	185.582	0.332	0.6	0.4418	0.0000	SURCHARGED
360 minute winter	FC54	200	185.490	0.240	0.5	0.3099	0.0000	SURCHARGED
360 minute winter	FC55	200	185.488	0.238	0.5	0.3074	0.0000	SURCHARGED
360 minute winter	FC56	200	185.678	0.328	0.6	0.4371	0.0000	SURCHARGED
360 minute winter	FC57	200	185.679	0.329	0.6	0.4378	0.0000	SURCHARGED
360 minute winter	FC58	200	185.589	0.239	0.5	0.3080	0.0000	SURCHARGED
360 minute winter	FC59	200	185.589	0.239	0.5	0.3088	0.0000	SURCHARGED
360 minute winter	FC60	200	185.680	0.330	0.6	0.4393	0.0000	SURCHARGED
360 minute winter	FC61	200	185.632	0.332	0.6	0.4424	0.0000	SURCHARGED
360 minute winter	FC62	208	185.873	0.623	0.9	0.9662	0.0000	SURCHARGED
360 minute winter	FC63	200	185.645	0.245	0.5	0.3165	0.0000	SURCHARGED
360 minute winter	FC64	200	185.336	0.336	0.6	0.4466	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC50	52.000	J43	0.6	0.467	0.096	0.0057
360 minute winter	FC51	55.000	S22	0.6	0.469	0.096	0.0074
360 minute winter	FC52	58.000	S23	0.7	0.713	0.066	0.0051
360 minute winter	FC53	61.000	J50	0.6	0.640	0.061	0.0038
360 minute winter	FC54	62.000	J51	0.5	0.677	0.044	0.0028
360 minute winter	FC55	64.000	J53	0.5	0.853	0.032	0.0023
360 minute winter	FC56	53.000	J44	0.6	0.925	0.037	0.0040
360 minute winter	FC57	54.000	J45	0.6	0.868	0.040	0.0042
360 minute winter	FC58	56.000	J46	0.5	0.795	0.036	0.0037
360 minute winter	FC59	57.000	J47	0.5	0.737	0.040	0.0042
360 minute winter	FC60	59.000	J48	0.6	0.766	0.048	0.0049
360 minute winter	FC61	60.000	J49	0.6	0.614	0.066	0.0068
360 minute winter	FC62	63.000	J52	0.8	0.621	0.102	0.0118
360 minute winter	FC63	65.000	S26	0.5	0.439	0.081	0.0027
360 minute winter	FC64	66.000	J54	0.6	0.327	0.096	0.0039

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC65	200	185.477	0.327	0.6	0.4357	0.0000	SURCHARGED
360 minute winter	FC66	200	185.335	0.335	0.6	0.4453	0.0000	SURCHARGED
360 minute winter	FC67	224	184.924	0.124	0.5	1.2772	0.0000	SURCHARGED
360 minute winter	FC68	200	184.792	0.242	0.5	0.3120	0.0000	SURCHARGED
360 minute winter	J1	192	188.234	0.034	2.0	0.0458	0.0000	OK
360 minute winter	J2	192	188.158	0.052	2.5	0.0591	0.0000	OK
360 minute winter	J3	192	188.097	0.051	3.3	0.0581	0.0000	OK
360 minute winter	J4	192	188.072	0.037	3.8	0.0418	0.0000	OK
360 minute winter	J5	192	187.944	0.034	4.3	0.0385	0.0000	OK
360 minute winter	J6	192	187.701	0.051	4.8	0.0580	0.0000	OK
360 minute winter	J7	192	187.665	0.065	5.2	0.0732	0.0000	OK
360 minute winter	J8	192	187.640	0.047	5.8	0.0531	0.0000	OK
360 minute winter	J9	192	187.340	0.065	6.3	0.0740	0.0000	OK
360 minute winter	J10	192	187.308	0.038	7.0	0.0433	0.0000	OK
360 minute winter	J11	200	187.177	0.056	7.5	0.0633	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC65	67.000	J55	0.6	0.355	0.030	0.0037
360 minute winter	FC66	68.000	S24	0.6	0.525	0.079	0.0023
360 minute winter	FC67	69.000	J56	0.3	0.393	0.056	0.0018
360 minute winter	FC68	70.000	J57	0.5	0.587	0.053	0.0019
360 minute winter	J1	1.001	J2	2.0	0.606	0.235	0.0163
360 minute winter	J2	1.002	J3	2.5	0.661	0.423	0.0039
360 minute winter	J3	1.003	J4	3.3	0.761	0.247	0.0085
360 minute winter	J4	1.004	J5	3.8	1.182	0.112	0.0112
360 minute winter	J5	1.005	J6	4.3	1.045	0.113	0.0236
360 minute winter	J6	1.006	J7	4.8	0.760	0.168	0.0124
360 minute winter	J7	1.007	J8	5.2	0.878	0.376	0.0068
360 minute winter	J8	1.008	J9	5.8	1.277	0.192	0.0384
360 minute winter	J9	1.009	J10	6.3	0.907	0.188	0.0084
360 minute winter	J10	1.010	J11	7.0	1.165	0.054	0.0149
360 minute winter	J11	1.011	S2	7.5	0.667	0.117	0.0616

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J12	192	186.870	0.061	9.9	0.0691	0.0000	OK
360 minute winter	J13	192	186.812	0.110	10.2	0.1243	0.0000	OK
360 minute winter	J14	192	186.799	0.104	10.7	0.1180	0.0000	OK
360 minute winter	J15	192	186.782	0.094	11.2	0.1060	0.0000	OK
360 minute winter	J16	192	186.747	0.077	11.6	0.0870	0.0000	OK
360 minute winter	J17	200	186.410	0.052	12.1	0.0586	0.0000	OK
360 minute winter	J18	200	186.259	0.065	14.0	0.0734	0.0000	OK
360 minute winter	J19	384	186.257	0.230	14.6	0.2596	0.0000	OK
360 minute winter	J20	384	186.254	0.323	0.8	0.3654	0.0000	SURCHARGED
360 minute winter	J21	384	186.254	0.359	1.4	0.4059	0.0000	SURCHARGED
360 minute winter	J22	384	186.253	0.435	1.9	0.4923	0.0000	SURCHARGED
360 minute winter	J23	384	186.253	0.470	2.3	0.5319	0.0000	SURCHARGED
360 minute winter	J24	384	186.254	0.604	3.9	0.6832	0.0000	SURCHARGED
360 minute winter	J25	360	186.259	0.644	4.4	0.7279	0.0000	SURCHARGED
360 minute winter	J26	384	186.255	0.668	4.9	0.7551	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J12	1.013	J13	9.9	0.718	0.148	0.0904
360 minute winter	J13	1.014	J14	10.2	0.550	0.326	0.0353
360 minute winter	J14	1.015	J15	10.7	0.637	0.343	0.0322
360 minute winter	J15	1.016	J16	11.2	0.810	0.365	0.0707
360 minute winter	J16	1.017	J17	11.6	1.069	0.193	0.0366
360 minute winter	J17	1.018	S3	12.1	1.050	0.083	0.0221
360 minute winter	J18	1.020	J19	14.0	1.765	0.108	0.0273
360 minute winter	J19	1.021	S4	14.6	0.717	0.265	0.2586
360 minute winter	J20	23.002	J21	0.8	0.420	0.137	0.0295
360 minute winter	J21	23.003	J22	1.4	0.506	0.231	0.0627
360 minute winter	J22	23.004	J23	1.9	0.606	0.324	0.0281
360 minute winter	J23	23.005	S18	2.3	0.678	0.381	0.0587
360 minute winter	J24	23.007	J25	3.8	0.544	0.289	0.1088
360 minute winter	J25	23.008	J26	4.4	0.561	0.328	0.0874
360 minute winter	J26	23.009	S19	4.9	0.653	0.365	0.0652

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J27	384	186.265	0.804	6.3	0.9098	0.0000	SURCHARGED
360 minute winter	J28	184	186.398	0.042	2.0	0.0473	0.0000	OK
360 minute winter	J29	184	186.320	0.048	2.5	0.0548	0.0000	OK
360 minute winter	J30	192	186.205	0.058	3.6	0.0660	0.0000	OK
360 minute winter	J31	192	186.179	0.060	4.1	0.0681	0.0000	OK
360 minute winter	J32	192	186.127	0.063	4.7	0.0715	0.0000	OK
360 minute winter	J33	192	185.653	0.043	6.4	0.0489	0.0000	OK
360 minute winter	J34	192	185.198	0.073	8.1	0.0820	0.0000	OK
360 minute winter	J35	192	185.122	0.047	8.6	0.0535	0.0000	OK
360 minute winter	J36	192	184.956	0.081	9.2	0.0911	0.0000	OK
360 minute winter	J37	192	184.661	0.086	10.7	0.0967	0.0000	OK
360 minute winter	J38	192	184.480	0.105	11.7	0.1189	0.0000	OK
360 minute winter	J39	192	184.442	0.104	12.2	0.1178	0.0000	OK
360 minute winter	J40	192	184.415	0.090	12.7	0.1013	0.0000	OK
360 minute winter	J41	200	184.627	0.029	1.1	0.0333	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J27	23.011	S4	6.0	0.599	0.201	0.0951
360 minute winter	J28	32.001	J29	2.0	0.596	0.345	0.0303
360 minute winter	J29	32.002	S12	2.5	0.693	0.419	0.0167
360 minute winter	J30	32.004	J31	3.6	0.551	0.269	0.0322
360 minute winter	J31	32.005	J32	4.1	0.603	0.310	0.0665
360 minute winter	J32	32.006	S13	4.7	0.836	0.356	0.0302
360 minute winter	J33	32.008	S14	6.4	0.973	0.181	0.0610
360 minute winter	J34	32.010	J35	8.1	0.963	0.211	0.0771
360 minute winter	J35	32.011	J36	8.6	0.930	0.097	0.0646
360 minute winter	J36	32.012	S15	9.5	1.000	0.317	0.0229
360 minute winter	J37	32.014	S16	10.6	1.102	0.349	0.0509
360 minute winter	J38	32.016	J39	11.7	0.646	0.387	0.1955
360 minute winter	J39	32.017	J40	12.2	0.748	0.397	0.0597
360 minute winter	J40	32.018	S10	12.7	0.908	0.295	0.1341
360 minute winter	J41	48.002	J42	1.1	0.477	0.181	0.0140

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J42	200	184.573	0.036	1.6	0.0412	0.0000	OK
360 minute winter	J43	200	184.416	0.056	3.0	0.0633	0.0000	OK
360 minute winter	J44	208	184.404	0.054	3.5	0.0606	0.0000	OK
360 minute winter	J45	200	184.374	0.074	4.1	0.0834	0.0000	OK
360 minute winter	J46	200	184.351	0.079	5.6	0.0890	0.0000	OK
360 minute winter	J47	200	184.328	0.080	6.1	0.0902	0.0000	OK
360 minute winter	J48	200	184.246	0.092	7.6	0.1043	0.0000	OK
360 minute winter	J49	200	184.235	0.106	8.2	0.1194	0.0000	OK
360 minute winter	J50	376	184.229	0.104	8.8	0.1179	0.0000	OK
360 minute winter	J51	368	184.231	0.123	9.2	0.1387	0.0000	OK
360 minute winter	J52	400	184.228	0.124	10.0	0.1402	0.0000	OK
360 minute winter	J53	368	184.229	0.142	10.5	0.1609	0.0000	OK
360 minute winter	J54	184	185.013	0.034	1.3	0.0384	0.0000	OK
360 minute winter	J55	200	184.984	0.040	1.8	0.0447	0.0000	OK
360 minute winter	J56	376	184.229	0.262	15.1	0.2960	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J42	48.003	S21	1.6	0.527	0.278	0.0254
360 minute winter	J43	48.005	J44	3.0	0.510	0.212	0.0093
360 minute winter	J44	48.006	J45	3.5	0.499	0.265	0.0625
360 minute winter	J45	48.007	S22	4.1	0.459	0.302	0.0215
360 minute winter	J46	48.009	J47	5.6	0.597	0.422	0.0398
360 minute winter	J47	48.010	S23	6.1	0.690	0.458	0.0234
360 minute winter	J48	48.012	J49	7.6	0.455	0.255	0.1251
360 minute winter	J49	48.013	J50	8.2	0.459	0.267	0.0203
360 minute winter	J50	48.014	J51	8.8	0.487	0.293	0.1009
360 minute winter	J51	48.015	J52	9.2	0.518	0.301	0.0252
360 minute winter	J52	48.016	J53	10.0	0.605	0.328	0.1196
360 minute winter	J53	48.017	S24	10.5	0.713	0.348	0.3065
360 minute winter	J54	65.002	J55	1.3	0.490	0.215	0.0095
360 minute winter	J55	65.003	S24	1.8	0.646	0.307	0.0220
360 minute winter	J56	48.019	J57	15.1	0.576	0.278	0.6098

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Results for 30 year +35% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J57	376	184.228	0.283	15.5	0.3204	0.0000	OK
360 minute winter	BASIN 1	360	186.246	1.246	20.7	172.7592	0.0000	SURCHARGED
360 minute winter	BASIN 2	600	184.686	0.386	1.6	37.1771	0.0000	OK
360 minute winter	BASIN 3	392	183.278	0.178	14.2	125.0737	0.0000	OK
360 minute winter	BASIN 4	384	184.228	0.898	15.5	132.9106	0.0000	SURCHARGED
360 minute winter	SWALE 1	368	184.967	0.035	1.6	0.0398	0.0000	OK
360 minute winter	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
360 minute winter	SWALE 3	192	184.164	0.093	14.2	0.1057	0.0000	OK
360 minute winter	BH1	600	184.686	0.609	0.7	2.5679	0.0000	OK
360 minute winter	BH2	392	183.278	0.226	1.8	2.7295	0.0000	OK
360 minute winter	BH3	384	184.228	0.922	1.9	5.9068	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J57	48.020	S25	15.5	0.627	0.288	0.5516
360 minute winter	BASIN 1	1.023	S5	1.7	0.163	0.031	0.6013
360 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
360 minute winter	BASIN 2	71.000	BH1	0.7	0.425	0.121	0.1829
360 minute winter	BASIN 3	1.034	BH2	1.8	0.275	0.022	1.6341
360 minute winter	BASIN 4	48.022	BH3	1.9	0.494	0.036	0.7181
360 minute winter	SWALE 1	1.025	S6	1.6	0.337	0.029	0.1752
360 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
360 minute winter	SWALE 3	1.033	BASIN 3	14.2	0.779	0.205	0.7885
360 minute winter	BH1	Infiltration		0.1			
360 minute winter	BH2	Infiltration		0.2			
360 minute winter	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S1	248	188.391	0.020	0.8	0.0277	0.0000	OK
480 minute summer	S2	248	187.132	0.093	9.5	0.1363	0.0000	OK
480 minute summer	S3	256	186.311	0.098	13.6	0.1280	0.0000	OK
480 minute summer	S4	488	186.216	0.838	21.3	0.9955	0.0000	SURCHARGED
480 minute summer	S5	488	186.218	1.238	1.6	1.3997	0.0000	SURCHARGED
480 minute summer	S6	488	184.879	0.035	1.5	0.0401	0.0000	OK
480 minute summer	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
480 minute summer	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
480 minute summer	S9	248	184.250	0.050	0.0	0.0564	0.0000	OK
480 minute summer	S10	248	184.250	0.066	14.8	0.1006	0.0000	OK
480 minute summer	S11	248	186.439	0.039	1.7	0.0640	0.0000	OK
480 minute summer	S12	248	186.230	0.054	3.2	0.0614	0.0000	OK
480 minute summer	S13	248	186.080	0.046	6.1	0.0651	0.0000	OK
480 minute summer	S14	248	185.331	0.081	8.4	0.1273	0.0000	OK
480 minute summer	S15	248	184.918	0.051	11.1	0.0718	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	S1	1.000	J1	0.8	0.446	0.092	0.0152
480 minute summer	S2	1.012	J12	9.5	0.680	0.318	0.0209
480 minute summer	S3	1.019	J18	13.6	1.043	0.445	0.0673
480 minute summer	S4	1.022	BASIN 1	21.0	1.316	0.125	1.1778
480 minute summer	S5	1.024	SWALE 1	1.5	0.336	0.029	0.0934
480 minute summer	S6	1.026	BASIN 2	1.5	0.384	0.028	0.0232
480 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
480 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0461
480 minute summer	S9	1.031	S10	0.0	-0.027	-0.001	0.0639
480 minute summer	S10	1.032	SWALE 3	14.8	0.974	0.082	0.0669
480 minute summer	S11	32.000	J28	1.7	0.563	0.286	0.0138
480 minute summer	S12	32.003	J30	3.2	0.513	0.236	0.0312
480 minute summer	S13	32.007	J33	6.1	1.368	0.189	0.0579
480 minute summer	S14	32.009	J34	8.4	0.917	0.483	0.0478
480 minute summer	S15	32.013	J37	10.6	1.020	0.115	0.0986

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S16	248	184.605	0.048	11.7	0.0601	0.0000	OK
480 minute summer	S17	488	186.219	0.219	0.3	0.2472	0.0000	SURCHARGED
480 minute summer	S18	496	186.218	0.557	3.5	0.7872	0.0000	SURCHARGED
480 minute summer	S19	480	186.217	0.726	6.3	0.9940	0.0000	SURCHARGED
480 minute summer	S20	256	184.672	0.030	1.1	0.0365	0.0000	OK
480 minute summer	S21	256	184.507	0.048	2.4	0.0565	0.0000	OK
480 minute summer	S22	256	184.367	0.081	5.3	0.0984	0.0000	OK
480 minute summer	S23	256	184.255	0.097	7.2	0.1146	0.0000	OK
480 minute summer	S24	512	184.220	0.243	15.0	0.3525	0.0000	OK
480 minute summer	S25	496	184.220	0.294	15.7	0.3322	0.0000	OK
480 minute summer	S26	248	185.397	0.020	0.7	0.0244	0.0000	OK
480 minute summer	FC1	256	188.608	0.358	0.7	0.4766	0.0000	SURCHARGED
480 minute summer	FC2	256	188.508	0.358	0.7	0.4771	0.0000	SURCHARGED
480 minute summer	FC3	264	188.829	0.629	1.1	1.1444	0.0000	SURCHARGED
480 minute summer	FC4	256	188.429	0.229	0.5	0.2958	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	S16	32.015	J38	11.7	0.959	0.079	0.0288
480 minute summer	S17	23.001	J20	0.3	0.287	0.053	0.0560
480 minute summer	S18	23.006	J24	3.5	0.512	0.255	0.0323
480 minute summer	S19	23.010	J27	5.9	0.497	0.198	0.3541
480 minute summer	S20	48.001	J41	1.1	0.549	0.178	0.0090
480 minute summer	S21	48.004	J43	2.4	0.690	0.412	0.0180
480 minute summer	S22	48.008	J46	5.3	0.553	0.394	0.0233
480 minute summer	S23	48.011	J48	7.2	0.450	0.233	0.0179
480 minute summer	S24	48.018	J56	15.0	0.549	0.280	0.2640
480 minute summer	S25	48.021	BASIN 4	15.7	0.734	0.285	0.2243
480 minute summer	S26	65.001	J54	0.7	0.672	0.085	0.0095
480 minute summer	FC1	2.000	J1	0.6	0.366	0.095	0.0088
480 minute summer	FC2	3.000	J2	0.6	0.236	0.099	0.0126
480 minute summer	FC3	4.000	J3	0.8	0.546	0.123	0.0135
480 minute summer	FC4	5.000	J4	0.5	0.529	0.061	0.0065

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC5	256	188.359	0.359	0.7	0.4780	0.0000	SURCHARGED
480 minute summer	FC6	256	188.078	0.228	0.5	0.2945	0.0000	SURCHARGED
480 minute summer	FC7	256	187.980	0.230	0.5	0.2964	0.0000	SURCHARGED
480 minute summer	FC8	256	188.105	0.355	0.7	0.4724	0.0000	SURCHARGED
480 minute summer	FC9	256	187.701	0.231	0.5	0.2983	0.0000	SURCHARGED
480 minute summer	FC10	256	188.064	0.594	1.0	0.8385	0.0000	SURCHARGED
480 minute summer	FC11	256	187.604	0.283	0.6	0.3716	0.0000	SURCHARGED
480 minute summer	FC12	256	187.514	0.283	0.6	0.3716	0.0000	SURCHARGED
480 minute summer	FC13	256	187.359	0.359	0.7	0.4777	0.0000	SURCHARGED
480 minute summer	FC14	288	187.032	0.132	0.7	1.6834	0.0000	SURCHARGED
480 minute summer	FC15	256	187.425	0.224	0.5	0.2898	0.0000	SURCHARGED
480 minute summer	FC16	256	187.130	0.230	0.5	0.2974	0.0000	SURCHARGED
480 minute summer	FC17	256	187.226	0.226	0.5	0.2916	0.0000	SURCHARGED
480 minute summer	FC18	256	186.781	0.231	0.5	0.2984	0.0000	SURCHARGED
480 minute summer	FC19	256	186.759	0.359	0.7	0.4777	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC5	6.000	J5	0.6	0.471	0.099	0.0052
480 minute summer	FC6	7.000	J6	0.5	0.582	0.054	0.0059
480 minute summer	FC7	8.000	J7	0.5	0.505	0.065	0.0067
480 minute summer	FC8	9.000	J8	0.6	0.667	0.060	0.0037
480 minute summer	FC9	10.000	J9	0.5	0.446	0.078	0.0075
480 minute summer	FC10	11.000	J10	0.8	0.553	0.115	0.0086
480 minute summer	FC11	12.000	J11	0.5	0.459	0.088	0.0088
480 minute summer	FC12	13.000	S2	0.5	0.458	0.088	0.0078
480 minute summer	FC13	14.000	J12	0.6	0.476	0.099	0.0084
480 minute summer	FC14	15.000	J13	0.3	0.408	0.058	0.0064
480 minute summer	FC15	16.000	J14	0.5	0.942	0.027	0.0023
480 minute summer	FC16	17.000	J15	0.5	0.473	0.072	0.0075
480 minute summer	FC17	18.000	J16	0.5	0.750	0.037	0.0030
480 minute summer	FC18	19.000	J17	0.5	0.444	0.079	0.0073
480 minute summer	FC19	20.000	S3	0.6	0.474	0.100	0.0082

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC20	256	187.302	0.352	0.7	0.4682	0.0000	SURCHARGED
480 minute summer	FC21	256	186.659	0.359	0.7	0.4777	0.0000	SURCHARGED
480 minute summer	FC22	272	186.558	0.108	0.5	1.0474	0.0000	SURCHARGED
480 minute summer	FC23	256	186.531	0.231	0.5	0.2979	0.0000	SURCHARGED
480 minute summer	FC24	256	186.657	0.357	0.7	0.4752	0.0000	SURCHARGED
480 minute summer	FC25	256	186.902	0.352	0.7	0.4683	0.0000	SURCHARGED
480 minute summer	FC26	272	186.556	0.106	0.5	1.0687	0.0000	SURCHARGED
480 minute summer	FC27	256	186.724	0.224	0.5	0.2896	0.0000	SURCHARGED
480 minute summer	FC28	256	186.852	0.352	0.7	0.4683	0.0000	SURCHARGED
480 minute summer	FC29	256	186.944	0.443	0.8	0.5991	0.0000	SURCHARGED
480 minute summer	FC30	256	187.102	0.352	0.7	0.4689	0.0000	SURCHARGED
480 minute summer	FC31	256	186.678	0.228	0.5	0.2938	0.0000	SURCHARGED
480 minute summer	FC32	256	186.676	0.226	0.5	0.2913	0.0000	SURCHARGED
480 minute summer	FC33	256	186.802	0.352	0.7	0.4691	0.0000	SURCHARGED
480 minute summer	FC34	256	186.809	0.359	0.7	0.4773	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC20	21.000	J18	0.6	0.954	0.037	0.0027
480 minute summer	FC21	22.000	J19	0.6	0.475	0.099	0.0095
480 minute summer	FC22	23.000	S17	0.3	0.567	0.017	0.0194
480 minute summer	FC23	24.000	J20	0.5	0.461	0.074	0.0046
480 minute summer	FC24	25.000	J21	0.6	0.554	0.079	0.0049
480 minute summer	FC25	26.000	J22	0.6	0.946	0.037	0.0029
480 minute summer	FC26	27.000	J23	0.3	0.693	0.023	0.0021
480 minute summer	FC27	28.000	J24	0.5	0.973	0.026	0.0180
480 minute summer	FC28	29.000	J25	0.6	0.951	0.037	0.0029
480 minute summer	FC29	30.000	J26	0.7	0.958	0.043	0.0033
480 minute summer	FC30	31.000	J27	0.6	0.888	0.040	0.0029
480 minute summer	FC31	33.000	J28	0.5	0.275	0.052	0.0084
480 minute summer	FC32	34.000	J29	0.5	0.242	0.037	0.0093
480 minute summer	FC33	35.000	S12	0.6	0.873	0.041	0.0028
480 minute summer	FC34	36.000	J30	0.6	0.487	0.095	0.0057

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC35	256	186.802	0.352	0.7	0.4690	0.0000	SURCHARGED
480 minute summer	FC36	256	186.893	0.443	0.8	0.5988	0.0000	SURCHARGED
480 minute summer	FC37	264	186.349	0.549	0.9	0.7639	0.0000	SURCHARGED
480 minute summer	FC38	288	185.547	0.097	0.5	1.1681	0.0000	OK
480 minute summer	FC39	256	185.675	0.225	0.5	0.2907	0.0000	SURCHARGED
480 minute summer	FC40	256	185.851	0.351	0.7	0.4672	0.0000	SURCHARGED
480 minute summer	FC41	256	185.204	0.354	0.7	0.4716	0.0000	SURCHARGED
480 minute summer	FC42	256	184.956	0.356	0.7	0.4735	0.0000	SURCHARGED
480 minute summer	FC43	256	184.954	0.354	0.7	0.4713	0.0000	SURCHARGED
480 minute summer	FC44	240	184.615	0.015	0.5	0.0191	0.0000	OK
480 minute summer	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
480 minute summer	FC46	256	185.295	0.595	1.0	0.8395	0.0000	SURCHARGED
480 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute summer	FC48	256	185.152	0.352	0.7	0.4688	0.0000	SURCHARGED
480 minute summer	FC49	256	185.159	0.359	0.7	0.4780	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC35	37.000	J31	0.6	0.879	0.041	0.0034
480 minute summer	FC36	38.000	J32	0.7	0.976	0.042	0.0034
480 minute summer	FC37	39.000	J33	0.7	0.673	0.083	0.0072
480 minute summer	FC38	40.000	J34	0.3	0.656	0.024	0.0021
480 minute summer	FC39	41.000	J35	0.5	0.827	0.032	0.0025
480 minute summer	FC40	42.000	J36	0.6	1.082	0.031	0.0028
480 minute summer	FC41	43.000	J37	0.6	0.707	0.056	0.0042
480 minute summer	FC42	44.000	J38	0.6	0.616	0.068	0.0047
480 minute summer	FC43	45.000	J39	0.6	0.721	0.054	0.0035
480 minute summer	FC44	46.000	J40	0.5	0.708	0.044	0.0031
480 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
480 minute summer	FC46	48.000	S20	0.8	0.453	0.129	0.0104
480 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0050
480 minute summer	FC48	50.000	J42	0.6	0.390	0.042	0.0081
480 minute summer	FC49	51.000	S21	0.6	0.471	0.099	0.0054

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC50	256	185.159	0.359	0.7	0.4779	0.0000	SURCHARGED
480 minute summer	FC51	256	185.209	0.359	0.7	0.4777	0.0000	SURCHARGED
480 minute summer	FC52	256	185.699	0.449	0.8	0.6153	0.0000	SURCHARGED
480 minute summer	FC53	256	185.605	0.355	0.7	0.4728	0.0000	SURCHARGED
480 minute summer	FC54	256	185.477	0.227	0.5	0.2928	0.0000	SURCHARGED
480 minute summer	FC55	256	185.475	0.225	0.5	0.2905	0.0000	SURCHARGED
480 minute summer	FC56	256	185.702	0.352	0.7	0.4684	0.0000	SURCHARGED
480 minute summer	FC57	256	185.702	0.352	0.7	0.4690	0.0000	SURCHARGED
480 minute summer	FC58	256	185.576	0.225	0.5	0.2911	0.0000	SURCHARGED
480 minute summer	FC59	256	185.576	0.226	0.5	0.2918	0.0000	SURCHARGED
480 minute summer	FC60	256	185.703	0.353	0.7	0.4704	0.0000	SURCHARGED
480 minute summer	FC61	256	185.656	0.356	0.7	0.4733	0.0000	SURCHARGED
480 minute summer	FC62	264	185.873	0.623	1.0	0.9687	0.0000	SURCHARGED
480 minute summer	FC63	256	185.632	0.232	0.5	0.2991	0.0000	SURCHARGED
480 minute summer	FC64	256	185.359	0.359	0.7	0.4774	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC50	52.000	J43	0.6	0.472	0.099	0.0058
480 minute summer	FC51	55.000	S22	0.6	0.474	0.099	0.0076
480 minute summer	FC52	58.000	S23	0.7	0.713	0.066	0.0051
480 minute summer	FC53	61.000	J50	0.6	0.647	0.063	0.0039
480 minute summer	FC54	62.000	J51	0.5	0.671	0.043	0.0028
480 minute summer	FC55	64.000	J53	0.5	0.846	0.031	0.0023
480 minute summer	FC56	53.000	J44	0.6	0.935	0.038	0.0041
480 minute summer	FC57	54.000	J45	0.6	0.877	0.041	0.0043
480 minute summer	FC58	56.000	J46	0.5	0.788	0.035	0.0037
480 minute summer	FC59	57.000	J47	0.5	0.730	0.039	0.0041
480 minute summer	FC60	59.000	J48	0.6	0.774	0.050	0.0050
480 minute summer	FC61	60.000	J49	0.6	0.620	0.068	0.0070
480 minute summer	FC62	63.000	J52	0.8	0.621	0.102	0.0118
480 minute summer	FC63	65.000	S26	0.5	0.432	0.079	0.0026
480 minute summer	FC64	66.000	J54	0.6	0.331	0.099	0.0039

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC65	256	185.501	0.351	0.7	0.4672	0.0000	SURCHARGED
480 minute summer	FC66	256	185.358	0.358	0.7	0.4762	0.0000	SURCHARGED
480 minute summer	FC67	272	184.907	0.107	0.5	1.0997	0.0000	SURCHARGED
480 minute summer	FC68	256	184.778	0.228	0.5	0.2947	0.0000	SURCHARGED
480 minute summer	J1	248	188.236	0.036	2.2	0.0487	0.0000	OK
480 minute summer	J2	248	188.161	0.055	2.7	0.0621	0.0000	OK
480 minute summer	J3	248	188.099	0.053	3.5	0.0599	0.0000	OK
480 minute summer	J4	248	188.073	0.038	3.9	0.0429	0.0000	OK
480 minute summer	J5	248	187.945	0.035	4.5	0.0394	0.0000	OK
480 minute summer	J6	248	187.702	0.052	4.9	0.0593	0.0000	OK
480 minute summer	J7	248	187.666	0.066	5.4	0.0743	0.0000	OK
480 minute summer	J8	256	187.641	0.048	6.0	0.0539	0.0000	OK
480 minute summer	J9	256	187.341	0.066	6.4	0.0750	0.0000	OK
480 minute summer	J10	256	187.309	0.039	7.2	0.0439	0.0000	OK
480 minute summer	J11	256	187.178	0.057	7.7	0.0644	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC65	67.000	J55	0.6	0.361	0.031	0.0038
480 minute summer	FC66	68.000	S24	0.6	0.530	0.082	0.0024
480 minute summer	FC67	69.000	J56	0.3	0.384	0.052	0.0017
480 minute summer	FC68	70.000	J57	0.5	0.582	0.052	0.0018
480 minute summer	J1	1.001	J2	2.2	0.625	0.260	0.0174
480 minute summer	J2	1.002	J3	2.7	0.674	0.459	0.0042
480 minute summer	J3	1.003	J4	3.5	0.777	0.263	0.0088
480 minute summer	J4	1.004	J5	3.9	1.198	0.117	0.0116
480 minute summer	J5	1.005	J6	4.5	1.060	0.118	0.0243
480 minute summer	J6	1.006	J7	4.9	0.768	0.174	0.0127
480 minute summer	J7	1.007	J8	5.4	0.885	0.387	0.0069
480 minute summer	J8	1.008	J9	6.0	1.287	0.197	0.0392
480 minute summer	J9	1.009	J10	6.4	0.914	0.193	0.0086
480 minute summer	J10	1.010	J11	7.2	1.172	0.056	0.0152
480 minute summer	J11	1.011	S2	7.7	0.671	0.120	0.0623

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J12	248	186.871	0.062	10.1	0.0698	0.0000	OK
480 minute summer	J13	256	186.813	0.111	10.4	0.1251	0.0000	OK
480 minute summer	J14	256	186.800	0.105	10.8	0.1187	0.0000	OK
480 minute summer	J15	256	186.782	0.094	11.3	0.1066	0.0000	OK
480 minute summer	J16	256	186.747	0.077	11.8	0.0875	0.0000	OK
480 minute summer	J17	256	186.410	0.052	12.2	0.0590	0.0000	OK
480 minute summer	J18	256	186.259	0.065	14.2	0.0739	0.0000	OK
480 minute summer	J19	488	186.218	0.191	14.8	0.2161	0.0000	OK
480 minute summer	J20	488	186.218	0.287	0.8	0.3242	0.0000	SURCHARGED
480 minute summer	J21	488	186.218	0.323	1.3	0.3658	0.0000	SURCHARGED
480 minute summer	J22	488	186.219	0.401	1.9	0.4537	0.0000	SURCHARGED
480 minute summer	J23	488	186.217	0.434	2.2	0.4913	0.0000	SURCHARGED
480 minute summer	J24	496	186.218	0.568	4.0	0.6424	0.0000	SURCHARGED
480 minute summer	J25	488	186.221	0.606	4.5	0.6857	0.0000	SURCHARGED
480 minute summer	J26	488	186.219	0.632	5.1	0.7149	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J12	1.013	J13	10.1	0.721	0.150	0.0912
480 minute summer	J13	1.014	J14	10.4	0.552	0.330	0.0356
480 minute summer	J14	1.015	J15	10.8	0.639	0.347	0.0325
480 minute summer	J15	1.016	J16	11.3	0.813	0.369	0.0713
480 minute summer	J16	1.017	J17	11.8	1.072	0.195	0.0369
480 minute summer	J17	1.018	S3	12.2	1.051	0.084	0.0223
480 minute summer	J18	1.020	J19	14.2	1.770	0.109	0.0171
480 minute summer	J19	1.021	S4	14.8	0.720	0.268	0.2136
480 minute summer	J20	23.002	J21	0.8	0.412	0.131	0.0295
480 minute summer	J21	23.003	J22	1.4	0.502	0.228	0.0627
480 minute summer	J22	23.004	J23	1.9	0.608	0.324	0.0281
480 minute summer	J23	23.005	S18	2.2	0.681	0.379	0.0587
480 minute summer	J24	23.007	J25	3.9	0.543	0.296	0.1088
480 minute summer	J25	23.008	J26	4.4	0.561	0.334	0.0874
480 minute summer	J26	23.009	S19	4.9	0.654	0.365	0.0652

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J27	496	186.219	0.758	6.5	0.8574	0.0000	SURCHARGED
480 minute summer	J28	248	186.399	0.043	2.1	0.0487	0.0000	OK
480 minute summer	J29	248	186.321	0.050	2.6	0.0562	0.0000	OK
480 minute summer	J30	248	186.207	0.060	3.7	0.0676	0.0000	OK
480 minute summer	J31	248	186.181	0.062	4.3	0.0696	0.0000	OK
480 minute summer	J32	248	186.128	0.064	4.9	0.0728	0.0000	OK
480 minute summer	J33	248	185.654	0.044	6.8	0.0502	0.0000	OK
480 minute summer	J34	248	185.200	0.075	8.6	0.0845	0.0000	OK
480 minute summer	J35	248	185.124	0.049	9.1	0.0551	0.0000	OK
480 minute summer	J36	248	184.958	0.083	9.6	0.0934	0.0000	OK
480 minute summer	J37	248	184.663	0.088	11.2	0.0992	0.0000	OK
480 minute summer	J38	248	184.483	0.108	12.2	0.1222	0.0000	OK
480 minute summer	J39	248	184.445	0.107	12.8	0.1207	0.0000	OK
480 minute summer	J40	248	184.417	0.092	13.3	0.1037	0.0000	OK
480 minute summer	J41	264	184.626	0.029	1.1	0.0331	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J27	23.011	S4	6.2	0.573	0.208	0.0951
480 minute summer	J28	32.001	J29	2.1	0.605	0.362	0.0313
480 minute summer	J29	32.002	S12	2.6	0.700	0.437	0.0172
480 minute summer	J30	32.004	J31	3.7	0.556	0.280	0.0332
480 minute summer	J31	32.005	J32	4.3	0.609	0.321	0.0683
480 minute summer	J32	32.006	S13	4.9	0.845	0.369	0.0312
480 minute summer	J33	32.008	S14	6.8	0.976	0.191	0.0639
480 minute summer	J34	32.010	J35	8.6	0.978	0.224	0.0803
480 minute summer	J35	32.011	J36	9.1	0.943	0.102	0.0670
480 minute summer	J36	32.012	S15	10.1	1.019	0.336	0.0237
480 minute summer	J37	32.014	S16	11.2	1.115	0.367	0.0529
480 minute summer	J38	32.016	J39	12.2	0.654	0.405	0.2022
480 minute summer	J39	32.017	J40	12.8	0.757	0.414	0.0616
480 minute summer	J40	32.018	S10	13.2	0.917	0.307	0.1382
480 minute summer	J41	48.002	J42	1.1	0.475	0.179	0.0139

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J42	256	184.574	0.036	1.6	0.0412	0.0000	OK
480 minute summer	J43	256	184.417	0.057	3.0	0.0641	0.0000	OK
480 minute summer	J44	256	184.404	0.054	3.6	0.0614	0.0000	OK
480 minute summer	J45	256	184.375	0.075	4.2	0.0848	0.0000	OK
480 minute summer	J46	256	184.352	0.080	5.8	0.0901	0.0000	OK
480 minute summer	J47	256	184.329	0.081	6.2	0.0912	0.0000	OK
480 minute summer	J48	256	184.247	0.093	7.8	0.1056	0.0000	OK
480 minute summer	J49	256	184.236	0.107	8.3	0.1207	0.0000	OK
480 minute summer	J50	256	184.228	0.103	8.9	0.1163	0.0000	OK
480 minute summer	J51	504	184.221	0.113	9.4	0.1275	0.0000	OK
480 minute summer	J52	504	184.220	0.116	10.2	0.1310	0.0000	OK
480 minute summer	J53	512	184.220	0.133	10.6	0.1499	0.0000	OK
480 minute summer	J54	248	185.013	0.034	1.3	0.0388	0.0000	OK
480 minute summer	J55	248	184.984	0.040	1.9	0.0455	0.0000	OK
480 minute summer	J56	512	184.220	0.253	15.3	0.2859	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J42	48.003	S21	1.6	0.527	0.279	0.0256
480 minute summer	J43	48.005	J44	3.0	0.511	0.217	0.0095
480 minute summer	J44	48.006	J45	3.6	0.499	0.271	0.0638
480 minute summer	J45	48.007	S22	4.2	0.462	0.310	0.0219
480 minute summer	J46	48.009	J47	5.8	0.601	0.431	0.0403
480 minute summer	J47	48.010	S23	6.2	0.693	0.466	0.0237
480 minute summer	J48	48.012	J49	7.8	0.456	0.260	0.1269
480 minute summer	J49	48.013	J50	8.3	0.461	0.272	0.0205
480 minute summer	J50	48.014	J51	8.9	0.490	0.299	0.0924
480 minute summer	J51	48.015	J52	9.4	0.521	0.306	0.0230
480 minute summer	J52	48.016	J53	10.2	0.608	0.333	0.1098
480 minute summer	J53	48.017	S24	10.6	0.715	0.352	0.2875
480 minute summer	J54	65.002	J55	1.3	0.491	0.220	0.0097
480 minute summer	J55	65.003	S24	1.9	0.651	0.316	0.0225
480 minute summer	J56	48.019	J57	15.3	0.578	0.281	0.5950

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Results for 30 year +35% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J57	496	184.220	0.275	15.7	0.3108	0.0000	OK
480 minute summer	BASIN 1	488	186.218	1.218	21.0	167.9514	0.0000	SURCHARGED
480 minute summer	BASIN 2	720	184.744	0.444	1.5	43.5098	0.0000	OK
480 minute summer	BASIN 3	512	183.276	0.176	14.8	123.5275	0.0000	OK
480 minute summer	BASIN 4	504	184.220	0.890	15.7	131.4764	0.0000	SURCHARGED
480 minute summer	SWALE 1	488	184.967	0.035	1.5	0.0396	0.0000	OK
480 minute summer	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWALE 3	248	184.165	0.095	14.8	0.1079	0.0000	OK
480 minute summer	BH1	720	184.744	0.667	0.6	2.7369	0.0000	OK
480 minute summer	BH2	520	183.276	0.224	1.0	2.7181	0.0000	OK
480 minute summer	BH3	504	184.220	0.914	1.8	5.8682	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J57	48.020	S25	15.7	0.629	0.291	0.5448
480 minute summer	BASIN 1	1.023	S5	1.6	0.141	0.029	0.6013
480 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
480 minute summer	BASIN 2	71.000	BH1	0.6	0.417	0.098	0.1829
480 minute summer	BASIN 3	1.034	BH2	1.0	0.262	0.012	1.6118
480 minute summer	BASIN 4	48.022	BH3	1.8	0.448	0.033	0.7181
480 minute summer	SWALE 1	1.025	S6	1.5	0.336	0.029	0.1738
480 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
480 minute summer	SWALE 3	1.033	BASIN 3	14.8	0.787	0.213	0.8113
480 minute summer	BH1	Infiltration		0.1			
480 minute summer	BH2	Infiltration		0.2			
480 minute summer	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S1	248	188.388	0.018	0.6	0.0241	0.0000	OK
480 minute winter	S2	248	187.123	0.084	8.0	0.1238	0.0000	OK
480 minute winter	S3	480	186.323	0.111	11.4	0.1448	0.0000	OK
480 minute winter	S4	472	186.321	0.943	17.6	1.1205	0.0000	SURCHARGED
480 minute winter	S5	472	186.320	1.340	2.0	1.5159	0.0000	SURCHARGED
480 minute winter	S6	480	184.880	0.036	1.6	0.0408	0.0000	OK
480 minute winter	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
480 minute winter	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
480 minute winter	S9	248	184.242	0.042	0.0	0.0475	0.0000	OK
480 minute winter	S10	248	184.242	0.058	12.0	0.0885	0.0000	OK
480 minute winter	S11	248	186.434	0.034	1.3	0.0549	0.0000	OK
480 minute winter	S12	248	186.224	0.048	2.6	0.0543	0.0000	OK
480 minute winter	S13	248	186.075	0.041	4.9	0.0581	0.0000	OK
480 minute winter	S14	248	185.321	0.071	6.7	0.1112	0.0000	OK
480 minute winter	S15	248	184.913	0.046	8.9	0.0647	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	S1	1.000	J1	0.6	0.408	0.069	0.0123
480 minute winter	S2	1.012	J12	8.0	0.648	0.266	0.0184
480 minute winter	S3	1.019	J18	11.4	1.002	0.374	0.1093
480 minute winter	S4	1.022	BASIN 1	17.5	1.253	0.104	1.1778
480 minute winter	S5	1.024	SWALE 1	1.6	0.340	0.030	0.0962
480 minute winter	S6	1.026	BASIN 2	1.6	0.390	0.030	0.0239
480 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
480 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0359
480 minute winter	S9	1.031	S10	0.0	-0.031	0.000	0.0518
480 minute winter	S10	1.032	SWALE 3	12.0	0.931	0.067	0.0568
480 minute winter	S11	32.000	J28	1.3	0.523	0.219	0.0113
480 minute winter	S12	32.003	J30	2.5	0.490	0.191	0.0264
480 minute winter	S13	32.007	J33	4.9	1.288	0.152	0.0496
480 minute winter	S14	32.009	J34	6.7	0.869	0.387	0.0404
480 minute winter	S15	32.013	J37	8.6	0.956	0.093	0.0856

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S16	248	184.598	0.041	9.5	0.0524	0.0000	OK
480 minute winter	S17	480	186.321	0.321	0.3	0.3630	0.0000	SURCHARGED
480 minute winter	S18	480	186.322	0.661	3.0	0.9333	0.0000	SURCHARGED
480 minute winter	S19	472	186.321	0.830	5.0	1.1376	0.0000	SURCHARGED
480 minute winter	S20	248	184.670	0.028	0.9	0.0341	0.0000	OK
480 minute winter	S21	248	184.502	0.043	2.1	0.0514	0.0000	OK
480 minute winter	S22	264	184.357	0.071	4.4	0.0869	0.0000	OK
480 minute winter	S23	480	184.298	0.140	6.0	0.1657	0.0000	OK
480 minute winter	S24	488	184.295	0.317	12.5	0.4610	0.0000	SURCHARGED
480 minute winter	S25	480	184.292	0.366	13.2	0.4143	0.0000	SURCHARGED
480 minute winter	S26	272	185.395	0.018	0.6	0.0218	0.0000	OK
480 minute winter	FC1	264	188.501	0.251	0.5	0.3344	0.0000	SURCHARGED
480 minute winter	FC2	264	188.402	0.252	0.5	0.3349	0.0000	SURCHARGED
480 minute winter	FC3	272	188.770	0.570	0.8	0.8273	0.0000	SURCHARGED
480 minute winter	FC4	272	188.371	0.171	0.4	0.2201	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	S16	32.015	J38	9.5	0.930	0.065	0.0243
480 minute winter	S17	23.001	J20	0.3	0.281	0.053	0.0560
480 minute winter	S18	23.006	J24	2.9	0.492	0.213	0.0323
480 minute winter	S19	23.010	J27	5.0	0.483	0.168	0.3541
480 minute winter	S20	48.001	J41	0.9	0.530	0.157	0.0082
480 minute winter	S21	48.004	J43	2.1	0.663	0.350	0.0160
480 minute winter	S22	48.008	J46	4.4	0.534	0.326	0.0199
480 minute winter	S23	48.011	J48	6.0	0.443	0.194	0.0290
480 minute winter	S24	48.018	J56	12.5	0.526	0.234	0.2989
480 minute winter	S25	48.021	BASIN 4	13.2	0.699	0.239	0.2248
480 minute winter	S26	65.001	J54	0.6	0.630	0.068	0.0081
480 minute winter	FC1	2.000	J1	0.5	0.339	0.079	0.0073
480 minute winter	FC2	3.000	J2	0.5	0.222	0.082	0.0107
480 minute winter	FC3	4.000	J3	0.7	0.538	0.117	0.0130
480 minute winter	FC4	5.000	J4	0.4	0.506	0.052	0.0058

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC5	264	188.252	0.252	0.5	0.3357	0.0000	SURCHARGED
480 minute winter	FC6	272	188.020	0.170	0.4	0.2188	0.0000	SURCHARGED
480 minute winter	FC7	272	187.921	0.171	0.4	0.2208	0.0000	SURCHARGED
480 minute winter	FC8	264	187.998	0.248	0.5	0.3302	0.0000	SURCHARGED
480 minute winter	FC9	272	187.643	0.172	0.4	0.2227	0.0000	SURCHARGED
480 minute winter	FC10	264	187.921	0.451	0.7	0.6364	0.0000	SURCHARGED
480 minute winter	FC11	256	187.531	0.211	0.5	0.2761	0.0000	SURCHARGED
480 minute winter	FC12	256	187.441	0.211	0.5	0.2761	0.0000	SURCHARGED
480 minute winter	FC13	264	187.252	0.252	0.5	0.3354	0.0000	SURCHARGED
480 minute winter	FC14	304	187.030	0.130	0.5	1.6627	0.0000	SURCHARGED
480 minute winter	FC15	272	187.366	0.166	0.4	0.2141	0.0000	SURCHARGED
480 minute winter	FC16	272	187.072	0.172	0.4	0.2217	0.0000	SURCHARGED
480 minute winter	FC17	272	187.167	0.167	0.4	0.2159	0.0000	SURCHARGED
480 minute winter	FC18	272	186.723	0.173	0.4	0.2228	0.0000	SURCHARGED
480 minute winter	FC19	264	186.652	0.252	0.5	0.3355	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC5	6.000	J5	0.5	0.447	0.082	0.0045
480 minute winter	FC6	7.000	J6	0.4	0.556	0.046	0.0052
480 minute winter	FC7	8.000	J7	0.4	0.483	0.056	0.0060
480 minute winter	FC8	9.000	J8	0.5	0.633	0.050	0.0032
480 minute winter	FC9	10.000	J9	0.4	0.426	0.067	0.0067
480 minute winter	FC10	11.000	J10	0.7	0.532	0.100	0.0078
480 minute winter	FC11	12.000	J11	0.4	0.438	0.075	0.0078
480 minute winter	FC12	13.000	S2	0.4	0.438	0.075	0.0070
480 minute winter	FC13	14.000	J12	0.5	0.451	0.082	0.0074
480 minute winter	FC14	15.000	J13	0.3	0.407	0.057	0.0063
480 minute winter	FC15	16.000	J14	0.4	0.899	0.023	0.0021
480 minute winter	FC16	17.000	J15	0.4	0.452	0.061	0.0067
480 minute winter	FC17	18.000	J16	0.4	0.716	0.032	0.0027
480 minute winter	FC18	19.000	J17	0.4	0.424	0.067	0.0066
480 minute winter	FC19	20.000	S3	0.5	0.449	0.083	0.0072

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC20	264	187.195	0.245	0.5	0.3259	0.0000	SURCHARGED
480 minute winter	FC21	264	186.552	0.252	0.5	0.3354	0.0000	SURCHARGED
480 minute winter	FC22	280	186.556	0.106	0.4	1.0337	0.0000	SURCHARGED
480 minute winter	FC23	272	186.472	0.172	0.4	0.2222	0.0000	SURCHARGED
480 minute winter	FC24	264	186.550	0.250	0.5	0.3330	0.0000	SURCHARGED
480 minute winter	FC25	264	186.795	0.245	0.5	0.3259	0.0000	SURCHARGED
480 minute winter	FC26	280	186.555	0.105	0.4	1.0583	0.0000	SURCHARGED
480 minute winter	FC27	272	186.666	0.166	0.4	0.2141	0.0000	SURCHARGED
480 minute winter	FC28	264	186.745	0.245	0.5	0.3259	0.0000	SURCHARGED
480 minute winter	FC29	256	186.791	0.291	0.6	0.3929	0.0000	SURCHARGED
480 minute winter	FC30	264	186.995	0.245	0.5	0.3266	0.0000	SURCHARGED
480 minute winter	FC31	272	186.619	0.169	0.4	0.2182	0.0000	SURCHARGED
480 minute winter	FC32	272	186.617	0.167	0.4	0.2156	0.0000	SURCHARGED
480 minute winter	FC33	264	186.696	0.246	0.5	0.3268	0.0000	SURCHARGED
480 minute winter	FC34	264	186.702	0.252	0.5	0.3351	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC20	21.000	J18	0.5	0.902	0.030	0.0023
480 minute winter	FC21	22.000	J19	0.5	0.450	0.083	0.0343
480 minute winter	FC22	23.000	S17	0.3	0.566	0.017	0.0195
480 minute winter	FC23	24.000	J20	0.4	0.441	0.063	0.0163
480 minute winter	FC24	25.000	J21	0.5	0.525	0.065	0.0201
480 minute winter	FC25	26.000	J22	0.5	0.895	0.031	0.0179
480 minute winter	FC26	27.000	J23	0.3	0.692	0.023	0.0176
480 minute winter	FC27	28.000	J24	0.4	0.928	0.022	0.0180
480 minute winter	FC28	29.000	J25	0.5	0.900	0.030	0.0174
480 minute winter	FC29	30.000	J26	0.5	0.900	0.035	0.0189
480 minute winter	FC30	31.000	J27	0.5	0.841	0.034	0.0026
480 minute winter	FC31	33.000	J28	0.4	0.267	0.044	0.0071
480 minute winter	FC32	34.000	J29	0.4	0.236	0.031	0.0079
480 minute winter	FC33	35.000	S12	0.5	0.827	0.034	0.0024
480 minute winter	FC34	36.000	J30	0.5	0.462	0.079	0.0050

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC35	264	186.695	0.245	0.5	0.3267	0.0000	SURCHARGED
480 minute winter	FC36	256	186.741	0.291	0.6	0.3927	0.0000	SURCHARGED
480 minute winter	FC37	256	186.188	0.388	0.7	0.5396	0.0000	SURCHARGED
480 minute winter	FC38	304	185.548	0.098	0.4	1.1739	0.0000	OK
480 minute winter	FC39	272	185.617	0.166	0.4	0.2149	0.0000	SURCHARGED
480 minute winter	FC40	264	185.744	0.244	0.5	0.3248	0.0000	SURCHARGED
480 minute winter	FC41	264	185.097	0.247	0.5	0.3293	0.0000	SURCHARGED
480 minute winter	FC42	264	184.849	0.249	0.5	0.3313	0.0000	SURCHARGED
480 minute winter	FC43	264	184.847	0.247	0.5	0.3291	0.0000	SURCHARGED
480 minute winter	FC44	224	184.613	0.013	0.4	0.0171	0.0000	OK
480 minute winter	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
480 minute winter	FC46	264	185.152	0.452	0.7	0.6375	0.0000	SURCHARGED
480 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute winter	FC48	264	185.045	0.245	0.5	0.3266	0.0000	SURCHARGED
480 minute winter	FC49	264	185.052	0.252	0.5	0.3357	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC35	37.000	J31	0.5	0.832	0.034	0.0030
480 minute winter	FC36	38.000	J32	0.5	0.917	0.034	0.0029
480 minute winter	FC37	39.000	J33	0.6	0.639	0.069	0.0063
480 minute winter	FC38	40.000	J34	0.3	0.657	0.024	0.0021
480 minute winter	FC39	41.000	J35	0.4	0.790	0.027	0.0022
480 minute winter	FC40	42.000	J36	0.5	1.024	0.025	0.0024
480 minute winter	FC41	43.000	J37	0.5	0.671	0.046	0.0037
480 minute winter	FC42	44.000	J38	0.5	0.584	0.056	0.0041
480 minute winter	FC43	45.000	J39	0.5	0.683	0.045	0.0031
480 minute winter	FC44	46.000	J40	0.4	0.664	0.036	0.0026
480 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
480 minute winter	FC46	48.000	S20	0.7	0.437	0.111	0.0092
480 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0046
480 minute winter	FC48	50.000	J42	0.5	0.366	0.035	0.0072
480 minute winter	FC49	51.000	S21	0.5	0.447	0.082	0.0047

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC50	264	185.052	0.252	0.5	0.3357	0.0000	SURCHARGED
480 minute winter	FC51	264	185.102	0.252	0.5	0.3355	0.0000	SURCHARGED
480 minute winter	FC52	264	185.593	0.343	0.6	0.4699	0.0000	SURCHARGED
480 minute winter	FC53	264	185.498	0.248	0.5	0.3306	0.0000	SURCHARGED
480 minute winter	FC54	272	185.418	0.168	0.4	0.2172	0.0000	SURCHARGED
480 minute winter	FC55	272	185.416	0.166	0.4	0.2147	0.0000	SURCHARGED
480 minute winter	FC56	264	185.595	0.245	0.5	0.3260	0.0000	SURCHARGED
480 minute winter	FC57	264	185.595	0.245	0.5	0.3267	0.0000	SURCHARGED
480 minute winter	FC58	272	185.517	0.167	0.4	0.2153	0.0000	SURCHARGED
480 minute winter	FC59	272	185.517	0.167	0.4	0.2161	0.0000	SURCHARGED
480 minute winter	FC60	264	185.597	0.247	0.5	0.3282	0.0000	SURCHARGED
480 minute winter	FC61	264	185.549	0.249	0.5	0.3311	0.0000	SURCHARGED
480 minute winter	FC62	272	185.747	0.497	0.8	0.7107	0.0000	SURCHARGED
480 minute winter	FC63	272	185.573	0.173	0.4	0.2234	0.0000	SURCHARGED
480 minute winter	FC64	264	185.252	0.252	0.5	0.3350	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC50	52.000	J43	0.5	0.448	0.082	0.0051
480 minute winter	FC51	55.000	S22	0.5	0.450	0.082	0.0067
480 minute winter	FC52	58.000	S23	0.6	0.685	0.057	0.0046
480 minute winter	FC53	61.000	J50	0.5	0.614	0.052	0.0034
480 minute winter	FC54	62.000	J51	0.4	0.642	0.037	0.0025
480 minute winter	FC55	64.000	J53	0.4	0.807	0.027	0.0020
480 minute winter	FC56	53.000	J44	0.5	0.884	0.031	0.0036
480 minute winter	FC57	54.000	J45	0.5	0.830	0.034	0.0038
480 minute winter	FC58	56.000	J46	0.4	0.751	0.030	0.0033
480 minute winter	FC59	57.000	J47	0.4	0.697	0.033	0.0037
480 minute winter	FC60	59.000	J48	0.5	0.732	0.041	0.0044
480 minute winter	FC61	60.000	J49	0.5	0.588	0.056	0.0061
480 minute winter	FC62	63.000	J52	0.7	0.601	0.091	0.0109
480 minute winter	FC63	65.000	S26	0.4	0.408	0.067	0.0023
480 minute winter	FC64	66.000	J54	0.5	0.316	0.082	0.0034

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC65	264	185.394	0.244	0.5	0.3247	0.0000	SURCHARGED
480 minute winter	FC66	264	185.251	0.251	0.5	0.3339	0.0000	SURCHARGED
480 minute winter	FC67	280	184.906	0.106	0.4	1.0975	0.0000	SURCHARGED
480 minute winter	FC68	272	184.720	0.170	0.4	0.2191	0.0000	SURCHARGED
480 minute winter	J1	248	188.231	0.031	1.7	0.0418	0.0000	OK
480 minute winter	J2	248	188.154	0.048	2.1	0.0539	0.0000	OK
480 minute winter	J3	248	188.094	0.048	2.9	0.0540	0.0000	OK
480 minute winter	J4	248	188.069	0.034	3.2	0.0386	0.0000	OK
480 minute winter	J5	248	187.942	0.032	3.7	0.0358	0.0000	OK
480 minute winter	J6	248	187.697	0.047	4.1	0.0526	0.0000	OK
480 minute winter	J7	248	187.660	0.060	4.5	0.0674	0.0000	OK
480 minute winter	J8	248	187.636	0.043	5.0	0.0488	0.0000	OK
480 minute winter	J9	248	187.335	0.060	5.3	0.0683	0.0000	OK
480 minute winter	J10	248	187.305	0.035	6.0	0.0396	0.0000	OK
480 minute winter	J11	248	187.172	0.051	6.4	0.0575	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC65	67.000	J55	0.5	0.341	0.026	0.0034
480 minute winter	FC66	68.000	S24	0.5	0.503	0.068	0.0021
480 minute winter	FC67	69.000	J56	0.3	0.384	0.051	0.0017
480 minute winter	FC68	70.000	J57	0.4	0.558	0.044	0.0016
480 minute winter	J1	1.001	J2	1.7	0.586	0.201	0.0144
480 minute winter	J2	1.002	J3	2.1	0.635	0.362	0.0035
480 minute winter	J3	1.003	J4	2.9	0.735	0.215	0.0076
480 minute winter	J4	1.004	J5	3.2	1.139	0.097	0.0101
480 minute winter	J5	1.005	J6	3.7	1.020	0.097	0.0208
480 minute winter	J6	1.006	J7	4.1	0.737	0.144	0.0110
480 minute winter	J7	1.007	J8	4.5	0.843	0.322	0.0060
480 minute winter	J8	1.008	J9	5.0	1.225	0.164	0.0343
480 minute winter	J9	1.009	J10	5.3	0.873	0.160	0.0075
480 minute winter	J10	1.010	J11	6.0	1.135	0.046	0.0130
480 minute winter	J11	1.011	S2	6.4	0.645	0.100	0.0543

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J12	248	186.865	0.056	8.4	0.0629	0.0000	OK
480 minute winter	J13	248	186.802	0.100	8.7	0.1131	0.0000	OK
480 minute winter	J14	248	186.790	0.095	9.1	0.1077	0.0000	OK
480 minute winter	J15	248	186.774	0.086	9.5	0.0970	0.0000	OK
480 minute winter	J16	248	186.740	0.070	9.9	0.0793	0.0000	OK
480 minute winter	J17	248	186.404	0.046	10.3	0.0524	0.0000	OK
480 minute winter	J18	472	186.321	0.127	11.9	0.1439	0.0000	OK
480 minute winter	J19	480	186.323	0.296	15.1	0.3348	0.0000	OK
480 minute winter	J20	480	186.321	0.390	0.7	0.4409	0.0000	SURCHARGED
480 minute winter	J21	480	186.321	0.426	1.2	0.4818	0.0000	SURCHARGED
480 minute winter	J22	480	186.321	0.503	1.7	0.5693	0.0000	SURCHARGED
480 minute winter	J23	480	186.321	0.538	1.9	0.6088	0.0000	SURCHARGED
480 minute winter	J24	480	186.322	0.672	3.3	0.7597	0.0000	SURCHARGED
480 minute winter	J25	480	186.323	0.708	4.9	0.8002	0.0000	SURCHARGED
480 minute winter	J26	480	186.321	0.734	5.2	0.8303	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J12	1.013	J13	8.4	0.692	0.126	0.0798
480 minute winter	J13	1.014	J14	8.7	0.528	0.278	0.0313
480 minute winter	J14	1.015	J15	9.1	0.610	0.291	0.0286
480 minute winter	J15	1.016	J16	9.5	0.778	0.310	0.0626
480 minute winter	J16	1.017	J17	9.9	1.026	0.164	0.0324
480 minute winter	J17	1.018	S3	10.3	1.017	0.070	0.0195
480 minute winter	J18	1.020	J19	11.9	1.704	0.092	0.0466
480 minute winter	J19	1.021	S4	12.4	0.686	0.224	0.3089
480 minute winter	J20	23.002	J21	0.7	0.409	0.120	0.0295
480 minute winter	J21	23.003	J22	1.2	0.486	0.200	0.0627
480 minute winter	J22	23.004	J23	1.6	0.581	0.276	0.0281
480 minute winter	J23	23.005	S18	1.9	0.650	0.327	0.0587
480 minute winter	J24	23.007	J25	3.3	0.522	0.246	0.1088
480 minute winter	J25	23.008	J26	4.6	0.534	0.345	0.0874
480 minute winter	J26	23.009	S19	4.0	0.618	0.297	0.0652

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J27	472	186.321	0.860	7.0	0.9730	0.0000	SURCHARGED
480 minute winter	J28	248	186.393	0.037	1.7	0.0423	0.0000	OK
480 minute winter	J29	248	186.315	0.044	2.1	0.0493	0.0000	OK
480 minute winter	J30	248	186.200	0.053	3.0	0.0599	0.0000	OK
480 minute winter	J31	248	186.174	0.055	3.5	0.0620	0.0000	OK
480 minute winter	J32	248	186.122	0.058	4.0	0.0655	0.0000	OK
480 minute winter	J33	248	185.650	0.040	5.5	0.0452	0.0000	OK
480 minute winter	J34	248	185.192	0.067	7.0	0.0758	0.0000	OK
480 minute winter	J35	248	185.119	0.044	7.4	0.0493	0.0000	OK
480 minute winter	J36	248	184.949	0.074	7.8	0.0837	0.0000	OK
480 minute winter	J37	248	184.654	0.079	9.1	0.0895	0.0000	OK
480 minute winter	J38	248	184.471	0.096	10.0	0.1081	0.0000	OK
480 minute winter	J39	248	184.433	0.095	10.4	0.1075	0.0000	OK
480 minute winter	J40	248	184.407	0.082	10.8	0.0925	0.0000	OK
480 minute winter	J41	248	184.624	0.027	0.9	0.0310	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J27	23.011	S4	7.6	0.560	0.253	0.0951
480 minute winter	J28	32.001	J29	1.7	0.569	0.285	0.0262
480 minute winter	J29	32.002	S12	2.1	0.663	0.350	0.0146
480 minute winter	J30	32.004	J31	3.0	0.531	0.228	0.0283
480 minute winter	J31	32.005	J32	3.5	0.578	0.263	0.0589
480 minute winter	J32	32.006	S13	4.0	0.800	0.302	0.0269
480 minute winter	J33	32.008	S14	5.5	0.934	0.155	0.0542
480 minute winter	J34	32.010	J35	7.0	0.922	0.181	0.0690
480 minute winter	J35	32.011	J36	7.4	0.893	0.083	0.0575
480 minute winter	J36	32.012	S15	8.1	0.956	0.271	0.0204
480 minute winter	J37	32.014	S16	9.1	1.066	0.299	0.0452
480 minute winter	J38	32.016	J39	10.0	0.623	0.330	0.1730
480 minute winter	J39	32.017	J40	10.4	0.721	0.339	0.0529
480 minute winter	J40	32.018	S10	10.8	0.871	0.251	0.1190
480 minute winter	J41	48.002	J42	0.9	0.464	0.157	0.0125

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J42	248	184.570	0.033	1.4	0.0378	0.0000	OK
480 minute winter	J43	248	184.411	0.051	2.5	0.0577	0.0000	OK
480 minute winter	J44	248	184.399	0.049	3.0	0.0553	0.0000	OK
480 minute winter	J45	264	184.366	0.066	3.5	0.0744	0.0000	OK
480 minute winter	J46	264	184.343	0.071	4.8	0.0799	0.0000	OK
480 minute winter	J47	264	184.320	0.072	5.2	0.0815	0.0000	OK
480 minute winter	J48	496	184.294	0.140	6.4	0.1588	0.0000	OK
480 minute winter	J49	496	184.296	0.167	6.9	0.1888	0.0000	OK
480 minute winter	J50	480	184.294	0.169	7.4	0.1912	0.0000	OK
480 minute winter	J51	504	184.295	0.187	7.8	0.2116	0.0000	OK
480 minute winter	J52	512	184.296	0.192	8.5	0.2176	0.0000	OK
480 minute winter	J53	480	184.294	0.207	8.9	0.2336	0.0000	OK
480 minute winter	J54	264	185.010	0.031	1.1	0.0349	0.0000	OK
480 minute winter	J55	264	184.981	0.037	1.6	0.0413	0.0000	OK
480 minute winter	J56	480	184.295	0.328	12.8	0.3711	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J42	48.003	S21	1.4	0.507	0.238	0.0227
480 minute winter	J43	48.005	J44	2.5	0.495	0.182	0.0082
480 minute winter	J44	48.006	J45	3.0	0.488	0.226	0.0544
480 minute winter	J45	48.007	S22	3.5	0.448	0.257	0.0186
480 minute winter	J46	48.009	J47	4.8	0.577	0.357	0.0348
480 minute winter	J47	48.010	S23	5.2	0.662	0.387	0.0206
480 minute winter	J48	48.012	J49	6.4	0.445	0.215	0.2146
480 minute winter	J49	48.013	J50	6.9	0.446	0.225	0.0360
480 minute winter	J50	48.014	J51	7.4	0.471	0.247	0.1708
480 minute winter	J51	48.015	J52	7.8	0.497	0.254	0.0402
480 minute winter	J52	48.016	J53	8.5	0.581	0.278	0.1807
480 minute winter	J53	48.017	S24	8.9	0.680	0.294	0.4000
480 minute winter	J54	65.002	J55	1.1	0.467	0.183	0.0084
480 minute winter	J55	65.003	S24	1.6	0.622	0.266	0.0198
480 minute winter	J56	48.019	J57	12.8	0.554	0.236	0.6398

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Results for 30 year +35% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J57	496	184.294	0.349	13.2	0.3942	0.0000	SURCHARGED
480 minute winter	BASIN 1	472	186.320	1.320	17.5	185.5197	0.0000	SURCHARGED
480 minute winter	BASIN 2	720	184.762	0.462	1.6	45.4643	0.0000	OK
480 minute winter	BASIN 3	504	183.294	0.194	12.0	136.1452	0.0000	OK
480 minute winter	BASIN 4	488	184.291	0.961	13.2	143.7777	0.0000	SURCHARGED
480 minute winter	SWALE 1	480	184.968	0.036	1.6	0.0403	0.0000	OK
480 minute winter	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
480 minute winter	SWALE 3	248	184.156	0.085	12.0	0.0967	0.0000	OK
480 minute winter	BH1	720	184.762	0.685	0.6	2.7881	0.0000	OK
480 minute winter	BH2	512	183.294	0.242	1.2	2.8058	0.0000	OK
480 minute winter	BH3	488	184.291	0.985	1.5	6.1994	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J57	48.020	S25	13.2	0.600	0.244	0.5574
480 minute winter	BASIN 1	1.023	S5	2.0	0.163	0.037	0.6013
480 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
480 minute winter	BASIN 2	71.000	BH1	0.6	0.421	0.101	0.1829
480 minute winter	BASIN 3	1.034	BH2	1.2	0.266	0.014	1.7878
480 minute winter	BASIN 4	48.022	BH3	1.5	0.464	0.028	0.7181
480 minute winter	SWALE 1	1.025	S6	1.6	0.340	0.030	0.1788
480 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
480 minute winter	SWALE 3	1.033	BASIN 3	12.0	0.744	0.173	0.6968
480 minute winter	BH1	Infiltration		0.1			
480 minute winter	BH2	Infiltration		0.2			
480 minute winter	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S1	315	188.388	0.018	0.6	0.0241	0.0000	OK
600 minute summer	S2	315	187.127	0.088	8.7	0.1297	0.0000	OK
600 minute summer	S3	315	186.306	0.094	12.5	0.1225	0.0000	OK
600 minute summer	S4	615	186.278	0.900	19.4	1.0691	0.0000	SURCHARGED
600 minute summer	S5	615	186.276	1.296	1.7	1.4655	0.0000	SURCHARGED
600 minute summer	S6	615	184.880	0.036	1.6	0.0405	0.0000	OK
600 minute summer	S7	15	184.779	0.000	0.0	0.0000	0.0000	OK
600 minute summer	S8	15	184.390	0.000	0.0	0.0000	0.0000	OK
600 minute summer	S9	315	184.246	0.046	0.0	0.0519	0.0000	OK
600 minute summer	S10	315	184.246	0.062	13.4	0.0945	0.0000	OK
600 minute summer	S11	315	186.435	0.035	1.4	0.0573	0.0000	OK
600 minute summer	S12	315	186.227	0.051	2.9	0.0579	0.0000	OK
600 minute summer	S13	315	186.077	0.043	5.5	0.0614	0.0000	OK
600 minute summer	S14	315	185.325	0.075	7.4	0.1177	0.0000	OK
600 minute summer	S15	315	184.915	0.048	9.7	0.0675	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	S1	1.000	J1	0.6	0.406	0.069	0.0126
600 minute summer	S2	1.012	J12	8.7	0.664	0.290	0.0195
600 minute summer	S3	1.019	J18	12.5	1.023	0.410	0.0633
600 minute summer	S4	1.022	BASIN 1	19.2	1.249	0.115	1.1778
600 minute summer	S5	1.024	SWALE 1	1.6	0.339	0.030	0.0950
600 minute summer	S6	1.026	BASIN 2	1.6	0.387	0.029	0.0236
600 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
600 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0408
600 minute summer	S9	1.031	S10	0.0	-0.012	0.000	0.0577
600 minute summer	S10	1.032	SWALE 3	13.4	0.953	0.074	0.0618
600 minute summer	S11	32.000	J28	1.4	0.533	0.235	0.0121
600 minute summer	S12	32.003	J30	2.8	0.501	0.213	0.0289
600 minute summer	S13	32.007	J33	5.5	1.329	0.169	0.0534
600 minute summer	S14	32.009	J34	7.4	0.889	0.425	0.0434
600 minute summer	S15	32.013	J37	9.4	0.979	0.102	0.0909

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S16	315	184.601	0.044	10.5	0.0558	0.0000	OK
600 minute summer	S17	615	186.278	0.278	0.3	0.3148	0.0000	SURCHARGED
600 minute summer	S18	615	186.278	0.617	3.3	0.8720	0.0000	SURCHARGED
600 minute summer	S19	615	186.279	0.788	5.5	1.0792	0.0000	SURCHARGED
600 minute summer	S20	315	184.671	0.028	1.0	0.0347	0.0000	OK
600 minute summer	S21	315	184.504	0.045	2.2	0.0537	0.0000	OK
600 minute summer	S22	315	184.362	0.076	4.9	0.0933	0.0000	OK
600 minute summer	S23	630	184.288	0.130	6.7	0.1540	0.0000	OK
600 minute summer	S24	630	184.287	0.310	13.9	0.4503	0.0000	SURCHARGED
600 minute summer	S25	630	184.287	0.361	14.6	0.4078	0.0000	SURCHARGED
600 minute summer	S26	315	185.396	0.019	0.7	0.0228	0.0000	OK
600 minute summer	FC1	330	188.558	0.308	0.6	0.4099	0.0000	SURCHARGED
600 minute summer	FC2	330	188.458	0.308	0.6	0.4104	0.0000	SURCHARGED
600 minute summer	FC3	330	188.789	0.589	0.9	0.8551	0.0000	SURCHARGED
600 minute summer	FC4	315	188.422	0.222	0.5	0.2865	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	S16	32.015	J38	10.5	0.943	0.071	0.0263
600 minute summer	S17	23.001	J20	0.3	0.275	0.054	0.0560
600 minute summer	S18	23.006	J24	3.1	0.498	0.225	0.0323
600 minute summer	S19	23.010	J27	5.1	0.463	0.172	0.3541
600 minute summer	S20	48.001	J41	1.0	0.536	0.162	0.0083
600 minute summer	S21	48.004	J43	2.2	0.675	0.378	0.0169
600 minute summer	S22	48.008	J46	4.9	0.543	0.363	0.0218
600 minute summer	S23	48.011	J48	6.7	0.448	0.216	0.0271
600 minute summer	S24	48.018	J56	13.9	0.540	0.259	0.2989
600 minute summer	S25	48.021	BASIN 4	14.6	0.717	0.264	0.2248
600 minute summer	S26	65.001	J54	0.7	0.647	0.075	0.0086
600 minute summer	FC1	2.000	J1	0.5	0.366	0.088	0.0077
600 minute summer	FC2	3.000	J2	0.5	0.236	0.091	0.0113
600 minute summer	FC3	4.000	J3	0.8	0.541	0.120	0.0132
600 minute summer	FC4	5.000	J4	0.5	0.526	0.060	0.0064

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC5	330	188.309	0.309	0.6	0.4113	0.0000	SURCHARGED
600 minute summer	FC6	315	188.071	0.221	0.5	0.2852	0.0000	SURCHARGED
600 minute summer	FC7	315	187.972	0.222	0.5	0.2872	0.0000	SURCHARGED
600 minute summer	FC8	330	188.055	0.305	0.6	0.4055	0.0000	SURCHARGED
600 minute summer	FC9	315	187.694	0.224	0.5	0.2890	0.0000	SURCHARGED
600 minute summer	FC10	330	187.943	0.473	0.8	0.6669	0.0000	SURCHARGED
600 minute summer	FC11	315	187.544	0.224	0.5	0.2941	0.0000	SURCHARGED
600 minute summer	FC12	315	187.454	0.224	0.5	0.2941	0.0000	SURCHARGED
600 minute summer	FC13	330	187.309	0.309	0.6	0.4110	0.0000	SURCHARGED
600 minute summer	FC14	360	187.033	0.133	0.6	1.6995	0.0000	SURCHARGED
600 minute summer	FC15	315	187.417	0.217	0.5	0.2807	0.0000	SURCHARGED
600 minute summer	FC16	315	187.123	0.223	0.5	0.2881	0.0000	SURCHARGED
600 minute summer	FC17	315	187.219	0.219	0.5	0.2824	0.0000	SURCHARGED
600 minute summer	FC18	315	186.774	0.224	0.5	0.2891	0.0000	SURCHARGED
600 minute summer	FC19	330	186.709	0.309	0.6	0.4111	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC5	6.000	J5	0.5	0.461	0.092	0.0049
600 minute summer	FC6	7.000	J6	0.5	0.579	0.053	0.0058
600 minute summer	FC7	8.000	J7	0.5	0.502	0.064	0.0066
600 minute summer	FC8	9.000	J8	0.5	0.653	0.056	0.0035
600 minute summer	FC9	10.000	J9	0.5	0.444	0.077	0.0074
600 minute summer	FC10	11.000	J10	0.7	0.536	0.102	0.0079
600 minute summer	FC11	12.000	J11	0.5	0.442	0.077	0.0080
600 minute summer	FC12	13.000	S2	0.5	0.442	0.077	0.0071
600 minute summer	FC13	14.000	J12	0.5	0.466	0.092	0.0080
600 minute summer	FC14	15.000	J13	0.3	0.409	0.058	0.0064
600 minute summer	FC15	16.000	J14	0.5	0.937	0.026	0.0023
600 minute summer	FC16	17.000	J15	0.5	0.471	0.071	0.0074
600 minute summer	FC17	18.000	J16	0.5	0.747	0.036	0.0030
600 minute summer	FC18	19.000	J17	0.5	0.441	0.077	0.0072
600 minute summer	FC19	20.000	S3	0.5	0.463	0.092	0.0077

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC20	330	187.251	0.301	0.6	0.4011	0.0000	SURCHARGED
600 minute summer	FC21	330	186.609	0.309	0.6	0.4110	0.0000	SURCHARGED
600 minute summer	FC22	345	186.562	0.112	0.5	1.0861	0.0000	SURCHARGED
600 minute summer	FC23	315	186.524	0.224	0.5	0.2886	0.0000	SURCHARGED
600 minute summer	FC24	330	186.607	0.307	0.6	0.4084	0.0000	SURCHARGED
600 minute summer	FC25	330	186.851	0.301	0.6	0.4012	0.0000	SURCHARGED
600 minute summer	FC26	345	186.560	0.110	0.5	1.1099	0.0000	SURCHARGED
600 minute summer	FC27	315	186.717	0.217	0.5	0.2806	0.0000	SURCHARGED
600 minute summer	FC28	330	186.801	0.301	0.6	0.4011	0.0000	SURCHARGED
600 minute summer	FC29	330	186.801	0.301	0.6	0.4066	0.0000	SURCHARGED
600 minute summer	FC30	330	187.052	0.302	0.6	0.4018	0.0000	SURCHARGED
600 minute summer	FC31	315	186.671	0.220	0.5	0.2846	0.0000	SURCHARGED
600 minute summer	FC32	315	186.669	0.219	0.5	0.2821	0.0000	SURCHARGED
600 minute summer	FC33	330	186.752	0.302	0.6	0.4020	0.0000	SURCHARGED
600 minute summer	FC34	330	186.759	0.309	0.6	0.4107	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC20	21.000	J18	0.5	0.931	0.034	0.0025
600 minute summer	FC21	22.000	J19	0.5	0.464	0.092	0.0161
600 minute summer	FC22	23.000	S17	0.3	0.570	0.017	0.0194
600 minute summer	FC23	24.000	J20	0.5	0.459	0.072	0.0046
600 minute summer	FC24	25.000	J21	0.5	0.542	0.073	0.0091
600 minute summer	FC25	26.000	J22	0.5	0.925	0.034	0.0090
600 minute summer	FC26	27.000	J23	0.3	0.697	0.024	0.0087
600 minute summer	FC27	28.000	J24	0.5	0.968	0.025	0.0180
600 minute summer	FC28	29.000	J25	0.5	0.930	0.034	0.0144
600 minute summer	FC29	30.000	J26	0.5	0.905	0.035	0.0158
600 minute summer	FC30	31.000	J27	0.5	0.868	0.037	0.0028
600 minute summer	FC31	33.000	J28	0.5	0.286	0.051	0.0077
600 minute summer	FC32	34.000	J29	0.5	0.252	0.036	0.0086
600 minute summer	FC33	35.000	S12	0.5	0.853	0.038	0.0026
600 minute summer	FC34	36.000	J30	0.5	0.476	0.088	0.0054

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC35	330	186.752	0.302	0.6	0.4019	0.0000	SURCHARGED
600 minute summer	FC36	330	186.751	0.301	0.6	0.4064	0.0000	SURCHARGED
600 minute summer	FC37	330	186.208	0.408	0.7	0.5671	0.0000	SURCHARGED
600 minute summer	FC38	345	185.551	0.101	0.5	1.2171	0.0000	SURCHARGED
600 minute summer	FC39	315	185.668	0.218	0.5	0.2816	0.0000	SURCHARGED
600 minute summer	FC40	330	185.800	0.300	0.6	0.3999	0.0000	SURCHARGED
600 minute summer	FC41	330	185.154	0.304	0.6	0.4047	0.0000	SURCHARGED
600 minute summer	FC42	330	184.906	0.306	0.6	0.4067	0.0000	SURCHARGED
600 minute summer	FC43	330	184.904	0.304	0.6	0.4044	0.0000	SURCHARGED
600 minute summer	FC44	315	184.615	0.015	0.5	0.0191	0.0000	OK
600 minute summer	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
600 minute summer	FC46	330	185.173	0.473	0.8	0.6680	0.0000	SURCHARGED
600 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute summer	FC48	330	185.102	0.302	0.6	0.4018	0.0000	SURCHARGED
600 minute summer	FC49	330	185.109	0.309	0.6	0.4113	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC35	37.000	J31	0.5	0.859	0.038	0.0032
600 minute summer	FC36	38.000	J32	0.5	0.922	0.034	0.0029
600 minute summer	FC37	39.000	J33	0.6	0.644	0.071	0.0064
600 minute summer	FC38	40.000	J34	0.3	0.661	0.024	0.0022
600 minute summer	FC39	41.000	J35	0.5	0.823	0.032	0.0025
600 minute summer	FC40	42.000	J36	0.5	1.057	0.028	0.0026
600 minute summer	FC41	43.000	J37	0.5	0.692	0.052	0.0039
600 minute summer	FC42	44.000	J38	0.5	0.603	0.063	0.0045
600 minute summer	FC43	45.000	J39	0.5	0.705	0.050	0.0033
600 minute summer	FC44	46.000	J40	0.5	0.708	0.044	0.0031
600 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
600 minute summer	FC46	48.000	S20	0.7	0.440	0.114	0.0095
600 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0047
600 minute summer	FC48	50.000	J42	0.5	0.386	0.039	0.0076
600 minute summer	FC49	51.000	S21	0.5	0.461	0.092	0.0051

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC50	330	185.109	0.309	0.6	0.4112	0.0000	SURCHARGED
600 minute summer	FC51	330	185.159	0.309	0.6	0.4111	0.0000	SURCHARGED
600 minute summer	FC52	315	185.614	0.364	0.7	0.4989	0.0000	SURCHARGED
600 minute summer	FC53	330	185.555	0.305	0.6	0.4060	0.0000	SURCHARGED
600 minute summer	FC54	315	185.470	0.220	0.5	0.2836	0.0000	SURCHARGED
600 minute summer	FC55	315	185.468	0.218	0.5	0.2814	0.0000	SURCHARGED
600 minute summer	FC56	330	185.652	0.301	0.6	0.4012	0.0000	SURCHARGED
600 minute summer	FC57	330	185.652	0.302	0.6	0.4019	0.0000	SURCHARGED
600 minute summer	FC58	315	185.568	0.218	0.5	0.2819	0.0000	SURCHARGED
600 minute summer	FC59	315	185.569	0.219	0.5	0.2827	0.0000	SURCHARGED
600 minute summer	FC60	330	185.653	0.303	0.6	0.4034	0.0000	SURCHARGED
600 minute summer	FC61	330	185.605	0.305	0.6	0.4065	0.0000	SURCHARGED
600 minute summer	FC62	330	185.761	0.511	0.8	0.7311	0.0000	SURCHARGED
600 minute summer	FC63	315	185.625	0.224	0.5	0.2898	0.0000	SURCHARGED
600 minute summer	FC64	330	185.309	0.309	0.6	0.4108	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC50	52.000	J43	0.5	0.462	0.092	0.0055
600 minute summer	FC51	55.000	S22	0.5	0.464	0.092	0.0072
600 minute summer	FC52	58.000	S23	0.6	0.691	0.059	0.0047
600 minute summer	FC53	61.000	J50	0.5	0.633	0.058	0.0037
600 minute summer	FC54	62.000	J51	0.5	0.668	0.042	0.0027
600 minute summer	FC55	64.000	J53	0.5	0.841	0.031	0.0023
600 minute summer	FC56	53.000	J44	0.5	0.914	0.035	0.0039
600 minute summer	FC57	54.000	J45	0.5	0.857	0.038	0.0041
600 minute summer	FC58	56.000	J46	0.5	0.784	0.034	0.0036
600 minute summer	FC59	57.000	J47	0.5	0.727	0.038	0.0040
600 minute summer	FC60	59.000	J48	0.5	0.756	0.046	0.0047
600 minute summer	FC61	60.000	J49	0.5	0.607	0.063	0.0066
600 minute summer	FC62	63.000	J52	0.7	0.603	0.092	0.0110
600 minute summer	FC63	65.000	S26	0.5	0.431	0.077	0.0025
600 minute summer	FC64	66.000	J54	0.5	0.329	0.092	0.0037

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC65	330	185.450	0.300	0.6	0.3998	0.0000	SURCHARGED
600 minute summer	FC66	330	185.308	0.308	0.6	0.4095	0.0000	SURCHARGED
600 minute summer	FC67	345	184.911	0.111	0.5	1.1462	0.0000	SURCHARGED
600 minute summer	FC68	315	184.771	0.221	0.5	0.2855	0.0000	SURCHARGED
600 minute summer	J1	315	188.232	0.032	1.7	0.0427	0.0000	OK
600 minute summer	J2	315	188.155	0.049	2.3	0.0559	0.0000	OK
600 minute summer	J3	315	188.095	0.049	3.0	0.0555	0.0000	OK
600 minute summer	J4	315	188.070	0.035	3.5	0.0400	0.0000	OK
600 minute summer	J5	315	187.943	0.033	4.0	0.0371	0.0000	OK
600 minute summer	J6	315	187.699	0.049	4.5	0.0556	0.0000	OK
600 minute summer	J7	315	187.663	0.063	4.9	0.0707	0.0000	OK
600 minute summer	J8	315	187.638	0.045	5.5	0.0513	0.0000	OK
600 minute summer	J9	315	187.339	0.063	5.9	0.0718	0.0000	OK
600 minute summer	J10	315	187.307	0.037	6.6	0.0417	0.0000	OK
600 minute summer	J11	315	187.175	0.054	7.0	0.0607	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC65	67.000	J55	0.5	0.354	0.029	0.0036
600 minute summer	FC66	68.000	S24	0.5	0.518	0.075	0.0022
600 minute summer	FC67	69.000	J56	0.3	0.386	0.053	0.0017
600 minute summer	FC68	70.000	J57	0.5	0.580	0.051	0.0018
600 minute summer	J1	1.001	J2	1.7	0.585	0.210	0.0150
600 minute summer	J2	1.002	J3	2.3	0.645	0.384	0.0037
600 minute summer	J3	1.003	J4	3.0	0.742	0.227	0.0080
600 minute summer	J4	1.004	J5	3.5	1.155	0.103	0.0106
600 minute summer	J5	1.005	J6	4.0	1.029	0.105	0.0223
600 minute summer	J6	1.006	J7	4.5	0.747	0.157	0.0118
600 minute summer	J7	1.007	J8	4.9	0.862	0.353	0.0065
600 minute summer	J8	1.008	J9	5.4	1.256	0.180	0.0367
600 minute summer	J9	1.009	J10	5.9	0.896	0.177	0.0081
600 minute summer	J10	1.010	J11	6.6	1.155	0.051	0.0140
600 minute summer	J11	1.011	S2	7.0	0.658	0.109	0.0581

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J12	315	186.867	0.058	9.2	0.0661	0.0000	OK
600 minute summer	J13	315	186.807	0.105	9.5	0.1191	0.0000	OK
600 minute summer	J14	315	186.795	0.100	10.0	0.1133	0.0000	OK
600 minute summer	J15	315	186.778	0.090	10.4	0.1020	0.0000	OK
600 minute summer	J16	315	186.744	0.074	10.9	0.0836	0.0000	OK
600 minute summer	J17	315	186.408	0.049	11.3	0.0559	0.0000	OK
600 minute summer	J18	615	186.278	0.084	13.1	0.0948	0.0000	OK
600 minute summer	J19	615	186.278	0.251	13.6	0.2842	0.0000	OK
600 minute summer	J20	615	186.279	0.348	0.8	0.3934	0.0000	SURCHARGED
600 minute summer	J21	615	186.279	0.384	1.3	0.4341	0.0000	SURCHARGED
600 minute summer	J22	615	186.278	0.460	1.9	0.5204	0.0000	SURCHARGED
600 minute summer	J23	615	186.278	0.495	2.1	0.5598	0.0000	SURCHARGED
600 minute summer	J24	615	186.278	0.628	3.5	0.7105	0.0000	SURCHARGED
600 minute summer	J25	615	186.278	0.663	4.1	0.7496	0.0000	SURCHARGED
600 minute summer	J26	615	186.279	0.692	4.4	0.7825	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J12	1.013	J13	9.2	0.705	0.137	0.0854
600 minute summer	J13	1.014	J14	9.5	0.538	0.303	0.0335
600 minute summer	J14	1.015	J15	10.0	0.623	0.319	0.0306
600 minute summer	J15	1.016	J16	10.4	0.795	0.340	0.0671
600 minute summer	J16	1.017	J17	10.9	1.051	0.180	0.0347
600 minute summer	J17	1.018	S3	11.3	1.037	0.078	0.0209
600 minute summer	J18	1.020	J19	13.1	1.740	0.101	0.0349
600 minute summer	J19	1.021	S4	13.6	0.704	0.247	0.2819
600 minute summer	J20	23.002	J21	0.8	0.416	0.130	0.0295
600 minute summer	J21	23.003	J22	1.3	0.495	0.222	0.0627
600 minute summer	J22	23.004	J23	1.8	0.579	0.305	0.0281
600 minute summer	J23	23.005	S18	2.1	0.650	0.356	0.0587
600 minute summer	J24	23.007	J25	3.4	0.534	0.258	0.1088
600 minute summer	J25	23.008	J26	3.9	0.540	0.293	0.0874
600 minute summer	J26	23.009	S19	4.3	0.610	0.323	0.0652

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J27	600	186.278	0.817	5.6	0.9240	0.0000	SURCHARGED
600 minute summer	J28	315	186.396	0.039	1.9	0.0447	0.0000	OK
600 minute summer	J29	315	186.317	0.046	2.3	0.0524	0.0000	OK
600 minute summer	J30	315	186.204	0.057	3.4	0.0640	0.0000	OK
600 minute summer	J31	315	186.178	0.059	3.9	0.0663	0.0000	OK
600 minute summer	J32	315	186.125	0.061	4.5	0.0692	0.0000	OK
600 minute summer	J33	315	185.652	0.042	6.1	0.0475	0.0000	OK
600 minute summer	J34	315	185.195	0.070	7.6	0.0794	0.0000	OK
600 minute summer	J35	315	185.121	0.046	8.1	0.0516	0.0000	OK
600 minute summer	J36	315	184.953	0.078	8.6	0.0885	0.0000	OK
600 minute summer	J37	315	184.658	0.083	9.9	0.0936	0.0000	OK
600 minute summer	J38	315	184.476	0.101	11.0	0.1147	0.0000	OK
600 minute summer	J39	315	184.439	0.101	11.5	0.1139	0.0000	OK
600 minute summer	J40	315	184.412	0.087	12.0	0.0981	0.0000	OK
600 minute summer	J41	315	184.625	0.028	1.0	0.0314	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J27	23.011	S4	5.5	0.535	0.184	0.0951
600 minute summer	J28	32.001	J29	1.9	0.578	0.313	0.0284
600 minute summer	J29	32.002	S12	2.3	0.681	0.390	0.0158
600 minute summer	J30	32.004	J31	3.4	0.544	0.255	0.0310
600 minute summer	J31	32.005	J32	3.9	0.598	0.295	0.0639
600 minute summer	J32	32.006	S13	4.5	0.819	0.335	0.0290
600 minute summer	J33	32.008	S14	6.1	0.956	0.171	0.0582
600 minute summer	J34	32.010	J35	7.6	0.946	0.198	0.0736
600 minute summer	J35	32.011	J36	8.1	0.913	0.091	0.0618
600 minute summer	J36	32.012	S15	8.9	0.969	0.295	0.0219
600 minute summer	J37	32.014	S16	10.0	1.086	0.327	0.0485
600 minute summer	J38	32.016	J39	11.0	0.636	0.364	0.1868
600 minute summer	J39	32.017	J40	11.5	0.737	0.374	0.0572
600 minute summer	J40	32.018	S10	12.0	0.895	0.279	0.1285
600 minute summer	J41	48.002	J42	1.0	0.463	0.163	0.0130

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J42	315	184.572	0.035	1.5	0.0392	0.0000	OK
600 minute summer	J43	315	184.414	0.054	2.8	0.0608	0.0000	OK
600 minute summer	J44	315	184.402	0.051	3.3	0.0582	0.0000	OK
600 minute summer	J45	315	184.371	0.071	3.8	0.0799	0.0000	OK
600 minute summer	J46	315	184.348	0.076	5.3	0.0858	0.0000	OK
600 minute summer	J47	315	184.325	0.077	5.8	0.0871	0.0000	OK
600 minute summer	J48	615	184.288	0.134	7.2	0.1515	0.0000	OK
600 minute summer	J49	630	184.289	0.159	7.7	0.1803	0.0000	OK
600 minute summer	J50	630	184.288	0.163	8.3	0.1845	0.0000	OK
600 minute summer	J51	660	184.287	0.179	8.7	0.2025	0.0000	OK
600 minute summer	J52	630	184.292	0.188	9.4	0.2121	0.0000	OK
600 minute summer	J53	630	184.287	0.200	9.8	0.2265	0.0000	OK
600 minute summer	J54	330	185.012	0.033	1.2	0.0369	0.0000	OK
600 minute summer	J55	330	184.983	0.039	1.7	0.0438	0.0000	OK
600 minute summer	J56	630	184.287	0.320	14.2	0.3616	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J42	48.003	S21	1.5	0.514	0.255	0.0239
600 minute summer	J43	48.005	J44	2.8	0.503	0.198	0.0088
600 minute summer	J44	48.006	J45	3.3	0.491	0.248	0.0592
600 minute summer	J45	48.007	S22	3.8	0.452	0.283	0.0204
600 minute summer	J46	48.009	J47	5.3	0.590	0.399	0.0380
600 minute summer	J47	48.010	S23	5.8	0.681	0.433	0.0224
600 minute summer	J48	48.012	J49	7.2	0.452	0.240	0.2037
600 minute summer	J49	48.013	J50	7.7	0.455	0.252	0.0345
600 minute summer	J50	48.014	J51	8.3	0.482	0.276	0.1628
600 minute summer	J51	48.015	J52	8.7	0.513	0.284	0.0391
600 minute summer	J52	48.016	J53	9.4	0.595	0.307	0.1775
600 minute summer	J53	48.017	S24	9.8	0.699	0.325	0.3958
600 minute summer	J54	65.002	J55	1.2	0.478	0.202	0.0091
600 minute summer	J55	65.003	S24	1.7	0.640	0.295	0.0214
600 minute summer	J56	48.019	J57	14.1	0.568	0.261	0.6398

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Results for 30 year +35% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J57	630	184.287	0.342	14.6	0.3865	0.0000	SURCHARGED
600 minute summer	BASIN 1	615	186.276	1.276	19.2	177.8261	0.0000	SURCHARGED
600 minute summer	BASIN 2	840	184.813	0.513	1.6	51.1727	0.0000	OK
600 minute summer	BASIN 3	630	183.289	0.189	13.4	133.1504	0.0000	OK
600 minute summer	BASIN 4	630	184.286	0.956	14.6	142.9647	0.0000	SURCHARGED
600 minute summer	SWALE 1	615	184.967	0.035	1.6	0.0400	0.0000	OK
600 minute summer	SWALE 2	15	184.450	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWALE 3	315	184.161	0.090	13.4	0.1024	0.0000	OK
600 minute summer	BH1	840	184.813	0.736	0.5	2.9351	0.0000	OK
600 minute summer	BH2	630	183.289	0.237	0.9	2.7851	0.0000	OK
600 minute summer	BH3	630	184.286	0.980	1.3	6.1777	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J57	48.020	S25	14.6	0.616	0.270	0.5574
600 minute summer	BASIN 1	1.023	S5	1.7	0.068	0.032	0.6013
600 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
600 minute summer	BASIN 2	71.000	BH1	0.5	0.400	0.087	0.1829
600 minute summer	BASIN 3	1.034	BH2	0.9	0.255	0.011	1.7463
600 minute summer	BASIN 4	48.022	BH3	1.3	0.414	0.025	0.7181
600 minute summer	SWALE 1	1.025	S6	1.6	0.338	0.030	0.1767
600 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
600 minute summer	SWALE 3	1.033	BASIN 3	13.4	0.767	0.193	0.7535
600 minute summer	BH1	Infiltration		0.1			
600 minute summer	BH2	Infiltration		0.2			
600 minute summer	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.55%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S1	300	188.386	0.016	0.5	0.0220	0.0000	OK
600 minute winter	S2	330	187.116	0.077	6.7	0.1134	0.0000	OK
600 minute winter	S3	585	186.364	0.152	9.5	0.1977	0.0000	OK
600 minute winter	S4	585	186.364	0.986	14.9	1.1713	0.0000	SURCHARGED
600 minute winter	S5	585	186.364	1.384	2.4	1.5652	0.0000	SURCHARGED
600 minute winter	S6	585	184.880	0.036	1.6	0.0411	0.0000	OK
600 minute winter	S7	840	184.779	0.000	0.0	0.0000	0.0000	OK
600 minute winter	S8	15	184.390	0.000	0.0	0.0000	0.0000	OK
600 minute winter	S9	315	184.236	0.036	0.0	0.0405	0.0000	OK
600 minute winter	S10	315	184.236	0.052	9.9	0.0790	0.0000	OK
600 minute winter	S11	315	186.431	0.031	1.1	0.0499	0.0000	OK
600 minute winter	S12	315	186.219	0.043	2.1	0.0485	0.0000	OK
600 minute winter	S13	315	186.071	0.037	4.1	0.0526	0.0000	OK
600 minute winter	S14	315	185.314	0.064	5.6	0.1001	0.0000	OK
600 minute winter	S15	315	184.909	0.042	7.3	0.0589	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	S1	1.000	J1	0.5	0.393	0.057	0.0107
600 minute winter	S2	1.012	J12	6.7	0.618	0.225	0.0163
600 minute winter	S3	1.019	J18	9.5	0.959	0.312	0.1558
600 minute winter	S4	1.022	BASIN 1	14.8	1.179	0.088	1.1778
600 minute winter	S5	1.024	SWALE 1	1.6	0.342	0.031	0.0973
600 minute winter	S6	1.026	BASIN 2	1.6	0.392	0.030	0.0241
600 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
600 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0284
600 minute winter	S9	1.031	S10	0.0	-0.025	0.000	0.0428
600 minute winter	S10	1.032	SWALE 3	9.9	0.892	0.055	0.0490
600 minute winter	S11	32.000	J28	1.1	0.507	0.185	0.0098
600 minute winter	S12	32.003	J30	2.1	0.470	0.157	0.0227
600 minute winter	S13	32.007	J33	4.1	1.218	0.126	0.0434
600 minute winter	S14	32.009	J34	5.6	0.832	0.324	0.0354
600 minute winter	S15	32.013	J37	7.1	0.901	0.077	0.0752

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.55%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S16	315	184.594	0.037	7.8	0.0463	0.0000	OK
600 minute winter	S17	585	186.364	0.364	0.3	0.4117	0.0000	SURCHARGED
600 minute winter	S18	585	186.364	0.703	2.4	0.9934	0.0000	SURCHARGED
600 minute winter	S19	585	186.364	0.873	4.3	1.1960	0.0000	SURCHARGED
600 minute winter	S20	330	184.668	0.025	0.8	0.0310	0.0000	OK
600 minute winter	S21	330	184.499	0.040	1.8	0.0471	0.0000	OK
600 minute winter	S22	345	184.350	0.063	3.7	0.0776	0.0000	OK
600 minute winter	S23	600	184.341	0.183	5.0	0.2161	0.0000	OK
600 minute winter	S24	600	184.336	0.359	10.4	0.5214	0.0000	SURCHARGED
600 minute winter	S25	630	184.335	0.409	10.9	0.4622	0.0000	SURCHARGED
600 minute winter	S26	345	185.394	0.017	0.5	0.0200	0.0000	OK
600 minute winter	FC1	345	188.423	0.173	0.4	0.2306	0.0000	SURCHARGED
600 minute winter	FC2	345	188.324	0.174	0.4	0.2311	0.0000	SURCHARGED
600 minute winter	FC3	330	188.662	0.462	0.7	0.6707	0.0000	SURCHARGED
600 minute winter	FC4	360	188.302	0.102	0.3	0.1316	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	S16	32.015	J38	7.8	0.901	0.053	0.0208
600 minute winter	S17	23.001	J20	0.3	0.277	0.045	0.0560
600 minute winter	S18	23.006	J24	2.4	0.477	0.174	0.0323
600 minute winter	S19	23.010	J27	4.0	0.457	0.135	0.3541
600 minute winter	S20	48.001	J41	0.8	0.507	0.132	0.0071
600 minute winter	S21	48.004	J43	1.8	0.637	0.301	0.0142
600 minute winter	S22	48.008	J46	3.7	0.520	0.273	0.0172
600 minute winter	S23	48.011	J48	5.0	0.433	0.161	0.0389
600 minute winter	S24	48.018	J56	10.4	0.505	0.194	0.2989
600 minute winter	S25	48.021	BASIN 4	10.9	0.661	0.198	0.2248
600 minute winter	S26	65.001	J54	0.5	0.598	0.057	0.0071
600 minute winter	FC1	2.000	J1	0.4	0.323	0.064	0.0064
600 minute winter	FC2	3.000	J2	0.4	0.212	0.067	0.0094
600 minute winter	FC3	4.000	J3	0.7	0.522	0.105	0.0120
600 minute winter	FC4	5.000	J4	0.3	0.466	0.040	0.0047

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.55%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC5	345	188.174	0.174	0.4	0.2318	0.0000	SURCHARGED
600 minute winter	FC6	360	187.951	0.101	0.3	0.1305	0.0000	SURCHARGED
600 minute winter	FC7	360	187.852	0.102	0.3	0.1322	0.0000	SURCHARGED
600 minute winter	FC8	345	187.920	0.170	0.4	0.2267	0.0000	SURCHARGED
600 minute winter	FC9	360	187.574	0.104	0.3	0.1338	0.0000	SURCHARGED
600 minute winter	FC10	330	187.824	0.354	0.6	0.4992	0.0000	SURCHARGED
600 minute winter	FC11	330	187.491	0.171	0.4	0.2245	0.0000	SURCHARGED
600 minute winter	FC12	330	187.401	0.171	0.4	0.2245	0.0000	SURCHARGED
600 minute winter	FC13	345	187.174	0.174	0.4	0.2316	0.0000	SURCHARGED
600 minute winter	FC14	360	187.011	0.111	0.4	1.4162	0.0000	SURCHARGED
600 minute winter	FC15	360	187.299	0.099	0.3	0.1280	0.0000	OK
600 minute winter	FC16	360	187.003	0.103	0.3	0.1330	0.0000	SURCHARGED
600 minute winter	FC17	360	187.099	0.099	0.3	0.1280	0.0000	OK
600 minute winter	FC18	360	186.654	0.104	0.3	0.1339	0.0000	SURCHARGED
600 minute winter	FC19	345	186.574	0.174	0.4	0.2317	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC5	6.000	J5	0.4	0.422	0.067	0.0039
600 minute winter	FC6	7.000	J6	0.3	0.512	0.035	0.0043
600 minute winter	FC7	8.000	J7	0.3	0.445	0.042	0.0049
600 minute winter	FC8	9.000	J8	0.4	0.598	0.041	0.0028
600 minute winter	FC9	10.000	J9	0.3	0.393	0.050	0.0055
600 minute winter	FC10	11.000	J10	0.6	0.513	0.088	0.0071
600 minute winter	FC11	12.000	J11	0.4	0.424	0.067	0.0072
600 minute winter	FC12	13.000	S2	0.4	0.424	0.067	0.0064
600 minute winter	FC13	14.000	J12	0.4	0.426	0.067	0.0064
600 minute winter	FC14	15.000	J13	0.3	0.397	0.052	0.0059
600 minute winter	FC15	16.000	J14	0.3	0.828	0.017	0.0017
600 minute winter	FC16	17.000	J15	0.3	0.417	0.046	0.0055
600 minute winter	FC17	18.000	J16	0.3	0.659	0.024	0.0022
600 minute winter	FC18	19.000	J17	0.3	0.391	0.051	0.0054
600 minute winter	FC19	20.000	S3	0.4	0.424	0.068	0.0062

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.55%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC20	345	187.117	0.167	0.4	0.2226	0.0000	SURCHARGED
600 minute winter	FC21	345	186.474	0.174	0.4	0.2316	0.0000	SURCHARGED
600 minute winter	FC22	360	186.533	0.083	0.3	0.8055	0.0000	OK
600 minute winter	FC23	360	186.403	0.103	0.3	0.1334	0.0000	SURCHARGED
600 minute winter	FC24	345	186.472	0.172	0.4	0.2292	0.0000	SURCHARGED
600 minute winter	FC25	345	186.717	0.167	0.4	0.2227	0.0000	SURCHARGED
600 minute winter	FC26	360	186.532	0.082	0.3	0.8289	0.0000	OK
600 minute winter	FC27	360	186.599	0.099	0.3	0.1280	0.0000	OK
600 minute winter	FC28	345	186.667	0.167	0.4	0.2227	0.0000	SURCHARGED
600 minute winter	FC29	330	186.749	0.249	0.5	0.3357	0.0000	SURCHARGED
600 minute winter	FC30	345	186.918	0.168	0.4	0.2233	0.0000	SURCHARGED
600 minute winter	FC31	360	186.551	0.101	0.3	0.1300	0.0000	SURCHARGED
600 minute winter	FC32	360	186.549	0.099	0.3	0.1280	0.0000	OK
600 minute winter	FC33	345	186.618	0.168	0.4	0.2235	0.0000	SURCHARGED
600 minute winter	FC34	345	186.624	0.174	0.4	0.2313	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC20	21.000	J18	0.4	0.851	0.025	0.0020
600 minute winter	FC21	22.000	J19	0.4	0.425	0.068	0.0502
600 minute winter	FC22	23.000	S17	0.3	0.540	0.014	0.0194
600 minute winter	FC23	24.000	J20	0.3	0.408	0.048	0.0301
600 minute winter	FC24	25.000	J21	0.4	0.496	0.054	0.0305
600 minute winter	FC25	26.000	J22	0.4	0.844	0.025	0.0189
600 minute winter	FC26	27.000	J23	0.3	0.664	0.020	0.0186
600 minute winter	FC27	28.000	J24	0.3	0.855	0.016	0.0181
600 minute winter	FC28	29.000	J25	0.4	0.849	0.025	0.0174
600 minute winter	FC29	30.000	J26	0.5	0.878	0.032	0.0189
600 minute winter	FC30	31.000	J27	0.4	0.793	0.027	0.0022
600 minute winter	FC31	33.000	J28	0.3	0.251	0.033	0.0061
600 minute winter	FC32	34.000	J29	0.3	0.223	0.024	0.0068
600 minute winter	FC33	35.000	S12	0.4	0.779	0.028	0.0021
600 minute winter	FC34	36.000	J30	0.4	0.436	0.065	0.0044

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.55%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC35	345	186.618	0.168	0.4	0.2234	0.0000	SURCHARGED
600 minute winter	FC36	330	186.698	0.248	0.5	0.3355	0.0000	SURCHARGED
600 minute winter	FC37	315	186.113	0.313	0.6	0.4356	0.0000	SURCHARGED
600 minute winter	FC38	360	185.528	0.078	0.3	0.9374	0.0000	OK
600 minute winter	FC39	360	185.549	0.099	0.3	0.1280	0.0000	OK
600 minute winter	FC40	345	185.667	0.167	0.4	0.2224	0.0000	SURCHARGED
600 minute winter	FC41	345	185.020	0.170	0.4	0.2259	0.0000	SURCHARGED
600 minute winter	FC42	345	184.771	0.171	0.4	0.2277	0.0000	SURCHARGED
600 minute winter	FC43	345	184.770	0.170	0.4	0.2257	0.0000	SURCHARGED
600 minute winter	FC44	270	184.612	0.012	0.3	0.0149	0.0000	OK
600 minute winter	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
600 minute winter	FC46	330	185.055	0.355	0.6	0.5003	0.0000	SURCHARGED
600 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute winter	FC48	345	184.968	0.168	0.4	0.2233	0.0000	SURCHARGED
600 minute winter	FC49	345	184.974	0.174	0.4	0.2318	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC35	37.000	J31	0.4	0.784	0.028	0.0026
600 minute winter	FC36	38.000	J32	0.5	0.895	0.031	0.0028
600 minute winter	FC37	39.000	J33	0.5	0.618	0.062	0.0058
600 minute winter	FC38	40.000	J34	0.3	0.632	0.021	0.0019
600 minute winter	FC39	41.000	J35	0.3	0.727	0.021	0.0018
600 minute winter	FC40	42.000	J36	0.4	0.965	0.021	0.0021
600 minute winter	FC41	43.000	J37	0.4	0.633	0.038	0.0032
600 minute winter	FC42	44.000	J38	0.4	0.552	0.046	0.0036
600 minute winter	FC43	45.000	J39	0.4	0.645	0.037	0.0027
600 minute winter	FC44	46.000	J40	0.3	0.609	0.027	0.0022
600 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
600 minute winter	FC46	48.000	S20	0.6	0.418	0.098	0.0084
600 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0040
600 minute winter	FC48	50.000	J42	0.4	0.336	0.029	0.0063
600 minute winter	FC49	51.000	S21	0.4	0.423	0.067	0.0041

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.55%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC50	345	184.974	0.174	0.4	0.2318	0.0000	SURCHARGED
600 minute winter	FC51	345	185.024	0.174	0.4	0.2317	0.0000	SURCHARGED
600 minute winter	FC52	345	185.508	0.258	0.5	0.3535	0.0000	SURCHARGED
600 minute winter	FC53	345	185.421	0.171	0.4	0.2271	0.0000	SURCHARGED
600 minute winter	FC54	360	185.350	0.100	0.3	0.1290	0.0000	OK
600 minute winter	FC55	360	185.349	0.099	0.3	0.1280	0.0000	OK
600 minute winter	FC56	345	185.517	0.167	0.4	0.2228	0.0000	SURCHARGED
600 minute winter	FC57	345	185.518	0.168	0.4	0.2234	0.0000	SURCHARGED
600 minute winter	FC58	360	185.449	0.099	0.3	0.1280	0.0000	OK
600 minute winter	FC59	360	185.449	0.099	0.3	0.1281	0.0000	OK
600 minute winter	FC60	345	185.519	0.169	0.4	0.2248	0.0000	SURCHARGED
600 minute winter	FC61	345	185.471	0.171	0.4	0.2276	0.0000	SURCHARGED
600 minute winter	FC62	345	185.614	0.364	0.6	0.5206	0.0000	SURCHARGED
600 minute winter	FC63	360	185.504	0.104	0.3	0.1344	0.0000	SURCHARGED
600 minute winter	FC64	345	185.174	0.174	0.4	0.2312	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC50	52.000	J43	0.4	0.423	0.067	0.0044
600 minute winter	FC51	55.000	S22	0.4	0.424	0.068	0.0058
600 minute winter	FC52	58.000	S23	0.5	0.657	0.049	0.0041
600 minute winter	FC53	61.000	J50	0.4	0.580	0.043	0.0029
600 minute winter	FC54	62.000	J51	0.3	0.590	0.028	0.0020
600 minute winter	FC55	64.000	J53	0.3	0.743	0.020	0.0017
600 minute winter	FC56	53.000	J44	0.4	0.833	0.026	0.0032
600 minute winter	FC57	54.000	J45	0.4	0.782	0.028	0.0033
600 minute winter	FC58	56.000	J46	0.3	0.691	0.022	0.0027
600 minute winter	FC59	57.000	J47	0.3	0.641	0.025	0.0030
600 minute winter	FC60	59.000	J48	0.4	0.691	0.034	0.0038
600 minute winter	FC61	60.000	J49	0.4	0.555	0.046	0.0053
600 minute winter	FC62	63.000	J52	0.6	0.573	0.077	0.0097
600 minute winter	FC63	65.000	S26	0.3	0.393	0.051	0.0020
600 minute winter	FC64	66.000	J54	0.4	0.303	0.068	0.0030

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.55%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC65	345	185.317	0.167	0.4	0.2224	0.0000	SURCHARGED
600 minute winter	FC66	345	185.173	0.173	0.4	0.2301	0.0000	SURCHARGED
600 minute winter	FC67	360	184.884	0.084	0.3	0.8673	0.0000	OK
600 minute winter	FC68	360	184.651	0.101	0.3	0.1306	0.0000	SURCHARGED
600 minute winter	J1	330	188.228	0.028	1.4	0.0377	0.0000	OK
600 minute winter	J2	330	188.149	0.043	1.8	0.0487	0.0000	OK
600 minute winter	J3	330	188.090	0.044	2.5	0.0500	0.0000	OK
600 minute winter	J4	330	188.066	0.031	2.8	0.0354	0.0000	OK
600 minute winter	J5	330	187.939	0.029	3.2	0.0330	0.0000	OK
600 minute winter	J6	330	187.692	0.042	3.5	0.0472	0.0000	OK
600 minute winter	J7	330	187.654	0.054	3.8	0.0613	0.0000	OK
600 minute winter	J8	330	187.632	0.039	4.2	0.0444	0.0000	OK
600 minute winter	J9	330	187.330	0.055	4.5	0.0617	0.0000	OK
600 minute winter	J10	330	187.302	0.032	5.1	0.0360	0.0000	OK
600 minute winter	J11	330	187.167	0.046	5.4	0.0523	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC65	67.000	J55	0.4	0.322	0.021	0.0029
600 minute winter	FC66	68.000	S24	0.4	0.476	0.055	0.0018
600 minute winter	FC67	69.000	J56	0.3	0.369	0.045	0.0015
600 minute winter	FC68	70.000	J57	0.3	0.515	0.033	0.0013
600 minute winter	J1	1.001	J2	1.4	0.562	0.169	0.0126
600 minute winter	J2	1.002	J3	1.8	0.606	0.303	0.0031
600 minute winter	J3	1.003	J4	2.5	0.711	0.186	0.0068
600 minute winter	J4	1.004	J5	2.8	1.092	0.082	0.0090
600 minute winter	J5	1.005	J6	3.2	0.995	0.083	0.0182
600 minute winter	J6	1.006	J7	3.5	0.714	0.122	0.0096
600 minute winter	J7	1.007	J8	3.8	0.804	0.270	0.0053
600 minute winter	J8	1.008	J9	4.2	1.168	0.138	0.0301
600 minute winter	J9	1.009	J10	4.5	0.848	0.135	0.0065
600 minute winter	J10	1.010	J11	5.0	1.099	0.039	0.0113
600 minute winter	J11	1.011	S2	5.4	0.618	0.084	0.0479

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.55%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J12	330	186.860	0.051	7.1	0.0573	0.0000	OK
600 minute winter	J13	330	186.793	0.091	7.4	0.1029	0.0000	OK
600 minute winter	J14	330	186.782	0.087	7.7	0.0982	0.0000	OK
600 minute winter	J15	330	186.766	0.078	8.0	0.0887	0.0000	OK
600 minute winter	J16	330	186.734	0.064	8.3	0.0721	0.0000	OK
600 minute winter	J17	330	186.399	0.041	8.6	0.0468	0.0000	OK
600 minute winter	J18	585	186.364	0.170	9.9	0.1923	0.0000	OK
600 minute winter	J19	600	186.366	0.339	10.3	0.3830	0.0000	SURCHARGED
600 minute winter	J20	585	186.364	0.433	0.6	0.4898	0.0000	SURCHARGED
600 minute winter	J21	585	186.364	0.469	1.0	0.5305	0.0000	SURCHARGED
600 minute winter	J22	585	186.364	0.546	1.4	0.6176	0.0000	SURCHARGED
600 minute winter	J23	585	186.364	0.581	1.6	0.6572	0.0000	SURCHARGED
600 minute winter	J24	585	186.364	0.714	2.7	0.8075	0.0000	SURCHARGED
600 minute winter	J25	585	186.364	0.749	3.0	0.8471	0.0000	SURCHARGED
600 minute winter	J26	585	186.364	0.777	3.7	0.8788	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J12	1.013	J13	7.1	0.667	0.106	0.0703
600 minute winter	J13	1.014	J14	7.4	0.509	0.237	0.0276
600 minute winter	J14	1.015	J15	7.7	0.585	0.247	0.0253
600 minute winter	J15	1.016	J16	8.0	0.747	0.262	0.0552
600 minute winter	J16	1.017	J17	8.3	0.982	0.138	0.0285
600 minute winter	J17	1.018	S3	8.6	0.981	0.059	0.0280
600 minute winter	J18	1.020	J19	9.9	1.639	0.076	0.0536
600 minute winter	J19	1.021	S4	10.3	0.652	0.187	0.3096
600 minute winter	J20	23.002	J21	0.6	0.383	0.095	0.0295
600 minute winter	J21	23.003	J22	1.0	0.461	0.161	0.0627
600 minute winter	J22	23.004	J23	1.3	0.549	0.225	0.0281
600 minute winter	J23	23.005	S18	1.5	0.621	0.262	0.0587
600 minute winter	J24	23.007	J25	2.7	0.505	0.201	0.1088
600 minute winter	J25	23.008	J26	3.2	0.511	0.237	0.0874
600 minute winter	J26	23.009	S19	3.4	0.587	0.254	0.0652

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.55%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J27	600	186.365	0.904	4.4	1.0220	0.0000	SURCHARGED
600 minute winter	J28	315	186.390	0.034	1.4	0.0381	0.0000	OK
600 minute winter	J29	315	186.310	0.039	1.7	0.0439	0.0000	OK
600 minute winter	J30	315	186.195	0.047	2.5	0.0537	0.0000	OK
600 minute winter	J31	315	186.168	0.049	2.9	0.0557	0.0000	OK
600 minute winter	J32	315	186.117	0.053	3.4	0.0597	0.0000	OK
600 minute winter	J33	315	185.647	0.037	4.6	0.0413	0.0000	OK
600 minute winter	J34	315	185.186	0.061	5.9	0.0694	0.0000	OK
600 minute winter	J35	315	185.115	0.040	6.2	0.0452	0.0000	OK
600 minute winter	J36	315	184.943	0.068	6.5	0.0765	0.0000	OK
600 minute winter	J37	315	184.647	0.072	7.5	0.0817	0.0000	OK
600 minute winter	J38	315	184.461	0.086	8.2	0.0968	0.0000	OK
600 minute winter	J39	315	184.423	0.085	8.6	0.0965	0.0000	OK
600 minute winter	J40	315	184.399	0.074	8.9	0.0832	0.0000	OK
600 minute winter	J41	330	184.622	0.025	0.8	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J27	23.011	S4	4.3	0.526	0.143	0.0951
600 minute winter	J28	32.001	J29	1.4	0.547	0.236	0.0226
600 minute winter	J29	32.002	S12	1.7	0.630	0.286	0.0126
600 minute winter	J30	32.004	J31	2.5	0.508	0.188	0.0244
600 minute winter	J31	32.005	J32	2.9	0.546	0.217	0.0514
600 minute winter	J32	32.006	S13	3.4	0.762	0.253	0.0236
600 minute winter	J33	32.008	S14	4.6	0.898	0.130	0.0474
600 minute winter	J34	32.010	J35	5.9	0.877	0.152	0.0609
600 minute winter	J35	32.011	J36	6.1	0.849	0.069	0.0508
600 minute winter	J36	32.012	S15	6.7	0.904	0.223	0.0180
600 minute winter	J37	32.014	S16	7.5	1.021	0.248	0.0393
600 minute winter	J38	32.016	J39	8.2	0.596	0.273	0.1494
600 minute winter	J39	32.017	J40	8.6	0.689	0.280	0.0458
600 minute winter	J40	32.018	S10	8.9	0.828	0.207	0.1032
600 minute winter	J41	48.002	J42	0.8	0.445	0.132	0.0109

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.55%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J42	330	184.567	0.030	1.2	0.0343	0.0000	OK
600 minute winter	J43	330	184.407	0.047	2.2	0.0528	0.0000	OK
600 minute winter	J44	330	184.395	0.045	2.6	0.0508	0.0000	OK
600 minute winter	J45	330	184.359	0.059	3.0	0.0664	0.0000	OK
600 minute winter	J46	600	184.338	0.066	4.0	0.0751	0.0000	OK
600 minute winter	J47	600	184.339	0.091	4.3	0.1024	0.0000	OK
600 minute winter	J48	600	184.338	0.184	5.4	0.2077	0.0000	OK
600 minute winter	J49	585	184.334	0.205	5.8	0.2323	0.0000	OK
600 minute winter	J50	600	184.344	0.219	6.2	0.2479	0.0000	OK
600 minute winter	J51	585	184.334	0.226	6.5	0.2561	0.0000	SURCHARGED
600 minute winter	J52	615	184.347	0.243	28.0	0.2748	0.0000	SURCHARGED
600 minute winter	J53	585	184.334	0.247	7.4	0.2798	0.0000	SURCHARGED
600 minute winter	J54	345	185.007	0.028	0.9	0.0315	0.0000	OK
600 minute winter	J55	345	184.977	0.033	1.3	0.0373	0.0000	OK
600 minute winter	J56	630	184.337	0.369	10.6	0.4179	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J42	48.003	S21	1.2	0.484	0.200	0.0200
600 minute winter	J43	48.005	J44	2.2	0.478	0.156	0.0073
600 minute winter	J44	48.006	J45	2.6	0.477	0.193	0.0474
600 minute winter	J45	48.007	S22	3.0	0.441	0.219	0.0160
600 minute winter	J46	48.009	J47	4.0	0.557	0.298	0.0396
600 minute winter	J47	48.010	S23	4.3	0.632	0.320	0.0326
600 minute winter	J48	48.012	J49	5.4	0.434	0.179	0.2700
600 minute winter	J49	48.013	J50	5.8	0.432	0.188	0.0438
600 minute winter	J50	48.014	J51	6.2	0.455	0.206	0.2006
600 minute winter	J51	48.015	J52	23.0	0.579	0.751	0.0451
600 minute winter	J52	48.016	J53	7.1	0.556	0.231	0.1938
600 minute winter	J53	48.017	S24	7.4	0.645	0.244	0.4079
600 minute winter	J54	65.002	J55	0.9	0.448	0.152	0.0073
600 minute winter	J55	65.003	S24	1.3	0.592	0.220	0.0173
600 minute winter	J56	48.019	J57	10.6	0.530	0.196	0.6398

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Results for 30 year +35% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.55%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J57	600	184.336	0.391	10.9	0.4419	0.0000	SURCHARGED
600 minute winter	BASIN 1	585	186.364	1.364	14.8	193.1293	0.0000	SURCHARGED
600 minute winter	BASIN 2	840	184.832	0.531	1.6	53.3158	0.0000	OK
600 minute winter	BASIN 3	615	183.305	0.205	9.9	144.1375	0.0000	OK
600 minute winter	BASIN 4	600	184.336	1.006	10.9	151.7396	0.0000	SURCHARGED
600 minute winter	SWALE 1	585	184.968	0.036	1.6	0.0407	0.0000	OK
600 minute winter	SWALE 2	15	184.450	0.000	0.0	0.0000	0.0000	OK
600 minute winter	SWALE 3	315	184.148	0.077	9.9	0.0876	0.0000	OK
600 minute winter	BH1	840	184.831	0.754	0.6	2.9893	0.0000	OK
600 minute winter	BH2	615	183.305	0.253	1.0	2.8613	0.0000	OK
600 minute winter	BH3	600	184.336	1.030	1.7	6.4093	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J57	48.020	S25	10.9	0.570	0.202	0.5574
600 minute winter	BASIN 1	1.023	S5	2.4	0.074	0.044	0.6013
600 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0006
600 minute winter	BASIN 2	71.000	BH1	0.6	0.416	0.095	0.1829
600 minute winter	BASIN 3	1.034	BH2	1.0	0.263	0.012	1.8978
600 minute winter	BASIN 4	48.022	BH3	1.7	0.458	0.031	0.7181
600 minute winter	SWALE 1	1.025	S6	1.6	0.342	0.031	0.1808
600 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
600 minute winter	SWALE 3	1.033	BASIN 3	9.9	0.707	0.143	0.6065
600 minute winter	BH1	Infiltration		0.1			
600 minute winter	BH2	Infiltration		0.2			
600 minute winter	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S1	375	188.388	0.018	0.6	0.0241	0.0000	OK
720 minute summer	S2	375	187.122	0.083	7.8	0.1227	0.0000	OK
720 minute summer	S3	375	186.301	0.089	11.2	0.1153	0.0000	OK
720 minute summer	S4	645	186.226	0.848	17.2	1.0079	0.0000	SURCHARGED
720 minute summer	S5	660	186.226	1.246	1.6	1.4092	0.0000	SURCHARGED
720 minute summer	S6	660	184.880	0.035	1.6	0.0401	0.0000	OK
720 minute summer	S7	960	184.791	0.012	0.5	0.0136	0.0000	OK
720 minute summer	S8	960	184.402	0.012	0.4	0.0134	0.0000	OK
720 minute summer	S9	375	184.242	0.041	0.4	0.0469	0.0000	OK
720 minute summer	S10	375	184.242	0.057	11.8	0.0877	0.0000	OK
720 minute summer	S11	375	186.434	0.034	1.3	0.0548	0.0000	OK
720 minute summer	S12	375	186.224	0.047	2.5	0.0537	0.0000	OK
720 minute summer	S13	375	186.075	0.041	4.8	0.0576	0.0000	OK
720 minute summer	S14	375	185.320	0.070	6.6	0.1105	0.0000	OK
720 minute summer	S15	375	184.913	0.046	8.7	0.0641	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	S1	1.000	J1	0.6	0.416	0.069	0.0122
720 minute summer	S2	1.012	J12	7.8	0.644	0.262	0.0181
720 minute summer	S3	1.019	J18	11.2	0.996	0.365	0.0580
720 minute summer	S4	1.022	BASIN 1	17.0	0.917	0.102	1.1778
720 minute summer	S5	1.024	SWALE 1	1.6	0.337	0.029	0.0936
720 minute summer	S6	1.026	BASIN 2	1.6	0.385	0.029	0.0233
720 minute summer	S7	1.028	SWALE 2	0.4	0.300	0.003	0.0255
720 minute summer	S8	1.030	S9	0.4	0.304	0.003	0.0352
720 minute summer	S9	1.031	S10	0.4	0.314	0.007	0.0510
720 minute summer	S10	1.032	SWALE 3	11.8	0.928	0.066	0.0561
720 minute summer	S11	32.000	J28	1.3	0.529	0.219	0.0112
720 minute summer	S12	32.003	J30	2.5	0.489	0.187	0.0260
720 minute summer	S13	32.007	J33	4.8	1.282	0.150	0.0491
720 minute summer	S14	32.009	J34	6.6	0.867	0.383	0.0401
720 minute summer	S15	32.013	J37	8.5	0.950	0.092	0.0846

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S16	375	184.598	0.041	9.4	0.0519	0.0000	OK
720 minute summer	S17	675	186.227	0.227	0.3	0.2565	0.0000	SURCHARGED
720 minute summer	S18	645	186.226	0.565	2.9	0.7978	0.0000	SURCHARGED
720 minute summer	S19	630	186.225	0.734	4.9	1.0049	0.0000	SURCHARGED
720 minute summer	S20	375	184.670	0.028	0.9	0.0337	0.0000	OK
720 minute summer	S21	375	184.502	0.043	2.0	0.0507	0.0000	OK
720 minute summer	S22	375	184.356	0.070	4.2	0.0850	0.0000	OK
720 minute summer	S23	690	184.246	0.088	5.8	0.1037	0.0000	OK
720 minute summer	S24	750	184.244	0.267	12.1	0.3875	0.0000	OK
720 minute summer	S25	690	184.245	0.319	12.7	0.3613	0.0000	SURCHARGED
720 minute summer	S26	375	185.395	0.018	0.6	0.0214	0.0000	OK
720 minute summer	FC1	375	188.473	0.223	0.5	0.2966	0.0000	SURCHARGED
720 minute summer	FC2	375	188.373	0.223	0.5	0.2971	0.0000	SURCHARGED
720 minute summer	FC3	390	188.724	0.524	0.8	0.7603	0.0000	SURCHARGED
720 minute summer	FC4	375	188.353	0.153	0.4	0.1976	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	S16	32.015	J38	9.4	0.929	0.064	0.0240
720 minute summer	S17	23.001	J20	0.3	0.281	0.047	0.0560
720 minute summer	S18	23.006	J24	2.7	0.488	0.199	0.0323
720 minute summer	S19	23.010	J27	4.6	0.455	0.154	0.3541
720 minute summer	S20	48.001	J41	0.9	0.527	0.154	0.0080
720 minute summer	S21	48.004	J43	2.0	0.659	0.342	0.0157
720 minute summer	S22	48.008	J46	4.2	0.532	0.315	0.0193
720 minute summer	S23	48.011	J48	5.8	0.442	0.188	0.0165
720 minute summer	S24	48.018	J56	12.1	0.523	0.226	0.2846
720 minute summer	S25	48.021	BASIN 4	12.7	0.691	0.229	0.2248
720 minute summer	S26	65.001	J54	0.6	0.623	0.066	0.0079
720 minute summer	FC1	2.000	J1	0.5	0.324	0.074	0.0072
720 minute summer	FC2	3.000	J2	0.5	0.212	0.077	0.0106
720 minute summer	FC3	4.000	J3	0.7	0.531	0.112	0.0126
720 minute summer	FC4	5.000	J4	0.4	0.497	0.049	0.0055

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC5	375	188.224	0.224	0.5	0.2978	0.0000	SURCHARGED
720 minute summer	FC6	375	188.002	0.152	0.4	0.1965	0.0000	SURCHARGED
720 minute summer	FC7	375	187.904	0.154	0.4	0.1982	0.0000	SURCHARGED
720 minute summer	FC8	375	187.970	0.220	0.5	0.2927	0.0000	SURCHARGED
720 minute summer	FC9	375	187.625	0.155	0.4	0.2000	0.0000	SURCHARGED
720 minute summer	FC10	390	187.880	0.410	0.7	0.5780	0.0000	SURCHARGED
720 minute summer	FC11	375	187.544	0.224	0.5	0.2941	0.0000	SURCHARGED
720 minute summer	FC12	375	187.454	0.224	0.5	0.2941	0.0000	SURCHARGED
720 minute summer	FC13	375	187.224	0.224	0.5	0.2975	0.0000	SURCHARGED
720 minute summer	FC14	405	187.004	0.104	0.5	1.3329	0.0000	SURCHARGED
720 minute summer	FC15	375	187.350	0.150	0.4	0.1930	0.0000	SURCHARGED
720 minute summer	FC16	375	187.054	0.154	0.4	0.1991	0.0000	SURCHARGED
720 minute summer	FC17	375	187.150	0.150	0.4	0.1939	0.0000	SURCHARGED
720 minute summer	FC18	375	186.705	0.155	0.4	0.2000	0.0000	SURCHARGED
720 minute summer	FC19	375	186.624	0.224	0.5	0.2976	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC5	6.000	J5	0.5	0.439	0.077	0.0043
720 minute summer	FC6	7.000	J6	0.4	0.546	0.043	0.0050
720 minute summer	FC7	8.000	J7	0.4	0.475	0.053	0.0057
720 minute summer	FC8	9.000	J8	0.5	0.622	0.047	0.0031
720 minute summer	FC9	10.000	J9	0.4	0.419	0.063	0.0064
720 minute summer	FC10	11.000	J10	0.6	0.524	0.095	0.0075
720 minute summer	FC11	12.000	J11	0.5	0.442	0.077	0.0080
720 minute summer	FC12	13.000	S2	0.5	0.442	0.077	0.0071
720 minute summer	FC13	14.000	J12	0.5	0.443	0.077	0.0070
720 minute summer	FC14	15.000	J13	0.3	0.393	0.051	0.0058
720 minute summer	FC15	16.000	J14	0.4	0.884	0.022	0.0020
720 minute summer	FC16	17.000	J15	0.4	0.445	0.058	0.0064
720 minute summer	FC17	18.000	J16	0.4	0.703	0.030	0.0026
720 minute summer	FC18	19.000	J17	0.4	0.417	0.063	0.0063
720 minute summer	FC19	20.000	S3	0.5	0.440	0.077	0.0068

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC20	375	187.167	0.217	0.5	0.2891	0.0000	SURCHARGED
720 minute summer	FC21	375	186.524	0.224	0.5	0.2975	0.0000	SURCHARGED
720 minute summer	FC22	405	186.537	0.087	0.4	0.8454	0.0000	OK
720 minute summer	FC23	375	186.455	0.155	0.4	0.1995	0.0000	SURCHARGED
720 minute summer	FC24	375	186.522	0.222	0.5	0.2952	0.0000	SURCHARGED
720 minute summer	FC25	375	186.767	0.217	0.5	0.2891	0.0000	SURCHARGED
720 minute summer	FC26	405	186.536	0.086	0.4	0.8666	0.0000	OK
720 minute summer	FC27	375	186.650	0.150	0.4	0.1930	0.0000	SURCHARGED
720 minute summer	FC28	375	186.717	0.217	0.5	0.2891	0.0000	SURCHARGED
720 minute summer	FC29	390	186.801	0.301	0.6	0.4070	0.0000	SURCHARGED
720 minute summer	FC30	375	186.968	0.218	0.5	0.2896	0.0000	SURCHARGED
720 minute summer	FC31	375	186.602	0.152	0.4	0.1959	0.0000	SURCHARGED
720 minute summer	FC32	375	186.600	0.150	0.4	0.1936	0.0000	SURCHARGED
720 minute summer	FC33	375	186.668	0.218	0.5	0.2898	0.0000	SURCHARGED
720 minute summer	FC34	375	186.673	0.223	0.5	0.2972	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC20	21.000	J18	0.5	0.885	0.028	0.0022
720 minute summer	FC21	22.000	J19	0.5	0.441	0.077	0.0079
720 minute summer	FC22	23.000	S17	0.3	0.547	0.015	0.0193
720 minute summer	FC23	24.000	J20	0.4	0.434	0.059	0.0040
720 minute summer	FC24	25.000	J21	0.5	0.515	0.061	0.0041
720 minute summer	FC25	26.000	J22	0.5	0.878	0.029	0.0025
720 minute summer	FC26	27.000	J23	0.3	0.669	0.021	0.0019
720 minute summer	FC27	28.000	J24	0.4	0.912	0.021	0.0178
720 minute summer	FC28	29.000	J25	0.5	0.883	0.029	0.0053
720 minute summer	FC29	30.000	J26	0.5	0.905	0.035	0.0050
720 minute summer	FC30	31.000	J27	0.5	0.825	0.031	0.0024
720 minute summer	FC31	33.000	J28	0.4	0.249	0.042	0.0070
720 minute summer	FC32	34.000	J29	0.4	0.222	0.030	0.0078
720 minute summer	FC33	35.000	S12	0.5	0.811	0.032	0.0023
720 minute summer	FC34	36.000	J30	0.5	0.453	0.074	0.0048

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC35	375	186.668	0.218	0.5	0.2897	0.0000	SURCHARGED
720 minute summer	FC36	390	186.751	0.301	0.6	0.4068	0.0000	SURCHARGED
720 minute summer	FC37	375	186.175	0.375	0.7	0.5214	0.0000	SURCHARGED
720 minute summer	FC38	405	185.530	0.080	0.4	0.9629	0.0000	OK
720 minute summer	FC39	375	185.600	0.150	0.4	0.1932	0.0000	SURCHARGED
720 minute summer	FC40	375	185.717	0.217	0.5	0.2886	0.0000	SURCHARGED
720 minute summer	FC41	375	185.069	0.219	0.5	0.2919	0.0000	SURCHARGED
720 minute summer	FC42	375	184.821	0.221	0.5	0.2937	0.0000	SURCHARGED
720 minute summer	FC43	375	184.819	0.219	0.5	0.2917	0.0000	SURCHARGED
720 minute summer	FC44	375	184.613	0.013	0.4	0.0171	0.0000	OK
720 minute summer	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
720 minute summer	FC46	390	185.110	0.410	0.7	0.5790	0.0000	SURCHARGED
720 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute summer	FC48	375	185.018	0.218	0.5	0.2896	0.0000	SURCHARGED
720 minute summer	FC49	375	185.024	0.224	0.5	0.2978	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC35	37.000	J31	0.5	0.816	0.032	0.0029
720 minute summer	FC36	38.000	J32	0.5	0.922	0.034	0.0030
720 minute summer	FC37	39.000	J33	0.6	0.635	0.068	0.0062
720 minute summer	FC38	40.000	J34	0.3	0.635	0.021	0.0020
720 minute summer	FC39	41.000	J35	0.4	0.776	0.026	0.0021
720 minute summer	FC40	42.000	J36	0.5	1.005	0.024	0.0023
720 minute summer	FC41	43.000	J37	0.5	0.658	0.044	0.0035
720 minute summer	FC42	44.000	J38	0.5	0.574	0.053	0.0039
720 minute summer	FC43	45.000	J39	0.5	0.670	0.042	0.0030
720 minute summer	FC44	46.000	J40	0.4	0.664	0.036	0.0026
720 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
720 minute summer	FC46	48.000	S20	0.6	0.429	0.106	0.0091
720 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0045
720 minute summer	FC48	50.000	J42	0.5	0.352	0.033	0.0070
720 minute summer	FC49	51.000	S21	0.5	0.439	0.077	0.0045

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC50	375	185.024	0.224	0.5	0.2977	0.0000	SURCHARGED
720 minute summer	FC51	375	185.074	0.224	0.5	0.2976	0.0000	SURCHARGED
720 minute summer	FC52	390	185.553	0.303	0.6	0.4160	0.0000	SURCHARGED
720 minute summer	FC53	375	185.470	0.220	0.5	0.2931	0.0000	SURCHARGED
720 minute summer	FC54	375	185.401	0.151	0.4	0.1949	0.0000	SURCHARGED
720 minute summer	FC55	375	185.400	0.150	0.4	0.1931	0.0000	SURCHARGED
720 minute summer	FC56	375	185.567	0.217	0.5	0.2892	0.0000	SURCHARGED
720 minute summer	FC57	375	185.568	0.218	0.5	0.2897	0.0000	SURCHARGED
720 minute summer	FC58	375	185.500	0.150	0.4	0.1935	0.0000	SURCHARGED
720 minute summer	FC59	375	185.500	0.150	0.4	0.1941	0.0000	SURCHARGED
720 minute summer	FC60	375	185.569	0.219	0.5	0.2909	0.0000	SURCHARGED
720 minute summer	FC61	375	185.521	0.221	0.5	0.2936	0.0000	SURCHARGED
720 minute summer	FC62	390	185.721	0.471	0.8	0.6741	0.0000	SURCHARGED
720 minute summer	FC63	375	185.555	0.155	0.4	0.2006	0.0000	SURCHARGED
720 minute summer	FC64	375	185.223	0.223	0.5	0.2971	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC50	52.000	J43	0.5	0.439	0.077	0.0049
720 minute summer	FC51	55.000	S22	0.5	0.441	0.077	0.0064
720 minute summer	FC52	58.000	S23	0.5	0.673	0.054	0.0044
720 minute summer	FC53	61.000	J50	0.5	0.603	0.049	0.0032
720 minute summer	FC54	62.000	J51	0.4	0.631	0.035	0.0024
720 minute summer	FC55	64.000	J53	0.4	0.794	0.025	0.0020
720 minute summer	FC56	53.000	J44	0.5	0.867	0.030	0.0035
720 minute summer	FC57	54.000	J45	0.5	0.814	0.032	0.0036
720 minute summer	FC58	56.000	J46	0.4	0.738	0.028	0.0032
720 minute summer	FC59	57.000	J47	0.4	0.685	0.031	0.0035
720 minute summer	FC60	59.000	J48	0.5	0.719	0.039	0.0042
720 minute summer	FC61	60.000	J49	0.5	0.577	0.053	0.0058
720 minute summer	FC62	63.000	J52	0.7	0.596	0.089	0.0107
720 minute summer	FC63	65.000	S26	0.4	0.402	0.063	0.0023
720 minute summer	FC64	66.000	J54	0.5	0.309	0.077	0.0033

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC65	375	185.367	0.217	0.5	0.2886	0.0000	SURCHARGED
720 minute summer	FC66	375	185.223	0.222	0.5	0.2961	0.0000	SURCHARGED
720 minute summer	FC67	405	184.887	0.087	0.4	0.8986	0.0000	OK
720 minute summer	FC68	375	184.702	0.152	0.4	0.1966	0.0000	SURCHARGED
720 minute summer	J1	375	188.231	0.031	1.7	0.0416	0.0000	OK
720 minute summer	J2	375	188.153	0.047	2.1	0.0535	0.0000	OK
720 minute summer	J3	375	188.093	0.047	2.8	0.0534	0.0000	OK
720 minute summer	J4	375	188.069	0.034	3.2	0.0382	0.0000	OK
720 minute summer	J5	375	187.941	0.031	3.6	0.0354	0.0000	OK
720 minute summer	J6	375	187.696	0.046	4.0	0.0518	0.0000	OK
720 minute summer	J7	375	187.659	0.059	4.4	0.0664	0.0000	OK
720 minute summer	J8	375	187.636	0.043	4.8	0.0481	0.0000	OK
720 minute summer	J9	375	187.335	0.060	5.2	0.0673	0.0000	OK
720 minute summer	J10	375	187.305	0.034	5.8	0.0390	0.0000	OK
720 minute summer	J11	375	187.171	0.050	6.3	0.0566	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC65	67.000	J55	0.5	0.334	0.025	0.0032
720 minute summer	FC66	68.000	S24	0.5	0.494	0.063	0.0020
720 minute summer	FC67	69.000	J56	0.3	0.372	0.046	0.0015
720 minute summer	FC68	70.000	J57	0.4	0.548	0.042	0.0016
720 minute summer	J1	1.001	J2	1.7	0.586	0.200	0.0143
720 minute summer	J2	1.002	J3	2.1	0.632	0.356	0.0035
720 minute summer	J3	1.003	J4	2.8	0.732	0.211	0.0075
720 minute summer	J4	1.004	J5	3.2	1.133	0.095	0.0099
720 minute summer	J5	1.005	J6	3.6	1.017	0.095	0.0204
720 minute summer	J6	1.006	J7	4.0	0.734	0.141	0.0108
720 minute summer	J7	1.007	J8	4.4	0.838	0.314	0.0059
720 minute summer	J8	1.008	J9	4.8	1.216	0.160	0.0336
720 minute summer	J9	1.009	J10	5.2	0.867	0.156	0.0073
720 minute summer	J10	1.010	J11	5.8	1.129	0.045	0.0127
720 minute summer	J11	1.011	S2	6.3	0.637	0.097	0.0535

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J12	375	186.864	0.055	8.3	0.0624	0.0000	OK
720 minute summer	J13	375	186.801	0.099	8.5	0.1117	0.0000	OK
720 minute summer	J14	375	186.789	0.094	8.9	0.1064	0.0000	OK
720 minute summer	J15	375	186.773	0.085	9.3	0.0959	0.0000	OK
720 minute summer	J16	375	186.739	0.069	9.7	0.0783	0.0000	OK
720 minute summer	J17	375	186.404	0.046	10.0	0.0516	0.0000	OK
720 minute summer	J18	375	186.252	0.058	11.6	0.0655	0.0000	OK
720 minute summer	J19	645	186.226	0.199	12.1	0.2253	0.0000	OK
720 minute summer	J20	660	186.229	0.298	0.7	0.3373	0.0000	SURCHARGED
720 minute summer	J21	645	186.226	0.331	1.1	0.3743	0.0000	SURCHARGED
720 minute summer	J22	645	186.227	0.409	1.5	0.4626	0.0000	SURCHARGED
720 minute summer	J23	660	186.228	0.445	1.8	0.5029	0.0000	SURCHARGED
720 minute summer	J24	645	186.225	0.575	3.1	0.6508	0.0000	SURCHARGED
720 minute summer	J25	660	186.233	0.618	3.4	0.6988	0.0000	SURCHARGED
720 minute summer	J26	660	186.229	0.642	3.9	0.7265	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J12	1.013	J13	8.3	0.690	0.123	0.0786
720 minute summer	J13	1.014	J14	8.5	0.526	0.272	0.0308
720 minute summer	J14	1.015	J15	8.9	0.607	0.285	0.0281
720 minute summer	J15	1.016	J16	9.3	0.774	0.303	0.0615
720 minute summer	J16	1.017	J17	9.6	1.020	0.160	0.0318
720 minute summer	J17	1.018	S3	10.0	1.009	0.069	0.0191
720 minute summer	J18	1.020	J19	11.6	1.696	0.089	0.0195
720 minute summer	J19	1.021	S4	12.1	0.681	0.219	0.2252
720 minute summer	J20	23.002	J21	0.6	0.394	0.107	0.0295
720 minute summer	J21	23.003	J22	1.1	0.478	0.183	0.0627
720 minute summer	J22	23.004	J23	1.6	0.556	0.262	0.0281
720 minute summer	J23	23.005	S18	1.8	0.645	0.303	0.0587
720 minute summer	J24	23.007	J25	3.0	0.520	0.225	0.1088
720 minute summer	J25	23.008	J26	3.4	0.519	0.254	0.0874
720 minute summer	J26	23.009	S19	3.8	0.592	0.285	0.0652

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J27	645	186.226	0.765	5.0	0.8655	0.0000	SURCHARGED
720 minute summer	J28	375	186.393	0.037	1.7	0.0421	0.0000	OK
720 minute summer	J29	375	186.314	0.043	2.0	0.0488	0.0000	OK
720 minute summer	J30	375	186.199	0.052	3.0	0.0592	0.0000	OK
720 minute summer	J31	375	186.173	0.054	3.4	0.0612	0.0000	OK
720 minute summer	J32	375	186.121	0.057	3.9	0.0649	0.0000	OK
720 minute summer	J33	375	185.650	0.040	5.4	0.0449	0.0000	OK
720 minute summer	J34	375	185.192	0.067	6.9	0.0753	0.0000	OK
720 minute summer	J35	375	185.118	0.043	7.3	0.0489	0.0000	OK
720 minute summer	J36	375	184.949	0.074	7.7	0.0833	0.0000	OK
720 minute summer	J37	375	184.654	0.079	8.9	0.0888	0.0000	OK
720 minute summer	J38	375	184.470	0.095	9.8	0.1071	0.0000	OK
720 minute summer	J39	375	184.432	0.094	10.3	0.1064	0.0000	OK
720 minute summer	J40	375	184.406	0.081	10.7	0.0917	0.0000	OK
720 minute summer	J41	375	184.624	0.027	0.9	0.0307	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J27	23.011	S4	4.8	0.523	0.161	0.0951
720 minute summer	J28	32.001	J29	1.7	0.569	0.283	0.0260
720 minute summer	J29	32.002	S12	2.0	0.660	0.345	0.0144
720 minute summer	J30	32.004	J31	3.0	0.529	0.223	0.0278
720 minute summer	J31	32.005	J32	3.4	0.573	0.257	0.0580
720 minute summer	J32	32.006	S13	3.9	0.791	0.297	0.0266
720 minute summer	J33	32.008	S14	5.4	0.929	0.153	0.0538
720 minute summer	J34	32.010	J35	6.9	0.919	0.178	0.0683
720 minute summer	J35	32.011	J36	7.3	0.887	0.081	0.0571
720 minute summer	J36	32.012	S15	7.9	0.937	0.264	0.0203
720 minute summer	J37	32.014	S16	9.0	1.062	0.294	0.0447
720 minute summer	J38	32.016	J39	9.8	0.621	0.325	0.1708
720 minute summer	J39	32.017	J40	10.3	0.718	0.333	0.0522
720 minute summer	J40	32.018	S10	10.6	0.867	0.247	0.1175
720 minute summer	J41	48.002	J42	0.9	0.463	0.154	0.0123

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J42	375	184.570	0.033	1.4	0.0373	0.0000	OK
720 minute summer	J43	375	184.410	0.050	2.5	0.0568	0.0000	OK
720 minute summer	J44	375	184.398	0.048	2.9	0.0545	0.0000	OK
720 minute summer	J45	375	184.364	0.064	3.4	0.0727	0.0000	OK
720 minute summer	J46	375	184.341	0.069	4.6	0.0781	0.0000	OK
720 minute summer	J47	375	184.319	0.070	5.0	0.0797	0.0000	OK
720 minute summer	J48	690	184.245	0.091	6.3	0.1033	0.0000	OK
720 minute summer	J49	735	184.247	0.118	6.7	0.1339	0.0000	OK
720 minute summer	J50	735	184.244	0.119	7.2	0.1350	0.0000	OK
720 minute summer	J51	735	184.246	0.138	7.5	0.1560	0.0000	OK
720 minute summer	J52	720	184.244	0.140	8.2	0.1587	0.0000	OK
720 minute summer	J53	690	184.245	0.158	8.6	0.1786	0.0000	OK
720 minute summer	J54	375	185.009	0.030	1.0	0.0339	0.0000	OK
720 minute summer	J55	375	184.979	0.035	1.5	0.0401	0.0000	OK
720 minute summer	J56	690	184.244	0.277	12.3	0.3132	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J42	48.003	S21	1.4	0.504	0.232	0.0223
720 minute summer	J43	48.005	J44	2.5	0.493	0.177	0.0081
720 minute summer	J44	48.006	J45	2.9	0.486	0.219	0.0530
720 minute summer	J45	48.007	S22	3.4	0.449	0.249	0.0181
720 minute summer	J46	48.009	J47	4.6	0.574	0.345	0.0338
720 minute summer	J47	48.010	S23	5.0	0.656	0.373	0.0200
720 minute summer	J48	48.012	J49	6.3	0.444	0.209	0.1339
720 minute summer	J49	48.013	J50	6.7	0.444	0.219	0.0242
720 minute summer	J50	48.014	J51	7.1	0.468	0.239	0.1192
720 minute summer	J51	48.015	J52	7.5	0.493	0.245	0.0292
720 minute summer	J52	48.016	J53	8.2	0.576	0.268	0.1364
720 minute summer	J53	48.017	S24	8.5	0.673	0.283	0.3369
720 minute summer	J54	65.002	J55	1.0	0.462	0.174	0.0081
720 minute summer	J55	65.003	S24	1.5	0.613	0.252	0.0190
720 minute summer	J56	48.019	J57	12.3	0.550	0.227	0.6284

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Results for 30 year +35% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J57	735	184.244	0.299	12.7	0.3382	0.0000	OK
720 minute summer	BASIN 1	660	186.226	1.226	17.0	169.3564	0.0000	SURCHARGED
720 minute summer	BASIN 2	960	184.852	0.552	1.6	55.6520	0.0000	OK
720 minute summer	BASIN 3	750	183.287	0.187	11.8	131.3775	0.0000	OK
720 minute summer	BASIN 4	735	184.243	0.913	12.7	135.5547	0.0000	SURCHARGED
720 minute summer	SWALE 1	660	184.967	0.035	1.6	0.0396	0.0000	OK
720 minute summer	SWALE 2	960	184.471	0.021	0.4	0.0237	0.0000	OK
720 minute summer	SWALE 3	375	184.155	0.085	11.8	0.0959	0.0000	OK
720 minute summer	BH1	960	184.852	0.775	0.5	3.0480	0.0000	OK
720 minute summer	BH2	750	183.287	0.235	0.9	2.7728	0.0000	OK
720 minute summer	BH3	735	184.243	0.937	1.3	5.9788	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J57	48.020	S25	12.7	0.594	0.235	0.5572
720 minute summer	BASIN 1	1.023	S5	1.6	0.109	0.029	0.6013
720 minute summer	BASIN 2	1.027	S7	0.5	0.302	0.009	0.0344
720 minute summer	BASIN 2	71.000	BH1	0.5	0.375	0.086	0.1829
720 minute summer	BASIN 3	1.034	BH2	0.9	0.244	0.011	1.7217
720 minute summer	BASIN 4	48.022	BH3	1.3	0.356	0.023	0.7181
720 minute summer	SWALE 1	1.025	S6	1.6	0.336	0.029	0.1742
720 minute summer	SWALE 2	1.029	S8	0.4	0.277	0.008	0.0390
720 minute summer	SWALE 3	1.033	BASIN 3	11.8	0.741	0.170	0.6889
720 minute summer	BH1	Infiltration		0.1			
720 minute summer	BH2	Infiltration		0.2			
720 minute summer	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S1	345	188.385	0.015	0.4	0.0198	0.0000	OK
720 minute winter	S2	390	187.112	0.073	6.1	0.1072	0.0000	OK
720 minute winter	S3	705	186.421	0.209	8.8	0.2712	0.0000	OK
720 minute winter	S4	705	186.420	1.042	13.6	1.2379	0.0000	SURCHARGED
720 minute winter	S5	705	186.420	1.440	2.2	1.6291	0.0000	SURCHARGED
720 minute winter	S6	960	184.881	0.037	1.7	0.0415	0.0000	OK
720 minute winter	S7	960	184.800	0.021	1.4	0.0232	0.0000	OK
720 minute winter	S8	960	184.412	0.022	1.4	0.0243	0.0000	OK
720 minute winter	S9	375	184.234	0.034	1.4	0.0384	0.0000	OK
720 minute winter	S10	375	184.234	0.050	9.3	0.0762	0.0000	OK
720 minute winter	S11	375	186.429	0.029	1.0	0.0474	0.0000	OK
720 minute winter	S12	375	186.218	0.042	2.0	0.0471	0.0000	OK
720 minute winter	S13	375	186.070	0.036	3.8	0.0505	0.0000	OK
720 minute winter	S14	375	185.311	0.061	5.1	0.0952	0.0000	OK
720 minute winter	S15	375	184.908	0.041	6.9	0.0572	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	S1	1.000	J1	0.4	0.369	0.046	0.0094
720 minute winter	S2	1.012	J12	6.1	0.601	0.203	0.0151
720 minute winter	S3	1.019	J18	8.8	0.940	0.289	0.2006
720 minute winter	S4	1.022	BASIN 1	13.5	1.036	0.081	1.1778
720 minute winter	S5	1.024	SWALE 1	1.7	0.344	0.031	0.0987
720 minute winter	S6	1.026	BASIN 2	1.7	0.394	0.031	0.0272
720 minute winter	S7	1.028	SWALE 2	1.4	0.444	0.009	0.0556
720 minute winter	S8	1.030	S9	1.4	0.459	0.010	0.0382
720 minute winter	S9	1.031	S10	1.4	0.490	0.027	0.0402
720 minute winter	S10	1.032	SWALE 3	9.3	0.880	0.052	0.0467
720 minute winter	S11	32.000	J28	1.0	0.492	0.168	0.0092
720 minute winter	S12	32.003	J30	2.0	0.463	0.149	0.0218
720 minute winter	S13	32.007	J33	3.8	1.194	0.117	0.0410
720 minute winter	S14	32.009	J34	5.1	0.814	0.297	0.0331
720 minute winter	S15	32.013	J37	6.7	0.884	0.073	0.0719

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S16	375	184.592	0.035	7.3	0.0445	0.0000	OK
720 minute winter	S17	690	186.420	0.420	0.3	0.4748	0.0000	SURCHARGED
720 minute winter	S18	705	186.422	0.761	2.3	1.0757	0.0000	SURCHARGED
720 minute winter	S19	660	186.421	0.929	3.7	1.2734	0.0000	SURCHARGED
720 minute winter	S20	405	184.666	0.024	0.7	0.0292	0.0000	OK
720 minute winter	S21	375	184.497	0.038	1.7	0.0454	0.0000	OK
720 minute winter	S22	720	184.410	0.124	3.6	0.1519	0.0000	OK
720 minute winter	S23	750	184.414	0.256	11.1	0.3027	0.0000	SURCHARGED
720 minute winter	S24	735	184.413	0.436	10.0	0.6331	0.0000	SURCHARGED
720 minute winter	S25	735	184.411	0.485	10.5	0.5486	0.0000	SURCHARGED
720 minute winter	S26	375	185.394	0.017	0.5	0.0200	0.0000	OK
720 minute winter	FC1	390	188.420	0.170	0.4	0.2268	0.0000	SURCHARGED
720 minute winter	FC2	390	188.321	0.171	0.4	0.2273	0.0000	SURCHARGED
720 minute winter	FC3	390	188.555	0.355	0.6	0.5147	0.0000	SURCHARGED
720 minute winter	FC4	420	188.302	0.102	0.3	0.1316	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	S16	32.015	J38	7.4	0.890	0.050	0.0198
720 minute winter	S17	23.001	J20	0.3	0.282	0.045	0.0560
720 minute winter	S18	23.006	J24	2.5	0.455	0.182	0.0323
720 minute winter	S19	23.010	J27	6.1	0.428	0.203	0.3541
720 minute winter	S20	48.001	J41	0.7	0.493	0.117	0.0066
720 minute winter	S21	48.004	J43	1.7	0.627	0.282	0.0136
720 minute winter	S22	48.008	J46	3.5	0.515	0.262	0.0398
720 minute winter	S23	48.011	J48	9.7	0.431	0.316	0.0447
720 minute winter	S24	48.018	J56	10.0	0.500	0.186	0.2989
720 minute winter	S25	48.021	BASIN 4	10.5	0.655	0.190	0.2248
720 minute winter	S26	65.001	J54	0.5	0.598	0.057	0.0071
720 minute winter	FC1	2.000	J1	0.4	0.322	0.064	0.0059
720 minute winter	FC2	3.000	J2	0.4	0.212	0.067	0.0088
720 minute winter	FC3	4.000	J3	0.6	0.502	0.092	0.0109
720 minute winter	FC4	5.000	J4	0.3	0.466	0.040	0.0047

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC5	390	188.171	0.171	0.4	0.2280	0.0000	SURCHARGED
720 minute winter	FC6	420	187.951	0.101	0.3	0.1305	0.0000	SURCHARGED
720 minute winter	FC7	420	187.852	0.102	0.3	0.1322	0.0000	SURCHARGED
720 minute winter	FC8	390	187.918	0.167	0.4	0.2229	0.0000	SURCHARGED
720 minute winter	FC9	420	187.574	0.104	0.3	0.1338	0.0000	SURCHARGED
720 minute winter	FC10	405	187.731	0.261	0.5	0.3685	0.0000	SURCHARGED
720 minute winter	FC11	435	187.424	0.104	0.3	0.1360	0.0000	SURCHARGED
720 minute winter	FC12	435	187.334	0.104	0.3	0.1360	0.0000	SURCHARGED
720 minute winter	FC13	390	187.171	0.171	0.4	0.2277	0.0000	SURCHARGED
720 minute winter	FC14	450	187.002	0.102	0.4	1.3090	0.0000	SURCHARGED
720 minute winter	FC15	420	187.299	0.099	0.3	0.1280	0.0000	OK
720 minute winter	FC16	420	187.003	0.103	0.3	0.1330	0.0000	SURCHARGED
720 minute winter	FC17	420	187.099	0.099	0.3	0.1280	0.0000	OK
720 minute winter	FC18	420	186.654	0.104	0.3	0.1339	0.0000	SURCHARGED
720 minute winter	FC19	390	186.571	0.171	0.4	0.2278	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC5	6.000	J5	0.4	0.421	0.067	0.0039
720 minute winter	FC6	7.000	J6	0.3	0.512	0.035	0.0043
720 minute winter	FC7	8.000	J7	0.3	0.445	0.042	0.0049
720 minute winter	FC8	9.000	J8	0.4	0.596	0.041	0.0028
720 minute winter	FC9	10.000	J9	0.3	0.393	0.050	0.0055
720 minute winter	FC10	11.000	J10	0.5	0.490	0.075	0.0063
720 minute winter	FC11	12.000	J11	0.3	0.392	0.051	0.0059
720 minute winter	FC12	13.000	S2	0.3	0.392	0.051	0.0053
720 minute winter	FC13	14.000	J12	0.4	0.425	0.067	0.0064
720 minute winter	FC14	15.000	J13	0.3	0.392	0.050	0.0057
720 minute winter	FC15	16.000	J14	0.3	0.828	0.017	0.0017
720 minute winter	FC16	17.000	J15	0.3	0.417	0.046	0.0055
720 minute winter	FC17	18.000	J16	0.3	0.659	0.024	0.0022
720 minute winter	FC18	19.000	J17	0.3	0.391	0.051	0.0054
720 minute winter	FC19	20.000	S3	0.4	0.423	0.067	0.0273

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC20	390	187.115	0.165	0.4	0.2191	0.0000	SURCHARGED
720 minute winter	FC21	390	186.471	0.171	0.4	0.2278	0.0000	SURCHARGED
720 minute winter	FC22	420	186.534	0.083	0.3	0.8115	0.0000	OK
720 minute winter	FC23	705	186.422	0.122	0.3	0.1570	0.0000	SURCHARGED
720 minute winter	FC24	390	186.469	0.169	0.4	0.2255	0.0000	SURCHARGED
720 minute winter	FC25	390	186.715	0.165	0.4	0.2192	0.0000	SURCHARGED
720 minute winter	FC26	420	186.533	0.083	0.3	0.8354	0.0000	OK
720 minute winter	FC27	420	186.599	0.099	0.3	0.1280	0.0000	OK
720 minute winter	FC28	390	186.665	0.165	0.4	0.2191	0.0000	SURCHARGED
720 minute winter	FC29	405	186.667	0.167	0.4	0.2262	0.0000	SURCHARGED
720 minute winter	FC30	390	186.915	0.165	0.4	0.2197	0.0000	SURCHARGED
720 minute winter	FC31	420	186.551	0.101	0.3	0.1300	0.0000	SURCHARGED
720 minute winter	FC32	420	186.549	0.099	0.3	0.1280	0.0000	OK
720 minute winter	FC33	390	186.615	0.165	0.4	0.2199	0.0000	SURCHARGED
720 minute winter	FC34	390	186.621	0.171	0.4	0.2274	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC20	21.000	J18	0.4	0.849	0.025	0.0020
720 minute winter	FC21	22.000	J19	0.4	0.424	0.067	0.0599
720 minute winter	FC22	23.000	S17	0.3	0.541	0.015	0.0194
720 minute winter	FC23	24.000	J20	0.3	0.408	0.048	0.0359
720 minute winter	FC24	25.000	J21	0.4	0.495	0.053	0.0363
720 minute winter	FC25	26.000	J22	0.4	0.842	0.025	0.0189
720 minute winter	FC26	27.000	J23	0.3	0.665	0.020	0.0187
720 minute winter	FC27	28.000	J24	0.3	0.855	0.016	0.0182
720 minute winter	FC28	29.000	J25	0.4	0.847	0.025	0.0175
720 minute winter	FC29	30.000	J26	0.4	0.826	0.026	0.0191
720 minute winter	FC30	31.000	J27	0.4	0.791	0.027	0.0022
720 minute winter	FC31	33.000	J28	0.3	0.251	0.033	0.0059
720 minute winter	FC32	34.000	J29	0.3	0.223	0.024	0.0065
720 minute winter	FC33	35.000	S12	0.4	0.777	0.028	0.0021
720 minute winter	FC34	36.000	J30	0.4	0.435	0.064	0.0043

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC35	390	186.615	0.165	0.4	0.2198	0.0000	SURCHARGED
720 minute winter	FC36	405	186.617	0.167	0.4	0.2260	0.0000	SURCHARGED
720 minute winter	FC37	390	186.052	0.252	0.5	0.3507	0.0000	SURCHARGED
720 minute winter	FC38	420	185.529	0.079	0.3	0.9465	0.0000	OK
720 minute winter	FC39	420	185.549	0.099	0.3	0.1280	0.0000	OK
720 minute winter	FC40	390	185.665	0.165	0.4	0.2190	0.0000	SURCHARGED
720 minute winter	FC41	390	185.017	0.167	0.4	0.2222	0.0000	SURCHARGED
720 minute winter	FC42	390	184.768	0.168	0.4	0.2240	0.0000	SURCHARGED
720 minute winter	FC43	390	184.767	0.167	0.4	0.2220	0.0000	SURCHARGED
720 minute winter	FC44	330	184.612	0.012	0.3	0.0149	0.0000	OK
720 minute winter	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
720 minute winter	FC46	405	184.962	0.262	0.5	0.3695	0.0000	SURCHARGED
720 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute winter	FC48	390	184.965	0.165	0.4	0.2197	0.0000	SURCHARGED
720 minute winter	FC49	390	184.971	0.171	0.4	0.2280	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC35	37.000	J31	0.4	0.782	0.028	0.0026
720 minute winter	FC36	38.000	J32	0.4	0.842	0.025	0.0024
720 minute winter	FC37	39.000	J33	0.5	0.599	0.055	0.0054
720 minute winter	FC38	40.000	J34	0.3	0.633	0.021	0.0020
720 minute winter	FC39	41.000	J35	0.3	0.727	0.021	0.0018
720 minute winter	FC40	42.000	J36	0.4	0.962	0.021	0.0021
720 minute winter	FC41	43.000	J37	0.4	0.631	0.038	0.0032
720 minute winter	FC42	44.000	J38	0.4	0.551	0.046	0.0035
720 minute winter	FC43	45.000	J39	0.4	0.643	0.037	0.0027
720 minute winter	FC44	46.000	J40	0.3	0.609	0.027	0.0022
720 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
720 minute winter	FC46	48.000	S20	0.5	0.399	0.084	0.0076
720 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0037
720 minute winter	FC48	50.000	J42	0.4	0.345	0.028	0.0060
720 minute winter	FC49	51.000	S21	0.4	0.421	0.067	0.0041

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC50	390	184.971	0.171	0.4	0.2279	0.0000	SURCHARGED
720 minute winter	FC51	390	185.021	0.171	0.4	0.2278	0.0000	SURCHARGED
720 minute winter	FC52	375	185.476	0.226	0.5	0.3104	0.0000	SURCHARGED
720 minute winter	FC53	390	185.418	0.168	0.4	0.2233	0.0000	SURCHARGED
720 minute winter	FC54	420	185.350	0.100	0.3	0.1290	0.0000	OK
720 minute winter	FC55	420	185.349	0.099	0.3	0.1280	0.0000	OK
720 minute winter	FC56	390	185.515	0.165	0.4	0.2192	0.0000	SURCHARGED
720 minute winter	FC57	390	185.515	0.165	0.4	0.2198	0.0000	SURCHARGED
720 minute winter	FC58	420	185.449	0.099	0.3	0.1280	0.0000	OK
720 minute winter	FC59	420	185.449	0.099	0.3	0.1281	0.0000	OK
720 minute winter	FC60	390	185.516	0.166	0.4	0.2211	0.0000	SURCHARGED
720 minute winter	FC61	390	185.468	0.168	0.4	0.2238	0.0000	SURCHARGED
720 minute winter	FC62	375	185.568	0.318	0.6	0.4548	0.0000	SURCHARGED
720 minute winter	FC63	420	185.504	0.104	0.3	0.1344	0.0000	SURCHARGED
720 minute winter	FC64	390	185.171	0.171	0.4	0.2274	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC50	52.000	J43	0.4	0.422	0.067	0.0044
720 minute winter	FC51	55.000	S22	0.4	0.423	0.067	0.0057
720 minute winter	FC52	58.000	S23	0.5	0.644	0.046	0.0039
720 minute winter	FC53	61.000	J50	0.4	0.578	0.043	0.0029
720 minute winter	FC54	62.000	J51	0.3	0.590	0.028	0.0020
720 minute winter	FC55	64.000	J53	0.3	0.743	0.020	0.0017
720 minute winter	FC56	53.000	J44	0.4	0.831	0.026	0.0031
720 minute winter	FC57	54.000	J45	0.4	0.780	0.028	0.0033
720 minute winter	FC58	56.000	J46	0.3	0.691	0.022	0.0027
720 minute winter	FC59	57.000	J47	0.3	0.641	0.025	0.0030
720 minute winter	FC60	59.000	J48	0.4	0.689	0.033	0.0038
720 minute winter	FC61	60.000	J49	0.4	0.554	0.046	0.0053
720 minute winter	FC62	63.000	J52	0.6	0.561	0.072	0.0092
720 minute winter	FC63	65.000	S26	0.3	0.394	0.051	0.0020
720 minute winter	FC64	66.000	J54	0.4	0.313	0.067	0.0029

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC65	390	185.315	0.165	0.4	0.2190	0.0000	SURCHARGED
720 minute winter	FC66	390	185.170	0.170	0.4	0.2263	0.0000	SURCHARGED
720 minute winter	FC67	420	184.885	0.085	0.3	0.8751	0.0000	OK
720 minute winter	FC68	420	184.651	0.101	0.3	0.1306	0.0000	SURCHARGED
720 minute winter	J1	390	188.226	0.026	1.2	0.0347	0.0000	OK
720 minute winter	J2	390	188.146	0.040	1.6	0.0455	0.0000	OK
720 minute winter	J3	390	188.088	0.041	2.2	0.0469	0.0000	OK
720 minute winter	J4	390	188.065	0.029	2.5	0.0334	0.0000	OK
720 minute winter	J5	390	187.938	0.028	2.9	0.0315	0.0000	OK
720 minute winter	J6	390	187.690	0.040	3.2	0.0448	0.0000	OK
720 minute winter	J7	390	187.652	0.052	3.5	0.0588	0.0000	OK
720 minute winter	J8	390	187.631	0.038	3.9	0.0427	0.0000	OK
720 minute winter	J9	390	187.328	0.053	4.2	0.0596	0.0000	OK
720 minute winter	J10	390	187.301	0.031	4.6	0.0345	0.0000	OK
720 minute winter	J11	390	187.165	0.044	5.0	0.0498	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC65	67.000	J55	0.4	0.335	0.021	0.0029
720 minute winter	FC66	68.000	S24	0.4	0.475	0.055	0.0018
720 minute winter	FC67	69.000	J56	0.3	0.370	0.045	0.0015
720 minute winter	FC68	70.000	J57	0.3	0.515	0.033	0.0013
720 minute winter	J1	1.001	J2	1.2	0.532	0.144	0.0114
720 minute winter	J2	1.002	J3	1.6	0.588	0.269	0.0028
720 minute winter	J3	1.003	J4	2.2	0.684	0.164	0.0062
720 minute winter	J4	1.004	J5	2.5	1.055	0.074	0.0083
720 minute winter	J5	1.005	J6	2.9	0.971	0.075	0.0169
720 minute winter	J6	1.006	J7	3.2	0.697	0.111	0.0090
720 minute winter	J7	1.007	J8	3.5	0.784	0.249	0.0050
720 minute winter	J8	1.008	J9	3.9	1.145	0.128	0.0286
720 minute winter	J9	1.009	J10	4.1	0.829	0.124	0.0062
720 minute winter	J10	1.010	J11	4.7	1.085	0.036	0.0106
720 minute winter	J11	1.011	S2	5.0	0.607	0.077	0.0445

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J12	390	186.857	0.048	6.5	0.0541	0.0000	OK
720 minute winter	J13	390	186.788	0.086	6.7	0.0976	0.0000	OK
720 minute winter	J14	390	186.778	0.083	7.0	0.0935	0.0000	OK
720 minute winter	J15	390	186.763	0.075	7.3	0.0847	0.0000	OK
720 minute winter	J16	390	186.731	0.061	7.6	0.0688	0.0000	OK
720 minute winter	J17	705	186.422	0.064	7.9	0.0722	0.0000	OK
720 minute winter	J18	705	186.421	0.226	14.1	0.2561	0.0000	SURCHARGED
720 minute winter	J19	705	186.423	0.396	13.5	0.4477	0.0000	SURCHARGED
720 minute winter	J20	705	186.421	0.490	0.6	0.5537	0.0000	SURCHARGED
720 minute winter	J21	705	186.421	0.526	1.0	0.5949	0.0000	SURCHARGED
720 minute winter	J22	705	186.421	0.603	1.3	0.6815	0.0000	SURCHARGED
720 minute winter	J23	705	186.421	0.638	1.5	0.7213	0.0000	SURCHARGED
720 minute winter	J24	705	186.422	0.772	2.6	0.8730	0.0000	SURCHARGED
720 minute winter	J25	705	186.420	0.805	4.8	0.9103	0.0000	SURCHARGED
720 minute winter	J26	705	186.420	0.833	3.0	0.9419	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J12	1.013	J13	6.5	0.651	0.096	0.0652
720 minute winter	J13	1.014	J14	6.7	0.496	0.215	0.0258
720 minute winter	J14	1.015	J15	7.0	0.569	0.225	0.0237
720 minute winter	J15	1.016	J16	7.3	0.729	0.240	0.0517
720 minute winter	J16	1.017	J17	7.6	0.961	0.127	0.0267
720 minute winter	J17	1.018	S3	7.9	0.960	0.055	0.0450
720 minute winter	J18	1.020	J19	13.3	1.612	0.103	0.0592
720 minute winter	J19	1.021	S4	11.6	0.640	0.209	0.3096
720 minute winter	J20	23.002	J21	0.6	0.382	0.095	0.0295
720 minute winter	J21	23.003	J22	0.9	0.459	0.159	0.0627
720 minute winter	J22	23.004	J23	1.3	0.545	0.216	0.0281
720 minute winter	J23	23.005	S18	1.5	0.605	0.258	0.0587
720 minute winter	J24	23.007	J25	2.6	0.491	0.198	0.1088
720 minute winter	J25	23.008	J26	2.6	0.498	0.198	0.0874
720 minute winter	J26	23.009	S19	2.9	0.566	0.220	0.0652

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J27	705	186.423	0.962	10.1	1.0879	0.0000	SURCHARGED
720 minute winter	J28	375	186.388	0.032	1.3	0.0366	0.0000	OK
720 minute winter	J29	375	186.309	0.038	1.6	0.0424	0.0000	OK
720 minute winter	J30	375	186.193	0.046	2.4	0.0523	0.0000	OK
720 minute winter	J31	375	186.167	0.048	2.8	0.0545	0.0000	OK
720 minute winter	J32	375	186.115	0.051	3.2	0.0578	0.0000	OK
720 minute winter	J33	375	185.645	0.035	4.2	0.0396	0.0000	OK
720 minute winter	J34	375	185.184	0.059	5.4	0.0666	0.0000	OK
720 minute winter	J35	375	185.113	0.038	5.7	0.0435	0.0000	OK
720 minute winter	J36	375	184.940	0.065	6.1	0.0730	0.0000	OK
720 minute winter	J37	375	184.645	0.070	7.1	0.0790	0.0000	OK
720 minute winter	J38	375	184.458	0.083	7.7	0.0935	0.0000	OK
720 minute winter	J39	375	184.421	0.083	8.1	0.0935	0.0000	OK
720 minute winter	J40	375	184.396	0.071	8.4	0.0807	0.0000	OK
720 minute winter	J41	405	184.620	0.023	0.7	0.0265	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J27	23.011	S4	-6.1	0.494	-0.206	0.0951
720 minute winter	J28	32.001	J29	1.3	0.534	0.219	0.0215
720 minute winter	J29	32.002	S12	1.6	0.620	0.269	0.0120
720 minute winter	J30	32.004	J31	2.4	0.501	0.179	0.0236
720 minute winter	J31	32.005	J32	2.8	0.544	0.208	0.0495
720 minute winter	J32	32.006	S13	3.2	0.752	0.238	0.0225
720 minute winter	J33	32.008	S14	4.2	0.883	0.119	0.0445
720 minute winter	J34	32.010	J35	5.4	0.854	0.140	0.0575
720 minute winter	J35	32.011	J36	5.7	0.833	0.064	0.0476
720 minute winter	J36	32.012	S15	6.3	0.885	0.208	0.0169
720 minute winter	J37	32.014	S16	7.0	1.003	0.232	0.0374
720 minute winter	J38	32.016	J39	7.7	0.587	0.257	0.1429
720 minute winter	J39	32.017	J40	8.1	0.678	0.264	0.0439
720 minute winter	J40	32.018	S10	8.4	0.816	0.196	0.0990
720 minute winter	J41	48.002	J42	0.7	0.429	0.118	0.0102

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J42	390	184.566	0.029	1.1	0.0331	0.0000	OK
720 minute winter	J43	720	184.415	0.055	2.1	0.0622	0.0000	OK
720 minute winter	J44	720	184.415	0.065	2.4	0.0731	0.0000	OK
720 minute winter	J45	705	184.411	0.111	2.8	0.1255	0.0000	OK
720 minute winter	J46	750	184.412	0.140	3.8	0.1578	0.0000	OK
720 minute winter	J47	720	184.414	0.165	4.1	0.1871	0.0000	SURCHARGED
720 minute winter	J48	720	184.424	0.270	9.8	0.3058	0.0000	SURCHARGED
720 minute winter	J49	720	184.415	0.286	5.6	0.3230	0.0000	SURCHARGED
720 minute winter	J50	960	184.442	0.317	16.8	0.3584	0.0000	SURCHARGED
720 minute winter	J51	765	184.414	0.306	18.8	0.3456	0.0000	SURCHARGED
720 minute winter	J52	720	184.417	0.313	20.3	0.3539	0.0000	SURCHARGED
720 minute winter	J53	735	184.411	0.323	7.1	0.3658	0.0000	SURCHARGED
720 minute winter	J54	375	185.007	0.028	0.9	0.0313	0.0000	OK
720 minute winter	J55	375	184.977	0.033	1.3	0.0370	0.0000	OK
720 minute winter	J56	750	184.417	0.450	10.2	0.5088	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J42	48.003	S21	1.1	0.479	0.185	0.0190
720 minute winter	J43	48.005	J44	2.1	0.471	0.147	0.0105
720 minute winter	J44	48.006	J45	2.4	0.472	0.183	0.0926
720 minute winter	J45	48.007	S22	3.5	0.436	0.262	0.0351
720 minute winter	J46	48.009	J47	3.8	0.552	0.286	0.0731
720 minute winter	J47	48.010	S23	4.1	0.626	0.309	0.0465
720 minute winter	J48	48.012	J49	5.2	0.431	0.173	0.2962
720 minute winter	J49	48.013	J50	13.6	0.430	0.444	0.0451
720 minute winter	J50	48.014	J51	5.9	0.451	0.199	0.2018
720 minute winter	J51	48.015	J52	-18.8	0.473	-0.613	0.0451
720 minute winter	J52	48.016	J53	6.8	0.550	0.223	0.1938
720 minute winter	J53	48.017	S24	7.1	0.639	0.235	0.4079
720 minute winter	J54	65.002	J55	0.9	0.447	0.150	0.0072
720 minute winter	J55	65.003	S24	1.3	0.589	0.217	0.0171
720 minute winter	J56	48.019	J57	10.2	0.525	0.188	0.6398

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Results for 30 year +35% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J57	750	184.416	0.471	10.5	0.5325	0.0000	SURCHARGED
720 minute winter	BASIN 1	705	186.421	1.420	13.5	203.1491	0.0000	SURCHARGED
720 minute winter	BASIN 2	960	184.865	0.565	1.7	57.1961	0.0000	OK
720 minute winter	BASIN 3	960	183.326	0.225	9.3	159.0416	0.0000	OK
720 minute winter	BASIN 4	720	184.408	1.077	10.5	164.6336	0.0000	SURCHARGED
720 minute winter	SWALE 1	705	184.968	0.036	1.7	0.0411	0.0000	OK
720 minute winter	SWALE 2	960	184.485	0.035	1.4	0.0397	0.0000	OK
720 minute winter	SWALE 3	375	184.145	0.075	9.3	0.0849	0.0000	OK
720 minute winter	BH1	960	184.865	0.788	0.5	3.0865	0.0000	OK
720 minute winter	BH2	960	183.326	0.273	0.9	2.9644	0.0000	OK
720 minute winter	BH3	735	184.408	1.102	1.3	6.7482	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J57	48.020	S25	10.5	0.564	0.194	0.5574
720 minute winter	BASIN 1	1.023	S5	2.2	0.128	0.042	0.6013
720 minute winter	BASIN 2	1.027	S7	1.4	0.446	0.027	0.0720
720 minute winter	BASIN 2	71.000	BH1	0.5	0.411	0.093	0.1829
720 minute winter	BASIN 3	1.034	BH2	0.9	0.261	0.011	2.0977
720 minute winter	BASIN 4	48.022	BH3	1.3	0.408	0.025	0.7181
720 minute winter	SWALE 1	1.025	S6	1.7	0.344	0.031	0.1834
720 minute winter	SWALE 2	1.029	S8	1.4	0.431	0.027	0.0877
720 minute winter	SWALE 3	1.033	BASIN 3	9.3	0.695	0.134	0.5797
720 minute winter	BH1	Infiltration		0.1			
720 minute winter	BH2	Infiltration		0.2			
720 minute winter	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S1	495	188.386	0.016	0.5	0.0220	0.0000	OK
960 minute summer	S2	495	187.115	0.076	6.5	0.1116	0.0000	OK
960 minute summer	S3	495	186.293	0.081	9.3	0.1047	0.0000	OK
960 minute summer	S4	765	186.233	0.855	14.4	1.0156	0.0000	SURCHARGED
960 minute summer	S5	780	186.231	1.251	1.6	1.4145	0.0000	SURCHARGED
960 minute summer	S6	780	184.880	0.036	1.6	0.0402	0.0000	OK
960 minute summer	S7	1170	184.799	0.020	1.4	0.0227	0.0000	OK
960 minute summer	S8	1185	184.411	0.021	1.4	0.0238	0.0000	OK
960 minute summer	S9	495	184.235	0.035	1.4	0.0395	0.0000	OK
960 minute summer	S10	495	184.235	0.051	9.7	0.0778	0.0000	OK
960 minute summer	S11	495	186.429	0.029	1.0	0.0474	0.0000	OK
960 minute summer	S12	495	186.218	0.042	2.0	0.0471	0.0000	OK
960 minute summer	S13	495	186.070	0.036	3.9	0.0516	0.0000	OK
960 minute summer	S14	495	185.312	0.062	5.4	0.0979	0.0000	OK
960 minute summer	S15	495	184.909	0.042	6.6	0.0580	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	S1	1.000	J1	0.5	0.393	0.057	0.0107
960 minute summer	S2	1.012	J12	6.5	0.613	0.219	0.0159
960 minute summer	S3	1.019	J18	9.3	0.952	0.303	0.0504
960 minute summer	S4	1.022	BASIN 1	14.3	0.859	0.085	1.1778
960 minute summer	S5	1.024	SWALE 1	1.6	0.337	0.029	0.0938
960 minute summer	S6	1.026	BASIN 2	1.6	0.385	0.029	0.0258
960 minute summer	S7	1.028	SWALE 2	1.4	0.435	0.009	0.0537
960 minute summer	S8	1.030	S9	1.4	0.452	0.010	0.0369
960 minute summer	S9	1.031	S10	1.4	0.481	0.025	0.0417
960 minute summer	S10	1.032	SWALE 3	9.7	0.887	0.054	0.0480
960 minute summer	S11	32.000	J28	1.0	0.492	0.168	0.0092
960 minute summer	S12	32.003	J30	2.0	0.463	0.149	0.0218
960 minute summer	S13	32.007	J33	3.9	1.210	0.122	0.0421
960 minute summer	S14	32.009	J34	5.4	0.824	0.311	0.0343
960 minute summer	S15	32.013	J37	6.9	0.894	0.075	0.0736

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S16	495	184.593	0.036	7.6	0.0454	0.0000	OK
960 minute summer	S17	780	186.231	0.231	0.3	0.2617	0.0000	SURCHARGED
960 minute summer	S18	765	186.234	0.573	2.4	0.8102	0.0000	SURCHARGED
960 minute summer	S19	765	186.237	0.746	4.2	1.0221	0.0000	SURCHARGED
960 minute summer	S20	510	184.667	0.025	0.7	0.0302	0.0000	OK
960 minute summer	S21	495	184.498	0.039	1.7	0.0461	0.0000	OK
960 minute summer	S22	495	184.348	0.062	3.6	0.0762	0.0000	OK
960 minute summer	S23	870	184.269	0.111	4.8	0.1311	0.0000	OK
960 minute summer	S24	870	184.266	0.289	10.1	0.4194	0.0000	OK
960 minute summer	S25	960	184.266	0.340	10.6	0.3845	0.0000	SURCHARGED
960 minute summer	S26	495	185.394	0.017	0.5	0.0199	0.0000	OK
960 minute summer	FC1	510	188.420	0.170	0.4	0.2266	0.0000	SURCHARGED
960 minute summer	FC2	510	188.321	0.171	0.4	0.2270	0.0000	SURCHARGED
960 minute summer	FC3	510	188.609	0.409	0.7	0.5934	0.0000	SURCHARGED
960 minute summer	FC4	525	188.302	0.102	0.3	0.1315	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	S16	32.015	J38	7.6	0.896	0.052	0.0203
960 minute summer	S17	23.001	J20	0.3	0.276	0.044	0.0560
960 minute summer	S18	23.006	J24	2.4	0.477	0.174	0.0323
960 minute summer	S19	23.010	J27	3.9	0.439	0.131	0.3541
960 minute summer	S20	48.001	J41	0.7	0.501	0.125	0.0069
960 minute summer	S21	48.004	J43	1.7	0.631	0.289	0.0138
960 minute summer	S22	48.008	J46	3.6	0.517	0.265	0.0168
960 minute summer	S23	48.011	J48	4.8	0.431	0.156	0.0221
960 minute summer	S24	48.018	J56	10.1	0.502	0.189	0.2966
960 minute summer	S25	48.021	BASIN 4	10.6	0.656	0.192	0.2248
960 minute summer	S26	65.001	J54	0.5	0.598	0.057	0.0071
960 minute summer	FC1	2.000	J1	0.4	0.333	0.064	0.0063
960 minute summer	FC2	3.000	J2	0.4	0.218	0.066	0.0093
960 minute summer	FC3	4.000	J3	0.6	0.513	0.099	0.0115
960 minute summer	FC4	5.000	J4	0.3	0.466	0.040	0.0047

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC5	510	188.171	0.171	0.4	0.2277	0.0000	SURCHARGED
960 minute summer	FC6	525	187.951	0.101	0.3	0.1304	0.0000	SURCHARGED
960 minute summer	FC7	525	187.852	0.102	0.3	0.1321	0.0000	SURCHARGED
960 minute summer	FC8	510	187.917	0.167	0.4	0.2227	0.0000	SURCHARGED
960 minute summer	FC9	525	187.574	0.104	0.3	0.1337	0.0000	SURCHARGED
960 minute summer	FC10	510	187.777	0.307	0.6	0.4338	0.0000	SURCHARGED
960 minute summer	FC11	495	187.475	0.155	0.4	0.2026	0.0000	SURCHARGED
960 minute summer	FC12	495	187.385	0.155	0.4	0.2026	0.0000	SURCHARGED
960 minute summer	FC13	510	187.171	0.171	0.4	0.2275	0.0000	SURCHARGED
960 minute summer	FC14	540	186.996	0.096	0.4	1.2289	0.0000	OK
960 minute summer	FC15	525	187.299	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC16	525	187.003	0.103	0.3	0.1329	0.0000	SURCHARGED
960 minute summer	FC17	525	187.099	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC18	525	186.654	0.104	0.3	0.1338	0.0000	SURCHARGED
960 minute summer	FC19	510	186.571	0.171	0.4	0.2276	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC5	6.000	J5	0.4	0.421	0.067	0.0039
960 minute summer	FC6	7.000	J6	0.3	0.512	0.035	0.0043
960 minute summer	FC7	8.000	J7	0.3	0.445	0.042	0.0049
960 minute summer	FC8	9.000	J8	0.4	0.596	0.041	0.0028
960 minute summer	FC9	10.000	J9	0.3	0.393	0.050	0.0055
960 minute summer	FC10	11.000	J10	0.5	0.503	0.082	0.0067
960 minute summer	FC11	12.000	J11	0.4	0.417	0.063	0.0069
960 minute summer	FC12	13.000	S2	0.4	0.417	0.063	0.0062
960 minute summer	FC13	14.000	J12	0.4	0.425	0.067	0.0064
960 minute summer	FC14	15.000	J13	0.3	0.388	0.048	0.0056
960 minute summer	FC15	16.000	J14	0.3	0.828	0.017	0.0017
960 minute summer	FC16	17.000	J15	0.3	0.417	0.046	0.0055
960 minute summer	FC17	18.000	J16	0.3	0.659	0.024	0.0022
960 minute summer	FC18	19.000	J17	0.3	0.391	0.051	0.0054
960 minute summer	FC19	20.000	S3	0.4	0.423	0.067	0.0062

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC20	510	187.115	0.164	0.4	0.2189	0.0000	SURCHARGED
960 minute summer	FC21	510	186.471	0.171	0.4	0.2275	0.0000	SURCHARGED
960 minute summer	FC22	525	186.526	0.076	0.3	0.7425	0.0000	OK
960 minute summer	FC23	525	186.403	0.103	0.3	0.1333	0.0000	SURCHARGED
960 minute summer	FC24	510	186.469	0.169	0.4	0.2252	0.0000	SURCHARGED
960 minute summer	FC25	510	186.715	0.165	0.4	0.2190	0.0000	SURCHARGED
960 minute summer	FC26	525	186.526	0.075	0.3	0.7628	0.0000	OK
960 minute summer	FC27	525	186.599	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC28	510	186.665	0.164	0.4	0.2189	0.0000	SURCHARGED
960 minute summer	FC29	495	186.717	0.217	0.5	0.2931	0.0000	SURCHARGED
960 minute summer	FC30	510	186.915	0.165	0.4	0.2195	0.0000	SURCHARGED
960 minute summer	FC31	525	186.551	0.101	0.3	0.1299	0.0000	SURCHARGED
960 minute summer	FC32	525	186.549	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC33	510	186.615	0.165	0.4	0.2197	0.0000	SURCHARGED
960 minute summer	FC34	510	186.621	0.171	0.4	0.2272	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC20	21.000	J18	0.4	0.849	0.025	0.0020
960 minute summer	FC21	22.000	J19	0.4	0.424	0.067	0.0071
960 minute summer	FC22	23.000	S17	0.3	0.536	0.014	0.0193
960 minute summer	FC23	24.000	J20	0.3	0.408	0.048	0.0034
960 minute summer	FC24	25.000	J21	0.4	0.495	0.053	0.0037
960 minute summer	FC25	26.000	J22	0.4	0.842	0.025	0.0022
960 minute summer	FC26	27.000	J23	0.3	0.654	0.019	0.0018
960 minute summer	FC27	28.000	J24	0.3	0.855	0.016	0.0180
960 minute summer	FC28	29.000	J25	0.4	0.847	0.025	0.0064
960 minute summer	FC29	30.000	J26	0.5	0.859	0.030	0.0056
960 minute summer	FC30	31.000	J27	0.4	0.790	0.027	0.0022
960 minute summer	FC31	33.000	J28	0.3	0.250	0.033	0.0058
960 minute summer	FC32	34.000	J29	0.3	0.223	0.024	0.0065
960 minute summer	FC33	35.000	S12	0.4	0.777	0.028	0.0021
960 minute summer	FC34	36.000	J30	0.4	0.435	0.064	0.0043

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC35	510	186.615	0.165	0.4	0.2196	0.0000	SURCHARGED
960 minute summer	FC36	495	186.667	0.217	0.5	0.2930	0.0000	SURCHARGED
960 minute summer	FC37	510	186.051	0.251	0.5	0.3497	0.0000	SURCHARGED
960 minute summer	FC38	540	185.521	0.071	0.3	0.8569	0.0000	OK
960 minute summer	FC39	525	185.549	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC40	510	185.664	0.164	0.4	0.2188	0.0000	SURCHARGED
960 minute summer	FC41	510	185.017	0.167	0.4	0.2219	0.0000	SURCHARGED
960 minute summer	FC42	510	184.768	0.168	0.4	0.2237	0.0000	SURCHARGED
960 minute summer	FC43	510	184.767	0.167	0.4	0.2217	0.0000	SURCHARGED
960 minute summer	FC44	465	184.612	0.012	0.3	0.0149	0.0000	OK
960 minute summer	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	FC46	510	185.008	0.308	0.6	0.4348	0.0000	SURCHARGED
960 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute summer	FC48	510	184.965	0.165	0.4	0.2195	0.0000	SURCHARGED
960 minute summer	FC49	510	184.971	0.171	0.4	0.2277	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC35	37.000	J31	0.4	0.782	0.028	0.0026
960 minute summer	FC36	38.000	J32	0.5	0.876	0.029	0.0026
960 minute summer	FC37	39.000	J33	0.5	0.599	0.055	0.0054
960 minute summer	FC38	40.000	J34	0.2	0.622	0.020	0.0019
960 minute summer	FC39	41.000	J35	0.3	0.727	0.021	0.0018
960 minute summer	FC40	42.000	J36	0.4	0.962	0.021	0.0021
960 minute summer	FC41	43.000	J37	0.4	0.631	0.038	0.0032
960 minute summer	FC42	44.000	J38	0.4	0.550	0.046	0.0035
960 minute summer	FC43	45.000	J39	0.4	0.643	0.037	0.0027
960 minute summer	FC44	46.000	J40	0.3	0.609	0.027	0.0022
960 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
960 minute summer	FC46	48.000	S20	0.5	0.408	0.091	0.0080
960 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0039
960 minute summer	FC48	50.000	J42	0.4	0.338	0.028	0.0062
960 minute summer	FC49	51.000	S21	0.4	0.421	0.067	0.0041

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC50	510	184.971	0.171	0.4	0.2277	0.0000	SURCHARGED
960 minute summer	FC51	510	185.021	0.171	0.4	0.2276	0.0000	SURCHARGED
960 minute summer	FC52	495	185.474	0.224	0.5	0.3069	0.0000	SURCHARGED
960 minute summer	FC53	510	185.418	0.168	0.4	0.2231	0.0000	SURCHARGED
960 minute summer	FC54	525	185.350	0.100	0.3	0.1289	0.0000	OK
960 minute summer	FC55	525	185.349	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC56	510	185.515	0.165	0.4	0.2190	0.0000	SURCHARGED
960 minute summer	FC57	510	185.515	0.165	0.4	0.2196	0.0000	SURCHARGED
960 minute summer	FC58	525	185.449	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC59	525	185.449	0.099	0.3	0.1280	0.0000	OK
960 minute summer	FC60	510	185.516	0.166	0.4	0.2209	0.0000	SURCHARGED
960 minute summer	FC61	510	185.468	0.168	0.4	0.2236	0.0000	SURCHARGED
960 minute summer	FC62	510	185.598	0.348	0.6	0.4986	0.0000	SURCHARGED
960 minute summer	FC63	525	185.504	0.104	0.3	0.1343	0.0000	SURCHARGED
960 minute summer	FC64	510	185.171	0.171	0.4	0.2271	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC50	52.000	J43	0.4	0.422	0.067	0.0044
960 minute summer	FC51	55.000	S22	0.4	0.423	0.067	0.0057
960 minute summer	FC52	58.000	S23	0.5	0.642	0.046	0.0039
960 minute summer	FC53	61.000	J50	0.4	0.578	0.043	0.0029
960 minute summer	FC54	62.000	J51	0.3	0.590	0.028	0.0020
960 minute summer	FC55	64.000	J53	0.3	0.743	0.020	0.0017
960 minute summer	FC56	53.000	J44	0.4	0.831	0.026	0.0031
960 minute summer	FC57	54.000	J45	0.4	0.780	0.028	0.0033
960 minute summer	FC58	56.000	J46	0.3	0.691	0.022	0.0027
960 minute summer	FC59	57.000	J47	0.3	0.641	0.025	0.0030
960 minute summer	FC60	59.000	J48	0.4	0.689	0.033	0.0038
960 minute summer	FC61	60.000	J49	0.4	0.554	0.046	0.0053
960 minute summer	FC62	63.000	J52	0.6	0.569	0.076	0.0096
960 minute summer	FC63	65.000	S26	0.3	0.394	0.051	0.0020
960 minute summer	FC64	66.000	J54	0.4	0.313	0.067	0.0029

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC65	510	185.314	0.164	0.4	0.2188	0.0000	SURCHARGED
960 minute summer	FC66	510	185.170	0.170	0.4	0.2261	0.0000	SURCHARGED
960 minute summer	FC67	525	184.877	0.077	0.3	0.7937	0.0000	OK
960 minute summer	FC68	525	184.651	0.101	0.3	0.1305	0.0000	SURCHARGED
960 minute summer	J1	495	188.228	0.028	1.4	0.0375	0.0000	OK
960 minute summer	J2	495	188.149	0.043	1.8	0.0484	0.0000	OK
960 minute summer	J3	495	188.090	0.044	2.4	0.0492	0.0000	OK
960 minute summer	J4	495	188.066	0.031	2.7	0.0349	0.0000	OK
960 minute summer	J5	495	187.939	0.029	3.1	0.0326	0.0000	OK
960 minute summer	J6	495	187.691	0.041	3.4	0.0465	0.0000	OK
960 minute summer	J7	495	187.654	0.054	3.7	0.0606	0.0000	OK
960 minute summer	J8	495	187.632	0.039	4.1	0.0439	0.0000	OK
960 minute summer	J9	495	187.329	0.054	4.4	0.0610	0.0000	OK
960 minute summer	J10	495	187.301	0.031	4.9	0.0355	0.0000	OK
960 minute summer	J11	495	187.166	0.045	5.3	0.0513	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC65	67.000	J55	0.4	0.335	0.021	0.0029
960 minute summer	FC66	68.000	S24	0.4	0.475	0.055	0.0018
960 minute summer	FC67	69.000	J56	0.3	0.364	0.043	0.0015
960 minute summer	FC68	70.000	J57	0.3	0.515	0.033	0.0013
960 minute summer	J1	1.001	J2	1.4	0.562	0.167	0.0125
960 minute summer	J2	1.002	J3	1.8	0.605	0.300	0.0031
960 minute summer	J3	1.003	J4	2.4	0.704	0.180	0.0067
960 minute summer	J4	1.004	J5	2.7	1.084	0.080	0.0088
960 minute summer	J5	1.005	J6	3.1	0.989	0.080	0.0178
960 minute summer	J6	1.006	J7	3.4	0.709	0.119	0.0094
960 minute summer	J7	1.007	J8	3.7	0.799	0.264	0.0052
960 minute summer	J8	1.008	J9	4.1	1.161	0.134	0.0296
960 minute summer	J9	1.009	J10	4.4	0.839	0.131	0.0064
960 minute summer	J10	1.010	J11	4.9	1.094	0.038	0.0111
960 minute summer	J11	1.011	S2	5.3	0.613	0.082	0.0468

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J12	495	186.859	0.050	6.9	0.0565	0.0000	OK
960 minute summer	J13	495	186.791	0.089	7.2	0.1011	0.0000	OK
960 minute summer	J14	495	186.780	0.085	7.5	0.0965	0.0000	OK
960 minute summer	J15	495	186.765	0.077	7.8	0.0872	0.0000	OK
960 minute summer	J16	495	186.733	0.063	8.1	0.0709	0.0000	OK
960 minute summer	J17	495	186.399	0.041	8.4	0.0459	0.0000	OK
960 minute summer	J18	495	186.246	0.052	9.6	0.0586	0.0000	OK
960 minute summer	J19	795	186.231	0.204	10.0	0.2302	0.0000	OK
960 minute summer	J20	780	186.232	0.301	0.8	0.3405	0.0000	SURCHARGED
960 minute summer	J21	765	186.233	0.338	0.9	0.3823	0.0000	SURCHARGED
960 minute summer	J22	780	186.233	0.415	1.3	0.4696	0.0000	SURCHARGED
960 minute summer	J23	780	186.230	0.447	1.6	0.5059	0.0000	SURCHARGED
960 minute summer	J24	765	186.231	0.581	2.7	0.6575	0.0000	SURCHARGED
960 minute summer	J25	780	186.239	0.624	3.0	0.7058	0.0000	SURCHARGED
960 minute summer	J26	780	186.233	0.646	3.4	0.7306	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J12	1.013	J13	6.9	0.663	0.103	0.0686
960 minute summer	J13	1.014	J14	7.2	0.505	0.229	0.0270
960 minute summer	J14	1.015	J15	7.5	0.580	0.240	0.0247
960 minute summer	J15	1.016	J16	7.8	0.741	0.254	0.0539
960 minute summer	J16	1.017	J17	8.1	0.974	0.134	0.0279
960 minute summer	J17	1.018	S3	8.4	0.974	0.058	0.0166
960 minute summer	J18	1.020	J19	9.6	1.628	0.074	0.0205
960 minute summer	J19	1.021	S4	10.0	0.647	0.182	0.2300
960 minute summer	J20	23.002	J21	-0.6	0.387	-0.095	0.0295
960 minute summer	J21	23.003	J22	0.9	0.460	0.159	0.0627
960 minute summer	J22	23.004	J23	1.4	0.533	0.227	0.0281
960 minute summer	J23	23.005	S18	1.5	0.621	0.262	0.0587
960 minute summer	J24	23.007	J25	2.7	0.498	0.201	0.1088
960 minute summer	J25	23.008	J26	3.0	0.513	0.226	0.0874
960 minute summer	J26	23.009	S19	3.3	0.585	0.245	0.0652

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J27	765	186.236	0.775	4.3	0.8764	0.0000	SURCHARGED
960 minute summer	J28	495	186.388	0.032	1.3	0.0366	0.0000	OK
960 minute summer	J29	495	186.309	0.037	1.6	0.0424	0.0000	OK
960 minute summer	J30	495	186.193	0.046	2.4	0.0523	0.0000	OK
960 minute summer	J31	495	186.167	0.048	2.8	0.0544	0.0000	OK
960 minute summer	J32	495	186.116	0.052	3.2	0.0584	0.0000	OK
960 minute summer	J33	495	185.646	0.036	4.4	0.0403	0.0000	OK
960 minute summer	J34	495	185.185	0.060	5.6	0.0681	0.0000	OK
960 minute summer	J35	495	185.114	0.039	5.9	0.0444	0.0000	OK
960 minute summer	J36	495	184.941	0.066	6.3	0.0746	0.0000	OK
960 minute summer	J37	495	184.646	0.071	7.3	0.0804	0.0000	OK
960 minute summer	J38	495	184.459	0.084	8.0	0.0950	0.0000	OK
960 minute summer	J39	495	184.422	0.084	8.4	0.0949	0.0000	OK
960 minute summer	J40	495	184.397	0.072	8.7	0.0819	0.0000	OK
960 minute summer	J41	510	184.621	0.024	0.7	0.0274	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J27	23.011	S4	4.1	0.504	0.138	0.0951
960 minute summer	J28	32.001	J29	1.3	0.534	0.219	0.0215
960 minute summer	J29	32.002	S12	1.6	0.620	0.269	0.0120
960 minute summer	J30	32.004	J31	2.4	0.502	0.179	0.0236
960 minute summer	J31	32.005	J32	2.8	0.540	0.208	0.0498
960 minute summer	J32	32.006	S13	3.2	0.751	0.242	0.0229
960 minute summer	J33	32.008	S14	4.4	0.886	0.124	0.0460
960 minute summer	J34	32.010	J35	5.6	0.866	0.146	0.0593
960 minute summer	J35	32.011	J36	5.9	0.841	0.066	0.0491
960 minute summer	J36	32.012	S15	6.0	0.857	0.201	0.0174
960 minute summer	J37	32.014	S16	7.3	1.013	0.240	0.0384
960 minute summer	J38	32.016	J39	8.0	0.591	0.264	0.1460
960 minute summer	J39	32.017	J40	8.4	0.684	0.272	0.0448
960 minute summer	J40	32.018	S10	8.7	0.822	0.201	0.1010
960 minute summer	J41	48.002	J42	0.7	0.436	0.125	0.0107

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J42	510	184.567	0.030	1.1	0.0340	0.0000	OK
960 minute summer	J43	495	184.406	0.046	2.1	0.0517	0.0000	OK
960 minute summer	J44	495	184.394	0.044	2.5	0.0499	0.0000	OK
960 minute summer	J45	495	184.358	0.057	2.9	0.0650	0.0000	OK
960 minute summer	J46	495	184.334	0.062	3.9	0.0701	0.0000	OK
960 minute summer	J47	495	184.311	0.063	4.2	0.0718	0.0000	OK
960 minute summer	J48	870	184.267	0.113	5.2	0.1275	0.0000	OK
960 minute summer	J49	870	184.269	0.140	5.6	0.1582	0.0000	OK
960 minute summer	J50	900	184.267	0.142	6.0	0.1606	0.0000	OK
960 minute summer	J51	945	184.271	0.163	6.3	0.1848	0.0000	OK
960 minute summer	J52	900	184.275	0.171	6.9	0.1930	0.0000	OK
960 minute summer	J53	870	184.265	0.178	7.2	0.2015	0.0000	OK
960 minute summer	J54	495	185.007	0.028	0.9	0.0313	0.0000	OK
960 minute summer	J55	495	184.977	0.033	1.3	0.0369	0.0000	OK
960 minute summer	J56	975	184.264	0.297	10.3	0.3364	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J42	48.003	S21	1.1	0.486	0.193	0.0194
960 minute summer	J43	48.005	J44	2.1	0.474	0.150	0.0071
960 minute summer	J44	48.006	J45	2.5	0.474	0.186	0.0462
960 minute summer	J45	48.007	S22	2.9	0.438	0.212	0.0156
960 minute summer	J46	48.009	J47	3.9	0.553	0.289	0.0294
960 minute summer	J47	48.010	S23	4.2	0.627	0.312	0.0175
960 minute summer	J48	48.012	J49	5.2	0.432	0.174	0.1707
960 minute summer	J49	48.013	J50	5.6	0.430	0.182	0.0297
960 minute summer	J50	48.014	J51	6.0	0.452	0.200	0.1444
960 minute summer	J51	48.015	J52	6.3	0.473	0.205	0.0343
960 minute summer	J52	48.016	J53	6.9	0.552	0.225	0.1600
960 minute summer	J53	48.017	S24	7.2	0.640	0.237	0.3720
960 minute summer	J54	65.002	J55	0.9	0.447	0.150	0.0072
960 minute summer	J55	65.003	S24	1.3	0.589	0.216	0.0170
960 minute summer	J56	48.019	J57	10.3	0.527	0.190	0.6394

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Results for 30 year +35% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J57	870	184.265	0.320	10.6	0.3621	0.0000	SURCHARGED
960 minute summer	BASIN 1	780	186.231	1.231	14.3	170.1435	0.0000	SURCHARGED
960 minute summer	BASIN 2	1170	184.864	0.564	1.6	57.0943	0.0000	OK
960 minute summer	BASIN 3	1200	183.305	0.205	9.7	144.4450	0.0000	OK
960 minute summer	BASIN 4	960	184.262	0.932	10.6	138.7908	0.0000	SURCHARGED
960 minute summer	SWALE 1	780	184.967	0.035	1.6	0.0397	0.0000	OK
960 minute summer	SWALE 2	1185	184.484	0.034	1.4	0.0388	0.0000	OK
960 minute summer	SWALE 3	495	184.146	0.076	9.7	0.0864	0.0000	OK
960 minute summer	BH1	1170	184.864	0.787	0.4	3.0840	0.0000	OK
960 minute summer	BH2	1200	183.305	0.253	0.7	2.8634	0.0000	OK
960 minute summer	BH3	960	184.262	0.956	0.7	6.0657	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J57	48.020	S25	10.6	0.566	0.196	0.5574
960 minute summer	BASIN 1	1.023	S5	1.6	0.105	0.030	0.6013
960 minute summer	BASIN 2	1.027	S7	1.4	0.438	0.026	0.0693
960 minute summer	BASIN 2	71.000	BH1	0.4	0.353	0.066	0.1829
960 minute summer	BASIN 3	1.034	BH2	0.7	0.224	0.009	1.9020
960 minute summer	BASIN 4	48.022	BH3	0.7	0.252	0.013	0.7181
960 minute summer	SWALE 1	1.025	S6	1.6	0.336	0.029	0.1745
960 minute summer	SWALE 2	1.029	S8	1.4	0.423	0.026	0.0847
960 minute summer	SWALE 3	1.033	BASIN 3	9.7	0.702	0.139	0.5946
960 minute summer	BH1	Infiltration		0.1			
960 minute summer	BH2	Infiltration		0.2			
960 minute summer	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S1	420	188.383	0.013	0.3	0.0172	0.0000	OK
960 minute winter	S2	495	187.103	0.064	4.8	0.0947	0.0000	OK
960 minute winter	S3	900	186.372	0.160	6.8	0.2080	0.0000	OK
960 minute winter	S4	900	186.372	0.994	12.9	1.1809	0.0000	SURCHARGED
960 minute winter	S5	900	186.372	1.392	1.9	1.5743	0.0000	SURCHARGED
960 minute winter	S6	1050	184.881	0.037	1.6	0.0416	0.0000	OK
960 minute winter	S7	1110	184.800	0.021	1.5	0.0236	0.0000	OK
960 minute winter	S8	1110	184.412	0.022	1.5	0.0248	0.0000	OK
960 minute winter	S9	1110	184.233	0.033	1.5	0.0378	0.0000	OK
960 minute winter	S10	510	184.227	0.043	7.2	0.0656	0.0000	OK
960 minute winter	S11	480	186.426	0.026	0.8	0.0419	0.0000	OK
960 minute winter	S12	510	186.212	0.036	1.5	0.0403	0.0000	OK
960 minute winter	S13	510	186.065	0.031	2.9	0.0442	0.0000	OK
960 minute winter	S14	510	185.303	0.053	4.0	0.0826	0.0000	OK
960 minute winter	S15	510	184.903	0.036	5.2	0.0504	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	S1	1.000	J1	0.3	0.343	0.034	0.0077
960 minute winter	S2	1.012	J12	4.8	0.564	0.160	0.0127
960 minute winter	S3	1.019	J18	6.8	0.881	0.223	0.1639
960 minute winter	S4	1.022	BASIN 1	10.7	0.910	0.064	1.1778
960 minute winter	S5	1.024	SWALE 1	1.6	0.342	0.031	0.0975
960 minute winter	S6	1.026	BASIN 2	1.6	0.392	0.030	0.0274
960 minute winter	S7	1.028	SWALE 2	1.5	0.449	0.010	0.0570
960 minute winter	S8	1.030	S9	1.5	0.464	0.011	0.0393
960 minute winter	S9	1.031	S10	1.5	0.496	0.028	0.0310
960 minute winter	S10	1.032	SWALE 3	7.2	0.828	0.040	0.0383
960 minute winter	S11	32.000	J28	0.8	0.472	0.135	0.0077
960 minute winter	S12	32.003	J30	1.5	0.434	0.112	0.0176
960 minute winter	S13	32.007	J33	2.9	1.108	0.090	0.0341
960 minute winter	S14	32.009	J34	4.0	0.763	0.231	0.0275
960 minute winter	S15	32.013	J37	5.2	0.814	0.056	0.0606

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S16	510	184.587	0.030	5.7	0.0382	0.0000	OK
960 minute winter	S17	900	186.372	0.372	0.2	0.4207	0.0000	SURCHARGED
960 minute winter	S18	900	186.372	0.711	1.9	1.0046	0.0000	SURCHARGED
960 minute winter	S19	900	186.372	0.881	3.1	1.2070	0.0000	SURCHARGED
960 minute winter	S20	510	184.664	0.022	0.6	0.0270	0.0000	OK
960 minute winter	S21	510	184.492	0.033	1.3	0.0396	0.0000	OK
960 minute winter	S22	990	184.423	0.137	2.7	0.1668	0.0000	OK
960 minute winter	S23	1035	184.419	0.261	5.9	0.3086	0.0000	SURCHARGED
960 minute winter	S24	945	184.424	0.447	7.7	0.6495	0.0000	SURCHARGED
960 minute winter	S25	930	184.420	0.494	8.1	0.5589	0.0000	SURCHARGED
960 minute winter	S26	510	185.390	0.013	0.3	0.0156	0.0000	OK
960 minute winter	FC1	555	188.353	0.103	0.3	0.1373	0.0000	SURCHARGED
960 minute winter	FC2	555	188.253	0.103	0.3	0.1377	0.0000	SURCHARGED
960 minute winter	FC3	525	188.461	0.261	0.5	0.3791	0.0000	SURCHARGED
960 minute winter	FC4	525	188.251	0.051	0.2	0.0653	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	S16	32.015	J38	5.7	0.848	0.039	0.0162
960 minute winter	S17	23.001	J20	0.2	0.265	0.033	0.0560
960 minute winter	S18	23.006	J24	1.8	0.471	0.129	0.0323
960 minute winter	S19	23.010	J27	4.3	0.420	0.144	0.3541
960 minute winter	S20	48.001	J41	0.6	0.474	0.101	0.0059
960 minute winter	S21	48.004	J43	1.3	0.587	0.220	0.0113
960 minute winter	S22	48.008	J46	3.0	0.492	0.226	0.0418
960 minute winter	S23	48.011	J48	4.8	0.416	0.155	0.0447
960 minute winter	S24	48.018	J56	7.7	0.472	0.144	0.2989
960 minute winter	S25	48.021	BASIN 4	8.1	0.609	0.146	0.2248
960 minute winter	S26	65.001	J54	0.3	0.515	0.034	0.0050
960 minute winter	FC1	2.000	J1	0.3	0.299	0.048	0.0048
960 minute winter	FC2	3.000	J2	0.3	0.198	0.050	0.0071
960 minute winter	FC3	4.000	J3	0.5	0.479	0.078	0.0097
960 minute winter	FC4	5.000	J4	0.2	0.413	0.026	0.0036

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC5	555	188.104	0.104	0.3	0.1382	0.0000	SURCHARGED
960 minute winter	FC6	510	187.900	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC7	540	187.801	0.051	0.2	0.0657	0.0000	OK
960 minute winter	FC8	555	187.851	0.101	0.3	0.1338	0.0000	SURCHARGED
960 minute winter	FC9	555	187.522	0.052	0.2	0.0670	0.0000	OK
960 minute winter	FC10	555	187.644	0.174	0.4	0.2451	0.0000	SURCHARGED
960 minute winter	FC11	525	187.424	0.104	0.3	0.1358	0.0000	SURCHARGED
960 minute winter	FC12	525	187.334	0.104	0.3	0.1359	0.0000	SURCHARGED
960 minute winter	FC13	555	187.104	0.104	0.3	0.1380	0.0000	SURCHARGED
960 minute winter	FC14	555	186.985	0.085	0.3	1.0865	0.0000	OK
960 minute winter	FC15	510	187.250	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC16	525	186.951	0.051	0.2	0.0664	0.0000	OK
960 minute winter	FC17	510	187.050	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC18	525	186.602	0.052	0.2	0.0671	0.0000	OK
960 minute winter	FC19	555	186.504	0.104	0.3	0.1381	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC5	6.000	J5	0.3	0.390	0.051	0.0032
960 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032
960 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037
960 minute winter	FC8	9.000	J8	0.3	0.550	0.031	0.0023
960 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041
960 minute winter	FC10	11.000	J10	0.4	0.460	0.060	0.0054
960 minute winter	FC11	12.000	J11	0.3	0.392	0.051	0.0059
960 minute winter	FC12	13.000	S2	0.3	0.392	0.051	0.0053
960 minute winter	FC13	14.000	J12	0.3	0.393	0.051	0.0052
960 minute winter	FC14	15.000	J13	0.3	0.380	0.045	0.0053
960 minute winter	FC15	16.000	J14	0.2	0.731	0.012	0.0013
960 minute winter	FC16	17.000	J15	0.2	0.370	0.031	0.0041
960 minute winter	FC17	18.000	J16	0.2	0.585	0.016	0.0016
960 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0040
960 minute winter	FC19	20.000	S3	0.3	0.391	0.051	0.0089

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC20	555	187.049	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC21	555	186.404	0.104	0.3	0.1381	0.0000	SURCHARGED
960 minute winter	FC22	600	186.500	0.050	0.2	0.4819	0.0000	OK
960 minute winter	FC23	900	186.372	0.072	0.2	0.0930	0.0000	OK
960 minute winter	FC24	555	186.402	0.102	0.3	0.1360	0.0000	SURCHARGED
960 minute winter	FC25	555	186.649	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC26	600	186.500	0.049	0.2	0.5003	0.0000	OK
960 minute winter	FC27	510	186.550	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC28	555	186.599	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC29	570	186.599	0.099	0.3	0.1339	0.0000	OK
960 minute winter	FC30	555	186.849	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC31	510	186.500	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC32	510	186.500	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC33	555	186.549	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC34	555	186.554	0.103	0.3	0.1377	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC20	21.000	J18	0.3	0.782	0.019	0.0017
960 minute winter	FC21	22.000	J19	0.3	0.392	0.051	0.0530
960 minute winter	FC22	23.000	S17	0.2	0.492	0.011	0.0193
960 minute winter	FC23	24.000	J20	0.2	0.362	0.032	0.0318
960 minute winter	FC24	25.000	J21	0.3	0.457	0.040	0.0322
960 minute winter	FC25	26.000	J22	0.3	0.776	0.019	0.0189
960 minute winter	FC26	27.000	J23	0.2	0.607	0.015	0.0185
960 minute winter	FC27	28.000	J24	0.2	0.755	0.011	0.0181
960 minute winter	FC28	29.000	J25	0.3	0.780	0.019	0.0174
960 minute winter	FC29	30.000	J26	0.3	0.759	0.020	0.0189
960 minute winter	FC30	31.000	J27	0.3	0.729	0.021	0.0018
960 minute winter	FC31	33.000	J28	0.2	0.230	0.022	0.0047
960 minute winter	FC32	34.000	J29	0.2	0.205	0.016	0.0052
960 minute winter	FC33	35.000	S12	0.3	0.716	0.021	0.0017
960 minute winter	FC34	36.000	J30	0.3	0.402	0.049	0.0036

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC35	555	186.549	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC36	570	186.549	0.099	0.3	0.1339	0.0000	OK
960 minute winter	FC37	540	185.971	0.171	0.4	0.2383	0.0000	SURCHARGED
960 minute winter	FC38	600	185.499	0.049	0.2	0.5890	0.0000	OK
960 minute winter	FC39	510	185.500	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC40	555	185.599	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC41	555	184.950	0.100	0.3	0.1331	0.0000	SURCHARGED
960 minute winter	FC42	555	184.701	0.101	0.3	0.1347	0.0000	SURCHARGED
960 minute winter	FC43	555	184.700	0.100	0.3	0.1330	0.0000	OK
960 minute winter	FC44	390	184.610	0.009	0.2	0.0122	0.0000	OK
960 minute winter	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
960 minute winter	FC46	555	184.874	0.174	0.4	0.2460	0.0000	SURCHARGED
960 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute winter	FC48	555	184.899	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC49	555	184.904	0.104	0.3	0.1382	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC35	37.000	J31	0.3	0.721	0.021	0.0021
960 minute winter	FC36	38.000	J32	0.3	0.774	0.019	0.0019
960 minute winter	FC37	39.000	J33	0.4	0.564	0.045	0.0047
960 minute winter	FC38	40.000	J34	0.2	0.582	0.016	0.0016
960 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014
960 minute winter	FC40	42.000	J36	0.3	0.889	0.016	0.0017
960 minute winter	FC41	43.000	J37	0.3	0.581	0.029	0.0026
960 minute winter	FC42	44.000	J38	0.3	0.508	0.035	0.0029
960 minute winter	FC43	45.000	J39	0.3	0.592	0.028	0.0022
960 minute winter	FC44	46.000	J40	0.2	0.541	0.018	0.0016
960 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
960 minute winter	FC46	48.000	S20	0.4	0.388	0.067	0.0066
960 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0033
960 minute winter	FC48	50.000	J42	0.3	0.326	0.021	0.0052
960 minute winter	FC49	51.000	S21	0.3	0.390	0.051	0.0034

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC50	555	184.904	0.104	0.3	0.1382	0.0000	SURCHARGED
960 minute winter	FC51	555	184.954	0.104	0.3	0.1381	0.0000	SURCHARGED
960 minute winter	FC52	510	185.417	0.167	0.4	0.2288	0.0000	SURCHARGED
960 minute winter	FC53	555	185.351	0.101	0.3	0.1341	0.0000	SURCHARGED
960 minute winter	FC54	510	185.300	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC55	510	185.300	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC56	555	185.449	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC57	555	185.449	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC58	510	185.400	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC59	510	185.400	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC60	555	185.449	0.099	0.3	0.1322	0.0000	OK
960 minute winter	FC61	555	185.401	0.101	0.3	0.1346	0.0000	SURCHARGED
960 minute winter	FC62	510	185.503	0.253	0.5	0.3619	0.0000	SURCHARGED
960 minute winter	FC63	540	185.452	0.052	0.2	0.0674	0.0000	OK
960 minute winter	FC64	555	185.104	0.103	0.3	0.1377	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC50	52.000	J43	0.3	0.390	0.051	0.0036
960 minute winter	FC51	55.000	S22	0.3	0.391	0.051	0.0047
960 minute winter	FC52	58.000	S23	0.4	0.614	0.039	0.0035
960 minute winter	FC53	61.000	J50	0.3	0.533	0.032	0.0024
960 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015
960 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013
960 minute winter	FC56	53.000	J44	0.3	0.765	0.019	0.0026
960 minute winter	FC57	54.000	J45	0.3	0.718	0.021	0.0027
960 minute winter	FC58	56.000	J46	0.2	0.614	0.015	0.0020
960 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0023
960 minute winter	FC60	59.000	J48	0.3	0.634	0.025	0.0031
960 minute winter	FC61	60.000	J49	0.3	0.510	0.035	0.0043
960 minute winter	FC62	63.000	J52	0.5	0.542	0.064	0.0085
960 minute winter	FC63	65.000	S26	0.2	0.338	0.034	0.0014
960 minute winter	FC64	66.000	J54	0.3	0.295	0.051	0.0023

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC65	555	185.249	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC66	555	185.103	0.103	0.3	0.1367	0.0000	SURCHARGED
960 minute winter	FC67	600	184.851	0.051	0.2	0.5287	0.0000	OK
960 minute winter	FC68	510	184.600	0.050	0.2	0.0648	0.0000	OK
960 minute winter	J1	555	188.222	0.022	0.9	0.0301	0.0000	OK
960 minute winter	J2	555	188.140	0.034	1.2	0.0389	0.0000	OK
960 minute winter	J3	525	188.083	0.037	1.7	0.0414	0.0000	OK
960 minute winter	J4	525	188.061	0.026	1.9	0.0291	0.0000	OK
960 minute winter	J5	525	187.935	0.024	2.2	0.0277	0.0000	OK
960 minute winter	J6	525	187.683	0.033	2.4	0.0377	0.0000	OK
960 minute winter	J7	525	187.645	0.045	2.6	0.0506	0.0000	OK
960 minute winter	J8	525	187.626	0.033	2.9	0.0368	0.0000	OK
960 minute winter	J9	525	187.321	0.046	3.1	0.0515	0.0000	OK
960 minute winter	J10	525	187.296	0.026	3.5	0.0296	0.0000	OK
960 minute winter	J11	525	187.159	0.038	3.8	0.0427	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC65	67.000	J55	0.3	0.329	0.016	0.0023
960 minute winter	FC66	68.000	S24	0.3	0.440	0.042	0.0014
960 minute winter	FC67	69.000	J56	0.2	0.339	0.034	0.0012
960 minute winter	FC68	70.000	J57	0.2	0.458	0.022	0.0010
960 minute winter	J1	1.001	J2	0.9	0.494	0.108	0.0092
960 minute winter	J2	1.002	J3	1.2	0.546	0.203	0.0023
960 minute winter	J3	1.003	J4	1.7	0.643	0.128	0.0052
960 minute winter	J4	1.004	J5	1.9	0.982	0.056	0.0068
960 minute winter	J5	1.005	J6	2.2	0.926	0.057	0.0135
960 minute winter	J6	1.006	J7	2.4	0.659	0.084	0.0072
960 minute winter	J7	1.007	J8	2.6	0.725	0.186	0.0041
960 minute winter	J8	1.008	J9	2.9	1.058	0.096	0.0232
960 minute winter	J9	1.009	J10	3.1	0.776	0.094	0.0050
960 minute winter	J10	1.010	J11	3.5	1.022	0.027	0.0085
960 minute winter	J11	1.011	S2	3.8	0.568	0.059	0.0367

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J12	495	186.851	0.042	5.1	0.0477	0.0000	OK
960 minute winter	J13	495	186.777	0.075	5.3	0.0852	0.0000	OK
960 minute winter	J14	495	186.767	0.072	5.5	0.0818	0.0000	OK
960 minute winter	J15	495	186.754	0.066	5.7	0.0744	0.0000	OK
960 minute winter	J16	495	186.723	0.053	5.9	0.0599	0.0000	OK
960 minute winter	J17	495	186.391	0.033	6.1	0.0377	0.0000	OK
960 minute winter	J18	900	186.372	0.178	8.3	0.2013	0.0000	OK
960 minute winter	J19	900	186.372	0.345	11.8	0.3902	0.0000	SURCHARGED
960 minute winter	J20	900	186.372	0.441	0.4	0.4987	0.0000	SURCHARGED
960 minute winter	J21	900	186.372	0.477	0.7	0.5395	0.0000	SURCHARGED
960 minute winter	J22	900	186.372	0.554	1.0	0.6266	0.0000	SURCHARGED
960 minute winter	J23	900	186.372	0.589	1.2	0.6662	0.0000	SURCHARGED
960 minute winter	J24	900	186.372	0.722	2.0	0.8166	0.0000	SURCHARGED
960 minute winter	J25	900	186.372	0.757	3.5	0.8562	0.0000	SURCHARGED
960 minute winter	J26	900	186.372	0.785	2.5	0.8878	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J12	1.013	J13	5.1	0.618	0.076	0.0543
960 minute winter	J13	1.014	J14	5.3	0.471	0.170	0.0215
960 minute winter	J14	1.015	J15	5.5	0.536	0.177	0.0198
960 minute winter	J15	1.016	J16	5.7	0.686	0.187	0.0429
960 minute winter	J16	1.017	J17	5.9	0.900	0.098	0.0221
960 minute winter	J17	1.018	S3	6.1	0.904	0.042	0.0294
960 minute winter	J18	1.020	J19	10.4	1.523	0.080	0.0547
960 minute winter	J19	1.021	S4	12.8	0.594	0.233	0.3096
960 minute winter	J20	23.002	J21	0.4	0.350	0.067	0.0295
960 minute winter	J21	23.003	J22	0.7	0.424	0.117	0.0627
960 minute winter	J22	23.004	J23	1.0	0.508	0.166	0.0281
960 minute winter	J23	23.005	S18	1.2	0.576	0.199	0.0587
960 minute winter	J24	23.007	J25	2.0	0.470	0.147	0.1088
960 minute winter	J25	23.008	J26	2.2	0.472	0.165	0.0874
960 minute winter	J26	23.009	S19	2.8	0.538	0.208	0.0652

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J27	900	186.372	0.911	7.8	1.0303	0.0000	SURCHARGED
960 minute winter	J28	495	186.384	0.028	1.0	0.0318	0.0000	OK
960 minute winter	J29	495	186.303	0.032	1.2	0.0362	0.0000	OK
960 minute winter	J30	510	186.187	0.040	1.8	0.0448	0.0000	OK
960 minute winter	J31	510	186.160	0.041	2.1	0.0469	0.0000	OK
960 minute winter	J32	510	186.108	0.044	2.4	0.0502	0.0000	OK
960 minute winter	J33	510	185.641	0.031	3.3	0.0350	0.0000	OK
960 minute winter	J34	510	185.177	0.052	4.2	0.0588	0.0000	OK
960 minute winter	J35	510	185.109	0.034	4.4	0.0383	0.0000	OK
960 minute winter	J36	510	184.931	0.056	4.7	0.0630	0.0000	OK
960 minute winter	J37	510	184.637	0.062	5.5	0.0701	0.0000	OK
960 minute winter	J38	510	184.447	0.072	6.0	0.0809	0.0000	OK
960 minute winter	J39	510	184.410	0.072	6.3	0.0812	0.0000	OK
960 minute winter	J40	510	184.387	0.062	6.5	0.0701	0.0000	OK
960 minute winter	J41	510	184.619	0.022	0.6	0.0245	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J27	23.011	S4	6.3	0.481	0.210	0.0951
960 minute winter	J28	32.001	J29	1.0	0.505	0.169	0.0175
960 minute winter	J29	32.002	S12	1.2	0.575	0.202	0.0097
960 minute winter	J30	32.004	J31	1.8	0.469	0.136	0.0191
960 minute winter	J31	32.005	J32	2.1	0.505	0.158	0.0405
960 minute winter	J32	32.006	S13	2.4	0.692	0.180	0.0185
960 minute winter	J33	32.008	S14	3.3	0.826	0.093	0.0369
960 minute winter	J34	32.010	J35	4.2	0.795	0.109	0.0481
960 minute winter	J35	32.011	J36	4.4	0.785	0.049	0.0390
960 minute winter	J36	32.012	S15	4.7	0.810	0.156	0.0139
960 minute winter	J37	32.014	S16	5.5	0.941	0.180	0.0312
960 minute winter	J38	32.016	J39	6.0	0.551	0.198	0.1175
960 minute winter	J39	32.017	J40	6.3	0.637	0.204	0.0361
960 minute winter	J40	32.018	S10	6.5	0.761	0.151	0.0817
960 minute winter	J41	48.002	J42	0.6	0.415	0.101	0.0090

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J42	510	184.564	0.026	0.9	0.0299	0.0000	OK
960 minute winter	J43	1095	184.431	0.071	1.6	0.0798	0.0000	OK
960 minute winter	J44	1095	184.429	0.079	1.9	0.0893	0.0000	OK
960 minute winter	J45	990	184.423	0.123	2.2	0.1388	0.0000	OK
960 minute winter	J46	990	184.422	0.150	3.0	0.1694	0.0000	OK
960 minute winter	J47	990	184.425	0.177	4.0	0.1999	0.0000	SURCHARGED
960 minute winter	J48	990	184.434	0.280	10.1	0.3167	0.0000	SURCHARGED
960 minute winter	J49	1050	184.419	0.290	19.2	0.3279	0.0000	SURCHARGED
960 minute winter	J50	1020	184.423	0.298	16.3	0.3365	0.0000	SURCHARGED
960 minute winter	J51	945	184.424	0.316	22.1	0.3573	0.0000	SURCHARGED
960 minute winter	J52	1065	184.447	0.343	23.4	0.3877	0.0000	SURCHARGED
960 minute winter	J53	945	184.423	0.336	5.5	0.3803	0.0000	SURCHARGED
960 minute winter	J54	555	185.001	0.022	0.6	0.0252	0.0000	OK
960 minute winter	J55	555	184.971	0.027	0.9	0.0307	0.0000	OK
960 minute winter	J56	945	184.419	0.452	7.9	0.5116	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J42	48.003	S21	0.9	0.458	0.153	0.0161
960 minute winter	J43	48.005	J44	1.6	0.444	0.115	0.0141
960 minute winter	J44	48.006	J45	1.9	0.452	0.142	0.1054
960 minute winter	J45	48.007	S22	2.2	0.423	0.162	0.0383
960 minute winter	J46	48.009	J47	4.0	0.521	0.303	0.0742
960 minute winter	J47	48.010	S23	3.4	0.581	0.255	0.0465
960 minute winter	J48	48.012	J49	4.0	0.414	0.134	0.2962
960 minute winter	J49	48.013	J50	5.4	0.411	0.176	0.0451
960 minute winter	J50	48.014	J51	4.6	0.429	0.154	0.2018
960 minute winter	J51	48.015	J52	6.8	0.442	0.223	0.0451
960 minute winter	J52	48.016	J53	5.3	0.518	0.173	0.1938
960 minute winter	J53	48.017	S24	5.5	0.595	0.182	0.4079
960 minute winter	J54	65.002	J55	0.6	0.400	0.101	0.0055
960 minute winter	J55	65.003	S24	0.9	0.535	0.153	0.0132
960 minute winter	J56	48.019	J57	7.9	0.494	0.145	0.6398

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Results for 30 year +35% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J57	945	184.420	0.475	8.1	0.5369	0.0000	SURCHARGED
960 minute winter	BASIN 1	900	186.372	1.372	10.7	194.5434	0.0000	SURCHARGED
960 minute winter	BASIN 2	1110	184.866	0.566	1.6	57.2630	0.0000	OK
960 minute winter	BASIN 3	1200	183.345	0.245	7.2	173.1927	0.0000	OK
960 minute winter	BASIN 4	945	184.417	1.087	8.1	166.3340	0.0000	SURCHARGED
960 minute winter	SWALE 1	900	184.968	0.036	1.6	0.0407	0.0000	OK
960 minute winter	SWALE 2	1110	184.486	0.036	1.5	0.0404	0.0000	OK
960 minute winter	SWALE 3	510	184.136	0.066	7.2	0.0744	0.0000	OK
960 minute winter	BH1	1110	184.866	0.788	0.5	3.0882	0.0000	OK
960 minute winter	BH2	1200	183.345	0.293	0.8	3.0619	0.0000	OK
960 minute winter	BH3	930	184.417	1.111	1.2	6.7902	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J57	48.020	S25	8.1	0.526	0.150	0.5574
960 minute winter	BASIN 1	1.023	S5	1.9	0.112	0.036	0.6013
960 minute winter	BASIN 2	1.027	S7	1.5	0.451	0.028	0.0739
960 minute winter	BASIN 2	71.000	BH1	0.5	0.394	0.080	0.1829
960 minute winter	BASIN 3	1.034	BH2	0.8	0.241	0.010	2.2790
960 minute winter	BASIN 4	48.022	BH3	1.2	0.398	0.023	0.7181
960 minute winter	SWALE 1	1.025	S6	1.6	0.342	0.031	0.1812
960 minute winter	SWALE 2	1.029	S8	1.5	0.437	0.028	0.0899
960 minute winter	SWALE 3	1.033	BASIN 3	7.2	0.647	0.104	0.4803
960 minute winter	BH1	Infiltration		0.1			
960 minute winter	BH2	Infiltration		0.2			
960 minute winter	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S1	720	188.383	0.013	0.3	0.0172	0.0000	OK
1440 minute summer	S2	750	187.103	0.064	4.7	0.0935	0.0000	OK
1440 minute summer	S3	750	186.281	0.069	6.7	0.0891	0.0000	OK
1440 minute summer	S4	1050	186.210	0.832	10.4	0.9888	0.0000	SURCHARGED
1440 minute summer	S5	1050	186.210	1.230	1.5	1.3915	0.0000	SURCHARGED
1440 minute summer	S6	1050	184.879	0.035	1.5	0.0400	0.0000	OK
1440 minute summer	S7	1410	184.799	0.020	1.4	0.0227	0.0000	OK
1440 minute summer	S8	1410	184.411	0.021	1.4	0.0239	0.0000	OK
1440 minute summer	S9	1410	184.232	0.032	1.4	0.0364	0.0000	OK
1440 minute summer	S10	750	184.227	0.043	7.2	0.0655	0.0000	OK
1440 minute summer	S11	750	186.426	0.026	0.8	0.0419	0.0000	OK
1440 minute summer	S12	750	186.212	0.036	1.5	0.0403	0.0000	OK
1440 minute summer	S13	750	186.065	0.031	2.9	0.0442	0.0000	OK
1440 minute summer	S14	750	185.303	0.053	4.0	0.0825	0.0000	OK
1440 minute summer	S15	750	184.903	0.036	5.2	0.0504	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	S1	1.000	J1	0.3	0.332	0.034	0.0077
1440 minute summer	S2	1.012	J12	4.7	0.560	0.156	0.0125
1440 minute summer	S3	1.019	J18	6.7	0.877	0.219	0.0397
1440 minute summer	S4	1.022	BASIN 1	10.4	0.739	0.062	1.1778
1440 minute summer	S5	1.024	SWALE 1	1.5	0.336	0.029	0.0932
1440 minute summer	S6	1.026	BASIN 2	1.5	0.384	0.028	0.0259
1440 minute summer	S7	1.028	SWALE 2	1.4	0.436	0.009	0.0540
1440 minute summer	S8	1.030	S9	1.4	0.452	0.010	0.0372
1440 minute summer	S9	1.031	S10	1.4	0.478	0.026	0.0309
1440 minute summer	S10	1.032	SWALE 3	7.2	0.828	0.040	0.0382
1440 minute summer	S11	32.000	J28	0.8	0.472	0.135	0.0077
1440 minute summer	S12	32.003	J30	1.5	0.434	0.112	0.0176
1440 minute summer	S13	32.007	J33	2.9	1.108	0.090	0.0340
1440 minute summer	S14	32.009	J34	4.0	0.762	0.230	0.0274
1440 minute summer	S15	32.013	J37	5.2	0.814	0.056	0.0604

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S16	750	184.587	0.030	5.7	0.0381	0.0000	OK
1440 minute summer	S17	1050	186.209	0.209	0.2	0.2359	0.0000	SURCHARGED
1440 minute summer	S18	1050	186.211	0.550	1.8	0.7772	0.0000	SURCHARGED
1440 minute summer	S19	1050	186.212	0.721	3.0	0.9876	0.0000	SURCHARGED
1440 minute summer	S20	750	184.664	0.022	0.6	0.0270	0.0000	OK
1440 minute summer	S21	750	184.492	0.033	1.3	0.0395	0.0000	OK
1440 minute summer	S22	750	184.339	0.053	2.7	0.0642	0.0000	OK
1440 minute summer	S23	1110	184.271	0.113	3.7	0.1340	0.0000	OK
1440 minute summer	S24	1170	184.268	0.291	7.7	0.4221	0.0000	OK
1440 minute summer	S25	1230	184.266	0.340	8.0	0.3849	0.0000	SURCHARGED
1440 minute summer	S26	810	185.390	0.013	0.3	0.0156	0.0000	OK
1440 minute summer	FC1	780	188.353	0.103	0.3	0.1372	0.0000	SURCHARGED
1440 minute summer	FC2	780	188.253	0.103	0.3	0.1376	0.0000	SURCHARGED
1440 minute summer	FC3	750	188.448	0.248	0.5	0.3600	0.0000	SURCHARGED
1440 minute summer	FC4	810	188.251	0.051	0.2	0.0653	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	S16	32.015	J38	5.7	0.847	0.039	0.0161
1440 minute summer	S17	23.001	J20	0.2	0.264	0.033	0.0560
1440 minute summer	S18	23.006	J24	1.7	0.448	0.127	0.0323
1440 minute summer	S19	23.010	J27	2.9	0.406	0.095	0.3541
1440 minute summer	S20	48.001	J41	0.6	0.473	0.100	0.0058
1440 minute summer	S21	48.004	J43	1.3	0.587	0.219	0.0113
1440 minute summer	S22	48.008	J46	2.7	0.492	0.201	0.0133
1440 minute summer	S23	48.011	J48	3.7	0.415	0.120	0.0225
1440 minute summer	S24	48.018	J56	7.7	0.472	0.143	0.2974
1440 minute summer	S25	48.021	BASIN 4	8.0	0.609	0.146	0.2248
1440 minute summer	S26	65.001	J54	0.3	0.515	0.034	0.0050
1440 minute summer	FC1	2.000	J1	0.3	0.299	0.048	0.0048
1440 minute summer	FC2	3.000	J2	0.3	0.198	0.050	0.0071
1440 minute summer	FC3	4.000	J3	0.5	0.475	0.076	0.0095
1440 minute summer	FC4	5.000	J4	0.2	0.413	0.026	0.0036

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC5	780	188.104	0.104	0.3	0.1382	0.0000	SURCHARGED
1440 minute summer	FC6	810	187.900	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC7	810	187.801	0.051	0.2	0.0657	0.0000	OK
1440 minute summer	FC8	780	187.851	0.100	0.3	0.1337	0.0000	SURCHARGED
1440 minute summer	FC9	810	187.522	0.052	0.2	0.0670	0.0000	OK
1440 minute summer	FC10	780	187.643	0.173	0.4	0.2447	0.0000	SURCHARGED
1440 minute summer	FC11	750	187.422	0.102	0.3	0.1333	0.0000	SURCHARGED
1440 minute summer	FC12	750	187.332	0.102	0.3	0.1333	0.0000	SURCHARGED
1440 minute summer	FC13	780	187.104	0.104	0.3	0.1380	0.0000	SURCHARGED
1440 minute summer	FC14	780	186.977	0.077	0.3	0.9896	0.0000	OK
1440 minute summer	FC15	810	187.250	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC16	810	186.951	0.051	0.2	0.0664	0.0000	OK
1440 minute summer	FC17	810	187.050	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC18	810	186.602	0.052	0.2	0.0671	0.0000	OK
1440 minute summer	FC19	780	186.504	0.104	0.3	0.1381	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC5	6.000	J5	0.3	0.390	0.051	0.0032
1440 minute summer	FC6	7.000	J6	0.2	0.453	0.023	0.0032
1440 minute summer	FC7	8.000	J7	0.2	0.394	0.028	0.0037
1440 minute summer	FC8	9.000	J8	0.3	0.550	0.031	0.0023
1440 minute summer	FC9	10.000	J9	0.2	0.349	0.034	0.0041
1440 minute summer	FC10	11.000	J10	0.4	0.460	0.060	0.0054
1440 minute summer	FC11	12.000	J11	0.3	0.390	0.050	0.0059
1440 minute summer	FC12	13.000	S2	0.3	0.390	0.050	0.0052
1440 minute summer	FC13	14.000	J12	0.3	0.393	0.051	0.0052
1440 minute summer	FC14	15.000	J13	0.3	0.374	0.043	0.0051
1440 minute summer	FC15	16.000	J14	0.2	0.731	0.012	0.0013
1440 minute summer	FC16	17.000	J15	0.2	0.370	0.031	0.0041
1440 minute summer	FC17	18.000	J16	0.2	0.585	0.016	0.0016
1440 minute summer	FC18	19.000	J17	0.2	0.347	0.034	0.0040
1440 minute summer	FC19	20.000	S3	0.3	0.391	0.051	0.0051

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC20	780	187.049	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC21	780	186.404	0.104	0.3	0.1380	0.0000	SURCHARGED
1440 minute summer	FC22	810	186.498	0.048	0.2	0.4704	0.0000	OK
1440 minute summer	FC23	810	186.352	0.052	0.2	0.0667	0.0000	OK
1440 minute summer	FC24	780	186.402	0.102	0.3	0.1360	0.0000	SURCHARGED
1440 minute summer	FC25	780	186.649	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC26	810	186.498	0.048	0.2	0.4874	0.0000	OK
1440 minute summer	FC27	810	186.550	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC28	780	186.599	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC29	780	186.599	0.099	0.3	0.1339	0.0000	OK
1440 minute summer	FC30	780	186.849	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC31	810	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC32	810	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC33	780	186.549	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC34	780	186.554	0.103	0.3	0.1377	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC20	21.000	J18	0.3	0.782	0.019	0.0017
1440 minute summer	FC21	22.000	J19	0.3	0.392	0.051	0.0059
1440 minute summer	FC22	23.000	S17	0.2	0.491	0.010	0.0191
1440 minute summer	FC23	24.000	J20	0.2	0.362	0.032	0.0025
1440 minute summer	FC24	25.000	J21	0.3	0.457	0.040	0.0030
1440 minute summer	FC25	26.000	J22	0.3	0.776	0.019	0.0018
1440 minute summer	FC26	27.000	J23	0.2	0.604	0.015	0.0015
1440 minute summer	FC27	28.000	J24	0.2	0.755	0.011	0.0177
1440 minute summer	FC28	29.000	J25	0.3	0.780	0.019	0.0017
1440 minute summer	FC29	30.000	J26	0.3	0.759	0.020	0.0019
1440 minute summer	FC30	31.000	J27	0.3	0.728	0.021	0.0018
1440 minute summer	FC31	33.000	J28	0.2	0.231	0.022	0.0047
1440 minute summer	FC32	34.000	J29	0.2	0.206	0.016	0.0052
1440 minute summer	FC33	35.000	S12	0.3	0.716	0.021	0.0017
1440 minute summer	FC34	36.000	J30	0.3	0.402	0.049	0.0036

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC35	780	186.549	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC36	780	186.549	0.099	0.3	0.1339	0.0000	OK
1440 minute summer	FC37	750	185.965	0.165	0.4	0.2295	0.0000	SURCHARGED
1440 minute summer	FC38	810	185.497	0.047	0.2	0.5684	0.0000	OK
1440 minute summer	FC39	810	185.500	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC40	780	185.599	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC41	780	184.950	0.100	0.3	0.1331	0.0000	OK
1440 minute summer	FC42	780	184.701	0.101	0.3	0.1347	0.0000	SURCHARGED
1440 minute summer	FC43	780	184.700	0.100	0.3	0.1329	0.0000	OK
1440 minute summer	FC44	690	184.610	0.009	0.2	0.0122	0.0000	OK
1440 minute summer	FC45	30	184.600	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	FC46	780	184.874	0.174	0.4	0.2456	0.0000	SURCHARGED
1440 minute summer	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	FC48	780	184.899	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC49	780	184.904	0.104	0.3	0.1382	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC35	37.000	J31	0.3	0.721	0.021	0.0021
1440 minute summer	FC36	38.000	J32	0.3	0.774	0.019	0.0019
1440 minute summer	FC37	39.000	J33	0.4	0.561	0.044	0.0046
1440 minute summer	FC38	40.000	J34	0.2	0.578	0.015	0.0016
1440 minute summer	FC39	41.000	J35	0.2	0.645	0.014	0.0014
1440 minute summer	FC40	42.000	J36	0.3	0.888	0.016	0.0017
1440 minute summer	FC41	43.000	J37	0.3	0.581	0.029	0.0026
1440 minute summer	FC42	44.000	J38	0.3	0.508	0.035	0.0029
1440 minute summer	FC43	45.000	J39	0.3	0.592	0.028	0.0022
1440 minute summer	FC44	46.000	J40	0.2	0.541	0.018	0.0016
1440 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
1440 minute summer	FC46	48.000	S20	0.4	0.388	0.067	0.0066
1440 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0033
1440 minute summer	FC48	50.000	J42	0.3	0.325	0.021	0.0052
1440 minute summer	FC49	51.000	S21	0.3	0.390	0.051	0.0034

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC50	780	184.904	0.104	0.3	0.1382	0.0000	SURCHARGED
1440 minute summer	FC51	780	184.954	0.104	0.3	0.1381	0.0000	SURCHARGED
1440 minute summer	FC52	750	185.414	0.164	0.4	0.2253	0.0000	SURCHARGED
1440 minute summer	FC53	780	185.351	0.101	0.3	0.1341	0.0000	SURCHARGED
1440 minute summer	FC54	810	185.300	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC55	810	185.300	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC56	780	185.449	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC57	780	185.449	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC58	810	185.400	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC59	810	185.400	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	FC60	780	185.449	0.099	0.3	0.1322	0.0000	OK
1440 minute summer	FC61	780	185.401	0.101	0.3	0.1345	0.0000	SURCHARGED
1440 minute summer	FC62	750	185.497	0.247	0.5	0.3534	0.0000	SURCHARGED
1440 minute summer	FC63	810	185.452	0.052	0.2	0.0674	0.0000	OK
1440 minute summer	FC64	780	185.104	0.103	0.3	0.1377	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC50	52.000	J43	0.3	0.390	0.051	0.0036
1440 minute summer	FC51	55.000	S22	0.3	0.391	0.051	0.0047
1440 minute summer	FC52	58.000	S23	0.4	0.613	0.039	0.0035
1440 minute summer	FC53	61.000	J50	0.3	0.533	0.032	0.0024
1440 minute summer	FC54	62.000	J51	0.2	0.524	0.019	0.0015
1440 minute summer	FC55	64.000	J53	0.2	0.659	0.013	0.0013
1440 minute summer	FC56	53.000	J44	0.3	0.765	0.019	0.0026
1440 minute summer	FC57	54.000	J45	0.3	0.718	0.021	0.0027
1440 minute summer	FC58	56.000	J46	0.2	0.614	0.015	0.0020
1440 minute summer	FC59	57.000	J47	0.2	0.569	0.017	0.0023
1440 minute summer	FC60	59.000	J48	0.3	0.634	0.025	0.0031
1440 minute summer	FC61	60.000	J49	0.3	0.510	0.035	0.0043
1440 minute summer	FC62	63.000	J52	0.5	0.540	0.063	0.0084
1440 minute summer	FC63	65.000	S26	0.2	0.338	0.034	0.0014
1440 minute summer	FC64	66.000	J54	0.3	0.295	0.051	0.0023

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC65	780	185.249	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC66	780	185.103	0.103	0.3	0.1367	0.0000	SURCHARGED
1440 minute summer	FC67	810	184.850	0.050	0.2	0.5114	0.0000	OK
1440 minute summer	FC68	810	184.600	0.050	0.2	0.0648	0.0000	OK
1440 minute summer	J1	780	188.222	0.022	0.9	0.0301	0.0000	OK
1440 minute summer	J2	780	188.140	0.034	1.2	0.0389	0.0000	OK
1440 minute summer	J3	750	188.083	0.036	1.7	0.0412	0.0000	OK
1440 minute summer	J4	750	188.061	0.026	1.9	0.0289	0.0000	OK
1440 minute summer	J5	750	187.934	0.024	2.2	0.0276	0.0000	OK
1440 minute summer	J6	750	187.683	0.033	2.4	0.0376	0.0000	OK
1440 minute summer	J7	750	187.645	0.045	2.6	0.0505	0.0000	OK
1440 minute summer	J8	750	187.625	0.032	2.9	0.0367	0.0000	OK
1440 minute summer	J9	750	187.320	0.045	3.1	0.0513	0.0000	OK
1440 minute summer	J10	750	187.296	0.026	3.5	0.0295	0.0000	OK
1440 minute summer	J11	750	187.159	0.038	3.8	0.0426	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC65	67.000	J55	0.3	0.313	0.016	0.0023
1440 minute summer	FC66	68.000	S24	0.3	0.439	0.042	0.0014
1440 minute summer	FC67	69.000	J56	0.2	0.337	0.033	0.0012
1440 minute summer	FC68	70.000	J57	0.2	0.458	0.022	0.0010
1440 minute summer	J1	1.001	J2	0.9	0.494	0.108	0.0092
1440 minute summer	J2	1.002	J3	1.2	0.546	0.203	0.0023
1440 minute summer	J3	1.003	J4	1.7	0.641	0.127	0.0052
1440 minute summer	J4	1.004	J5	1.9	0.980	0.056	0.0068
1440 minute summer	J5	1.005	J6	2.2	0.925	0.057	0.0135
1440 minute summer	J6	1.006	J7	2.4	0.658	0.084	0.0072
1440 minute summer	J7	1.007	J8	2.6	0.723	0.185	0.0041
1440 minute summer	J8	1.008	J9	2.9	1.057	0.095	0.0231
1440 minute summer	J9	1.009	J10	3.1	0.774	0.094	0.0050
1440 minute summer	J10	1.010	J11	3.5	1.016	0.027	0.0085
1440 minute summer	J11	1.011	S2	3.8	0.569	0.059	0.0364

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J12	750	186.851	0.042	5.0	0.0471	0.0000	OK
1440 minute summer	J13	750	186.776	0.074	5.2	0.0842	0.0000	OK
1440 minute summer	J14	750	186.767	0.072	5.4	0.0809	0.0000	OK
1440 minute summer	J15	750	186.753	0.065	5.6	0.0736	0.0000	OK
1440 minute summer	J16	750	186.722	0.052	5.8	0.0592	0.0000	OK
1440 minute summer	J17	750	186.391	0.033	6.0	0.0373	0.0000	OK
1440 minute summer	J18	750	186.237	0.043	7.0	0.0486	0.0000	OK
1440 minute summer	J19	1050	186.211	0.184	7.3	0.2078	0.0000	OK
1440 minute summer	J20	1050	186.208	0.277	0.4	0.3138	0.0000	SURCHARGED
1440 minute summer	J21	1050	186.209	0.313	0.7	0.3545	0.0000	SURCHARGED
1440 minute summer	J22	1050	186.209	0.391	1.0	0.4427	0.0000	SURCHARGED
1440 minute summer	J23	1050	186.210	0.427	1.2	0.4833	0.0000	SURCHARGED
1440 minute summer	J24	1050	186.211	0.561	1.9	0.6345	0.0000	SURCHARGED
1440 minute summer	J25	1050	186.212	0.597	2.2	0.6748	0.0000	SURCHARGED
1440 minute summer	J26	1050	186.212	0.625	2.5	0.7066	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J12	1.013	J13	5.0	0.614	0.074	0.0533
1440 minute summer	J13	1.014	J14	5.2	0.468	0.166	0.0211
1440 minute summer	J14	1.015	J15	5.4	0.532	0.173	0.0195
1440 minute summer	J15	1.016	J16	5.6	0.682	0.183	0.0423
1440 minute summer	J16	1.017	J17	5.8	0.896	0.096	0.0218
1440 minute summer	J17	1.018	S3	6.0	0.899	0.041	0.0130
1440 minute summer	J18	1.020	J19	7.0	1.517	0.054	0.0148
1440 minute summer	J19	1.021	S4	7.3	0.592	0.132	0.2056
1440 minute summer	J20	23.002	J21	0.4	0.346	0.067	0.0295
1440 minute summer	J21	23.003	J22	0.7	0.424	0.117	0.0627
1440 minute summer	J22	23.004	J23	1.0	0.508	0.166	0.0281
1440 minute summer	J23	23.005	S18	1.2	0.573	0.198	0.0587
1440 minute summer	J24	23.007	J25	1.9	0.471	0.146	0.1088
1440 minute summer	J25	23.008	J26	2.2	0.475	0.168	0.0874
1440 minute summer	J26	23.009	S19	2.4	0.540	0.182	0.0652

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J27	1050	186.213	0.752	3.2	0.8509	0.0000	SURCHARGED
1440 minute summer	J28	750	186.384	0.028	1.0	0.0318	0.0000	OK
1440 minute summer	J29	750	186.303	0.032	1.2	0.0362	0.0000	OK
1440 minute summer	J30	750	186.187	0.040	1.8	0.0448	0.0000	OK
1440 minute summer	J31	750	186.160	0.041	2.1	0.0469	0.0000	OK
1440 minute summer	J32	750	186.108	0.044	2.4	0.0502	0.0000	OK
1440 minute summer	J33	750	185.641	0.031	3.3	0.0349	0.0000	OK
1440 minute summer	J34	750	185.177	0.052	4.2	0.0587	0.0000	OK
1440 minute summer	J35	750	185.109	0.034	4.4	0.0383	0.0000	OK
1440 minute summer	J36	750	184.931	0.056	4.7	0.0629	0.0000	OK
1440 minute summer	J37	750	184.637	0.062	5.5	0.0700	0.0000	OK
1440 minute summer	J38	750	184.446	0.071	6.0	0.0808	0.0000	OK
1440 minute summer	J39	750	184.410	0.072	6.3	0.0811	0.0000	OK
1440 minute summer	J40	750	184.387	0.062	6.5	0.0699	0.0000	OK
1440 minute summer	J41	750	184.619	0.022	0.6	0.0244	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J27	23.011	S4	3.0	0.466	0.101	0.0951
1440 minute summer	J28	32.001	J29	1.0	0.505	0.169	0.0175
1440 minute summer	J29	32.002	S12	1.2	0.575	0.202	0.0097
1440 minute summer	J30	32.004	J31	1.8	0.469	0.136	0.0191
1440 minute summer	J31	32.005	J32	2.1	0.505	0.158	0.0405
1440 minute summer	J32	32.006	S13	2.4	0.692	0.180	0.0185
1440 minute summer	J33	32.008	S14	3.3	0.824	0.092	0.0368
1440 minute summer	J34	32.010	J35	4.2	0.794	0.108	0.0480
1440 minute summer	J35	32.011	J36	4.4	0.784	0.049	0.0389
1440 minute summer	J36	32.012	S15	4.7	0.808	0.156	0.0139
1440 minute summer	J37	32.014	S16	5.5	0.940	0.180	0.0311
1440 minute summer	J38	32.016	J39	6.0	0.551	0.198	0.1172
1440 minute summer	J39	32.017	J40	6.3	0.637	0.204	0.0360
1440 minute summer	J40	32.018	S10	6.5	0.760	0.150	0.0815
1440 minute summer	J41	48.002	J42	0.6	0.414	0.101	0.0090

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J42	750	184.563	0.026	0.9	0.0299	0.0000	OK
1440 minute summer	J43	750	184.399	0.039	1.6	0.0444	0.0000	OK
1440 minute summer	J44	750	184.388	0.038	1.9	0.0432	0.0000	OK
1440 minute summer	J45	750	184.348	0.048	2.2	0.0546	0.0000	OK
1440 minute summer	J46	750	184.324	0.052	2.9	0.0591	0.0000	OK
1440 minute summer	J47	750	184.302	0.054	3.1	0.0608	0.0000	OK
1440 minute summer	J48	1170	184.268	0.114	4.0	0.1294	0.0000	OK
1440 minute summer	J49	1110	184.270	0.141	4.3	0.1594	0.0000	OK
1440 minute summer	J50	1170	184.270	0.145	4.6	0.1641	0.0000	OK
1440 minute summer	J51	1230	184.275	0.167	4.8	0.1887	0.0000	OK
1440 minute summer	J52	1170	184.280	0.176	7.2	0.1989	0.0000	OK
1440 minute summer	J53	1140	184.268	0.181	5.5	0.2044	0.0000	OK
1440 minute summer	J54	780	185.001	0.022	0.6	0.0252	0.0000	OK
1440 minute summer	J55	780	184.971	0.027	0.9	0.0307	0.0000	OK
1440 minute summer	J56	1230	184.267	0.300	7.9	0.3388	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J42	48.003	S21	0.9	0.457	0.152	0.0161
1440 minute summer	J43	48.005	J44	1.6	0.444	0.114	0.0058
1440 minute summer	J44	48.006	J45	1.9	0.452	0.142	0.0370
1440 minute summer	J45	48.007	S22	2.2	0.423	0.162	0.0124
1440 minute summer	J46	48.009	J47	2.9	0.521	0.217	0.0234
1440 minute summer	J47	48.010	S23	3.1	0.581	0.232	0.0141
1440 minute summer	J48	48.012	J49	4.0	0.414	0.133	0.1731
1440 minute summer	J49	48.013	J50	4.3	0.411	0.140	0.0301
1440 minute summer	J50	48.014	J51	4.6	0.429	0.153	0.1458
1440 minute summer	J51	48.015	J52	5.6	0.442	0.182	0.0348
1440 minute summer	J52	48.016	J53	5.3	0.518	0.173	0.1640
1440 minute summer	J53	48.017	S24	5.5	0.595	0.181	0.3751
1440 minute summer	J54	65.002	J55	0.6	0.400	0.101	0.0055
1440 minute summer	J55	65.003	S24	0.9	0.535	0.153	0.0132
1440 minute summer	J56	48.019	J57	7.8	0.494	0.145	0.6396

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Results for 30 year +35% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J57	1200	184.268	0.323	8.0	0.3652	0.0000	SURCHARGED
1440 minute summer	BASIN 1	1050	186.210	1.210	10.4	166.7324	0.0000	SURCHARGED
1440 minute summer	BASIN 2	1410	184.864	0.564	1.5	57.1071	0.0000	OK
1440 minute summer	BASIN 3	1680	183.341	0.241	7.2	169.9179	0.0000	OK
1440 minute summer	BASIN 4	1200	184.266	0.936	8.0	139.5242	0.0000	SURCHARGED
1440 minute summer	SWALE 1	1050	184.967	0.035	1.5	0.0395	0.0000	OK
1440 minute summer	SWALE 2	1410	184.485	0.034	1.4	0.0390	0.0000	OK
1440 minute summer	SWALE 3	750	184.136	0.066	7.2	0.0743	0.0000	OK
1440 minute summer	BH1	1410	184.864	0.787	0.3	3.0843	0.0000	OK
1440 minute summer	BH2	1680	183.341	0.289	0.6	3.0393	0.0000	OK
1440 minute summer	BH3	1200	184.266	0.960	0.4	6.0857	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J57	48.020	S25	8.0	0.525	0.149	0.5574
1440 minute summer	BASIN 1	1.023	S5	1.5	0.087	0.029	0.6013
1440 minute summer	BASIN 2	1.027	S7	1.4	0.439	0.026	0.0697
1440 minute summer	BASIN 2	71.000	BH1	0.3	0.333	0.045	0.1829
1440 minute summer	BASIN 3	1.034	BH2	0.6	0.155	0.007	2.2381
1440 minute summer	BASIN 4	48.022	BH3	0.4	0.194	0.008	0.7181
1440 minute summer	SWALE 1	1.025	S6	1.5	0.335	0.029	0.1734
1440 minute summer	SWALE 2	1.029	S8	1.4	0.424	0.026	0.0851
1440 minute summer	SWALE 3	1.033	BASIN 3	7.2	0.646	0.103	0.4793
1440 minute summer	BH1	Infiltration		0.1			
1440 minute summer	BH2	Infiltration		0.2			
1440 minute summer	BH3	Infiltration		0.2			

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S1	750	188.383	0.013	0.3	0.0172	0.0000	OK
1440 minute winter	S2	750	187.096	0.057	3.8	0.0842	0.0000	OK
1440 minute winter	S3	1110	186.392	0.180	5.5	0.2335	0.0000	OK
1440 minute winter	S4	1140	186.390	1.011	8.4	1.2017	0.0000	SURCHARGED
1440 minute winter	S5	1140	186.389	1.409	1.9	1.5938	0.0000	SURCHARGED
1440 minute winter	S6	1260	184.881	0.037	1.7	0.0419	0.0000	OK
1440 minute winter	S7	1320	184.800	0.021	1.5	0.0238	0.0000	OK
1440 minute winter	S8	1320	184.412	0.022	1.5	0.0250	0.0000	OK
1440 minute winter	S9	1320	184.234	0.034	1.5	0.0383	0.0000	OK
1440 minute winter	S10	750	184.221	0.037	5.6	0.0569	0.0000	OK
1440 minute winter	S11	720	186.422	0.022	0.6	0.0360	0.0000	OK
1440 minute winter	S12	750	186.208	0.032	1.2	0.0358	0.0000	OK
1440 minute winter	S13	750	186.062	0.028	2.3	0.0393	0.0000	OK
1440 minute winter	S14	750	185.296	0.046	3.1	0.0718	0.0000	OK
1440 minute winter	S15	750	184.899	0.032	4.0	0.0444	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	S1	1.000	J1	0.3	0.345	0.034	0.0073
1440 minute winter	S2	1.012	J12	3.8	0.527	0.127	0.0108
1440 minute winter	S3	1.019	J18	5.5	0.835	0.179	0.1815
1440 minute winter	S4	1.022	BASIN 1	8.4	0.698	0.050	1.1778
1440 minute winter	S5	1.024	SWALE 1	1.7	0.343	0.031	0.0979
1440 minute winter	S6	1.026	BASIN 2	1.7	0.393	0.030	0.0278
1440 minute winter	S7	1.028	SWALE 2	1.5	0.453	0.010	0.0579
1440 minute winter	S8	1.030	S9	1.5	0.467	0.011	0.0400
1440 minute winter	S9	1.031	S10	1.5	0.495	0.028	0.0241
1440 minute winter	S10	1.032	SWALE 3	5.6	0.779	0.031	0.0317
1440 minute winter	S11	32.000	J28	0.6	0.429	0.101	0.0063
1440 minute winter	S12	32.003	J30	1.2	0.416	0.090	0.0147
1440 minute winter	S13	32.007	J33	2.3	1.037	0.071	0.0288
1440 minute winter	S14	32.009	J34	3.1	0.714	0.179	0.0227
1440 minute winter	S15	32.013	J37	4.0	0.751	0.043	0.0504

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S16	750	184.584	0.027	4.4	0.0337	0.0000	OK
1440 minute winter	S17	1140	186.390	0.390	0.2	0.4415	0.0000	SURCHARGED
1440 minute winter	S18	1140	186.389	0.728	1.8	1.0287	0.0000	SURCHARGED
1440 minute winter	S19	1110	186.392	0.901	3.2	1.2345	0.0000	SURCHARGED
1440 minute winter	S20	840	184.660	0.018	0.4	0.0220	0.0000	OK
1440 minute winter	S21	840	184.486	0.027	0.9	0.0325	0.0000	OK
1440 minute winter	S22	1290	184.441	0.155	3.3	0.1894	0.0000	SURCHARGED
1440 minute winter	S23	1410	184.438	0.280	14.5	0.3310	0.0000	SURCHARGED
1440 minute winter	S24	1440	184.438	0.461	5.6	0.6689	0.0000	SURCHARGED
1440 minute winter	S25	1380	184.434	0.508	6.0	0.5750	0.0000	SURCHARGED
1440 minute winter	S26	780	185.390	0.013	0.3	0.0156	0.0000	OK
1440 minute winter	FC1	750	188.302	0.052	0.2	0.0686	0.0000	OK
1440 minute winter	FC2	720	188.202	0.052	0.2	0.0689	0.0000	OK
1440 minute winter	FC3	780	188.374	0.174	0.4	0.2519	0.0000	SURCHARGED
1440 minute winter	FC4	780	188.251	0.051	0.2	0.0653	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	S16	32.015	J38	4.4	0.797	0.030	0.0133
1440 minute winter	S17	23.001	J20	0.2	0.259	0.033	0.0560
1440 minute winter	S18	23.006	J24	1.4	0.414	0.101	0.0323
1440 minute winter	S19	23.010	J27	-2.9	0.396	-0.097	0.3541
1440 minute winter	S20	48.001	J41	0.4	0.424	0.067	0.0044
1440 minute winter	S21	48.004	J43	0.9	0.532	0.152	0.0086
1440 minute winter	S22	48.008	J46	2.4	0.451	0.176	0.0428
1440 minute winter	S23	48.011	J48	36.6	0.920	1.186	0.0447
1440 minute winter	S24	48.018	J56	5.6	0.437	0.105	0.2989
1440 minute winter	S25	48.021	BASIN 4	6.6	0.563	0.119	0.2248
1440 minute winter	S26	65.001	J54	0.3	0.515	0.034	0.0050
1440 minute winter	FC1	2.000	J1	0.2	0.265	0.032	0.0042
1440 minute winter	FC2	3.000	J2	0.2	0.179	0.034	0.0060
1440 minute winter	FC3	4.000	J3	0.4	0.449	0.063	0.0083
1440 minute winter	FC4	5.000	J4	0.2	0.413	0.026	0.0036

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC5	720	188.052	0.052	0.2	0.0693	0.0000	OK
1440 minute winter	FC6	780	187.900	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC7	810	187.801	0.051	0.2	0.0657	0.0000	OK
1440 minute winter	FC8	720	187.800	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC9	810	187.522	0.052	0.2	0.0670	0.0000	OK
1440 minute winter	FC10	840	187.573	0.103	0.3	0.1452	0.0000	SURCHARGED
1440 minute winter	FC11	780	187.372	0.052	0.2	0.0681	0.0000	OK
1440 minute winter	FC12	750	187.282	0.052	0.2	0.0681	0.0000	OK
1440 minute winter	FC13	720	187.052	0.052	0.2	0.0691	0.0000	OK
1440 minute winter	FC14	900	186.951	0.051	0.2	0.6571	0.0000	OK
1440 minute winter	FC15	780	187.250	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC16	780	186.951	0.051	0.2	0.0664	0.0000	OK
1440 minute winter	FC17	780	187.050	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC18	780	186.602	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC19	720	186.452	0.052	0.2	0.0692	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024
1440 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032
1440 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037
1440 minute winter	FC8	9.000	J8	0.2	0.488	0.021	0.0017
1440 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041
1440 minute winter	FC10	11.000	J10	0.3	0.424	0.045	0.0044
1440 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0045
1440 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040
1440 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039
1440 minute winter	FC14	15.000	J13	0.2	0.348	0.034	0.0043
1440 minute winter	FC15	16.000	J14	0.2	0.731	0.012	0.0013
1440 minute winter	FC16	17.000	J15	0.2	0.370	0.031	0.0041
1440 minute winter	FC17	18.000	J16	0.2	0.585	0.016	0.0016
1440 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0040
1440 minute winter	FC19	20.000	S3	0.2	0.347	0.034	0.0156

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC20	720	187.000	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC21	1110	186.395	0.095	0.2	0.1269	0.0000	OK
1440 minute winter	FC22	840	186.500	0.049	0.2	0.4811	0.0000	OK
1440 minute winter	FC23	1140	186.390	0.090	0.2	0.1157	0.0000	OK
1440 minute winter	FC24	1110	186.396	0.096	0.2	0.1278	0.0000	OK
1440 minute winter	FC25	720	186.600	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC26	840	186.499	0.049	0.2	0.4993	0.0000	OK
1440 minute winter	FC27	780	186.550	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC28	720	186.550	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC29	750	186.597	0.097	0.3	0.1314	0.0000	OK
1440 minute winter	FC30	720	186.800	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC31	780	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC32	780	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC33	720	186.500	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC34	720	186.502	0.052	0.2	0.0689	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013
1440 minute winter	FC21	22.000	J19	0.2	0.347	0.034	0.0583
1440 minute winter	FC22	23.000	S17	0.2	0.491	0.011	0.0193
1440 minute winter	FC23	24.000	J20	0.2	0.362	0.032	0.0350
1440 minute winter	FC24	25.000	J21	0.2	0.405	0.027	0.0353
1440 minute winter	FC25	26.000	J22	0.2	0.687	0.013	0.0189
1440 minute winter	FC26	27.000	J23	0.2	0.607	0.015	0.0185
1440 minute winter	FC27	28.000	J24	0.2	0.755	0.011	0.0180
1440 minute winter	FC28	29.000	J25	0.2	0.691	0.012	0.0174
1440 minute winter	FC29	30.000	J26	0.3	0.756	0.019	0.0189
1440 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0014
1440 minute winter	FC31	33.000	J28	0.2	0.231	0.022	0.0041
1440 minute winter	FC32	34.000	J29	0.2	0.207	0.016	0.0046
1440 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013
1440 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC35	720	186.500	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC36	750	186.547	0.097	0.3	0.1314	0.0000	OK
1440 minute winter	FC37	840	185.901	0.101	0.3	0.1405	0.0000	SURCHARGED
1440 minute winter	FC38	840	185.499	0.049	0.2	0.5874	0.0000	OK
1440 minute winter	FC39	780	185.500	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC40	720	185.550	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC41	720	184.900	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC42	720	184.650	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC43	720	184.650	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC44	660	184.610	0.009	0.2	0.0122	0.0000	OK
1440 minute winter	FC45	30	184.600	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	FC46	840	184.803	0.103	0.3	0.1460	0.0000	SURCHARGED
1440 minute winter	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	FC48	720	184.850	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC49	720	184.852	0.052	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016
1440 minute winter	FC36	38.000	J32	0.3	0.771	0.019	0.0019
1440 minute winter	FC37	39.000	J33	0.3	0.519	0.034	0.0038
1440 minute winter	FC38	40.000	J34	0.2	0.582	0.016	0.0016
1440 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014
1440 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013
1440 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0020
1440 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0022
1440 minute winter	FC43	45.000	J39	0.2	0.526	0.019	0.0016
1440 minute winter	FC44	46.000	J40	0.2	0.541	0.018	0.0016
1440 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
1440 minute winter	FC46	48.000	S20	0.3	0.350	0.051	0.0051
1440 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0024
1440 minute winter	FC48	50.000	J42	0.2	0.299	0.014	0.0039
1440 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC50	750	184.852	0.052	0.2	0.0692	0.0000	OK
1440 minute winter	FC51	720	184.902	0.052	0.2	0.0692	0.0000	OK
1440 minute winter	FC52	810	185.350	0.100	0.3	0.1374	0.0000	SURCHARGED
1440 minute winter	FC53	720	185.300	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC54	780	185.300	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC55	780	185.300	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC56	720	185.400	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC57	720	185.400	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC58	780	185.400	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC59	780	185.400	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC60	720	185.400	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC61	720	185.350	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC62	840	185.352	0.102	0.3	0.1457	0.0000	SURCHARGED
1440 minute winter	FC63	810	185.452	0.052	0.2	0.0674	0.0000	OK
1440 minute winter	FC64	720	185.052	0.052	0.2	0.0690	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027
1440 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035
1440 minute winter	FC52	58.000	S23	0.3	0.566	0.030	0.0029
1440 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018
1440 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015
1440 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013
1440 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019
1440 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020
1440 minute winter	FC58	56.000	J46	0.2	0.614	0.015	0.0020
1440 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0023
1440 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023
1440 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033
1440 minute winter	FC62	63.000	J52	0.3	0.470	0.039	0.0060
1440 minute winter	FC63	65.000	S26	0.2	0.338	0.034	0.0014
1440 minute winter	FC64	66.000	J54	0.2	0.270	0.034	0.0019

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC65	720	185.200	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC66	720	185.051	0.051	0.2	0.0680	0.0000	OK
1440 minute winter	FC67	840	184.851	0.051	0.2	0.5273	0.0000	OK
1440 minute winter	FC68	780	184.600	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	J1	750	188.221	0.021	0.8	0.0284	0.0000	OK
1440 minute winter	J2	750	188.137	0.031	1.0	0.0352	0.0000	OK
1440 minute winter	J3	750	188.079	0.033	1.4	0.0377	0.0000	OK
1440 minute winter	J4	750	188.059	0.024	1.6	0.0266	0.0000	OK
1440 minute winter	J5	750	187.932	0.022	1.8	0.0251	0.0000	OK
1440 minute winter	J6	750	187.680	0.030	2.0	0.0339	0.0000	OK
1440 minute winter	J7	750	187.641	0.041	2.2	0.0464	0.0000	OK
1440 minute winter	J8	750	187.623	0.030	2.4	0.0334	0.0000	OK
1440 minute winter	J9	750	187.317	0.042	2.6	0.0471	0.0000	OK
1440 minute winter	J10	750	187.294	0.024	2.9	0.0269	0.0000	OK
1440 minute winter	J11	750	187.155	0.034	3.1	0.0383	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC65	67.000	J55	0.2	0.285	0.011	0.0019
1440 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011
1440 minute winter	FC67	69.000	J56	0.2	0.339	0.033	0.0012
1440 minute winter	FC68	70.000	J57	0.2	0.458	0.022	0.0010
1440 minute winter	J1	1.001	J2	0.8	0.494	0.096	0.0082
1440 minute winter	J2	1.002	J3	1.0	0.520	0.169	0.0020
1440 minute winter	J3	1.003	J4	1.4	0.604	0.105	0.0045
1440 minute winter	J4	1.004	J5	1.6	0.946	0.048	0.0060
1440 minute winter	J5	1.005	J6	1.8	0.880	0.047	0.0117
1440 minute winter	J6	1.006	J7	2.0	0.629	0.070	0.0063
1440 minute winter	J7	1.007	J8	2.2	0.698	0.158	0.0036
1440 minute winter	J8	1.008	J9	2.4	1.004	0.079	0.0202
1440 minute winter	J9	1.009	J10	2.6	0.739	0.079	0.0044
1440 minute winter	J10	1.010	J11	2.9	0.983	0.022	0.0073
1440 minute winter	J11	1.011	S2	3.1	0.541	0.048	0.0313

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J12	750	186.846	0.037	4.0	0.0420	0.0000	OK
1440 minute winter	J13	750	186.768	0.066	4.2	0.0749	0.0000	OK
1440 minute winter	J14	750	186.759	0.064	4.4	0.0726	0.0000	OK
1440 minute winter	J15	750	186.747	0.059	4.6	0.0665	0.0000	OK
1440 minute winter	J16	750	186.717	0.047	4.8	0.0534	0.0000	OK
1440 minute winter	J17	1140	186.388	0.030	5.0	0.0344	0.0000	OK
1440 minute winter	J18	1140	186.390	0.196	8.3	0.2212	0.0000	OK
1440 minute winter	J19	1140	186.391	0.364	15.9	0.4115	0.0000	SURCHARGED
1440 minute winter	J20	1140	186.390	0.459	0.4	0.5190	0.0000	SURCHARGED
1440 minute winter	J21	1140	186.390	0.495	0.6	0.5594	0.0000	SURCHARGED
1440 minute winter	J22	1140	186.390	0.572	0.8	0.6464	0.0000	SURCHARGED
1440 minute winter	J23	1140	186.389	0.606	1.0	0.6854	0.0000	SURCHARGED
1440 minute winter	J24	1140	186.389	0.739	1.6	0.8358	0.0000	SURCHARGED
1440 minute winter	J25	1140	186.390	0.775	1.7	0.8768	0.0000	SURCHARGED
1440 minute winter	J26	1140	186.389	0.802	5.1	0.9074	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J12	1.013	J13	4.0	0.582	0.060	0.0453
1440 minute winter	J13	1.014	J14	4.2	0.440	0.134	0.0181
1440 minute winter	J14	1.015	J15	4.4	0.500	0.141	0.0168
1440 minute winter	J15	1.016	J16	4.6	0.645	0.150	0.0366
1440 minute winter	J16	1.017	J17	4.8	0.852	0.080	0.0189
1440 minute winter	J17	1.018	S3	5.0	0.865	0.034	0.0348
1440 minute winter	J18	1.020	J19	12.2	1.446	0.094	0.0570
1440 minute winter	J19	1.021	S4	5.9	0.559	0.107	0.3096
1440 minute winter	J20	23.002	J21	0.4	0.363	0.067	0.0295
1440 minute winter	J21	23.003	J22	0.6	0.419	0.100	0.0627
1440 minute winter	J22	23.004	J23	0.8	0.472	0.132	0.0281
1440 minute winter	J23	23.005	S18	1.0	0.545	0.165	0.0587
1440 minute winter	J24	23.007	J25	1.5	0.450	0.115	0.1088
1440 minute winter	J25	23.008	J26	4.8	0.450	0.364	0.0874
1440 minute winter	J26	23.009	S19	1.9	0.507	0.142	0.0652

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J27	1140	186.389	0.928	2.5	1.0490	0.0000	SURCHARGED
1440 minute winter	J28	750	186.381	0.025	0.8	0.0282	0.0000	OK
1440 minute winter	J29	750	186.300	0.029	1.0	0.0328	0.0000	OK
1440 minute winter	J30	780	186.182	0.035	1.4	0.0391	0.0000	OK
1440 minute winter	J31	780	186.155	0.036	1.6	0.0405	0.0000	OK
1440 minute winter	J32	750	186.104	0.039	1.9	0.0447	0.0000	OK
1440 minute winter	J33	750	185.638	0.027	2.6	0.0311	0.0000	OK
1440 minute winter	J34	750	185.171	0.046	3.3	0.0522	0.0000	OK
1440 minute winter	J35	750	185.105	0.030	3.5	0.0343	0.0000	OK
1440 minute winter	J36	750	184.925	0.050	3.7	0.0560	0.0000	OK
1440 minute winter	J37	750	184.630	0.054	4.2	0.0616	0.0000	OK
1440 minute winter	J38	750	184.437	0.062	4.6	0.0699	0.0000	OK
1440 minute winter	J39	750	184.400	0.062	4.8	0.0704	0.0000	OK
1440 minute winter	J40	750	184.379	0.054	5.0	0.0610	0.0000	OK
1440 minute winter	J41	840	184.615	0.018	0.4	0.0199	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J27	23.011	S4	7.5	0.458	0.252	0.0951
1440 minute winter	J28	32.001	J29	0.8	0.470	0.135	0.0150
1440 minute winter	J29	32.002	S12	1.0	0.548	0.169	0.0085
1440 minute winter	J30	32.004	J31	1.4	0.446	0.106	0.0157
1440 minute winter	J31	32.005	J32	1.6	0.471	0.120	0.0336
1440 minute winter	J32	32.006	S13	1.9	0.646	0.143	0.0157
1440 minute winter	J33	32.008	S14	2.6	0.782	0.073	0.0306
1440 minute winter	J34	32.010	J35	3.3	0.737	0.085	0.0407
1440 minute winter	J35	32.011	J36	3.5	0.735	0.039	0.0331
1440 minute winter	J36	32.012	S15	3.7	0.757	0.123	0.0117
1440 minute winter	J37	32.014	S16	4.2	0.862	0.138	0.0260
1440 minute winter	J38	32.016	J39	4.6	0.516	0.152	0.0962
1440 minute winter	J39	32.017	J40	4.8	0.591	0.155	0.0296
1440 minute winter	J40	32.018	S10	5.0	0.708	0.116	0.0674
1440 minute winter	J41	48.002	J42	0.4	0.371	0.067	0.0067

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J42	840	184.559	0.022	0.6	0.0244	0.0000	OK
1440 minute winter	J43	1320	184.441	0.081	1.1	0.0920	0.0000	OK
1440 minute winter	J44	1320	184.440	0.090	1.8	0.1018	0.0000	OK
1440 minute winter	J45	1290	184.442	0.142	3.6	0.1605	0.0000	OK
1440 minute winter	J46	1290	184.439	0.167	2.7	0.1889	0.0000	SURCHARGED
1440 minute winter	J47	1170	184.448	0.200	5.9	0.2262	0.0000	SURCHARGED
1440 minute winter	J48	1260	184.473	0.319	46.1	0.3610	0.0000	SURCHARGED
1440 minute winter	J49	1260	184.464	0.335	64.7	0.3792	0.0000	SURCHARGED
1440 minute winter	J50	1290	184.483	0.358	44.7	0.4050	0.0000	SURCHARGED
1440 minute winter	J51	1380	184.455	0.347	23.5	0.3929	0.0000	SURCHARGED
1440 minute winter	J52	1530	184.454	0.350	26.5	0.3954	0.0000	SURCHARGED
1440 minute winter	J53	1470	184.440	0.353	4.5	0.3995	0.0000	SURCHARGED
1440 minute winter	J54	780	184.999	0.020	0.5	0.0230	0.0000	OK
1440 minute winter	J55	810	184.968	0.024	0.7	0.0269	0.0000	OK
1440 minute winter	J56	1440	184.436	0.469	5.8	0.5299	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J42	48.003	S21	0.6	0.405	0.102	0.0122
1440 minute winter	J43	48.005	J44	1.8	0.405	0.129	0.0167
1440 minute winter	J44	48.006	J45	3.6	0.417	0.266	0.1221
1440 minute winter	J45	48.007	S22	3.3	0.396	0.242	0.0416
1440 minute winter	J46	48.009	J47	2.3	0.478	0.176	0.0742
1440 minute winter	J47	48.010	S23	-4.4	0.537	-0.328	0.0465
1440 minute winter	J48	48.012	J49	-8.6	0.394	-0.289	0.2962
1440 minute winter	J49	48.013	J50	-56.6	-1.423	-1.846	0.0451
1440 minute winter	J50	48.014	J51	12.1	0.399	0.405	0.2018
1440 minute winter	J51	48.015	J52	-23.2	-0.583	-0.756	0.0451
1440 minute winter	J52	48.016	J53	-7.3	0.473	-0.239	0.1938
1440 minute winter	J53	48.017	S24	4.4	0.547	0.144	0.4079
1440 minute winter	J54	65.002	J55	0.5	0.391	0.084	0.0047
1440 minute winter	J55	65.003	S24	0.7	0.499	0.119	0.0110
1440 minute winter	J56	48.019	J57	5.8	0.457	0.107	0.6398

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Results for 30 year +35% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J57	1440	184.437	0.492	6.0	0.5566	0.0000	SURCHARGED
1440 minute winter	BASIN 1	1140	186.389	1.389	8.4	197.5990	0.0000	SURCHARGED
1440 minute winter	BASIN 2	1320	184.866	0.566	1.7	57.3053	0.0000	OK
1440 minute winter	BASIN 3	1680	183.394	0.294	5.6	208.4289	0.0000	OK
1440 minute winter	BASIN 4	1410	184.436	1.106	6.6	169.7499	0.0000	SURCHARGED
1440 minute winter	SWALE 1	1140	184.968	0.036	1.7	0.0408	0.0000	OK
1440 minute winter	SWALE 2	1320	184.486	0.036	1.5	0.0408	0.0000	OK
1440 minute winter	SWALE 3	750	184.128	0.058	5.6	0.0656	0.0000	OK
1440 minute winter	BH1	1320	184.866	0.789	0.3	3.0892	0.0000	OK
1440 minute winter	BH2	1680	183.394	0.342	0.5	3.3033	0.0000	OK
1440 minute winter	BH3	1380	184.436	1.130	1.4	6.8771	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J57	48.020	S25	6.0	0.486	0.111	0.5574
1440 minute winter	BASIN 1	1.023	S5	1.9	0.108	0.036	0.6013
1440 minute winter	BASIN 2	1.027	S7	1.5	0.454	0.029	0.0750
1440 minute winter	BASIN 2	71.000	BH1	0.3	0.354	0.052	0.1829
1440 minute winter	BASIN 3	1.034	BH2	0.5	0.182	0.007	2.6751
1440 minute winter	BASIN 4	48.022	BH3	1.4	0.245	0.026	0.7181
1440 minute winter	SWALE 1	1.025	S6	1.7	0.343	0.031	0.1828
1440 minute winter	SWALE 2	1.029	S8	1.5	0.440	0.029	0.0913
1440 minute winter	SWALE 3	1.033	BASIN 3	5.6	0.603	0.080	0.4002
1440 minute winter	BH1	Infiltration		0.1			
1440 minute winter	BH2	Infiltration		0.2			
1440 minute winter	BH3	Infiltration		0.2			

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S1	10	188.419	0.049	4.2	0.0658	0.0000	OK
15 minute summer	S2	12	187.186	0.147	21.8	0.2155	0.0000	OK
15 minute summer	S3	12	186.366	0.154	30.1	0.2005	0.0000	OK
15 minute summer	S4	11	185.508	0.130	52.6	0.1542	0.0000	OK
15 minute summer	S5	77	185.471	0.491	3.7	0.5552	0.0000	SURCHARGED
15 minute summer	S6	80	184.872	0.028	1.0	0.0321	0.0000	OK
15 minute summer	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S9	12	184.324	0.124	1.6	0.1406	0.0000	OK
15 minute summer	S10	12	184.324	0.140	45.4	0.2139	0.0000	OK
15 minute summer	S11	12	186.694	0.294	9.5	0.4793	0.0000	SURCHARGED
15 minute summer	S12	13	186.285	0.109	9.0	0.1234	0.0000	OK
15 minute summer	S13	11	186.112	0.078	15.6	0.1110	0.0000	OK
15 minute summer	S14	11	185.488	0.238	24.4	0.3732	0.0000	SURCHARGED
15 minute summer	S15	11	184.962	0.095	30.7	0.1331	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	S1	1.000	J1	4.2	0.668	0.477	0.0476
15 minute summer	S2	1.012	J12	21.8	0.881	0.730	0.0370
15 minute summer	S3	1.019	J18	30.1	1.266	0.984	0.1215
15 minute summer	S4	1.022	BASIN 1	52.9	2.545	0.316	0.7439
15 minute summer	S5	1.024	SWALE 1	1.0	0.321	0.018	0.0665
15 minute summer	S6	1.026	BASIN 2	1.0	0.339	0.018	0.0163
15 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
15 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.1657
15 minute summer	S9	1.031	S10	-1.6	-0.192	-0.030	0.2001
15 minute summer	S10	1.032	SWALE 3	45.2	1.238	0.251	0.1678
15 minute summer	S11	32.000	J28	8.0	1.017	1.338	0.0355
15 minute summer	S12	32.003	J30	9.0	0.642	0.671	0.0710
15 minute summer	S13	32.007	J33	15.5	1.737	0.482	0.1193
15 minute summer	S14	32.009	J34	24.0	1.364	1.385	0.0904
15 minute summer	S15	32.013	J37	30.6	1.350	0.332	0.2109

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S16	11	184.656	0.098	34.2	0.1244	0.0000	OK
15 minute summer	S17	18	186.016	0.016	0.3	0.0180	0.0000	OK
15 minute summer	S18	11	185.787	0.126	9.8	0.1784	0.0000	OK
15 minute summer	S19	11	185.636	0.145	19.1	0.1992	0.0000	OK
15 minute summer	S20	11	184.692	0.050	2.7	0.0611	0.0000	OK
15 minute summer	S21	12	184.543	0.084	5.5	0.1000	0.0000	OK
15 minute summer	S22	12	184.420	0.134	10.6	0.1640	0.0000	OK
15 minute summer	S23	13	184.308	0.149	14.1	0.1767	0.0000	OK
15 minute summer	S24	12	184.171	0.194	31.0	0.2820	0.0000	OK
15 minute summer	S25	12	184.087	0.161	31.5	0.1825	0.0000	OK
15 minute summer	S26	11	185.411	0.034	2.1	0.0415	0.0000	OK
15 minute summer	FC1	15	188.894	0.644	3.8	1.1479	0.0000	SURCHARGED
15 minute summer	FC2	15	188.793	0.643	3.8	1.1511	0.0000	SURCHARGED
15 minute summer	FC3	17	188.864	0.664	6.1	2.0280	0.0000	SURCHARGED
15 minute summer	FC4	15	188.825	0.625	3.0	0.8685	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	S16	32.015	J38	34.2	1.095	0.233	0.0652
15 minute summer	S17	23.001	J20	0.3	0.341	0.055	0.0102
15 minute summer	S18	23.006	J24	9.7	0.645	0.709	0.0284
15 minute summer	S19	23.010	J27	19.0	0.722	0.635	0.2346
15 minute summer	S20	48.001	J41	2.6	0.678	0.439	0.0181
15 minute summer	S21	48.004	J43	5.4	0.808	0.912	0.0340
15 minute summer	S22	48.008	J46	10.5	0.647	0.785	0.0398
15 minute summer	S23	48.011	J48	14.0	0.538	0.455	0.0309
15 minute summer	S24	48.018	J56	30.9	0.662	0.578	0.1989
15 minute summer	S25	48.021	BASIN 4	31.3	0.900	0.567	0.1110
15 minute summer	S26	65.001	J54	2.1	0.891	0.237	0.0198
15 minute summer	FC1	2.000	J1	1.7	0.573	0.279	0.0372
15 minute summer	FC2	3.000	J2	1.5	0.358	0.261	0.0353
15 minute summer	FC3	4.000	J3	0.8	0.550	0.127	0.0209
15 minute summer	FC4	5.000	J4	0.8	0.615	0.104	0.0094

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC5	15	188.640	0.640	3.8	1.1349	0.0000	SURCHARGED
15 minute summer	FC6	15	188.476	0.626	3.0	0.8680	0.0000	SURCHARGED
15 minute summer	FC7	15	188.376	0.626	3.0	0.8686	0.0000	SURCHARGED
15 minute summer	FC8	15	188.392	0.642	3.8	1.1331	0.0000	SURCHARGED
15 minute summer	FC9	15	188.096	0.626	3.0	0.8695	0.0000	SURCHARGED
15 minute summer	FC10	16	188.131	0.661	5.3	1.7477	0.0000	SURCHARGED
15 minute summer	FC11	15	187.955	0.634	3.4	1.0033	0.0000	SURCHARGED
15 minute summer	FC12	15	187.865	0.635	3.4	1.0034	0.0000	SURCHARGED
15 minute summer	FC13	15	187.643	0.643	3.8	1.1339	0.0000	SURCHARGED
15 minute summer	FC14	18	187.012	0.112	3.8	1.4380	0.0000	SURCHARGED
15 minute summer	FC15	15	187.826	0.626	3.0	0.8663	0.0000	SURCHARGED
15 minute summer	FC16	15	187.527	0.626	3.0	0.8693	0.0000	SURCHARGED
15 minute summer	FC17	15	187.626	0.626	3.0	0.8670	0.0000	SURCHARGED
15 minute summer	FC18	15	187.177	0.627	3.0	0.8695	0.0000	SURCHARGED
15 minute summer	FC19	15	187.044	0.644	3.8	1.1339	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC5	6.000	J5	0.8	0.512	0.134	0.0064
15 minute summer	FC6	7.000	J6	0.8	0.676	0.091	0.0166
15 minute summer	FC7	8.000	J7	0.8	0.582	0.111	0.0211
15 minute summer	FC8	9.000	J8	0.8	0.728	0.082	0.0056
15 minute summer	FC9	10.000	J9	0.8	0.517	0.132	0.0109
15 minute summer	FC10	11.000	J10	0.8	0.562	0.122	0.0090
15 minute summer	FC11	12.000	J11	0.8	0.516	0.134	0.0118
15 minute summer	FC12	13.000	S2	0.8	0.516	0.133	0.0105
15 minute summer	FC13	14.000	J12	0.8	0.518	0.134	0.0105
15 minute summer	FC14	15.000	J13	0.3	0.398	0.053	0.0193
15 minute summer	FC15	16.000	J14	0.8	1.099	0.045	0.0090
15 minute summer	FC16	17.000	J15	0.8	0.550	0.121	0.0108
15 minute summer	FC17	18.000	J16	0.8	0.873	0.063	0.0044
15 minute summer	FC18	19.000	J17	0.8	0.514	0.133	0.0107
15 minute summer	FC19	20.000	S3	0.8	0.515	0.135	0.0114

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC20	15	187.591	0.641	3.8	1.1316	0.0000	SURCHARGED
15 minute summer	FC21	15	186.942	0.642	3.8	1.1340	0.0000	SURCHARGED
15 minute summer	FC22	17	186.566	0.116	3.0	1.1254	0.0000	SURCHARGED
15 minute summer	FC23	15	186.926	0.626	3.0	0.8694	0.0000	SURCHARGED
15 minute summer	FC24	15	186.942	0.642	3.8	1.1339	0.0000	SURCHARGED
15 minute summer	FC25	15	187.191	0.641	3.8	1.1316	0.0000	SURCHARGED
15 minute summer	FC26	17	186.562	0.112	3.0	1.1292	0.0000	SURCHARGED
15 minute summer	FC27	15	187.126	0.626	3.0	0.8664	0.0000	SURCHARGED
15 minute summer	FC28	15	187.141	0.641	3.8	1.1317	0.0000	SURCHARGED
15 minute summer	FC29	15	187.148	0.648	4.2	1.2943	0.0000	SURCHARGED
15 minute summer	FC30	15	187.391	0.641	3.8	1.1312	0.0000	SURCHARGED
15 minute summer	FC31	15	187.078	0.628	3.0	0.8910	0.0000	SURCHARGED
15 minute summer	FC32	15	187.076	0.626	3.0	0.8668	0.0000	SURCHARGED
15 minute summer	FC33	15	187.093	0.643	3.8	1.1309	0.0000	SURCHARGED
15 minute summer	FC34	15	187.093	0.643	3.8	1.1339	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC20	21.000	J18	0.8	1.042	0.050	0.0033
15 minute summer	FC21	22.000	J19	0.8	0.516	0.135	0.0117
15 minute summer	FC22	23.000	S17	0.3	0.740	0.017	0.0028
15 minute summer	FC23	24.000	J20	0.8	0.535	0.124	0.0067
15 minute summer	FC24	25.000	J21	0.8	0.603	0.107	0.0061
15 minute summer	FC25	26.000	J22	0.8	1.035	0.050	0.0037
15 minute summer	FC26	27.000	J23	0.3	0.699	0.024	0.0021
15 minute summer	FC27	28.000	J24	0.8	1.136	0.043	0.0031
15 minute summer	FC28	29.000	J25	0.8	1.040	0.050	0.0033
15 minute summer	FC29	30.000	J26	0.8	1.013	0.052	0.0037
15 minute summer	FC30	31.000	J27	0.8	0.970	0.055	0.0036
15 minute summer	FC31	33.000	J28	1.6	0.567	0.182	0.0333
15 minute summer	FC32	34.000	J29	0.8	0.428	0.062	0.0181
15 minute summer	FC33	35.000	S12	0.8	0.951	0.056	0.0116
15 minute summer	FC34	36.000	J30	0.8	0.529	0.128	0.0072

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC35	15	187.091	0.641	3.8	1.1313	0.0000	SURCHARGED
15 minute summer	FC36	15	187.096	0.646	4.2	1.2950	0.0000	SURCHARGED
15 minute summer	FC37	16	186.458	0.658	4.9	1.5890	0.0000	SURCHARGED
15 minute summer	FC38	17	185.545	0.095	3.0	1.1456	0.0000	OK
15 minute summer	FC39	15	186.075	0.625	3.0	0.8666	0.0000	SURCHARGED
15 minute summer	FC40	15	186.097	0.596	3.8	1.1385	0.0000	SURCHARGED
15 minute summer	FC41	15	185.489	0.639	3.8	1.1324	0.0000	SURCHARGED
15 minute summer	FC42	15	185.240	0.639	3.8	1.1335	0.0000	SURCHARGED
15 minute summer	FC43	15	185.225	0.625	3.8	1.1349	0.0000	SURCHARGED
15 minute summer	FC44	10	184.638	0.038	3.0	0.0489	0.0000	OK
15 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	FC46	16	185.361	0.661	5.3	1.7490	0.0000	SURCHARGED
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute summer	FC48	15	185.441	0.641	3.8	1.1311	0.0000	SURCHARGED
15 minute summer	FC49	15	185.442	0.642	3.8	1.1346	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC35	37.000	J31	0.8	0.958	0.056	0.0148
15 minute summer	FC36	38.000	J32	0.8	1.031	0.051	0.0128
15 minute summer	FC37	39.000	J33	0.8	0.691	0.091	0.0094
15 minute summer	FC38	40.000	J34	0.3	0.654	0.023	0.0021
15 minute summer	FC39	41.000	J35	0.8	0.964	0.055	0.0036
15 minute summer	FC40	42.000	J36	0.8	1.172	0.040	0.0033
15 minute summer	FC41	43.000	J37	0.8	0.771	0.076	0.0075
15 minute summer	FC42	44.000	J38	0.9	0.671	0.105	0.0233
15 minute summer	FC43	45.000	J39	0.8	0.782	0.073	0.0187
15 minute summer	FC44	46.000	J40	3.0	1.151	0.265	0.0157
15 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
15 minute summer	FC46	48.000	S20	0.8	0.505	0.136	0.0163
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0103
15 minute summer	FC48	50.000	J42	0.8	0.725	0.057	0.0127
15 minute summer	FC49	51.000	S21	0.8	0.512	0.134	0.0068

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC50	15	185.442	0.642	3.8	1.1345	0.0000	SURCHARGED
15 minute summer	FC51	15	185.490	0.640	3.8	1.1345	0.0000	SURCHARGED
15 minute summer	FC52	16	185.900	0.649	4.5	1.4279	0.0000	SURCHARGED
15 minute summer	FC53	15	185.891	0.641	3.8	1.1338	0.0000	SURCHARGED
15 minute summer	FC54	15	185.876	0.626	3.0	0.8675	0.0000	SURCHARGED
15 minute summer	FC55	15	185.876	0.626	3.0	0.8665	0.0000	SURCHARGED
15 minute summer	FC56	15	185.991	0.641	3.8	1.1318	0.0000	SURCHARGED
15 minute summer	FC57	15	185.991	0.641	3.8	1.1311	0.0000	SURCHARGED
15 minute summer	FC58	15	185.976	0.626	3.0	0.8667	0.0000	SURCHARGED
15 minute summer	FC59	15	185.976	0.626	3.0	0.8671	0.0000	SURCHARGED
15 minute summer	FC60	15	185.992	0.642	3.8	1.1312	0.0000	SURCHARGED
15 minute summer	FC61	15	185.942	0.642	3.8	1.1332	0.0000	SURCHARGED
15 minute summer	FC62	16	185.913	0.663	5.7	1.8841	0.0000	SURCHARGED
15 minute summer	FC63	15	186.026	0.626	3.0	0.8698	0.0000	SURCHARGED
15 minute summer	FC64	15	185.779	0.779	3.8	1.1189	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC50	52.000	J43	0.8	0.513	0.134	0.0072
15 minute summer	FC51	55.000	S22	0.8	0.515	0.134	0.0095
15 minute summer	FC52	58.000	S23	0.8	0.753	0.080	0.0058
15 minute summer	FC53	61.000	J50	0.8	0.705	0.086	0.0048
15 minute summer	FC54	62.000	J51	0.8	0.780	0.073	0.0040
15 minute summer	FC55	64.000	J53	0.8	0.986	0.053	0.0033
15 minute summer	FC56	53.000	J44	0.8	1.023	0.052	0.0051
15 minute summer	FC57	54.000	J45	0.8	0.959	0.056	0.0054
15 minute summer	FC58	56.000	J46	0.8	0.918	0.059	0.0053
15 minute summer	FC59	57.000	J47	0.8	0.851	0.066	0.0059
15 minute summer	FC60	59.000	J48	0.8	0.845	0.067	0.0062
15 minute summer	FC61	60.000	J49	0.8	0.677	0.092	0.0087
15 minute summer	FC62	63.000	J52	0.8	0.627	0.106	0.0121
15 minute summer	FC63	65.000	S26	0.8	0.554	0.133	0.0046
15 minute summer	FC64	66.000	J54	0.9	0.371	0.158	0.0075

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC65	15	185.793	0.643	3.8	1.1305	0.0000	SURCHARGED
15 minute summer	FC66	15	185.643	0.643	3.8	1.1333	0.0000	SURCHARGED
15 minute summer	FC67	17	184.910	0.110	3.0	1.1346	0.0000	SURCHARGED
15 minute summer	FC68	15	185.176	0.626	3.0	0.8683	0.0000	SURCHARGED
15 minute summer	J1	12	188.364	0.164	8.6	0.2212	0.0000	SURCHARGED
15 minute summer	J2	12	188.245	0.139	8.6	0.1574	0.0000	SURCHARGED
15 minute summer	J3	12	188.137	0.091	9.4	0.1031	0.0000	OK
15 minute summer	J4	12	188.101	0.065	10.2	0.0740	0.0000	OK
15 minute summer	J5	12	187.967	0.057	10.9	0.0639	0.0000	OK
15 minute summer	J6	13	187.745	0.095	11.6	0.1070	0.0000	OK
15 minute summer	J7	13	187.706	0.106	12.5	0.1198	0.0000	OK
15 minute summer	J8	13	187.669	0.076	13.3	0.0858	0.0000	OK
15 minute summer	J9	13	187.374	0.099	14.1	0.1123	0.0000	OK
15 minute summer	J10	13	187.330	0.060	14.5	0.0681	0.0000	OK
15 minute summer	J11	13	187.209	0.088	15.6	0.0998	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC65	67.000	J55	0.8	0.813	0.043	0.0061
15 minute summer	FC66	68.000	S24	0.8	0.575	0.110	0.0029
15 minute summer	FC67	69.000	J56	0.3	0.386	0.052	0.0017
15 minute summer	FC68	70.000	J57	0.8	0.673	0.087	0.0027
15 minute summer	J1	1.001	J2	7.9	1.011	0.954	0.0393
15 minute summer	J2	1.002	J3	8.6	1.104	1.459	0.0080
15 minute summer	J3	1.003	J4	9.4	1.013	0.709	0.0181
15 minute summer	J4	1.004	J5	10.1	1.508	0.302	0.0238
15 minute summer	J5	1.005	J6	10.9	1.238	0.285	0.0503
15 minute summer	J6	1.006	J7	11.7	0.936	0.411	0.0246
15 minute summer	J7	1.007	J8	12.5	1.117	0.895	0.0126
15 minute summer	J8	1.008	J9	13.3	1.569	0.439	0.0716
15 minute summer	J9	1.009	J10	13.7	1.089	0.411	0.0152
15 minute summer	J10	1.010	J11	14.8	1.332	0.115	0.0281
15 minute summer	J11	1.011	S2	15.6	0.786	0.242	0.1100

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J12	12	186.914	0.105	22.6	0.1187	0.0000	OK
15 minute summer	J13	12	186.882	0.180	22.9	0.2036	0.0000	OK
15 minute summer	J14	12	186.863	0.168	23.5	0.1895	0.0000	OK
15 minute summer	J15	12	186.836	0.148	24.2	0.1675	0.0000	OK
15 minute summer	J16	12	186.790	0.120	24.9	0.1357	0.0000	OK
15 minute summer	J17	12	186.448	0.090	25.6	0.1023	0.0000	OK
15 minute summer	J18	12	186.300	0.106	30.9	0.1199	0.0000	OK
15 minute summer	J19	12	186.190	0.163	31.6	0.1838	0.0000	OK
15 minute summer	J20	17	185.962	0.031	1.1	0.0350	0.0000	OK
15 minute summer	J21	17	185.934	0.039	1.9	0.0445	0.0000	OK
15 minute summer	J22	18	185.871	0.053	2.7	0.0596	0.0000	OK
15 minute summer	J23	18	185.837	0.053	3.0	0.0605	0.0000	OK
15 minute summer	J24	11	185.770	0.120	10.4	0.1360	0.0000	OK
15 minute summer	J25	12	185.740	0.125	11.1	0.1411	0.0000	OK
15 minute summer	J26	12	185.707	0.120	11.7	0.1360	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J12	1.013	J13	22.6	0.860	0.337	0.1689
15 minute summer	J13	1.014	J14	22.8	0.692	0.725	0.0624
15 minute summer	J14	1.015	J15	23.5	0.788	0.751	0.0569
15 minute summer	J15	1.016	J16	24.1	0.978	0.788	0.1262
15 minute summer	J16	1.017	J17	24.8	1.289	0.412	0.0647
15 minute summer	J17	1.018	S3	25.7	1.198	0.177	0.0414
15 minute summer	J18	1.020	J19	30.9	1.949	0.237	0.0243
15 minute summer	J19	1.021	S4	31.5	0.900	0.572	0.1540
15 minute summer	J20	23.002	J21	1.1	0.452	0.188	0.0093
15 minute summer	J21	23.003	J22	1.9	0.541	0.321	0.0282
15 minute summer	J22	23.004	J23	2.7	0.659	0.453	0.0152
15 minute summer	J23	23.005	S18	3.0	0.734	0.511	0.0362
15 minute summer	J24	23.007	J25	10.3	0.676	0.773	0.0949
15 minute summer	J25	23.008	J26	10.9	0.713	0.822	0.0765
15 minute summer	J26	23.009	S19	11.8	0.847	0.885	0.0513

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J27	11	185.599	0.138	19.8	0.1563	0.0000	OK
15 minute summer	J28	13	186.598	0.242	8.0	0.2736	0.0000	SURCHARGED
15 minute summer	J29	13	186.433	0.162	8.3	0.1827	0.0000	SURCHARGED
15 minute summer	J30	14	186.260	0.113	9.7	0.1278	0.0000	OK
15 minute summer	J31	14	186.230	0.111	10.5	0.1250	0.0000	OK
15 minute summer	J32	14	186.168	0.104	11.3	0.1179	0.0000	OK
15 minute summer	J33	12	185.687	0.077	16.3	0.0875	0.0000	OK
15 minute summer	J34	11	185.256	0.131	24.2	0.1483	0.0000	OK
15 minute summer	J35	12	185.166	0.091	24.9	0.1026	0.0000	OK
15 minute summer	J36	12	185.011	0.136	25.7	0.1542	0.0000	OK
15 minute summer	J37	11	184.730	0.155	31.4	0.1755	0.0000	OK
15 minute summer	J38	12	184.626	0.251	35.0	0.2839	0.0000	SURCHARGED
15 minute summer	J39	12	184.558	0.219	35.6	0.2482	0.0000	OK
15 minute summer	J40	12	184.511	0.186	38.1	0.2101	0.0000	OK
15 minute summer	J41	11	184.647	0.050	2.6	0.0562	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J27	23.011	S4	19.7	0.850	0.659	0.0553
15 minute summer	J28	32.001	J29	7.5	0.958	1.266	0.0691
15 minute summer	J29	32.002	S12	8.2	1.049	1.382	0.0355
15 minute summer	J30	32.004	J31	9.7	0.691	0.730	0.0700
15 minute summer	J31	32.005	J32	10.5	0.780	0.792	0.1315
15 minute summer	J32	32.006	S13	11.4	1.069	0.853	0.0581
15 minute summer	J33	32.008	S14	16.4	1.150	0.462	0.1215
15 minute summer	J34	32.010	J35	24.1	1.242	0.626	0.1754
15 minute summer	J35	32.011	J36	25.0	1.245	0.281	0.1378
15 minute summer	J36	32.012	S15	25.8	1.275	0.861	0.0486
15 minute summer	J37	32.014	S16	31.4	1.382	1.032	0.1190
15 minute summer	J38	32.016	J39	34.8	0.876	1.154	0.4287
15 minute summer	J39	32.017	J40	35.6	0.945	1.156	0.1363
15 minute summer	J40	32.018	S10	38.0	1.155	0.883	0.3142
15 minute summer	J41	48.002	J42	2.6	0.646	0.441	0.0254

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J42	11	184.591	0.054	3.4	0.0607	0.0000	OK
15 minute summer	J43	12	184.454	0.094	6.2	0.1061	0.0000	OK
15 minute summer	J44	12	184.443	0.093	6.9	0.1046	0.0000	OK
15 minute summer	J45	12	184.429	0.129	7.6	0.1454	0.0000	OK
15 minute summer	J46	12	184.401	0.129	11.3	0.1455	0.0000	OK
15 minute summer	J47	13	184.370	0.122	12.0	0.1380	0.0000	OK
15 minute summer	J48	13	184.299	0.145	14.8	0.1641	0.0000	OK
15 minute summer	J49	13	184.286	0.157	15.3	0.1774	0.0000	OK
15 minute summer	J50	13	184.276	0.151	16.1	0.1709	0.0000	OK
15 minute summer	J51	13	184.261	0.153	16.9	0.1732	0.0000	OK
15 minute summer	J52	13	184.247	0.143	17.7	0.1617	0.0000	OK
15 minute summer	J53	13	184.221	0.134	18.5	0.1518	0.0000	OK
15 minute summer	J54	12	185.034	0.055	2.8	0.0624	0.0000	OK
15 minute summer	J55	12	185.004	0.060	3.6	0.0678	0.0000	OK
15 minute summer	J56	12	184.152	0.185	31.2	0.2089	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J42	48.003	S21	3.3	0.583	0.565	0.0463
15 minute summer	J43	48.005	J44	6.1	0.584	0.438	0.0185
15 minute summer	J44	48.006	J45	6.8	0.504	0.510	0.1205
15 minute summer	J45	48.007	S22	7.8	0.483	0.573	0.0389
15 minute summer	J46	48.009	J47	11.2	0.714	0.839	0.0661
15 minute summer	J47	48.010	S23	12.0	0.849	0.897	0.0370
15 minute summer	J48	48.012	J49	14.6	0.536	0.487	0.2108
15 minute summer	J49	48.013	J50	15.3	0.536	0.500	0.0329
15 minute summer	J50	48.014	J51	16.1	0.565	0.539	0.1449
15 minute summer	J51	48.015	J52	16.9	0.610	0.551	0.0314
15 minute summer	J52	48.016	J53	17.7	0.695	0.580	0.1250
15 minute summer	J53	48.017	S24	18.6	0.838	0.616	0.2329
15 minute summer	J54	65.002	J55	2.8	0.610	0.478	0.0170
15 minute summer	J55	65.003	S24	3.6	0.763	0.611	0.0371
15 minute summer	J56	48.019	J57	30.9	0.695	0.571	0.4044

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Results for 100 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J57	12	184.123	0.178	31.7	0.2012	0.0000	OK
15 minute summer	BASIN 1	77	185.471	0.471	52.9	56.1452	0.0000	SURCHARGED
15 minute summer	BASIN 2	255	184.413	0.113	1.2	9.9853	0.0000	OK
15 minute summer	BASIN 3	93	183.153	0.052	44.6	36.4531	0.0000	OK
15 minute summer	BASIN 4	99	183.631	0.301	31.3	39.7907	0.0000	SURCHARGED
15 minute summer	SWALE 1	79	184.960	0.028	1.0	0.0314	0.0000	OK
15 minute summer	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWALE 3	12	184.252	0.182	45.2	0.2058	0.0000	OK
15 minute summer	BH1	255	184.412	0.335	0.9	1.7752	0.0000	OK
15 minute summer	BH2	66	183.153	0.101	2.6	2.1089	0.0000	OK
15 minute summer	BH3	96	183.631	0.325	11.8	3.1236	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J57	48.020	S25	31.5	0.766	0.583	0.3250
15 minute summer	BASIN 1	1.023	S5	3.7	0.326	0.069	0.6013
15 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
15 minute summer	BASIN 2	71.000	BH1	0.9	0.519	0.144	0.1829
15 minute summer	BASIN 3	1.034	BH2	2.6	0.489	0.031	0.4487
15 minute summer	BASIN 4	48.022	BH3	11.8	1.076	0.220	0.7179
15 minute summer	SWALE 1	1.025	S6	1.0	0.291	0.018	0.1244
15 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
15 minute summer	SWALE 3	1.033	BASIN 3	44.6	1.069	0.642	1.8120
15 minute summer	BH1	Infiltration		0.1			
15 minute summer	BH2	Infiltration		0.2			
15 minute summer	BH3	Infiltration		0.2			

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S1	10	188.420	0.050	4.4	0.0674	0.0000	OK
15 minute winter	S2	12	187.189	0.150	22.7	0.2205	0.0000	OK
15 minute winter	S3	12	186.370	0.158	31.4	0.2057	0.0000	OK
15 minute winter	S4	81	185.524	0.145	55.0	0.1728	0.0000	OK
15 minute winter	S5	81	185.524	0.543	3.0	0.6146	0.0000	SURCHARGED
15 minute winter	S6	84	184.873	0.029	1.0	0.0329	0.0000	OK
15 minute winter	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S9	12	184.329	0.129	1.5	0.1462	0.0000	OK
15 minute winter	S10	12	184.329	0.145	47.6	0.2214	0.0000	OK
15 minute winter	S11	12	186.728	0.328	10.0	0.5345	0.0000	SURCHARGED
15 minute winter	S12	14	186.289	0.113	9.3	0.1275	0.0000	OK
15 minute winter	S13	11	186.114	0.080	16.4	0.1135	0.0000	OK
15 minute winter	S14	11	185.505	0.255	25.5	0.4008	0.0000	SURCHARGED
15 minute winter	S15	11	184.966	0.099	32.3	0.1377	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S1	1.000	J1	4.3	0.672	0.497	0.0481
15 minute winter	S2	1.012	J12	22.7	0.892	0.760	0.0379
15 minute winter	S3	1.019	J18	31.4	1.278	1.026	0.1254
15 minute winter	S4	1.022	BASIN 1	55.3	2.564	0.330	0.8720
15 minute winter	S5	1.024	SWALE 1	1.0	0.319	0.019	0.0691
15 minute winter	S6	1.026	BASIN 2	1.0	0.344	0.019	0.0170
15 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
15 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.1745
15 minute winter	S9	1.031	S10	-1.5	-0.194	-0.028	0.2098
15 minute winter	S10	1.032	SWALE 3	47.2	1.232	0.262	0.1746
15 minute winter	S11	32.000	J28	8.3	1.061	1.396	0.0355
15 minute winter	S12	32.003	J30	9.3	0.645	0.694	0.0735
15 minute winter	S13	32.007	J33	16.3	1.726	0.505	0.1257
15 minute winter	S14	32.009	J34	25.2	1.434	1.456	0.0908
15 minute winter	S15	32.013	J37	32.2	1.362	0.349	0.2195

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S16	12	184.666	0.108	35.8	0.1371	0.0000	OK
15 minute winter	S17	18	186.017	0.017	0.4	0.0187	0.0000	OK
15 minute winter	S18	11	185.794	0.133	10.4	0.1884	0.0000	OK
15 minute winter	S19	11	185.641	0.150	20.1	0.2059	0.0000	OK
15 minute winter	S20	10	184.694	0.051	2.8	0.0628	0.0000	OK
15 minute winter	S21	11	184.548	0.089	5.8	0.1052	0.0000	OK
15 minute winter	S22	12	184.426	0.140	11.0	0.1709	0.0000	OK
15 minute winter	S23	13	184.313	0.155	14.8	0.1832	0.0000	OK
15 minute winter	S24	12	184.178	0.201	32.6	0.2922	0.0000	OK
15 minute winter	S25	12	184.093	0.167	33.3	0.1887	0.0000	OK
15 minute winter	S26	11	185.413	0.036	2.2	0.0430	0.0000	OK
15 minute winter	FC1	16	188.908	0.658	4.0	1.3317	0.0000	SURCHARGED
15 minute winter	FC2	16	188.806	0.656	4.0	1.3342	0.0000	SURCHARGED
15 minute winter	FC3	17	188.876	0.675	6.4	2.3297	0.0000	SURCHARGED
15 minute winter	FC4	15	188.836	0.636	3.2	0.9969	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S16	32.015	J38	35.4	1.097	0.241	0.0677
15 minute winter	S17	23.001	J20	0.4	0.348	0.059	0.0106
15 minute winter	S18	23.006	J24	10.2	0.648	0.747	0.0297
15 minute winter	S19	23.010	J27	20.0	0.732	0.668	0.2433
15 minute winter	S20	48.001	J41	2.7	0.683	0.457	0.0187
15 minute winter	S21	48.004	J43	5.6	0.812	0.950	0.0352
15 minute winter	S22	48.008	J46	11.0	0.654	0.818	0.0409
15 minute winter	S23	48.011	J48	14.7	0.540	0.476	0.0322
15 minute winter	S24	48.018	J56	32.5	0.671	0.608	0.2073
15 minute winter	S25	48.021	BASIN 4	33.2	0.917	0.601	0.1156
15 minute winter	S26	65.001	J54	2.2	0.907	0.253	0.0208
15 minute winter	FC1	2.000	J1	1.7	0.576	0.267	0.0372
15 minute winter	FC2	3.000	J2	1.4	0.359	0.230	0.0355
15 minute winter	FC3	4.000	J3	0.8	0.551	0.128	0.0217
15 minute winter	FC4	5.000	J4	0.8	0.616	0.105	0.0094

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC5	16	188.652	0.652	4.0	1.3138	0.0000	SURCHARGED
15 minute winter	FC6	15	188.489	0.639	3.2	0.9965	0.0000	SURCHARGED
15 minute winter	FC7	15	188.389	0.639	3.2	0.9966	0.0000	SURCHARGED
15 minute winter	FC8	16	188.404	0.654	4.0	1.3113	0.0000	SURCHARGED
15 minute winter	FC9	15	188.109	0.639	3.2	0.9979	0.0000	SURCHARGED
15 minute winter	FC10	16	188.142	0.672	5.6	1.9817	0.0000	SURCHARGED
15 minute winter	FC11	16	187.966	0.646	3.6	1.1530	0.0000	SURCHARGED
15 minute winter	FC12	16	187.877	0.647	3.6	1.1530	0.0000	SURCHARGED
15 minute winter	FC13	16	187.657	0.657	4.0	1.3136	0.0000	SURCHARGED
15 minute winter	FC14	18	187.028	0.128	4.0	1.6378	0.0000	SURCHARGED
15 minute winter	FC15	15	187.839	0.639	3.2	0.9941	0.0000	SURCHARGED
15 minute winter	FC16	15	187.539	0.639	3.2	0.9972	0.0000	SURCHARGED
15 minute winter	FC17	15	187.639	0.639	3.2	0.9950	0.0000	SURCHARGED
15 minute winter	FC18	15	187.190	0.640	3.2	0.9978	0.0000	SURCHARGED
15 minute winter	FC19	16	187.057	0.657	4.0	1.3133	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC5	6.000	J5	0.8	0.513	0.135	0.0065
15 minute winter	FC6	7.000	J6	0.8	0.678	0.092	0.0173
15 minute winter	FC7	8.000	J7	0.8	0.587	0.112	0.0218
15 minute winter	FC8	9.000	J8	0.8	0.730	0.083	0.0058
15 minute winter	FC9	10.000	J9	0.8	0.519	0.133	0.0110
15 minute winter	FC10	11.000	J10	0.8	0.563	0.123	0.0090
15 minute winter	FC11	12.000	J11	0.8	0.517	0.135	0.0119
15 minute winter	FC12	13.000	S2	0.8	0.517	0.135	0.0106
15 minute winter	FC13	14.000	J12	0.8	0.519	0.135	0.0106
15 minute winter	FC14	15.000	J13	0.3	0.406	0.057	0.0214
15 minute winter	FC15	16.000	J14	0.8	1.103	0.046	0.0102
15 minute winter	FC16	17.000	J15	0.8	0.551	0.123	0.0120
15 minute winter	FC17	18.000	J16	0.8	0.876	0.063	0.0044
15 minute winter	FC18	19.000	J17	0.8	0.516	0.134	0.0108
15 minute winter	FC19	20.000	S3	0.8	0.517	0.136	0.0125

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC20	16	187.604	0.653	4.0	1.3101	0.0000	SURCHARGED
15 minute winter	FC21	16	186.954	0.654	4.0	1.3148	0.0000	SURCHARGED
15 minute winter	FC22	17	186.581	0.131	3.2	1.2757	0.0000	SURCHARGED
15 minute winter	FC23	15	186.939	0.639	3.2	0.9979	0.0000	SURCHARGED
15 minute winter	FC24	16	186.955	0.655	4.0	1.3126	0.0000	SURCHARGED
15 minute winter	FC25	16	187.204	0.654	4.0	1.3100	0.0000	SURCHARGED
15 minute winter	FC26	17	186.577	0.127	3.2	1.2799	0.0000	SURCHARGED
15 minute winter	FC27	15	187.138	0.638	3.2	0.9942	0.0000	SURCHARGED
15 minute winter	FC28	16	187.153	0.653	4.0	1.3102	0.0000	SURCHARGED
15 minute winter	FC29	16	187.159	0.659	4.4	1.4676	0.0000	SURCHARGED
15 minute winter	FC30	16	187.403	0.653	4.0	1.3107	0.0000	SURCHARGED
15 minute winter	FC31	16	187.091	0.641	3.2	1.0261	0.0000	SURCHARGED
15 minute winter	FC32	15	187.089	0.639	3.2	0.9949	0.0000	SURCHARGED
15 minute winter	FC33	16	187.106	0.656	4.0	1.3101	0.0000	SURCHARGED
15 minute winter	FC34	16	187.106	0.656	4.0	1.3140	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC20	21.000	J18	0.8	1.045	0.050	0.0033
15 minute winter	FC21	22.000	J19	0.8	0.518	0.136	0.0118
15 minute winter	FC22	23.000	S17	0.4	0.778	0.019	0.0029
15 minute winter	FC23	24.000	J20	0.8	0.536	0.126	0.0068
15 minute winter	FC24	25.000	J21	0.8	0.605	0.108	0.0062
15 minute winter	FC25	26.000	J22	0.8	1.038	0.051	0.0037
15 minute winter	FC26	27.000	J23	0.3	0.713	0.026	0.0022
15 minute winter	FC27	28.000	J24	0.8	1.139	0.044	0.0031
15 minute winter	FC28	29.000	J25	0.8	1.043	0.050	0.0034
15 minute winter	FC29	30.000	J26	0.8	1.016	0.053	0.0038
15 minute winter	FC30	31.000	J27	0.8	0.972	0.056	0.0037
15 minute winter	FC31	33.000	J28	1.7	0.587	0.192	0.0333
15 minute winter	FC32	34.000	J29	0.8	0.441	0.063	0.0181
15 minute winter	FC33	35.000	S12	0.8	0.954	0.057	0.0124
15 minute winter	FC34	36.000	J30	0.8	0.531	0.130	0.0072

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC35	16	187.103	0.653	4.0	1.3105	0.0000	SURCHARGED
15 minute winter	FC36	16	187.106	0.656	4.4	1.4677	0.0000	SURCHARGED
15 minute winter	FC37	16	186.470	0.670	5.2	1.8205	0.0000	SURCHARGED
15 minute winter	FC38	17	185.558	0.108	3.2	1.2973	0.0000	SURCHARGED
15 minute winter	FC39	15	186.086	0.636	3.2	0.9950	0.0000	SURCHARGED
15 minute winter	FC40	16	186.109	0.609	4.0	1.3195	0.0000	SURCHARGED
15 minute winter	FC41	16	185.501	0.651	4.0	1.3111	0.0000	SURCHARGED
15 minute winter	FC42	16	185.251	0.651	4.0	1.3145	0.0000	SURCHARGED
15 minute winter	FC43	16	185.228	0.628	4.0	1.3145	0.0000	SURCHARGED
15 minute winter	FC44	10	184.639	0.039	3.2	0.0500	0.0000	OK
15 minute winter	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
15 minute winter	FC46	16	185.372	0.672	5.6	1.9834	0.0000	SURCHARGED
15 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute winter	FC48	16	185.454	0.654	4.0	1.3105	0.0000	SURCHARGED
15 minute winter	FC49	16	185.455	0.655	4.0	1.3135	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC35	37.000	J31	0.8	0.960	0.057	0.0156
15 minute winter	FC36	38.000	J32	0.8	1.033	0.051	0.0134
15 minute winter	FC37	39.000	J33	0.8	0.693	0.092	0.0109
15 minute winter	FC38	40.000	J34	0.3	0.667	0.025	0.0022
15 minute winter	FC39	41.000	J35	0.8	0.966	0.055	0.0037
15 minute winter	FC40	42.000	J36	0.8	1.176	0.041	0.0035
15 minute winter	FC41	43.000	J37	0.8	0.774	0.077	0.0090
15 minute winter	FC42	44.000	J38	1.3	0.673	0.147	0.0269
15 minute winter	FC43	45.000	J39	0.8	0.783	0.073	0.0191
15 minute winter	FC44	46.000	J40	3.2	1.140	0.288	0.0174
15 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
15 minute winter	FC46	48.000	S20	0.8	0.506	0.137	0.0167
15 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0106
15 minute winter	FC48	50.000	J42	0.8	0.765	0.058	0.0131
15 minute winter	FC49	51.000	S21	0.8	0.514	0.135	0.0068

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC50	16	185.455	0.655	4.0	1.3134	0.0000	SURCHARGED
15 minute winter	FC51	16	185.501	0.651	4.0	1.3146	0.0000	SURCHARGED
15 minute winter	FC52	16	185.910	0.660	4.8	1.6351	0.0000	SURCHARGED
15 minute winter	FC53	16	185.904	0.654	4.0	1.3120	0.0000	SURCHARGED
15 minute winter	FC54	15	185.888	0.638	3.2	0.9953	0.0000	SURCHARGED
15 minute winter	FC55	15	185.887	0.637	3.2	0.9949	0.0000	SURCHARGED
15 minute winter	FC56	16	186.003	0.653	4.0	1.3102	0.0000	SURCHARGED
15 minute winter	FC57	16	186.004	0.654	4.0	1.3106	0.0000	SURCHARGED
15 minute winter	FC58	15	185.988	0.638	3.2	0.9949	0.0000	SURCHARGED
15 minute winter	FC59	15	185.989	0.639	3.2	0.9950	0.0000	SURCHARGED
15 minute winter	FC60	16	186.005	0.655	4.0	1.3104	0.0000	SURCHARGED
15 minute winter	FC61	16	185.955	0.655	4.0	1.3123	0.0000	SURCHARGED
15 minute winter	FC62	17	185.925	0.675	6.0	2.1546	0.0000	SURCHARGED
15 minute winter	FC63	15	186.038	0.638	3.2	0.9981	0.0000	SURCHARGED
15 minute winter	FC64	16	185.795	0.795	4.0	1.2900	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC50	52.000	J43	0.8	0.514	0.135	0.0073
15 minute winter	FC51	55.000	S22	0.8	0.517	0.135	0.0095
15 minute winter	FC52	58.000	S23	0.8	0.755	0.080	0.0058
15 minute winter	FC53	61.000	J50	0.8	0.707	0.087	0.0049
15 minute winter	FC54	62.000	J51	0.8	0.782	0.074	0.0040
15 minute winter	FC55	64.000	J53	0.8	0.988	0.053	0.0033
15 minute winter	FC56	53.000	J44	0.8	1.026	0.052	0.0052
15 minute winter	FC57	54.000	J45	0.8	0.962	0.057	0.0054
15 minute winter	FC58	56.000	J46	0.8	0.920	0.059	0.0054
15 minute winter	FC59	57.000	J47	0.8	0.853	0.066	0.0060
15 minute winter	FC60	59.000	J48	0.8	0.847	0.068	0.0063
15 minute winter	FC61	60.000	J49	0.8	0.679	0.093	0.0088
15 minute winter	FC62	63.000	J52	0.8	0.628	0.107	0.0122
15 minute winter	FC63	65.000	S26	0.8	0.563	0.135	0.0048
15 minute winter	FC64	66.000	J54	0.9	0.374	0.158	0.0079

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC65	16	185.806	0.656	4.0	1.3090	0.0000	SURCHARGED
15 minute winter	FC66	16	185.656	0.656	4.0	1.3132	0.0000	SURCHARGED
15 minute winter	FC67	17	184.925	0.125	3.2	1.2856	0.0000	SURCHARGED
15 minute winter	FC68	15	185.188	0.638	3.2	0.9964	0.0000	SURCHARGED
15 minute winter	J1	12	188.376	0.176	8.7	0.2377	0.0000	SURCHARGED
15 minute winter	J2	12	188.249	0.143	8.9	0.1620	0.0000	SURCHARGED
15 minute winter	J3	12	188.139	0.093	9.7	0.1049	0.0000	OK
15 minute winter	J4	12	188.102	0.067	10.5	0.0754	0.0000	OK
15 minute winter	J5	12	187.968	0.058	11.2	0.0651	0.0000	OK
15 minute winter	J6	13	187.747	0.096	12.0	0.1091	0.0000	OK
15 minute winter	J7	13	187.708	0.108	12.8	0.1217	0.0000	OK
15 minute winter	J8	13	187.670	0.077	13.6	0.0872	0.0000	OK
15 minute winter	J9	13	187.376	0.101	14.4	0.1139	0.0000	OK
15 minute winter	J10	13	187.331	0.061	14.9	0.0691	0.0000	OK
15 minute winter	J11	13	187.211	0.090	16.0	0.1013	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC65	67.000	J55	0.8	0.826	0.043	0.0063
15 minute winter	FC66	68.000	S24	0.8	0.576	0.112	0.0030
15 minute winter	FC67	69.000	J56	0.3	0.393	0.056	0.0018
15 minute winter	FC68	70.000	J57	0.8	0.674	0.088	0.0027
15 minute winter	J1	1.001	J2	8.2	1.049	0.989	0.0393
15 minute winter	J2	1.002	J3	8.9	1.139	1.505	0.0080
15 minute winter	J3	1.003	J4	9.7	1.020	0.730	0.0185
15 minute winter	J4	1.004	J5	10.5	1.518	0.311	0.0244
15 minute winter	J5	1.005	J6	11.2	1.242	0.293	0.0515
15 minute winter	J6	1.006	J7	12.0	0.942	0.422	0.0251
15 minute winter	J7	1.007	J8	12.8	1.125	0.919	0.0128
15 minute winter	J8	1.008	J9	13.6	1.578	0.450	0.0730
15 minute winter	J9	1.009	J10	14.1	1.095	0.421	0.0155
15 minute winter	J10	1.010	J11	15.2	1.339	0.118	0.0286
15 minute winter	J11	1.011	S2	16.0	0.782	0.248	0.1133

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J12	12	186.917	0.108	23.5	0.1225	0.0000	OK
15 minute winter	J13	12	186.887	0.185	23.8	0.2097	0.0000	OK
15 minute winter	J14	12	186.868	0.173	24.5	0.1952	0.0000	OK
15 minute winter	J15	12	186.841	0.153	25.2	0.1725	0.0000	OK
15 minute winter	J16	12	186.793	0.123	25.9	0.1394	0.0000	OK
15 minute winter	J17	12	186.452	0.094	26.7	0.1060	0.0000	OK
15 minute winter	J18	12	186.303	0.109	32.2	0.1233	0.0000	OK
15 minute winter	J19	12	186.193	0.166	33.0	0.1882	0.0000	OK
15 minute winter	J20	18	185.963	0.031	1.1	0.0356	0.0000	OK
15 minute winter	J21	18	185.935	0.040	1.9	0.0450	0.0000	OK
15 minute winter	J22	18	185.871	0.053	2.7	0.0603	0.0000	OK
15 minute winter	J23	18	185.837	0.054	3.1	0.0614	0.0000	OK
15 minute winter	J24	11	185.777	0.127	11.0	0.1439	0.0000	OK
15 minute winter	J25	11	185.745	0.130	11.6	0.1473	0.0000	OK
15 minute winter	J26	12	185.711	0.124	12.3	0.1406	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J12	1.013	J13	23.5	0.863	0.351	0.1744
15 minute winter	J13	1.014	J14	23.7	0.700	0.756	0.0642
15 minute winter	J14	1.015	J15	24.4	0.796	0.783	0.0588
15 minute winter	J15	1.016	J16	25.2	0.987	0.822	0.1304
15 minute winter	J16	1.017	J17	25.9	1.302	0.430	0.0668
15 minute winter	J17	1.018	S3	26.7	1.197	0.184	0.0429
15 minute winter	J18	1.020	J19	32.2	1.939	0.248	0.0254
15 minute winter	J19	1.021	S4	32.9	0.913	0.597	0.1585
15 minute winter	J20	23.002	J21	1.1	0.456	0.193	0.0095
15 minute winter	J21	23.003	J22	1.9	0.544	0.328	0.0286
15 minute winter	J22	23.004	J23	2.7	0.662	0.461	0.0154
15 minute winter	J23	23.005	S18	3.1	0.738	0.523	0.0388
15 minute winter	J24	23.007	J25	10.9	0.681	0.816	0.0994
15 minute winter	J25	23.008	J26	11.5	0.724	0.866	0.0791
15 minute winter	J26	23.009	S19	12.3	0.861	0.926	0.0528

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J27	11	185.603	0.142	20.8	0.1610	0.0000	OK
15 minute winter	J28	13	186.626	0.270	8.3	0.3058	0.0000	SURCHARGED
15 minute winter	J29	13	186.444	0.173	8.6	0.1956	0.0000	SURCHARGED
15 minute winter	J30	14	186.264	0.117	10.1	0.1320	0.0000	OK
15 minute winter	J31	14	186.233	0.114	10.9	0.1286	0.0000	OK
15 minute winter	J32	14	186.171	0.107	11.7	0.1208	0.0000	OK
15 minute winter	J33	12	185.692	0.082	17.1	0.0931	0.0000	OK
15 minute winter	J34	11	185.260	0.135	25.5	0.1529	0.0000	OK
15 minute winter	J35	11	185.169	0.094	26.1	0.1058	0.0000	OK
15 minute winter	J36	12	185.015	0.140	26.9	0.1583	0.0000	OK
15 minute winter	J37	12	184.737	0.162	33.0	0.1827	0.0000	OK
15 minute winter	J38	12	184.640	0.265	36.2	0.2998	0.0000	SURCHARGED
15 minute winter	J39	12	184.566	0.228	37.0	0.2576	0.0000	SURCHARGED
15 minute winter	J40	12	184.519	0.193	39.6	0.2188	0.0000	OK
15 minute winter	J41	11	184.648	0.051	2.7	0.0577	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J27	23.011	S4	20.7	0.864	0.694	0.0572
15 minute winter	J28	32.001	J29	7.8	0.996	1.316	0.0691
15 minute winter	J29	32.002	S12	8.5	1.090	1.437	0.0356
15 minute winter	J30	32.004	J31	10.1	0.695	0.759	0.0722
15 minute winter	J31	32.005	J32	10.9	0.784	0.819	0.1352
15 minute winter	J32	32.006	S13	11.7	1.078	0.879	0.0595
15 minute winter	J33	32.008	S14	17.1	1.160	0.482	0.1248
15 minute winter	J34	32.010	J35	25.4	1.254	0.659	0.1827
15 minute winter	J35	32.011	J36	26.1	1.256	0.293	0.1427
15 minute winter	J36	32.012	S15	27.0	1.279	0.900	0.0505
15 minute winter	J37	32.014	S16	32.8	1.367	1.078	0.1281
15 minute winter	J38	32.016	J39	36.2	0.911	1.200	0.4302
15 minute winter	J39	32.017	J40	37.0	0.957	1.201	0.1391
15 minute winter	J40	32.018	S10	39.6	1.162	0.919	0.3250
15 minute winter	J41	48.002	J42	2.7	0.652	0.460	0.0262

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J42	11	184.592	0.055	3.5	0.0624	0.0000	OK
15 minute winter	J43	12	184.459	0.099	6.4	0.1119	0.0000	OK
15 minute winter	J44	12	184.449	0.099	7.1	0.1117	0.0000	OK
15 minute winter	J45	12	184.435	0.135	7.8	0.1522	0.0000	OK
15 minute winter	J46	12	184.406	0.134	11.8	0.1512	0.0000	OK
15 minute winter	J47	13	184.374	0.125	12.5	0.1419	0.0000	OK
15 minute winter	J48	13	184.305	0.150	15.5	0.1702	0.0000	OK
15 minute winter	J49	13	184.291	0.162	16.1	0.1833	0.0000	OK
15 minute winter	J50	13	184.281	0.156	16.8	0.1767	0.0000	OK
15 minute winter	J51	13	184.266	0.158	17.6	0.1787	0.0000	OK
15 minute winter	J52	13	184.252	0.148	18.4	0.1672	0.0000	OK
15 minute winter	J53	13	184.227	0.140	19.2	0.1578	0.0000	OK
15 minute winter	J54	12	185.036	0.057	3.0	0.0645	0.0000	OK
15 minute winter	J55	12	185.006	0.062	3.8	0.0700	0.0000	OK
15 minute winter	J56	12	184.159	0.192	32.8	0.2166	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J42	48.003	S21	3.5	0.578	0.591	0.0481
15 minute winter	J43	48.005	J44	6.3	0.585	0.454	0.0198
15 minute winter	J44	48.006	J45	7.0	0.505	0.527	0.1271
15 minute winter	J45	48.007	S22	8.0	0.482	0.587	0.0402
15 minute winter	J46	48.009	J47	11.7	0.723	0.876	0.0681
15 minute winter	J47	48.010	S23	12.4	0.862	0.932	0.0379
15 minute winter	J48	48.012	J49	15.3	0.539	0.511	0.2191
15 minute winter	J49	48.013	J50	16.0	0.541	0.523	0.0341
15 minute winter	J50	48.014	J51	16.8	0.569	0.563	0.1502
15 minute winter	J51	48.015	J52	17.6	0.615	0.574	0.0326
15 minute winter	J52	48.016	J53	18.4	0.701	0.604	0.1304
15 minute winter	J53	48.017	S24	19.4	0.849	0.642	0.2477
15 minute winter	J54	65.002	J55	3.0	0.619	0.503	0.0176
15 minute winter	J55	65.003	S24	3.8	0.771	0.641	0.0385
15 minute winter	J56	48.019	J57	32.7	0.705	0.603	0.4217

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Results for 100 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J57	12	184.129	0.184	33.5	0.2083	0.0000	OK
15 minute winter	BASIN 1	81	185.524	0.523	55.3	63.0999	0.0000	SURCHARGED
15 minute winter	BASIN 2	255	184.420	0.120	1.2	10.6990	0.0000	OK
15 minute winter	BASIN 3	99	183.160	0.060	46.8	41.3797	0.0000	OK
15 minute winter	BASIN 4	104	183.669	0.339	33.2	45.1845	0.0000	SURCHARGED
15 minute winter	SWALE 1	83	184.961	0.028	1.0	0.0322	0.0000	OK
15 minute winter	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
15 minute winter	SWALE 3	12	184.258	0.188	47.2	0.2123	0.0000	OK
15 minute winter	BH1	255	184.420	0.343	0.9	1.7977	0.0000	OK
15 minute winter	BH2	74	183.160	0.108	3.0	2.1434	0.0000	OK
15 minute winter	BH3	101	183.669	0.363	12.5	3.3016	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J57	48.020	S25	33.3	0.779	0.618	0.3387
15 minute winter	BASIN 1	1.023	S5	3.0	0.350	0.057	0.6013
15 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
15 minute winter	BASIN 2	71.000	BH1	0.9	0.524	0.151	0.1829
15 minute winter	BASIN 3	1.034	BH2	3.0	0.516	0.036	0.5057
15 minute winter	BASIN 4	48.022	BH3	12.5	1.088	0.234	0.7181
15 minute winter	SWALE 1	1.025	S6	1.0	0.296	0.019	0.1292
15 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
15 minute winter	SWALE 3	1.033	BASIN 3	46.8	1.082	0.675	1.8759
15 minute winter	BH1	Infiltration		0.1			
15 minute winter	BH2	Infiltration		0.2			
15 minute winter	BH3	Infiltration		0.2			

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S1	18	188.416	0.046	3.8	0.0624	0.0000	OK
30 minute summer	S2	19	187.185	0.146	21.7	0.2145	0.0000	OK
30 minute summer	S3	19	186.366	0.154	30.0	0.1997	0.0000	OK
30 minute summer	S4	94	185.608	0.230	52.5	0.2735	0.0000	OK
30 minute summer	S5	94	185.608	0.628	2.4	0.7105	0.0000	SURCHARGED
30 minute summer	S6	97	184.874	0.030	1.1	0.0341	0.0000	OK
30 minute summer	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S9	19	184.322	0.122	1.0	0.1383	0.0000	OK
30 minute summer	S10	19	184.322	0.138	44.8	0.2108	0.0000	OK
30 minute summer	S11	19	186.669	0.269	8.7	0.4389	0.0000	SURCHARGED
30 minute summer	S12	21	186.284	0.108	8.8	0.1223	0.0000	OK
30 minute summer	S13	19	186.112	0.078	15.6	0.1109	0.0000	OK
30 minute summer	S14	19	185.482	0.232	23.7	0.3642	0.0000	SURCHARGED
30 minute summer	S15	19	184.961	0.094	30.1	0.1314	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	S1	1.000	J1	3.8	0.667	0.435	0.0466
30 minute summer	S2	1.012	J12	21.6	0.878	0.724	0.0368
30 minute summer	S3	1.019	J18	29.9	1.264	0.978	0.1210
30 minute summer	S4	1.022	BASIN 1	52.5	2.023	0.313	1.0740
30 minute summer	S5	1.024	SWALE 1	1.1	0.304	0.020	0.0729
30 minute summer	S6	1.026	BASIN 2	1.1	0.348	0.020	0.0181
30 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
30 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.1620
30 minute summer	S9	1.031	S10	-1.0	-0.126	-0.019	0.1959
30 minute summer	S10	1.032	SWALE 3	44.5	1.203	0.247	0.1643
30 minute summer	S11	32.000	J28	7.5	0.963	1.267	0.0355
30 minute summer	S12	32.003	J30	8.8	0.639	0.661	0.0705
30 minute summer	S13	32.007	J33	15.6	1.727	0.483	0.1189
30 minute summer	S14	32.009	J34	23.6	1.344	1.364	0.0903
30 minute summer	S15	32.013	J37	30.1	1.347	0.326	0.2080

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S16	18	184.654	0.097	33.4	0.1229	0.0000	OK
30 minute summer	S17	31	186.017	0.017	0.4	0.0190	0.0000	OK
30 minute summer	S18	19	185.786	0.125	9.7	0.1763	0.0000	OK
30 minute summer	S19	19	185.634	0.143	18.6	0.1953	0.0000	OK
30 minute summer	S20	18	184.691	0.049	2.5	0.0593	0.0000	OK
30 minute summer	S21	19	184.543	0.083	5.4	0.0989	0.0000	OK
30 minute summer	S22	20	184.421	0.135	10.6	0.1648	0.0000	OK
30 minute summer	S23	20	184.310	0.152	14.2	0.1796	0.0000	OK
30 minute summer	S24	20	184.174	0.197	31.7	0.2854	0.0000	OK
30 minute summer	S25	20	184.091	0.165	32.4	0.1862	0.0000	OK
30 minute summer	S26	18	185.411	0.034	2.1	0.0414	0.0000	OK
30 minute summer	FC1	24	188.907	0.657	3.5	1.3218	0.0000	SURCHARGED
30 minute summer	FC2	24	188.806	0.656	3.5	1.3281	0.0000	SURCHARGED
30 minute summer	FC3	28	188.880	0.680	5.6	2.4432	0.0000	SURCHARGED
30 minute summer	FC4	23	188.834	0.634	2.8	0.9701	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	S16	32.015	J38	33.5	1.083	0.228	0.0648
30 minute summer	S17	23.001	J20	0.4	0.359	0.061	0.0107
30 minute summer	S18	23.006	J24	9.6	0.635	0.697	0.0282
30 minute summer	S19	23.010	J27	18.4	0.715	0.615	0.2302
30 minute summer	S20	48.001	J41	2.5	0.667	0.417	0.0173
30 minute summer	S21	48.004	J43	5.3	0.807	0.903	0.0337
30 minute summer	S22	48.008	J46	10.5	0.644	0.783	0.0400
30 minute summer	S23	48.011	J48	14.2	0.524	0.459	0.0315
30 minute summer	S24	48.018	J56	31.4	0.663	0.588	0.2021
30 minute summer	S25	48.021	BASIN 4	32.5	0.911	0.589	0.1139
30 minute summer	S26	65.001	J54	2.1	0.890	0.235	0.0197
30 minute summer	FC1	2.000	J1	1.5	0.574	0.235	0.0372
30 minute summer	FC2	3.000	J2	1.4	0.359	0.243	0.0346
30 minute summer	FC3	4.000	J3	0.8	0.552	0.129	0.0200
30 minute summer	FC4	5.000	J4	0.8	0.616	0.104	0.0094

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC5	24	188.652	0.652	3.5	1.3109	0.0000	SURCHARGED
30 minute summer	FC6	23	188.486	0.636	2.8	0.9689	0.0000	SURCHARGED
30 minute summer	FC7	23	188.386	0.636	2.8	0.9702	0.0000	SURCHARGED
30 minute summer	FC8	24	188.404	0.654	3.5	1.3071	0.0000	SURCHARGED
30 minute summer	FC9	23	188.106	0.636	2.8	0.9720	0.0000	SURCHARGED
30 minute summer	FC10	26	188.144	0.674	4.9	2.0311	0.0000	SURCHARGED
30 minute summer	FC11	24	187.964	0.644	3.1	1.1297	0.0000	SURCHARGED
30 minute summer	FC12	24	187.875	0.645	3.1	1.1296	0.0000	SURCHARGED
30 minute summer	FC13	24	187.657	0.657	3.5	1.3093	0.0000	SURCHARGED
30 minute summer	FC14	30	187.040	0.140	3.5	1.7960	0.0000	SURCHARGED
30 minute summer	FC15	23	187.837	0.637	2.8	0.9663	0.0000	SURCHARGED
30 minute summer	FC16	23	187.537	0.637	2.8	0.9709	0.0000	SURCHARGED
30 minute summer	FC17	23	187.637	0.637	2.8	0.9675	0.0000	SURCHARGED
30 minute summer	FC18	23	187.187	0.637	2.8	0.9719	0.0000	SURCHARGED
30 minute summer	FC19	24	187.057	0.657	3.5	1.3094	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC5	6.000	J5	0.8	0.513	0.135	0.0065
30 minute summer	FC6	7.000	J6	0.8	0.678	0.091	0.0159
30 minute summer	FC7	8.000	J7	0.8	0.582	0.112	0.0205
30 minute summer	FC8	9.000	J8	0.8	0.730	0.083	0.0054
30 minute summer	FC9	10.000	J9	0.8	0.518	0.133	0.0110
30 minute summer	FC10	11.000	J10	0.8	0.563	0.123	0.0090
30 minute summer	FC11	12.000	J11	0.8	0.517	0.135	0.0119
30 minute summer	FC12	13.000	S2	0.8	0.517	0.135	0.0106
30 minute summer	FC13	14.000	J12	0.8	0.519	0.135	0.0106
30 minute summer	FC14	15.000	J13	0.4	0.412	0.060	0.0194
30 minute summer	FC15	16.000	J14	0.8	1.102	0.046	0.0091
30 minute summer	FC16	17.000	J15	0.8	0.551	0.122	0.0109
30 minute summer	FC17	18.000	J16	0.8	0.875	0.063	0.0044
30 minute summer	FC18	19.000	J17	0.8	0.516	0.134	0.0107
30 minute summer	FC19	20.000	S3	0.8	0.517	0.136	0.0112

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC20	24	187.603	0.653	3.5	1.3047	0.0000	SURCHARGED
30 minute summer	FC21	24	186.954	0.654	3.5	1.3098	0.0000	SURCHARGED
30 minute summer	FC22	30	186.589	0.139	2.8	1.3536	0.0000	SURCHARGED
30 minute summer	FC23	23	186.936	0.636	2.8	0.9714	0.0000	SURCHARGED
30 minute summer	FC24	24	186.955	0.655	3.5	1.3090	0.0000	SURCHARGED
30 minute summer	FC25	24	187.204	0.654	3.5	1.3046	0.0000	SURCHARGED
30 minute summer	FC26	30	186.585	0.135	2.8	1.3616	0.0000	SURCHARGED
30 minute summer	FC27	23	187.135	0.635	2.8	0.9664	0.0000	SURCHARGED
30 minute summer	FC28	24	187.153	0.653	3.5	1.3048	0.0000	SURCHARGED
30 minute summer	FC29	24	187.160	0.660	3.8	1.4777	0.0000	SURCHARGED
30 minute summer	FC30	24	187.403	0.653	3.5	1.3049	0.0000	SURCHARGED
30 minute summer	FC31	23	187.088	0.638	2.8	0.9915	0.0000	SURCHARGED
30 minute summer	FC32	23	187.086	0.636	2.8	0.9674	0.0000	SURCHARGED
30 minute summer	FC33	24	187.106	0.656	3.5	1.3044	0.0000	SURCHARGED
30 minute summer	FC34	24	187.106	0.656	3.5	1.3093	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC20	21.000	J18	0.8	1.045	0.050	0.0033
30 minute summer	FC21	22.000	J19	0.8	0.518	0.136	0.0118
30 minute summer	FC22	23.000	S17	0.4	0.592	0.019	0.0030
30 minute summer	FC23	24.000	J20	0.8	0.536	0.125	0.0068
30 minute summer	FC24	25.000	J21	0.8	0.605	0.108	0.0062
30 minute summer	FC25	26.000	J22	0.8	1.037	0.051	0.0037
30 minute summer	FC26	27.000	J23	0.4	0.720	0.027	0.0023
30 minute summer	FC27	28.000	J24	0.8	1.138	0.044	0.0031
30 minute summer	FC28	29.000	J25	0.8	1.043	0.050	0.0034
30 minute summer	FC29	30.000	J26	0.8	1.016	0.053	0.0038
30 minute summer	FC30	31.000	J27	0.8	0.972	0.056	0.0037
30 minute summer	FC31	33.000	J28	1.6	0.560	0.173	0.0333
30 minute summer	FC32	34.000	J29	0.8	0.423	0.063	0.0181
30 minute summer	FC33	35.000	S12	0.8	0.955	0.057	0.0114
30 minute summer	FC34	36.000	J30	0.8	0.531	0.130	0.0072

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC35	24	187.103	0.653	3.5	1.3048	0.0000	SURCHARGED
30 minute summer	FC36	24	187.107	0.657	3.8	1.4778	0.0000	SURCHARGED
30 minute summer	FC37	26	186.471	0.671	4.5	1.8408	0.0000	SURCHARGED
30 minute summer	FC38	31	185.566	0.116	2.8	1.3951	0.0000	SURCHARGED
30 minute summer	FC39	23	186.084	0.634	2.8	0.9674	0.0000	SURCHARGED
30 minute summer	FC40	24	186.109	0.609	3.5	1.3148	0.0000	SURCHARGED
30 minute summer	FC41	24	185.501	0.651	3.5	1.3070	0.0000	SURCHARGED
30 minute summer	FC42	24	185.251	0.651	3.5	1.3082	0.0000	SURCHARGED
30 minute summer	FC43	24	185.228	0.628	3.5	1.3113	0.0000	SURCHARGED
30 minute summer	FC44	17	184.636	0.036	2.8	0.0467	0.0000	OK
30 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC46	26	185.374	0.674	4.9	2.0310	0.0000	SURCHARGED
30 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC48	24	185.454	0.654	3.5	1.3047	0.0000	SURCHARGED
30 minute summer	FC49	24	185.455	0.654	3.5	1.3104	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC35	37.000	J31	0.8	0.960	0.057	0.0146
30 minute summer	FC36	38.000	J32	0.8	1.032	0.051	0.0127
30 minute summer	FC37	39.000	J33	0.8	0.693	0.092	0.0092
30 minute summer	FC38	40.000	J34	0.3	0.675	0.026	0.0023
30 minute summer	FC39	41.000	J35	0.8	0.966	0.055	0.0036
30 minute summer	FC40	42.000	J36	0.8	1.176	0.041	0.0034
30 minute summer	FC41	43.000	J37	0.8	0.773	0.077	0.0071
30 minute summer	FC42	44.000	J38	0.8	0.673	0.093	0.0222
30 minute summer	FC43	45.000	J39	0.8	0.783	0.073	0.0182
30 minute summer	FC44	46.000	J40	2.8	1.125	0.253	0.0150
30 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
30 minute summer	FC46	48.000	S20	0.8	0.506	0.137	0.0158
30 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0098
30 minute summer	FC48	50.000	J42	0.8	0.704	0.058	0.0126
30 minute summer	FC49	51.000	S21	0.8	0.514	0.135	0.0068

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC50	24	185.455	0.655	3.5	1.3102	0.0000	SURCHARGED
30 minute summer	FC51	24	185.501	0.651	3.5	1.3105	0.0000	SURCHARGED
30 minute summer	FC52	25	185.911	0.661	4.2	1.6589	0.0000	SURCHARGED
30 minute summer	FC53	24	185.904	0.654	3.5	1.3071	0.0000	SURCHARGED
30 minute summer	FC54	23	185.886	0.636	2.8	0.9682	0.0000	SURCHARGED
30 minute summer	FC55	23	185.885	0.635	2.8	0.9671	0.0000	SURCHARGED
30 minute summer	FC56	24	186.003	0.653	3.5	1.3048	0.0000	SURCHARGED
30 minute summer	FC57	24	186.004	0.654	3.5	1.3048	0.0000	SURCHARGED
30 minute summer	FC58	23	185.985	0.635	2.8	0.9676	0.0000	SURCHARGED
30 minute summer	FC59	23	185.986	0.636	2.8	0.9676	0.0000	SURCHARGED
30 minute summer	FC60	24	186.004	0.654	3.5	1.3051	0.0000	SURCHARGED
30 minute summer	FC61	24	185.954	0.654	3.5	1.3075	0.0000	SURCHARGED
30 minute summer	FC62	27	185.927	0.677	5.2	2.2113	0.0000	SURCHARGED
30 minute summer	FC63	23	186.036	0.636	2.8	0.9722	0.0000	SURCHARGED
30 minute summer	FC64	24	185.794	0.794	3.5	1.2834	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC50	52.000	J43	0.8	0.514	0.135	0.0073
30 minute summer	FC51	55.000	S22	0.8	0.517	0.135	0.0095
30 minute summer	FC52	58.000	S23	0.8	0.755	0.080	0.0058
30 minute summer	FC53	61.000	J50	0.8	0.707	0.087	0.0049
30 minute summer	FC54	62.000	J51	0.8	0.781	0.074	0.0040
30 minute summer	FC55	64.000	J53	0.8	0.988	0.053	0.0033
30 minute summer	FC56	53.000	J44	0.8	1.026	0.052	0.0052
30 minute summer	FC57	54.000	J45	0.8	0.962	0.057	0.0054
30 minute summer	FC58	56.000	J46	0.8	0.920	0.059	0.0054
30 minute summer	FC59	57.000	J47	0.8	0.853	0.066	0.0060
30 minute summer	FC60	59.000	J48	0.8	0.847	0.068	0.0063
30 minute summer	FC61	60.000	J49	0.8	0.679	0.093	0.0088
30 minute summer	FC62	63.000	J52	0.8	0.629	0.107	0.0122
30 minute summer	FC63	65.000	S26	0.8	0.548	0.134	0.0047
30 minute summer	FC64	66.000	J54	0.9	0.374	0.156	0.0077

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC65	24	185.806	0.656	3.5	1.3040	0.0000	SURCHARGED
30 minute summer	FC66	24	185.656	0.656	3.5	1.3090	0.0000	SURCHARGED
30 minute summer	FC67	31	184.933	0.133	2.8	1.3728	0.0000	SURCHARGED
30 minute summer	FC68	23	185.186	0.636	2.8	0.9695	0.0000	SURCHARGED
30 minute summer	J1	19	188.348	0.148	7.9	0.1997	0.0000	SURCHARGED
30 minute summer	J2	20	188.239	0.133	8.3	0.1501	0.0000	SURCHARGED
30 minute summer	J3	20	188.135	0.089	9.0	0.1006	0.0000	OK
30 minute summer	J4	20	188.099	0.064	9.8	0.0726	0.0000	OK
30 minute summer	J5	20	187.966	0.056	10.6	0.0628	0.0000	OK
30 minute summer	J6	20	187.743	0.093	11.4	0.1050	0.0000	OK
30 minute summer	J7	20	187.704	0.104	12.2	0.1178	0.0000	OK
30 minute summer	J8	20	187.668	0.075	12.9	0.0843	0.0000	OK
30 minute summer	J9	21	187.373	0.098	13.7	0.1108	0.0000	OK
30 minute summer	J10	21	187.329	0.059	14.3	0.0671	0.0000	OK
30 minute summer	J11	21	187.208	0.087	15.3	0.0985	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC65	67.000	J55	0.8	0.829	0.043	0.0062
30 minute summer	FC66	68.000	S24	0.8	0.576	0.112	0.0030
30 minute summer	FC67	69.000	J56	0.3	0.397	0.058	0.0018
30 minute summer	FC68	70.000	J57	0.8	0.674	0.088	0.0027
30 minute summer	J1	1.001	J2	7.6	0.968	0.913	0.0393
30 minute summer	J2	1.002	J3	8.2	1.049	1.385	0.0079
30 minute summer	J3	1.003	J4	9.0	0.999	0.680	0.0176
30 minute summer	J4	1.004	J5	9.8	1.499	0.293	0.0232
30 minute summer	J5	1.005	J6	10.6	1.228	0.278	0.0493
30 minute summer	J6	1.006	J7	11.4	0.928	0.400	0.0241
30 minute summer	J7	1.007	J8	12.1	1.109	0.870	0.0123
30 minute summer	J8	1.008	J9	12.9	1.559	0.426	0.0700
30 minute summer	J9	1.009	J10	13.5	1.095	0.405	0.0150
30 minute summer	J10	1.010	J11	14.5	1.323	0.112	0.0275
30 minute summer	J11	1.011	S2	15.3	0.775	0.238	0.1096

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J12	19	186.913	0.104	22.4	0.1178	0.0000	OK
30 minute summer	J13	20	186.882	0.180	22.7	0.2030	0.0000	OK
30 minute summer	J14	20	186.863	0.168	23.3	0.1895	0.0000	OK
30 minute summer	J15	20	186.836	0.148	24.1	0.1679	0.0000	OK
30 minute summer	J16	20	186.791	0.120	25.0	0.1362	0.0000	OK
30 minute summer	J17	20	186.449	0.091	25.7	0.1027	0.0000	OK
30 minute summer	J18	20	186.300	0.106	30.7	0.1196	0.0000	OK
30 minute summer	J19	20	186.190	0.163	31.6	0.1838	0.0000	OK
30 minute summer	J20	27	185.963	0.032	1.1	0.0357	0.0000	OK
30 minute summer	J21	26	185.935	0.040	1.9	0.0451	0.0000	OK
30 minute summer	J22	27	185.872	0.053	2.8	0.0605	0.0000	OK
30 minute summer	J23	27	185.838	0.054	3.1	0.0616	0.0000	OK
30 minute summer	J24	19	185.770	0.120	10.3	0.1357	0.0000	OK
30 minute summer	J25	19	185.740	0.125	11.0	0.1416	0.0000	OK
30 minute summer	J26	19	185.707	0.120	11.8	0.1359	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J12	1.013	J13	22.4	0.856	0.334	0.1675
30 minute summer	J13	1.014	J14	22.5	0.690	0.718	0.0623
30 minute summer	J14	1.015	J15	23.4	0.786	0.748	0.0570
30 minute summer	J15	1.016	J16	24.2	0.977	0.790	0.1266
30 minute summer	J16	1.017	J17	25.0	1.290	0.414	0.0650
30 minute summer	J17	1.018	S3	25.8	1.189	0.177	0.0413
30 minute summer	J18	1.020	J19	30.8	1.946	0.237	0.0243
30 minute summer	J19	1.021	S4	31.6	0.902	0.573	0.1541
30 minute summer	J20	23.002	J21	1.1	0.457	0.195	0.0095
30 minute summer	J21	23.003	J22	1.9	0.544	0.329	0.0287
30 minute summer	J22	23.004	J23	2.8	0.660	0.463	0.0155
30 minute summer	J23	23.005	S18	3.1	0.739	0.526	0.0373
30 minute summer	J24	23.007	J25	10.2	0.669	0.765	0.0952
30 minute summer	J25	23.008	J26	11.0	0.712	0.826	0.0765
30 minute summer	J26	23.009	S19	11.8	0.846	0.883	0.0513

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J27	94	185.608	0.147	19.2	0.1665	0.0000	OK
30 minute summer	J28	20	186.588	0.232	7.7	0.2626	0.0000	SURCHARGED
30 minute summer	J29	21	186.426	0.155	8.1	0.1757	0.0000	SURCHARGED
30 minute summer	J30	21	186.259	0.112	9.6	0.1269	0.0000	OK
30 minute summer	J31	21	186.229	0.110	10.4	0.1239	0.0000	OK
30 minute summer	J32	21	186.168	0.104	11.2	0.1177	0.0000	OK
30 minute summer	J33	19	185.687	0.077	16.4	0.0866	0.0000	OK
30 minute summer	J34	19	185.255	0.130	23.9	0.1473	0.0000	OK
30 minute summer	J35	19	185.165	0.090	24.7	0.1019	0.0000	OK
30 minute summer	J36	19	185.010	0.135	25.4	0.1530	0.0000	OK
30 minute summer	J37	19	184.728	0.153	30.9	0.1735	0.0000	OK
30 minute summer	J38	19	184.620	0.245	34.3	0.2766	0.0000	SURCHARGED
30 minute summer	J39	19	184.553	0.215	35.0	0.2433	0.0000	OK
30 minute summer	J40	19	184.507	0.182	37.4	0.2059	0.0000	OK
30 minute summer	J41	18	184.645	0.048	2.5	0.0543	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J27	23.011	S4	19.3	0.845	0.646	0.0678
30 minute summer	J28	32.001	J29	7.3	0.936	1.237	0.0691
30 minute summer	J29	32.002	S12	8.0	1.027	1.352	0.0354
30 minute summer	J30	32.004	J31	9.6	0.688	0.724	0.0694
30 minute summer	J31	32.005	J32	10.4	0.775	0.781	0.1307
30 minute summer	J32	32.006	S13	11.2	1.056	0.843	0.0581
30 minute summer	J33	32.008	S14	16.3	1.127	0.458	0.1209
30 minute summer	J34	32.010	J35	23.9	1.239	0.620	0.1743
30 minute summer	J35	32.011	J36	24.7	1.241	0.277	0.1365
30 minute summer	J36	32.012	S15	25.4	1.263	0.847	0.0482
30 minute summer	J37	32.014	S16	30.9	1.379	1.017	0.1167
30 minute summer	J38	32.016	J39	34.2	0.861	1.134	0.4267
30 minute summer	J39	32.017	J40	34.9	0.940	1.133	0.1344
30 minute summer	J40	32.018	S10	37.2	1.154	0.864	0.3084
30 minute summer	J41	48.002	J42	2.5	0.630	0.416	0.0245

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J42	19	184.590	0.053	3.2	0.0599	0.0000	OK
30 minute summer	J43	20	184.454	0.094	6.1	0.1063	0.0000	OK
30 minute summer	J44	20	184.444	0.094	6.8	0.1059	0.0000	OK
30 minute summer	J45	20	184.430	0.130	7.6	0.1466	0.0000	OK
30 minute summer	J46	20	184.402	0.130	11.3	0.1468	0.0000	OK
30 minute summer	J47	20	184.371	0.123	12.1	0.1391	0.0000	OK
30 minute summer	J48	20	184.301	0.147	15.0	0.1665	0.0000	OK
30 minute summer	J49	20	184.288	0.159	15.7	0.1794	0.0000	OK
30 minute summer	J50	20	184.278	0.153	16.4	0.1727	0.0000	OK
30 minute summer	J51	21	184.263	0.155	17.1	0.1750	0.0000	OK
30 minute summer	J52	20	184.249	0.145	18.0	0.1635	0.0000	OK
30 minute summer	J53	20	184.224	0.137	18.8	0.1546	0.0000	OK
30 minute summer	J54	19	185.035	0.056	2.9	0.0631	0.0000	OK
30 minute summer	J55	20	185.005	0.061	3.7	0.0685	0.0000	OK
30 minute summer	J56	20	184.155	0.188	31.7	0.2122	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J42	48.003	S21	3.3	0.579	0.552	0.0457
30 minute summer	J43	48.005	J44	6.0	0.576	0.433	0.0186
30 minute summer	J44	48.006	J45	6.8	0.505	0.510	0.1217
30 minute summer	J45	48.007	S22	7.6	0.483	0.564	0.0391
30 minute summer	J46	48.009	J47	11.3	0.713	0.846	0.0667
30 minute summer	J47	48.010	S23	12.1	0.852	0.906	0.0372
30 minute summer	J48	48.012	J49	14.9	0.528	0.498	0.2139
30 minute summer	J49	48.013	J50	15.6	0.536	0.510	0.0333
30 minute summer	J50	48.014	J51	16.3	0.566	0.547	0.1466
30 minute summer	J51	48.015	J52	17.1	0.612	0.559	0.0318
30 minute summer	J52	48.016	J53	18.0	0.695	0.591	0.1272
30 minute summer	J53	48.017	S24	19.0	0.839	0.629	0.2415
30 minute summer	J54	65.002	J55	2.9	0.611	0.486	0.0171
30 minute summer	J55	65.003	S24	3.7	0.767	0.621	0.0376
30 minute summer	J56	48.019	J57	31.6	0.699	0.582	0.4125

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Results for 100 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J57	20	184.126	0.181	32.4	0.2049	0.0000	OK
30 minute summer	BASIN 1	94	185.608	0.608	52.5	74.6030	0.0000	SURCHARGED
30 minute summer	BASIN 2	270	184.437	0.137	1.3	12.2883	0.0000	OK
30 minute summer	BASIN 3	116	183.171	0.071	44.2	49.6208	0.0000	OK
30 minute summer	BASIN 4	121	183.733	0.403	32.5	54.3207	0.0000	SURCHARGED
30 minute summer	SWALE 1	96	184.962	0.030	1.1	0.0334	0.0000	OK
30 minute summer	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWALE 3	20	184.250	0.180	44.5	0.2034	0.0000	OK
30 minute summer	BH1	270	184.437	0.360	0.9	1.8473	0.0000	OK
30 minute summer	BH2	89	183.172	0.120	3.7	2.2025	0.0000	OK
30 minute summer	BH3	118	183.733	0.427	12.5	3.5978	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J57	48.020	S25	32.4	0.772	0.601	0.3327
30 minute summer	BASIN 1	1.023	S5	2.4	0.280	0.045	0.6013
30 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
30 minute summer	BASIN 2	71.000	BH1	0.9	0.530	0.160	0.1829
30 minute summer	BASIN 3	1.034	BH2	3.7	0.539	0.044	0.6060
30 minute summer	BASIN 4	48.022	BH3	12.5	1.041	0.234	0.7181
30 minute summer	SWALE 1	1.025	S6	1.1	0.302	0.021	0.1362
30 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
30 minute summer	SWALE 3	1.033	BASIN 3	44.2	1.065	0.638	1.7946
30 minute summer	BH1	Infiltration		0.1			
30 minute summer	BH2	Infiltration		0.2			
30 minute summer	BH3	Infiltration		0.2			

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S1	18	188.414	0.044	3.5	0.0596	0.0000	OK
30 minute winter	S2	20	187.184	0.144	21.3	0.2126	0.0000	OK
30 minute winter	S3	20	186.365	0.153	29.8	0.1993	0.0000	OK
30 minute winter	S4	104	185.671	0.293	51.5	0.3486	0.0000	OK
30 minute winter	S5	99	185.671	0.691	2.5	0.7811	0.0000	SURCHARGED
30 minute winter	S6	103	184.875	0.031	1.1	0.0349	0.0000	OK
30 minute winter	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S9	19	184.318	0.118	0.7	0.1339	0.0000	OK
30 minute winter	S10	19	184.318	0.134	43.0	0.2050	0.0000	OK
30 minute winter	S11	20	186.650	0.250	7.8	0.4084	0.0000	SURCHARGED
30 minute winter	S12	21	186.283	0.107	8.7	0.1205	0.0000	OK
30 minute winter	S13	19	186.111	0.077	15.3	0.1098	0.0000	OK
30 minute winter	S14	19	185.470	0.220	22.8	0.3449	0.0000	SURCHARGED
30 minute winter	S15	19	184.959	0.092	29.1	0.1283	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	S1	1.000	J1	3.5	0.633	0.401	0.0457
30 minute winter	S2	1.012	J12	21.3	0.873	0.713	0.0364
30 minute winter	S3	1.019	J18	29.8	1.263	0.975	0.1207
30 minute winter	S4	1.022	BASIN 1	51.5	2.116	0.307	1.1751
30 minute winter	S5	1.024	SWALE 1	1.1	0.309	0.021	0.0755
30 minute winter	S6	1.026	BASIN 2	1.1	0.351	0.021	0.0188
30 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
30 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.1552
30 minute winter	S9	1.031	S10	-0.7	-0.139	-0.013	0.1884
30 minute winter	S10	1.032	SWALE 3	42.8	1.181	0.237	0.1601
30 minute winter	S11	32.000	J28	7.0	0.893	1.175	0.0355
30 minute winter	S12	32.003	J30	8.7	0.635	0.649	0.0695
30 minute winter	S13	32.007	J33	15.2	1.729	0.473	0.1155
30 minute winter	S14	32.009	J34	22.8	1.295	1.314	0.0899
30 minute winter	S15	32.013	J37	29.1	1.335	0.315	0.2026

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S16	18	184.652	0.095	32.2	0.1195	0.0000	OK
30 minute winter	S17	31	186.017	0.017	0.4	0.0196	0.0000	OK
30 minute winter	S18	19	185.782	0.121	9.3	0.1708	0.0000	OK
30 minute winter	S19	110	185.671	0.180	17.7	0.2468	0.0000	OK
30 minute winter	S20	18	184.690	0.048	2.4	0.0579	0.0000	OK
30 minute winter	S21	19	184.540	0.081	5.2	0.0958	0.0000	OK
30 minute winter	S22	20	184.420	0.134	10.5	0.1640	0.0000	OK
30 minute winter	S23	20	184.310	0.152	14.1	0.1797	0.0000	OK
30 minute winter	S24	20	184.175	0.198	31.6	0.2873	0.0000	OK
30 minute winter	S25	20	184.091	0.165	32.7	0.1868	0.0000	OK
30 minute winter	S26	18	185.411	0.034	2.0	0.0408	0.0000	OK
30 minute winter	FC1	26	188.922	0.672	3.1	1.5128	0.0000	SURCHARGED
30 minute winter	FC2	26	188.820	0.670	3.1	1.5249	0.0000	SURCHARGED
30 minute winter	FC3	30	188.894	0.694	5.0	2.7995	0.0000	SURCHARGED
30 minute winter	FC4	25	188.845	0.645	2.5	1.0938	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	S16	32.015	J38	32.2	1.072	0.219	0.0641
30 minute winter	S17	23.001	J20	0.4	0.366	0.065	0.0110
30 minute winter	S18	23.006	J24	9.1	0.622	0.667	0.0274
30 minute winter	S19	23.010	J27	17.7	0.705	0.590	0.3235
30 minute winter	S20	48.001	J41	2.4	0.659	0.401	0.0168
30 minute winter	S21	48.004	J43	5.2	0.806	0.876	0.0328
30 minute winter	S22	48.008	J46	10.4	0.640	0.777	0.0398
30 minute winter	S23	48.011	J48	14.1	0.517	0.457	0.0315
30 minute winter	S24	48.018	J56	31.5	0.662	0.590	0.2036
30 minute winter	S25	48.021	BASIN 4	32.7	0.912	0.592	0.1143
30 minute winter	S26	65.001	J54	2.0	0.883	0.229	0.0193
30 minute winter	FC1	2.000	J1	1.3	0.577	0.205	0.0352
30 minute winter	FC2	3.000	J2	1.2	0.360	0.208	0.0339
30 minute winter	FC3	4.000	J3	0.8	0.553	0.130	0.0192
30 minute winter	FC4	5.000	J4	0.8	0.618	0.105	0.0095

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC5	26	188.665	0.665	3.1	1.5054	0.0000	SURCHARGED
30 minute winter	FC6	25	188.498	0.648	2.5	1.0920	0.0000	SURCHARGED
30 minute winter	FC7	25	188.398	0.648	2.5	1.0935	0.0000	SURCHARGED
30 minute winter	FC8	26	188.418	0.668	3.1	1.5008	0.0000	SURCHARGED
30 minute winter	FC9	25	188.118	0.648	2.5	1.0953	0.0000	SURCHARGED
30 minute winter	FC10	29	188.160	0.690	4.4	2.3603	0.0000	SURCHARGED
30 minute winter	FC11	25	187.977	0.657	2.8	1.2856	0.0000	SURCHARGED
30 minute winter	FC12	25	187.887	0.657	2.8	1.2856	0.0000	SURCHARGED
30 minute winter	FC13	26	187.672	0.672	3.1	1.5033	0.0000	SURCHARGED
30 minute winter	FC14	31	187.060	0.160	3.1	2.0482	0.0000	SURCHARGED
30 minute winter	FC15	25	187.849	0.649	2.5	1.0888	0.0000	SURCHARGED
30 minute winter	FC16	25	187.549	0.649	2.5	1.0944	0.0000	SURCHARGED
30 minute winter	FC17	25	187.649	0.649	2.5	1.0902	0.0000	SURCHARGED
30 minute winter	FC18	25	187.200	0.650	2.5	1.0952	0.0000	SURCHARGED
30 minute winter	FC19	26	187.072	0.672	3.1	1.5033	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC5	6.000	J5	0.8	0.514	0.136	0.0065
30 minute winter	FC6	7.000	J6	0.8	0.680	0.092	0.0152
30 minute winter	FC7	8.000	J7	0.8	0.587	0.113	0.0199
30 minute winter	FC8	9.000	J8	0.8	0.732	0.084	0.0052
30 minute winter	FC9	10.000	J9	0.8	0.520	0.134	0.0111
30 minute winter	FC10	11.000	J10	0.8	0.565	0.124	0.0091
30 minute winter	FC11	12.000	J11	0.8	0.519	0.136	0.0120
30 minute winter	FC12	13.000	S2	0.8	0.518	0.136	0.0107
30 minute winter	FC13	14.000	J12	0.8	0.521	0.137	0.0107
30 minute winter	FC14	15.000	J13	0.4	0.421	0.064	0.0192
30 minute winter	FC15	16.000	J14	0.8	1.106	0.046	0.0089
30 minute winter	FC16	17.000	J15	0.8	0.552	0.124	0.0110
30 minute winter	FC17	18.000	J16	0.8	0.878	0.064	0.0044
30 minute winter	FC18	19.000	J17	0.8	0.517	0.135	0.0108
30 minute winter	FC19	20.000	S3	0.8	0.518	0.138	0.0111

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC20	26	187.617	0.667	3.1	1.4979	0.0000	SURCHARGED
30 minute winter	FC21	26	186.968	0.668	3.1	1.5043	0.0000	SURCHARGED
30 minute winter	FC22	30	186.608	0.158	2.5	1.5384	0.0000	SURCHARGED
30 minute winter	FC23	25	186.949	0.649	2.5	1.0948	0.0000	SURCHARGED
30 minute winter	FC24	26	186.969	0.669	3.1	1.5025	0.0000	SURCHARGED
30 minute winter	FC25	26	187.217	0.667	3.1	1.4977	0.0000	SURCHARGED
30 minute winter	FC26	30	186.603	0.153	2.5	1.5470	0.0000	SURCHARGED
30 minute winter	FC27	25	187.147	0.647	2.5	1.0891	0.0000	SURCHARGED
30 minute winter	FC28	26	187.166	0.666	3.1	1.4981	0.0000	SURCHARGED
30 minute winter	FC29	26	187.174	0.674	3.5	1.6958	0.0000	SURCHARGED
30 minute winter	FC30	26	187.417	0.666	3.1	1.4987	0.0000	SURCHARGED
30 minute winter	FC31	25	187.100	0.650	2.5	1.1169	0.0000	SURCHARGED
30 minute winter	FC32	25	187.098	0.648	2.5	1.0903	0.0000	SURCHARGED
30 minute winter	FC33	26	187.120	0.670	3.1	1.4977	0.0000	SURCHARGED
30 minute winter	FC34	26	187.121	0.670	3.1	1.5038	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC20	21.000	J18	0.8	1.048	0.051	0.0034
30 minute winter	FC21	22.000	J19	0.8	0.520	0.137	0.0119
30 minute winter	FC22	23.000	S17	0.4	0.610	0.021	0.0031
30 minute winter	FC23	24.000	J20	0.8	0.537	0.127	0.0068
30 minute winter	FC24	25.000	J21	0.8	0.607	0.109	0.0062
30 minute winter	FC25	26.000	J22	0.8	1.040	0.051	0.0037
30 minute winter	FC26	27.000	J23	0.4	0.735	0.029	0.0024
30 minute winter	FC27	28.000	J24	0.8	1.141	0.044	0.0032
30 minute winter	FC28	29.000	J25	0.8	1.046	0.051	0.0034
30 minute winter	FC29	30.000	J26	0.8	1.019	0.053	0.0038
30 minute winter	FC30	31.000	J27	0.8	0.975	0.056	0.0037
30 minute winter	FC31	33.000	J28	1.5	0.584	0.161	0.0333
30 minute winter	FC32	34.000	J29	0.8	0.440	0.064	0.0181
30 minute winter	FC33	35.000	S12	0.8	0.958	0.058	0.0111
30 minute winter	FC34	36.000	J30	0.8	0.532	0.131	0.0073

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC35	26	187.117	0.666	3.1	1.4985	0.0000	SURCHARGED
30 minute winter	FC36	26	187.120	0.669	3.5	1.6962	0.0000	SURCHARGED
30 minute winter	FC37	28	186.486	0.686	4.1	2.1106	0.0000	SURCHARGED
30 minute winter	FC38	31	185.581	0.131	2.5	1.5810	0.0000	SURCHARGED
30 minute winter	FC39	25	186.094	0.644	2.5	1.0904	0.0000	SURCHARGED
30 minute winter	FC40	26	186.123	0.623	3.1	1.5125	0.0000	SURCHARGED
30 minute winter	FC41	26	185.513	0.663	3.1	1.5009	0.0000	SURCHARGED
30 minute winter	FC42	26	185.263	0.663	3.1	1.5018	0.0000	SURCHARGED
30 minute winter	FC43	26	185.232	0.632	3.1	1.5129	0.0000	SURCHARGED
30 minute winter	FC44	17	184.634	0.034	2.5	0.0439	0.0000	OK
30 minute winter	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC46	29	185.390	0.690	4.4	2.3630	0.0000	SURCHARGED
30 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC48	26	185.468	0.668	3.1	1.4983	0.0000	SURCHARGED
30 minute winter	FC49	26	185.468	0.668	3.1	1.5046	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC35	37.000	J31	0.8	0.963	0.057	0.0144
30 minute winter	FC36	38.000	J32	0.8	1.035	0.052	0.0127
30 minute winter	FC37	39.000	J33	0.8	0.695	0.093	0.0085
30 minute winter	FC38	40.000	J34	0.3	0.688	0.028	0.0024
30 minute winter	FC39	41.000	J35	0.8	0.968	0.055	0.0037
30 minute winter	FC40	42.000	J36	0.8	1.180	0.041	0.0034
30 minute winter	FC41	43.000	J37	0.8	0.776	0.077	0.0065
30 minute winter	FC42	44.000	J38	0.8	0.675	0.094	0.0222
30 minute winter	FC43	45.000	J39	0.8	0.784	0.073	0.0172
30 minute winter	FC44	46.000	J40	2.5	1.080	0.224	0.0135
30 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
30 minute winter	FC46	48.000	S20	0.8	0.508	0.139	0.0155
30 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0095
30 minute winter	FC48	50.000	J42	0.8	0.679	0.058	0.0124
30 minute winter	FC49	51.000	S21	0.8	0.515	0.137	0.0069

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC50	26	185.469	0.669	3.1	1.5043	0.0000	SURCHARGED
30 minute winter	FC51	26	185.514	0.663	3.1	1.5054	0.0000	SURCHARGED
30 minute winter	FC52	27	185.924	0.674	3.8	1.8995	0.0000	SURCHARGED
30 minute winter	FC53	26	185.917	0.667	3.1	1.5006	0.0000	SURCHARGED
30 minute winter	FC54	25	185.897	0.647	2.5	1.0913	0.0000	SURCHARGED
30 minute winter	FC55	25	185.896	0.646	2.5	1.0898	0.0000	SURCHARGED
30 minute winter	FC56	26	186.016	0.666	3.1	1.4981	0.0000	SURCHARGED
30 minute winter	FC57	26	186.018	0.668	3.1	1.4985	0.0000	SURCHARGED
30 minute winter	FC58	25	185.997	0.647	2.5	1.0904	0.0000	SURCHARGED
30 minute winter	FC59	25	185.999	0.649	2.5	1.0905	0.0000	SURCHARGED
30 minute winter	FC60	26	186.018	0.668	3.1	1.4989	0.0000	SURCHARGED
30 minute winter	FC61	26	185.968	0.668	3.1	1.5007	0.0000	SURCHARGED
30 minute winter	FC62	29	185.943	0.693	4.7	2.5673	0.0000	SURCHARGED
30 minute winter	FC63	25	186.048	0.648	2.5	1.0960	0.0000	SURCHARGED
30 minute winter	FC64	25	185.812	0.812	3.1	1.4665	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC50	52.000	J43	0.8	0.516	0.137	0.0074
30 minute winter	FC51	55.000	S22	0.8	0.518	0.137	0.0096
30 minute winter	FC52	58.000	S23	0.8	0.757	0.081	0.0059
30 minute winter	FC53	61.000	J50	0.8	0.709	0.087	0.0049
30 minute winter	FC54	62.000	J51	0.8	0.783	0.074	0.0041
30 minute winter	FC55	64.000	J53	0.8	0.990	0.054	0.0034
30 minute winter	FC56	53.000	J44	0.8	1.028	0.053	0.0052
30 minute winter	FC57	54.000	J45	0.8	0.964	0.058	0.0055
30 minute winter	FC58	56.000	J46	0.8	0.922	0.060	0.0054
30 minute winter	FC59	57.000	J47	0.8	0.855	0.067	0.0060
30 minute winter	FC60	59.000	J48	0.8	0.850	0.069	0.0063
30 minute winter	FC61	60.000	J49	0.8	0.681	0.094	0.0088
30 minute winter	FC62	63.000	J52	0.8	0.631	0.108	0.0123
30 minute winter	FC63	65.000	S26	0.8	0.563	0.135	0.0047
30 minute winter	FC64	66.000	J54	0.9	0.377	0.156	0.0076

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC65	26	185.820	0.670	3.1	1.4967	0.0000	SURCHARGED
30 minute winter	FC66	26	185.671	0.671	3.1	1.5025	0.0000	SURCHARGED
30 minute winter	FC67	30	184.951	0.151	2.5	1.5583	0.0000	SURCHARGED
30 minute winter	FC68	25	185.198	0.648	2.5	1.0928	0.0000	SURCHARGED
30 minute winter	J1	19	188.333	0.133	7.4	0.1791	0.0000	SURCHARGED
30 minute winter	J2	20	188.234	0.128	7.9	0.1453	0.0000	SURCHARGED
30 minute winter	J3	20	188.133	0.087	8.7	0.0985	0.0000	OK
30 minute winter	J4	20	188.098	0.063	9.5	0.0711	0.0000	OK
30 minute winter	J5	20	187.965	0.054	10.3	0.0616	0.0000	OK
30 minute winter	J6	20	187.741	0.091	11.1	0.1028	0.0000	OK
30 minute winter	J7	20	187.703	0.102	11.8	0.1159	0.0000	OK
30 minute winter	J8	21	187.667	0.074	12.6	0.0832	0.0000	OK
30 minute winter	J9	21	187.372	0.097	13.4	0.1096	0.0000	OK
30 minute winter	J10	21	187.329	0.059	14.3	0.0663	0.0000	OK
30 minute winter	J11	21	187.207	0.086	15.0	0.0969	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC65	67.000	J55	0.8	0.753	0.044	0.0062
30 minute winter	FC66	68.000	S24	0.8	0.578	0.113	0.0030
30 minute winter	FC67	69.000	J56	0.4	0.405	0.063	0.0019
30 minute winter	FC68	70.000	J57	0.8	0.676	0.089	0.0027
30 minute winter	J1	1.001	J2	7.2	0.920	0.868	0.0393
30 minute winter	J2	1.002	J3	7.9	1.009	1.333	0.0079
30 minute winter	J3	1.003	J4	8.7	0.989	0.655	0.0172
30 minute winter	J4	1.004	J5	9.5	1.488	0.283	0.0226
30 minute winter	J5	1.005	J6	10.3	1.218	0.269	0.0481
30 minute winter	J6	1.006	J7	11.1	0.921	0.389	0.0236
30 minute winter	J7	1.007	J8	11.8	1.101	0.848	0.0121
30 minute winter	J8	1.008	J9	12.6	1.551	0.418	0.0689
30 minute winter	J9	1.009	J10	13.5	1.110	0.404	0.0147
30 minute winter	J10	1.010	J11	14.2	1.311	0.110	0.0270
30 minute winter	J11	1.011	S2	15.0	0.766	0.234	0.1089

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J12	20	186.912	0.103	22.1	0.1166	0.0000	OK
30 minute winter	J13	20	186.881	0.179	22.4	0.2021	0.0000	OK
30 minute winter	J14	20	186.862	0.167	23.2	0.1886	0.0000	OK
30 minute winter	J15	20	186.836	0.148	24.0	0.1670	0.0000	OK
30 minute winter	J16	20	186.790	0.120	24.8	0.1355	0.0000	OK
30 minute winter	J17	20	186.448	0.090	25.5	0.1021	0.0000	OK
30 minute winter	J18	20	186.300	0.105	30.6	0.1193	0.0000	OK
30 minute winter	J19	20	186.189	0.162	31.4	0.1834	0.0000	OK
30 minute winter	J20	29	185.963	0.032	1.2	0.0364	0.0000	OK
30 minute winter	J21	28	185.935	0.040	2.0	0.0457	0.0000	OK
30 minute winter	J22	28	185.872	0.054	2.8	0.0613	0.0000	OK
30 minute winter	J23	29	185.838	0.055	3.2	0.0626	0.0000	OK
30 minute winter	J24	19	185.766	0.116	9.9	0.1316	0.0000	OK
30 minute winter	J25	19	185.737	0.122	10.6	0.1380	0.0000	OK
30 minute winter	J26	19	185.705	0.118	11.4	0.1332	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J12	1.013	J13	22.1	0.850	0.330	0.1668
30 minute winter	J13	1.014	J14	22.4	0.685	0.714	0.0620
30 minute winter	J14	1.015	J15	23.2	0.783	0.743	0.0567
30 minute winter	J15	1.016	J16	24.0	0.975	0.783	0.1258
30 minute winter	J16	1.017	J17	24.7	1.287	0.411	0.0646
30 minute winter	J17	1.018	S3	25.5	1.183	0.175	0.0412
30 minute winter	J18	1.020	J19	30.6	1.956	0.236	0.0242
30 minute winter	J19	1.021	S4	31.4	0.900	0.570	0.1536
30 minute winter	J20	23.002	J21	1.2	0.461	0.200	0.0097
30 minute winter	J21	23.003	J22	2.0	0.547	0.337	0.0292
30 minute winter	J22	23.004	J23	2.8	0.658	0.471	0.0158
30 minute winter	J23	23.005	S18	3.2	0.743	0.539	0.0366
30 minute winter	J24	23.007	J25	9.8	0.661	0.740	0.0927
30 minute winter	J25	23.008	J26	10.6	0.705	0.801	0.0749
30 minute winter	J26	23.009	S19	11.4	0.837	0.858	0.0504

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J27	95	185.672	0.211	18.5	0.2389	0.0000	OK
30 minute winter	J28	21	186.574	0.218	7.3	0.2461	0.0000	SURCHARGED
30 minute winter	J29	21	186.422	0.151	7.9	0.1706	0.0000	SURCHARGED
30 minute winter	J30	22	186.258	0.111	9.5	0.1255	0.0000	OK
30 minute winter	J31	22	186.228	0.109	10.3	0.1230	0.0000	OK
30 minute winter	J32	22	186.168	0.104	11.1	0.1173	0.0000	OK
30 minute winter	J33	19	185.684	0.074	16.0	0.0836	0.0000	OK
30 minute winter	J34	19	185.252	0.127	23.1	0.1441	0.0000	OK
30 minute winter	J35	19	185.163	0.088	23.8	0.0995	0.0000	OK
30 minute winter	J36	19	185.008	0.133	24.6	0.1499	0.0000	OK
30 minute winter	J37	19	184.725	0.150	29.8	0.1700	0.0000	OK
30 minute winter	J38	19	184.603	0.228	33.0	0.2582	0.0000	SURCHARGED
30 minute winter	J39	19	184.546	0.208	33.7	0.2352	0.0000	OK
30 minute winter	J40	19	184.501	0.176	36.0	0.1991	0.0000	OK
30 minute winter	J41	18	184.644	0.047	2.4	0.0531	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J27	23.011	S4	18.5	0.834	0.619	0.0933
30 minute winter	J28	32.001	J29	7.1	0.909	1.201	0.0691
30 minute winter	J29	32.002	S12	7.9	1.008	1.328	0.0353
30 minute winter	J30	32.004	J31	9.5	0.685	0.713	0.0688
30 minute winter	J31	32.005	J32	10.3	0.770	0.773	0.1299
30 minute winter	J32	32.006	S13	11.1	1.043	0.834	0.0582
30 minute winter	J33	32.008	S14	16.1	1.122	0.451	0.1191
30 minute winter	J34	32.010	J35	23.0	1.229	0.598	0.1694
30 minute winter	J35	32.011	J36	23.8	1.232	0.267	0.1329
30 minute winter	J36	32.012	S15	24.6	1.254	0.819	0.0469
30 minute winter	J37	32.014	S16	29.8	1.359	0.980	0.1139
30 minute winter	J38	32.016	J39	32.9	0.836	1.091	0.4226
30 minute winter	J39	32.017	J40	33.6	0.932	1.092	0.1310
30 minute winter	J40	32.018	S10	35.9	1.149	0.834	0.2989
30 minute winter	J41	48.002	J42	2.4	0.617	0.401	0.0239

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J42	19	184.589	0.052	3.2	0.0589	0.0000	OK
30 minute winter	J43	20	184.453	0.093	6.0	0.1049	0.0000	OK
30 minute winter	J44	20	184.442	0.092	6.7	0.1045	0.0000	OK
30 minute winter	J45	20	184.429	0.129	7.5	0.1456	0.0000	OK
30 minute winter	J46	20	184.401	0.129	11.2	0.1462	0.0000	OK
30 minute winter	J47	20	184.371	0.123	12.0	0.1386	0.0000	OK
30 minute winter	J48	20	184.301	0.147	14.9	0.1667	0.0000	OK
30 minute winter	J49	21	184.288	0.159	15.7	0.1798	0.0000	OK
30 minute winter	J50	21	184.278	0.153	16.4	0.1734	0.0000	OK
30 minute winter	J51	21	184.263	0.155	17.2	0.1757	0.0000	OK
30 minute winter	J52	21	184.249	0.145	18.0	0.1643	0.0000	OK
30 minute winter	J53	20	184.224	0.137	18.8	0.1552	0.0000	OK
30 minute winter	J54	19	185.034	0.055	2.8	0.0627	0.0000	OK
30 minute winter	J55	20	185.004	0.060	3.6	0.0681	0.0000	OK
30 minute winter	J56	20	184.156	0.189	31.9	0.2134	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J42	48.003	S21	3.2	0.573	0.537	0.0446
30 minute winter	J43	48.005	J44	5.9	0.568	0.424	0.0183
30 minute winter	J44	48.006	J45	6.7	0.505	0.501	0.1205
30 minute winter	J45	48.007	S22	7.5	0.484	0.554	0.0389
30 minute winter	J46	48.009	J47	11.2	0.711	0.841	0.0665
30 minute winter	J47	48.010	S23	12.0	0.851	0.901	0.0371
30 minute winter	J48	48.012	J49	14.9	0.523	0.497	0.2142
30 minute winter	J49	48.013	J50	15.6	0.533	0.509	0.0334
30 minute winter	J50	48.014	J51	16.4	0.565	0.548	0.1473
30 minute winter	J51	48.015	J52	17.2	0.610	0.561	0.0320
30 minute winter	J52	48.016	J53	18.0	0.694	0.591	0.1277
30 minute winter	J53	48.017	S24	18.9	0.836	0.626	0.2436
30 minute winter	J54	65.002	J55	2.8	0.608	0.481	0.0170
30 minute winter	J55	65.003	S24	3.6	0.765	0.617	0.0373
30 minute winter	J56	48.019	J57	31.9	0.699	0.588	0.4149

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Results for 100 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J57	20	184.127	0.182	32.7	0.2058	0.0000	OK
30 minute winter	BASIN 1	99	185.671	0.671	51.5	83.3139	0.0000	SURCHARGED
30 minute winter	BASIN 2	270	184.446	0.146	1.4	13.0549	0.0000	OK
30 minute winter	BASIN 3	124	183.180	0.080	42.7	55.7883	0.0000	OK
30 minute winter	BASIN 4	128	183.780	0.450	32.9	61.3072	0.0000	SURCHARGED
30 minute winter	SWALE 1	102	184.962	0.030	1.1	0.0342	0.0000	OK
30 minute winter	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
30 minute winter	SWALE 3	20	184.246	0.176	42.8	0.1991	0.0000	OK
30 minute winter	BH1	270	184.446	0.369	1.0	1.8711	0.0000	OK
30 minute winter	BH2	102	183.181	0.129	4.2	2.2463	0.0000	OK
30 minute winter	BH3	128	183.781	0.474	11.8	3.8197	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J57	48.020	S25	32.7	0.774	0.605	0.3342
30 minute winter	BASIN 1	1.023	S5	2.5	0.289	0.048	0.6013
30 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
30 minute winter	BASIN 2	71.000	BH1	1.0	0.533	0.166	0.1829
30 minute winter	BASIN 3	1.034	BH2	4.2	0.559	0.050	0.6842
30 minute winter	BASIN 4	48.022	BH3	11.8	1.037	0.220	0.7181
30 minute winter	SWALE 1	1.025	S6	1.1	0.307	0.022	0.1410
30 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
30 minute winter	SWALE 3	1.033	BASIN 3	42.7	1.054	0.616	1.7520
30 minute winter	BH1	Infiltration		0.1			
30 minute winter	BH2	Infiltration		0.2			
30 minute winter	BH3	Infiltration		0.2			

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.73%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S1	33	188.410	0.040	2.9	0.0537	0.0000	OK
60 minute summer	S2	34	187.177	0.138	19.6	0.2026	0.0000	OK
60 minute summer	S3	35	186.358	0.146	27.4	0.1892	0.0000	OK
60 minute summer	S4	156	185.798	0.420	46.2	0.4988	0.0000	SURCHARGED
60 minute summer	S5	117	185.746	0.766	1.6	0.8663	0.0000	SURCHARGED
60 minute summer	S6	121	184.876	0.032	1.2	0.0358	0.0000	OK
60 minute summer	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
60 minute summer	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
60 minute summer	S9	34	184.307	0.106	0.5	0.1204	0.0000	OK
60 minute summer	S10	34	184.306	0.122	38.0	0.1868	0.0000	OK
60 minute summer	S11	35	186.573	0.173	6.6	0.2824	0.0000	SURCHARGED
60 minute summer	S12	36	186.275	0.099	7.8	0.1114	0.0000	OK
60 minute summer	S13	34	186.107	0.073	13.8	0.1041	0.0000	OK
60 minute summer	S14	34	185.438	0.188	20.4	0.2955	0.0000	SURCHARGED
60 minute summer	S15	34	184.952	0.085	25.8	0.1188	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	S1	1.000	J1	2.9	0.616	0.332	0.0396
60 minute summer	S2	1.012	J12	19.6	0.849	0.655	0.0344
60 minute summer	S3	1.019	J18	27.4	1.238	0.895	0.1132
60 minute summer	S4	1.022	BASIN 1	46.5	1.790	0.278	1.1778
60 minute summer	S5	1.024	SWALE 1	1.2	0.313	0.023	0.0784
60 minute summer	S6	1.026	BASIN 2	1.2	0.354	0.022	0.0196
60 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
60 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.1345
60 minute summer	S9	1.031	S10	-0.5	-0.095	-0.009	0.1650
60 minute summer	S10	1.032	SWALE 3	37.8	1.161	0.210	0.1437
60 minute summer	S11	32.000	J28	6.1	0.773	1.017	0.0355
60 minute summer	S12	32.003	J30	7.8	0.623	0.587	0.0640
60 minute summer	S13	32.007	J33	13.8	1.714	0.429	0.1049
60 minute summer	S14	32.009	J34	20.4	1.160	1.174	0.0886
60 minute summer	S15	32.013	J37	25.8	1.294	0.280	0.1865

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.73%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S16	33	184.648	0.091	28.6	0.1145	0.0000	OK
60 minute summer	S17	47	186.017	0.017	0.4	0.0195	0.0000	OK
60 minute summer	S18	34	185.770	0.109	8.1	0.1543	0.0000	OK
60 minute summer	S19	156	185.765	0.274	15.5	0.3750	0.0000	SURCHARGED
60 minute summer	S20	33	184.686	0.044	2.1	0.0534	0.0000	OK
60 minute summer	S21	34	184.532	0.073	4.6	0.0866	0.0000	OK
60 minute summer	S22	35	184.410	0.124	9.6	0.1520	0.0000	OK
60 minute summer	S23	36	184.301	0.143	13.0	0.1691	0.0000	OK
60 minute summer	S24	35	184.163	0.186	28.6	0.2696	0.0000	OK
60 minute summer	S25	35	184.083	0.157	29.6	0.1770	0.0000	OK
60 minute summer	S26	34	185.408	0.031	1.7	0.0376	0.0000	OK
60 minute summer	FC1	41	188.906	0.656	2.6	1.3014	0.0000	SURCHARGED
60 minute summer	FC2	41	188.805	0.655	2.6	1.3165	0.0000	SURCHARGED
60 minute summer	FC3	45	188.884	0.684	4.2	2.5470	0.0000	SURCHARGED
60 minute summer	FC4	40	188.831	0.631	2.1	0.9382	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	S16	32.015	J38	28.7	1.056	0.195	0.0605
60 minute summer	S17	23.001	J20	0.4	0.372	0.064	0.0109
60 minute summer	S18	23.006	J24	8.0	0.606	0.586	0.0247
60 minute summer	S19	23.010	J27	15.5	0.679	0.518	0.3541
60 minute summer	S20	48.001	J41	2.1	0.640	0.351	0.0151
60 minute summer	S21	48.004	J43	4.6	0.795	0.783	0.0297
60 minute summer	S22	48.008	J46	9.5	0.624	0.712	0.0374
60 minute summer	S23	48.011	J48	12.9	0.505	0.420	0.0294
60 minute summer	S24	48.018	J56	28.6	0.644	0.534	0.1891
60 minute summer	S25	48.021	BASIN 4	29.6	0.884	0.536	0.1069
60 minute summer	S26	65.001	J54	1.7	0.847	0.196	0.0173
60 minute summer	FC1	2.000	J1	0.9	0.543	0.153	0.0214
60 minute summer	FC2	3.000	J2	1.0	0.340	0.167	0.0317
60 minute summer	FC3	4.000	J3	0.8	0.552	0.129	0.0169
60 minute summer	FC4	5.000	J4	0.8	0.616	0.104	0.0094

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.73%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC5	41	188.652	0.652	2.6	1.3030	0.0000	SURCHARGED
60 minute summer	FC6	40	188.483	0.633	2.1	0.9367	0.0000	SURCHARGED
60 minute summer	FC7	40	188.383	0.633	2.1	0.9383	0.0000	SURCHARGED
60 minute summer	FC8	41	188.403	0.653	2.6	1.2971	0.0000	SURCHARGED
60 minute summer	FC9	40	188.103	0.633	2.1	0.9403	0.0000	SURCHARGED
60 minute summer	FC10	44	188.148	0.678	3.7	2.1166	0.0000	SURCHARGED
60 minute summer	FC11	41	187.963	0.643	2.4	1.1176	0.0000	SURCHARGED
60 minute summer	FC12	41	187.874	0.644	2.4	1.1174	0.0000	SURCHARGED
60 minute summer	FC13	41	187.656	0.656	2.6	1.3019	0.0000	SURCHARGED
60 minute summer	FC14	50	187.057	0.157	2.6	2.0056	0.0000	SURCHARGED
60 minute summer	FC15	40	187.833	0.633	2.1	0.9328	0.0000	SURCHARGED
60 minute summer	FC16	40	187.534	0.633	2.1	0.9395	0.0000	SURCHARGED
60 minute summer	FC17	40	187.633	0.633	2.1	0.9343	0.0000	SURCHARGED
60 minute summer	FC18	40	187.184	0.634	2.1	0.9403	0.0000	SURCHARGED
60 minute summer	FC19	41	187.057	0.657	2.6	1.3017	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC5	6.000	J5	0.8	0.513	0.135	0.0065
60 minute summer	FC6	7.000	J6	0.8	0.678	0.091	0.0133
60 minute summer	FC7	8.000	J7	0.8	0.580	0.111	0.0181
60 minute summer	FC8	9.000	J8	0.8	0.730	0.083	0.0047
60 minute summer	FC9	10.000	J9	0.8	0.518	0.133	0.0110
60 minute summer	FC10	11.000	J10	0.8	0.564	0.123	0.0090
60 minute summer	FC11	12.000	J11	0.8	0.517	0.135	0.0119
60 minute summer	FC12	13.000	S2	0.8	0.517	0.135	0.0106
60 minute summer	FC13	14.000	J12	0.8	0.519	0.135	0.0106
60 minute summer	FC14	15.000	J13	0.4	0.420	0.064	0.0157
60 minute summer	FC15	16.000	J14	0.8	1.102	0.046	0.0070
60 minute summer	FC16	17.000	J15	0.8	0.551	0.122	0.0109
60 minute summer	FC17	18.000	J16	0.8	0.874	0.063	0.0044
60 minute summer	FC18	19.000	J17	0.8	0.515	0.134	0.0107
60 minute summer	FC19	20.000	S3	0.8	0.517	0.136	0.0103

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.73%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC20	41	187.602	0.652	2.6	1.2935	0.0000	SURCHARGED
60 minute summer	FC21	41	186.954	0.654	2.6	1.3026	0.0000	SURCHARGED
60 minute summer	FC22	46	186.603	0.153	2.1	1.4887	0.0000	SURCHARGED
60 minute summer	FC23	40	186.933	0.633	2.1	0.9400	0.0000	SURCHARGED
60 minute summer	FC24	41	186.954	0.654	2.6	1.2996	0.0000	SURCHARGED
60 minute summer	FC25	41	187.203	0.653	2.6	1.2934	0.0000	SURCHARGED
60 minute summer	FC26	46	186.598	0.148	2.1	1.4999	0.0000	SURCHARGED
60 minute summer	FC27	40	187.132	0.632	2.1	0.9329	0.0000	SURCHARGED
60 minute summer	FC28	41	187.152	0.652	2.6	1.2936	0.0000	SURCHARGED
60 minute summer	FC29	42	187.160	0.660	2.9	1.4804	0.0000	SURCHARGED
60 minute summer	FC30	41	187.402	0.652	2.6	1.2945	0.0000	SURCHARGED
60 minute summer	FC31	40	187.083	0.633	2.1	0.9448	0.0000	SURCHARGED
60 minute summer	FC32	40	187.083	0.633	2.1	0.9340	0.0000	SURCHARGED
60 minute summer	FC33	41	187.105	0.655	2.6	1.2938	0.0000	SURCHARGED
60 minute summer	FC34	41	187.105	0.655	2.6	1.3014	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC20	21.000	J18	0.8	1.045	0.050	0.0033
60 minute summer	FC21	22.000	J19	0.8	0.518	0.136	0.0118
60 minute summer	FC22	23.000	S17	0.4	0.601	0.020	0.0031
60 minute summer	FC23	24.000	J20	0.8	0.535	0.125	0.0068
60 minute summer	FC24	25.000	J21	0.8	0.605	0.108	0.0062
60 minute summer	FC25	26.000	J22	0.8	1.037	0.051	0.0037
60 minute summer	FC26	27.000	J23	0.4	0.731	0.028	0.0024
60 minute summer	FC27	28.000	J24	0.8	1.137	0.044	0.0031
60 minute summer	FC28	29.000	J25	0.8	1.043	0.050	0.0034
60 minute summer	FC29	30.000	J26	0.8	1.016	0.053	0.0038
60 minute summer	FC30	31.000	J27	0.8	0.972	0.055	0.0036
60 minute summer	FC31	33.000	J28	1.2	0.494	0.129	0.0285
60 minute summer	FC32	34.000	J29	0.8	0.378	0.063	0.0181
60 minute summer	FC33	35.000	S12	0.8	0.955	0.057	0.0095
60 minute summer	FC34	36.000	J30	0.8	0.531	0.130	0.0072

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.73%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC35	41	187.102	0.652	2.6	1.2944	0.0000	SURCHARGED
60 minute summer	FC36	42	187.107	0.657	2.9	1.4805	0.0000	SURCHARGED
60 minute summer	FC37	43	186.474	0.674	3.4	1.8902	0.0000	SURCHARGED
60 minute summer	FC38	47	185.578	0.128	2.1	1.5446	0.0000	SURCHARGED
60 minute summer	FC39	40	186.081	0.631	2.1	0.9340	0.0000	SURCHARGED
60 minute summer	FC40	41	186.109	0.608	2.6	1.3082	0.0000	SURCHARGED
60 minute summer	FC41	41	185.500	0.650	2.6	1.2966	0.0000	SURCHARGED
60 minute summer	FC42	41	185.250	0.650	2.6	1.2983	0.0000	SURCHARGED
60 minute summer	FC43	41	185.228	0.628	2.6	1.3021	0.0000	SURCHARGED
60 minute summer	FC44	33	184.631	0.031	2.1	0.0402	0.0000	OK
60 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
60 minute summer	FC46	44	185.378	0.678	3.7	2.1179	0.0000	SURCHARGED
60 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute summer	FC48	41	185.453	0.653	2.6	1.2944	0.0000	SURCHARGED
60 minute summer	FC49	41	185.454	0.654	2.6	1.3024	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC35	37.000	J31	0.8	0.959	0.057	0.0126
60 minute summer	FC36	38.000	J32	0.8	1.030	0.051	0.0113
60 minute summer	FC37	39.000	J33	0.8	0.693	0.092	0.0077
60 minute summer	FC38	40.000	J34	0.3	0.686	0.028	0.0024
60 minute summer	FC39	41.000	J35	0.8	0.965	0.055	0.0036
60 minute summer	FC40	42.000	J36	0.8	1.176	0.041	0.0034
60 minute summer	FC41	43.000	J37	0.8	0.773	0.076	0.0052
60 minute summer	FC42	44.000	J38	0.8	0.673	0.093	0.0188
60 minute summer	FC43	45.000	J39	0.8	0.783	0.073	0.0135
60 minute summer	FC44	46.000	J40	2.1	1.049	0.188	0.0096
60 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
60 minute summer	FC46	48.000	S20	0.8	0.505	0.138	0.0144
60 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0086
60 minute summer	FC48	50.000	J42	0.8	0.638	0.058	0.0116
60 minute summer	FC49	51.000	S21	0.8	0.514	0.135	0.0068

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.73%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC50	41	185.454	0.654	2.6	1.3023	0.0000	SURCHARGED
60 minute summer	FC51	41	185.500	0.650	2.6	1.3030	0.0000	SURCHARGED
60 minute summer	FC52	42	185.914	0.664	3.1	1.7070	0.0000	SURCHARGED
60 minute summer	FC53	41	185.903	0.653	2.6	1.2976	0.0000	SURCHARGED
60 minute summer	FC54	40	185.883	0.632	2.1	0.9355	0.0000	SURCHARGED
60 minute summer	FC55	40	185.882	0.632	2.1	0.9337	0.0000	SURCHARGED
60 minute summer	FC56	41	186.002	0.652	2.6	1.2937	0.0000	SURCHARGED
60 minute summer	FC57	41	186.003	0.653	2.6	1.2942	0.0000	SURCHARGED
60 minute summer	FC58	40	185.982	0.632	2.1	0.9341	0.0000	SURCHARGED
60 minute summer	FC59	40	185.983	0.633	2.1	0.9346	0.0000	SURCHARGED
60 minute summer	FC60	41	186.003	0.653	2.6	1.2950	0.0000	SURCHARGED
60 minute summer	FC61	41	185.954	0.654	2.6	1.2975	0.0000	SURCHARGED
60 minute summer	FC62	44	185.931	0.681	3.9	2.3034	0.0000	SURCHARGED
60 minute summer	FC63	40	186.033	0.633	2.1	0.9413	0.0000	SURCHARGED
60 minute summer	FC64	41	185.793	0.793	2.6	1.2658	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC50	52.000	J43	0.8	0.514	0.135	0.0073
60 minute summer	FC51	55.000	S22	0.8	0.516	0.135	0.0095
60 minute summer	FC52	58.000	S23	0.8	0.755	0.080	0.0059
60 minute summer	FC53	61.000	J50	0.8	0.707	0.087	0.0049
60 minute summer	FC54	62.000	J51	0.8	0.781	0.073	0.0040
60 minute summer	FC55	64.000	J53	0.8	0.987	0.053	0.0033
60 minute summer	FC56	53.000	J44	0.8	1.025	0.052	0.0052
60 minute summer	FC57	54.000	J45	0.8	0.961	0.057	0.0054
60 minute summer	FC58	56.000	J46	0.8	0.919	0.059	0.0053
60 minute summer	FC59	57.000	J47	0.8	0.852	0.066	0.0060
60 minute summer	FC60	59.000	J48	0.8	0.847	0.068	0.0063
60 minute summer	FC61	60.000	J49	0.8	0.679	0.093	0.0088
60 minute summer	FC62	63.000	J52	0.8	0.629	0.107	0.0122
60 minute summer	FC63	65.000	S26	0.8	0.531	0.134	0.0044
60 minute summer	FC64	66.000	J54	0.9	0.367	0.151	0.0068

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.73%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC65	41	185.805	0.655	2.6	1.2923	0.0000	SURCHARGED
60 minute summer	FC66	41	185.655	0.655	2.6	1.3004	0.0000	SURCHARGED
60 minute summer	FC67	46	184.947	0.147	2.1	1.5144	0.0000	SURCHARGED
60 minute summer	FC68	40	185.183	0.633	2.1	0.9370	0.0000	SURCHARGED
60 minute summer	J1	34	188.282	0.082	6.5	0.1106	0.0000	OK
60 minute summer	J2	34	188.223	0.117	7.1	0.1321	0.0000	SURCHARGED
60 minute summer	J3	34	188.128	0.082	7.9	0.0929	0.0000	OK
60 minute summer	J4	35	188.094	0.059	8.6	0.0669	0.0000	OK
60 minute summer	J5	35	187.962	0.052	9.4	0.0583	0.0000	OK
60 minute summer	J6	35	187.736	0.086	10.2	0.0968	0.0000	OK
60 minute summer	J7	35	187.698	0.098	10.9	0.1105	0.0000	OK
60 minute summer	J8	35	187.663	0.070	11.7	0.0794	0.0000	OK
60 minute summer	J9	34	187.368	0.093	12.5	0.1052	0.0000	OK
60 minute summer	J10	36	187.326	0.056	13.3	0.0634	0.0000	OK
60 minute summer	J11	36	187.203	0.082	14.1	0.0926	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC65	67.000	J55	0.8	0.754	0.043	0.0058
60 minute summer	FC66	68.000	S24	0.8	0.576	0.112	0.0030
60 minute summer	FC67	69.000	J56	0.4	0.403	0.062	0.0019
60 minute summer	FC68	70.000	J57	0.8	0.674	0.088	0.0027
60 minute summer	J1	1.001	J2	6.3	0.823	0.763	0.0369
60 minute summer	J2	1.002	J3	7.1	0.908	1.193	0.0078
60 minute summer	J3	1.003	J4	7.9	0.964	0.591	0.0159
60 minute summer	J4	1.004	J5	8.6	1.456	0.256	0.0209
60 minute summer	J5	1.005	J6	9.4	1.205	0.245	0.0446
60 minute summer	J6	1.006	J7	10.2	0.901	0.357	0.0222
60 minute summer	J7	1.007	J8	10.9	1.077	0.784	0.0114
60 minute summer	J8	1.008	J9	11.7	1.523	0.387	0.0650
60 minute summer	J9	1.009	J10	12.5	1.088	0.374	0.0139
60 minute summer	J10	1.010	J11	13.3	1.301	0.103	0.0254
60 minute summer	J11	1.011	S2	14.1	0.746	0.219	0.1028

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.73%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J12	34	186.906	0.097	20.3	0.1097	0.0000	OK
60 minute summer	J13	35	186.871	0.169	20.7	0.1916	0.0000	OK
60 minute summer	J14	35	186.853	0.158	21.5	0.1791	0.0000	OK
60 minute summer	J15	35	186.829	0.140	22.2	0.1589	0.0000	OK
60 minute summer	J16	35	186.784	0.114	23.0	0.1294	0.0000	OK
60 minute summer	J17	35	186.443	0.085	23.7	0.0960	0.0000	OK
60 minute summer	J18	35	186.294	0.100	28.2	0.1129	0.0000	OK
60 minute summer	J19	35	186.182	0.155	29.0	0.1752	0.0000	OK
60 minute summer	J20	44	185.963	0.032	1.2	0.0361	0.0000	OK
60 minute summer	J21	44	185.935	0.040	2.0	0.0454	0.0000	OK
60 minute summer	J22	44	185.872	0.054	2.8	0.0608	0.0000	OK
60 minute summer	J23	45	185.838	0.055	3.1	0.0621	0.0000	OK
60 minute summer	J24	129	185.762	0.112	8.7	0.1265	0.0000	OK
60 minute summer	J25	129	185.762	0.147	9.5	0.1659	0.0000	OK
60 minute summer	J26	130	185.763	0.176	10.3	0.1991	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J12	1.013	J13	20.3	0.836	0.304	0.1565
60 minute summer	J13	1.014	J14	20.7	0.669	0.659	0.0587
60 minute summer	J14	1.015	J15	21.4	0.766	0.687	0.0536
60 minute summer	J15	1.016	J16	22.2	0.957	0.726	0.1188
60 minute summer	J16	1.017	J17	22.9	1.264	0.381	0.0610
60 minute summer	J17	1.018	S3	23.7	1.170	0.163	0.0385
60 minute summer	J18	1.020	J19	28.2	1.944	0.217	0.0220
60 minute summer	J19	1.021	S4	28.9	0.877	0.525	0.1451
60 minute summer	J20	23.002	J21	1.2	0.460	0.198	0.0096
60 minute summer	J21	23.003	J22	2.0	0.546	0.333	0.0289
60 minute summer	J22	23.004	J23	2.8	0.639	0.465	0.0156
60 minute summer	J23	23.005	S18	3.1	0.741	0.532	0.0332
60 minute summer	J24	23.007	J25	8.8	0.645	0.658	0.0977
60 minute summer	J25	23.008	J26	9.5	0.684	0.718	0.0872
60 minute summer	J26	23.009	S19	10.3	0.810	0.774	0.0652

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.73%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J27	130	185.776	0.315	16.3	0.3567	0.0000	SURCHARGED
60 minute summer	J28	35	186.517	0.161	6.4	0.1816	0.0000	SURCHARGED
60 minute summer	J29	36	186.397	0.126	7.1	0.1430	0.0000	SURCHARGED
60 minute summer	J30	36	186.250	0.103	8.6	0.1167	0.0000	OK
60 minute summer	J31	37	186.221	0.102	9.4	0.1151	0.0000	OK
60 minute summer	J32	36	186.163	0.098	10.2	0.1114	0.0000	OK
60 minute summer	J33	34	185.677	0.067	14.6	0.0757	0.0000	OK
60 minute summer	J34	34	185.245	0.119	20.6	0.1351	0.0000	OK
60 minute summer	J35	34	185.157	0.082	21.4	0.0927	0.0000	OK
60 minute summer	J36	34	185.000	0.124	22.1	0.1408	0.0000	OK
60 minute summer	J37	34	184.716	0.141	26.6	0.1597	0.0000	OK
60 minute summer	J38	34	184.577	0.202	29.5	0.2285	0.0000	OK
60 minute summer	J39	34	184.527	0.189	30.2	0.2133	0.0000	OK
60 minute summer	J40	34	184.485	0.160	32.1	0.1806	0.0000	OK
60 minute summer	J41	33	184.640	0.043	2.1	0.0489	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J27	23.011	S4	16.3	0.802	0.547	0.0951
60 minute summer	J28	32.001	J29	6.3	0.805	1.063	0.0691
60 minute summer	J29	32.002	S12	7.1	0.907	1.188	0.0347
60 minute summer	J30	32.004	J31	8.6	0.673	0.650	0.0638
60 minute summer	J31	32.005	J32	9.4	0.754	0.709	0.1217
60 minute summer	J32	32.006	S13	10.2	1.016	0.770	0.0547
60 minute summer	J33	32.008	S14	14.6	1.105	0.411	0.1144
60 minute summer	J34	32.010	J35	20.6	1.201	0.535	0.1555
60 minute summer	J35	32.011	J36	21.4	1.205	0.240	0.1222
60 minute summer	J36	32.012	S15	22.1	1.229	0.738	0.0430
60 minute summer	J37	32.014	S16	26.6	1.299	0.876	0.1064
60 minute summer	J38	32.016	J39	29.4	0.802	0.973	0.3957
60 minute summer	J39	32.017	J40	30.1	0.912	0.976	0.1201
60 minute summer	J40	32.018	S10	32.0	1.129	0.743	0.2712
60 minute summer	J41	48.002	J42	2.1	0.591	0.350	0.0218

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.73%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J42	34	184.586	0.049	2.9	0.0554	0.0000	OK
60 minute summer	J43	35	184.444	0.084	5.4	0.0953	0.0000	OK
60 minute summer	J44	35	184.433	0.083	6.2	0.0934	0.0000	OK
60 minute summer	J45	35	184.418	0.118	7.0	0.1339	0.0000	OK
60 minute summer	J46	35	184.393	0.121	10.3	0.1364	0.0000	OK
60 minute summer	J47	35	184.364	0.116	11.1	0.1312	0.0000	OK
60 minute summer	J48	36	184.293	0.139	13.7	0.1570	0.0000	OK
60 minute summer	J49	36	184.280	0.151	14.5	0.1707	0.0000	OK
60 minute summer	J50	36	184.270	0.145	15.3	0.1644	0.0000	OK
60 minute summer	J51	36	184.256	0.148	16.0	0.1669	0.0000	OK
60 minute summer	J52	36	184.242	0.138	16.9	0.1557	0.0000	OK
60 minute summer	J53	36	184.216	0.129	17.6	0.1457	0.0000	OK
60 minute summer	J54	35	185.031	0.052	2.6	0.0585	0.0000	OK
60 minute summer	J55	35	185.001	0.057	3.4	0.0646	0.0000	OK
60 minute summer	J56	35	184.144	0.177	28.9	0.2005	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J42	48.003	S21	2.9	0.573	0.485	0.0407
60 minute summer	J43	48.005	J44	5.4	0.561	0.385	0.0162
60 minute summer	J44	48.006	J45	6.2	0.507	0.461	0.1090
60 minute summer	J45	48.007	S22	7.0	0.483	0.513	0.0363
60 minute summer	J46	48.009	J47	10.3	0.693	0.773	0.0628
60 minute summer	J47	48.010	S23	11.1	0.826	0.831	0.0353
60 minute summer	J48	48.012	J49	13.7	0.512	0.458	0.2011
60 minute summer	J49	48.013	J50	14.5	0.524	0.472	0.0314
60 minute summer	J50	48.014	J51	15.3	0.558	0.511	0.1388
60 minute summer	J51	48.015	J52	16.0	0.605	0.524	0.0301
60 minute summer	J52	48.016	J53	16.9	0.689	0.553	0.1193
60 minute summer	J53	48.017	S24	17.7	0.826	0.585	0.2197
60 minute summer	J54	65.002	J55	2.6	0.588	0.433	0.0158
60 minute summer	J55	65.003	S24	3.3	0.751	0.567	0.0350
60 minute summer	J56	48.019	J57	28.9	0.680	0.532	0.3861

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Results for 100 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.73%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J57	35	184.117	0.172	29.6	0.1942	0.0000	OK
60 minute summer	BASIN 1	117	185.746	0.746	46.5	94.0768	0.0000	SURCHARGED
60 minute summer	BASIN 2	300	184.468	0.168	1.5	15.1582	0.0000	OK
60 minute summer	BASIN 3	141	183.191	0.091	37.7	63.6088	0.0000	OK
60 minute summer	BASIN 4	149	183.838	0.507	30.1	69.8408	0.0000	SURCHARGED
60 minute summer	SWALE 1	119	184.963	0.031	1.2	0.0351	0.0000	OK
60 minute summer	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWALE 3	35	184.233	0.163	37.8	0.1838	0.0000	OK
60 minute summer	BH1	300	184.468	0.391	1.0	1.9357	0.0000	OK
60 minute summer	BH2	127	183.192	0.140	4.5	2.3021	0.0000	OK
60 minute summer	BH3	150	183.838	0.531	6.7	4.0856	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J57	48.020	S25	29.6	0.751	0.548	0.3121
60 minute summer	BASIN 1	1.023	S5	1.6	0.247	0.030	0.6013
60 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
60 minute summer	BASIN 2	71.000	BH1	1.0	0.528	0.171	0.1829
60 minute summer	BASIN 3	1.034	BH2	4.5	0.554	0.053	0.7858
60 minute summer	BASIN 4	48.022	BH3	6.7	0.734	0.125	0.7181
60 minute summer	SWALE 1	1.025	S6	1.2	0.312	0.023	0.1464
60 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
60 minute summer	SWALE 3	1.033	BASIN 3	37.7	1.018	0.543	1.5994
60 minute summer	BH1	Infiltration		0.1			
60 minute summer	BH2	Infiltration		0.2			
60 minute summer	BH3	Infiltration		0.2			

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S1	34	188.405	0.035	2.3	0.0474	0.0000	OK
60 minute winter	S2	34	187.171	0.132	18.2	0.1942	0.0000	OK
60 minute winter	S3	35	186.352	0.140	25.7	0.1823	0.0000	OK
60 minute winter	S4	126	185.825	0.447	43.2	0.5313	0.0000	SURCHARGED
60 minute winter	S5	122	185.822	0.842	1.6	0.9523	0.0000	SURCHARGED
60 minute winter	S6	126	184.876	0.032	1.3	0.0367	0.0000	OK
60 minute winter	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
60 minute winter	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
60 minute winter	S9	35	184.298	0.098	0.3	0.1104	0.0000	OK
60 minute winter	S10	35	184.298	0.114	34.0	0.1733	0.0000	OK
60 minute winter	S11	35	186.518	0.118	5.3	0.1930	0.0000	SURCHARGED
60 minute winter	S12	37	186.269	0.093	7.2	0.1048	0.0000	OK
60 minute winter	S13	35	186.104	0.070	12.8	0.0995	0.0000	OK
60 minute winter	S14	34	185.416	0.166	18.5	0.2605	0.0000	SURCHARGED
60 minute winter	S15	35	184.948	0.081	24.2	0.1124	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	S1	1.000	J1	2.3	0.593	0.263	0.0320
60 minute winter	S2	1.012	J12	18.1	0.828	0.607	0.0327
60 minute winter	S3	1.019	J18	25.7	1.219	0.841	0.1081
60 minute winter	S4	1.022	BASIN 1	43.2	1.864	0.258	1.1778
60 minute winter	S5	1.024	SWALE 1	1.3	0.318	0.024	0.0811
60 minute winter	S6	1.026	BASIN 2	1.3	0.358	0.023	0.0204
60 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
60 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.1193
60 minute winter	S9	1.031	S10	-0.3	-0.110	-0.006	0.1480
60 minute winter	S10	1.032	SWALE 3	33.9	1.132	0.188	0.1315
60 minute winter	S11	32.000	J28	5.1	0.716	0.852	0.0355
60 minute winter	S12	32.003	J30	7.2	0.612	0.540	0.0599
60 minute winter	S13	32.007	J33	12.8	1.681	0.398	0.0993
60 minute winter	S14	32.009	J34	18.4	1.058	1.064	0.0872
60 minute winter	S15	32.013	J37	23.5	1.264	0.255	0.1741

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S16	33	184.643	0.086	25.9	0.1091	0.0000	OK
60 minute winter	S17	50	186.018	0.018	0.4	0.0201	0.0000	OK
60 minute winter	S18	146	185.835	0.174	7.3	0.2454	0.0000	SURCHARGED
60 minute winter	S19	147	185.832	0.341	14.0	0.4676	0.0000	SURCHARGED
60 minute winter	S20	33	184.683	0.041	1.9	0.0504	0.0000	OK
60 minute winter	S21	34	184.528	0.068	4.3	0.0812	0.0000	OK
60 minute winter	S22	35	184.405	0.119	9.0	0.1451	0.0000	OK
60 minute winter	S23	36	184.297	0.139	12.4	0.1645	0.0000	OK
60 minute winter	S24	36	184.157	0.180	27.2	0.2616	0.0000	OK
60 minute winter	S25	36	184.079	0.153	28.3	0.1727	0.0000	OK
60 minute winter	S26	36	185.407	0.030	1.6	0.0359	0.0000	OK
60 minute winter	FC1	45	188.917	0.667	2.1	1.4452	0.0000	SURCHARGED
60 minute winter	FC2	45	188.816	0.666	2.1	1.4621	0.0000	SURCHARGED
60 minute winter	FC3	48	188.898	0.698	3.4	2.9005	0.0000	SURCHARGED
60 minute winter	FC4	43	188.838	0.638	1.7	1.0137	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	S16	32.015	J38	25.9	1.036	0.176	0.0565
60 minute winter	S17	23.001	J20	0.4	0.380	0.069	0.0112
60 minute winter	S18	23.006	J24	7.3	0.588	0.531	0.0323
60 minute winter	S19	23.010	J27	14.0	0.658	0.467	0.3541
60 minute winter	S20	48.001	J41	1.9	0.625	0.318	0.0140
60 minute winter	S21	48.004	J43	4.3	0.782	0.719	0.0277
60 minute winter	S22	48.008	J46	9.0	0.612	0.671	0.0359
60 minute winter	S23	48.011	J48	12.3	0.494	0.400	0.0284
60 minute winter	S24	48.018	J56	27.2	0.634	0.509	0.1825
60 minute winter	S25	48.021	BASIN 4	28.3	0.873	0.513	0.1036
60 minute winter	S26	65.001	J54	1.6	0.829	0.181	0.0162
60 minute winter	FC1	2.000	J1	0.8	0.572	0.131	0.0162
60 minute winter	FC2	3.000	J2	0.9	0.357	0.151	0.0289
60 minute winter	FC3	4.000	J3	0.8	0.554	0.130	0.0147
60 minute winter	FC4	5.000	J4	0.8	0.617	0.105	0.0095

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC5	45	188.661	0.661	2.1	1.4488	0.0000	SURCHARGED
60 minute winter	FC6	43	188.490	0.640	1.7	1.0116	0.0000	SURCHARGED
60 minute winter	FC7	43	188.390	0.640	1.7	1.0136	0.0000	SURCHARGED
60 minute winter	FC8	45	188.414	0.664	2.1	1.4412	0.0000	SURCHARGED
60 minute winter	FC9	43	188.110	0.640	1.7	1.0162	0.0000	SURCHARGED
60 minute winter	FC10	47	188.161	0.691	3.0	2.3933	0.0000	SURCHARGED
60 minute winter	FC11	44	187.972	0.652	1.9	1.2298	0.0000	SURCHARGED
60 minute winter	FC12	44	187.883	0.653	1.9	1.2297	0.0000	SURCHARGED
60 minute winter	FC13	45	187.668	0.668	2.1	1.4462	0.0000	SURCHARGED
60 minute winter	FC14	50	187.077	0.177	2.1	2.2697	0.0000	SURCHARGED
60 minute winter	FC15	43	187.841	0.641	1.7	1.0065	0.0000	SURCHARGED
60 minute winter	FC16	43	187.541	0.641	1.7	1.0149	0.0000	SURCHARGED
60 minute winter	FC17	43	187.641	0.641	1.7	1.0086	0.0000	SURCHARGED
60 minute winter	FC18	43	187.192	0.642	1.7	1.0160	0.0000	SURCHARGED
60 minute winter	FC19	45	187.068	0.668	2.1	1.4463	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC5	6.000	J5	0.8	0.514	0.136	0.0065
60 minute winter	FC6	7.000	J6	0.8	0.679	0.092	0.0115
60 minute winter	FC7	8.000	J7	0.8	0.584	0.112	0.0165
60 minute winter	FC8	9.000	J8	0.8	0.731	0.083	0.0046
60 minute winter	FC9	10.000	J9	0.8	0.519	0.133	0.0110
60 minute winter	FC10	11.000	J10	0.8	0.565	0.124	0.0091
60 minute winter	FC11	12.000	J11	0.8	0.518	0.136	0.0120
60 minute winter	FC12	13.000	S2	0.8	0.518	0.135	0.0106
60 minute winter	FC13	14.000	J12	0.8	0.521	0.137	0.0106
60 minute winter	FC14	15.000	J13	0.4	0.428	0.068	0.0130
60 minute winter	FC15	16.000	J14	0.8	1.104	0.046	0.0056
60 minute winter	FC16	17.000	J15	0.8	0.551	0.123	0.0109
60 minute winter	FC17	18.000	J16	0.8	0.876	0.064	0.0044
60 minute winter	FC18	19.000	J17	0.8	0.516	0.134	0.0108
60 minute winter	FC19	20.000	S3	0.8	0.518	0.137	0.0103

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC20	45	187.612	0.662	2.1	1.4372	0.0000	SURCHARGED
60 minute winter	FC21	45	186.964	0.664	2.1	1.4475	0.0000	SURCHARGED
60 minute winter	FC22	48	186.623	0.173	1.7	1.6777	0.0000	SURCHARGED
60 minute winter	FC23	43	186.941	0.641	1.7	1.0156	0.0000	SURCHARGED
60 minute winter	FC24	45	186.964	0.664	2.1	1.4444	0.0000	SURCHARGED
60 minute winter	FC25	45	187.213	0.663	2.1	1.4371	0.0000	SURCHARGED
60 minute winter	FC26	50	186.617	0.167	1.7	1.6909	0.0000	SURCHARGED
60 minute winter	FC27	43	187.139	0.639	1.7	1.0068	0.0000	SURCHARGED
60 minute winter	FC28	45	187.162	0.662	2.1	1.4375	0.0000	SURCHARGED
60 minute winter	FC29	45	187.171	0.671	2.3	1.6627	0.0000	SURCHARGED
60 minute winter	FC30	45	187.412	0.662	2.1	1.4378	0.0000	SURCHARGED
60 minute winter	FC31	43	187.090	0.640	1.7	1.0119	0.0000	SURCHARGED
60 minute winter	FC32	43	187.090	0.640	1.7	1.0085	0.0000	SURCHARGED
60 minute winter	FC33	45	187.116	0.666	2.1	1.4366	0.0000	SURCHARGED
60 minute winter	FC34	45	187.116	0.666	2.1	1.4462	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC20	21.000	J18	0.8	1.047	0.051	0.0034
60 minute winter	FC21	22.000	J19	0.8	0.519	0.137	0.0119
60 minute winter	FC22	23.000	S17	0.4	0.612	0.022	0.0032
60 minute winter	FC23	24.000	J20	0.8	0.536	0.126	0.0068
60 minute winter	FC24	25.000	J21	0.8	0.606	0.109	0.0062
60 minute winter	FC25	26.000	J22	0.8	1.040	0.051	0.0037
60 minute winter	FC26	27.000	J23	0.4	0.745	0.030	0.0025
60 minute winter	FC27	28.000	J24	0.8	1.139	0.044	0.0032
60 minute winter	FC28	29.000	J25	0.8	1.045	0.051	0.0034
60 minute winter	FC29	30.000	J26	0.8	1.018	0.053	0.0038
60 minute winter	FC30	31.000	J27	0.8	0.974	0.056	0.0037
60 minute winter	FC31	33.000	J28	0.9	0.529	0.096	0.0202
60 minute winter	FC32	34.000	J29	0.8	0.405	0.063	0.0181
60 minute winter	FC33	35.000	S12	0.8	0.958	0.057	0.0083
60 minute winter	FC34	36.000	J30	0.8	0.532	0.131	0.0073

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC35	45	187.112	0.662	2.1	1.4377	0.0000	SURCHARGED
60 minute winter	FC36	45	187.118	0.668	2.3	1.6638	0.0000	SURCHARGED
60 minute winter	FC37	47	186.488	0.688	2.8	2.1554	0.0000	SURCHARGED
60 minute winter	FC38	50	185.595	0.145	1.7	1.7453	0.0000	SURCHARGED
60 minute winter	FC39	43	186.087	0.637	1.7	1.0086	0.0000	SURCHARGED
60 minute winter	FC40	45	186.119	0.619	2.1	1.4595	0.0000	SURCHARGED
60 minute winter	FC41	45	185.509	0.659	2.1	1.4417	0.0000	SURCHARGED
60 minute winter	FC42	45	185.260	0.660	2.1	1.4435	0.0000	SURCHARGED
60 minute winter	FC43	45	185.231	0.631	2.1	1.4517	0.0000	SURCHARGED
60 minute winter	FC44	33	184.628	0.028	1.7	0.0358	0.0000	OK
60 minute winter	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC46	47	185.391	0.691	3.0	2.3935	0.0000	SURCHARGED
60 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC48	45	185.463	0.663	2.1	1.4374	0.0000	SURCHARGED
60 minute winter	FC49	45	185.464	0.664	2.1	1.4478	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC35	37.000	J31	0.8	0.960	0.057	0.0114
60 minute winter	FC36	38.000	J32	0.8	1.033	0.052	0.0105
60 minute winter	FC37	39.000	J33	0.8	0.695	0.093	0.0078
60 minute winter	FC38	40.000	J34	0.4	0.699	0.029	0.0025
60 minute winter	FC39	41.000	J35	0.8	0.966	0.055	0.0037
60 minute winter	FC40	42.000	J36	0.8	1.179	0.041	0.0034
60 minute winter	FC41	43.000	J37	0.8	0.775	0.077	0.0053
60 minute winter	FC42	44.000	J38	0.8	0.674	0.093	0.0150
60 minute winter	FC43	45.000	J39	0.8	0.784	0.073	0.0107
60 minute winter	FC44	46.000	J40	1.7	0.995	0.151	0.0075
60 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
60 minute winter	FC46	48.000	S20	0.8	0.507	0.139	0.0137
60 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0079
60 minute winter	FC48	50.000	J42	0.8	0.672	0.058	0.0111
60 minute winter	FC49	51.000	S21	0.8	0.515	0.136	0.0068

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC50	45	185.465	0.665	2.1	1.4475	0.0000	SURCHARGED
60 minute winter	FC51	45	185.510	0.660	2.1	1.4491	0.0000	SURCHARGED
60 minute winter	FC52	46	185.924	0.674	2.5	1.8949	0.0000	SURCHARGED
60 minute winter	FC53	45	185.913	0.663	2.1	1.4420	0.0000	SURCHARGED
60 minute winter	FC54	43	185.890	0.640	1.7	1.0101	0.0000	SURCHARGED
60 minute winter	FC55	43	185.889	0.639	1.7	1.0081	0.0000	SURCHARGED
60 minute winter	FC56	45	186.012	0.662	2.1	1.4377	0.0000	SURCHARGED
60 minute winter	FC57	45	186.013	0.663	2.1	1.4375	0.0000	SURCHARGED
60 minute winter	FC58	43	185.989	0.639	1.7	1.0085	0.0000	SURCHARGED
60 minute winter	FC59	43	185.990	0.640	1.7	1.0089	0.0000	SURCHARGED
60 minute winter	FC60	45	186.014	0.664	2.1	1.4388	0.0000	SURCHARGED
60 minute winter	FC61	45	185.964	0.664	2.1	1.4422	0.0000	SURCHARGED
60 minute winter	FC62	48	185.948	0.698	3.2	2.6733	0.0000	SURCHARGED
60 minute winter	FC63	43	186.040	0.640	1.7	1.0175	0.0000	SURCHARGED
60 minute winter	FC64	44	185.805	0.804	2.1	1.3896	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC50	52.000	J43	0.8	0.515	0.137	0.0073
60 minute winter	FC51	55.000	S22	0.8	0.518	0.136	0.0096
60 minute winter	FC52	58.000	S23	0.8	0.757	0.081	0.0059
60 minute winter	FC53	61.000	J50	0.8	0.709	0.087	0.0049
60 minute winter	FC54	62.000	J51	0.8	0.782	0.074	0.0041
60 minute winter	FC55	64.000	J53	0.8	0.989	0.053	0.0034
60 minute winter	FC56	53.000	J44	0.8	1.028	0.052	0.0052
60 minute winter	FC57	54.000	J45	0.8	0.964	0.057	0.0055
60 minute winter	FC58	56.000	J46	0.8	0.921	0.059	0.0054
60 minute winter	FC59	57.000	J47	0.8	0.854	0.066	0.0060
60 minute winter	FC60	59.000	J48	0.8	0.849	0.069	0.0063
60 minute winter	FC61	60.000	J49	0.8	0.681	0.094	0.0088
60 minute winter	FC62	63.000	J52	0.8	0.631	0.108	0.0124
60 minute winter	FC63	65.000	S26	0.8	0.530	0.134	0.0044
60 minute winter	FC64	66.000	J54	0.9	0.375	0.151	0.0065

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC65	45	185.816	0.666	2.1	1.4348	0.0000	SURCHARGED
60 minute winter	FC66	45	185.666	0.666	2.1	1.4450	0.0000	SURCHARGED
60 minute winter	FC67	50	184.966	0.166	1.7	1.7090	0.0000	SURCHARGED
60 minute winter	FC68	43	185.190	0.640	1.7	1.0122	0.0000	SURCHARGED
60 minute winter	J1	34	188.265	0.065	5.4	0.0872	0.0000	OK
60 minute winter	J2	34	188.209	0.103	6.1	0.1170	0.0000	SURCHARGED
60 minute winter	J3	34	188.123	0.077	6.9	0.0867	0.0000	OK
60 minute winter	J4	35	188.091	0.056	7.7	0.0628	0.0000	OK
60 minute winter	J5	35	187.959	0.049	8.5	0.0550	0.0000	OK
60 minute winter	J6	35	187.730	0.080	9.3	0.0908	0.0000	OK
60 minute winter	J7	35	187.693	0.093	10.1	0.1053	0.0000	OK
60 minute winter	J8	35	187.660	0.067	10.8	0.0758	0.0000	OK
60 minute winter	J9	36	187.366	0.091	11.6	0.1026	0.0000	OK
60 minute winter	J10	36	187.324	0.054	12.4	0.0609	0.0000	OK
60 minute winter	J11	36	187.199	0.078	13.2	0.0885	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC65	67.000	J55	0.8	0.778	0.044	0.0057
60 minute winter	FC66	68.000	S24	0.8	0.578	0.113	0.0030
60 minute winter	FC67	69.000	J56	0.4	0.411	0.066	0.0020
60 minute winter	FC68	70.000	J57	0.8	0.675	0.088	0.0027
60 minute winter	J1	1.001	J2	5.4	0.775	0.649	0.0331
60 minute winter	J2	1.002	J3	6.1	0.817	1.038	0.0076
60 minute winter	J3	1.003	J4	6.9	0.930	0.523	0.0146
60 minute winter	J4	1.004	J5	7.7	1.421	0.230	0.0192
60 minute winter	J5	1.005	J6	8.5	1.181	0.222	0.0413
60 minute winter	J6	1.006	J7	9.3	0.880	0.326	0.0207
60 minute winter	J7	1.007	J8	10.0	1.051	0.721	0.0108
60 minute winter	J8	1.008	J9	10.8	1.496	0.358	0.0613
60 minute winter	J9	1.009	J10	11.6	1.058	0.348	0.0134
60 minute winter	J10	1.010	J11	12.4	1.286	0.096	0.0239
60 minute winter	J11	1.011	S2	13.2	0.734	0.205	0.0976

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J12	34	186.901	0.092	18.9	0.1040	0.0000	OK
60 minute winter	J13	35	186.864	0.162	19.3	0.1831	0.0000	OK
60 minute winter	J14	35	186.847	0.152	20.0	0.1716	0.0000	OK
60 minute winter	J15	36	186.823	0.135	20.8	0.1525	0.0000	OK
60 minute winter	J16	36	186.780	0.110	21.6	0.1247	0.0000	OK
60 minute winter	J17	36	186.439	0.081	22.4	0.0917	0.0000	OK
60 minute winter	J18	35	186.290	0.096	26.5	0.1086	0.0000	OK
60 minute winter	J19	36	186.177	0.150	27.3	0.1696	0.0000	OK
60 minute winter	J20	47	185.963	0.032	1.2	0.0366	0.0000	OK
60 minute winter	J21	47	185.936	0.041	2.0	0.0458	0.0000	OK
60 minute winter	J22	47	185.872	0.054	2.8	0.0614	0.0000	OK
60 minute winter	J23	48	185.839	0.056	3.2	0.0629	0.0000	OK
60 minute winter	J24	146	185.834	0.184	8.0	0.2086	0.0000	SURCHARGED
60 minute winter	J25	146	185.833	0.218	8.8	0.2470	0.0000	SURCHARGED
60 minute winter	J26	147	185.835	0.248	9.6	0.2806	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J12	1.013	J13	18.9	0.823	0.283	0.1483
60 minute winter	J13	1.014	J14	19.3	0.653	0.614	0.0560
60 minute winter	J14	1.015	J15	20.0	0.751	0.642	0.0511
60 minute winter	J15	1.016	J16	20.8	0.942	0.680	0.1132
60 minute winter	J16	1.017	J17	21.6	1.246	0.359	0.0583
60 minute winter	J17	1.018	S3	22.4	1.158	0.154	0.0366
60 minute winter	J18	1.020	J19	26.5	1.950	0.204	0.0206
60 minute winter	J19	1.021	S4	27.3	0.862	0.495	0.1393
60 minute winter	J20	23.002	J21	1.2	0.464	0.203	0.0098
60 minute winter	J21	23.003	J22	2.0	0.548	0.339	0.0293
60 minute winter	J22	23.004	J23	2.8	0.639	0.473	0.0158
60 minute winter	J23	23.005	S18	3.2	0.745	0.544	0.0444
60 minute winter	J24	23.007	J25	8.0	0.632	0.604	0.1088
60 minute winter	J25	23.008	J26	8.8	0.669	0.664	0.0874
60 minute winter	J26	23.009	S19	9.6	0.792	0.723	0.0652

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J27	147	185.847	0.386	14.8	0.4366	0.0000	SURCHARGED
60 minute winter	J28	36	186.477	0.121	5.8	0.1365	0.0000	SURCHARGED
60 minute winter	J29	36	186.381	0.110	6.4	0.1241	0.0000	SURCHARGED
60 minute winter	J30	37	186.245	0.098	8.0	0.1106	0.0000	OK
60 minute winter	J31	37	186.216	0.097	8.8	0.1098	0.0000	OK
60 minute winter	J32	37	186.159	0.095	9.6	0.1073	0.0000	OK
60 minute winter	J33	35	185.674	0.064	13.6	0.0729	0.0000	OK
60 minute winter	J34	34	185.238	0.113	18.7	0.1279	0.0000	OK
60 minute winter	J35	34	185.152	0.077	19.5	0.0875	0.0000	OK
60 minute winter	J36	34	184.998	0.123	20.3	0.1391	0.0000	OK
60 minute winter	J37	34	184.709	0.134	24.3	0.1513	0.0000	OK
60 minute winter	J38	34	184.560	0.185	26.7	0.2093	0.0000	OK
60 minute winter	J39	35	184.513	0.175	27.4	0.1983	0.0000	OK
60 minute winter	J40	35	184.474	0.149	29.1	0.1682	0.0000	OK
60 minute winter	J41	33	184.638	0.041	1.9	0.0462	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J27	23.011	S4	14.8	0.777	0.495	0.0951
60 minute winter	J28	32.001	J29	5.6	0.740	0.950	0.0691
60 minute winter	J29	32.002	S12	6.4	0.831	1.080	0.0341
60 minute winter	J30	32.004	J31	8.0	0.661	0.603	0.0602
60 minute winter	J31	32.005	J32	8.8	0.740	0.663	0.1159
60 minute winter	J32	32.006	S13	9.6	0.995	0.722	0.0523
60 minute winter	J33	32.008	S14	13.6	1.077	0.383	0.1127
60 minute winter	J34	32.010	J35	18.7	1.174	0.486	0.1446
60 minute winter	J35	32.011	J36	19.5	1.159	0.219	0.1177
60 minute winter	J36	32.012	S15	21.3	1.244	0.712	0.0412
60 minute winter	J37	32.014	S16	24.2	1.255	0.794	0.1001
60 minute winter	J38	32.016	J39	26.6	0.781	0.882	0.3685
60 minute winter	J39	32.017	J40	27.4	0.896	0.890	0.1116
60 minute winter	J40	32.018	S10	29.1	1.108	0.675	0.2510
60 minute winter	J41	48.002	J42	1.9	0.570	0.318	0.0205

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J42	34	184.584	0.047	2.7	0.0533	0.0000	OK
60 minute winter	J43	35	184.440	0.080	5.0	0.0904	0.0000	OK
60 minute winter	J44	35	184.428	0.078	5.8	0.0880	0.0000	OK
60 minute winter	J45	35	184.413	0.113	6.6	0.1273	0.0000	OK
60 minute winter	J46	35	184.388	0.116	9.8	0.1309	0.0000	OK
60 minute winter	J47	35	184.360	0.112	10.6	0.1269	0.0000	OK
60 minute winter	J48	36	184.289	0.135	13.1	0.1526	0.0000	OK
60 minute winter	J49	36	184.276	0.147	13.9	0.1664	0.0000	OK
60 minute winter	J50	36	184.267	0.142	14.7	0.1603	0.0000	OK
60 minute winter	J51	37	184.252	0.144	15.5	0.1632	0.0000	OK
60 minute winter	J52	37	184.239	0.135	16.3	0.1523	0.0000	OK
60 minute winter	J53	37	184.213	0.126	17.1	0.1428	0.0000	OK
60 minute winter	J54	36	185.029	0.050	2.5	0.0569	0.0000	OK
60 minute winter	J55	36	185.000	0.056	3.2	0.0633	0.0000	OK
60 minute winter	J56	36	184.139	0.172	27.5	0.1947	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J42	48.003	S21	2.7	0.570	0.453	0.0382
60 minute winter	J43	48.005	J44	5.0	0.553	0.360	0.0151
60 minute winter	J44	48.006	J45	5.8	0.507	0.436	0.1027
60 minute winter	J45	48.007	S22	6.6	0.485	0.488	0.0347
60 minute winter	J46	48.009	J47	9.8	0.681	0.733	0.0605
60 minute winter	J47	48.010	S23	10.6	0.813	0.792	0.0342
60 minute winter	J48	48.012	J49	13.1	0.504	0.439	0.1950
60 minute winter	J49	48.013	J50	13.9	0.517	0.454	0.0306
60 minute winter	J50	48.014	J51	14.7	0.552	0.492	0.1350
60 minute winter	J51	48.015	J52	15.5	0.599	0.505	0.0293
60 minute winter	J52	48.016	J53	16.3	0.683	0.534	0.1163
60 minute winter	J53	48.017	S24	17.1	0.818	0.566	0.2141
60 minute winter	J54	65.002	J55	2.4	0.580	0.414	0.0154
60 minute winter	J55	65.003	S24	3.2	0.746	0.550	0.0342
60 minute winter	J56	48.019	J57	27.5	0.670	0.507	0.3732

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Results for 100 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J57	36	184.112	0.167	28.3	0.1891	0.0000	OK
60 minute winter	BASIN 1	122	185.822	0.822	43.2	105.2437	0.0000	SURCHARGED
60 minute winter	BASIN 2	300	184.478	0.178	1.5	16.0764	0.0000	OK
60 minute winter	BASIN 3	150	183.203	0.103	33.9	71.5715	0.0000	OK
60 minute winter	BASIN 4	157	183.895	0.565	29.7	78.6492	0.0000	SURCHARGED
60 minute winter	SWALE 1	124	184.964	0.032	1.3	0.0359	0.0000	OK
60 minute winter	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
60 minute winter	SWALE 3	35	184.222	0.152	33.9	0.1722	0.0000	OK
60 minute winter	BH1	300	184.478	0.400	1.0	1.9637	0.0000	OK
60 minute winter	BH2	134	183.203	0.151	4.9	2.3576	0.0000	OK
60 minute winter	BH3	157	183.895	0.589	7.3	4.3548	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J57	48.020	S25	28.3	0.741	0.524	0.3022
60 minute winter	BASIN 1	1.023	S5	1.6	0.257	0.029	0.6013
60 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
60 minute winter	BASIN 2	71.000	BH1	1.0	0.533	0.177	0.1829
60 minute winter	BASIN 3	1.034	BH2	4.9	0.547	0.059	0.8913
60 minute winter	BASIN 4	48.022	BH3	7.3	0.792	0.136	0.7181
60 minute winter	SWALE 1	1.025	S6	1.3	0.316	0.024	0.1515
60 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
60 minute winter	SWALE 3	1.033	BASIN 3	33.9	0.989	0.488	1.4806
60 minute winter	BH1	Infiltration		0.1			
60 minute winter	BH2	Infiltration		0.2			
60 minute winter	BH3	Infiltration		0.2			

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S1	64	188.401	0.031	1.8	0.0417	0.0000	OK
120 minute summer	S2	66	187.160	0.121	15.6	0.1783	0.0000	OK
120 minute summer	S3	66	186.341	0.129	22.1	0.1671	0.0000	OK
120 minute summer	S4	154	185.869	0.491	36.9	0.5834	0.0000	SURCHARGED
120 minute summer	S5	154	185.869	0.889	1.3	1.0055	0.0000	SURCHARGED
120 minute summer	S6	158	184.877	0.033	1.3	0.0371	0.0000	OK
120 minute summer	S7	2	184.779	0.000	0.0	0.0000	0.0000	OK
120 minute summer	S8	2	184.390	0.000	0.0	0.0000	0.0000	OK
120 minute summer	S9	66	184.284	0.084	0.2	0.0948	0.0000	OK
120 minute summer	S10	66	184.284	0.100	28.1	0.1523	0.0000	OK
120 minute summer	S11	64	186.471	0.071	4.2	0.1155	0.0000	OK
120 minute summer	S12	66	186.260	0.084	6.2	0.0945	0.0000	OK
120 minute summer	S13	66	186.098	0.064	11.2	0.0917	0.0000	OK
120 minute summer	S14	66	185.378	0.128	15.5	0.2010	0.0000	OK
120 minute summer	S15	66	184.939	0.072	20.0	0.1007	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	S1	1.000	J1	1.8	0.553	0.206	0.0269
120 minute summer	S2	1.012	J12	15.6	0.790	0.522	0.0295
120 minute summer	S3	1.019	J18	22.1	1.172	0.723	0.0969
120 minute summer	S4	1.022	BASIN 1	36.9	1.606	0.220	1.1778
120 minute summer	S5	1.024	SWALE 1	1.3	0.321	0.024	0.0827
120 minute summer	S6	1.026	BASIN 2	1.3	0.361	0.024	0.0207
120 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
120 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0966
120 minute summer	S9	1.031	S10	-0.2	-0.064	-0.004	0.1222
120 minute summer	S10	1.032	SWALE 3	28.2	1.099	0.156	0.1124
120 minute summer	S11	32.000	J28	4.2	0.697	0.706	0.0275
120 minute summer	S12	32.003	J30	6.2	0.596	0.466	0.0534
120 minute summer	S13	32.007	J33	11.2	1.622	0.348	0.0898
120 minute summer	S14	32.009	J34	15.5	1.035	0.896	0.0783
120 minute summer	S15	32.013	J37	19.7	1.208	0.213	0.1529

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S16	66	184.633	0.076	21.6	0.0958	0.0000	OK
120 minute summer	S17	82	186.017	0.017	0.4	0.0193	0.0000	OK
120 minute summer	S18	154	185.869	0.208	6.1	0.2943	0.0000	SURCHARGED
120 minute summer	S19	154	185.869	0.378	11.6	0.5180	0.0000	SURCHARGED
120 minute summer	S20	66	184.679	0.037	1.6	0.0456	0.0000	OK
120 minute summer	S21	66	184.522	0.063	3.8	0.0745	0.0000	OK
120 minute summer	S22	66	184.395	0.109	8.1	0.1327	0.0000	OK
120 minute summer	S23	68	184.287	0.129	11.0	0.1523	0.0000	OK
120 minute summer	S24	66	184.142	0.165	23.7	0.2398	0.0000	OK
120 minute summer	S25	68	184.068	0.142	24.6	0.1601	0.0000	OK
120 minute summer	S26	64	185.404	0.027	1.3	0.0329	0.0000	OK
120 minute summer	FC1	74	188.886	0.636	1.7	1.0424	0.0000	SURCHARGED
120 minute summer	FC2	74	188.786	0.636	1.7	1.0491	0.0000	SURCHARGED
120 minute summer	FC3	80	188.872	0.672	2.7	2.2324	0.0000	SURCHARGED
120 minute summer	FC4	74	188.771	0.571	1.3	0.7371	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	S16	32.015	J38	21.6	1.025	0.147	0.0488
120 minute summer	S17	23.001	J20	0.4	0.370	0.064	0.0106
120 minute summer	S18	23.006	J24	6.1	0.570	0.444	0.0323
120 minute summer	S19	23.010	J27	11.6	0.626	0.387	0.3541
120 minute summer	S20	48.001	J41	1.6	0.602	0.268	0.0122
120 minute summer	S21	48.004	J43	3.8	0.763	0.637	0.0252
120 minute summer	S22	48.008	J46	8.1	0.598	0.601	0.0328
120 minute summer	S23	48.011	J48	11.0	0.482	0.356	0.0259
120 minute summer	S24	48.018	J56	23.7	0.613	0.443	0.1641
120 minute summer	S25	48.021	BASIN 4	24.6	0.836	0.446	0.0941
120 minute summer	S26	65.001	J54	1.3	0.791	0.153	0.0144
120 minute summer	FC1	2.000	J1	0.8	0.468	0.128	0.0140
120 minute summer	FC2	3.000	J2	0.9	0.299	0.145	0.0232
120 minute summer	FC3	4.000	J3	0.8	0.551	0.128	0.0138
120 minute summer	FC4	5.000	J4	0.7	0.607	0.099	0.0091

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC5	74	188.634	0.634	1.7	1.0446	0.0000	SURCHARGED
120 minute summer	FC6	74	188.420	0.570	1.3	0.7358	0.0000	SURCHARGED
120 minute summer	FC7	74	188.321	0.571	1.3	0.7375	0.0000	SURCHARGED
120 minute summer	FC8	74	188.385	0.635	1.7	1.0377	0.0000	SURCHARGED
120 minute summer	FC9	74	188.043	0.573	1.3	0.7397	0.0000	SURCHARGED
120 minute summer	FC10	78	188.133	0.663	2.3	1.7850	0.0000	SURCHARGED
120 minute summer	FC11	74	187.945	0.625	1.5	0.8810	0.0000	SURCHARGED
120 minute summer	FC12	74	187.855	0.625	1.5	0.8810	0.0000	SURCHARGED
120 minute summer	FC13	74	187.636	0.636	1.7	1.0436	0.0000	SURCHARGED
120 minute summer	FC14	84	187.058	0.158	1.7	2.0247	0.0000	SURCHARGED
120 minute summer	FC15	72	187.767	0.567	1.3	0.7318	0.0000	SURCHARGED
120 minute summer	FC16	74	187.472	0.572	1.3	0.7387	0.0000	SURCHARGED
120 minute summer	FC17	72	187.568	0.568	1.3	0.7334	0.0000	SURCHARGED
120 minute summer	FC18	74	187.123	0.573	1.3	0.7398	0.0000	SURCHARGED
120 minute summer	FC19	74	187.037	0.637	1.7	1.0436	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC5	6.000	J5	0.8	0.511	0.133	0.0064
120 minute summer	FC6	7.000	J6	0.7	0.668	0.086	0.0087
120 minute summer	FC7	8.000	J7	0.7	0.558	0.106	0.0135
120 minute summer	FC8	9.000	J8	0.8	0.727	0.082	0.0046
120 minute summer	FC9	10.000	J9	0.7	0.511	0.126	0.0106
120 minute summer	FC10	11.000	J10	0.8	0.562	0.122	0.0090
120 minute summer	FC11	12.000	J11	0.8	0.515	0.133	0.0118
120 minute summer	FC12	13.000	S2	0.8	0.514	0.132	0.0105
120 minute summer	FC13	14.000	J12	0.8	0.517	0.133	0.0105
120 minute summer	FC14	15.000	J13	0.4	0.420	0.064	0.0079
120 minute summer	FC15	16.000	J14	0.8	1.084	0.043	0.0032
120 minute summer	FC16	17.000	J15	0.7	0.543	0.116	0.0105
120 minute summer	FC17	18.000	J16	0.8	0.861	0.060	0.0042
120 minute summer	FC18	19.000	J17	0.7	0.508	0.127	0.0103
120 minute summer	FC19	20.000	S3	0.8	0.514	0.134	0.0101

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC20	74	187.584	0.634	1.7	1.0335	0.0000	SURCHARGED
120 minute summer	FC21	74	186.935	0.635	1.7	1.0439	0.0000	SURCHARGED
120 minute summer	FC22	80	186.600	0.150	1.3	1.4588	0.0000	SURCHARGED
120 minute summer	FC23	74	186.873	0.573	1.3	0.7393	0.0000	SURCHARGED
120 minute summer	FC24	74	186.935	0.635	1.7	1.0410	0.0000	SURCHARGED
120 minute summer	FC25	74	187.184	0.634	1.7	1.0336	0.0000	SURCHARGED
120 minute summer	FC26	80	186.596	0.146	1.3	1.4744	0.0000	SURCHARGED
120 minute summer	FC27	72	187.067	0.567	1.3	0.7316	0.0000	SURCHARGED
120 minute summer	FC28	74	187.134	0.634	1.7	1.0336	0.0000	SURCHARGED
120 minute summer	FC29	76	187.142	0.642	1.8	1.2015	0.0000	SURCHARGED
120 minute summer	FC30	74	187.384	0.634	1.7	1.0342	0.0000	SURCHARGED
120 minute summer	FC31	74	187.020	0.570	1.3	0.7353	0.0000	SURCHARGED
120 minute summer	FC32	72	187.018	0.568	1.3	0.7331	0.0000	SURCHARGED
120 minute summer	FC33	74	187.085	0.635	1.7	1.0338	0.0000	SURCHARGED
120 minute summer	FC34	74	187.086	0.636	1.7	1.0433	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC20	21.000	J18	0.8	1.041	0.050	0.0033
120 minute summer	FC21	22.000	J19	0.8	0.516	0.134	0.0117
120 minute summer	FC22	23.000	S17	0.4	0.599	0.020	0.0031
120 minute summer	FC23	24.000	J20	0.7	0.528	0.119	0.0065
120 minute summer	FC24	25.000	J21	0.8	0.602	0.106	0.0061
120 minute summer	FC25	26.000	J22	0.8	1.033	0.050	0.0036
120 minute summer	FC26	27.000	J23	0.4	0.729	0.028	0.0023
120 minute summer	FC27	28.000	J24	0.8	1.119	0.041	0.0030
120 minute summer	FC28	29.000	J25	0.8	1.039	0.050	0.0033
120 minute summer	FC29	30.000	J26	0.8	1.012	0.052	0.0037
120 minute summer	FC30	31.000	J27	0.8	0.968	0.055	0.0036
120 minute summer	FC31	33.000	J28	0.7	0.395	0.083	0.0153
120 minute summer	FC32	34.000	J29	0.8	0.326	0.059	0.0164
120 minute summer	FC33	35.000	S12	0.8	0.951	0.056	0.0064
120 minute summer	FC34	36.000	J30	0.8	0.529	0.128	0.0071

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC35	74	187.084	0.634	1.7	1.0340	0.0000	SURCHARGED
120 minute summer	FC36	76	187.091	0.641	1.8	1.2016	0.0000	SURCHARGED
120 minute summer	FC37	76	186.460	0.660	2.2	1.6298	0.0000	SURCHARGED
120 minute summer	FC38	82	185.578	0.128	1.3	1.5386	0.0000	SURCHARGED
120 minute summer	FC39	72	186.018	0.567	1.3	0.7326	0.0000	SURCHARGED
120 minute summer	FC40	74	186.090	0.590	1.7	1.0492	0.0000	SURCHARGED
120 minute summer	FC41	74	185.483	0.633	1.7	1.0373	0.0000	SURCHARGED
120 minute summer	FC42	74	185.233	0.633	1.7	1.0390	0.0000	SURCHARGED
120 minute summer	FC43	74	185.223	0.623	1.7	1.0391	0.0000	SURCHARGED
120 minute summer	FC44	64	184.624	0.024	1.3	0.0311	0.0000	OK
120 minute summer	FC45	2	184.600	0.000	0.0	0.0000	0.0000	OK
120 minute summer	FC46	78	185.363	0.663	2.3	1.7864	0.0000	SURCHARGED
120 minute summer	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute summer	FC48	74	185.435	0.634	1.7	1.0340	0.0000	SURCHARGED
120 minute summer	FC49	74	185.435	0.635	1.7	1.0443	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC35	37.000	J31	0.8	0.957	0.056	0.0094
120 minute summer	FC36	38.000	J32	0.8	1.029	0.051	0.0089
120 minute summer	FC37	39.000	J33	0.8	0.691	0.091	0.0077
120 minute summer	FC38	40.000	J34	0.3	0.686	0.027	0.0024
120 minute summer	FC39	41.000	J35	0.8	0.951	0.052	0.0035
120 minute summer	FC40	42.000	J36	0.8	1.170	0.040	0.0033
120 minute summer	FC41	43.000	J37	0.8	0.770	0.075	0.0052
120 minute summer	FC42	44.000	J38	0.8	0.671	0.092	0.0093
120 minute summer	FC43	45.000	J39	0.8	0.782	0.073	0.0065
120 minute summer	FC44	46.000	J40	1.3	0.926	0.116	0.0062
120 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
120 minute summer	FC46	48.000	S20	0.8	0.485	0.136	0.0125
120 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0069
120 minute summer	FC48	50.000	J42	0.8	0.463	0.057	0.0104
120 minute summer	FC49	51.000	S21	0.8	0.511	0.133	0.0067

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC50	74	185.436	0.636	1.7	1.0442	0.0000	SURCHARGED
120 minute summer	FC51	74	185.484	0.634	1.7	1.0443	0.0000	SURCHARGED
120 minute summer	FC52	76	185.899	0.649	2.0	1.4238	0.0000	SURCHARGED
120 minute summer	FC53	74	185.885	0.635	1.7	1.0382	0.0000	SURCHARGED
120 minute summer	FC54	72	185.819	0.569	1.3	0.7344	0.0000	SURCHARGED
120 minute summer	FC55	72	185.817	0.567	1.3	0.7325	0.0000	SURCHARGED
120 minute summer	FC56	74	185.984	0.634	1.7	1.0338	0.0000	SURCHARGED
120 minute summer	FC57	74	185.985	0.634	1.7	1.0342	0.0000	SURCHARGED
120 minute summer	FC58	72	185.918	0.568	1.3	0.7330	0.0000	SURCHARGED
120 minute summer	FC59	72	185.918	0.568	1.3	0.7336	0.0000	SURCHARGED
120 minute summer	FC60	74	185.985	0.635	1.7	1.0357	0.0000	SURCHARGED
120 minute summer	FC61	74	185.935	0.635	1.7	1.0387	0.0000	SURCHARGED
120 minute summer	FC62	78	185.919	0.669	2.5	2.0100	0.0000	SURCHARGED
120 minute summer	FC63	74	185.974	0.574	1.3	0.7407	0.0000	SURCHARGED
120 minute summer	FC64	74	185.762	0.762	1.7	1.0141	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC50	52.000	J43	0.8	0.512	0.133	0.0072
120 minute summer	FC51	55.000	S22	0.8	0.515	0.133	0.0094
120 minute summer	FC52	58.000	S23	0.8	0.753	0.080	0.0058
120 minute summer	FC53	61.000	J50	0.8	0.704	0.085	0.0048
120 minute summer	FC54	62.000	J51	0.7	0.769	0.070	0.0039
120 minute summer	FC55	64.000	J53	0.8	0.973	0.050	0.0032
120 minute summer	FC56	53.000	J44	0.8	1.021	0.051	0.0051
120 minute summer	FC57	54.000	J45	0.8	0.957	0.056	0.0054
120 minute summer	FC58	56.000	J46	0.8	0.905	0.056	0.0051
120 minute summer	FC59	57.000	J47	0.8	0.839	0.062	0.0057
120 minute summer	FC60	59.000	J48	0.8	0.843	0.067	0.0062
120 minute summer	FC61	60.000	J49	0.8	0.676	0.092	0.0087
120 minute summer	FC62	63.000	J52	0.8	0.628	0.106	0.0122
120 minute summer	FC63	65.000	S26	0.7	0.509	0.127	0.0039
120 minute summer	FC64	66.000	J54	0.9	0.360	0.147	0.0058

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC65	74	185.785	0.635	1.7	1.0322	0.0000	SURCHARGED
120 minute summer	FC66	74	185.636	0.636	1.7	1.0420	0.0000	SURCHARGED
120 minute summer	FC67	80	184.945	0.145	1.3	1.4951	0.0000	SURCHARGED
120 minute summer	FC68	74	185.120	0.570	1.3	0.7362	0.0000	SURCHARGED
120 minute summer	J1	64	188.256	0.056	4.3	0.0755	0.0000	OK
120 minute summer	J2	66	188.191	0.085	5.1	0.0965	0.0000	OK
120 minute summer	J3	66	188.116	0.070	5.8	0.0789	0.0000	OK
120 minute summer	J4	66	188.086	0.050	6.5	0.0571	0.0000	OK
120 minute summer	J5	66	187.955	0.045	7.3	0.0505	0.0000	OK
120 minute summer	J6	66	187.723	0.073	8.0	0.0820	0.0000	OK
120 minute summer	J7	66	187.686	0.086	8.7	0.0969	0.0000	OK
120 minute summer	J8	66	187.655	0.062	9.5	0.0700	0.0000	OK
120 minute summer	J9	66	187.359	0.084	10.2	0.0953	0.0000	OK
120 minute summer	J10	66	187.320	0.050	10.9	0.0563	0.0000	OK
120 minute summer	J11	68	187.194	0.073	11.7	0.0823	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC65	67.000	J55	0.8	0.570	0.043	0.0052
120 minute summer	FC66	68.000	S24	0.8	0.574	0.110	0.0029
120 minute summer	FC67	69.000	J56	0.4	0.402	0.061	0.0019
120 minute summer	FC68	70.000	J57	0.7	0.664	0.083	0.0026
120 minute summer	J1	1.001	J2	4.3	0.742	0.524	0.0291
120 minute summer	J2	1.002	J3	5.0	0.770	0.853	0.0068
120 minute summer	J3	1.003	J4	5.9	0.889	0.441	0.0129
120 minute summer	J4	1.004	J5	6.5	1.366	0.195	0.0169
120 minute summer	J5	1.005	J6	7.3	1.153	0.192	0.0364
120 minute summer	J6	1.006	J7	8.0	0.851	0.282	0.0185
120 minute summer	J7	1.007	J8	8.7	1.008	0.624	0.0097
120 minute summer	J8	1.008	J9	9.5	1.448	0.313	0.0554
120 minute summer	J9	1.009	J10	10.1	1.026	0.304	0.0120
120 minute summer	J10	1.010	J11	10.9	1.264	0.085	0.0215
120 minute summer	J11	1.011	S2	11.7	0.722	0.182	0.0879

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J12	66	186.892	0.083	16.4	0.0943	0.0000	OK
120 minute summer	J13	66	186.849	0.147	16.7	0.1666	0.0000	OK
120 minute summer	J14	66	186.833	0.138	17.4	0.1565	0.0000	OK
120 minute summer	J15	68	186.811	0.123	18.0	0.1393	0.0000	OK
120 minute summer	J16	68	186.771	0.101	18.7	0.1146	0.0000	OK
120 minute summer	J17	68	186.431	0.073	19.5	0.0823	0.0000	OK
120 minute summer	J18	66	186.282	0.088	22.9	0.0993	0.0000	OK
120 minute summer	J19	66	186.166	0.139	23.7	0.1569	0.0000	OK
120 minute summer	J20	76	185.962	0.031	1.1	0.0351	0.0000	OK
120 minute summer	J21	76	185.934	0.039	1.9	0.0445	0.0000	OK
120 minute summer	J22	76	185.871	0.053	2.7	0.0597	0.0000	OK
120 minute summer	J23	154	185.870	0.087	3.1	0.0980	0.0000	OK
120 minute summer	J24	154	185.869	0.219	6.7	0.2479	0.0000	SURCHARGED
120 minute summer	J25	154	185.869	0.254	7.5	0.2875	0.0000	SURCHARGED
120 minute summer	J26	154	185.869	0.282	8.3	0.3191	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J12	1.013	J13	16.4	0.799	0.244	0.1323
120 minute summer	J13	1.014	J14	16.7	0.627	0.531	0.0504
120 minute summer	J14	1.015	J15	17.3	0.725	0.555	0.0458
120 minute summer	J15	1.016	J16	18.0	0.912	0.589	0.1014
120 minute summer	J16	1.017	J17	18.7	1.203	0.311	0.0524
120 minute summer	J17	1.018	S3	19.5	1.137	0.134	0.0325
120 minute summer	J18	1.020	J19	22.9	1.951	0.176	0.0175
120 minute summer	J19	1.021	S4	23.6	0.825	0.429	0.1260
120 minute summer	J20	23.002	J21	1.1	0.453	0.189	0.0093
120 minute summer	J21	23.003	J22	1.9	0.541	0.322	0.0283
120 minute summer	J22	23.004	J23	2.7	0.635	0.453	0.0203
120 minute summer	J23	23.005	S18	3.1	0.737	0.519	0.0564
120 minute summer	J24	23.007	J25	6.7	0.611	0.507	0.1088
120 minute summer	J25	23.008	J26	7.5	0.641	0.567	0.0874
120 minute summer	J26	23.009	S19	8.3	0.757	0.625	0.0652

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J27	210	185.871	0.410	12.4	0.4637	0.0000	SURCHARGED
120 minute summer	J28	64	186.430	0.074	4.8	0.0837	0.0000	OK
120 minute summer	J29	64	186.357	0.086	5.5	0.0968	0.0000	OK
120 minute summer	J30	66	186.236	0.089	7.0	0.1009	0.0000	OK
120 minute summer	J31	66	186.208	0.089	7.8	0.1011	0.0000	OK
120 minute summer	J32	66	186.153	0.089	8.6	0.1003	0.0000	OK
120 minute summer	J33	66	185.670	0.060	12.0	0.0679	0.0000	OK
120 minute summer	J34	66	185.228	0.103	15.8	0.1165	0.0000	OK
120 minute summer	J35	66	185.145	0.070	16.5	0.0789	0.0000	OK
120 minute summer	J36	66	184.987	0.112	17.3	0.1267	0.0000	OK
120 minute summer	J37	66	184.696	0.121	20.5	0.1371	0.0000	OK
120 minute summer	J38	66	184.537	0.162	22.4	0.1830	0.0000	OK
120 minute summer	J39	66	184.494	0.156	23.2	0.1761	0.0000	OK
120 minute summer	J40	66	184.458	0.133	24.4	0.1499	0.0000	OK
120 minute summer	J41	66	184.634	0.037	1.6	0.0417	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J27	23.011	S4	12.4	0.737	0.414	0.0951
120 minute summer	J28	32.001	J29	4.8	0.728	0.817	0.0589
120 minute summer	J29	32.002	S12	5.4	0.808	0.917	0.0313
120 minute summer	J30	32.004	J31	7.0	0.642	0.529	0.0544
120 minute summer	J31	32.005	J32	7.8	0.717	0.588	0.1061
120 minute summer	J32	32.006	S13	8.6	0.958	0.646	0.0479
120 minute summer	J33	32.008	S14	12.0	1.054	0.337	0.1026
120 minute summer	J34	32.010	J35	15.8	1.131	0.411	0.1270
120 minute summer	J35	32.011	J36	16.5	1.103	0.186	0.1037
120 minute summer	J36	32.012	S15	17.7	1.187	0.591	0.0364
120 minute summer	J37	32.014	S16	20.4	1.223	0.671	0.0869
120 minute summer	J38	32.016	J39	22.4	0.749	0.743	0.3238
120 minute summer	J39	32.017	J40	23.2	0.865	0.754	0.0980
120 minute summer	J40	32.018	S10	24.4	1.066	0.567	0.2195
120 minute summer	J41	48.002	J42	1.6	0.544	0.269	0.0185

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J42	66	184.581	0.044	2.4	0.0499	0.0000	OK
120 minute summer	J43	66	184.434	0.074	4.5	0.0835	0.0000	OK
120 minute summer	J44	66	184.421	0.071	5.3	0.0805	0.0000	OK
120 minute summer	J45	66	184.403	0.103	6.1	0.1160	0.0000	OK
120 minute summer	J46	66	184.378	0.106	8.8	0.1201	0.0000	OK
120 minute summer	J47	68	184.353	0.104	9.4	0.1181	0.0000	OK
120 minute summer	J48	68	184.279	0.125	11.8	0.1413	0.0000	OK
120 minute summer	J49	68	184.267	0.138	12.5	0.1559	0.0000	OK
120 minute summer	J50	68	184.258	0.133	13.3	0.1503	0.0000	OK
120 minute summer	J51	68	184.244	0.136	14.0	0.1539	0.0000	OK
120 minute summer	J52	68	184.231	0.127	14.8	0.1437	0.0000	OK
120 minute summer	J53	68	184.207	0.119	15.6	0.1351	0.0000	OK
120 minute summer	J54	66	185.025	0.046	2.1	0.0516	0.0000	OK
120 minute summer	J55	66	184.996	0.052	2.9	0.0588	0.0000	OK
120 minute summer	J56	66	184.125	0.158	24.0	0.1786	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J42	48.003	S21	2.4	0.560	0.403	0.0348
120 minute summer	J43	48.005	J44	4.5	0.548	0.326	0.0135
120 minute summer	J44	48.006	J45	5.3	0.509	0.399	0.0924
120 minute summer	J45	48.007	S22	6.1	0.478	0.449	0.0315
120 minute summer	J46	48.009	J47	8.7	0.662	0.655	0.0557
120 minute summer	J47	48.010	S23	9.5	0.784	0.709	0.0318
120 minute summer	J48	48.012	J49	11.7	0.492	0.393	0.1792
120 minute summer	J49	48.013	J50	12.5	0.505	0.409	0.0283
120 minute summer	J50	48.014	J51	13.3	0.539	0.446	0.1255
120 minute summer	J51	48.015	J52	14.0	0.583	0.458	0.0273
120 minute summer	J52	48.016	J53	14.8	0.667	0.487	0.1085
120 minute summer	J53	48.017	S24	15.5	0.796	0.516	0.2003
120 minute summer	J54	65.002	J55	2.1	0.555	0.354	0.0138
120 minute summer	J55	65.003	S24	2.9	0.726	0.489	0.0312
120 minute summer	J56	48.019	J57	23.9	0.647	0.441	0.3361

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Results for 100 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J57	68	184.099	0.154	24.6	0.1742	0.0000	OK
120 minute summer	BASIN 1	154	185.869	0.869	36.9	112.2818	0.0000	SURCHARGED
120 minute summer	BASIN 2	360	184.511	0.211	1.3	19.2844	0.0000	OK
120 minute summer	BASIN 3	184	183.210	0.110	28.1	76.7670	0.0000	OK
120 minute summer	BASIN 4	188	183.934	0.604	24.6	84.6036	0.0000	SURCHARGED
120 minute summer	SWALE 1	156	184.964	0.032	1.3	0.0364	0.0000	OK
120 minute summer	SWALE 2	2	184.450	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWALE 3	66	184.206	0.136	28.2	0.1540	0.0000	OK
120 minute summer	BH1	360	184.511	0.434	1.0	2.0601	0.0000	OK
120 minute summer	BH2	174	183.211	0.159	4.4	2.3949	0.0000	OK
120 minute summer	BH3	186	183.934	0.628	3.5	4.5338	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J57	48.020	S25	24.6	0.712	0.455	0.2735
120 minute summer	BASIN 1	1.023	S5	1.3	0.207	0.025	0.6013
120 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
120 minute summer	BASIN 2	71.000	BH1	1.0	0.490	0.170	0.1829
120 minute summer	BASIN 3	1.034	BH2	4.4	0.469	0.053	0.9622
120 minute summer	BASIN 4	48.022	BH3	3.5	0.595	0.065	0.7181
120 minute summer	SWALE 1	1.025	S6	1.3	0.319	0.025	0.1544
120 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
120 minute summer	SWALE 3	1.033	BASIN 3	28.1	0.939	0.404	1.2913
120 minute summer	BH1	Infiltration		0.1			
120 minute summer	BH2	Infiltration		0.2			
120 minute summer	BH3	Infiltration		0.2			

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S1	64	188.397	0.027	1.4	0.0367	0.0000	OK
120 minute winter	S2	68	187.154	0.115	14.2	0.1698	0.0000	OK
120 minute winter	S3	68	186.335	0.123	20.5	0.1600	0.0000	OK
120 minute winter	S4	152	185.952	0.574	33.7	0.6820	0.0000	SURCHARGED
120 minute winter	S5	160	185.952	0.972	1.4	1.0992	0.0000	SURCHARGED
120 minute winter	S6	164	184.878	0.034	1.4	0.0379	0.0000	OK
120 minute winter	S7	2	184.779	0.000	0.0	0.0000	0.0000	OK
120 minute winter	S8	2	184.390	0.000	0.0	0.0000	0.0000	OK
120 minute winter	S9	66	184.274	0.074	0.1	0.0841	0.0000	OK
120 minute winter	S10	66	184.274	0.090	24.3	0.1379	0.0000	OK
120 minute winter	S11	64	186.458	0.058	3.2	0.0949	0.0000	OK
120 minute winter	S12	66	186.251	0.075	5.3	0.0847	0.0000	OK
120 minute winter	S13	68	186.093	0.059	9.7	0.0844	0.0000	OK
120 minute winter	S14	66	185.362	0.112	13.4	0.1754	0.0000	OK
120 minute winter	S15	64	184.933	0.066	17.8	0.0916	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	S1	1.000	J1	1.4	0.512	0.160	0.0229
120 minute winter	S2	1.012	J12	14.2	0.768	0.477	0.0277
120 minute winter	S3	1.019	J18	20.5	1.150	0.669	0.0915
120 minute winter	S4	1.022	BASIN 1	33.7	1.705	0.201	1.1778
120 minute winter	S5	1.024	SWALE 1	1.4	0.325	0.026	0.0855
120 minute winter	S6	1.026	BASIN 2	1.4	0.367	0.025	0.0214
120 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
120 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0816
120 minute winter	S9	1.031	S10	-0.1	-0.069	-0.002	0.1051
120 minute winter	S10	1.032	SWALE 3	24.3	1.069	0.135	0.0996
120 minute winter	S11	32.000	J28	3.2	0.653	0.538	0.0223
120 minute winter	S12	32.003	J30	5.3	0.572	0.395	0.0470
120 minute winter	S13	32.007	J33	9.7	1.560	0.301	0.0810
120 minute winter	S14	32.009	J34	13.4	1.016	0.773	0.0690
120 minute winter	S15	32.013	J37	17.0	1.168	0.184	0.1372

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S16	66	184.625	0.068	18.8	0.0854	0.0000	OK
120 minute winter	S17	88	186.018	0.018	0.4	0.0198	0.0000	OK
120 minute winter	S18	170	185.960	0.299	5.4	0.4222	0.0000	SURCHARGED
120 minute winter	S19	190	185.959	0.468	10.3	0.6412	0.0000	SURCHARGED
120 minute winter	S20	70	184.677	0.035	1.4	0.0425	0.0000	OK
120 minute winter	S21	70	184.519	0.060	3.5	0.0705	0.0000	OK
120 minute winter	S22	68	184.390	0.104	7.6	0.1271	0.0000	OK
120 minute winter	S23	70	184.282	0.124	10.4	0.1470	0.0000	OK
120 minute winter	S24	70	184.136	0.159	22.2	0.2312	0.0000	OK
120 minute winter	S25	70	184.063	0.137	23.3	0.1553	0.0000	OK
120 minute winter	S26	70	185.403	0.026	1.2	0.0312	0.0000	OK
120 minute winter	FC1	78	188.886	0.636	1.3	1.0354	0.0000	SURCHARGED
120 minute winter	FC2	78	188.785	0.635	1.3	1.0391	0.0000	SURCHARGED
120 minute winter	FC3	86	188.879	0.679	2.1	2.4274	0.0000	SURCHARGED
120 minute winter	FC4	76	188.750	0.550	1.0	0.7095	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	S16	32.015	J38	18.8	1.011	0.128	0.0432
120 minute winter	S17	23.001	J20	0.4	0.384	0.067	0.0107
120 minute winter	S18	23.006	J24	5.4	0.553	0.396	0.0323
120 minute winter	S19	23.010	J27	10.3	0.603	0.342	0.3541
120 minute winter	S20	48.001	J41	1.4	0.586	0.235	0.0111
120 minute winter	S21	48.004	J43	3.5	0.750	0.587	0.0236
120 minute winter	S22	48.008	J46	7.6	0.587	0.565	0.0314
120 minute winter	S23	48.011	J48	10.4	0.472	0.336	0.0248
120 minute winter	S24	48.018	J56	22.2	0.602	0.415	0.1569
120 minute winter	S25	48.021	BASIN 4	23.3	0.822	0.422	0.0904
120 minute winter	S26	65.001	J54	1.2	0.769	0.138	0.0134
120 minute winter	FC1	2.000	J1	0.8	0.466	0.128	0.0126
120 minute winter	FC2	3.000	J2	0.8	0.297	0.136	0.0189
120 minute winter	FC3	4.000	J3	0.8	0.552	0.128	0.0139
120 minute winter	FC4	5.000	J4	0.7	0.603	0.097	0.0089

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC5	78	188.634	0.634	1.3	1.0381	0.0000	SURCHARGED
120 minute winter	FC6	76	188.399	0.549	1.0	0.7082	0.0000	SURCHARGED
120 minute winter	FC7	76	188.300	0.550	1.0	0.7099	0.0000	SURCHARGED
120 minute winter	FC8	78	188.384	0.634	1.3	1.0301	0.0000	SURCHARGED
120 minute winter	FC9	76	188.022	0.552	1.0	0.7123	0.0000	SURCHARGED
120 minute winter	FC10	84	188.140	0.670	1.8	1.9387	0.0000	SURCHARGED
120 minute winter	FC11	76	187.943	0.623	1.2	0.8584	0.0000	SURCHARGED
120 minute winter	FC12	76	187.853	0.623	1.2	0.8584	0.0000	SURCHARGED
120 minute winter	FC13	78	187.636	0.636	1.3	1.0369	0.0000	SURCHARGED
120 minute winter	FC14	90	187.074	0.174	1.3	2.2215	0.0000	SURCHARGED
120 minute winter	FC15	76	187.745	0.545	1.0	0.7032	0.0000	SURCHARGED
120 minute winter	FC16	76	187.451	0.551	1.0	0.7113	0.0000	SURCHARGED
120 minute winter	FC17	76	187.546	0.546	1.0	0.7052	0.0000	SURCHARGED
120 minute winter	FC18	76	187.102	0.552	1.0	0.7124	0.0000	SURCHARGED
120 minute winter	FC19	78	187.036	0.636	1.3	1.0370	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC5	6.000	J5	0.8	0.511	0.133	0.0064
120 minute winter	FC6	7.000	J6	0.7	0.664	0.085	0.0081
120 minute winter	FC7	8.000	J7	0.7	0.554	0.104	0.0121
120 minute winter	FC8	9.000	J8	0.8	0.727	0.082	0.0046
120 minute winter	FC9	10.000	J9	0.7	0.508	0.124	0.0104
120 minute winter	FC10	11.000	J10	0.8	0.563	0.122	0.0090
120 minute winter	FC11	12.000	J11	0.8	0.515	0.132	0.0118
120 minute winter	FC12	13.000	S2	0.8	0.514	0.132	0.0105
120 minute winter	FC13	14.000	J12	0.8	0.517	0.133	0.0104
120 minute winter	FC14	15.000	J13	0.4	0.426	0.067	0.0071
120 minute winter	FC15	16.000	J14	0.7	1.078	0.042	0.0032
120 minute winter	FC16	17.000	J15	0.7	0.540	0.114	0.0103
120 minute winter	FC17	18.000	J16	0.7	0.856	0.059	0.0041
120 minute winter	FC18	19.000	J17	0.7	0.505	0.124	0.0102
120 minute winter	FC19	20.000	S3	0.8	0.514	0.134	0.0101

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC20	78	187.584	0.634	1.3	1.0249	0.0000	SURCHARGED
120 minute winter	FC21	78	186.935	0.635	1.3	1.0373	0.0000	SURCHARGED
120 minute winter	FC22	88	186.615	0.165	1.0	1.6035	0.0000	SURCHARGED
120 minute winter	FC23	76	186.851	0.551	1.0	0.7119	0.0000	SURCHARGED
120 minute winter	FC24	78	186.935	0.635	1.3	1.0338	0.0000	SURCHARGED
120 minute winter	FC25	78	187.184	0.634	1.3	1.0250	0.0000	SURCHARGED
120 minute winter	FC26	88	186.611	0.161	1.0	1.6240	0.0000	SURCHARGED
120 minute winter	FC27	76	187.045	0.544	1.0	0.7029	0.0000	SURCHARGED
120 minute winter	FC28	78	187.133	0.633	1.3	1.0250	0.0000	SURCHARGED
120 minute winter	FC29	80	187.145	0.645	1.4	1.2349	0.0000	SURCHARGED
120 minute winter	FC30	78	187.384	0.634	1.3	1.0258	0.0000	SURCHARGED
120 minute winter	FC31	76	186.998	0.548	1.0	0.7075	0.0000	SURCHARGED
120 minute winter	FC32	76	186.996	0.546	1.0	0.7048	0.0000	SURCHARGED
120 minute winter	FC33	78	187.085	0.635	1.3	1.0253	0.0000	SURCHARGED
120 minute winter	FC34	78	187.085	0.635	1.3	1.0366	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC20	21.000	J18	0.8	1.041	0.049	0.0033
120 minute winter	FC21	22.000	J19	0.8	0.516	0.134	0.0117
120 minute winter	FC22	23.000	S17	0.4	0.607	0.021	0.0032
120 minute winter	FC23	24.000	J20	0.7	0.525	0.116	0.0064
120 minute winter	FC24	25.000	J21	0.8	0.602	0.106	0.0061
120 minute winter	FC25	26.000	J22	0.8	1.033	0.050	0.0036
120 minute winter	FC26	27.000	J23	0.4	0.740	0.029	0.0024
120 minute winter	FC27	28.000	J24	0.7	1.113	0.040	0.0030
120 minute winter	FC28	29.000	J25	0.8	1.038	0.050	0.0033
120 minute winter	FC29	30.000	J26	0.8	1.012	0.052	0.0037
120 minute winter	FC30	31.000	J27	0.8	0.968	0.055	0.0036
120 minute winter	FC31	33.000	J28	0.7	0.384	0.081	0.0129
120 minute winter	FC32	34.000	J29	0.7	0.317	0.058	0.0141
120 minute winter	FC33	35.000	S12	0.8	0.951	0.056	0.0048
120 minute winter	FC34	36.000	J30	0.8	0.528	0.128	0.0071

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC35	78	187.084	0.634	1.3	1.0256	0.0000	SURCHARGED
120 minute winter	FC36	80	187.093	0.643	1.4	1.2350	0.0000	SURCHARGED
120 minute winter	FC37	84	186.466	0.666	1.7	1.7375	0.0000	SURCHARGED
120 minute winter	FC38	88	185.592	0.142	1.0	1.7061	0.0000	SURCHARGED
120 minute winter	FC39	76	185.996	0.546	1.0	0.7043	0.0000	SURCHARGED
120 minute winter	FC40	78	186.090	0.590	1.3	1.0466	0.0000	SURCHARGED
120 minute winter	FC41	78	185.483	0.633	1.3	1.0295	0.0000	SURCHARGED
120 minute winter	FC42	78	185.233	0.633	1.3	1.0320	0.0000	SURCHARGED
120 minute winter	FC43	78	185.223	0.623	1.3	1.0322	0.0000	SURCHARGED
120 minute winter	FC44	62	184.621	0.021	1.0	0.0271	0.0000	OK
120 minute winter	FC45	2	184.600	0.000	0.0	0.0000	0.0000	OK
120 minute winter	FC46	84	185.370	0.670	1.8	1.9400	0.0000	SURCHARGED
120 minute winter	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute winter	FC48	78	185.434	0.634	1.3	1.0256	0.0000	SURCHARGED
120 minute winter	FC49	78	185.435	0.635	1.3	1.0377	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC35	37.000	J31	0.8	0.956	0.056	0.0076
120 minute winter	FC36	38.000	J32	0.8	1.029	0.051	0.0074
120 minute winter	FC37	39.000	J33	0.8	0.692	0.092	0.0077
120 minute winter	FC38	40.000	J34	0.4	0.697	0.029	0.0025
120 minute winter	FC39	41.000	J35	0.7	0.946	0.051	0.0035
120 minute winter	FC40	42.000	J36	0.8	1.170	0.040	0.0033
120 minute winter	FC41	43.000	J37	0.8	0.770	0.075	0.0052
120 minute winter	FC42	44.000	J38	0.8	0.670	0.092	0.0060
120 minute winter	FC43	45.000	J39	0.8	0.782	0.073	0.0044
120 minute winter	FC44	46.000	J40	1.0	0.861	0.089	0.0051
120 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
120 minute winter	FC46	48.000	S20	0.8	0.502	0.137	0.0118
120 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0062
120 minute winter	FC48	50.000	J42	0.8	0.572	0.057	0.0099
120 minute winter	FC49	51.000	S21	0.8	0.511	0.133	0.0067

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC50	78	185.435	0.635	1.3	1.0375	0.0000	SURCHARGED
120 minute winter	FC51	78	185.483	0.633	1.3	1.0378	0.0000	SURCHARGED
120 minute winter	FC52	82	185.901	0.651	1.5	1.4530	0.0000	SURCHARGED
120 minute winter	FC53	78	185.884	0.634	1.3	1.0308	0.0000	SURCHARGED
120 minute winter	FC54	76	185.797	0.547	1.0	0.7065	0.0000	SURCHARGED
120 minute winter	FC55	76	185.795	0.545	1.0	0.7041	0.0000	SURCHARGED
120 minute winter	FC56	78	185.983	0.633	1.3	1.0252	0.0000	SURCHARGED
120 minute winter	FC57	78	185.984	0.634	1.3	1.0258	0.0000	SURCHARGED
120 minute winter	FC58	76	185.896	0.546	1.0	0.7047	0.0000	SURCHARGED
120 minute winter	FC59	76	185.896	0.546	1.0	0.7054	0.0000	SURCHARGED
120 minute winter	FC60	78	185.984	0.634	1.3	1.0275	0.0000	SURCHARGED
120 minute winter	FC61	78	185.934	0.634	1.3	1.0313	0.0000	SURCHARGED
120 minute winter	FC62	86	185.927	0.677	1.9	2.1977	0.0000	SURCHARGED
120 minute winter	FC63	76	185.953	0.553	1.0	0.7134	0.0000	SURCHARGED
120 minute winter	FC64	76	185.752	0.752	1.3	1.0009	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC50	52.000	J43	0.8	0.512	0.133	0.0072
120 minute winter	FC51	55.000	S22	0.8	0.515	0.133	0.0094
120 minute winter	FC52	58.000	S23	0.8	0.753	0.080	0.0058
120 minute winter	FC53	61.000	J50	0.8	0.704	0.085	0.0048
120 minute winter	FC54	62.000	J51	0.7	0.765	0.068	0.0038
120 minute winter	FC55	64.000	J53	0.7	0.967	0.049	0.0032
120 minute winter	FC56	53.000	J44	0.8	1.021	0.051	0.0051
120 minute winter	FC57	54.000	J45	0.8	0.957	0.056	0.0054
120 minute winter	FC58	56.000	J46	0.7	0.900	0.055	0.0051
120 minute winter	FC59	57.000	J47	0.7	0.834	0.061	0.0056
120 minute winter	FC60	59.000	J48	0.8	0.843	0.067	0.0062
120 minute winter	FC61	60.000	J49	0.8	0.676	0.092	0.0087
120 minute winter	FC62	63.000	J52	0.8	0.629	0.107	0.0122
120 minute winter	FC63	65.000	S26	0.7	0.499	0.124	0.0038
120 minute winter	FC64	66.000	J54	0.9	0.357	0.146	0.0057

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC65	78	185.785	0.635	1.3	1.0231	0.0000	SURCHARGED
120 minute winter	FC66	78	185.635	0.635	1.3	1.0351	0.0000	SURCHARGED
120 minute winter	FC67	88	184.960	0.160	1.0	1.6516	0.0000	SURCHARGED
120 minute winter	FC68	76	185.099	0.549	1.0	0.7085	0.0000	SURCHARGED
120 minute winter	J1	66	188.250	0.050	3.6	0.0669	0.0000	OK
120 minute winter	J2	66	188.181	0.075	4.3	0.0846	0.0000	OK
120 minute winter	J3	66	188.111	0.065	5.1	0.0736	0.0000	OK
120 minute winter	J4	66	188.082	0.047	5.8	0.0533	0.0000	OK
120 minute winter	J5	66	187.952	0.042	6.6	0.0477	0.0000	OK
120 minute winter	J6	68	187.718	0.068	7.3	0.0768	0.0000	OK
120 minute winter	J7	68	187.682	0.082	8.0	0.0923	0.0000	OK
120 minute winter	J8	68	187.652	0.059	8.8	0.0669	0.0000	OK
120 minute winter	J9	68	187.356	0.081	9.4	0.0917	0.0000	OK
120 minute winter	J10	68	187.318	0.048	10.2	0.0541	0.0000	OK
120 minute winter	J11	72	187.191	0.070	11.0	0.0793	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC65	67.000	J55	0.8	0.569	0.043	0.0052
120 minute winter	FC66	68.000	S24	0.8	0.574	0.110	0.0029
120 minute winter	FC67	69.000	J56	0.4	0.409	0.065	0.0020
120 minute winter	FC68	70.000	J57	0.7	0.661	0.082	0.0025
120 minute winter	J1	1.001	J2	3.6	0.704	0.431	0.0255
120 minute winter	J2	1.002	J3	4.3	0.752	0.733	0.0060
120 minute winter	J3	1.003	J4	5.1	0.856	0.387	0.0117
120 minute winter	J4	1.004	J5	5.8	1.323	0.173	0.0155
120 minute winter	J5	1.005	J6	6.6	1.127	0.172	0.0335
120 minute winter	J6	1.006	J7	7.3	0.830	0.256	0.0172
120 minute winter	J7	1.007	J8	8.0	0.982	0.572	0.0092
120 minute winter	J8	1.008	J9	8.8	1.420	0.290	0.0522
120 minute winter	J9	1.009	J10	9.4	1.008	0.283	0.0114
120 minute winter	J10	1.010	J11	10.2	1.243	0.079	0.0204
120 minute winter	J11	1.011	S2	11.0	0.719	0.171	0.0831

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J12	68	186.888	0.079	15.0	0.0890	0.0000	OK
120 minute winter	J13	68	186.842	0.140	15.4	0.1588	0.0000	OK
120 minute winter	J14	68	186.827	0.132	16.1	0.1495	0.0000	OK
120 minute winter	J15	70	186.806	0.118	16.7	0.1334	0.0000	OK
120 minute winter	J16	70	186.767	0.097	17.5	0.1099	0.0000	OK
120 minute winter	J17	70	186.427	0.069	18.2	0.0781	0.0000	OK
120 minute winter	J18	70	186.278	0.084	21.3	0.0948	0.0000	OK
120 minute winter	J19	70	186.161	0.133	22.0	0.1510	0.0000	OK
120 minute winter	J20	80	185.962	0.031	1.1	0.0352	0.0000	OK
120 minute winter	J21	170	185.961	0.066	1.9	0.0743	0.0000	OK
120 minute winter	J22	170	185.961	0.143	2.7	0.1615	0.0000	SURCHARGED
120 minute winter	J23	170	185.961	0.178	3.1	0.2009	0.0000	SURCHARGED
120 minute winter	J24	188	185.960	0.310	6.1	0.3503	0.0000	SURCHARGED
120 minute winter	J25	188	185.960	0.345	6.9	0.3897	0.0000	SURCHARGED
120 minute winter	J26	190	185.960	0.373	7.7	0.4215	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J12	1.013	J13	15.0	0.784	0.224	0.1242
120 minute winter	J13	1.014	J14	15.4	0.611	0.489	0.0477
120 minute winter	J14	1.015	J15	16.0	0.709	0.514	0.0434
120 minute winter	J15	1.016	J16	16.7	0.895	0.547	0.0960
120 minute winter	J16	1.017	J17	17.5	1.183	0.290	0.0496
120 minute winter	J17	1.018	S3	18.2	1.127	0.125	0.0307
120 minute winter	J18	1.020	J19	21.3	1.924	0.164	0.0165
120 minute winter	J19	1.021	S4	22.0	0.809	0.400	0.1199
120 minute winter	J20	23.002	J21	1.1	0.454	0.190	0.0141
120 minute winter	J21	23.003	J22	1.9	0.541	0.323	0.0532
120 minute winter	J22	23.004	J23	2.7	0.637	0.454	0.0281
120 minute winter	J23	23.005	S18	3.1	0.738	0.522	0.0587
120 minute winter	J24	23.007	J25	6.1	0.595	0.460	0.1088
120 minute winter	J25	23.008	J26	6.9	0.626	0.520	0.0874
120 minute winter	J26	23.009	S19	7.7	0.740	0.578	0.0652

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J27	190	185.970	0.509	11.0	0.5759	0.0000	SURCHARGED
120 minute winter	J28	64	186.418	0.062	3.8	0.0702	0.0000	OK
120 minute winter	J29	66	186.343	0.071	4.5	0.0808	0.0000	OK
120 minute winter	J30	66	186.228	0.081	6.1	0.0916	0.0000	OK
120 minute winter	J31	66	186.201	0.082	6.8	0.0926	0.0000	OK
120 minute winter	J32	68	186.146	0.082	7.6	0.0932	0.0000	OK
120 minute winter	J33	68	185.666	0.056	10.5	0.0632	0.0000	OK
120 minute winter	J34	66	185.220	0.095	13.7	0.1077	0.0000	OK
120 minute winter	J35	66	185.139	0.064	14.4	0.0723	0.0000	OK
120 minute winter	J36	66	184.981	0.105	15.1	0.1193	0.0000	OK
120 minute winter	J37	66	184.687	0.112	17.8	0.1269	0.0000	OK
120 minute winter	J38	66	184.522	0.147	19.6	0.1660	0.0000	OK
120 minute winter	J39	66	184.481	0.142	20.4	0.1612	0.0000	OK
120 minute winter	J40	66	184.447	0.122	21.3	0.1376	0.0000	OK
120 minute winter	J41	70	184.631	0.034	1.4	0.0386	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J27	23.011	S4	11.0	0.713	0.370	0.0951
120 minute winter	J28	32.001	J29	3.8	0.693	0.649	0.0489
120 minute winter	J29	32.002	S12	4.5	0.790	0.757	0.0264
120 minute winter	J30	32.004	J31	6.1	0.620	0.456	0.0486
120 minute winter	J31	32.005	J32	6.8	0.692	0.514	0.0961
120 minute winter	J32	32.006	S13	7.6	0.936	0.572	0.0434
120 minute winter	J33	32.008	S14	10.5	1.047	0.296	0.0910
120 minute winter	J34	32.010	J35	13.7	1.093	0.355	0.1138
120 minute winter	J35	32.011	J36	14.4	1.056	0.162	0.0945
120 minute winter	J36	32.012	S15	15.9	1.159	0.530	0.0330
120 minute winter	J37	32.014	S16	17.8	1.205	0.586	0.0772
120 minute winter	J38	32.016	J39	19.6	0.726	0.649	0.2917
120 minute winter	J39	32.017	J40	20.3	0.840	0.661	0.0884
120 minute winter	J40	32.018	S10	21.3	1.032	0.495	0.1978
120 minute winter	J41	48.002	J42	1.4	0.520	0.236	0.0171

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J42	70	184.579	0.042	2.2	0.0476	0.0000	OK
120 minute winter	J43	70	184.431	0.071	4.3	0.0799	0.0000	OK
120 minute winter	J44	70	184.418	0.068	5.0	0.0769	0.0000	OK
120 minute winter	J45	68	184.398	0.098	5.8	0.1107	0.0000	OK
120 minute winter	J46	68	184.374	0.102	8.3	0.1155	0.0000	OK
120 minute winter	J47	70	184.349	0.101	9.0	0.1143	0.0000	OK
120 minute winter	J48	70	184.275	0.121	11.1	0.1364	0.0000	OK
120 minute winter	J49	70	184.263	0.134	11.9	0.1513	0.0000	OK
120 minute winter	J50	70	184.254	0.129	12.7	0.1459	0.0000	OK
120 minute winter	J51	70	184.241	0.133	13.4	0.1499	0.0000	OK
120 minute winter	J52	70	184.228	0.124	14.2	0.1400	0.0000	OK
120 minute winter	J53	72	184.204	0.117	14.9	0.1320	0.0000	OK
120 minute winter	J54	70	185.024	0.045	2.0	0.0506	0.0000	OK
120 minute winter	J55	70	184.995	0.051	2.8	0.0579	0.0000	OK
120 minute winter	J56	70	184.120	0.153	22.6	0.1725	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J42	48.003	S21	2.2	0.549	0.371	0.0327
120 minute winter	J43	48.005	J44	4.3	0.537	0.305	0.0128
120 minute winter	J44	48.006	J45	5.0	0.507	0.378	0.0874
120 minute winter	J45	48.007	S22	5.8	0.478	0.430	0.0300
120 minute winter	J46	48.009	J47	8.3	0.651	0.619	0.0535
120 minute winter	J47	48.010	S23	9.0	0.770	0.673	0.0307
120 minute winter	J48	48.012	J49	11.1	0.483	0.373	0.1722
120 minute winter	J49	48.013	J50	11.9	0.496	0.389	0.0273
120 minute winter	J50	48.014	J51	12.7	0.532	0.425	0.1214
120 minute winter	J51	48.015	J52	13.4	0.575	0.438	0.0265
120 minute winter	J52	48.016	J53	14.2	0.659	0.466	0.1052
120 minute winter	J53	48.017	S24	14.9	0.787	0.495	0.1946
120 minute winter	J54	65.002	J55	2.0	0.547	0.343	0.0135
120 minute winter	J55	65.003	S24	2.8	0.721	0.477	0.0306
120 minute winter	J56	48.019	J57	22.6	0.636	0.416	0.3223

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Results for 100 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J57	70	184.094	0.149	23.3	0.1688	0.0000	OK
120 minute winter	BASIN 1	160	185.952	0.952	33.7	124.9660	0.0000	SURCHARGED
120 minute winter	BASIN 2	360	184.522	0.222	1.4	20.3887	0.0000	OK
120 minute winter	BASIN 3	198	183.223	0.123	24.3	86.0489	0.0000	OK
120 minute winter	BASIN 4	194	183.993	0.663	23.3	94.0177	0.0000	SURCHARGED
120 minute winter	SWALE 1	162	184.965	0.033	1.4	0.0373	0.0000	OK
120 minute winter	SWALE 2	2	184.450	0.000	0.0	0.0000	0.0000	OK
120 minute winter	SWALE 3	68	184.195	0.125	24.3	0.1417	0.0000	OK
120 minute winter	BH1	360	184.522	0.445	1.0	2.0929	0.0000	OK
120 minute winter	BH2	186	183.224	0.172	3.9	2.4599	0.0000	OK
120 minute winter	BH3	194	183.993	0.687	3.6	4.8120	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J57	48.020	S25	23.3	0.701	0.431	0.2628
120 minute winter	BASIN 1	1.023	S5	1.4	0.236	0.027	0.6013
120 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
120 minute winter	BASIN 2	71.000	BH1	1.0	0.498	0.175	0.1829
120 minute winter	BASIN 3	1.034	BH2	3.9	0.448	0.046	1.0895
120 minute winter	BASIN 4	48.022	BH3	3.6	0.619	0.067	0.7181
120 minute winter	SWALE 1	1.025	S6	1.4	0.324	0.026	0.1594
120 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
120 minute winter	SWALE 3	1.033	BASIN 3	24.3	0.903	0.350	1.1638
120 minute winter	BH1	Infiltration		0.1			
120 minute winter	BH2	Infiltration		0.2			
120 minute winter	BH3	Infiltration		0.2			

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S1	96	188.397	0.027	1.4	0.0367	0.0000	OK
180 minute summer	S2	100	187.150	0.111	13.4	0.1639	0.0000	OK
180 minute summer	S3	100	186.331	0.119	19.3	0.1546	0.0000	OK
180 minute summer	S4	232	185.983	0.605	31.6	0.7190	0.0000	SURCHARGED
180 minute summer	S5	200	185.934	0.954	1.4	1.0788	0.0000	SURCHARGED
180 minute summer	S6	200	184.877	0.033	1.4	0.0377	0.0000	OK
180 minute summer	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
180 minute summer	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
180 minute summer	S9	96	184.271	0.071	0.1	0.0807	0.0000	OK
180 minute summer	S10	96	184.271	0.087	23.2	0.1332	0.0000	OK
180 minute summer	S11	96	186.457	0.057	3.1	0.0928	0.0000	OK
180 minute summer	S12	96	186.248	0.072	5.0	0.0816	0.0000	OK
180 minute summer	S13	96	186.092	0.058	9.2	0.0818	0.0000	OK
180 minute summer	S14	96	185.358	0.108	12.9	0.1697	0.0000	OK
180 minute summer	S15	96	184.931	0.064	16.1	0.0891	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	S1	1.000	J1	1.4	0.516	0.160	0.0228
180 minute summer	S2	1.012	J12	13.4	0.754	0.448	0.0265
180 minute summer	S3	1.019	J18	19.3	1.133	0.630	0.0874
180 minute summer	S4	1.022	BASIN 1	31.6	1.463	0.189	1.1778
180 minute summer	S5	1.024	SWALE 1	1.4	0.324	0.025	0.0849
180 minute summer	S6	1.026	BASIN 2	1.4	0.366	0.025	0.0212
180 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
180 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0769
180 minute summer	S9	1.031	S10	-0.1	-0.040	-0.002	0.0996
180 minute summer	S10	1.032	SWALE 3	23.1	1.062	0.128	0.0952
180 minute summer	S11	32.000	J28	3.1	0.654	0.521	0.0217
180 minute summer	S12	32.003	J30	5.0	0.569	0.374	0.0447
180 minute summer	S13	32.007	J33	9.2	1.537	0.285	0.0778
180 minute summer	S14	32.009	J34	12.8	1.007	0.740	0.0667
180 minute summer	S15	32.013	J37	16.2	1.157	0.176	0.1322

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S16	96	184.622	0.065	17.9	0.0820	0.0000	OK
180 minute summer	S17	116	186.017	0.017	0.4	0.0189	0.0000	OK
180 minute summer	S18	212	185.951	0.289	5.1	0.4090	0.0000	SURCHARGED
180 minute summer	S19	232	185.951	0.460	9.7	0.6303	0.0000	SURCHARGED
180 minute summer	S20	96	184.677	0.035	1.4	0.0422	0.0000	OK
180 minute summer	S21	96	184.516	0.057	3.3	0.0680	0.0000	OK
180 minute summer	S22	100	184.385	0.099	7.1	0.1211	0.0000	OK
180 minute summer	S23	100	184.277	0.119	9.7	0.1404	0.0000	OK
180 minute summer	S24	100	184.130	0.153	20.7	0.2217	0.0000	OK
180 minute summer	S25	100	184.058	0.132	21.7	0.1496	0.0000	OK
180 minute summer	S26	96	185.402	0.025	1.1	0.0297	0.0000	OK
180 minute summer	FC1	108	188.871	0.621	1.2	0.8488	0.0000	SURCHARGED
180 minute summer	FC2	108	188.771	0.621	1.2	0.8510	0.0000	SURCHARGED
180 minute summer	FC3	112	188.862	0.662	2.0	1.9742	0.0000	SURCHARGED
180 minute summer	FC4	104	188.652	0.452	1.0	0.5834	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	S16	32.015	J38	17.9	1.009	0.122	0.0412
180 minute summer	S17	23.001	J20	0.4	0.347	0.061	0.0099
180 minute summer	S18	23.006	J24	5.1	0.550	0.374	0.0323
180 minute summer	S19	23.010	J27	9.7	0.596	0.324	0.3541
180 minute summer	S20	48.001	J41	1.4	0.583	0.233	0.0110
180 minute summer	S21	48.004	J43	3.3	0.740	0.555	0.0226
180 minute summer	S22	48.008	J46	7.1	0.583	0.529	0.0298
180 minute summer	S23	48.011	J48	9.7	0.472	0.314	0.0234
180 minute summer	S24	48.018	J56	20.8	0.592	0.388	0.1488
180 minute summer	S25	48.021	BASIN 4	21.7	0.806	0.394	0.0861
180 minute summer	S26	65.001	J54	1.1	0.749	0.126	0.0125
180 minute summer	FC1	2.000	J1	0.8	0.438	0.126	0.0123
180 minute summer	FC2	3.000	J2	0.8	0.280	0.132	0.0181
180 minute summer	FC3	4.000	J3	0.8	0.550	0.127	0.0138
180 minute summer	FC4	5.000	J4	0.7	0.586	0.088	0.0083

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC5	108	188.621	0.621	1.2	0.8506	0.0000	SURCHARGED
180 minute summer	FC6	104	188.301	0.451	1.0	0.5822	0.0000	SURCHARGED
180 minute summer	FC7	104	188.202	0.452	1.0	0.5838	0.0000	SURCHARGED
180 minute summer	FC8	108	188.371	0.621	1.2	0.8441	0.0000	SURCHARGED
180 minute summer	FC9	104	187.924	0.454	1.0	0.5860	0.0000	SURCHARGED
180 minute summer	FC10	112	188.121	0.651	1.7	1.5418	0.0000	SURCHARGED
180 minute summer	FC11	104	187.850	0.530	1.1	0.6946	0.0000	SURCHARGED
180 minute summer	FC12	104	187.760	0.530	1.1	0.6946	0.0000	SURCHARGED
180 minute summer	FC13	108	187.622	0.621	1.2	0.8501	0.0000	SURCHARGED
180 minute summer	FC14	116	187.053	0.153	1.2	1.9510	0.0000	SURCHARGED
180 minute summer	FC15	104	187.648	0.448	1.0	0.5778	0.0000	SURCHARGED
180 minute summer	FC16	104	187.353	0.453	1.0	0.5850	0.0000	SURCHARGED
180 minute summer	FC17	104	187.449	0.449	1.0	0.5795	0.0000	SURCHARGED
180 minute summer	FC18	104	187.004	0.454	1.0	0.5861	0.0000	SURCHARGED
180 minute summer	FC19	108	187.022	0.621	1.2	0.8502	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC5	6.000	J5	0.8	0.509	0.132	0.0064
180 minute summer	FC6	7.000	J6	0.7	0.645	0.076	0.0076
180 minute summer	FC7	8.000	J7	0.7	0.543	0.093	0.0111
180 minute summer	FC8	9.000	J8	0.8	0.724	0.081	0.0045
180 minute summer	FC9	10.000	J9	0.7	0.493	0.111	0.0097
180 minute summer	FC10	11.000	J10	0.8	0.561	0.121	0.0089
180 minute summer	FC11	12.000	J11	0.7	0.503	0.122	0.0111
180 minute summer	FC12	13.000	S2	0.7	0.502	0.121	0.0098
180 minute summer	FC13	14.000	J12	0.8	0.515	0.132	0.0104
180 minute summer	FC14	15.000	J13	0.4	0.418	0.063	0.0067
180 minute summer	FC15	16.000	J14	0.7	1.047	0.038	0.0030
180 minute summer	FC16	17.000	J15	0.7	0.524	0.102	0.0096
180 minute summer	FC17	18.000	J16	0.7	0.832	0.053	0.0039
180 minute summer	FC18	19.000	J17	0.7	0.491	0.112	0.0095
180 minute summer	FC19	20.000	S3	0.8	0.513	0.132	0.0101

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC20	108	187.571	0.621	1.2	0.8397	0.0000	SURCHARGED
180 minute summer	FC21	108	186.921	0.621	1.2	0.8502	0.0000	SURCHARGED
180 minute summer	FC22	112	186.588	0.138	1.0	1.3438	0.0000	SURCHARGED
180 minute summer	FC23	104	186.754	0.454	1.0	0.5856	0.0000	SURCHARGED
180 minute summer	FC24	108	186.921	0.621	1.2	0.8472	0.0000	SURCHARGED
180 minute summer	FC25	108	187.171	0.621	1.2	0.8398	0.0000	SURCHARGED
180 minute summer	FC26	112	186.585	0.135	1.0	1.3609	0.0000	SURCHARGED
180 minute summer	FC27	104	186.947	0.447	1.0	0.5776	0.0000	SURCHARGED
180 minute summer	FC28	108	187.121	0.621	1.2	0.8398	0.0000	SURCHARGED
180 minute summer	FC29	108	187.130	0.630	1.4	1.0019	0.0000	SURCHARGED
180 minute summer	FC30	108	187.371	0.621	1.2	0.8404	0.0000	SURCHARGED
180 minute summer	FC31	104	186.901	0.450	1.0	0.5815	0.0000	SURCHARGED
180 minute summer	FC32	104	186.899	0.449	1.0	0.5792	0.0000	SURCHARGED
180 minute summer	FC33	108	187.071	0.621	1.2	0.8404	0.0000	SURCHARGED
180 minute summer	FC34	108	187.071	0.621	1.2	0.8498	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC20	21.000	J18	0.8	1.038	0.049	0.0033
180 minute summer	FC21	22.000	J19	0.8	0.514	0.132	0.0116
180 minute summer	FC22	23.000	S17	0.4	0.592	0.019	0.0030
180 minute summer	FC23	24.000	J20	0.7	0.510	0.105	0.0060
180 minute summer	FC24	25.000	J21	0.8	0.600	0.105	0.0060
180 minute summer	FC25	26.000	J22	0.8	1.030	0.050	0.0036
180 minute summer	FC26	27.000	J23	0.4	0.720	0.027	0.0023
180 minute summer	FC27	28.000	J24	0.7	1.081	0.037	0.0028
180 minute summer	FC28	29.000	J25	0.8	1.036	0.049	0.0033
180 minute summer	FC29	30.000	J26	0.8	1.009	0.052	0.0037
180 minute summer	FC30	31.000	J27	0.8	0.965	0.054	0.0036
180 minute summer	FC31	33.000	J28	0.7	0.356	0.074	0.0125
180 minute summer	FC32	34.000	J29	0.7	0.299	0.053	0.0135
180 minute summer	FC33	35.000	S12	0.8	0.948	0.055	0.0042
180 minute summer	FC34	36.000	J30	0.8	0.527	0.126	0.0071

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC35	108	187.071	0.621	1.2	0.8403	0.0000	SURCHARGED
180 minute summer	FC36	108	187.079	0.629	1.4	1.0016	0.0000	SURCHARGED
180 minute summer	FC37	112	186.445	0.645	1.6	1.3338	0.0000	SURCHARGED
180 minute summer	FC38	116	185.570	0.119	1.0	1.4372	0.0000	SURCHARGED
180 minute summer	FC39	104	185.898	0.448	1.0	0.5787	0.0000	SURCHARGED
180 minute summer	FC40	108	186.076	0.576	1.2	0.8518	0.0000	SURCHARGED
180 minute summer	FC41	108	185.471	0.621	1.2	0.8432	0.0000	SURCHARGED
180 minute summer	FC42	108	185.221	0.621	1.2	0.8454	0.0000	SURCHARGED
180 minute summer	FC43	108	185.220	0.620	1.2	0.8432	0.0000	SURCHARGED
180 minute summer	FC44	96	184.621	0.021	1.0	0.0271	0.0000	OK
180 minute summer	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
180 minute summer	FC46	112	185.351	0.651	1.7	1.5433	0.0000	SURCHARGED
180 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute summer	FC48	108	185.421	0.621	1.2	0.8403	0.0000	SURCHARGED
180 minute summer	FC49	108	185.421	0.621	1.2	0.8505	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC35	37.000	J31	0.8	0.942	0.055	0.0067
180 minute summer	FC36	38.000	J32	0.8	1.014	0.050	0.0068
180 minute summer	FC37	39.000	J33	0.8	0.689	0.090	0.0076
180 minute summer	FC38	40.000	J34	0.3	0.678	0.026	0.0023
180 minute summer	FC39	41.000	J35	0.7	0.918	0.046	0.0032
180 minute summer	FC40	42.000	J36	0.8	1.166	0.040	0.0033
180 minute summer	FC41	43.000	J37	0.8	0.768	0.075	0.0051
180 minute summer	FC42	44.000	J38	0.8	0.669	0.091	0.0058
180 minute summer	FC43	45.000	J39	0.8	0.782	0.072	0.0043
180 minute summer	FC44	46.000	J40	1.0	0.861	0.089	0.0051
180 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
180 minute summer	FC46	48.000	S20	0.8	0.483	0.135	0.0117
180 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0062
180 minute summer	FC48	50.000	J42	0.8	0.446	0.056	0.0096
180 minute summer	FC49	51.000	S21	0.8	0.510	0.132	0.0067

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC50	108	185.421	0.621	1.2	0.8505	0.0000	SURCHARGED
180 minute summer	FC51	108	185.471	0.621	1.2	0.8503	0.0000	SURCHARGED
180 minute summer	FC52	108	185.885	0.635	1.5	1.1488	0.0000	SURCHARGED
180 minute summer	FC53	108	185.871	0.621	1.2	0.8446	0.0000	SURCHARGED
180 minute summer	FC54	104	185.700	0.450	1.0	0.5806	0.0000	SURCHARGED
180 minute summer	FC55	104	185.698	0.448	1.0	0.5785	0.0000	SURCHARGED
180 minute summer	FC56	108	185.971	0.621	1.2	0.8399	0.0000	SURCHARGED
180 minute summer	FC57	108	185.971	0.621	1.2	0.8405	0.0000	SURCHARGED
180 minute summer	FC58	104	185.799	0.449	1.0	0.5791	0.0000	SURCHARGED
180 minute summer	FC59	104	185.799	0.449	1.0	0.5797	0.0000	SURCHARGED
180 minute summer	FC60	108	185.971	0.621	1.2	0.8420	0.0000	SURCHARGED
180 minute summer	FC61	108	185.921	0.621	1.2	0.8451	0.0000	SURCHARGED
180 minute summer	FC62	112	185.907	0.657	1.9	1.7420	0.0000	SURCHARGED
180 minute summer	FC63	104	185.855	0.455	1.0	0.5869	0.0000	SURCHARGED
180 minute summer	FC64	108	185.637	0.637	1.2	0.8472	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC50	52.000	J43	0.8	0.510	0.132	0.0072
180 minute summer	FC51	55.000	S22	0.8	0.513	0.132	0.0094
180 minute summer	FC52	58.000	S23	0.8	0.750	0.079	0.0058
180 minute summer	FC53	61.000	J50	0.8	0.702	0.084	0.0048
180 minute summer	FC54	62.000	J51	0.7	0.743	0.062	0.0036
180 minute summer	FC55	64.000	J53	0.7	0.939	0.044	0.0029
180 minute summer	FC56	53.000	J44	0.8	1.018	0.051	0.0051
180 minute summer	FC57	54.000	J45	0.8	0.954	0.055	0.0053
180 minute summer	FC58	56.000	J46	0.7	0.875	0.050	0.0047
180 minute summer	FC59	57.000	J47	0.7	0.810	0.055	0.0053
180 minute summer	FC60	59.000	J48	0.8	0.841	0.066	0.0062
180 minute summer	FC61	60.000	J49	0.8	0.674	0.091	0.0086
180 minute summer	FC62	63.000	J52	0.8	0.626	0.105	0.0121
180 minute summer	FC63	65.000	S26	0.7	0.485	0.112	0.0035
180 minute summer	FC64	66.000	J54	0.8	0.353	0.134	0.0052

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC65	108	185.771	0.621	1.2	0.8385	0.0000	SURCHARGED
180 minute summer	FC66	108	185.621	0.621	1.2	0.8485	0.0000	SURCHARGED
180 minute summer	FC67	116	184.934	0.134	1.0	1.3854	0.0000	SURCHARGED
180 minute summer	FC68	104	185.001	0.451	1.0	0.5825	0.0000	SURCHARGED
180 minute summer	J1	96	188.249	0.049	3.5	0.0665	0.0000	OK
180 minute summer	J2	96	188.179	0.073	4.2	0.0823	0.0000	OK
180 minute summer	J3	96	188.110	0.064	5.0	0.0723	0.0000	OK
180 minute summer	J4	96	188.081	0.046	5.6	0.0521	0.0000	OK
180 minute summer	J5	96	187.951	0.041	6.3	0.0465	0.0000	OK
180 minute summer	J6	100	187.716	0.066	6.9	0.0741	0.0000	OK
180 minute summer	J7	100	187.679	0.079	7.6	0.0896	0.0000	OK
180 minute summer	J8	100	187.651	0.057	8.3	0.0650	0.0000	OK
180 minute summer	J9	100	187.354	0.079	9.0	0.0892	0.0000	OK
180 minute summer	J10	100	187.316	0.046	9.8	0.0525	0.0000	OK
180 minute summer	J11	100	187.189	0.068	10.5	0.0768	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC65	67.000	J55	0.8	0.386	0.042	0.0049
180 minute summer	FC66	68.000	S24	0.8	0.572	0.109	0.0029
180 minute summer	FC67	69.000	J56	0.3	0.398	0.059	0.0018
180 minute summer	FC68	70.000	J57	0.7	0.642	0.074	0.0024
180 minute summer	J1	1.001	J2	3.5	0.706	0.422	0.0249
180 minute summer	J2	1.002	J3	4.2	0.747	0.708	0.0058
180 minute summer	J3	1.003	J4	5.0	0.852	0.375	0.0114
180 minute summer	J4	1.004	J5	5.6	1.313	0.166	0.0150
180 minute summer	J5	1.005	J6	6.3	1.124	0.164	0.0321
180 minute summer	J6	1.006	J7	6.9	0.824	0.243	0.0165
180 minute summer	J7	1.007	J8	7.6	0.968	0.542	0.0088
180 minute summer	J8	1.008	J9	8.3	1.402	0.275	0.0503
180 minute summer	J9	1.009	J10	9.0	0.995	0.269	0.0110
180 minute summer	J10	1.010	J11	9.8	1.239	0.076	0.0195
180 minute summer	J11	1.011	S2	10.5	0.711	0.163	0.0796

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J12	100	186.885	0.076	14.1	0.0856	0.0000	OK
180 minute summer	J13	100	186.837	0.135	14.5	0.1530	0.0000	OK
180 minute summer	J14	100	186.823	0.128	15.1	0.1442	0.0000	OK
180 minute summer	J15	100	186.802	0.114	15.8	0.1287	0.0000	OK
180 minute summer	J16	100	186.764	0.094	16.4	0.1061	0.0000	OK
180 minute summer	J17	100	186.424	0.066	17.1	0.0747	0.0000	OK
180 minute summer	J18	100	186.275	0.081	20.0	0.0913	0.0000	OK
180 minute summer	J19	100	186.156	0.129	20.8	0.1463	0.0000	OK
180 minute summer	J20	108	185.960	0.029	1.0	0.0332	0.0000	OK
180 minute summer	J21	212	185.949	0.054	1.8	0.0613	0.0000	OK
180 minute summer	J22	212	185.950	0.132	2.6	0.1495	0.0000	SURCHARGED
180 minute summer	J23	212	185.950	0.167	2.9	0.1892	0.0000	SURCHARGED
180 minute summer	J24	212	185.950	0.300	5.7	0.3398	0.0000	SURCHARGED
180 minute summer	J25	212	185.950	0.335	6.4	0.3785	0.0000	SURCHARGED
180 minute summer	J26	212	185.950	0.363	7.2	0.4104	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J12	1.013	J13	14.1	0.776	0.211	0.1185
180 minute summer	J13	1.014	J14	14.5	0.602	0.461	0.0456
180 minute summer	J14	1.015	J15	15.1	0.699	0.485	0.0415
180 minute summer	J15	1.016	J16	15.8	0.883	0.516	0.0917
180 minute summer	J16	1.017	J17	16.4	1.165	0.273	0.0475
180 minute summer	J17	1.018	S3	17.1	1.114	0.117	0.0292
180 minute summer	J18	1.020	J19	20.0	1.900	0.154	0.0158
180 minute summer	J19	1.021	S4	20.8	0.795	0.377	0.1151
180 minute summer	J20	23.002	J21	1.0	0.439	0.172	0.0102
180 minute summer	J21	23.003	J22	1.8	0.532	0.304	0.0487
180 minute summer	J22	23.004	J23	2.6	0.630	0.433	0.0281
180 minute summer	J23	23.005	S18	2.9	0.729	0.495	0.0587
180 minute summer	J24	23.007	J25	5.7	0.590	0.430	0.1088
180 minute summer	J25	23.008	J26	6.4	0.616	0.484	0.0874
180 minute summer	J26	23.009	S19	7.2	0.726	0.542	0.0652

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J27	212	185.963	0.502	10.4	0.5676	0.0000	SURCHARGED
180 minute summer	J28	96	186.417	0.061	3.7	0.0685	0.0000	OK
180 minute summer	J29	96	186.340	0.069	4.3	0.0782	0.0000	OK
180 minute summer	J30	96	186.225	0.078	5.7	0.0878	0.0000	OK
180 minute summer	J31	100	186.198	0.078	6.4	0.0888	0.0000	OK
180 minute summer	J32	100	186.144	0.080	7.2	0.0902	0.0000	OK
180 minute summer	J33	96	185.664	0.054	10.0	0.0614	0.0000	OK
180 minute summer	J34	96	185.218	0.093	13.1	0.1051	0.0000	OK
180 minute summer	J35	96	185.137	0.062	13.7	0.0702	0.0000	OK
180 minute summer	J36	96	184.978	0.103	14.4	0.1160	0.0000	OK
180 minute summer	J37	96	184.684	0.109	17.0	0.1234	0.0000	OK
180 minute summer	J38	96	184.516	0.141	18.6	0.1600	0.0000	OK
180 minute summer	J39	96	184.476	0.137	19.3	0.1555	0.0000	OK
180 minute summer	J40	96	184.443	0.118	20.2	0.1329	0.0000	OK
180 minute summer	J41	96	184.631	0.034	1.4	0.0385	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J27	23.011	S4	10.4	0.701	0.348	0.0951
180 minute summer	J28	32.001	J29	3.7	0.689	0.625	0.0474
180 minute summer	J29	32.002	S12	4.3	0.783	0.724	0.0255
180 minute summer	J30	32.004	J31	5.7	0.614	0.428	0.0460
180 minute summer	J31	32.005	J32	6.4	0.679	0.481	0.0917
180 minute summer	J32	32.006	S13	7.2	0.923	0.541	0.0415
180 minute summer	J33	32.008	S14	10.0	1.041	0.280	0.0878
180 minute summer	J34	32.010	J35	13.1	1.082	0.339	0.1098
180 minute summer	J35	32.011	J36	13.7	1.042	0.154	0.0910
180 minute summer	J36	32.012	S15	14.2	1.117	0.475	0.0318
180 minute summer	J37	32.014	S16	16.9	1.196	0.556	0.0740
180 minute summer	J38	32.016	J39	18.6	0.718	0.615	0.2795
180 minute summer	J39	32.017	J40	19.2	0.829	0.624	0.0847
180 minute summer	J40	32.018	S10	20.2	1.018	0.468	0.1895
180 minute summer	J41	48.002	J42	1.4	0.517	0.234	0.0167

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J42	96	184.578	0.041	2.1	0.0465	0.0000	OK
180 minute summer	J43	100	184.428	0.068	4.0	0.0767	0.0000	OK
180 minute summer	J44	100	184.415	0.065	4.8	0.0737	0.0000	OK
180 minute summer	J45	100	184.393	0.093	5.5	0.1055	0.0000	OK
180 minute summer	J46	100	184.370	0.098	7.8	0.1104	0.0000	OK
180 minute summer	J47	100	184.345	0.097	8.4	0.1098	0.0000	OK
180 minute summer	J48	100	184.269	0.115	10.5	0.1301	0.0000	OK
180 minute summer	J49	100	184.257	0.128	11.2	0.1452	0.0000	OK
180 minute summer	J50	104	184.249	0.124	12.0	0.1400	0.0000	OK
180 minute summer	J51	104	184.236	0.128	12.6	0.1444	0.0000	OK
180 minute summer	J52	104	184.223	0.119	13.4	0.1350	0.0000	OK
180 minute summer	J53	104	184.200	0.113	14.1	0.1276	0.0000	OK
180 minute summer	J54	100	185.021	0.042	1.8	0.0472	0.0000	OK
180 minute summer	J55	100	184.993	0.049	2.6	0.0549	0.0000	OK
180 minute summer	J56	100	184.113	0.146	21.1	0.1655	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J42	48.003	S21	2.1	0.545	0.355	0.0314
180 minute summer	J43	48.005	J44	4.0	0.537	0.287	0.0121
180 minute summer	J44	48.006	J45	4.8	0.507	0.358	0.0827
180 minute summer	J45	48.007	S22	5.5	0.476	0.408	0.0284
180 minute summer	J46	48.009	J47	7.8	0.641	0.581	0.0510
180 minute summer	J47	48.010	S23	8.4	0.754	0.630	0.0294
180 minute summer	J48	48.012	J49	10.4	0.480	0.349	0.1631
180 minute summer	J49	48.013	J50	11.2	0.489	0.365	0.0260
180 minute summer	J50	48.014	J51	11.9	0.525	0.400	0.1157
180 minute summer	J51	48.015	J52	12.6	0.565	0.411	0.0253
180 minute summer	J52	48.016	J53	13.4	0.650	0.440	0.1006
180 minute summer	J53	48.017	S24	14.1	0.774	0.467	0.1866
180 minute summer	J54	65.002	J55	1.8	0.533	0.307	0.0125
180 minute summer	J55	65.003	S24	2.6	0.706	0.437	0.0287
180 minute summer	J56	48.019	J57	21.1	0.626	0.389	0.3061

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Results for 100 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J57	100	184.089	0.143	21.7	0.1623	0.0000	OK
180 minute summer	BASIN 1	200	185.934	0.934	31.6	122.1746	0.0000	SURCHARGED
180 minute summer	BASIN 2	420	184.547	0.247	1.4	22.8134	0.0000	OK
180 minute summer	BASIN 3	228	183.221	0.121	22.8	84.6233	0.0000	OK
180 minute summer	BASIN 4	228	183.984	0.654	21.7	92.6186	0.0000	SURCHARGED
180 minute summer	SWALE 1	200	184.965	0.033	1.4	0.0371	0.0000	OK
180 minute summer	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWALE 3	96	184.191	0.121	23.1	0.1370	0.0000	OK
180 minute summer	BH1	420	184.547	0.470	0.9	2.1642	0.0000	OK
180 minute summer	BH2	232	183.222	0.170	3.7	2.4488	0.0000	OK
180 minute summer	BH3	228	183.984	0.678	2.4	4.7710	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J57	48.020	S25	21.7	0.688	0.402	0.2501
180 minute summer	BASIN 1	1.023	S5	1.4	0.180	0.026	0.6013
180 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
180 minute summer	BASIN 2	71.000	BH1	0.9	0.448	0.159	0.1829
180 minute summer	BASIN 3	1.034	BH2	3.7	0.361	0.045	1.0688
180 minute summer	BASIN 4	48.022	BH3	2.4	0.513	0.045	0.7181
180 minute summer	SWALE 1	1.025	S6	1.4	0.323	0.025	0.1584
180 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
180 minute summer	SWALE 3	1.033	BASIN 3	22.8	0.888	0.329	1.1128
180 minute summer	BH1	Infiltration		0.1			
180 minute summer	BH2	Infiltration		0.2			
180 minute summer	BH3	Infiltration		0.2			

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S1	96	188.394	0.024	1.1	0.0325	0.0000	OK
180 minute winter	S2	100	187.145	0.106	12.2	0.1561	0.0000	OK
180 minute winter	S3	100	186.325	0.113	17.6	0.1472	0.0000	OK
180 minute winter	S4	200	186.041	0.663	29.0	0.7881	0.0000	SURCHARGED
180 minute winter	S5	200	186.041	1.061	1.5	1.1998	0.0000	SURCHARGED
180 minute winter	S6	204	184.878	0.034	1.4	0.0387	0.0000	OK
180 minute winter	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
180 minute winter	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
180 minute winter	S9	100	184.263	0.063	0.1	0.0714	0.0000	OK
180 minute winter	S10	100	184.263	0.079	19.8	0.1207	0.0000	OK
180 minute winter	S11	96	186.448	0.048	2.4	0.0788	0.0000	OK
180 minute winter	S12	100	186.242	0.065	4.3	0.0741	0.0000	OK
180 minute winter	S13	100	186.088	0.054	8.1	0.0761	0.0000	OK
180 minute winter	S14	100	185.347	0.097	11.0	0.1520	0.0000	OK
180 minute winter	S15	100	184.926	0.059	13.8	0.0823	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	S1	1.000	J1	1.1	0.479	0.126	0.0193
180 minute winter	S2	1.012	J12	12.2	0.733	0.409	0.0249
180 minute winter	S3	1.019	J18	17.6	1.109	0.576	0.0818
180 minute winter	S4	1.022	BASIN 1	28.3	1.532	0.169	1.1778
180 minute winter	S5	1.024	SWALE 1	1.4	0.329	0.027	0.0883
180 minute winter	S6	1.026	BASIN 2	1.4	0.373	0.026	0.0220
180 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
180 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0646
180 minute winter	S9	1.031	S10	-0.1	-0.045	-0.001	0.0854
180 minute winter	S10	1.032	SWALE 3	19.8	1.030	0.110	0.0844
180 minute winter	S11	32.000	J28	2.4	0.609	0.404	0.0179
180 minute winter	S12	32.003	J30	4.3	0.547	0.320	0.0399
180 minute winter	S13	32.007	J33	8.1	1.482	0.251	0.0711
180 minute winter	S14	32.009	J34	11.0	0.975	0.634	0.0590
180 minute winter	S15	32.013	J37	14.0	1.106	0.152	0.1194

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S16	100	184.615	0.058	15.4	0.0734	0.0000	OK
180 minute winter	S17	196	186.048	0.048	0.4	0.0540	0.0000	OK
180 minute winter	S18	208	186.046	0.385	4.6	0.5436	0.0000	SURCHARGED
180 minute winter	S19	204	186.043	0.552	8.6	0.7564	0.0000	SURCHARGED
180 minute winter	S20	100	184.675	0.033	1.3	0.0406	0.0000	OK
180 minute winter	S21	100	184.515	0.056	3.1	0.0660	0.0000	OK
180 minute winter	S22	104	184.382	0.095	6.7	0.1166	0.0000	OK
180 minute winter	S23	104	184.273	0.115	9.2	0.1356	0.0000	OK
180 minute winter	S24	104	184.123	0.146	19.4	0.2126	0.0000	OK
180 minute winter	S25	232	184.062	0.136	20.3	0.1542	0.0000	OK
180 minute winter	S26	100	185.401	0.024	1.0	0.0284	0.0000	OK
180 minute winter	FC1	108	188.837	0.587	1.0	0.7809	0.0000	SURCHARGED
180 minute winter	FC2	108	188.737	0.587	1.0	0.7814	0.0000	SURCHARGED
180 minute winter	FC3	120	188.863	0.663	1.5	2.0157	0.0000	SURCHARGED
180 minute winter	FC4	108	188.605	0.405	0.8	0.5231	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	S16	32.015	J38	15.4	0.991	0.105	0.0365
180 minute winter	S17	23.001	J20	0.5	0.324	0.079	0.0412
180 minute winter	S18	23.006	J24	4.6	0.536	0.335	0.0323
180 minute winter	S19	23.010	J27	8.6	0.575	0.287	0.3541
180 minute winter	S20	48.001	J41	1.3	0.574	0.217	0.0104
180 minute winter	S21	48.004	J43	3.1	0.732	0.529	0.0218
180 minute winter	S22	48.008	J46	6.7	0.575	0.502	0.0285
180 minute winter	S23	48.011	J48	9.2	0.465	0.298	0.0224
180 minute winter	S24	48.018	J56	19.4	0.583	0.362	0.1411
180 minute winter	S25	48.021	BASIN 4	20.3	0.790	0.368	0.1032
180 minute winter	S26	65.001	J54	1.0	0.731	0.115	0.0117
180 minute winter	FC1	2.000	J1	0.8	0.418	0.122	0.0109
180 minute winter	FC2	3.000	J2	0.8	0.269	0.127	0.0153
180 minute winter	FC3	4.000	J3	0.8	0.550	0.127	0.0138
180 minute winter	FC4	5.000	J4	0.6	0.577	0.083	0.0080

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC5	108	188.588	0.588	1.0	0.7824	0.0000	SURCHARGED
180 minute winter	FC6	108	188.254	0.404	0.8	0.5217	0.0000	SURCHARGED
180 minute winter	FC7	108	188.156	0.406	0.8	0.5235	0.0000	SURCHARGED
180 minute winter	FC8	108	188.333	0.583	1.0	0.7765	0.0000	SURCHARGED
180 minute winter	FC9	108	187.877	0.407	0.8	0.5259	0.0000	SURCHARGED
180 minute winter	FC10	120	188.119	0.649	1.3	1.4917	0.0000	SURCHARGED
180 minute winter	FC11	108	187.815	0.495	0.9	0.6487	0.0000	SURCHARGED
180 minute winter	FC12	108	187.725	0.495	0.9	0.6487	0.0000	SURCHARGED
180 minute winter	FC13	108	187.588	0.588	1.0	0.7820	0.0000	SURCHARGED
180 minute winter	FC14	128	187.068	0.168	1.0	2.1474	0.0000	SURCHARGED
180 minute winter	FC15	108	187.600	0.400	0.8	0.5164	0.0000	SURCHARGED
180 minute winter	FC16	108	187.307	0.407	0.8	0.5249	0.0000	SURCHARGED
180 minute winter	FC17	108	187.402	0.402	0.8	0.5186	0.0000	SURCHARGED
180 minute winter	FC18	108	186.957	0.407	0.8	0.5260	0.0000	SURCHARGED
180 minute winter	FC19	108	186.988	0.588	1.0	0.7821	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC5	6.000	J5	0.8	0.505	0.128	0.0062
180 minute winter	FC6	7.000	J6	0.6	0.634	0.072	0.0073
180 minute winter	FC7	8.000	J7	0.6	0.534	0.088	0.0095
180 minute winter	FC8	9.000	J8	0.8	0.718	0.078	0.0044
180 minute winter	FC9	10.000	J9	0.6	0.486	0.106	0.0093
180 minute winter	FC10	11.000	J10	0.8	0.560	0.120	0.0089
180 minute winter	FC11	12.000	J11	0.7	0.498	0.118	0.0108
180 minute winter	FC12	13.000	S2	0.7	0.497	0.117	0.0096
180 minute winter	FC13	14.000	J12	0.8	0.511	0.128	0.0101
180 minute winter	FC14	15.000	J13	0.4	0.424	0.066	0.0070
180 minute winter	FC15	16.000	J14	0.6	1.030	0.036	0.0029
180 minute winter	FC16	17.000	J15	0.6	0.516	0.097	0.0092
180 minute winter	FC17	18.000	J16	0.6	0.819	0.050	0.0037
180 minute winter	FC18	19.000	J17	0.6	0.484	0.106	0.0091
180 minute winter	FC19	20.000	S3	0.8	0.509	0.129	0.0098

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC20	108	187.530	0.580	1.0	0.7721	0.0000	SURCHARGED
180 minute winter	FC21	108	186.888	0.588	1.0	0.7821	0.0000	SURCHARGED
180 minute winter	FC22	124	186.599	0.149	0.8	1.4500	0.0000	SURCHARGED
180 minute winter	FC23	108	186.707	0.407	0.8	0.5255	0.0000	SURCHARGED
180 minute winter	FC24	108	186.886	0.586	1.0	0.7794	0.0000	SURCHARGED
180 minute winter	FC25	108	187.130	0.580	1.0	0.7722	0.0000	SURCHARGED
180 minute winter	FC26	124	186.596	0.146	0.8	1.4729	0.0000	SURCHARGED
180 minute winter	FC27	108	186.900	0.400	0.8	0.5162	0.0000	SURCHARGED
180 minute winter	FC28	108	187.080	0.580	1.0	0.7721	0.0000	SURCHARGED
180 minute winter	FC29	112	187.124	0.624	1.1	0.9063	0.0000	SURCHARGED
180 minute winter	FC30	108	187.331	0.581	1.0	0.7728	0.0000	SURCHARGED
180 minute winter	FC31	108	186.854	0.404	0.8	0.5210	0.0000	SURCHARGED
180 minute winter	FC32	108	186.851	0.401	0.8	0.5182	0.0000	SURCHARGED
180 minute winter	FC33	108	187.031	0.581	1.0	0.7730	0.0000	SURCHARGED
180 minute winter	FC34	108	187.037	0.587	1.0	0.7817	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC20	21.000	J18	0.8	1.027	0.047	0.0032
180 minute winter	FC21	22.000	J19	0.8	0.510	0.129	0.0114
180 minute winter	FC22	23.000	S17	0.4	0.598	0.020	0.0095
180 minute winter	FC23	24.000	J20	0.6	0.503	0.099	0.0057
180 minute winter	FC24	25.000	J21	0.8	0.596	0.102	0.0059
180 minute winter	FC25	26.000	J22	0.8	1.020	0.048	0.0035
180 minute winter	FC26	27.000	J23	0.4	0.729	0.028	0.0023
180 minute winter	FC27	28.000	J24	0.6	1.063	0.035	0.0027
180 minute winter	FC28	29.000	J25	0.8	1.025	0.047	0.0032
180 minute winter	FC29	30.000	J26	0.8	1.008	0.051	0.0037
180 minute winter	FC30	31.000	J27	0.8	0.956	0.052	0.0035
180 minute winter	FC31	33.000	J28	0.6	0.335	0.070	0.0108
180 minute winter	FC32	34.000	J29	0.6	0.285	0.050	0.0118
180 minute winter	FC33	35.000	S12	0.8	0.939	0.053	0.0033
180 minute winter	FC34	36.000	J30	0.8	0.523	0.123	0.0069

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC35	108	187.031	0.581	1.0	0.7727	0.0000	SURCHARGED
180 minute winter	FC36	112	187.074	0.624	1.1	0.9057	0.0000	SURCHARGED
180 minute winter	FC37	116	186.440	0.639	1.2	1.2378	0.0000	SURCHARGED
180 minute winter	FC38	128	185.580	0.130	0.8	1.5679	0.0000	SURCHARGED
180 minute winter	FC39	108	185.851	0.401	0.8	0.5176	0.0000	SURCHARGED
180 minute winter	FC40	108	186.071	0.570	1.0	0.7715	0.0000	SURCHARGED
180 minute winter	FC41	108	185.433	0.583	1.0	0.7756	0.0000	SURCHARGED
180 minute winter	FC42	108	185.184	0.584	1.0	0.7776	0.0000	SURCHARGED
180 minute winter	FC43	108	185.183	0.583	1.0	0.7754	0.0000	SURCHARGED
180 minute winter	FC44	96	184.619	0.019	0.8	0.0242	0.0000	OK
180 minute winter	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
180 minute winter	FC46	120	185.349	0.649	1.3	1.4934	0.0000	SURCHARGED
180 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute winter	FC48	108	185.381	0.581	1.0	0.7727	0.0000	SURCHARGED
180 minute winter	FC49	108	185.388	0.588	1.0	0.7824	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC35	37.000	J31	0.8	0.925	0.053	0.0055
180 minute winter	FC36	38.000	J32	0.8	1.009	0.050	0.0058
180 minute winter	FC37	39.000	J33	0.8	0.688	0.090	0.0076
180 minute winter	FC38	40.000	J34	0.3	0.688	0.028	0.0024
180 minute winter	FC39	41.000	J35	0.6	0.903	0.043	0.0031
180 minute winter	FC40	42.000	J36	0.8	1.165	0.039	0.0033
180 minute winter	FC41	43.000	J37	0.8	0.761	0.072	0.0050
180 minute winter	FC42	44.000	J38	0.8	0.663	0.088	0.0056
180 minute winter	FC43	45.000	J39	0.8	0.775	0.070	0.0042
180 minute winter	FC44	46.000	J40	0.8	0.809	0.071	0.0043
180 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
180 minute winter	FC46	48.000	S20	0.8	0.482	0.134	0.0113
180 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0059
180 minute winter	FC48	50.000	J42	0.8	0.473	0.054	0.0093
180 minute winter	FC49	51.000	S21	0.8	0.506	0.128	0.0065

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC50	108	185.388	0.588	1.0	0.7823	0.0000	SURCHARGED
180 minute winter	FC51	108	185.438	0.588	1.0	0.7822	0.0000	SURCHARGED
180 minute winter	FC52	112	185.878	0.628	1.1	1.0054	0.0000	SURCHARGED
180 minute winter	FC53	108	185.834	0.584	1.0	0.7769	0.0000	SURCHARGED
180 minute winter	FC54	108	185.653	0.403	0.8	0.5200	0.0000	SURCHARGED
180 minute winter	FC55	108	185.651	0.401	0.8	0.5174	0.0000	SURCHARGED
180 minute winter	FC56	108	185.930	0.580	1.0	0.7722	0.0000	SURCHARGED
180 minute winter	FC57	108	185.931	0.581	1.0	0.7729	0.0000	SURCHARGED
180 minute winter	FC58	108	185.751	0.401	0.8	0.5181	0.0000	SURCHARGED
180 minute winter	FC59	108	185.752	0.402	0.8	0.5189	0.0000	SURCHARGED
180 minute winter	FC60	108	185.932	0.582	1.0	0.7744	0.0000	SURCHARGED
180 minute winter	FC61	108	185.884	0.584	1.0	0.7774	0.0000	SURCHARGED
180 minute winter	FC62	120	185.908	0.658	1.4	1.7580	0.0000	SURCHARGED
180 minute winter	FC63	108	185.808	0.408	0.8	0.5269	0.0000	SURCHARGED
180 minute winter	FC64	108	185.588	0.588	1.0	0.7823	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC50	52.000	J43	0.8	0.506	0.128	0.0070
180 minute winter	FC51	55.000	S22	0.8	0.509	0.128	0.0092
180 minute winter	FC52	58.000	S23	0.8	0.749	0.078	0.0057
180 minute winter	FC53	61.000	J50	0.8	0.696	0.082	0.0047
180 minute winter	FC54	62.000	J51	0.6	0.731	0.058	0.0034
180 minute winter	FC55	64.000	J53	0.6	0.923	0.042	0.0028
180 minute winter	FC56	53.000	J44	0.8	1.008	0.049	0.0050
180 minute winter	FC57	54.000	J45	0.8	0.945	0.054	0.0052
180 minute winter	FC58	56.000	J46	0.6	0.860	0.047	0.0045
180 minute winter	FC59	57.000	J47	0.6	0.798	0.052	0.0050
180 minute winter	FC60	59.000	J48	0.8	0.833	0.064	0.0060
180 minute winter	FC61	60.000	J49	0.8	0.668	0.088	0.0084
180 minute winter	FC62	63.000	J52	0.8	0.626	0.105	0.0121
180 minute winter	FC63	65.000	S26	0.6	0.478	0.106	0.0033
180 minute winter	FC64	66.000	J54	0.8	0.346	0.128	0.0049

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC65	108	185.729	0.579	1.0	0.7709	0.0000	SURCHARGED
180 minute winter	FC66	108	185.586	0.586	1.0	0.7805	0.0000	SURCHARGED
180 minute winter	FC67	124	184.946	0.146	0.8	1.5058	0.0000	SURCHARGED
180 minute winter	FC68	108	184.954	0.404	0.8	0.5221	0.0000	SURCHARGED
180 minute winter	J1	96	188.243	0.043	2.9	0.0587	0.0000	OK
180 minute winter	J2	96	188.171	0.065	3.6	0.0736	0.0000	OK
180 minute winter	J3	96	188.106	0.060	4.4	0.0674	0.0000	OK
180 minute winter	J4	96	188.078	0.043	4.9	0.0486	0.0000	OK
180 minute winter	J5	96	187.949	0.039	5.6	0.0440	0.0000	OK
180 minute winter	J6	100	187.711	0.061	6.2	0.0693	0.0000	OK
180 minute winter	J7	100	187.675	0.075	6.8	0.0848	0.0000	OK
180 minute winter	J8	100	187.648	0.054	7.6	0.0616	0.0000	OK
180 minute winter	J9	100	187.350	0.075	8.2	0.0851	0.0000	OK
180 minute winter	J10	100	187.314	0.044	9.0	0.0500	0.0000	OK
180 minute winter	J11	108	187.186	0.065	9.6	0.0733	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC65	67.000	J55	0.8	0.486	0.041	0.0047
180 minute winter	FC66	68.000	S24	0.8	0.567	0.105	0.0028
180 minute winter	FC67	69.000	J56	0.4	0.403	0.061	0.0019
180 minute winter	FC68	70.000	J57	0.6	0.632	0.070	0.0023
180 minute winter	J1	1.001	J2	2.9	0.667	0.348	0.0217
180 minute winter	J2	1.002	J3	3.6	0.722	0.604	0.0051
180 minute winter	J3	1.003	J4	4.4	0.821	0.328	0.0104
180 minute winter	J4	1.004	J5	4.9	1.270	0.147	0.0138
180 minute winter	J5	1.005	J6	5.6	1.098	0.147	0.0295
180 minute winter	J6	1.006	J7	6.2	0.804	0.219	0.0153
180 minute winter	J7	1.007	J8	6.9	0.942	0.492	0.0082
180 minute winter	J8	1.008	J9	7.6	1.369	0.251	0.0469
180 minute winter	J9	1.009	J10	8.2	0.973	0.245	0.0103
180 minute winter	J10	1.010	J11	9.0	1.217	0.070	0.0182
180 minute winter	J11	1.011	S2	9.6	0.704	0.150	0.0746

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J12	100	186.881	0.072	12.9	0.0810	0.0000	OK
180 minute winter	J13	100	186.830	0.128	13.3	0.1452	0.0000	OK
180 minute winter	J14	100	186.816	0.121	13.9	0.1371	0.0000	OK
180 minute winter	J15	100	186.796	0.108	14.5	0.1225	0.0000	OK
180 minute winter	J16	100	186.759	0.089	15.1	0.1010	0.0000	OK
180 minute winter	J17	100	186.420	0.062	15.7	0.0703	0.0000	OK
180 minute winter	J18	100	186.271	0.076	18.4	0.0865	0.0000	OK
180 minute winter	J19	100	186.151	0.124	19.1	0.1398	0.0000	OK
180 minute winter	J20	196	186.047	0.116	1.0	0.1312	0.0000	SURCHARGED
180 minute winter	J21	196	186.046	0.151	1.7	0.1710	0.0000	SURCHARGED
180 minute winter	J22	200	186.045	0.227	2.5	0.2568	0.0000	SURCHARGED
180 minute winter	J23	200	186.045	0.262	2.9	0.2965	0.0000	SURCHARGED
180 minute winter	J24	208	186.045	0.395	5.2	0.4468	0.0000	SURCHARGED
180 minute winter	J25	208	186.045	0.430	6.0	0.4864	0.0000	SURCHARGED
180 minute winter	J26	204	186.045	0.458	6.7	0.5176	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J12	1.013	J13	12.9	0.760	0.193	0.1107
180 minute winter	J13	1.014	J14	13.3	0.588	0.423	0.0428
180 minute winter	J14	1.015	J15	13.9	0.683	0.445	0.0390
180 minute winter	J15	1.016	J16	14.5	0.864	0.474	0.0860
180 minute winter	J16	1.017	J17	15.1	1.141	0.251	0.0445
180 minute winter	J17	1.018	S3	15.7	1.101	0.108	0.0273
180 minute winter	J18	1.020	J19	18.3	1.866	0.141	0.0147
180 minute winter	J19	1.021	S4	19.1	0.774	0.346	0.1084
180 minute winter	J20	23.002	J21	1.0	0.437	0.168	0.0295
180 minute winter	J21	23.003	J22	1.7	0.528	0.295	0.0627
180 minute winter	J22	23.004	J23	2.5	0.637	0.420	0.0281
180 minute winter	J23	23.005	S18	2.9	0.725	0.484	0.0587
180 minute winter	J24	23.007	J25	5.2	0.576	0.391	0.1088
180 minute winter	J25	23.008	J26	6.0	0.602	0.448	0.0874
180 minute winter	J26	23.009	S19	6.7	0.712	0.506	0.0652

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J27	204	186.046	0.585	9.3	0.6621	0.0000	SURCHARGED
180 minute winter	J28	96	186.409	0.053	3.0	0.0594	0.0000	OK
180 minute winter	J29	96	186.332	0.061	3.6	0.0687	0.0000	OK
180 minute winter	J30	100	186.219	0.072	5.0	0.0811	0.0000	OK
180 minute winter	J31	100	186.192	0.073	5.7	0.0829	0.0000	OK
180 minute winter	J32	100	186.139	0.075	6.5	0.0851	0.0000	OK
180 minute winter	J33	100	185.661	0.051	8.9	0.0578	0.0000	OK
180 minute winter	J34	100	185.211	0.086	11.3	0.0971	0.0000	OK
180 minute winter	J35	100	185.132	0.057	11.9	0.0645	0.0000	OK
180 minute winter	J36	100	184.971	0.096	12.6	0.1084	0.0000	OK
180 minute winter	J37	100	184.676	0.101	14.7	0.1145	0.0000	OK
180 minute winter	J38	100	184.504	0.129	16.2	0.1459	0.0000	OK
180 minute winter	J39	100	184.464	0.126	16.9	0.1430	0.0000	OK
180 minute winter	J40	100	184.433	0.108	17.6	0.1224	0.0000	OK
180 minute winter	J41	92	184.630	0.033	1.3	0.0369	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J27	23.011	S4	9.3	0.678	0.312	0.0951
180 minute winter	J28	32.001	J29	3.0	0.652	0.504	0.0403
180 minute winter	J29	32.002	S12	3.6	0.753	0.600	0.0220
180 minute winter	J30	32.004	J31	5.0	0.593	0.377	0.0420
180 minute winter	J31	32.005	J32	5.7	0.658	0.431	0.0847
180 minute winter	J32	32.006	S13	6.5	0.906	0.488	0.0383
180 minute winter	J33	32.008	S14	8.9	1.030	0.250	0.0786
180 minute winter	J34	32.010	J35	11.3	1.043	0.293	0.0984
180 minute winter	J35	32.011	J36	11.9	1.002	0.134	0.0825
180 minute winter	J36	32.012	S15	12.4	1.043	0.415	0.0289
180 minute winter	J37	32.014	S16	14.7	1.174	0.485	0.0659
180 minute winter	J38	32.016	J39	16.2	0.696	0.536	0.2515
180 minute winter	J39	32.017	J40	16.9	0.808	0.548	0.0764
180 minute winter	J40	32.018	S10	17.6	0.985	0.409	0.1710
180 minute winter	J41	48.002	J42	1.3	0.505	0.217	0.0160

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J42	100	184.577	0.040	2.0	0.0456	0.0000	OK
180 minute winter	J43	100	184.426	0.066	3.9	0.0746	0.0000	OK
180 minute winter	J44	100	184.413	0.063	4.6	0.0714	0.0000	OK
180 minute winter	J45	104	184.390	0.090	5.3	0.1014	0.0000	OK
180 minute winter	J46	104	184.366	0.094	7.4	0.1065	0.0000	OK
180 minute winter	J47	104	184.342	0.094	8.0	0.1064	0.0000	OK
180 minute winter	J48	104	184.265	0.111	9.9	0.1257	0.0000	OK
180 minute winter	J49	104	184.254	0.125	10.7	0.1410	0.0000	OK
180 minute winter	J50	104	184.245	0.120	11.4	0.1360	0.0000	OK
180 minute winter	J51	104	184.232	0.124	12.0	0.1405	0.0000	OK
180 minute winter	J52	104	184.220	0.116	12.8	0.1315	0.0000	OK
180 minute winter	J53	104	184.197	0.110	13.5	0.1243	0.0000	OK
180 minute winter	J54	100	185.020	0.041	1.7	0.0458	0.0000	OK
180 minute winter	J55	100	184.991	0.047	2.5	0.0532	0.0000	OK
180 minute winter	J56	104	184.108	0.140	19.7	0.1589	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J42	48.003	S21	2.0	0.542	0.342	0.0304
180 minute winter	J43	48.005	J44	3.8	0.532	0.276	0.0116
180 minute winter	J44	48.006	J45	4.6	0.508	0.342	0.0789
180 minute winter	J45	48.007	S22	5.3	0.470	0.390	0.0271
180 minute winter	J46	48.009	J47	7.4	0.633	0.552	0.0490
180 minute winter	J47	48.010	S23	8.0	0.742	0.599	0.0284
180 minute winter	J48	48.012	J49	9.9	0.473	0.332	0.1568
180 minute winter	J49	48.013	J50	10.7	0.484	0.348	0.0251
180 minute winter	J50	48.014	J51	11.4	0.518	0.382	0.1118
180 minute winter	J51	48.015	J52	12.0	0.558	0.393	0.0245
180 minute winter	J52	48.016	J53	12.8	0.643	0.421	0.0973
180 minute winter	J53	48.017	S24	13.5	0.764	0.446	0.1807
180 minute winter	J54	65.002	J55	1.7	0.524	0.292	0.0120
180 minute winter	J55	65.003	S24	2.4	0.697	0.415	0.0276
180 minute winter	J56	48.019	J57	19.7	0.615	0.363	0.2909

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Results for 100 year 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J57	104	184.083	0.138	20.3	0.1562	0.0000	OK
180 minute winter	BASIN 1	200	186.041	1.041	28.3	138.9528	0.0000	SURCHARGED
180 minute winter	BASIN 2	420	184.563	0.263	1.4	24.4154	0.0000	OK
180 minute winter	BASIN 3	232	183.238	0.138	20.9	96.4064	0.0000	OK
180 minute winter	BASIN 4	232	184.062	0.732	20.3	105.1696	0.0000	SURCHARGED
180 minute winter	SWALE 1	204	184.966	0.034	1.4	0.0381	0.0000	OK
180 minute winter	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
180 minute winter	SWALE 3	100	184.182	0.112	19.8	0.1264	0.0000	OK
180 minute winter	BH1	420	184.563	0.486	1.0	2.2108	0.0000	OK
180 minute winter	BH2	220	183.238	0.186	3.0	2.5319	0.0000	OK
180 minute winter	BH3	232	184.062	0.756	2.7	5.1346	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J57	48.020	S25	20.3	0.675	0.376	0.2383
180 minute winter	BASIN 1	1.023	S5	1.5	0.220	0.027	0.6013
180 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
180 minute winter	BASIN 2	71.000	BH1	1.0	0.463	0.163	0.1829
180 minute winter	BASIN 3	1.034	BH2	3.0	0.373	0.036	1.2331
180 minute winter	BASIN 4	48.022	BH3	2.7	0.563	0.050	0.7181
180 minute winter	SWALE 1	1.025	S6	1.4	0.328	0.027	0.1645
180 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
180 minute winter	SWALE 3	1.033	BASIN 3	19.8	0.853	0.286	1.0030
180 minute winter	BH1	Infiltration		0.1			
180 minute winter	BH2	Infiltration		0.2			
180 minute winter	BH3	Infiltration		0.2			

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S1	124	188.395	0.025	1.2	0.0338	0.0000	OK
240 minute summer	S2	128	187.145	0.106	12.3	0.1565	0.0000	OK
240 minute summer	S3	128	186.325	0.113	17.5	0.1467	0.0000	OK
240 minute summer	S4	248	185.996	0.618	28.9	0.7344	0.0000	SURCHARGED
240 minute summer	S5	252	185.997	1.017	1.4	1.1497	0.0000	SURCHARGED
240 minute summer	S6	256	184.878	0.034	1.4	0.0383	0.0000	OK
240 minute summer	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
240 minute summer	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
240 minute summer	S9	128	184.264	0.064	0.1	0.0729	0.0000	OK
240 minute summer	S10	128	184.264	0.080	20.3	0.1227	0.0000	OK
240 minute summer	S11	124	186.451	0.051	2.6	0.0826	0.0000	OK
240 minute summer	S12	128	186.242	0.066	4.4	0.0751	0.0000	OK
240 minute summer	S13	128	186.088	0.054	8.2	0.0765	0.0000	OK
240 minute summer	S14	128	185.349	0.098	11.3	0.1545	0.0000	OK
240 minute summer	S15	128	184.927	0.060	14.4	0.0834	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	S1	1.000	J1	1.2	0.493	0.137	0.0201
240 minute summer	S2	1.012	J12	12.3	0.734	0.411	0.0250
240 minute summer	S3	1.019	J18	17.5	1.109	0.573	0.0814
240 minute summer	S4	1.022	BASIN 1	28.4	1.445	0.170	1.1778
240 minute summer	S5	1.024	SWALE 1	1.4	0.327	0.026	0.0869
240 minute summer	S6	1.026	BASIN 2	1.4	0.370	0.026	0.0217
240 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
240 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0665
240 minute summer	S9	1.031	S10	-0.1	-0.036	-0.002	0.0877
240 minute summer	S10	1.032	SWALE 3	20.3	1.035	0.113	0.0861
240 minute summer	S11	32.000	J28	2.6	0.624	0.436	0.0188
240 minute summer	S12	32.003	J30	4.4	0.551	0.328	0.0404
240 minute summer	S13	32.007	J33	8.2	1.486	0.254	0.0715
240 minute summer	S14	32.009	J34	11.3	0.980	0.649	0.0601
240 minute summer	S15	32.013	J37	14.3	1.115	0.155	0.1211

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S16	128	184.616	0.059	15.8	0.0746	0.0000	OK
240 minute summer	S17	152	186.017	0.017	0.4	0.0187	0.0000	OK
240 minute summer	S18	264	186.013	0.352	4.6	0.4973	0.0000	SURCHARGED
240 minute summer	S19	260	186.009	0.518	8.7	0.7092	0.0000	SURCHARGED
240 minute summer	S20	128	184.675	0.033	1.3	0.0405	0.0000	OK
240 minute summer	S21	128	184.514	0.055	3.1	0.0650	0.0000	OK
240 minute summer	S22	132	184.380	0.094	6.6	0.1149	0.0000	OK
240 minute summer	S23	132	184.271	0.113	9.0	0.1337	0.0000	OK
240 minute summer	S24	132	184.122	0.145	19.0	0.2102	0.0000	OK
240 minute summer	S25	132	184.052	0.126	19.9	0.1430	0.0000	OK
240 minute summer	S26	128	185.400	0.023	1.0	0.0280	0.0000	OK
240 minute summer	FC1	136	188.800	0.550	1.1	0.7320	0.0000	SURCHARGED
240 minute summer	FC2	136	188.700	0.550	1.1	0.7325	0.0000	SURCHARGED
240 minute summer	FC3	144	188.853	0.652	1.7	1.7424	0.0000	SURCHARGED
240 minute summer	FC4	136	188.590	0.390	0.8	0.5030	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	S16	32.015	J38	15.8	0.996	0.108	0.0371
240 minute summer	S17	23.001	J20	0.4	0.345	0.060	0.0266
240 minute summer	S18	23.006	J24	4.6	0.538	0.337	0.0323
240 minute summer	S19	23.010	J27	8.7	0.578	0.290	0.3541
240 minute summer	S20	48.001	J41	1.3	0.573	0.216	0.0104
240 minute summer	S21	48.004	J43	3.1	0.728	0.516	0.0214
240 minute summer	S22	48.008	J46	6.6	0.574	0.492	0.0280
240 minute summer	S23	48.011	J48	9.0	0.465	0.292	0.0220
240 minute summer	S24	48.018	J56	19.0	0.581	0.355	0.1391
240 minute summer	S25	48.021	BASIN 4	19.9	0.786	0.361	0.0811
240 minute summer	S26	65.001	J54	1.0	0.725	0.112	0.0115
240 minute summer	FC1	2.000	J1	0.7	0.426	0.118	0.0110
240 minute summer	FC2	3.000	J2	0.7	0.272	0.123	0.0154
240 minute summer	FC3	4.000	J3	0.8	0.549	0.126	0.0137
240 minute summer	FC4	5.000	J4	0.6	0.574	0.081	0.0079

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC5	136	188.551	0.551	1.1	0.7334	0.0000	SURCHARGED
240 minute summer	FC6	136	188.239	0.389	0.8	0.5017	0.0000	SURCHARGED
240 minute summer	FC7	136	188.140	0.390	0.8	0.5034	0.0000	SURCHARGED
240 minute summer	FC8	136	188.297	0.547	1.1	0.7278	0.0000	SURCHARGED
240 minute summer	FC9	136	187.862	0.392	0.8	0.5056	0.0000	SURCHARGED
240 minute summer	FC10	144	188.111	0.641	1.5	1.3258	0.0000	SURCHARGED
240 minute summer	FC11	136	187.806	0.486	1.0	0.6369	0.0000	SURCHARGED
240 minute summer	FC12	136	187.716	0.486	1.0	0.6369	0.0000	SURCHARGED
240 minute summer	FC13	136	187.551	0.551	1.1	0.7331	0.0000	SURCHARGED
240 minute summer	FC14	152	187.048	0.147	1.1	1.8864	0.0000	SURCHARGED
240 minute summer	FC15	136	187.585	0.385	0.8	0.4969	0.0000	SURCHARGED
240 minute summer	FC16	136	187.291	0.391	0.8	0.5046	0.0000	SURCHARGED
240 minute summer	FC17	136	187.386	0.386	0.8	0.4988	0.0000	SURCHARGED
240 minute summer	FC18	136	186.942	0.392	0.8	0.5057	0.0000	SURCHARGED
240 minute summer	FC19	136	186.951	0.551	1.1	0.7332	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC5	6.000	J5	0.7	0.501	0.124	0.0061
240 minute summer	FC6	7.000	J6	0.6	0.630	0.071	0.0072
240 minute summer	FC7	8.000	J7	0.6	0.536	0.087	0.0094
240 minute summer	FC8	9.000	J8	0.7	0.711	0.076	0.0043
240 minute summer	FC9	10.000	J9	0.6	0.483	0.103	0.0092
240 minute summer	FC10	11.000	J10	0.8	0.559	0.120	0.0089
240 minute summer	FC11	12.000	J11	0.7	0.496	0.116	0.0107
240 minute summer	FC12	13.000	S2	0.7	0.496	0.116	0.0095
240 minute summer	FC13	14.000	J12	0.7	0.507	0.124	0.0099
240 minute summer	FC14	15.000	J13	0.4	0.416	0.061	0.0066
240 minute summer	FC15	16.000	J14	0.6	1.024	0.035	0.0028
240 minute summer	FC16	17.000	J15	0.6	0.513	0.095	0.0091
240 minute summer	FC17	18.000	J16	0.6	0.814	0.049	0.0036
240 minute summer	FC18	19.000	J17	0.6	0.481	0.104	0.0090
240 minute summer	FC19	20.000	S3	0.7	0.504	0.124	0.0096

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC20	136	187.494	0.544	1.1	0.7239	0.0000	SURCHARGED
240 minute summer	FC21	136	186.851	0.551	1.1	0.7331	0.0000	SURCHARGED
240 minute summer	FC22	148	186.583	0.133	0.8	1.2929	0.0000	SURCHARGED
240 minute summer	FC23	136	186.691	0.391	0.8	0.5052	0.0000	SURCHARGED
240 minute summer	FC24	136	186.849	0.549	1.1	0.7306	0.0000	SURCHARGED
240 minute summer	FC25	136	187.094	0.544	1.1	0.7239	0.0000	SURCHARGED
240 minute summer	FC26	152	186.580	0.130	0.8	1.3137	0.0000	SURCHARGED
240 minute summer	FC27	136	186.885	0.385	0.8	0.4967	0.0000	SURCHARGED
240 minute summer	FC28	136	187.044	0.544	1.1	0.7239	0.0000	SURCHARGED
240 minute summer	FC29	136	187.105	0.605	1.2	0.8177	0.0000	SURCHARGED
240 minute summer	FC30	136	187.294	0.544	1.1	0.7245	0.0000	SURCHARGED
240 minute summer	FC31	136	186.838	0.388	0.8	0.5010	0.0000	SURCHARGED
240 minute summer	FC32	136	186.836	0.386	0.8	0.4984	0.0000	SURCHARGED
240 minute summer	FC33	136	186.994	0.544	1.1	0.7246	0.0000	SURCHARGED
240 minute summer	FC34	136	187.001	0.551	1.1	0.7328	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC20	21.000	J18	0.7	1.017	0.046	0.0031
240 minute summer	FC21	22.000	J19	0.7	0.505	0.124	0.0111
240 minute summer	FC22	23.000	S17	0.4	0.588	0.019	0.0029
240 minute summer	FC23	24.000	J20	0.6	0.500	0.097	0.0056
240 minute summer	FC24	25.000	J21	0.7	0.590	0.099	0.0058
240 minute summer	FC25	26.000	J22	0.7	1.010	0.046	0.0034
240 minute summer	FC26	27.000	J23	0.3	0.716	0.026	0.0022
240 minute summer	FC27	28.000	J24	0.6	1.057	0.034	0.0026
240 minute summer	FC28	29.000	J25	0.7	1.015	0.046	0.0032
240 minute summer	FC29	30.000	J26	0.8	1.003	0.050	0.0037
240 minute summer	FC30	31.000	J27	0.7	0.948	0.051	0.0034
240 minute summer	FC31	33.000	J28	0.6	0.336	0.068	0.0110
240 minute summer	FC32	34.000	J29	0.6	0.287	0.049	0.0121
240 minute summer	FC33	35.000	S12	0.7	0.931	0.052	0.0033
240 minute summer	FC34	36.000	J30	0.7	0.518	0.119	0.0068

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC35	136	186.994	0.544	1.1	0.7244	0.0000	SURCHARGED
240 minute summer	FC36	136	187.055	0.605	1.2	0.8173	0.0000	SURCHARGED
240 minute summer	FC37	140	186.435	0.635	1.4	1.1499	0.0000	SURCHARGED
240 minute summer	FC38	152	185.567	0.117	0.8	1.4049	0.0000	SURCHARGED
240 minute summer	FC39	136	185.836	0.386	0.8	0.4979	0.0000	SURCHARGED
240 minute summer	FC40	136	186.043	0.543	1.1	0.7229	0.0000	SURCHARGED
240 minute summer	FC41	136	185.396	0.546	1.1	0.7270	0.0000	SURCHARGED
240 minute summer	FC42	136	185.148	0.548	1.1	0.7289	0.0000	SURCHARGED
240 minute summer	FC43	136	185.146	0.546	1.1	0.7268	0.0000	SURCHARGED
240 minute summer	FC44	124	184.619	0.019	0.8	0.0242	0.0000	OK
240 minute summer	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	FC46	144	185.341	0.641	1.5	1.3273	0.0000	SURCHARGED
240 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute summer	FC48	136	185.344	0.544	1.1	0.7244	0.0000	SURCHARGED
240 minute summer	FC49	136	185.351	0.551	1.1	0.7334	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC35	37.000	J31	0.7	0.918	0.052	0.0055
240 minute summer	FC36	38.000	J32	0.8	0.995	0.049	0.0057
240 minute summer	FC37	39.000	J33	0.8	0.687	0.089	0.0076
240 minute summer	FC38	40.000	J34	0.3	0.676	0.026	0.0023
240 minute summer	FC39	41.000	J35	0.6	0.898	0.043	0.0030
240 minute summer	FC40	42.000	J36	0.7	1.156	0.038	0.0032
240 minute summer	FC41	43.000	J37	0.7	0.754	0.070	0.0049
240 minute summer	FC42	44.000	J38	0.7	0.657	0.085	0.0055
240 minute summer	FC43	45.000	J39	0.7	0.768	0.068	0.0041
240 minute summer	FC44	46.000	J40	0.8	0.809	0.071	0.0043
240 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
240 minute summer	FC46	48.000	S20	0.8	0.481	0.134	0.0113
240 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0059
240 minute summer	FC48	50.000	J42	0.7	0.476	0.053	0.0092
240 minute summer	FC49	51.000	S21	0.7	0.501	0.124	0.0064

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC50	136	185.351	0.551	1.1	0.7334	0.0000	SURCHARGED
240 minute summer	FC51	136	185.401	0.551	1.1	0.7332	0.0000	SURCHARGED
240 minute summer	FC52	140	185.876	0.626	1.3	0.9804	0.0000	SURCHARGED
240 minute summer	FC53	136	185.797	0.547	1.1	0.7283	0.0000	SURCHARGED
240 minute summer	FC54	136	185.637	0.387	0.8	0.5000	0.0000	SURCHARGED
240 minute summer	FC55	136	185.636	0.386	0.8	0.4977	0.0000	SURCHARGED
240 minute summer	FC56	136	185.894	0.544	1.1	0.7240	0.0000	SURCHARGED
240 minute summer	FC57	136	185.894	0.544	1.1	0.7246	0.0000	SURCHARGED
240 minute summer	FC58	136	185.736	0.386	0.8	0.4983	0.0000	SURCHARGED
240 minute summer	FC59	136	185.737	0.387	0.8	0.4990	0.0000	SURCHARGED
240 minute summer	FC60	136	185.895	0.545	1.1	0.7259	0.0000	SURCHARGED
240 minute summer	FC61	136	185.848	0.548	1.1	0.7287	0.0000	SURCHARGED
240 minute summer	FC62	144	185.897	0.647	1.6	1.5060	0.0000	SURCHARGED
240 minute summer	FC63	136	185.792	0.392	0.8	0.5065	0.0000	SURCHARGED
240 minute summer	FC64	136	185.551	0.551	1.1	0.7331	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC50	52.000	J43	0.7	0.502	0.124	0.0068
240 minute summer	FC51	55.000	S22	0.7	0.505	0.124	0.0089
240 minute summer	FC52	58.000	S23	0.8	0.749	0.078	0.0057
240 minute summer	FC53	61.000	J50	0.7	0.689	0.079	0.0045
240 minute summer	FC54	62.000	J51	0.6	0.727	0.057	0.0034
240 minute summer	FC55	64.000	J53	0.6	0.918	0.041	0.0028
240 minute summer	FC56	53.000	J44	0.7	0.999	0.047	0.0048
240 minute summer	FC57	54.000	J45	0.7	0.937	0.052	0.0051
240 minute summer	FC58	56.000	J46	0.6	0.855	0.046	0.0045
240 minute summer	FC59	57.000	J47	0.6	0.793	0.051	0.0050
240 minute summer	FC60	59.000	J48	0.7	0.825	0.062	0.0059
240 minute summer	FC61	60.000	J49	0.7	0.662	0.085	0.0082
240 minute summer	FC62	63.000	J52	0.8	0.625	0.104	0.0120
240 minute summer	FC63	65.000	S26	0.6	0.469	0.104	0.0032
240 minute summer	FC64	66.000	J54	0.7	0.343	0.124	0.0048

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC65	136	185.693	0.543	1.1	0.7228	0.0000	SURCHARGED
240 minute summer	FC66	136	185.550	0.550	1.1	0.7316	0.0000	SURCHARGED
240 minute summer	FC67	152	184.930	0.130	0.8	1.3447	0.0000	SURCHARGED
240 minute summer	FC68	136	184.939	0.389	0.8	0.5020	0.0000	SURCHARGED
240 minute summer	J1	124	188.245	0.045	3.0	0.0602	0.0000	OK
240 minute summer	J2	124	188.172	0.066	3.6	0.0742	0.0000	OK
240 minute summer	J3	128	188.106	0.060	4.4	0.0677	0.0000	OK
240 minute summer	J4	128	188.078	0.043	5.0	0.0489	0.0000	OK
240 minute summer	J5	128	187.949	0.039	5.7	0.0442	0.0000	OK
240 minute summer	J6	128	187.711	0.061	6.3	0.0694	0.0000	OK
240 minute summer	J7	128	187.675	0.075	6.8	0.0847	0.0000	OK
240 minute summer	J8	128	187.647	0.054	7.5	0.0614	0.0000	OK
240 minute summer	J9	128	187.350	0.075	8.1	0.0846	0.0000	OK
240 minute summer	J10	128	187.314	0.044	8.9	0.0497	0.0000	OK
240 minute summer	J11	132	187.185	0.064	9.5	0.0726	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC65	67.000	J55	0.7	0.486	0.039	0.0046
240 minute summer	FC66	68.000	S24	0.7	0.563	0.102	0.0028
240 minute summer	FC67	69.000	J56	0.3	0.396	0.058	0.0018
240 minute summer	FC68	70.000	J57	0.6	0.629	0.068	0.0022
240 minute summer	J1	1.001	J2	3.0	0.680	0.362	0.0221
240 minute summer	J2	1.002	J3	3.6	0.724	0.611	0.0052
240 minute summer	J3	1.003	J4	4.4	0.825	0.332	0.0105
240 minute summer	J4	1.004	J5	5.0	1.273	0.149	0.0139
240 minute summer	J5	1.005	J6	5.7	1.101	0.148	0.0296
240 minute summer	J6	1.006	J7	6.3	0.805	0.220	0.0153
240 minute summer	J7	1.007	J8	6.8	0.944	0.491	0.0082
240 minute summer	J8	1.008	J9	7.5	1.366	0.249	0.0466
240 minute summer	J9	1.009	J10	8.1	0.970	0.243	0.0102
240 minute summer	J10	1.010	J11	8.9	1.220	0.069	0.0180
240 minute summer	J11	1.011	S2	9.5	0.700	0.148	0.0744

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J12	128	186.881	0.072	13.0	0.0812	0.0000	OK
240 minute summer	J13	128	186.830	0.128	13.3	0.1448	0.0000	OK
240 minute summer	J14	128	186.816	0.121	13.8	0.1366	0.0000	OK
240 minute summer	J15	128	186.796	0.108	14.4	0.1220	0.0000	OK
240 minute summer	J16	128	186.759	0.089	15.0	0.1005	0.0000	OK
240 minute summer	J17	132	186.420	0.062	15.6	0.0699	0.0000	OK
240 minute summer	J18	128	186.270	0.076	18.2	0.0861	0.0000	OK
240 minute summer	J19	132	186.150	0.123	18.9	0.1391	0.0000	OK
240 minute summer	J20	264	186.012	0.081	1.0	0.0917	0.0000	OK
240 minute summer	J21	264	186.012	0.117	1.7	0.1326	0.0000	SURCHARGED
240 minute summer	J22	264	186.013	0.195	2.4	0.2209	0.0000	SURCHARGED
240 minute summer	J23	264	186.013	0.230	2.8	0.2605	0.0000	SURCHARGED
240 minute summer	J24	264	186.013	0.363	5.2	0.4105	0.0000	SURCHARGED
240 minute summer	J25	264	186.012	0.397	5.9	0.4495	0.0000	SURCHARGED
240 minute summer	J26	264	186.013	0.426	6.6	0.4816	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J12	1.013	J13	13.0	0.761	0.193	0.1107
240 minute summer	J13	1.014	J14	13.3	0.589	0.422	0.0427
240 minute summer	J14	1.015	J15	13.8	0.683	0.443	0.0388
240 minute summer	J15	1.016	J16	14.4	0.864	0.471	0.0855
240 minute summer	J16	1.017	J17	15.0	1.138	0.249	0.0442
240 minute summer	J17	1.018	S3	15.6	1.099	0.107	0.0271
240 minute summer	J18	1.020	J19	18.2	1.863	0.140	0.0146
240 minute summer	J19	1.021	S4	18.9	0.772	0.343	0.1076
240 minute summer	J20	23.002	J21	1.0	0.433	0.162	0.0276
240 minute summer	J21	23.003	J22	1.7	0.524	0.285	0.0627
240 minute summer	J22	23.004	J23	2.4	0.620	0.406	0.0281
240 minute summer	J23	23.005	S18	2.8	0.718	0.465	0.0587
240 minute summer	J24	23.007	J25	5.2	0.578	0.391	0.1088
240 minute summer	J25	23.008	J26	5.9	0.603	0.443	0.0874
240 minute summer	J26	23.009	S19	6.6	0.709	0.497	0.0652

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J27	264	186.025	0.564	9.4	0.6381	0.0000	SURCHARGED
240 minute summer	J28	124	186.410	0.054	3.1	0.0613	0.0000	OK
240 minute summer	J29	128	186.333	0.062	3.7	0.0703	0.0000	OK
240 minute summer	J30	128	186.219	0.072	5.1	0.0817	0.0000	OK
240 minute summer	J31	128	186.193	0.074	5.8	0.0831	0.0000	OK
240 minute summer	J32	128	186.139	0.075	6.5	0.0850	0.0000	OK
240 minute summer	J33	128	185.661	0.051	9.0	0.0581	0.0000	OK
240 minute summer	J34	128	185.212	0.087	11.5	0.0983	0.0000	OK
240 minute summer	J35	128	185.133	0.058	12.1	0.0653	0.0000	OK
240 minute summer	J36	128	184.971	0.096	12.8	0.1082	0.0000	OK
240 minute summer	J37	128	184.677	0.102	15.0	0.1156	0.0000	OK
240 minute summer	J38	128	184.506	0.131	16.5	0.1478	0.0000	OK
240 minute summer	J39	128	184.466	0.128	17.2	0.1446	0.0000	OK
240 minute summer	J40	128	184.435	0.109	18.0	0.1238	0.0000	OK
240 minute summer	J41	128	184.630	0.033	1.3	0.0369	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J27	23.011	S4	9.4	0.679	0.314	0.0951
240 minute summer	J28	32.001	J29	3.1	0.664	0.527	0.0415
240 minute summer	J29	32.002	S12	3.7	0.759	0.621	0.0226
240 minute summer	J30	32.004	J31	5.1	0.597	0.382	0.0422
240 minute summer	J31	32.005	J32	5.7	0.661	0.433	0.0848
240 minute summer	J32	32.006	S13	6.5	0.902	0.487	0.0384
240 minute summer	J33	32.008	S14	9.0	1.026	0.252	0.0798
240 minute summer	J34	32.010	J35	11.5	1.050	0.299	0.0999
240 minute summer	J35	32.011	J36	12.1	1.017	0.136	0.0828
240 minute summer	J36	32.012	S15	13.1	1.091	0.436	0.0290
240 minute summer	J37	32.014	S16	15.0	1.175	0.493	0.0669
240 minute summer	J38	32.016	J39	16.5	0.699	0.546	0.2552
240 minute summer	J39	32.017	J40	17.2	0.809	0.557	0.0775
240 minute summer	J40	32.018	S10	17.9	0.990	0.417	0.1735
240 minute summer	J41	48.002	J42	1.3	0.505	0.217	0.0159

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J42	128	184.577	0.040	2.0	0.0452	0.0000	OK
240 minute summer	J43	128	184.425	0.065	3.7	0.0730	0.0000	OK
240 minute summer	J44	132	184.412	0.062	4.4	0.0700	0.0000	OK
240 minute summer	J45	132	184.388	0.088	5.2	0.0998	0.0000	OK
240 minute summer	J46	132	184.365	0.093	7.2	0.1050	0.0000	OK
240 minute summer	J47	132	184.341	0.093	7.8	0.1050	0.0000	OK
240 minute summer	J48	132	184.264	0.109	9.7	0.1238	0.0000	OK
240 minute summer	J49	132	184.252	0.123	10.5	0.1391	0.0000	OK
240 minute summer	J50	132	184.244	0.119	11.2	0.1342	0.0000	OK
240 minute summer	J51	132	184.231	0.123	11.8	0.1388	0.0000	OK
240 minute summer	J52	132	184.219	0.115	12.6	0.1298	0.0000	OK
240 minute summer	J53	132	184.196	0.109	13.2	0.1228	0.0000	OK
240 minute summer	J54	128	185.019	0.040	1.7	0.0448	0.0000	OK
240 minute summer	J55	136	184.990	0.046	2.4	0.0524	0.0000	OK
240 minute summer	J56	132	184.106	0.139	19.3	0.1571	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J42	48.003	S21	2.0	0.541	0.335	0.0299
240 minute summer	J43	48.005	J44	3.7	0.531	0.267	0.0113
240 minute summer	J44	48.006	J45	4.4	0.506	0.332	0.0773
240 minute summer	J45	48.007	S22	5.2	0.469	0.381	0.0266
240 minute summer	J46	48.009	J47	7.2	0.630	0.540	0.0482
240 minute summer	J47	48.010	S23	7.8	0.738	0.587	0.0280
240 minute summer	J48	48.012	J49	9.7	0.473	0.326	0.1540
240 minute summer	J49	48.013	J50	10.5	0.482	0.341	0.0246
240 minute summer	J50	48.014	J51	11.2	0.516	0.374	0.1099
240 minute summer	J51	48.015	J52	11.8	0.555	0.385	0.0241
240 minute summer	J52	48.016	J53	12.6	0.640	0.412	0.0958
240 minute summer	J53	48.017	S24	13.2	0.760	0.437	0.1780
240 minute summer	J54	65.002	J55	1.7	0.520	0.280	0.0117
240 minute summer	J55	65.003	S24	2.4	0.693	0.404	0.0270
240 minute summer	J56	48.019	J57	19.3	0.612	0.356	0.2868

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Results for 100 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J57	132	184.082	0.137	19.9	0.1546	0.0000	OK
240 minute summer	BASIN 1	252	185.997	0.997	28.4	131.9400	0.0000	SURCHARGED
240 minute summer	BASIN 2	480	184.585	0.285	1.4	26.6496	0.0000	OK
240 minute summer	BASIN 3	284	183.232	0.132	20.3	92.5776	0.0000	OK
240 minute summer	BASIN 4	280	184.035	0.705	19.9	100.7414	0.0000	SURCHARGED
240 minute summer	SWALE 1	252	184.965	0.033	1.4	0.0377	0.0000	OK
240 minute summer	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWALE 3	128	184.183	0.113	20.3	0.1280	0.0000	OK
240 minute summer	BH1	480	184.585	0.508	0.8	2.2750	0.0000	OK
240 minute summer	BH2	264	183.233	0.181	2.5	2.5033	0.0000	OK
240 minute summer	BH3	280	184.035	0.729	2.1	5.0074	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J57	48.020	S25	19.9	0.671	0.369	0.2352
240 minute summer	BASIN 1	1.023	S5	1.4	0.208	0.027	0.6013
240 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
240 minute summer	BASIN 2	71.000	BH1	0.8	0.430	0.138	0.1829
240 minute summer	BASIN 3	1.034	BH2	2.5	0.324	0.029	1.1775
240 minute summer	BASIN 4	48.022	BH3	2.1	0.488	0.040	0.7181
240 minute summer	SWALE 1	1.025	S6	1.4	0.326	0.026	0.1620
240 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
240 minute summer	SWALE 3	1.033	BASIN 3	20.3	0.859	0.292	1.0197
240 minute summer	BH1	Infiltration		0.1			
240 minute summer	BH2	Infiltration		0.2			
240 minute summer	BH3	Infiltration		0.2			

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S1	124	188.392	0.022	0.9	0.0294	0.0000	OK
240 minute winter	S2	132	187.138	0.099	10.8	0.1461	0.0000	OK
240 minute winter	S3	132	186.318	0.106	15.6	0.1379	0.0000	OK
240 minute winter	S4	248	186.098	0.720	24.9	0.8554	0.0000	SURCHARGED
240 minute winter	S5	248	186.098	1.118	1.5	1.2641	0.0000	SURCHARGED
240 minute winter	S6	252	184.879	0.035	1.5	0.0391	0.0000	OK
240 minute winter	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
240 minute winter	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
240 minute winter	S9	128	184.256	0.056	0.0	0.0632	0.0000	OK
240 minute winter	S10	132	184.256	0.072	17.1	0.1097	0.0000	OK
240 minute winter	S11	124	186.443	0.043	2.0	0.0704	0.0000	OK
240 minute winter	S12	132	186.235	0.059	3.6	0.0669	0.0000	OK
240 minute winter	S13	132	186.083	0.049	6.9	0.0699	0.0000	OK
240 minute winter	S14	128	185.338	0.088	9.5	0.1375	0.0000	OK
240 minute winter	S15	128	184.922	0.055	12.0	0.0765	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	S1	1.000	J1	0.9	0.455	0.103	0.0167
240 minute winter	S2	1.012	J12	10.8	0.708	0.363	0.0229
240 minute winter	S3	1.019	J18	15.6	1.078	0.511	0.0747
240 minute winter	S4	1.022	BASIN 1	24.3	1.482	0.145	1.1778
240 minute winter	S5	1.024	SWALE 1	1.5	0.331	0.027	0.0900
240 minute winter	S6	1.026	BASIN 2	1.5	0.377	0.027	0.0224
240 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
240 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0543
240 minute winter	S9	1.031	S10	0.0	-0.036	-0.001	0.0734
240 minute winter	S10	1.032	SWALE 3	17.0	1.001	0.095	0.0748
240 minute winter	S11	32.000	J28	2.0	0.581	0.335	0.0155
240 minute winter	S12	32.003	J30	3.6	0.528	0.272	0.0351
240 minute winter	S13	32.007	J33	6.9	1.418	0.215	0.0637
240 minute winter	S14	32.009	J34	9.5	0.943	0.545	0.0525
240 minute winter	S15	32.013	J37	12.1	1.061	0.131	0.1079

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S16	128	184.609	0.052	13.3	0.0659	0.0000	OK
240 minute winter	S17	256	186.102	0.102	0.4	0.1151	0.0000	SURCHARGED
240 minute winter	S18	256	186.101	0.440	4.1	0.6222	0.0000	SURCHARGED
240 minute winter	S19	256	186.100	0.609	7.6	0.8346	0.0000	SURCHARGED
240 minute winter	S20	136	184.674	0.032	1.2	0.0388	0.0000	OK
240 minute winter	S21	136	184.511	0.052	2.8	0.0620	0.0000	OK
240 minute winter	S22	136	184.375	0.089	6.1	0.1089	0.0000	OK
240 minute winter	S23	136	184.265	0.107	8.4	0.1268	0.0000	OK
240 minute winter	S24	136	184.114	0.137	17.4	0.1993	0.0000	OK
240 minute winter	S25	280	184.108	0.182	18.2	0.2061	0.0000	OK
240 minute winter	S26	140	185.399	0.022	0.8	0.0260	0.0000	OK
240 minute winter	FC1	140	188.723	0.473	0.8	0.6297	0.0000	SURCHARGED
240 minute winter	FC2	140	188.624	0.474	0.8	0.6303	0.0000	SURCHARGED
240 minute winter	FC3	156	188.846	0.646	1.3	1.5779	0.0000	SURCHARGED
240 minute winter	FC4	140	188.511	0.311	0.6	0.4016	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	S16	32.015	J38	13.3	0.975	0.091	0.0322
240 minute winter	S17	23.001	J20	0.4	0.310	0.060	0.0560
240 minute winter	S18	23.006	J24	4.1	0.525	0.297	0.0323
240 minute winter	S19	23.010	J27	7.4	0.555	0.247	0.3541
240 minute winter	S20	48.001	J41	1.2	0.564	0.199	0.0097
240 minute winter	S21	48.004	J43	2.8	0.715	0.479	0.0202
240 minute winter	S22	48.008	J46	6.1	0.566	0.456	0.0263
240 minute winter	S23	48.011	J48	8.4	0.458	0.271	0.0205
240 minute winter	S24	48.018	J56	17.4	0.568	0.325	0.1320
240 minute winter	S25	48.021	BASIN 4	18.2	0.765	0.330	0.1467
240 minute winter	S26	65.001	J54	0.8	0.697	0.097	0.0104
240 minute winter	FC1	2.000	J1	0.7	0.394	0.110	0.0097
240 minute winter	FC2	3.000	J2	0.7	0.252	0.114	0.0139
240 minute winter	FC3	4.000	J3	0.8	0.548	0.125	0.0136
240 minute winter	FC4	5.000	J4	0.5	0.554	0.072	0.0073

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC5	140	188.474	0.474	0.8	0.6313	0.0000	SURCHARGED
240 minute winter	FC6	140	188.160	0.310	0.6	0.4002	0.0000	SURCHARGED
240 minute winter	FC7	140	188.062	0.312	0.6	0.4022	0.0000	SURCHARGED
240 minute winter	FC8	140	188.220	0.470	0.8	0.6253	0.0000	SURCHARGED
240 minute winter	FC9	140	187.783	0.313	0.6	0.4043	0.0000	SURCHARGED
240 minute winter	FC10	148	188.104	0.634	1.1	1.1877	0.0000	SURCHARGED
240 minute winter	FC11	136	187.703	0.383	0.7	0.5017	0.0000	SURCHARGED
240 minute winter	FC12	136	187.613	0.383	0.7	0.5018	0.0000	SURCHARGED
240 minute winter	FC13	140	187.474	0.474	0.8	0.6309	0.0000	SURCHARGED
240 minute winter	FC14	164	187.059	0.159	0.8	2.0289	0.0000	SURCHARGED
240 minute winter	FC15	140	187.506	0.306	0.6	0.3948	0.0000	SURCHARGED
240 minute winter	FC16	140	187.212	0.312	0.6	0.4033	0.0000	SURCHARGED
240 minute winter	FC17	140	187.308	0.308	0.6	0.3970	0.0000	SURCHARGED
240 minute winter	FC18	140	186.863	0.313	0.6	0.4044	0.0000	SURCHARGED
240 minute winter	FC19	140	186.874	0.474	0.8	0.6310	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC5	6.000	J5	0.7	0.490	0.114	0.0057
240 minute winter	FC6	7.000	J6	0.5	0.610	0.063	0.0066
240 minute winter	FC7	8.000	J7	0.5	0.526	0.077	0.0078
240 minute winter	FC8	9.000	J8	0.7	0.695	0.070	0.0041
240 minute winter	FC9	10.000	J9	0.5	0.468	0.092	0.0085
240 minute winter	FC10	11.000	J10	0.8	0.558	0.119	0.0088
240 minute winter	FC11	12.000	J11	0.6	0.480	0.103	0.0098
240 minute winter	FC12	13.000	S2	0.6	0.479	0.103	0.0087
240 minute winter	FC13	14.000	J12	0.7	0.495	0.114	0.0094
240 minute winter	FC14	15.000	J13	0.4	0.420	0.064	0.0068
240 minute winter	FC15	16.000	J14	0.5	0.988	0.032	0.0026
240 minute winter	FC16	17.000	J15	0.5	0.497	0.085	0.0084
240 minute winter	FC17	18.000	J16	0.5	0.787	0.044	0.0034
240 minute winter	FC18	19.000	J17	0.5	0.465	0.093	0.0082
240 minute winter	FC19	20.000	S3	0.7	0.493	0.115	0.0091

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC20	140	187.416	0.466	0.8	0.6208	0.0000	SURCHARGED
240 minute winter	FC21	140	186.774	0.474	0.8	0.6309	0.0000	SURCHARGED
240 minute winter	FC22	156	186.585	0.135	0.6	1.3167	0.0000	SURCHARGED
240 minute winter	FC23	140	186.613	0.313	0.6	0.4039	0.0000	SURCHARGED
240 minute winter	FC24	140	186.772	0.472	0.8	0.6283	0.0000	SURCHARGED
240 minute winter	FC25	140	187.016	0.466	0.8	0.6208	0.0000	SURCHARGED
240 minute winter	FC26	156	186.583	0.133	0.6	1.3403	0.0000	SURCHARGED
240 minute winter	FC27	140	186.806	0.306	0.6	0.3946	0.0000	SURCHARGED
240 minute winter	FC28	140	186.966	0.466	0.8	0.6208	0.0000	SURCHARGED
240 minute winter	FC29	140	187.029	0.529	0.9	0.7146	0.0000	SURCHARGED
240 minute winter	FC30	140	187.217	0.467	0.8	0.6215	0.0000	SURCHARGED
240 minute winter	FC31	140	186.759	0.309	0.6	0.3995	0.0000	SURCHARGED
240 minute winter	FC32	140	186.757	0.307	0.6	0.3967	0.0000	SURCHARGED
240 minute winter	FC33	140	186.917	0.467	0.8	0.6217	0.0000	SURCHARGED
240 minute winter	FC34	140	186.924	0.474	0.8	0.6306	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC20	21.000	J18	0.7	0.994	0.042	0.0030
240 minute winter	FC21	22.000	J19	0.7	0.494	0.115	0.0105
240 minute winter	FC22	23.000	S17	0.4	0.590	0.019	0.0192
240 minute winter	FC23	24.000	J20	0.5	0.484	0.087	0.0052
240 minute winter	FC24	25.000	J21	0.7	0.577	0.091	0.0055
240 minute winter	FC25	26.000	J22	0.7	0.987	0.043	0.0033
240 minute winter	FC26	27.000	J23	0.4	0.718	0.026	0.0023
240 minute winter	FC27	28.000	J24	0.5	1.020	0.030	0.0024
240 minute winter	FC28	29.000	J25	0.7	0.992	0.042	0.0030
240 minute winter	FC29	30.000	J26	0.7	0.984	0.047	0.0035
240 minute winter	FC30	31.000	J27	0.7	0.926	0.047	0.0032
240 minute winter	FC31	33.000	J28	0.5	0.305	0.061	0.0094
240 minute winter	FC32	34.000	J29	0.5	0.265	0.043	0.0104
240 minute winter	FC33	35.000	S12	0.7	0.911	0.048	0.0031
240 minute winter	FC34	36.000	J30	0.7	0.507	0.110	0.0064

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC35	140	186.917	0.467	0.8	0.6214	0.0000	SURCHARGED
240 minute winter	FC36	140	186.979	0.529	0.9	0.7142	0.0000	SURCHARGED
240 minute winter	FC37	144	186.425	0.625	1.0	0.9667	0.0000	SURCHARGED
240 minute winter	FC38	160	185.570	0.120	0.6	1.4455	0.0000	SURCHARGED
240 minute winter	FC39	140	185.757	0.307	0.6	0.3960	0.0000	SURCHARGED
240 minute winter	FC40	140	185.966	0.465	0.8	0.6196	0.0000	SURCHARGED
240 minute winter	FC41	140	185.319	0.469	0.8	0.6244	0.0000	SURCHARGED
240 minute winter	FC42	140	185.071	0.471	0.8	0.6265	0.0000	SURCHARGED
240 minute winter	FC43	140	185.069	0.469	0.8	0.6242	0.0000	SURCHARGED
240 minute winter	FC44	116	184.616	0.016	0.6	0.0209	0.0000	OK
240 minute winter	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
240 minute winter	FC46	148	185.334	0.634	1.1	1.1894	0.0000	SURCHARGED
240 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute winter	FC48	140	185.267	0.467	0.8	0.6214	0.0000	SURCHARGED
240 minute winter	FC49	140	185.274	0.474	0.8	0.6313	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC35	37.000	J31	0.7	0.912	0.048	0.0042
240 minute winter	FC36	38.000	J32	0.7	0.986	0.046	0.0045
240 minute winter	FC37	39.000	J33	0.8	0.686	0.089	0.0075
240 minute winter	FC38	40.000	J34	0.3	0.679	0.027	0.0023
240 minute winter	FC39	41.000	J35	0.5	0.868	0.038	0.0028
240 minute winter	FC40	42.000	J36	0.7	1.130	0.035	0.0030
240 minute winter	FC41	43.000	J37	0.7	0.737	0.065	0.0046
240 minute winter	FC42	44.000	J38	0.7	0.642	0.079	0.0052
240 minute winter	FC43	45.000	J39	0.7	0.751	0.063	0.0039
240 minute winter	FC44	46.000	J40	0.6	0.746	0.053	0.0035
240 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
240 minute winter	FC46	48.000	S20	0.8	0.479	0.133	0.0109
240 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0055
240 minute winter	FC48	50.000	J42	0.7	0.410	0.049	0.0088
240 minute winter	FC49	51.000	S21	0.7	0.491	0.114	0.0060

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC50	140	185.274	0.474	0.8	0.6312	0.0000	SURCHARGED
240 minute winter	FC51	140	185.324	0.474	0.8	0.6310	0.0000	SURCHARGED
240 minute winter	FC52	140	185.845	0.595	0.9	0.8163	0.0000	SURCHARGED
240 minute winter	FC53	140	185.720	0.470	0.8	0.6257	0.0000	SURCHARGED
240 minute winter	FC54	140	185.559	0.309	0.6	0.3984	0.0000	SURCHARGED
240 minute winter	FC55	140	185.557	0.307	0.6	0.3958	0.0000	SURCHARGED
240 minute winter	FC56	140	185.817	0.467	0.8	0.6209	0.0000	SURCHARGED
240 minute winter	FC57	140	185.817	0.467	0.8	0.6216	0.0000	SURCHARGED
240 minute winter	FC58	140	185.657	0.307	0.6	0.3965	0.0000	SURCHARGED
240 minute winter	FC59	140	185.658	0.308	0.6	0.3973	0.0000	SURCHARGED
240 minute winter	FC60	140	185.818	0.468	0.8	0.6231	0.0000	SURCHARGED
240 minute winter	FC61	140	185.771	0.471	0.8	0.6263	0.0000	SURCHARGED
240 minute winter	FC62	152	185.892	0.642	1.2	1.3923	0.0000	SURCHARGED
240 minute winter	FC63	140	185.714	0.314	0.6	0.4053	0.0000	SURCHARGED
240 minute winter	FC64	140	185.474	0.474	0.8	0.6310	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC50	52.000	J43	0.7	0.491	0.115	0.0065
240 minute winter	FC51	55.000	S22	0.7	0.494	0.115	0.0084
240 minute winter	FC52	58.000	S23	0.8	0.743	0.076	0.0056
240 minute winter	FC53	61.000	J50	0.7	0.674	0.073	0.0043
240 minute winter	FC54	62.000	J51	0.5	0.704	0.051	0.0031
240 minute winter	FC55	64.000	J53	0.5	0.888	0.037	0.0026
240 minute winter	FC56	53.000	J44	0.7	0.975	0.044	0.0046
240 minute winter	FC57	54.000	J45	0.7	0.916	0.048	0.0048
240 minute winter	FC58	56.000	J46	0.5	0.826	0.041	0.0041
240 minute winter	FC59	57.000	J47	0.5	0.766	0.046	0.0046
240 minute winter	FC60	59.000	J48	0.7	0.806	0.057	0.0056
240 minute winter	FC61	60.000	J49	0.7	0.647	0.079	0.0078
240 minute winter	FC62	63.000	J52	0.8	0.624	0.104	0.0120
240 minute winter	FC63	65.000	S26	0.5	0.456	0.093	0.0030
240 minute winter	FC64	66.000	J54	0.7	0.341	0.115	0.0045

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC65	140	185.615	0.465	0.8	0.6195	0.0000	SURCHARGED
240 minute winter	FC66	140	185.473	0.473	0.8	0.6294	0.0000	SURCHARGED
240 minute winter	FC67	160	184.933	0.133	0.6	1.3772	0.0000	SURCHARGED
240 minute winter	FC68	140	184.860	0.310	0.6	0.4005	0.0000	SURCHARGED
240 minute winter	J1	128	188.239	0.039	2.4	0.0526	0.0000	OK
240 minute winter	J2	128	188.165	0.059	3.1	0.0670	0.0000	OK
240 minute winter	J3	128	188.102	0.056	3.9	0.0632	0.0000	OK
240 minute winter	J4	128	188.075	0.040	4.4	0.0455	0.0000	OK
240 minute winter	J5	128	187.947	0.037	5.0	0.0416	0.0000	OK
240 minute winter	J6	128	187.707	0.057	5.5	0.0640	0.0000	OK
240 minute winter	J7	128	187.670	0.070	6.1	0.0792	0.0000	OK
240 minute winter	J8	136	187.644	0.051	6.7	0.0576	0.0000	OK
240 minute winter	J9	136	187.346	0.071	7.3	0.0799	0.0000	OK
240 minute winter	J10	136	187.311	0.041	8.0	0.0469	0.0000	OK
240 minute winter	J11	136	187.182	0.061	8.7	0.0687	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC65	67.000	J55	0.7	0.486	0.036	0.0043
240 minute winter	FC66	68.000	S24	0.7	0.551	0.094	0.0026
240 minute winter	FC67	69.000	J56	0.3	0.397	0.058	0.0018
240 minute winter	FC68	70.000	J57	0.5	0.609	0.061	0.0020
240 minute winter	J1	1.001	J2	2.4	0.639	0.294	0.0192
240 minute winter	J2	1.002	J3	3.1	0.696	0.520	0.0046
240 minute winter	J3	1.003	J4	3.9	0.796	0.291	0.0095
240 minute winter	J4	1.004	J5	4.4	1.229	0.131	0.0126
240 minute winter	J5	1.005	J6	5.0	1.077	0.131	0.0267
240 minute winter	J6	1.006	J7	5.5	0.785	0.195	0.0139
240 minute winter	J7	1.007	J8	6.1	0.912	0.435	0.0075
240 minute winter	J8	1.008	J9	6.7	1.327	0.222	0.0429
240 minute winter	J9	1.009	J10	7.3	0.943	0.218	0.0094
240 minute winter	J10	1.010	J11	8.0	1.194	0.062	0.0167
240 minute winter	J11	1.011	S2	8.6	0.687	0.134	0.0683

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J12	132	186.876	0.067	11.5	0.0754	0.0000	OK
240 minute winter	J13	132	186.822	0.120	11.8	0.1354	0.0000	OK
240 minute winter	J14	132	186.808	0.113	12.4	0.1281	0.0000	OK
240 minute winter	J15	132	186.790	0.101	12.9	0.1148	0.0000	OK
240 minute winter	J16	132	186.753	0.083	13.4	0.0944	0.0000	OK
240 minute winter	J17	132	186.415	0.057	14.0	0.0647	0.0000	OK
240 minute winter	J18	132	186.265	0.071	16.3	0.0804	0.0000	OK
240 minute winter	J19	132	186.143	0.116	16.9	0.1312	0.0000	OK
240 minute winter	J20	256	186.102	0.171	0.9	0.1930	0.0000	SURCHARGED
240 minute winter	J21	256	186.102	0.207	1.6	0.2337	0.0000	SURCHARGED
240 minute winter	J22	256	186.102	0.284	2.2	0.3208	0.0000	SURCHARGED
240 minute winter	J23	256	186.102	0.319	2.6	0.3603	0.0000	SURCHARGED
240 minute winter	J24	256	186.101	0.451	4.6	0.5103	0.0000	SURCHARGED
240 minute winter	J25	256	186.101	0.486	5.3	0.5500	0.0000	SURCHARGED
240 minute winter	J26	256	186.102	0.515	6.0	0.5822	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J12	1.013	J13	11.5	0.741	0.172	0.1012
240 minute winter	J13	1.014	J14	11.8	0.571	0.377	0.0393
240 minute winter	J14	1.015	J15	12.4	0.662	0.396	0.0358
240 minute winter	J15	1.016	J16	12.9	0.840	0.422	0.0788
240 minute winter	J16	1.017	J17	13.4	1.108	0.223	0.0408
240 minute winter	J17	1.018	S3	14.0	1.078	0.096	0.0248
240 minute winter	J18	1.020	J19	16.3	1.820	0.125	0.0134
240 minute winter	J19	1.021	S4	16.9	0.749	0.307	0.0995
240 minute winter	J20	23.002	J21	0.9	0.426	0.150	0.0295
240 minute winter	J21	23.003	J22	1.6	0.517	0.264	0.0627
240 minute winter	J22	23.004	J23	2.2	0.626	0.376	0.0281
240 minute winter	J23	23.005	S18	2.6	0.707	0.436	0.0587
240 minute winter	J24	23.007	J25	4.6	0.563	0.346	0.1088
240 minute winter	J25	23.008	J26	5.3	0.587	0.397	0.0874
240 minute winter	J26	23.009	S19	6.0	0.692	0.448	0.0652

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J27	256	186.104	0.643	8.0	0.7275	0.0000	SURCHARGED
240 minute winter	J28	124	186.403	0.047	2.5	0.0532	0.0000	OK
240 minute winter	J29	124	186.325	0.054	3.0	0.0612	0.0000	OK
240 minute winter	J30	132	186.212	0.065	4.3	0.0738	0.0000	OK
240 minute winter	J31	136	186.186	0.067	5.0	0.0760	0.0000	OK
240 minute winter	J32	136	186.134	0.070	5.7	0.0789	0.0000	OK
240 minute winter	J33	132	185.658	0.048	7.7	0.0538	0.0000	OK
240 minute winter	J34	128	185.205	0.080	9.7	0.0899	0.0000	OK
240 minute winter	J35	132	185.127	0.052	10.3	0.0591	0.0000	OK
240 minute winter	J36	132	184.963	0.088	10.9	0.0999	0.0000	OK
240 minute winter	J37	128	184.669	0.094	12.8	0.1061	0.0000	OK
240 minute winter	J38	132	184.492	0.117	14.0	0.1328	0.0000	OK
240 minute winter	J39	132	184.454	0.116	14.6	0.1309	0.0000	OK
240 minute winter	J40	132	184.424	0.099	15.2	0.1123	0.0000	OK
240 minute winter	J41	128	184.628	0.031	1.2	0.0352	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J27	23.011	S4	8.0	0.650	0.268	0.0951
240 minute winter	J28	32.001	J29	2.5	0.626	0.420	0.0351
240 minute winter	J29	32.002	S12	3.0	0.723	0.502	0.0192
240 minute winter	J30	32.004	J31	4.3	0.573	0.323	0.0373
240 minute winter	J31	32.005	J32	5.0	0.634	0.373	0.0763
240 minute winter	J32	32.006	S13	5.7	0.878	0.427	0.0345
240 minute winter	J33	32.008	S14	7.7	1.009	0.217	0.0701
240 minute winter	J34	32.010	J35	9.7	1.007	0.252	0.0880
240 minute winter	J35	32.011	J36	10.3	0.972	0.115	0.0736
240 minute winter	J36	32.012	S15	11.0	1.045	0.368	0.0259
240 minute winter	J37	32.014	S16	12.7	1.143	0.418	0.0586
240 minute winter	J38	32.016	J39	14.0	0.673	0.462	0.2245
240 minute winter	J39	32.017	J40	14.6	0.781	0.475	0.0685
240 minute winter	J40	32.018	S10	15.2	0.950	0.353	0.1533
240 minute winter	J41	48.002	J42	1.2	0.491	0.200	0.0151

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J42	136	184.576	0.039	1.9	0.0439	0.0000	OK
240 minute winter	J43	136	184.422	0.062	3.5	0.0703	0.0000	OK
240 minute winter	J44	136	184.410	0.059	4.2	0.0673	0.0000	OK
240 minute winter	J45	136	184.384	0.084	4.9	0.0944	0.0000	OK
240 minute winter	J46	136	184.360	0.088	6.7	0.0995	0.0000	OK
240 minute winter	J47	136	184.336	0.088	7.2	0.1000	0.0000	OK
240 minute winter	J48	136	184.258	0.104	9.0	0.1172	0.0000	OK
240 minute winter	J49	136	184.246	0.117	9.7	0.1325	0.0000	OK
240 minute winter	J50	136	184.238	0.113	10.4	0.1277	0.0000	OK
240 minute winter	J51	136	184.225	0.117	10.9	0.1326	0.0000	OK
240 minute winter	J52	136	184.214	0.110	11.7	0.1242	0.0000	OK
240 minute winter	J53	136	184.191	0.104	12.2	0.1176	0.0000	OK
240 minute winter	J54	140	185.017	0.038	1.5	0.0425	0.0000	OK
240 minute winter	J55	140	184.988	0.044	2.2	0.0501	0.0000	OK
240 minute winter	J56	280	184.108	0.141	17.7	0.1597	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J42	48.003	S21	1.9	0.537	0.316	0.0284
240 minute winter	J43	48.005	J44	3.5	0.524	0.251	0.0107
240 minute winter	J44	48.006	J45	4.2	0.506	0.313	0.0727
240 minute winter	J45	48.007	S22	4.9	0.466	0.358	0.0250
240 minute winter	J46	48.009	J47	6.7	0.619	0.500	0.0454
240 minute winter	J47	48.010	S23	7.2	0.719	0.541	0.0265
240 minute winter	J48	48.012	J49	9.0	0.466	0.302	0.1442
240 minute winter	J49	48.013	J50	9.7	0.475	0.316	0.0232
240 minute winter	J50	48.014	J51	10.4	0.507	0.347	0.1036
240 minute winter	J51	48.015	J52	10.9	0.543	0.356	0.0228
240 minute winter	J52	48.016	J53	11.7	0.629	0.383	0.0906
240 minute winter	J53	48.017	S24	12.2	0.743	0.405	0.1686
240 minute winter	J54	65.002	J55	1.5	0.506	0.258	0.0110
240 minute winter	J55	65.003	S24	2.2	0.679	0.374	0.0255
240 minute winter	J56	48.019	J57	17.7	0.599	0.326	0.3260

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Results for 100 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J57	280	184.108	0.163	18.2	0.1846	0.0000	OK
240 minute winter	BASIN 1	248	186.098	1.098	24.3	148.1056	0.0000	SURCHARGED
240 minute winter	BASIN 2	480	184.601	0.300	1.5	28.2253	0.0000	OK
240 minute winter	BASIN 3	280	183.248	0.148	17.1	103.5943	0.0000	OK
240 minute winter	BASIN 4	280	184.108	0.778	18.2	112.7149	0.0000	SURCHARGED
240 minute winter	SWALE 1	252	184.966	0.034	1.5	0.0386	0.0000	OK
240 minute winter	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
240 minute winter	SWALE 3	132	184.173	0.103	17.0	0.1165	0.0000	OK
240 minute winter	BH1	480	184.600	0.523	0.8	2.3199	0.0000	OK
240 minute winter	BH2	284	183.248	0.196	2.4	2.5808	0.0000	OK
240 minute winter	BH3	280	184.108	0.802	2.3	5.3488	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J57	48.020	S25	18.2	0.655	0.337	0.3323
240 minute winter	BASIN 1	1.023	S5	1.5	0.212	0.028	0.6013
240 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
240 minute winter	BASIN 2	71.000	BH1	0.8	0.442	0.143	0.1829
240 minute winter	BASIN 3	1.034	BH2	2.4	0.332	0.029	1.3329
240 minute winter	BASIN 4	48.022	BH3	2.3	0.516	0.043	0.7181
240 minute winter	SWALE 1	1.025	S6	1.5	0.331	0.028	0.1676
240 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
240 minute winter	SWALE 3	1.033	BASIN 3	17.1	0.820	0.246	0.8992
240 minute winter	BH1	Infiltration		0.1			
240 minute winter	BH2	Infiltration		0.2			
240 minute winter	BH3	Infiltration		0.2			

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S1	184	188.392	0.022	0.9	0.0293	0.0000	OK
360 minute summer	S2	192	187.136	0.097	10.4	0.1432	0.0000	OK
360 minute summer	S3	192	186.316	0.104	15.1	0.1352	0.0000	OK
360 minute summer	S4	368	186.110	0.732	23.8	0.8691	0.0000	SURCHARGED
360 minute summer	S5	376	186.110	1.130	1.5	1.2777	0.0000	SURCHARGED
360 minute summer	S6	376	184.879	0.035	1.5	0.0392	0.0000	OK
360 minute summer	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
360 minute summer	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
360 minute summer	S9	192	184.255	0.055	0.0	0.0617	0.0000	OK
360 minute summer	S10	192	184.255	0.071	16.5	0.1076	0.0000	OK
360 minute summer	S11	184	186.444	0.044	2.1	0.0724	0.0000	OK
360 minute summer	S12	184	186.235	0.059	3.6	0.0666	0.0000	OK
360 minute summer	S13	192	186.082	0.048	6.7	0.0685	0.0000	OK
360 minute summer	S14	184	185.336	0.086	9.2	0.1351	0.0000	OK
360 minute summer	S15	184	184.921	0.054	12.0	0.0750	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	S1	1.000	J1	0.9	0.457	0.103	0.0163
360 minute summer	S2	1.012	J12	10.4	0.700	0.350	0.0223
360 minute summer	S3	1.019	J18	15.1	1.070	0.493	0.0727
360 minute summer	S4	1.022	BASIN 1	23.3	1.438	0.139	1.1778
360 minute summer	S5	1.024	SWALE 1	1.5	0.332	0.028	0.0903
360 minute summer	S6	1.026	BASIN 2	1.5	0.378	0.027	0.0225
360 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
360 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0524
360 minute summer	S9	1.031	S10	0.0	-0.025	-0.001	0.0712
360 minute summer	S10	1.032	SWALE 3	16.5	0.997	0.092	0.0732
360 minute summer	S11	32.000	J28	2.1	0.590	0.351	0.0160
360 minute summer	S12	32.003	J30	3.6	0.532	0.270	0.0344
360 minute summer	S13	32.007	J33	6.7	1.406	0.208	0.0620
360 minute summer	S14	32.009	J34	9.2	0.936	0.530	0.0514
360 minute summer	S15	32.013	J37	11.6	1.047	0.126	0.1051

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S16	192	184.608	0.051	12.9	0.0644	0.0000	OK
360 minute summer	S17	376	186.114	0.114	0.3	0.1285	0.0000	SURCHARGED
360 minute summer	S18	376	186.113	0.452	3.9	0.6392	0.0000	SURCHARGED
360 minute summer	S19	376	186.112	0.621	7.2	0.8514	0.0000	SURCHARGED
360 minute summer	S20	192	184.674	0.032	1.2	0.0387	0.0000	OK
360 minute summer	S21	192	184.510	0.051	2.7	0.0604	0.0000	OK
360 minute summer	S22	192	184.372	0.086	5.8	0.1047	0.0000	OK
360 minute summer	S23	192	184.262	0.104	8.0	0.1225	0.0000	OK
360 minute summer	S24	392	184.131	0.154	16.6	0.2236	0.0000	OK
360 minute summer	S25	392	184.131	0.205	17.4	0.2318	0.0000	OK
360 minute summer	S26	192	185.399	0.021	0.8	0.0259	0.0000	OK
360 minute summer	FC1	200	188.655	0.405	0.8	0.5394	0.0000	SURCHARGED
360 minute summer	FC2	200	188.556	0.406	0.8	0.5399	0.0000	SURCHARGED
360 minute summer	FC3	208	188.834	0.634	1.3	1.2623	0.0000	SURCHARGED
360 minute summer	FC4	192	188.512	0.312	0.7	0.4025	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	S16	32.015	J38	12.9	0.974	0.088	0.0314
360 minute summer	S17	23.001	J20	0.3	0.307	0.058	0.0560
360 minute summer	S18	23.006	J24	3.9	0.521	0.284	0.0323
360 minute summer	S19	23.010	J27	7.1	0.532	0.237	0.3541
360 minute summer	S20	48.001	J41	1.2	0.562	0.198	0.0097
360 minute summer	S21	48.004	J43	2.7	0.708	0.459	0.0195
360 minute summer	S22	48.008	J46	5.8	0.558	0.430	0.0251
360 minute summer	S23	48.011	J48	8.0	0.458	0.259	0.0196
360 minute summer	S24	48.018	J56	16.6	0.562	0.311	0.1608
360 minute summer	S25	48.021	BASIN 4	17.4	0.756	0.316	0.1673
360 minute summer	S26	65.001	J54	0.8	0.696	0.097	0.0103
360 minute summer	FC1	2.000	J1	0.6	0.392	0.101	0.0092
360 minute summer	FC2	3.000	J2	0.6	0.252	0.105	0.0132
360 minute summer	FC3	4.000	J3	0.8	0.546	0.124	0.0135
360 minute summer	FC4	5.000	J4	0.5	0.555	0.072	0.0073

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC5	200	188.406	0.406	0.8	0.5408	0.0000	SURCHARGED
360 minute summer	FC6	192	188.161	0.311	0.7	0.4012	0.0000	SURCHARGED
360 minute summer	FC7	200	188.062	0.312	0.7	0.4032	0.0000	SURCHARGED
360 minute summer	FC8	200	188.152	0.402	0.8	0.5351	0.0000	SURCHARGED
360 minute summer	FC9	200	187.784	0.314	0.7	0.4052	0.0000	SURCHARGED
360 minute summer	FC10	200	188.095	0.625	1.2	0.9929	0.0000	SURCHARGED
360 minute summer	FC11	200	187.634	0.314	0.7	0.4114	0.0000	SURCHARGED
360 minute summer	FC12	200	187.544	0.314	0.7	0.4115	0.0000	SURCHARGED
360 minute summer	FC13	200	187.406	0.406	0.8	0.5405	0.0000	SURCHARGED
360 minute summer	FC14	216	187.037	0.137	0.8	1.7526	0.0000	SURCHARGED
360 minute summer	FC15	192	187.507	0.307	0.7	0.3967	0.0000	SURCHARGED
360 minute summer	FC16	200	187.213	0.313	0.7	0.4042	0.0000	SURCHARGED
360 minute summer	FC17	192	187.309	0.309	0.7	0.3985	0.0000	SURCHARGED
360 minute summer	FC18	200	186.864	0.314	0.7	0.4053	0.0000	SURCHARGED
360 minute summer	FC19	200	186.806	0.406	0.8	0.5406	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC5	6.000	J5	0.6	0.480	0.106	0.0054
360 minute summer	FC6	7.000	J6	0.5	0.610	0.063	0.0066
360 minute summer	FC7	8.000	J7	0.5	0.530	0.077	0.0076
360 minute summer	FC8	9.000	J8	0.6	0.680	0.065	0.0039
360 minute summer	FC9	10.000	J9	0.5	0.468	0.092	0.0085
360 minute summer	FC10	11.000	J10	0.8	0.557	0.118	0.0088
360 minute summer	FC11	12.000	J11	0.5	0.466	0.093	0.0091
360 minute summer	FC12	13.000	S2	0.5	0.466	0.093	0.0081
360 minute summer	FC13	14.000	J12	0.6	0.485	0.106	0.0088
360 minute summer	FC14	15.000	J13	0.4	0.411	0.059	0.0065
360 minute summer	FC15	16.000	J14	0.5	0.989	0.032	0.0026
360 minute summer	FC16	17.000	J15	0.5	0.497	0.085	0.0084
360 minute summer	FC17	18.000	J16	0.5	0.787	0.044	0.0034
360 minute summer	FC18	19.000	J17	0.5	0.465	0.093	0.0083
360 minute summer	FC19	20.000	S3	0.6	0.482	0.106	0.0086

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC20	200	187.349	0.399	0.8	0.5308	0.0000	SURCHARGED
360 minute summer	FC21	200	186.706	0.406	0.8	0.5405	0.0000	SURCHARGED
360 minute summer	FC22	216	186.576	0.126	0.7	1.2204	0.0000	SURCHARGED
360 minute summer	FC23	200	186.614	0.314	0.7	0.4048	0.0000	SURCHARGED
360 minute summer	FC24	200	186.704	0.404	0.8	0.5379	0.0000	SURCHARGED
360 minute summer	FC25	200	186.949	0.399	0.8	0.5309	0.0000	SURCHARGED
360 minute summer	FC26	216	186.573	0.123	0.7	1.2436	0.0000	SURCHARGED
360 minute summer	FC27	192	186.807	0.307	0.7	0.3965	0.0000	SURCHARGED
360 minute summer	FC28	200	186.899	0.399	0.8	0.5309	0.0000	SURCHARGED
360 minute summer	FC29	200	186.960	0.460	0.9	0.6217	0.0000	SURCHARGED
360 minute summer	FC30	200	187.149	0.399	0.8	0.5315	0.0000	SURCHARGED
360 minute summer	FC31	192	186.760	0.310	0.7	0.4006	0.0000	SURCHARGED
360 minute summer	FC32	192	186.758	0.308	0.7	0.3981	0.0000	SURCHARGED
360 minute summer	FC33	200	186.850	0.400	0.8	0.5317	0.0000	SURCHARGED
360 minute summer	FC34	200	186.856	0.406	0.8	0.5402	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC20	21.000	J18	0.6	0.971	0.039	0.0028
360 minute summer	FC21	22.000	J19	0.6	0.484	0.106	0.0099
360 minute summer	FC22	23.000	S17	0.3	0.582	0.018	0.0191
360 minute summer	FC23	24.000	J20	0.5	0.484	0.087	0.0052
360 minute summer	FC24	25.000	J21	0.6	0.564	0.084	0.0052
360 minute summer	FC25	26.000	J22	0.6	0.964	0.040	0.0031
360 minute summer	FC26	27.000	J23	0.3	0.710	0.025	0.0022
360 minute summer	FC27	28.000	J24	0.5	1.020	0.030	0.0024
360 minute summer	FC28	29.000	J25	0.6	0.969	0.039	0.0028
360 minute summer	FC29	30.000	J26	0.7	0.964	0.044	0.0033
360 minute summer	FC30	31.000	J27	0.6	0.905	0.043	0.0031
360 minute summer	FC31	33.000	J28	0.5	0.303	0.061	0.0096
360 minute summer	FC32	34.000	J29	0.5	0.263	0.043	0.0105
360 minute summer	FC33	35.000	S12	0.6	0.890	0.044	0.0029
360 minute summer	FC34	36.000	J30	0.6	0.496	0.101	0.0060

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC35	200	186.849	0.399	0.8	0.5315	0.0000	SURCHARGED
360 minute summer	FC36	200	186.910	0.460	0.9	0.6213	0.0000	SURCHARGED
360 minute summer	FC37	200	186.414	0.614	1.1	0.8540	0.0000	SURCHARGED
360 minute summer	FC38	216	185.562	0.112	0.7	1.3451	0.0000	SURCHARGED
360 minute summer	FC39	192	185.758	0.308	0.7	0.3976	0.0000	SURCHARGED
360 minute summer	FC40	200	185.898	0.398	0.8	0.5297	0.0000	SURCHARGED
360 minute summer	FC41	200	185.251	0.401	0.8	0.5342	0.0000	SURCHARGED
360 minute summer	FC42	200	185.003	0.403	0.8	0.5362	0.0000	SURCHARGED
360 minute summer	FC43	200	185.001	0.401	0.8	0.5340	0.0000	SURCHARGED
360 minute summer	FC44	184	184.618	0.017	0.7	0.0226	0.0000	OK
360 minute summer	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
360 minute summer	FC46	200	185.325	0.625	1.2	0.9942	0.0000	SURCHARGED
360 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute summer	FC48	200	185.199	0.399	0.8	0.5315	0.0000	SURCHARGED
360 minute summer	FC49	200	185.206	0.406	0.8	0.5408	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC35	37.000	J31	0.6	0.896	0.044	0.0038
360 minute summer	FC36	38.000	J32	0.7	0.970	0.043	0.0042
360 minute summer	FC37	39.000	J33	0.8	0.684	0.088	0.0075
360 minute summer	FC38	40.000	J34	0.3	0.671	0.026	0.0022
360 minute summer	FC39	41.000	J35	0.5	0.869	0.038	0.0028
360 minute summer	FC40	42.000	J36	0.6	1.103	0.033	0.0029
360 minute summer	FC41	43.000	J37	0.6	0.721	0.060	0.0044
360 minute summer	FC42	44.000	J38	0.6	0.628	0.073	0.0049
360 minute summer	FC43	45.000	J39	0.6	0.734	0.058	0.0037
360 minute summer	FC44	46.000	J40	0.7	0.777	0.062	0.0039
360 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
360 minute summer	FC46	48.000	S20	0.8	0.462	0.132	0.0109
360 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0055
360 minute summer	FC48	50.000	J42	0.6	0.396	0.045	0.0086
360 minute summer	FC49	51.000	S21	0.6	0.480	0.106	0.0057

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC50	200	185.206	0.406	0.8	0.5408	0.0000	SURCHARGED
360 minute summer	FC51	200	185.256	0.406	0.8	0.5406	0.0000	SURCHARGED
360 minute summer	FC52	200	185.817	0.566	1.0	0.7766	0.0000	SURCHARGED
360 minute summer	FC53	200	185.652	0.402	0.8	0.5355	0.0000	SURCHARGED
360 minute summer	FC54	192	185.560	0.310	0.7	0.3996	0.0000	SURCHARGED
360 minute summer	FC55	192	185.558	0.308	0.7	0.3974	0.0000	SURCHARGED
360 minute summer	FC56	200	185.749	0.399	0.8	0.5310	0.0000	SURCHARGED
360 minute summer	FC57	200	185.749	0.399	0.8	0.5316	0.0000	SURCHARGED
360 minute summer	FC58	192	185.658	0.308	0.7	0.3980	0.0000	SURCHARGED
360 minute summer	FC59	192	185.659	0.309	0.7	0.3987	0.0000	SURCHARGED
360 minute summer	FC60	200	185.751	0.400	0.8	0.5331	0.0000	SURCHARGED
360 minute summer	FC61	200	185.703	0.403	0.8	0.5360	0.0000	SURCHARGED
360 minute summer	FC62	208	185.881	0.631	1.2	1.1593	0.0000	SURCHARGED
360 minute summer	FC63	200	185.715	0.315	0.7	0.4061	0.0000	SURCHARGED
360 minute summer	FC64	200	185.406	0.406	0.8	0.5403	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC50	52.000	J43	0.6	0.481	0.106	0.0061
360 minute summer	FC51	55.000	S22	0.6	0.483	0.106	0.0080
360 minute summer	FC52	58.000	S23	0.7	0.738	0.074	0.0055
360 minute summer	FC53	61.000	J50	0.6	0.659	0.067	0.0041
360 minute summer	FC54	62.000	J51	0.5	0.704	0.051	0.0031
360 minute summer	FC55	64.000	J53	0.5	0.888	0.037	0.0026
360 minute summer	FC56	53.000	J44	0.6	0.953	0.040	0.0043
360 minute summer	FC57	54.000	J45	0.6	0.894	0.044	0.0045
360 minute summer	FC58	56.000	J46	0.5	0.826	0.041	0.0041
360 minute summer	FC59	57.000	J47	0.5	0.767	0.046	0.0046
360 minute summer	FC60	59.000	J48	0.6	0.789	0.053	0.0053
360 minute summer	FC61	60.000	J49	0.6	0.632	0.073	0.0073
360 minute summer	FC62	63.000	J52	0.8	0.623	0.103	0.0119
360 minute summer	FC63	65.000	S26	0.5	0.459	0.093	0.0030
360 minute summer	FC64	66.000	J54	0.6	0.330	0.106	0.0043

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC65	200	185.548	0.398	0.8	0.5297	0.0000	SURCHARGED
360 minute summer	FC66	200	185.405	0.405	0.8	0.5390	0.0000	SURCHARGED
360 minute summer	FC67	216	184.924	0.124	0.7	1.2766	0.0000	SURCHARGED
360 minute summer	FC68	192	184.861	0.311	0.7	0.4015	0.0000	SURCHARGED
360 minute summer	J1	184	188.238	0.038	2.4	0.0514	0.0000	OK
360 minute summer	J2	184	188.163	0.057	2.9	0.0647	0.0000	OK
360 minute summer	J3	184	188.100	0.054	3.7	0.0616	0.0000	OK
360 minute summer	J4	192	188.074	0.039	4.2	0.0444	0.0000	OK
360 minute summer	J5	192	187.946	0.036	4.8	0.0407	0.0000	OK
360 minute summer	J6	192	187.705	0.055	5.4	0.0626	0.0000	OK
360 minute summer	J7	192	187.669	0.069	5.9	0.0781	0.0000	OK
360 minute summer	J8	192	187.643	0.050	6.5	0.0567	0.0000	OK
360 minute summer	J9	192	187.345	0.070	7.1	0.0788	0.0000	OK
360 minute summer	J10	192	187.311	0.041	7.8	0.0462	0.0000	OK
360 minute summer	J11	192	187.181	0.060	8.4	0.0674	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC65	67.000	J55	0.6	0.362	0.034	0.0041
360 minute summer	FC66	68.000	S24	0.6	0.539	0.087	0.0025
360 minute summer	FC67	69.000	J56	0.3	0.393	0.056	0.0018
360 minute summer	FC68	70.000	J57	0.5	0.609	0.061	0.0021
360 minute summer	J1	1.001	J2	2.4	0.640	0.284	0.0185
360 minute summer	J2	1.002	J3	2.9	0.686	0.491	0.0044
360 minute summer	J3	1.003	J4	3.7	0.785	0.277	0.0092
360 minute summer	J4	1.004	J5	4.2	1.218	0.125	0.0122
360 minute summer	J5	1.005	J6	4.8	1.066	0.126	0.0259
360 minute summer	J6	1.006	J7	5.4	0.776	0.188	0.0136
360 minute summer	J7	1.007	J8	5.9	0.906	0.424	0.0074
360 minute summer	J8	1.008	J9	6.5	1.317	0.216	0.0419
360 minute summer	J9	1.009	J10	7.1	0.936	0.212	0.0092
360 minute summer	J10	1.010	J11	7.8	1.191	0.061	0.0163
360 minute summer	J11	1.011	S2	8.4	0.682	0.130	0.0667

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J12	192	186.874	0.065	11.1	0.0736	0.0000	OK
360 minute summer	J13	192	186.819	0.117	11.4	0.1325	0.0000	OK
360 minute summer	J14	192	186.806	0.111	11.9	0.1256	0.0000	OK
360 minute summer	J15	192	186.788	0.100	12.5	0.1126	0.0000	OK
360 minute summer	J16	192	186.752	0.082	13.0	0.0927	0.0000	OK
360 minute summer	J17	192	186.414	0.056	13.6	0.0633	0.0000	OK
360 minute summer	J18	192	186.264	0.069	15.7	0.0786	0.0000	OK
360 minute summer	J19	192	186.141	0.114	16.3	0.1286	0.0000	OK
360 minute summer	J20	376	186.114	0.183	0.9	0.2065	0.0000	SURCHARGED
360 minute summer	J21	376	186.114	0.219	1.5	0.2472	0.0000	SURCHARGED
360 minute summer	J22	376	186.114	0.296	2.1	0.3343	0.0000	SURCHARGED
360 minute summer	J23	376	186.114	0.331	2.5	0.3738	0.0000	SURCHARGED
360 minute summer	J24	376	186.113	0.463	4.4	0.5241	0.0000	SURCHARGED
360 minute summer	J25	376	186.113	0.498	5.1	0.5635	0.0000	SURCHARGED
360 minute summer	J26	376	186.114	0.527	5.7	0.5957	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J12	1.013	J13	11.1	0.734	0.165	0.0983
360 minute summer	J13	1.014	J14	11.4	0.563	0.362	0.0383
360 minute summer	J14	1.015	J15	11.9	0.654	0.382	0.0349
360 minute summer	J15	1.016	J16	12.5	0.832	0.407	0.0769
360 minute summer	J16	1.017	J17	13.0	1.099	0.216	0.0398
360 minute summer	J17	1.018	S3	13.6	1.073	0.093	0.0242
360 minute summer	J18	1.020	J19	15.7	1.807	0.121	0.0130
360 minute summer	J19	1.021	S4	16.3	0.741	0.296	0.0968
360 minute summer	J20	23.002	J21	0.9	0.428	0.149	0.0295
360 minute summer	J21	23.003	J22	1.5	0.514	0.254	0.0627
360 minute summer	J22	23.004	J23	2.1	0.603	0.358	0.0281
360 minute summer	J23	23.005	S18	2.5	0.699	0.418	0.0587
360 minute summer	J24	23.007	J25	4.4	0.561	0.334	0.1088
360 minute summer	J25	23.008	J26	5.1	0.583	0.381	0.0874
360 minute summer	J26	23.009	S19	5.7	0.685	0.430	0.0652

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J27	376	186.116	0.655	7.7	0.7406	0.0000	SURCHARGED
360 minute summer	J28	184	186.404	0.048	2.6	0.0543	0.0000	OK
360 minute summer	J29	184	186.326	0.055	3.1	0.0621	0.0000	OK
360 minute summer	J30	192	186.211	0.064	4.2	0.0727	0.0000	OK
360 minute summer	J31	192	186.185	0.066	4.8	0.0746	0.0000	OK
360 minute summer	J32	192	186.132	0.068	5.5	0.0774	0.0000	OK
360 minute summer	J33	192	185.657	0.047	7.4	0.0528	0.0000	OK
360 minute summer	J34	184	185.203	0.078	9.4	0.0885	0.0000	OK
360 minute summer	J35	192	185.126	0.051	9.9	0.0580	0.0000	OK
360 minute summer	J36	192	184.962	0.087	10.6	0.0982	0.0000	OK
360 minute summer	J37	192	184.667	0.092	12.2	0.1042	0.0000	OK
360 minute summer	J38	192	184.490	0.115	13.5	0.1303	0.0000	OK
360 minute summer	J39	192	184.452	0.114	14.2	0.1286	0.0000	OK
360 minute summer	J40	192	184.423	0.098	14.8	0.1105	0.0000	OK
360 minute summer	J41	192	184.628	0.031	1.2	0.0352	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J27	23.011	S4	7.4	0.618	0.248	0.0951
360 minute summer	J28	32.001	J29	2.6	0.633	0.434	0.0358
360 minute summer	J29	32.002	S12	3.0	0.727	0.514	0.0195
360 minute summer	J30	32.004	J31	4.2	0.574	0.316	0.0365
360 minute summer	J31	32.005	J32	4.8	0.630	0.362	0.0744
360 minute summer	J32	32.006	S13	5.5	0.867	0.412	0.0336
360 minute summer	J33	32.008	S14	7.5	0.999	0.210	0.0684
360 minute summer	J34	32.010	J35	9.4	0.999	0.244	0.0859
360 minute summer	J35	32.011	J36	9.9	0.964	0.112	0.0718
360 minute summer	J36	32.012	S15	10.8	1.027	0.360	0.0253
360 minute summer	J37	32.014	S16	12.3	1.135	0.404	0.0571
360 minute summer	J38	32.016	J39	13.5	0.668	0.448	0.2193
360 minute summer	J39	32.017	J40	14.2	0.774	0.460	0.0669
360 minute summer	J40	32.018	S10	14.8	0.944	0.344	0.1501
360 minute summer	J41	48.002	J42	1.2	0.491	0.199	0.0150

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J42	192	184.575	0.038	1.8	0.0431	0.0000	OK
360 minute summer	J43	192	184.420	0.060	3.3	0.0678	0.0000	OK
360 minute summer	J44	192	184.407	0.057	3.9	0.0647	0.0000	OK
360 minute summer	J45	192	184.380	0.080	4.6	0.0904	0.0000	OK
360 minute summer	J46	192	184.357	0.085	6.3	0.0960	0.0000	OK
360 minute summer	J47	192	184.334	0.086	6.9	0.0969	0.0000	OK
360 minute summer	J48	192	184.254	0.100	8.6	0.1130	0.0000	OK
360 minute summer	J49	192	184.242	0.113	9.2	0.1281	0.0000	OK
360 minute summer	J50	192	184.234	0.109	9.8	0.1235	0.0000	OK
360 minute summer	J51	192	184.222	0.114	10.3	0.1286	0.0000	OK
360 minute summer	J52	192	184.211	0.107	11.1	0.1206	0.0000	OK
360 minute summer	J53	192	184.188	0.101	11.7	0.1145	0.0000	OK
360 minute summer	J54	192	185.016	0.037	1.5	0.0415	0.0000	OK
360 minute summer	J55	192	184.987	0.043	2.1	0.0484	0.0000	OK
360 minute summer	J56	392	184.131	0.164	16.9	0.1855	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J42	48.003	S21	1.8	0.534	0.305	0.0276
360 minute summer	J43	48.005	J44	3.3	0.522	0.238	0.0102
360 minute summer	J44	48.006	J45	3.9	0.502	0.295	0.0689
360 minute summer	J45	48.007	S22	4.6	0.463	0.336	0.0237
360 minute summer	J46	48.009	J47	6.3	0.611	0.473	0.0436
360 minute summer	J47	48.010	S23	6.9	0.709	0.514	0.0255
360 minute summer	J48	48.012	J49	8.6	0.464	0.287	0.1379
360 minute summer	J49	48.013	J50	9.2	0.470	0.300	0.0222
360 minute summer	J50	48.014	J51	9.8	0.500	0.328	0.0994
360 minute summer	J51	48.015	J52	10.3	0.535	0.337	0.0219
360 minute summer	J52	48.016	J53	11.1	0.620	0.364	0.0873
360 minute summer	J53	48.017	S24	11.6	0.733	0.386	0.1629
360 minute summer	J54	65.002	J55	1.5	0.504	0.247	0.0105
360 minute summer	J55	65.003	S24	2.1	0.669	0.352	0.0244
360 minute summer	J56	48.019	J57	16.9	0.593	0.312	0.3873

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Results for 100 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J57	392	184.131	0.186	17.5	0.2103	0.0000	OK
360 minute summer	BASIN 1	376	186.110	1.110	23.3	150.0692	0.0000	SURCHARGED
360 minute summer	BASIN 2	600	184.664	0.364	1.5	34.7982	0.0000	OK
360 minute summer	BASIN 3	400	183.254	0.154	16.6	107.9572	0.0000	OK
360 minute summer	BASIN 4	392	184.131	0.801	17.4	116.4918	0.0000	SURCHARGED
360 minute summer	SWALE 1	376	184.966	0.034	1.5	0.0387	0.0000	OK
360 minute summer	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWALE 3	192	184.172	0.102	16.5	0.1148	0.0000	OK
360 minute summer	BH1	600	184.664	0.587	0.6	2.5031	0.0000	OK
360 minute summer	BH2	392	183.254	0.202	1.3	2.6102	0.0000	OK
360 minute summer	BH3	392	184.131	0.825	1.8	5.4549	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J57	48.020	S25	17.4	0.647	0.323	0.3846
360 minute summer	BASIN 1	1.023	S5	1.5	0.211	0.028	0.6013
360 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
360 minute summer	BASIN 2	71.000	BH1	0.6	0.425	0.107	0.1829
360 minute summer	BASIN 3	1.034	BH2	1.3	0.267	0.016	1.3933
360 minute summer	BASIN 4	48.022	BH3	1.8	0.469	0.033	0.7181
360 minute summer	SWALE 1	1.025	S6	1.5	0.331	0.028	0.1683
360 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
360 minute summer	SWALE 3	1.033	BASIN 3	16.6	0.814	0.239	0.8819
360 minute summer	BH1	Infiltration		0.1			
360 minute summer	BH2	Infiltration		0.2			
360 minute summer	BH3	Infiltration		0.2			

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S1	184	188.389	0.019	0.7	0.0259	0.0000	OK
360 minute winter	S2	200	187.128	0.089	8.9	0.1314	0.0000	OK
360 minute winter	S3	192	186.308	0.096	12.9	0.1244	0.0000	OK
360 minute winter	S4	360	186.195	0.817	20.0	0.9711	0.0000	SURCHARGED
360 minute winter	S5	360	186.195	1.215	1.5	1.3745	0.0000	SURCHARGED
360 minute winter	S6	368	184.879	0.035	1.5	0.0399	0.0000	OK
360 minute winter	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
360 minute winter	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
360 minute winter	S9	192	184.247	0.047	0.0	0.0531	0.0000	OK
360 minute winter	S10	192	184.247	0.063	13.8	0.0961	0.0000	OK
360 minute winter	S11	192	186.437	0.037	1.5	0.0596	0.0000	OK
360 minute winter	S12	192	186.228	0.052	3.0	0.0591	0.0000	OK
360 minute winter	S13	192	186.078	0.044	5.6	0.0623	0.0000	OK
360 minute winter	S14	192	185.326	0.076	7.6	0.1199	0.0000	OK
360 minute winter	S15	192	184.916	0.049	10.0	0.0686	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	S1	1.000	J1	0.7	0.425	0.080	0.0137
360 minute winter	S2	1.012	J12	8.9	0.668	0.298	0.0199
360 minute winter	S3	1.019	J18	12.9	1.031	0.422	0.0646
360 minute winter	S4	1.022	BASIN 1	19.8	1.322	0.118	1.1778
360 minute winter	S5	1.024	SWALE 1	1.5	0.336	0.029	0.0928
360 minute winter	S6	1.026	BASIN 2	1.5	0.383	0.028	0.0231
360 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
360 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0422
360 minute winter	S9	1.031	S10	0.0	-0.018	0.000	0.0593
360 minute winter	S10	1.032	SWALE 3	13.8	0.958	0.076	0.0632
360 minute winter	S11	32.000	J28	1.5	0.545	0.252	0.0126
360 minute winter	S12	32.003	J30	3.0	0.506	0.221	0.0297
360 minute winter	S13	32.007	J33	5.6	1.335	0.174	0.0546
360 minute winter	S14	32.009	J34	7.6	0.896	0.438	0.0444
360 minute winter	S15	32.013	J37	9.7	0.990	0.105	0.0931

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S16	192	184.602	0.045	10.8	0.0570	0.0000	OK
360 minute winter	S17	360	186.196	0.196	0.3	0.2215	0.0000	SURCHARGED
360 minute winter	S18	360	186.195	0.534	3.4	0.7551	0.0000	SURCHARGED
360 minute winter	S19	368	186.195	0.704	6.1	0.9647	0.0000	SURCHARGED
360 minute winter	S20	208	184.672	0.029	1.0	0.0359	0.0000	OK
360 minute winter	S21	200	184.505	0.046	2.3	0.0548	0.0000	OK
360 minute winter	S22	192	184.363	0.077	4.9	0.0940	0.0000	OK
360 minute winter	S23	200	184.251	0.093	6.8	0.1103	0.0000	OK
360 minute winter	S24	384	184.195	0.218	14.2	0.3158	0.0000	OK
360 minute winter	S25	384	184.195	0.269	15.0	0.3037	0.0000	OK
360 minute winter	S26	200	185.396	0.019	0.7	0.0229	0.0000	OK
360 minute winter	FC1	200	188.560	0.310	0.6	0.4121	0.0000	SURCHARGED
360 minute winter	FC2	200	188.460	0.310	0.6	0.4126	0.0000	SURCHARGED
360 minute winter	FC3	208	188.825	0.625	1.0	1.0281	0.0000	SURCHARGED
360 minute winter	FC4	192	188.422	0.222	0.5	0.2871	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	S16	32.015	J38	10.8	0.948	0.074	0.0270
360 minute winter	S17	23.001	J20	0.3	0.289	0.055	0.0560
360 minute winter	S18	23.006	J24	3.3	0.506	0.242	0.0323
360 minute winter	S19	23.010	J27	5.8	0.513	0.193	0.3541
360 minute winter	S20	48.001	J41	1.0	0.543	0.173	0.0088
360 minute winter	S21	48.004	J43	2.3	0.681	0.391	0.0173
360 minute winter	S22	48.008	J46	4.9	0.545	0.367	0.0220
360 minute winter	S23	48.011	J48	6.8	0.449	0.220	0.0170
360 minute winter	S24	48.018	J56	14.2	0.542	0.266	0.2378
360 minute winter	S25	48.021	BASIN 4	15.0	0.723	0.272	0.2146
360 minute winter	S26	65.001	J54	0.7	0.647	0.075	0.0086
360 minute winter	FC1	2.000	J1	0.5	0.367	0.088	0.0080
360 minute winter	FC2	3.000	J2	0.5	0.237	0.092	0.0116
360 minute winter	FC3	4.000	J3	0.8	0.545	0.123	0.0135
360 minute winter	FC4	5.000	J4	0.5	0.526	0.060	0.0064

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC5	200	188.311	0.311	0.6	0.4135	0.0000	SURCHARGED
360 minute winter	FC6	192	188.071	0.221	0.5	0.2858	0.0000	SURCHARGED
360 minute winter	FC7	192	187.973	0.223	0.5	0.2878	0.0000	SURCHARGED
360 minute winter	FC8	200	188.056	0.306	0.6	0.4078	0.0000	SURCHARGED
360 minute winter	FC9	192	187.694	0.224	0.5	0.2897	0.0000	SURCHARGED
360 minute winter	FC10	208	188.015	0.545	0.8	0.7691	0.0000	SURCHARGED
360 minute winter	FC11	208	187.575	0.255	0.5	0.3340	0.0000	SURCHARGED
360 minute winter	FC12	208	187.485	0.255	0.5	0.3341	0.0000	SURCHARGED
360 minute winter	FC13	200	187.310	0.310	0.6	0.4132	0.0000	SURCHARGED
360 minute winter	FC14	232	187.040	0.140	0.6	1.7906	0.0000	SURCHARGED
360 minute winter	FC15	192	187.418	0.218	0.5	0.2811	0.0000	SURCHARGED
360 minute winter	FC16	192	187.124	0.224	0.5	0.2887	0.0000	SURCHARGED
360 minute winter	FC17	192	187.219	0.219	0.5	0.2829	0.0000	SURCHARGED
360 minute winter	FC18	192	186.774	0.224	0.5	0.2897	0.0000	SURCHARGED
360 minute winter	FC19	200	186.711	0.311	0.6	0.4133	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC5	6.000	J5	0.5	0.461	0.092	0.0049
360 minute winter	FC6	7.000	J6	0.5	0.579	0.053	0.0058
360 minute winter	FC7	8.000	J7	0.5	0.503	0.064	0.0066
360 minute winter	FC8	9.000	J8	0.5	0.653	0.056	0.0035
360 minute winter	FC9	10.000	J9	0.5	0.444	0.077	0.0074
360 minute winter	FC10	11.000	J10	0.7	0.547	0.110	0.0083
360 minute winter	FC11	12.000	J11	0.5	0.451	0.083	0.0084
360 minute winter	FC12	13.000	S2	0.5	0.451	0.083	0.0075
360 minute winter	FC13	14.000	J12	0.5	0.466	0.092	0.0080
360 minute winter	FC14	15.000	J13	0.4	0.412	0.060	0.0065
360 minute winter	FC15	16.000	J14	0.5	0.938	0.026	0.0023
360 minute winter	FC16	17.000	J15	0.5	0.471	0.071	0.0074
360 minute winter	FC17	18.000	J16	0.5	0.747	0.036	0.0030
360 minute winter	FC18	19.000	J17	0.5	0.441	0.077	0.0073
360 minute winter	FC19	20.000	S3	0.5	0.464	0.092	0.0078

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC20	200	187.253	0.303	0.6	0.4034	0.0000	SURCHARGED
360 minute winter	FC21	200	186.611	0.310	0.6	0.4132	0.0000	SURCHARGED
360 minute winter	FC22	224	186.565	0.115	0.5	1.1219	0.0000	SURCHARGED
360 minute winter	FC23	192	186.524	0.224	0.5	0.2892	0.0000	SURCHARGED
360 minute winter	FC24	200	186.609	0.309	0.6	0.4107	0.0000	SURCHARGED
360 minute winter	FC25	200	186.853	0.303	0.6	0.4035	0.0000	SURCHARGED
360 minute winter	FC26	224	186.563	0.113	0.5	1.1467	0.0000	SURCHARGED
360 minute winter	FC27	192	186.718	0.218	0.5	0.2810	0.0000	SURCHARGED
360 minute winter	FC28	200	186.803	0.303	0.6	0.4034	0.0000	SURCHARGED
360 minute winter	FC29	208	186.857	0.356	0.7	0.4816	0.0000	SURCHARGED
360 minute winter	FC30	200	187.054	0.304	0.6	0.4041	0.0000	SURCHARGED
360 minute winter	FC31	192	186.671	0.221	0.5	0.2852	0.0000	SURCHARGED
360 minute winter	FC32	192	186.669	0.219	0.5	0.2826	0.0000	SURCHARGED
360 minute winter	FC33	200	186.754	0.304	0.6	0.4043	0.0000	SURCHARGED
360 minute winter	FC34	200	186.760	0.310	0.6	0.4129	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC20	21.000	J18	0.5	0.932	0.034	0.0025
360 minute winter	FC21	22.000	J19	0.5	0.465	0.092	0.0090
360 minute winter	FC22	23.000	S17	0.3	0.574	0.017	0.0194
360 minute winter	FC23	24.000	J20	0.5	0.459	0.072	0.0046
360 minute winter	FC24	25.000	J21	0.5	0.542	0.073	0.0047
360 minute winter	FC25	26.000	J22	0.5	0.925	0.034	0.0028
360 minute winter	FC26	27.000	J23	0.3	0.701	0.024	0.0021
360 minute winter	FC27	28.000	J24	0.5	0.968	0.025	0.0174
360 minute winter	FC28	29.000	J25	0.5	0.930	0.034	0.0026
360 minute winter	FC29	30.000	J26	0.6	0.927	0.038	0.0030
360 minute winter	FC30	31.000	J27	0.5	0.869	0.038	0.0028
360 minute winter	FC31	33.000	J28	0.5	0.275	0.051	0.0080
360 minute winter	FC32	34.000	J29	0.5	0.243	0.036	0.0089
360 minute winter	FC33	35.000	S12	0.5	0.854	0.038	0.0026
360 minute winter	FC34	36.000	J30	0.5	0.477	0.088	0.0055

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC35	200	186.754	0.304	0.6	0.4042	0.0000	SURCHARGED
360 minute winter	FC36	208	186.806	0.356	0.7	0.4814	0.0000	SURCHARGED
360 minute winter	FC37	200	186.304	0.504	0.8	0.7011	0.0000	SURCHARGED
360 minute winter	FC38	224	185.555	0.105	0.5	1.2575	0.0000	SURCHARGED
360 minute winter	FC39	192	185.668	0.218	0.5	0.2820	0.0000	SURCHARGED
360 minute winter	FC40	200	185.802	0.302	0.6	0.4022	0.0000	SURCHARGED
360 minute winter	FC41	200	185.156	0.306	0.6	0.4069	0.0000	SURCHARGED
360 minute winter	FC42	200	184.907	0.307	0.6	0.4089	0.0000	SURCHARGED
360 minute winter	FC43	200	184.906	0.306	0.6	0.4067	0.0000	SURCHARGED
360 minute winter	FC44	184	184.615	0.015	0.5	0.0191	0.0000	OK
360 minute winter	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
360 minute winter	FC46	208	185.246	0.546	0.8	0.7703	0.0000	SURCHARGED
360 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute winter	FC48	200	185.104	0.304	0.6	0.4041	0.0000	SURCHARGED
360 minute winter	FC49	200	185.111	0.311	0.6	0.4135	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC35	37.000	J31	0.5	0.860	0.038	0.0032
360 minute winter	FC36	38.000	J32	0.6	0.946	0.037	0.0031
360 minute winter	FC37	39.000	J33	0.7	0.664	0.079	0.0070
360 minute winter	FC38	40.000	J34	0.3	0.664	0.025	0.0022
360 minute winter	FC39	41.000	J35	0.5	0.823	0.032	0.0025
360 minute winter	FC40	42.000	J36	0.5	1.058	0.028	0.0026
360 minute winter	FC41	43.000	J37	0.5	0.693	0.052	0.0040
360 minute winter	FC42	44.000	J38	0.5	0.603	0.063	0.0045
360 minute winter	FC43	45.000	J39	0.5	0.706	0.050	0.0033
360 minute winter	FC44	46.000	J40	0.5	0.708	0.044	0.0031
360 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
360 minute winter	FC46	48.000	S20	0.7	0.448	0.123	0.0101
360 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0049
360 minute winter	FC48	50.000	J42	0.5	0.370	0.039	0.0078
360 minute winter	FC49	51.000	S21	0.5	0.462	0.092	0.0051

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC50	200	185.111	0.311	0.6	0.4135	0.0000	SURCHARGED
360 minute winter	FC51	200	185.161	0.311	0.6	0.4133	0.0000	SURCHARGED
360 minute winter	FC52	200	185.681	0.431	0.7	0.5913	0.0000	SURCHARGED
360 minute winter	FC53	200	185.557	0.307	0.6	0.4082	0.0000	SURCHARGED
360 minute winter	FC54	192	185.470	0.220	0.5	0.2841	0.0000	SURCHARGED
360 minute winter	FC55	192	185.468	0.218	0.5	0.2818	0.0000	SURCHARGED
360 minute winter	FC56	200	185.653	0.303	0.6	0.4035	0.0000	SURCHARGED
360 minute winter	FC57	200	185.654	0.304	0.6	0.4042	0.0000	SURCHARGED
360 minute winter	FC58	192	185.569	0.219	0.5	0.2824	0.0000	SURCHARGED
360 minute winter	FC59	192	185.569	0.219	0.5	0.2832	0.0000	SURCHARGED
360 minute winter	FC60	200	185.655	0.305	0.6	0.4057	0.0000	SURCHARGED
360 minute winter	FC61	200	185.607	0.307	0.6	0.4088	0.0000	SURCHARGED
360 minute winter	FC62	208	185.870	0.620	0.9	0.8929	0.0000	SURCHARGED
360 minute winter	FC63	192	185.625	0.225	0.5	0.2904	0.0000	SURCHARGED
360 minute winter	FC64	200	185.310	0.310	0.6	0.4130	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC50	52.000	J43	0.5	0.462	0.092	0.0055
360 minute winter	FC51	55.000	S22	0.5	0.464	0.092	0.0072
360 minute winter	FC52	58.000	S23	0.6	0.709	0.064	0.0050
360 minute winter	FC53	61.000	J50	0.5	0.633	0.059	0.0037
360 minute winter	FC54	62.000	J51	0.5	0.668	0.042	0.0027
360 minute winter	FC55	64.000	J53	0.5	0.842	0.031	0.0023
360 minute winter	FC56	53.000	J44	0.5	0.914	0.035	0.0039
360 minute winter	FC57	54.000	J45	0.5	0.858	0.038	0.0041
360 minute winter	FC58	56.000	J46	0.5	0.784	0.034	0.0036
360 minute winter	FC59	57.000	J47	0.5	0.727	0.038	0.0040
360 minute winter	FC60	59.000	J48	0.5	0.757	0.046	0.0048
360 minute winter	FC61	60.000	J49	0.5	0.607	0.063	0.0066
360 minute winter	FC62	63.000	J52	0.8	0.621	0.102	0.0118
360 minute winter	FC63	65.000	S26	0.5	0.431	0.077	0.0025
360 minute winter	FC64	66.000	J54	0.5	0.325	0.092	0.0037

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC65	200	185.452	0.302	0.6	0.4021	0.0000	SURCHARGED
360 minute winter	FC66	200	185.309	0.309	0.6	0.4117	0.0000	SURCHARGED
360 minute winter	FC67	224	184.915	0.115	0.5	1.1864	0.0000	SURCHARGED
360 minute winter	FC68	192	184.772	0.222	0.5	0.2861	0.0000	SURCHARGED
360 minute winter	J1	184	188.233	0.033	1.9	0.0451	0.0000	OK
360 minute winter	J2	184	188.157	0.051	2.4	0.0578	0.0000	OK
360 minute winter	J3	184	188.096	0.050	3.2	0.0569	0.0000	OK
360 minute winter	J4	184	188.071	0.036	3.6	0.0408	0.0000	OK
360 minute winter	J5	184	187.943	0.033	4.1	0.0376	0.0000	OK
360 minute winter	J6	192	187.700	0.050	4.5	0.0563	0.0000	OK
360 minute winter	J7	192	187.663	0.063	5.0	0.0714	0.0000	OK
360 minute winter	J8	192	187.639	0.046	5.5	0.0519	0.0000	OK
360 minute winter	J9	192	187.339	0.064	6.0	0.0725	0.0000	OK
360 minute winter	J10	200	187.307	0.037	6.7	0.0423	0.0000	OK
360 minute winter	J11	200	187.176	0.055	7.2	0.0617	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC65	67.000	J55	0.5	0.351	0.029	0.0036
360 minute winter	FC66	68.000	S24	0.5	0.519	0.076	0.0022
360 minute winter	FC67	69.000	J56	0.3	0.388	0.054	0.0017
360 minute winter	FC68	70.000	J57	0.5	0.580	0.051	0.0018
360 minute winter	J1	1.001	J2	1.9	0.605	0.229	0.0158
360 minute winter	J2	1.002	J3	2.4	0.654	0.407	0.0038
360 minute winter	J3	1.003	J4	3.2	0.755	0.238	0.0082
360 minute winter	J4	1.004	J5	3.6	1.169	0.107	0.0109
360 minute winter	J5	1.005	J6	4.1	1.038	0.107	0.0227
360 minute winter	J6	1.006	J7	4.5	0.752	0.160	0.0119
360 minute winter	J7	1.007	J8	5.0	0.867	0.359	0.0065
360 minute winter	J8	1.008	J9	5.6	1.263	0.184	0.0372
360 minute winter	J9	1.009	J10	6.0	0.899	0.180	0.0082
360 minute winter	J10	1.010	J11	6.7	1.158	0.052	0.0143
360 minute winter	J11	1.011	S2	7.2	0.660	0.112	0.0592

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J12	200	186.868	0.059	9.4	0.0670	0.0000	OK
360 minute winter	J13	200	186.809	0.107	9.8	0.1210	0.0000	OK
360 minute winter	J14	200	186.797	0.102	10.2	0.1150	0.0000	OK
360 minute winter	J15	200	186.780	0.091	10.7	0.1035	0.0000	OK
360 minute winter	J16	200	186.745	0.075	11.1	0.0849	0.0000	OK
360 minute winter	J17	200	186.408	0.050	11.6	0.0569	0.0000	OK
360 minute winter	J18	192	186.257	0.063	13.4	0.0715	0.0000	OK
360 minute winter	J19	368	186.197	0.170	14.0	0.1919	0.0000	OK
360 minute winter	J20	360	186.196	0.265	0.8	0.2995	0.0000	SURCHARGED
360 minute winter	J21	368	186.196	0.301	1.3	0.3404	0.0000	SURCHARGED
360 minute winter	J22	368	186.197	0.379	1.9	0.4291	0.0000	SURCHARGED
360 minute winter	J23	368	186.197	0.414	2.2	0.4685	0.0000	SURCHARGED
360 minute winter	J24	360	186.195	0.545	3.8	0.6169	0.0000	SURCHARGED
360 minute winter	J25	368	186.197	0.582	4.3	0.6579	0.0000	SURCHARGED
360 minute winter	J26	360	186.197	0.610	4.8	0.6897	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J12	1.013	J13	9.4	0.709	0.141	0.0871
360 minute winter	J13	1.014	J14	9.8	0.542	0.311	0.0341
360 minute winter	J14	1.015	J15	10.2	0.628	0.327	0.0312
360 minute winter	J15	1.016	J16	10.7	0.801	0.349	0.0685
360 minute winter	J16	1.017	J17	11.1	1.057	0.185	0.0354
360 minute winter	J17	1.018	S3	11.6	1.043	0.080	0.0214
360 minute winter	J18	1.020	J19	13.4	1.749	0.103	0.0125
360 minute winter	J19	1.021	S4	14.0	0.709	0.254	0.1865
360 minute winter	J20	23.002	J21	0.8	0.414	0.130	0.0295
360 minute winter	J21	23.003	J22	1.3	0.498	0.222	0.0627
360 minute winter	J22	23.004	J23	1.9	0.596	0.312	0.0281
360 minute winter	J23	23.005	S18	2.2	0.677	0.366	0.0587
360 minute winter	J24	23.007	J25	3.8	0.543	0.284	0.1088
360 minute winter	J25	23.008	J26	4.2	0.563	0.319	0.0874
360 minute winter	J26	23.009	S19	4.8	0.656	0.359	0.0652

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J27	368	186.196	0.735	6.3	0.8313	0.0000	SURCHARGED
360 minute winter	J28	192	186.397	0.041	2.0	0.0461	0.0000	OK
360 minute winter	J29	192	186.319	0.048	2.4	0.0538	0.0000	OK
360 minute winter	J30	192	186.205	0.058	3.5	0.0652	0.0000	OK
360 minute winter	J31	192	186.179	0.060	4.0	0.0673	0.0000	OK
360 minute winter	J32	192	186.126	0.062	4.6	0.0705	0.0000	OK
360 minute winter	J33	192	185.653	0.043	6.3	0.0484	0.0000	OK
360 minute winter	J34	192	185.196	0.071	7.9	0.0807	0.0000	OK
360 minute winter	J35	192	185.121	0.046	8.3	0.0525	0.0000	OK
360 minute winter	J36	192	184.954	0.079	8.9	0.0898	0.0000	OK
360 minute winter	J37	192	184.659	0.084	10.3	0.0953	0.0000	OK
360 minute winter	J38	192	184.478	0.103	11.3	0.1169	0.0000	OK
360 minute winter	J39	192	184.441	0.102	11.9	0.1159	0.0000	OK
360 minute winter	J40	192	184.413	0.088	12.4	0.0998	0.0000	OK
360 minute winter	J41	208	184.626	0.029	1.0	0.0327	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J27	23.011	S4	6.0	0.596	0.200	0.0951
360 minute winter	J28	32.001	J29	2.0	0.588	0.330	0.0294
360 minute winter	J29	32.002	S12	2.4	0.688	0.407	0.0163
360 minute winter	J30	32.004	J31	3.5	0.548	0.263	0.0317
360 minute winter	J31	32.005	J32	4.0	0.601	0.303	0.0654
360 minute winter	J32	32.006	S13	4.6	0.831	0.347	0.0296
360 minute winter	J33	32.008	S14	6.3	0.967	0.177	0.0597
360 minute winter	J34	32.010	J35	7.9	0.954	0.204	0.0752
360 minute winter	J35	32.011	J36	8.3	0.920	0.094	0.0632
360 minute winter	J36	32.012	S15	9.1	0.994	0.305	0.0224
360 minute winter	J37	32.014	S16	10.3	1.095	0.339	0.0498
360 minute winter	J38	32.016	J39	11.3	0.642	0.376	0.1913
360 minute winter	J39	32.017	J40	11.9	0.743	0.386	0.0585
360 minute winter	J40	32.018	S10	12.4	0.902	0.287	0.1314
360 minute winter	J41	48.002	J42	1.0	0.474	0.174	0.0135

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J42	200	184.573	0.035	1.6	0.0401	0.0000	OK
360 minute winter	J43	200	184.415	0.055	2.9	0.0619	0.0000	OK
360 minute winter	J44	200	184.402	0.052	3.4	0.0593	0.0000	OK
360 minute winter	J45	200	184.371	0.071	3.9	0.0808	0.0000	OK
360 minute winter	J46	192	184.348	0.076	5.4	0.0863	0.0000	OK
360 minute winter	J47	192	184.326	0.078	5.8	0.0877	0.0000	OK
360 minute winter	J48	200	184.244	0.090	7.3	0.1015	0.0000	OK
360 minute winter	J49	200	184.232	0.103	7.9	0.1165	0.0000	OK
360 minute winter	J50	200	184.224	0.099	8.4	0.1123	0.0000	OK
360 minute winter	J51	200	184.212	0.104	8.9	0.1181	0.0000	OK
360 minute winter	J52	200	184.202	0.098	9.7	0.1110	0.0000	OK
360 minute winter	J53	384	184.195	0.108	10.1	0.1216	0.0000	OK
360 minute winter	J54	200	185.012	0.033	1.2	0.0370	0.0000	OK
360 minute winter	J55	200	184.983	0.039	1.7	0.0439	0.0000	OK
360 minute winter	J56	384	184.195	0.228	14.5	0.2573	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J42	48.003	S21	1.6	0.521	0.266	0.0246
360 minute winter	J43	48.005	J44	2.9	0.506	0.204	0.0091
360 minute winter	J44	48.006	J45	3.4	0.496	0.255	0.0603
360 minute winter	J45	48.007	S22	3.9	0.456	0.291	0.0206
360 minute winter	J46	48.009	J47	5.4	0.592	0.403	0.0383
360 minute winter	J47	48.010	S23	5.8	0.682	0.438	0.0226
360 minute winter	J48	48.012	J49	7.3	0.452	0.245	0.1209
360 minute winter	J49	48.013	J50	7.9	0.456	0.257	0.0196
360 minute winter	J50	48.014	J51	8.4	0.483	0.282	0.0885
360 minute winter	J51	48.015	J52	8.9	0.513	0.290	0.0197
360 minute winter	J52	48.016	J53	9.7	0.600	0.317	0.0820
360 minute winter	J53	48.017	S24	10.1	0.706	0.336	0.2319
360 minute winter	J54	65.002	J55	1.2	0.478	0.203	0.0092
360 minute winter	J55	65.003	S24	1.7	0.640	0.297	0.0215
360 minute winter	J56	48.019	J57	14.5	0.571	0.268	0.5450

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Results for 100 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J57	384	184.195	0.250	15.0	0.2822	0.0000	OK
360 minute winter	BASIN 1	360	186.195	1.195	19.8	164.2026	0.0000	SURCHARGED
360 minute winter	BASIN 2	600	184.677	0.377	1.5	36.2472	0.0000	OK
360 minute winter	BASIN 3	392	183.269	0.169	13.8	118.7333	0.0000	OK
360 minute winter	BASIN 4	384	184.195	0.865	15.0	127.1948	0.0000	SURCHARGED
360 minute winter	SWALE 1	368	184.967	0.035	1.5	0.0394	0.0000	OK
360 minute winter	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
360 minute winter	SWALE 3	192	184.162	0.092	13.8	0.1039	0.0000	OK
360 minute winter	BH1	600	184.677	0.600	0.7	2.5426	0.0000	OK
360 minute winter	BH2	392	183.269	0.217	1.6	2.6855	0.0000	OK
360 minute winter	BH3	384	184.195	0.889	1.6	5.7513	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J57	48.020	S25	15.0	0.621	0.278	0.5111
360 minute winter	BASIN 1	1.023	S5	1.5	0.183	0.029	0.6013
360 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
360 minute winter	BASIN 2	71.000	BH1	0.7	0.424	0.116	0.1829
360 minute winter	BASIN 3	1.034	BH2	1.6	0.275	0.019	1.5453
360 minute winter	BASIN 4	48.022	BH3	1.6	0.469	0.030	0.7181
360 minute winter	SWALE 1	1.025	S6	1.5	0.335	0.029	0.1727
360 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
360 minute winter	SWALE 3	1.033	BASIN 3	13.8	0.772	0.198	0.7692
360 minute winter	BH1	Infiltration		0.1			
360 minute winter	BH2	Infiltration		0.2			
360 minute winter	BH3	Infiltration		0.2			

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S1	248	188.389	0.019	0.7	0.0259	0.0000	OK
480 minute summer	S2	248	187.130	0.091	9.2	0.1342	0.0000	OK
480 minute summer	S3	248	186.309	0.097	13.3	0.1263	0.0000	OK
480 minute summer	S4	488	186.180	0.802	21.0	0.9528	0.0000	SURCHARGED
480 minute summer	S5	488	186.181	1.201	1.5	1.3583	0.0000	SURCHARGED
480 minute summer	S6	488	184.879	0.035	1.5	0.0398	0.0000	OK
480 minute summer	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
480 minute summer	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
480 minute summer	S9	248	184.249	0.049	0.0	0.0552	0.0000	OK
480 minute summer	S10	248	184.249	0.065	14.4	0.0989	0.0000	OK
480 minute summer	S11	248	186.438	0.038	1.6	0.0618	0.0000	OK
480 minute summer	S12	248	186.229	0.053	3.1	0.0602	0.0000	OK
480 minute summer	S13	248	186.079	0.045	5.8	0.0636	0.0000	OK
480 minute summer	S14	248	185.329	0.079	8.0	0.1235	0.0000	OK
480 minute summer	S15	248	184.918	0.050	10.7	0.0705	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	S1	1.000	J1	0.7	0.426	0.080	0.0139
480 minute summer	S2	1.012	J12	9.2	0.675	0.309	0.0205
480 minute summer	S3	1.019	J18	13.3	1.037	0.434	0.0660
480 minute summer	S4	1.022	BASIN 1	20.7	1.316	0.123	1.1778
480 minute summer	S5	1.024	SWALE 1	1.5	0.335	0.028	0.0924
480 minute summer	S6	1.026	BASIN 2	1.5	0.382	0.028	0.0230
480 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
480 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0446
480 minute summer	S9	1.031	S10	0.0	-0.021	-0.001	0.0621
480 minute summer	S10	1.032	SWALE 3	14.4	0.968	0.080	0.0654
480 minute summer	S11	32.000	J28	1.6	0.554	0.269	0.0132
480 minute summer	S12	32.003	J30	3.0	0.509	0.228	0.0305
480 minute summer	S13	32.007	J33	5.8	1.352	0.181	0.0560
480 minute summer	S14	32.009	J34	8.0	0.906	0.460	0.0461
480 minute summer	S15	32.013	J37	10.2	1.009	0.111	0.0961

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S16	248	184.603	0.046	11.3	0.0586	0.0000	OK
480 minute summer	S17	488	186.184	0.184	0.3	0.2086	0.0000	SURCHARGED
480 minute summer	S18	488	186.183	0.522	3.5	0.7372	0.0000	SURCHARGED
480 minute summer	S19	488	186.182	0.691	6.4	0.9469	0.0000	SURCHARGED
480 minute summer	S20	256	184.671	0.029	1.0	0.0359	0.0000	OK
480 minute summer	S21	248	184.506	0.047	2.4	0.0561	0.0000	OK
480 minute summer	S22	256	184.366	0.080	5.3	0.0980	0.0000	OK
480 minute summer	S23	256	184.255	0.097	7.1	0.1142	0.0000	OK
480 minute summer	S24	504	184.200	0.223	14.8	0.3233	0.0000	OK
480 minute summer	S25	504	184.200	0.274	15.6	0.3096	0.0000	OK
480 minute summer	S26	248	185.397	0.020	0.7	0.0243	0.0000	OK
480 minute summer	FC1	256	188.608	0.358	0.7	0.4766	0.0000	SURCHARGED
480 minute summer	FC2	256	188.508	0.358	0.7	0.4771	0.0000	SURCHARGED
480 minute summer	FC3	264	188.826	0.626	1.1	1.0618	0.0000	SURCHARGED
480 minute summer	FC4	256	188.428	0.228	0.5	0.2948	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	S16	32.015	J38	11.3	0.954	0.077	0.0280
480 minute summer	S17	23.001	J20	0.3	0.301	0.053	0.0560
480 minute summer	S18	23.006	J24	3.5	0.512	0.255	0.0323
480 minute summer	S19	23.010	J27	6.0	0.509	0.200	0.3541
480 minute summer	S20	48.001	J41	1.0	0.545	0.173	0.0087
480 minute summer	S21	48.004	J43	2.4	0.688	0.406	0.0178
480 minute summer	S22	48.008	J46	5.3	0.552	0.392	0.0231
480 minute summer	S23	48.011	J48	7.1	0.450	0.232	0.0178
480 minute summer	S24	48.018	J56	14.8	0.548	0.277	0.2434
480 minute summer	S25	48.021	BASIN 4	15.6	0.732	0.282	0.2173
480 minute summer	S26	65.001	J54	0.7	0.671	0.085	0.0094
480 minute summer	FC1	2.000	J1	0.6	0.372	0.095	0.0083
480 minute summer	FC2	3.000	J2	0.6	0.240	0.099	0.0121
480 minute summer	FC3	4.000	J3	0.8	0.545	0.123	0.0135
480 minute summer	FC4	5.000	J4	0.5	0.528	0.061	0.0064

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC5	256	188.359	0.359	0.7	0.4780	0.0000	SURCHARGED
480 minute summer	FC6	256	188.077	0.227	0.5	0.2935	0.0000	SURCHARGED
480 minute summer	FC7	256	187.979	0.229	0.5	0.2955	0.0000	SURCHARGED
480 minute summer	FC8	256	188.105	0.355	0.7	0.4724	0.0000	SURCHARGED
480 minute summer	FC9	256	187.700	0.230	0.5	0.2973	0.0000	SURCHARGED
480 minute summer	FC10	264	188.021	0.551	0.9	0.7781	0.0000	SURCHARGED
480 minute summer	FC11	256	187.596	0.276	0.6	0.3622	0.0000	SURCHARGED
480 minute summer	FC12	256	187.506	0.276	0.6	0.3622	0.0000	SURCHARGED
480 minute summer	FC13	256	187.359	0.359	0.7	0.4777	0.0000	SURCHARGED
480 minute summer	FC14	288	187.032	0.132	0.7	1.6834	0.0000	SURCHARGED
480 minute summer	FC15	256	187.424	0.224	0.5	0.2889	0.0000	SURCHARGED
480 minute summer	FC16	256	187.130	0.230	0.5	0.2964	0.0000	SURCHARGED
480 minute summer	FC17	256	187.225	0.225	0.5	0.2907	0.0000	SURCHARGED
480 minute summer	FC18	256	186.780	0.230	0.5	0.2974	0.0000	SURCHARGED
480 minute summer	FC19	256	186.759	0.359	0.7	0.4778	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC5	6.000	J5	0.6	0.471	0.099	0.0052
480 minute summer	FC6	7.000	J6	0.5	0.581	0.053	0.0059
480 minute summer	FC7	8.000	J7	0.5	0.505	0.065	0.0067
480 minute summer	FC8	9.000	J8	0.6	0.667	0.060	0.0037
480 minute summer	FC9	10.000	J9	0.5	0.446	0.078	0.0075
480 minute summer	FC10	11.000	J10	0.7	0.547	0.111	0.0084
480 minute summer	FC11	12.000	J11	0.5	0.457	0.087	0.0087
480 minute summer	FC12	13.000	S2	0.5	0.457	0.087	0.0077
480 minute summer	FC13	14.000	J12	0.6	0.476	0.099	0.0084
480 minute summer	FC14	15.000	J13	0.3	0.408	0.058	0.0064
480 minute summer	FC15	16.000	J14	0.5	0.942	0.027	0.0023
480 minute summer	FC16	17.000	J15	0.5	0.473	0.072	0.0074
480 minute summer	FC17	18.000	J16	0.5	0.750	0.037	0.0030
480 minute summer	FC18	19.000	J17	0.5	0.443	0.079	0.0073
480 minute summer	FC19	20.000	S3	0.6	0.474	0.100	0.0082

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC20	256	187.302	0.352	0.7	0.4682	0.0000	SURCHARGED
480 minute summer	FC21	256	186.659	0.359	0.7	0.4777	0.0000	SURCHARGED
480 minute summer	FC22	272	186.556	0.106	0.5	1.0297	0.0000	SURCHARGED
480 minute summer	FC23	256	186.530	0.230	0.5	0.2969	0.0000	SURCHARGED
480 minute summer	FC24	256	186.657	0.357	0.7	0.4752	0.0000	SURCHARGED
480 minute summer	FC25	256	186.902	0.352	0.7	0.4683	0.0000	SURCHARGED
480 minute summer	FC26	272	186.554	0.104	0.5	1.0505	0.0000	SURCHARGED
480 minute summer	FC27	256	186.724	0.224	0.5	0.2887	0.0000	SURCHARGED
480 minute summer	FC28	256	186.852	0.352	0.7	0.4683	0.0000	SURCHARGED
480 minute summer	FC29	256	186.856	0.356	0.7	0.4806	0.0000	SURCHARGED
480 minute summer	FC30	256	187.102	0.352	0.7	0.4689	0.0000	SURCHARGED
480 minute summer	FC31	256	186.677	0.227	0.5	0.2929	0.0000	SURCHARGED
480 minute summer	FC32	256	186.675	0.225	0.5	0.2904	0.0000	SURCHARGED
480 minute summer	FC33	256	186.802	0.352	0.7	0.4691	0.0000	SURCHARGED
480 minute summer	FC34	256	186.809	0.359	0.7	0.4773	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC20	21.000	J18	0.6	0.954	0.037	0.0027
480 minute summer	FC21	22.000	J19	0.6	0.475	0.099	0.0095
480 minute summer	FC22	23.000	S17	0.3	0.565	0.017	0.0192
480 minute summer	FC23	24.000	J20	0.5	0.461	0.073	0.0046
480 minute summer	FC24	25.000	J21	0.6	0.554	0.079	0.0049
480 minute summer	FC25	26.000	J22	0.6	0.946	0.037	0.0029
480 minute summer	FC26	27.000	J23	0.3	0.691	0.023	0.0021
480 minute summer	FC27	28.000	J24	0.5	0.972	0.026	0.0156
480 minute summer	FC28	29.000	J25	0.6	0.951	0.037	0.0027
480 minute summer	FC29	30.000	J26	0.6	0.927	0.038	0.0030
480 minute summer	FC30	31.000	J27	0.6	0.888	0.040	0.0029
480 minute summer	FC31	33.000	J28	0.5	0.284	0.051	0.0082
480 minute summer	FC32	34.000	J29	0.5	0.249	0.037	0.0090
480 minute summer	FC33	35.000	S12	0.6	0.873	0.041	0.0028
480 minute summer	FC34	36.000	J30	0.6	0.487	0.095	0.0057

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC35	256	186.802	0.352	0.7	0.4690	0.0000	SURCHARGED
480 minute summer	FC36	256	186.806	0.356	0.7	0.4804	0.0000	SURCHARGED
480 minute summer	FC37	256	186.294	0.494	0.9	0.6878	0.0000	SURCHARGED
480 minute summer	FC38	280	185.545	0.095	0.5	1.1471	0.0000	OK
480 minute summer	FC39	256	185.675	0.224	0.5	0.2898	0.0000	SURCHARGED
480 minute summer	FC40	256	185.851	0.351	0.7	0.4672	0.0000	SURCHARGED
480 minute summer	FC41	256	185.204	0.354	0.7	0.4716	0.0000	SURCHARGED
480 minute summer	FC42	256	184.956	0.356	0.7	0.4735	0.0000	SURCHARGED
480 minute summer	FC43	256	184.954	0.354	0.7	0.4713	0.0000	SURCHARGED
480 minute summer	FC44	240	184.615	0.015	0.5	0.0191	0.0000	OK
480 minute summer	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
480 minute summer	FC46	264	185.252	0.552	0.9	0.7792	0.0000	SURCHARGED
480 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute summer	FC48	256	185.152	0.352	0.7	0.4688	0.0000	SURCHARGED
480 minute summer	FC49	256	185.159	0.359	0.7	0.4780	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC35	37.000	J31	0.6	0.879	0.041	0.0034
480 minute summer	FC36	38.000	J32	0.6	0.946	0.037	0.0031
480 minute summer	FC37	39.000	J33	0.7	0.662	0.079	0.0069
480 minute summer	FC38	40.000	J34	0.3	0.654	0.023	0.0021
480 minute summer	FC39	41.000	J35	0.5	0.827	0.032	0.0025
480 minute summer	FC40	42.000	J36	0.6	1.082	0.031	0.0028
480 minute summer	FC41	43.000	J37	0.6	0.707	0.056	0.0042
480 minute summer	FC42	44.000	J38	0.6	0.616	0.068	0.0047
480 minute summer	FC43	45.000	J39	0.6	0.721	0.054	0.0035
480 minute summer	FC44	46.000	J40	0.5	0.708	0.044	0.0031
480 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
480 minute summer	FC46	48.000	S20	0.7	0.452	0.124	0.0101
480 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0049
480 minute summer	FC48	50.000	J42	0.6	0.391	0.042	0.0080
480 minute summer	FC49	51.000	S21	0.6	0.471	0.099	0.0054

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC50	256	185.159	0.359	0.7	0.4779	0.0000	SURCHARGED
480 minute summer	FC51	256	185.209	0.359	0.7	0.4777	0.0000	SURCHARGED
480 minute summer	FC52	256	185.695	0.445	0.8	0.6094	0.0000	SURCHARGED
480 minute summer	FC53	256	185.605	0.355	0.7	0.4728	0.0000	SURCHARGED
480 minute summer	FC54	256	185.476	0.226	0.5	0.2919	0.0000	SURCHARGED
480 minute summer	FC55	256	185.474	0.224	0.5	0.2897	0.0000	SURCHARGED
480 minute summer	FC56	256	185.702	0.352	0.7	0.4684	0.0000	SURCHARGED
480 minute summer	FC57	256	185.702	0.352	0.7	0.4690	0.0000	SURCHARGED
480 minute summer	FC58	256	185.575	0.225	0.5	0.2902	0.0000	SURCHARGED
480 minute summer	FC59	256	185.575	0.225	0.5	0.2909	0.0000	SURCHARGED
480 minute summer	FC60	256	185.703	0.353	0.7	0.4704	0.0000	SURCHARGED
480 minute summer	FC61	256	185.656	0.356	0.7	0.4733	0.0000	SURCHARGED
480 minute summer	FC62	264	185.870	0.620	1.0	0.9029	0.0000	SURCHARGED
480 minute summer	FC63	256	185.631	0.231	0.5	0.2981	0.0000	SURCHARGED
480 minute summer	FC64	256	185.359	0.359	0.7	0.4774	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC50	52.000	J43	0.6	0.472	0.099	0.0058
480 minute summer	FC51	55.000	S22	0.6	0.474	0.099	0.0076
480 minute summer	FC52	58.000	S23	0.7	0.712	0.065	0.0051
480 minute summer	FC53	61.000	J50	0.6	0.647	0.063	0.0039
480 minute summer	FC54	62.000	J51	0.5	0.671	0.043	0.0028
480 minute summer	FC55	64.000	J53	0.5	0.845	0.031	0.0023
480 minute summer	FC56	53.000	J44	0.6	0.935	0.038	0.0041
480 minute summer	FC57	54.000	J45	0.6	0.877	0.041	0.0043
480 minute summer	FC58	56.000	J46	0.5	0.787	0.035	0.0037
480 minute summer	FC59	57.000	J47	0.5	0.730	0.039	0.0041
480 minute summer	FC60	59.000	J48	0.6	0.774	0.050	0.0050
480 minute summer	FC61	60.000	J49	0.6	0.620	0.068	0.0070
480 minute summer	FC62	63.000	J52	0.8	0.621	0.102	0.0118
480 minute summer	FC63	65.000	S26	0.5	0.432	0.078	0.0026
480 minute summer	FC64	66.000	J54	0.6	0.331	0.099	0.0039

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC65	256	185.501	0.351	0.7	0.4672	0.0000	SURCHARGED
480 minute summer	FC66	256	185.358	0.358	0.7	0.4762	0.0000	SURCHARGED
480 minute summer	FC67	272	184.905	0.105	0.5	1.0803	0.0000	SURCHARGED
480 minute summer	FC68	256	184.778	0.228	0.5	0.2938	0.0000	SURCHARGED
480 minute summer	J1	248	188.234	0.034	2.0	0.0459	0.0000	OK
480 minute summer	J2	248	188.158	0.052	2.5	0.0593	0.0000	OK
480 minute summer	J3	248	188.097	0.051	3.3	0.0581	0.0000	OK
480 minute summer	J4	248	188.072	0.037	3.7	0.0417	0.0000	OK
480 minute summer	J5	248	187.944	0.034	4.3	0.0385	0.0000	OK
480 minute summer	J6	248	187.701	0.051	4.7	0.0577	0.0000	OK
480 minute summer	J7	248	187.664	0.064	5.2	0.0728	0.0000	OK
480 minute summer	J8	256	187.640	0.047	5.8	0.0529	0.0000	OK
480 minute summer	J9	256	187.340	0.065	6.2	0.0738	0.0000	OK
480 minute summer	J10	256	187.308	0.038	7.0	0.0431	0.0000	OK
480 minute summer	J11	256	187.177	0.056	7.5	0.0631	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC65	67.000	J55	0.6	0.362	0.031	0.0038
480 minute summer	FC66	68.000	S24	0.6	0.530	0.082	0.0024
480 minute summer	FC67	69.000	J56	0.3	0.383	0.051	0.0016
480 minute summer	FC68	70.000	J57	0.5	0.582	0.052	0.0018
480 minute summer	J1	1.001	J2	2.0	0.606	0.236	0.0163
480 minute summer	J2	1.002	J3	2.5	0.662	0.425	0.0040
480 minute summer	J3	1.003	J4	3.3	0.764	0.248	0.0085
480 minute summer	J4	1.004	J5	3.7	1.180	0.111	0.0112
480 minute summer	J5	1.005	J6	4.3	1.048	0.112	0.0235
480 minute summer	J6	1.006	J7	4.7	0.760	0.167	0.0123
480 minute summer	J7	1.007	J8	5.2	0.875	0.372	0.0067
480 minute summer	J8	1.008	J9	5.8	1.275	0.190	0.0382
480 minute summer	J9	1.009	J10	6.2	0.907	0.187	0.0084
480 minute summer	J10	1.010	J11	7.0	1.166	0.054	0.0148
480 minute summer	J11	1.011	S2	7.5	0.666	0.116	0.0608

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J12	248	186.870	0.061	9.8	0.0687	0.0000	OK
480 minute summer	J13	256	186.811	0.109	10.1	0.1234	0.0000	OK
480 minute summer	J14	256	186.799	0.104	10.6	0.1172	0.0000	OK
480 minute summer	J15	256	186.781	0.093	11.0	0.1053	0.0000	OK
480 minute summer	J16	256	186.746	0.076	11.5	0.0864	0.0000	OK
480 minute summer	J17	256	186.409	0.051	12.0	0.0581	0.0000	OK
480 minute summer	J18	256	186.258	0.064	13.8	0.0728	0.0000	OK
480 minute summer	J19	488	186.181	0.154	14.4	0.1743	0.0000	OK
480 minute summer	J20	488	186.184	0.253	0.8	0.2860	0.0000	SURCHARGED
480 minute summer	J21	488	186.184	0.289	1.3	0.3263	0.0000	SURCHARGED
480 minute summer	J22	488	186.183	0.365	1.9	0.4126	0.0000	SURCHARGED
480 minute summer	J23	488	186.183	0.400	2.2	0.4520	0.0000	SURCHARGED
480 minute summer	J24	488	186.183	0.533	3.9	0.6026	0.0000	SURCHARGED
480 minute summer	J25	488	186.183	0.568	4.5	0.6419	0.0000	SURCHARGED
480 minute summer	J26	488	186.183	0.596	5.0	0.6738	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J12	1.013	J13	9.8	0.717	0.146	0.0894
480 minute summer	J13	1.014	J14	10.1	0.548	0.322	0.0350
480 minute summer	J14	1.015	J15	10.6	0.634	0.338	0.0319
480 minute summer	J15	1.016	J16	11.0	0.808	0.361	0.0701
480 minute summer	J16	1.017	J17	11.5	1.066	0.191	0.0363
480 minute summer	J17	1.018	S3	12.0	1.049	0.082	0.0219
480 minute summer	J18	1.020	J19	13.9	1.760	0.107	0.0118
480 minute summer	J19	1.021	S4	14.4	0.715	0.262	0.1668
480 minute summer	J20	23.002	J21	0.8	0.411	0.130	0.0295
480 minute summer	J21	23.003	J22	1.3	0.501	0.228	0.0627
480 minute summer	J22	23.004	J23	1.9	0.608	0.323	0.0281
480 minute summer	J23	23.005	S18	2.2	0.681	0.378	0.0587
480 minute summer	J24	23.007	J25	3.9	0.544	0.296	0.1088
480 minute summer	J25	23.008	J26	4.5	0.563	0.337	0.0874
480 minute summer	J26	23.009	S19	5.0	0.652	0.372	0.0652

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J27	488	186.184	0.723	6.6	0.8174	0.0000	SURCHARGED
480 minute summer	J28	248	186.398	0.042	2.0	0.0473	0.0000	OK
480 minute summer	J29	248	186.320	0.048	2.5	0.0548	0.0000	OK
480 minute summer	J30	248	186.206	0.059	3.6	0.0665	0.0000	OK
480 minute summer	J31	248	186.180	0.061	4.2	0.0686	0.0000	OK
480 minute summer	J32	248	186.127	0.063	4.7	0.0715	0.0000	OK
480 minute summer	J33	248	185.653	0.043	6.5	0.0491	0.0000	OK
480 minute summer	J34	248	185.198	0.073	8.2	0.0825	0.0000	OK
480 minute summer	J35	248	185.122	0.047	8.7	0.0536	0.0000	OK
480 minute summer	J36	248	184.956	0.081	9.2	0.0913	0.0000	OK
480 minute summer	J37	248	184.661	0.086	10.8	0.0974	0.0000	OK
480 minute summer	J38	248	184.481	0.106	11.8	0.1197	0.0000	OK
480 minute summer	J39	248	184.443	0.105	12.4	0.1185	0.0000	OK
480 minute summer	J40	248	184.415	0.090	12.9	0.1019	0.0000	OK
480 minute summer	J41	256	184.626	0.029	1.0	0.0325	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J27	23.011	S4	6.2	0.590	0.209	0.0951
480 minute summer	J28	32.001	J29	2.0	0.596	0.345	0.0303
480 minute summer	J29	32.002	S12	2.5	0.693	0.419	0.0167
480 minute summer	J30	32.004	J31	3.6	0.552	0.272	0.0325
480 minute summer	J31	32.005	J32	4.2	0.607	0.313	0.0668
480 minute summer	J32	32.006	S13	4.7	0.835	0.356	0.0303
480 minute summer	J33	32.008	S14	6.5	0.972	0.182	0.0616
480 minute summer	J34	32.010	J35	8.2	0.966	0.213	0.0776
480 minute summer	J35	32.011	J36	8.7	0.932	0.097	0.0648
480 minute summer	J36	32.012	S15	9.7	1.010	0.323	0.0230
480 minute summer	J37	32.014	S16	10.8	1.106	0.354	0.0514
480 minute summer	J38	32.016	J39	11.8	0.648	0.391	0.1972
480 minute summer	J39	32.017	J40	12.4	0.751	0.401	0.0602
480 minute summer	J40	32.018	S10	12.8	0.910	0.298	0.1350
480 minute summer	J41	48.002	J42	1.0	0.469	0.173	0.0136

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J42	256	184.573	0.036	1.6	0.0407	0.0000	OK
480 minute summer	J43	256	184.416	0.056	3.0	0.0637	0.0000	OK
480 minute summer	J44	256	184.404	0.054	3.6	0.0610	0.0000	OK
480 minute summer	J45	256	184.375	0.075	4.2	0.0844	0.0000	OK
480 minute summer	J46	256	184.351	0.079	5.7	0.0898	0.0000	OK
480 minute summer	J47	256	184.328	0.080	6.2	0.0908	0.0000	OK
480 minute summer	J48	256	184.247	0.093	7.7	0.1052	0.0000	OK
480 minute summer	J49	256	184.235	0.106	8.3	0.1204	0.0000	OK
480 minute summer	J50	256	184.228	0.103	8.9	0.1160	0.0000	OK
480 minute summer	J51	256	184.215	0.107	9.4	0.1215	0.0000	OK
480 minute summer	J52	256	184.205	0.101	10.1	0.1141	0.0000	OK
480 minute summer	J53	504	184.200	0.113	10.6	0.1275	0.0000	OK
480 minute summer	J54	248	185.013	0.034	1.3	0.0388	0.0000	OK
480 minute summer	J55	248	184.984	0.040	1.9	0.0455	0.0000	OK
480 minute summer	J56	504	184.200	0.233	15.1	0.2632	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J42	48.003	S21	1.6	0.523	0.274	0.0253
480 minute summer	J43	48.005	J44	3.0	0.510	0.214	0.0094
480 minute summer	J44	48.006	J45	3.6	0.498	0.268	0.0634
480 minute summer	J45	48.007	S22	4.2	0.460	0.307	0.0218
480 minute summer	J46	48.009	J47	5.7	0.600	0.428	0.0402
480 minute summer	J47	48.010	S23	6.2	0.692	0.464	0.0236
480 minute summer	J48	48.012	J49	7.7	0.455	0.258	0.1264
480 minute summer	J49	48.013	J50	8.3	0.460	0.271	0.0205
480 minute summer	J50	48.014	J51	8.9	0.490	0.297	0.0921
480 minute summer	J51	48.015	J52	9.3	0.521	0.305	0.0204
480 minute summer	J52	48.016	J53	10.1	0.607	0.332	0.0878
480 minute summer	J53	48.017	S24	10.6	0.714	0.351	0.2436
480 minute summer	J54	65.002	J55	1.3	0.490	0.220	0.0097
480 minute summer	J55	65.003	S24	1.9	0.651	0.316	0.0225
480 minute summer	J56	48.019	J57	15.1	0.577	0.279	0.5560

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Results for 100 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J57	504	184.200	0.255	15.6	0.2881	0.0000	OK
480 minute summer	BASIN 1	488	186.181	1.181	20.7	161.8140	0.0000	SURCHARGED
480 minute summer	BASIN 2	720	184.737	0.437	1.5	42.6920	0.0000	OK
480 minute summer	BASIN 3	512	183.269	0.169	14.4	118.7303	0.0000	OK
480 minute summer	BASIN 4	504	184.200	0.870	15.6	128.0795	0.0000	SURCHARGED
480 minute summer	SWALE 1	488	184.967	0.035	1.5	0.0393	0.0000	OK
480 minute summer	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWALE 3	248	184.164	0.094	14.4	0.1063	0.0000	OK
480 minute summer	BH1	720	184.737	0.660	0.6	2.7154	0.0000	OK
480 minute summer	BH2	512	183.269	0.217	1.1	2.6848	0.0000	OK
480 minute summer	BH3	504	184.200	0.894	1.5	5.7756	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J57	48.020	S25	15.6	0.627	0.288	0.5192
480 minute summer	BASIN 1	1.023	S5	1.5	0.141	0.029	0.6013
480 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
480 minute summer	BASIN 2	71.000	BH1	0.6	0.413	0.095	0.1829
480 minute summer	BASIN 3	1.034	BH2	1.1	0.263	0.013	1.5446
480 minute summer	BASIN 4	48.022	BH3	1.5	0.425	0.028	0.7181
480 minute summer	SWALE 1	1.025	S6	1.5	0.334	0.029	0.1720
480 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
480 minute summer	SWALE 3	1.033	BASIN 3	14.4	0.781	0.207	0.7945
480 minute summer	BH1	Infiltration		0.1			
480 minute summer	BH2	Infiltration		0.2			
480 minute summer	BH3	Infiltration		0.2			

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S1	224	188.386	0.016	0.5	0.0220	0.0000	OK
480 minute winter	S2	264	187.122	0.083	7.7	0.1215	0.0000	OK
480 minute winter	S3	264	186.301	0.089	11.1	0.1151	0.0000	OK
480 minute winter	S4	464	186.283	0.905	17.3	1.0751	0.0000	SURCHARGED
480 minute winter	S5	472	186.271	1.291	1.7	1.4596	0.0000	SURCHARGED
480 minute winter	S6	480	184.880	0.036	1.6	0.0405	0.0000	OK
480 minute winter	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
480 minute winter	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
480 minute winter	S9	264	184.241	0.041	0.0	0.0460	0.0000	OK
480 minute winter	S10	264	184.241	0.057	11.6	0.0865	0.0000	OK
480 minute winter	S11	256	186.432	0.032	1.2	0.0525	0.0000	OK
480 minute winter	S12	256	186.223	0.047	2.5	0.0531	0.0000	OK
480 minute winter	S13	256	186.074	0.040	4.7	0.0567	0.0000	OK
480 minute winter	S14	256	185.319	0.069	6.4	0.1078	0.0000	OK
480 minute winter	S15	264	184.912	0.045	7.9	0.0631	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	S1	1.000	J1	0.5	0.393	0.057	0.0111
480 minute winter	S2	1.012	J12	7.7	0.641	0.257	0.0179
480 minute winter	S3	1.019	J18	11.1	0.994	0.364	0.0602
480 minute winter	S4	1.022	BASIN 1	17.1	1.253	0.102	1.1778
480 minute winter	S5	1.024	SWALE 1	1.6	0.339	0.030	0.0948
480 minute winter	S6	1.026	BASIN 2	1.6	0.387	0.029	0.0236
480 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
480 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0343
480 minute winter	S9	1.031	S10	0.0	-0.026	0.000	0.0499
480 minute winter	S10	1.032	SWALE 3	11.6	0.923	0.064	0.0552
480 minute winter	S11	32.000	J28	1.2	0.514	0.202	0.0107
480 minute winter	S12	32.003	J30	2.5	0.485	0.184	0.0258
480 minute winter	S13	32.007	J33	4.7	1.272	0.146	0.0480
480 minute winter	S14	32.009	J34	6.4	0.858	0.367	0.0389
480 minute winter	S15	32.013	J37	8.2	0.942	0.089	0.0829

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S16	264	184.597	0.040	9.1	0.0509	0.0000	OK
480 minute winter	S17	480	186.274	0.274	0.3	0.3103	0.0000	SURCHARGED
480 minute winter	S18	480	186.275	0.614	2.9	0.8678	0.0000	SURCHARGED
480 minute winter	S19	480	186.273	0.782	4.9	1.0714	0.0000	SURCHARGED
480 minute winter	S20	264	184.669	0.026	0.8	0.0323	0.0000	OK
480 minute winter	S21	264	184.502	0.043	2.0	0.0506	0.0000	OK
480 minute winter	S22	264	184.357	0.071	4.4	0.0867	0.0000	OK
480 minute winter	S23	480	184.264	0.106	5.9	0.1256	0.0000	OK
480 minute winter	S24	488	184.260	0.283	12.3	0.4107	0.0000	OK
480 minute winter	S25	488	184.258	0.332	13.0	0.3757	0.0000	SURCHARGED
480 minute winter	S26	264	185.395	0.018	0.6	0.0217	0.0000	OK
480 minute winter	FC1	264	188.500	0.250	0.5	0.3333	0.0000	SURCHARGED
480 minute winter	FC2	264	188.401	0.251	0.5	0.3338	0.0000	SURCHARGED
480 minute winter	FC3	264	188.735	0.535	0.8	0.7759	0.0000	SURCHARGED
480 minute winter	FC4	264	188.367	0.167	0.4	0.2160	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	S16	32.015	J38	9.1	0.922	0.062	0.0235
480 minute winter	S17	23.001	J20	0.3	0.287	0.050	0.0560
480 minute winter	S18	23.006	J24	2.8	0.489	0.203	0.0323
480 minute winter	S19	23.010	J27	4.7	0.483	0.156	0.3541
480 minute winter	S20	48.001	J41	0.8	0.518	0.142	0.0075
480 minute winter	S21	48.004	J43	2.0	0.658	0.341	0.0156
480 minute winter	S22	48.008	J46	4.4	0.534	0.325	0.0199
480 minute winter	S23	48.011	J48	5.9	0.441	0.191	0.0209
480 minute winter	S24	48.018	J56	12.3	0.525	0.231	0.2943
480 minute winter	S25	48.021	BASIN 4	13.0	0.696	0.236	0.2248
480 minute winter	S26	65.001	J54	0.6	0.628	0.068	0.0080
480 minute winter	FC1	2.000	J1	0.5	0.346	0.078	0.0069
480 minute winter	FC2	3.000	J2	0.5	0.224	0.082	0.0102
480 minute winter	FC3	4.000	J3	0.7	0.533	0.114	0.0127
480 minute winter	FC4	5.000	J4	0.4	0.504	0.052	0.0057

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC5	264	188.251	0.251	0.5	0.3347	0.0000	SURCHARGED
480 minute winter	FC6	264	188.016	0.166	0.4	0.2147	0.0000	SURCHARGED
480 minute winter	FC7	264	187.918	0.168	0.4	0.2166	0.0000	SURCHARGED
480 minute winter	FC8	264	187.997	0.247	0.5	0.3292	0.0000	SURCHARGED
480 minute winter	FC9	264	187.639	0.169	0.4	0.2185	0.0000	SURCHARGED
480 minute winter	FC10	264	187.897	0.427	0.7	0.6018	0.0000	SURCHARGED
480 minute winter	FC11	280	187.494	0.174	0.4	0.2277	0.0000	SURCHARGED
480 minute winter	FC12	280	187.404	0.174	0.4	0.2278	0.0000	SURCHARGED
480 minute winter	FC13	264	187.251	0.251	0.5	0.3344	0.0000	SURCHARGED
480 minute winter	FC14	296	187.025	0.124	0.5	1.5922	0.0000	SURCHARGED
480 minute winter	FC15	264	187.363	0.163	0.4	0.2103	0.0000	SURCHARGED
480 minute winter	FC16	264	187.069	0.169	0.4	0.2176	0.0000	SURCHARGED
480 minute winter	FC17	264	187.164	0.164	0.4	0.2118	0.0000	SURCHARGED
480 minute winter	FC18	264	186.719	0.169	0.4	0.2186	0.0000	SURCHARGED
480 minute winter	FC19	264	186.651	0.251	0.5	0.3345	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC5	6.000	J5	0.5	0.447	0.082	0.0045
480 minute winter	FC6	7.000	J6	0.4	0.554	0.045	0.0052
480 minute winter	FC7	8.000	J7	0.4	0.481	0.055	0.0059
480 minute winter	FC8	9.000	J8	0.5	0.633	0.050	0.0032
480 minute winter	FC9	10.000	J9	0.4	0.425	0.066	0.0067
480 minute winter	FC10	11.000	J10	0.6	0.528	0.097	0.0076
480 minute winter	FC11	12.000	J11	0.4	0.425	0.068	0.0073
480 minute winter	FC12	13.000	S2	0.4	0.425	0.068	0.0065
480 minute winter	FC13	14.000	J12	0.5	0.451	0.082	0.0074
480 minute winter	FC14	15.000	J13	0.3	0.405	0.056	0.0062
480 minute winter	FC15	16.000	J14	0.4	0.896	0.023	0.0021
480 minute winter	FC16	17.000	J15	0.4	0.451	0.061	0.0066
480 minute winter	FC17	18.000	J16	0.4	0.714	0.031	0.0027
480 minute winter	FC18	19.000	J17	0.4	0.423	0.067	0.0065
480 minute winter	FC19	20.000	S3	0.5	0.449	0.082	0.0072

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC20	264	187.194	0.244	0.5	0.3249	0.0000	SURCHARGED
480 minute winter	FC21	264	186.551	0.251	0.5	0.3344	0.0000	SURCHARGED
480 minute winter	FC22	296	186.548	0.098	0.4	0.9549	0.0000	OK
480 minute winter	FC23	264	186.469	0.169	0.4	0.2180	0.0000	SURCHARGED
480 minute winter	FC24	264	186.549	0.249	0.5	0.3319	0.0000	SURCHARGED
480 minute winter	FC25	264	186.794	0.244	0.5	0.3250	0.0000	SURCHARGED
480 minute winter	FC26	296	186.547	0.097	0.4	0.9806	0.0000	OK
480 minute winter	FC27	264	186.663	0.163	0.4	0.2103	0.0000	SURCHARGED
480 minute winter	FC28	264	186.744	0.244	0.5	0.3249	0.0000	SURCHARGED
480 minute winter	FC29	272	186.751	0.251	0.5	0.3390	0.0000	SURCHARGED
480 minute winter	FC30	264	186.995	0.245	0.5	0.3256	0.0000	SURCHARGED
480 minute winter	FC31	264	186.616	0.166	0.4	0.2141	0.0000	SURCHARGED
480 minute winter	FC32	264	186.614	0.164	0.4	0.2115	0.0000	SURCHARGED
480 minute winter	FC33	264	186.695	0.245	0.5	0.3258	0.0000	SURCHARGED
480 minute winter	FC34	264	186.701	0.251	0.5	0.3341	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC20	21.000	J18	0.5	0.901	0.030	0.0023
480 minute winter	FC21	22.000	J19	0.5	0.450	0.082	0.0184
480 minute winter	FC22	23.000	S17	0.3	0.558	0.016	0.0194
480 minute winter	FC23	24.000	J20	0.4	0.440	0.062	0.0041
480 minute winter	FC24	25.000	J21	0.5	0.525	0.065	0.0079
480 minute winter	FC25	26.000	J22	0.5	0.894	0.031	0.0080
480 minute winter	FC26	27.000	J23	0.3	0.683	0.022	0.0081
480 minute winter	FC27	28.000	J24	0.4	0.925	0.022	0.0180
480 minute winter	FC28	29.000	J25	0.5	0.899	0.030	0.0156
480 minute winter	FC29	30.000	J26	0.5	0.879	0.032	0.0158
480 minute winter	FC30	31.000	J27	0.5	0.840	0.033	0.0025
480 minute winter	FC31	33.000	J28	0.4	0.263	0.044	0.0069
480 minute winter	FC32	34.000	J29	0.4	0.234	0.031	0.0077
480 minute winter	FC33	35.000	S12	0.5	0.826	0.034	0.0024
480 minute winter	FC34	36.000	J30	0.5	0.462	0.079	0.0050

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC35	264	186.695	0.245	0.5	0.3257	0.0000	SURCHARGED
480 minute winter	FC36	272	186.701	0.251	0.5	0.3387	0.0000	SURCHARGED
480 minute winter	FC37	272	186.154	0.354	0.6	0.4925	0.0000	SURCHARGED
480 minute winter	FC38	296	185.541	0.091	0.4	1.0975	0.0000	OK
480 minute winter	FC39	264	185.613	0.163	0.4	0.2109	0.0000	SURCHARGED
480 minute winter	FC40	264	185.743	0.243	0.5	0.3238	0.0000	SURCHARGED
480 minute winter	FC41	264	185.097	0.247	0.5	0.3283	0.0000	SURCHARGED
480 minute winter	FC42	264	184.848	0.248	0.5	0.3303	0.0000	SURCHARGED
480 minute winter	FC43	264	184.847	0.247	0.5	0.3281	0.0000	SURCHARGED
480 minute winter	FC44	232	184.613	0.013	0.4	0.0171	0.0000	OK
480 minute winter	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
480 minute winter	FC46	264	185.127	0.427	0.7	0.6030	0.0000	SURCHARGED
480 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute winter	FC48	264	185.045	0.245	0.5	0.3256	0.0000	SURCHARGED
480 minute winter	FC49	264	185.051	0.251	0.5	0.3347	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC35	37.000	J31	0.5	0.832	0.034	0.0030
480 minute winter	FC36	38.000	J32	0.5	0.896	0.031	0.0028
480 minute winter	FC37	39.000	J33	0.6	0.630	0.066	0.0061
480 minute winter	FC38	40.000	J34	0.3	0.649	0.023	0.0021
480 minute winter	FC39	41.000	J35	0.4	0.787	0.027	0.0022
480 minute winter	FC40	42.000	J36	0.5	1.023	0.025	0.0024
480 minute winter	FC41	43.000	J37	0.5	0.670	0.046	0.0037
480 minute winter	FC42	44.000	J38	0.5	0.584	0.056	0.0041
480 minute winter	FC43	45.000	J39	0.5	0.683	0.045	0.0031
480 minute winter	FC44	46.000	J40	0.4	0.664	0.036	0.0026
480 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
480 minute winter	FC46	48.000	S20	0.6	0.433	0.108	0.0089
480 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0042
480 minute winter	FC48	50.000	J42	0.5	0.368	0.035	0.0069
480 minute winter	FC49	51.000	S21	0.5	0.447	0.082	0.0047

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC50	264	185.051	0.251	0.5	0.3346	0.0000	SURCHARGED
480 minute winter	FC51	264	185.101	0.251	0.5	0.3345	0.0000	SURCHARGED
480 minute winter	FC52	256	185.571	0.321	0.6	0.4406	0.0000	SURCHARGED
480 minute winter	FC53	264	185.498	0.248	0.5	0.3296	0.0000	SURCHARGED
480 minute winter	FC54	264	185.415	0.165	0.4	0.2131	0.0000	SURCHARGED
480 minute winter	FC55	264	185.413	0.163	0.4	0.2107	0.0000	SURCHARGED
480 minute winter	FC56	264	185.594	0.244	0.5	0.3251	0.0000	SURCHARGED
480 minute winter	FC57	264	185.595	0.245	0.5	0.3257	0.0000	SURCHARGED
480 minute winter	FC58	264	185.514	0.164	0.4	0.2113	0.0000	SURCHARGED
480 minute winter	FC59	264	185.514	0.164	0.4	0.2121	0.0000	SURCHARGED
480 minute winter	FC60	264	185.596	0.246	0.5	0.3272	0.0000	SURCHARGED
480 minute winter	FC61	264	185.548	0.248	0.5	0.3301	0.0000	SURCHARGED
480 minute winter	FC62	264	185.703	0.453	0.7	0.6479	0.0000	SURCHARGED
480 minute winter	FC63	264	185.570	0.170	0.4	0.2192	0.0000	SURCHARGED
480 minute winter	FC64	264	185.251	0.251	0.5	0.3339	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC50	52.000	J43	0.5	0.448	0.082	0.0051
480 minute winter	FC51	55.000	S22	0.5	0.449	0.082	0.0066
480 minute winter	FC52	58.000	S23	0.6	0.678	0.055	0.0045
480 minute winter	FC53	61.000	J50	0.5	0.613	0.052	0.0034
480 minute winter	FC54	62.000	J51	0.4	0.640	0.037	0.0024
480 minute winter	FC55	64.000	J53	0.4	0.805	0.026	0.0020
480 minute winter	FC56	53.000	J44	0.5	0.883	0.031	0.0036
480 minute winter	FC57	54.000	J45	0.5	0.830	0.034	0.0038
480 minute winter	FC58	56.000	J46	0.4	0.749	0.029	0.0033
480 minute winter	FC59	57.000	J47	0.4	0.695	0.033	0.0036
480 minute winter	FC60	59.000	J48	0.5	0.732	0.041	0.0044
480 minute winter	FC61	60.000	J49	0.5	0.588	0.056	0.0061
480 minute winter	FC62	63.000	J52	0.7	0.593	0.087	0.0105
480 minute winter	FC63	65.000	S26	0.4	0.406	0.067	0.0023
480 minute winter	FC64	66.000	J54	0.5	0.320	0.082	0.0034

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC65	264	185.393	0.243	0.5	0.3238	0.0000	SURCHARGED
480 minute winter	FC66	264	185.250	0.250	0.5	0.3329	0.0000	SURCHARGED
480 minute winter	FC67	296	184.899	0.099	0.4	1.0226	0.0000	OK
480 minute winter	FC68	264	184.717	0.166	0.4	0.2149	0.0000	SURCHARGED
480 minute winter	J1	264	188.229	0.029	1.5	0.0390	0.0000	OK
480 minute winter	J2	264	188.151	0.045	2.0	0.0514	0.0000	OK
480 minute winter	J3	264	188.092	0.046	2.7	0.0524	0.0000	OK
480 minute winter	J4	264	188.068	0.033	3.1	0.0375	0.0000	OK
480 minute winter	J5	264	187.941	0.031	3.6	0.0351	0.0000	OK
480 minute winter	J6	264	187.696	0.046	4.0	0.0515	0.0000	OK
480 minute winter	J7	264	187.659	0.059	4.4	0.0663	0.0000	OK
480 minute winter	J8	264	187.636	0.043	4.8	0.0482	0.0000	OK
480 minute winter	J9	264	187.335	0.060	5.2	0.0676	0.0000	OK
480 minute winter	J10	264	187.305	0.035	5.9	0.0392	0.0000	OK
480 minute winter	J11	264	187.171	0.050	6.3	0.0570	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC65	67.000	J55	0.5	0.342	0.026	0.0034
480 minute winter	FC66	68.000	S24	0.5	0.503	0.068	0.0021
480 minute winter	FC67	69.000	J56	0.3	0.380	0.049	0.0016
480 minute winter	FC68	70.000	J57	0.4	0.556	0.044	0.0016
480 minute winter	J1	1.001	J2	1.5	0.563	0.179	0.0134
480 minute winter	J2	1.002	J3	2.0	0.621	0.333	0.0033
480 minute winter	J3	1.003	J4	2.7	0.722	0.203	0.0073
480 minute winter	J4	1.004	J5	3.1	1.120	0.092	0.0097
480 minute winter	J5	1.005	J6	3.6	1.010	0.093	0.0203
480 minute winter	J6	1.006	J7	4.0	0.730	0.139	0.0107
480 minute winter	J7	1.007	J8	4.4	0.834	0.313	0.0059
480 minute winter	J8	1.008	J9	4.8	1.218	0.160	0.0337
480 minute winter	J9	1.009	J10	5.2	0.868	0.157	0.0074
480 minute winter	J10	1.010	J11	5.9	1.132	0.046	0.0128
480 minute winter	J11	1.011	S2	6.3	0.641	0.098	0.0532

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J12	264	186.864	0.055	8.2	0.0617	0.0000	OK
480 minute winter	J13	264	186.801	0.098	8.5	0.1114	0.0000	OK
480 minute winter	J14	264	186.789	0.094	8.9	0.1062	0.0000	OK
480 minute winter	J15	264	186.773	0.085	9.3	0.0958	0.0000	OK
480 minute winter	J16	264	186.739	0.069	9.6	0.0783	0.0000	OK
480 minute winter	J17	264	186.404	0.046	10.0	0.0517	0.0000	OK
480 minute winter	J18	480	186.278	0.084	11.6	0.0948	0.0000	OK
480 minute winter	J19	480	186.286	0.258	12.1	0.2924	0.0000	OK
480 minute winter	J20	480	186.274	0.343	0.7	0.3880	0.0000	SURCHARGED
480 minute winter	J21	480	186.274	0.379	1.2	0.4287	0.0000	SURCHARGED
480 minute winter	J22	480	186.274	0.456	1.7	0.5161	0.0000	SURCHARGED
480 minute winter	J23	480	186.275	0.492	1.9	0.5560	0.0000	SURCHARGED
480 minute winter	J24	480	186.275	0.625	3.2	0.7068	0.0000	SURCHARGED
480 minute winter	J25	464	186.284	0.669	4.7	0.7562	0.0000	SURCHARGED
480 minute winter	J26	456	186.278	0.691	4.0	0.7811	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J12	1.013	J13	8.2	0.686	0.122	0.0780
480 minute winter	J13	1.014	J14	8.5	0.524	0.270	0.0307
480 minute winter	J14	1.015	J15	8.9	0.605	0.284	0.0281
480 minute winter	J15	1.016	J16	9.3	0.773	0.302	0.0615
480 minute winter	J16	1.017	J17	9.6	1.020	0.160	0.0318
480 minute winter	J17	1.018	S3	10.0	1.012	0.069	0.0191
480 minute winter	J18	1.020	J19	11.6	1.695	0.089	0.0357
480 minute winter	J19	1.021	S4	12.1	0.681	0.219	0.2815
480 minute winter	J20	23.002	J21	0.7	0.403	0.116	0.0295
480 minute winter	J21	23.003	J22	1.2	0.484	0.198	0.0627
480 minute winter	J22	23.004	J23	1.6	0.580	0.276	0.0281
480 minute winter	J23	23.005	S18	1.9	0.651	0.324	0.0587
480 minute winter	J24	23.007	J25	3.2	0.521	0.237	0.1088
480 minute winter	J25	23.008	J26	3.6	0.539	0.269	0.0874
480 minute winter	J26	23.009	S19	3.9	0.623	0.294	0.0652

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J27	480	186.287	0.826	5.1	0.9339	0.0000	SURCHARGED
480 minute winter	J28	256	186.392	0.036	1.6	0.0409	0.0000	OK
480 minute winter	J29	256	186.313	0.042	2.0	0.0479	0.0000	OK
480 minute winter	J30	256	186.199	0.052	2.9	0.0590	0.0000	OK
480 minute winter	J31	256	186.173	0.054	3.4	0.0612	0.0000	OK
480 minute winter	J32	256	186.121	0.057	3.9	0.0645	0.0000	OK
480 minute winter	J33	256	185.649	0.039	5.3	0.0442	0.0000	OK
480 minute winter	J34	256	185.190	0.065	6.6	0.0740	0.0000	OK
480 minute winter	J35	256	185.118	0.043	7.0	0.0482	0.0000	OK
480 minute winter	J36	264	184.948	0.073	7.5	0.0821	0.0000	OK
480 minute winter	J37	264	184.652	0.077	8.7	0.0876	0.0000	OK
480 minute winter	J38	264	184.469	0.093	9.6	0.1057	0.0000	OK
480 minute winter	J39	264	184.431	0.093	10.1	0.1054	0.0000	OK
480 minute winter	J40	264	184.405	0.080	10.5	0.0908	0.0000	OK
480 minute winter	J41	264	184.623	0.026	0.8	0.0293	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J27	23.011	S4	4.9	0.560	0.163	0.0951
480 minute winter	J28	32.001	J29	1.6	0.558	0.268	0.0252
480 minute winter	J29	32.002	S12	2.0	0.655	0.333	0.0141
480 minute winter	J30	32.004	J31	2.9	0.526	0.221	0.0278
480 minute winter	J31	32.005	J32	3.4	0.576	0.257	0.0578
480 minute winter	J32	32.006	S13	3.9	0.793	0.293	0.0262
480 minute winter	J33	32.008	S14	5.3	0.926	0.148	0.0522
480 minute winter	J34	32.010	J35	6.6	0.909	0.172	0.0666
480 minute winter	J35	32.011	J36	7.0	0.878	0.079	0.0559
480 minute winter	J36	32.012	S15	7.2	0.911	0.239	0.0198
480 minute winter	J37	32.014	S16	8.7	1.054	0.286	0.0438
480 minute winter	J38	32.016	J39	9.6	0.616	0.317	0.1682
480 minute winter	J39	32.017	J40	10.1	0.714	0.327	0.0516
480 minute winter	J40	32.018	S10	10.5	0.863	0.243	0.1161
480 minute winter	J41	48.002	J42	0.8	0.447	0.142	0.0118

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J42	264	184.569	0.032	1.3	0.0366	0.0000	OK
480 minute winter	J43	264	184.411	0.051	2.5	0.0573	0.0000	OK
480 minute winter	J44	264	184.399	0.049	3.0	0.0550	0.0000	OK
480 minute winter	J45	264	184.366	0.066	3.5	0.0742	0.0000	OK
480 minute winter	J46	264	184.343	0.070	4.8	0.0797	0.0000	OK
480 minute winter	J47	264	184.320	0.072	5.1	0.0813	0.0000	OK
480 minute winter	J48	480	184.262	0.108	6.4	0.1224	0.0000	OK
480 minute winter	J49	480	184.264	0.135	6.9	0.1526	0.0000	OK
480 minute winter	J50	496	184.260	0.135	7.4	0.1526	0.0000	OK
480 minute winter	J51	480	184.265	0.157	7.7	0.1772	0.0000	OK
480 minute winter	J52	488	184.259	0.155	8.4	0.1750	0.0000	OK
480 minute winter	J53	488	184.260	0.173	8.8	0.1955	0.0000	OK
480 minute winter	J54	264	185.010	0.031	1.1	0.0348	0.0000	OK
480 minute winter	J55	264	184.981	0.036	1.6	0.0412	0.0000	OK
480 minute winter	J56	488	184.258	0.291	12.6	0.3296	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J42	48.003	S21	1.3	0.497	0.226	0.0220
480 minute winter	J43	48.005	J44	2.5	0.492	0.179	0.0082
480 minute winter	J44	48.006	J45	3.0	0.487	0.224	0.0541
480 minute winter	J45	48.007	S22	3.5	0.451	0.256	0.0186
480 minute winter	J46	48.009	J47	4.7	0.577	0.356	0.0347
480 minute winter	J47	48.010	S23	5.1	0.662	0.386	0.0205
480 minute winter	J48	48.012	J49	6.4	0.443	0.213	0.1626
480 minute winter	J49	48.013	J50	6.9	0.445	0.224	0.0281
480 minute winter	J50	48.014	J51	7.3	0.470	0.246	0.1375
480 minute winter	J51	48.015	J52	7.7	0.497	0.253	0.0328
480 minute winter	J52	48.016	J53	8.4	0.580	0.276	0.1513
480 minute winter	J53	48.017	S24	8.8	0.678	0.292	0.3638
480 minute winter	J54	65.002	J55	1.1	0.467	0.182	0.0084
480 minute winter	J55	65.003	S24	1.6	0.622	0.265	0.0198
480 minute winter	J56	48.019	J57	12.6	0.553	0.233	0.6375

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Results for 100 year 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J57	512	184.259	0.314	13.0	0.3551	0.0000	SURCHARGED
480 minute winter	BASIN 1	472	186.271	1.271	17.1	176.9574	0.0000	SURCHARGED
480 minute winter	BASIN 2	720	184.753	0.453	1.6	44.4965	0.0000	OK
480 minute winter	BASIN 3	496	183.284	0.184	11.6	129.5988	0.0000	OK
480 minute winter	BASIN 4	496	184.257	0.927	13.0	137.9266	0.0000	SURCHARGED
480 minute winter	SWALE 1	472	184.967	0.035	1.6	0.0400	0.0000	OK
480 minute winter	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
480 minute winter	SWALE 3	264	184.154	0.084	11.6	0.0949	0.0000	OK
480 minute winter	BH1	720	184.753	0.676	0.6	2.7628	0.0000	OK
480 minute winter	BH2	512	183.284	0.232	1.3	2.7604	0.0000	OK
480 minute winter	BH3	496	184.257	0.951	1.8	6.0427	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J57	48.020	S25	13.0	0.598	0.241	0.5574
480 minute winter	BASIN 1	1.023	S5	1.7	0.163	0.032	0.6013
480 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
480 minute winter	BASIN 2	71.000	BH1	0.6	0.421	0.099	0.1829
480 minute winter	BASIN 3	1.034	BH2	1.3	0.265	0.016	1.6968
480 minute winter	BASIN 4	48.022	BH3	1.8	0.463	0.034	0.7181
480 minute winter	SWALE 1	1.025	S6	1.6	0.338	0.030	0.1764
480 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
480 minute winter	SWALE 3	1.033	BASIN 3	11.6	0.737	0.167	0.6792
480 minute winter	BH1	Infiltration		0.1			
480 minute winter	BH2	Infiltration		0.2			
480 minute winter	BH3	Infiltration		0.2			

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S1	315	188.388	0.018	0.6	0.0241	0.0000	OK
600 minute summer	S2	315	187.123	0.084	8.0	0.1239	0.0000	OK
600 minute summer	S3	315	186.302	0.090	11.4	0.1164	0.0000	OK
600 minute summer	S4	600	186.192	0.814	17.6	0.9670	0.0000	SURCHARGED
600 minute summer	S5	600	186.192	1.212	1.5	1.3707	0.0000	SURCHARGED
600 minute summer	S6	600	184.879	0.035	1.5	0.0399	0.0000	OK
600 minute summer	S7	15	184.779	0.000	0.0	0.0000	0.0000	OK
600 minute summer	S8	15	184.390	0.000	0.0	0.0000	0.0000	OK
600 minute summer	S9	315	184.243	0.043	0.0	0.0481	0.0000	OK
600 minute summer	S10	315	184.243	0.059	12.2	0.0894	0.0000	OK
600 minute summer	S11	315	186.435	0.035	1.4	0.0572	0.0000	OK
600 minute summer	S12	315	186.225	0.049	2.6	0.0553	0.0000	OK
600 minute summer	S13	315	186.075	0.041	5.0	0.0584	0.0000	OK
600 minute summer	S14	315	185.322	0.072	6.9	0.1130	0.0000	OK
600 minute summer	S15	315	184.914	0.047	8.7	0.0650	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	S1	1.000	J1	0.6	0.416	0.069	0.0122
600 minute summer	S2	1.012	J12	8.0	0.648	0.267	0.0184
600 minute summer	S3	1.019	J18	11.4	1.001	0.372	0.0587
600 minute summer	S4	1.022	BASIN 1	17.4	1.027	0.104	1.1778
600 minute summer	S5	1.024	SWALE 1	1.5	0.335	0.029	0.0927
600 minute summer	S6	1.026	BASIN 2	1.5	0.383	0.028	0.0230
600 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
600 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0366
600 minute summer	S9	1.031	S10	0.0	0.006	0.000	0.0527
600 minute summer	S10	1.032	SWALE 3	12.2	0.935	0.068	0.0575
600 minute summer	S11	32.000	J28	1.4	0.537	0.235	0.0119
600 minute summer	S12	32.003	J30	2.6	0.496	0.197	0.0270
600 minute summer	S13	32.007	J33	5.0	1.292	0.154	0.0501
600 minute summer	S14	32.009	J34	6.9	0.875	0.397	0.0413
600 minute summer	S15	32.013	J37	8.7	0.958	0.095	0.0864

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S16	315	184.599	0.042	9.6	0.0528	0.0000	OK
600 minute summer	S17	600	186.192	0.192	0.3	0.2172	0.0000	SURCHARGED
600 minute summer	S18	600	186.192	0.531	2.9	0.7503	0.0000	SURCHARGED
600 minute summer	S19	600	186.192	0.701	5.1	0.9604	0.0000	SURCHARGED
600 minute summer	S20	315	184.671	0.028	1.0	0.0347	0.0000	OK
600 minute summer	S21	315	184.502	0.043	2.1	0.0514	0.0000	OK
600 minute summer	S22	315	184.356	0.070	4.3	0.0857	0.0000	OK
600 minute summer	S23	315	184.243	0.085	5.9	0.1007	0.0000	OK
600 minute summer	S24	630	184.225	0.248	12.4	0.3605	0.0000	OK
600 minute summer	S25	615	184.227	0.301	13.0	0.3402	0.0000	SURCHARGED
600 minute summer	S26	330	185.395	0.018	0.6	0.0218	0.0000	OK
600 minute summer	FC1	315	188.473	0.223	0.5	0.2966	0.0000	SURCHARGED
600 minute summer	FC2	315	188.373	0.223	0.5	0.2971	0.0000	SURCHARGED
600 minute summer	FC3	330	188.785	0.585	0.9	0.8493	0.0000	SURCHARGED
600 minute summer	FC4	330	188.369	0.169	0.4	0.2180	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	S16	32.015	J38	9.6	0.934	0.066	0.0245
600 minute summer	S17	23.001	J20	0.3	0.281	0.051	0.0560
600 minute summer	S18	23.006	J24	2.9	0.488	0.211	0.0323
600 minute summer	S19	23.010	J27	4.8	0.482	0.161	0.3541
600 minute summer	S20	48.001	J41	1.0	0.534	0.162	0.0084
600 minute summer	S21	48.004	J43	2.1	0.662	0.350	0.0159
600 minute summer	S22	48.008	J46	4.3	0.532	0.319	0.0196
600 minute summer	S23	48.011	J48	5.9	0.444	0.192	0.0150
600 minute summer	S24	48.018	J56	12.4	0.526	0.231	0.2692
600 minute summer	S25	48.021	BASIN 4	13.0	0.696	0.235	0.2248
600 minute summer	S26	65.001	J54	0.6	0.629	0.068	0.0081
600 minute summer	FC1	2.000	J1	0.5	0.324	0.074	0.0072
600 minute summer	FC2	3.000	J2	0.5	0.212	0.077	0.0106
600 minute summer	FC3	4.000	J3	0.8	0.540	0.119	0.0132
600 minute summer	FC4	5.000	J4	0.4	0.505	0.052	0.0058

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC5	315	188.224	0.224	0.5	0.2978	0.0000	SURCHARGED
600 minute summer	FC6	330	188.018	0.168	0.4	0.2167	0.0000	SURCHARGED
600 minute summer	FC7	330	187.919	0.169	0.4	0.2186	0.0000	SURCHARGED
600 minute summer	FC8	315	187.970	0.220	0.5	0.2927	0.0000	SURCHARGED
600 minute summer	FC9	330	187.641	0.171	0.4	0.2205	0.0000	SURCHARGED
600 minute summer	FC10	330	187.943	0.473	0.8	0.6669	0.0000	SURCHARGED
600 minute summer	FC11	315	187.543	0.223	0.5	0.2925	0.0000	SURCHARGED
600 minute summer	FC12	315	187.453	0.223	0.5	0.2925	0.0000	SURCHARGED
600 minute summer	FC13	315	187.224	0.224	0.5	0.2975	0.0000	SURCHARGED
600 minute summer	FC14	345	187.004	0.104	0.5	1.3330	0.0000	SURCHARGED
600 minute summer	FC15	330	187.364	0.164	0.4	0.2122	0.0000	SURCHARGED
600 minute summer	FC16	330	187.070	0.170	0.4	0.2195	0.0000	SURCHARGED
600 minute summer	FC17	330	187.166	0.166	0.4	0.2138	0.0000	SURCHARGED
600 minute summer	FC18	330	186.721	0.171	0.4	0.2206	0.0000	SURCHARGED
600 minute summer	FC19	315	186.624	0.224	0.5	0.2976	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC5	6.000	J5	0.5	0.439	0.077	0.0043
600 minute summer	FC6	7.000	J6	0.4	0.555	0.046	0.0052
600 minute summer	FC7	8.000	J7	0.4	0.482	0.056	0.0060
600 minute summer	FC8	9.000	J8	0.5	0.622	0.047	0.0031
600 minute summer	FC9	10.000	J9	0.4	0.426	0.066	0.0067
600 minute summer	FC10	11.000	J10	0.7	0.536	0.102	0.0079
600 minute summer	FC11	12.000	J11	0.5	0.442	0.077	0.0080
600 minute summer	FC12	13.000	S2	0.5	0.441	0.077	0.0071
600 minute summer	FC13	14.000	J12	0.5	0.443	0.077	0.0070
600 minute summer	FC14	15.000	J13	0.3	0.393	0.051	0.0058
600 minute summer	FC15	16.000	J14	0.4	0.898	0.023	0.0021
600 minute summer	FC16	17.000	J15	0.4	0.452	0.061	0.0066
600 minute summer	FC17	18.000	J16	0.4	0.715	0.031	0.0027
600 minute summer	FC18	19.000	J17	0.4	0.423	0.067	0.0065
600 minute summer	FC19	20.000	S3	0.5	0.440	0.077	0.0068

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC20	315	187.167	0.217	0.5	0.2891	0.0000	SURCHARGED
600 minute summer	FC21	315	186.524	0.224	0.5	0.2975	0.0000	SURCHARGED
600 minute summer	FC22	345	186.549	0.099	0.4	0.9650	0.0000	OK
600 minute summer	FC23	330	186.470	0.170	0.4	0.2200	0.0000	SURCHARGED
600 minute summer	FC24	315	186.522	0.222	0.5	0.2952	0.0000	SURCHARGED
600 minute summer	FC25	315	186.767	0.217	0.5	0.2891	0.0000	SURCHARGED
600 minute summer	FC26	345	186.548	0.098	0.4	0.9874	0.0000	OK
600 minute summer	FC27	330	186.664	0.164	0.4	0.2122	0.0000	SURCHARGED
600 minute summer	FC28	315	186.717	0.217	0.5	0.2891	0.0000	SURCHARGED
600 minute summer	FC29	330	186.801	0.301	0.6	0.4066	0.0000	SURCHARGED
600 minute summer	FC30	315	186.968	0.218	0.5	0.2896	0.0000	SURCHARGED
600 minute summer	FC31	330	186.617	0.167	0.4	0.2161	0.0000	SURCHARGED
600 minute summer	FC32	330	186.615	0.165	0.4	0.2135	0.0000	SURCHARGED
600 minute summer	FC33	315	186.668	0.218	0.5	0.2898	0.0000	SURCHARGED
600 minute summer	FC34	315	186.673	0.223	0.5	0.2972	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC20	21.000	J18	0.5	0.885	0.028	0.0022
600 minute summer	FC21	22.000	J19	0.5	0.441	0.077	0.0079
600 minute summer	FC22	23.000	S17	0.3	0.559	0.016	0.0192
600 minute summer	FC23	24.000	J20	0.4	0.441	0.063	0.0041
600 minute summer	FC24	25.000	J21	0.5	0.515	0.061	0.0041
600 minute summer	FC25	26.000	J22	0.5	0.878	0.029	0.0025
600 minute summer	FC26	27.000	J23	0.3	0.684	0.022	0.0020
600 minute summer	FC27	28.000	J24	0.4	0.927	0.022	0.0169
600 minute summer	FC28	29.000	J25	0.5	0.883	0.029	0.0023
600 minute summer	FC29	30.000	J26	0.5	0.905	0.035	0.0028
600 minute summer	FC30	31.000	J27	0.5	0.825	0.031	0.0024
600 minute summer	FC31	33.000	J28	0.4	0.271	0.044	0.0074
600 minute summer	FC32	34.000	J29	0.4	0.239	0.031	0.0082
600 minute summer	FC33	35.000	S12	0.5	0.811	0.032	0.0023
600 minute summer	FC34	36.000	J30	0.5	0.453	0.074	0.0048

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC35	315	186.668	0.218	0.5	0.2897	0.0000	SURCHARGED
600 minute summer	FC36	330	186.751	0.301	0.6	0.4064	0.0000	SURCHARGED
600 minute summer	FC37	330	186.208	0.408	0.7	0.5671	0.0000	SURCHARGED
600 minute summer	FC38	345	185.541	0.090	0.4	1.0888	0.0000	OK
600 minute summer	FC39	330	185.615	0.165	0.4	0.2129	0.0000	SURCHARGED
600 minute summer	FC40	315	185.717	0.217	0.5	0.2886	0.0000	SURCHARGED
600 minute summer	FC41	315	185.069	0.219	0.5	0.2919	0.0000	SURCHARGED
600 minute summer	FC42	315	184.821	0.221	0.5	0.2937	0.0000	SURCHARGED
600 minute summer	FC43	315	184.819	0.219	0.5	0.2917	0.0000	SURCHARGED
600 minute summer	FC44	300	184.613	0.013	0.4	0.0171	0.0000	OK
600 minute summer	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
600 minute summer	FC46	330	185.173	0.473	0.8	0.6680	0.0000	SURCHARGED
600 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute summer	FC48	315	185.018	0.218	0.5	0.2896	0.0000	SURCHARGED
600 minute summer	FC49	315	185.024	0.224	0.5	0.2978	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC35	37.000	J31	0.5	0.816	0.032	0.0029
600 minute summer	FC36	38.000	J32	0.5	0.922	0.034	0.0029
600 minute summer	FC37	39.000	J33	0.6	0.644	0.071	0.0064
600 minute summer	FC38	40.000	J34	0.3	0.648	0.023	0.0021
600 minute summer	FC39	41.000	J35	0.4	0.788	0.027	0.0022
600 minute summer	FC40	42.000	J36	0.5	1.005	0.024	0.0023
600 minute summer	FC41	43.000	J37	0.5	0.658	0.044	0.0035
600 minute summer	FC42	44.000	J38	0.5	0.574	0.053	0.0039
600 minute summer	FC43	45.000	J39	0.5	0.670	0.042	0.0030
600 minute summer	FC44	46.000	J40	0.4	0.664	0.036	0.0026
600 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
600 minute summer	FC46	48.000	S20	0.7	0.440	0.114	0.0095
600 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0047
600 minute summer	FC48	50.000	J42	0.5	0.343	0.033	0.0072
600 minute summer	FC49	51.000	S21	0.5	0.439	0.077	0.0045

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC50	315	185.024	0.224	0.5	0.2977	0.0000	SURCHARGED
600 minute summer	FC51	315	185.074	0.224	0.5	0.2976	0.0000	SURCHARGED
600 minute summer	FC52	315	185.614	0.364	0.7	0.4989	0.0000	SURCHARGED
600 minute summer	FC53	315	185.470	0.220	0.5	0.2931	0.0000	SURCHARGED
600 minute summer	FC54	330	185.417	0.167	0.4	0.2150	0.0000	SURCHARGED
600 minute summer	FC55	330	185.415	0.165	0.4	0.2127	0.0000	SURCHARGED
600 minute summer	FC56	315	185.567	0.217	0.5	0.2892	0.0000	SURCHARGED
600 minute summer	FC57	315	185.568	0.218	0.5	0.2897	0.0000	SURCHARGED
600 minute summer	FC58	330	185.515	0.165	0.4	0.2133	0.0000	SURCHARGED
600 minute summer	FC59	330	185.516	0.166	0.4	0.2141	0.0000	SURCHARGED
600 minute summer	FC60	315	185.569	0.219	0.5	0.2909	0.0000	SURCHARGED
600 minute summer	FC61	315	185.521	0.221	0.5	0.2936	0.0000	SURCHARGED
600 minute summer	FC62	330	185.761	0.511	0.8	0.7306	0.0000	SURCHARGED
600 minute summer	FC63	330	185.571	0.171	0.4	0.2212	0.0000	SURCHARGED
600 minute summer	FC64	315	185.223	0.223	0.5	0.2971	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC50	52.000	J43	0.5	0.439	0.077	0.0049
600 minute summer	FC51	55.000	S22	0.5	0.441	0.077	0.0064
600 minute summer	FC52	58.000	S23	0.6	0.691	0.059	0.0047
600 minute summer	FC53	61.000	J50	0.5	0.603	0.049	0.0032
600 minute summer	FC54	62.000	J51	0.4	0.641	0.037	0.0025
600 minute summer	FC55	64.000	J53	0.4	0.806	0.026	0.0020
600 minute summer	FC56	53.000	J44	0.5	0.867	0.030	0.0035
600 minute summer	FC57	54.000	J45	0.5	0.814	0.032	0.0036
600 minute summer	FC58	56.000	J46	0.4	0.750	0.030	0.0033
600 minute summer	FC59	57.000	J47	0.4	0.696	0.033	0.0036
600 minute summer	FC60	59.000	J48	0.5	0.719	0.039	0.0042
600 minute summer	FC61	60.000	J49	0.5	0.577	0.053	0.0058
600 minute summer	FC62	63.000	J52	0.7	0.603	0.092	0.0110
600 minute summer	FC63	65.000	S26	0.4	0.420	0.067	0.0023
600 minute summer	FC64	66.000	J54	0.5	0.307	0.077	0.0033

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC65	315	185.367	0.217	0.5	0.2886	0.0000	SURCHARGED
600 minute summer	FC66	315	185.223	0.222	0.5	0.2961	0.0000	SURCHARGED
600 minute summer	FC67	345	184.899	0.099	0.4	1.0218	0.0000	OK
600 minute summer	FC68	330	184.718	0.168	0.4	0.2169	0.0000	SURCHARGED
600 minute summer	J1	315	188.231	0.031	1.7	0.0416	0.0000	OK
600 minute summer	J2	315	188.153	0.047	2.1	0.0535	0.0000	OK
600 minute summer	J3	315	188.094	0.048	2.8	0.0538	0.0000	OK
600 minute summer	J4	315	188.069	0.034	3.2	0.0385	0.0000	OK
600 minute summer	J5	315	187.942	0.032	3.7	0.0356	0.0000	OK
600 minute summer	J6	315	187.696	0.046	4.1	0.0524	0.0000	OK
600 minute summer	J7	315	187.659	0.059	4.5	0.0671	0.0000	OK
600 minute summer	J8	315	187.636	0.043	4.9	0.0485	0.0000	OK
600 minute summer	J9	315	187.335	0.060	5.3	0.0680	0.0000	OK
600 minute summer	J10	315	187.305	0.035	6.0	0.0395	0.0000	OK
600 minute summer	J11	315	187.172	0.051	6.4	0.0575	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC65	67.000	J55	0.5	0.332	0.025	0.0032
600 minute summer	FC66	68.000	S24	0.5	0.494	0.063	0.0020
600 minute summer	FC67	69.000	J56	0.3	0.380	0.049	0.0016
600 minute summer	FC68	70.000	J57	0.4	0.557	0.044	0.0016
600 minute summer	J1	1.001	J2	1.7	0.586	0.200	0.0143
600 minute summer	J2	1.002	J3	2.1	0.632	0.356	0.0035
600 minute summer	J3	1.003	J4	2.8	0.734	0.214	0.0076
600 minute summer	J4	1.004	J5	3.2	1.139	0.096	0.0100
600 minute summer	J5	1.005	J6	3.7	1.019	0.096	0.0207
600 minute summer	J6	1.006	J7	4.1	0.736	0.143	0.0109
600 minute summer	J7	1.007	J8	4.5	0.842	0.320	0.0060
600 minute summer	J8	1.008	J9	4.9	1.222	0.162	0.0340
600 minute summer	J9	1.009	J10	5.3	0.869	0.159	0.0074
600 minute summer	J10	1.010	J11	6.0	1.134	0.046	0.0130
600 minute summer	J11	1.011	S2	6.4	0.643	0.100	0.0544

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J12	315	186.865	0.056	8.4	0.0630	0.0000	OK
600 minute summer	J13	315	186.802	0.100	8.7	0.1129	0.0000	OK
600 minute summer	J14	315	186.790	0.095	9.1	0.1075	0.0000	OK
600 minute summer	J15	315	186.774	0.086	9.5	0.0968	0.0000	OK
600 minute summer	J16	315	186.740	0.070	9.8	0.0791	0.0000	OK
600 minute summer	J17	315	186.404	0.046	10.2	0.0523	0.0000	OK
600 minute summer	J18	315	186.253	0.059	11.8	0.0662	0.0000	OK
600 minute summer	J19	600	186.192	0.165	12.3	0.1866	0.0000	OK
600 minute summer	J20	600	186.192	0.261	0.7	0.2952	0.0000	SURCHARGED
600 minute summer	J21	600	186.192	0.297	1.1	0.3359	0.0000	SURCHARGED
600 minute summer	J22	600	186.192	0.374	1.6	0.4230	0.0000	SURCHARGED
600 minute summer	J23	600	186.192	0.409	1.9	0.4626	0.0000	SURCHARGED
600 minute summer	J24	600	186.192	0.542	3.3	0.6130	0.0000	SURCHARGED
600 minute summer	J25	600	186.192	0.577	3.7	0.6526	0.0000	SURCHARGED
600 minute summer	J26	600	186.192	0.605	4.0	0.6843	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J12	1.013	J13	8.4	0.693	0.126	0.0796
600 minute summer	J13	1.014	J14	8.7	0.528	0.277	0.0312
600 minute summer	J14	1.015	J15	9.1	0.609	0.290	0.0285
600 minute summer	J15	1.016	J16	9.5	0.777	0.309	0.0624
600 minute summer	J16	1.017	J17	9.8	1.025	0.163	0.0323
600 minute summer	J17	1.018	S3	10.2	1.014	0.070	0.0194
600 minute summer	J18	1.020	J19	11.8	1.702	0.091	0.0118
600 minute summer	J19	1.021	S4	12.3	0.684	0.223	0.1816
600 minute summer	J20	23.002	J21	0.7	0.411	0.116	0.0295
600 minute summer	J21	23.003	J22	1.1	0.485	0.192	0.0627
600 minute summer	J22	23.004	J23	1.6	0.575	0.267	0.0281
600 minute summer	J23	23.005	S18	1.9	0.649	0.318	0.0587
600 minute summer	J24	23.007	J25	3.2	0.526	0.240	0.1088
600 minute summer	J25	23.008	J26	3.5	0.539	0.264	0.0874
600 minute summer	J26	23.009	S19	4.0	0.625	0.298	0.0652

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J27	600	186.192	0.731	5.2	0.8267	0.0000	SURCHARGED
600 minute summer	J28	315	186.395	0.039	1.8	0.0437	0.0000	OK
600 minute summer	J29	315	186.316	0.045	2.2	0.0506	0.0000	OK
600 minute summer	J30	315	186.201	0.054	3.1	0.0606	0.0000	OK
600 minute summer	J31	315	186.174	0.055	3.5	0.0625	0.0000	OK
600 minute summer	J32	315	186.122	0.058	4.1	0.0660	0.0000	OK
600 minute summer	J33	315	185.650	0.040	5.6	0.0455	0.0000	OK
600 minute summer	J34	315	185.193	0.068	7.1	0.0768	0.0000	OK
600 minute summer	J35	315	185.119	0.044	7.5	0.0499	0.0000	OK
600 minute summer	J36	315	184.950	0.075	8.0	0.0845	0.0000	OK
600 minute summer	J37	315	184.655	0.080	9.2	0.0902	0.0000	OK
600 minute summer	J38	315	184.471	0.096	10.1	0.1089	0.0000	OK
600 minute summer	J39	315	184.434	0.096	10.5	0.1080	0.0000	OK
600 minute summer	J40	315	184.407	0.082	10.9	0.0930	0.0000	OK
600 minute summer	J41	315	184.625	0.028	1.0	0.0316	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J27	23.011	S4	5.0	0.555	0.167	0.0951
600 minute summer	J28	32.001	J29	1.8	0.579	0.302	0.0273
600 minute summer	J29	32.002	S12	2.2	0.670	0.367	0.0151
600 minute summer	J30	32.004	J31	3.1	0.535	0.233	0.0287
600 minute summer	J31	32.005	J32	3.5	0.579	0.267	0.0595
600 minute summer	J32	32.006	S13	4.1	0.800	0.306	0.0271
600 minute summer	J33	32.008	S14	5.6	0.930	0.157	0.0552
600 minute summer	J34	32.010	J35	7.1	0.929	0.185	0.0701
600 minute summer	J35	32.011	J36	7.5	0.900	0.085	0.0583
600 minute summer	J36	32.012	S15	7.9	0.929	0.264	0.0207
600 minute summer	J37	32.014	S16	9.2	1.070	0.304	0.0458
600 minute summer	J38	32.016	J39	10.1	0.626	0.334	0.1743
600 minute summer	J39	32.017	J40	10.5	0.723	0.342	0.0533
600 minute summer	J40	32.018	S10	10.9	0.873	0.254	0.1198
600 minute summer	J41	48.002	J42	1.0	0.471	0.163	0.0127

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J42	315	184.571	0.034	1.4	0.0381	0.0000	OK
600 minute summer	J43	315	184.411	0.051	2.5	0.0574	0.0000	OK
600 minute summer	J44	315	184.399	0.049	3.0	0.0550	0.0000	OK
600 minute summer	J45	315	184.365	0.065	3.4	0.0734	0.0000	OK
600 minute summer	J46	315	184.342	0.070	4.7	0.0788	0.0000	OK
600 minute summer	J47	315	184.319	0.071	5.0	0.0804	0.0000	OK
600 minute summer	J48	315	184.236	0.081	6.4	0.0922	0.0000	OK
600 minute summer	J49	615	184.227	0.098	6.8	0.1103	0.0000	OK
600 minute summer	J50	615	184.226	0.101	7.3	0.1141	0.0000	OK
600 minute summer	J51	615	184.227	0.119	7.7	0.1345	0.0000	OK
600 minute summer	J52	615	184.226	0.122	8.3	0.1375	0.0000	OK
600 minute summer	J53	615	184.226	0.139	8.7	0.1571	0.0000	OK
600 minute summer	J54	330	185.009	0.030	1.0	0.0343	0.0000	OK
600 minute summer	J55	330	184.980	0.036	1.5	0.0403	0.0000	OK
600 minute summer	J56	615	184.226	0.259	12.6	0.2924	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J42	48.003	S21	1.4	0.510	0.241	0.0228
600 minute summer	J43	48.005	J44	2.5	0.495	0.181	0.0082
600 minute summer	J44	48.006	J45	3.0	0.488	0.223	0.0537
600 minute summer	J45	48.007	S22	3.4	0.446	0.253	0.0183
600 minute summer	J46	48.009	J47	4.7	0.575	0.349	0.0342
600 minute summer	J47	48.010	S23	5.0	0.658	0.378	0.0202
600 minute summer	J48	48.012	J49	6.4	0.446	0.213	0.1068
600 minute summer	J49	48.013	J50	6.8	0.446	0.223	0.0192
600 minute summer	J50	48.014	J51	7.3	0.469	0.244	0.0979
600 minute summer	J51	48.015	J52	7.7	0.495	0.250	0.0245
600 minute summer	J52	48.016	J53	8.3	0.579	0.273	0.1161
600 minute summer	J53	48.017	S24	8.7	0.677	0.289	0.3001
600 minute summer	J54	65.002	J55	1.0	0.466	0.177	0.0082
600 minute summer	J55	65.003	S24	1.5	0.615	0.254	0.0192
600 minute summer	J56	48.019	J57	12.6	0.553	0.232	0.6045

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Results for 100 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J57	615	184.225	0.280	13.0	0.3168	0.0000	OK
600 minute summer	BASIN 1	600	186.192	1.192	17.4	163.6438	0.0000	SURCHARGED
600 minute summer	BASIN 2	840	184.795	0.495	1.5	49.1411	0.0000	OK
600 minute summer	BASIN 3	630	183.278	0.178	12.2	124.9636	0.0000	OK
600 minute summer	BASIN 4	615	184.225	0.895	13.0	132.4688	0.0000	SURCHARGED
600 minute summer	SWALE 1	600	184.967	0.035	1.5	0.0393	0.0000	OK
600 minute summer	SWALE 2	15	184.450	0.000	0.0	0.0000	0.0000	OK
600 minute summer	SWALE 3	315	184.156	0.086	12.2	0.0975	0.0000	OK
600 minute summer	BH1	840	184.795	0.718	0.5	2.8832	0.0000	OK
600 minute summer	BH2	630	183.278	0.226	0.8	2.7282	0.0000	OK
600 minute summer	BH3	615	184.225	0.919	1.3	5.8955	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J57	48.020	S25	13.0	0.598	0.240	0.5497
600 minute summer	BASIN 1	1.023	S5	1.5	0.130	0.029	0.6013
600 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
600 minute summer	BASIN 2	71.000	BH1	0.5	0.399	0.091	0.1829
600 minute summer	BASIN 3	1.034	BH2	0.8	0.254	0.010	1.6320
600 minute summer	BASIN 4	48.022	BH3	1.3	0.401	0.024	0.7181
600 minute summer	SWALE 1	1.025	S6	1.5	0.335	0.029	0.1725
600 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
600 minute summer	SWALE 3	1.033	BASIN 3	12.2	0.748	0.176	0.7048
600 minute summer	BH1	Infiltration		0.1			
600 minute summer	BH2	Infiltration		0.2			
600 minute summer	BH3	Infiltration		0.2			

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S1	315	188.386	0.016	0.5	0.0220	0.0000	OK
600 minute winter	S2	315	187.116	0.077	6.7	0.1127	0.0000	OK
600 minute winter	S3	585	186.342	0.130	9.4	0.1692	0.0000	OK
600 minute winter	S4	585	186.343	0.965	14.7	1.1459	0.0000	SURCHARGED
600 minute winter	S5	585	186.342	1.362	2.4	1.5399	0.0000	SURCHARGED
600 minute winter	S6	585	184.880	0.036	1.6	0.0410	0.0000	OK
600 minute winter	S7	15	184.779	0.000	0.0	0.0000	0.0000	OK
600 minute winter	S8	15	184.390	0.000	0.0	0.0000	0.0000	OK
600 minute winter	S9	315	184.235	0.035	0.0	0.0399	0.0000	OK
600 minute winter	S10	315	184.235	0.051	9.7	0.0782	0.0000	OK
600 minute winter	S11	330	186.429	0.029	1.0	0.0474	0.0000	OK
600 minute winter	S12	330	186.218	0.042	2.0	0.0472	0.0000	OK
600 minute winter	S13	330	186.070	0.036	3.9	0.0518	0.0000	OK
600 minute winter	S14	315	185.313	0.063	5.4	0.0983	0.0000	OK
600 minute winter	S15	315	184.909	0.042	7.2	0.0582	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	S1	1.000	J1	0.5	0.391	0.057	0.0107
600 minute winter	S2	1.012	J12	6.7	0.616	0.223	0.0161
600 minute winter	S3	1.019	J18	9.4	0.956	0.308	0.1321
600 minute winter	S4	1.022	BASIN 1	14.6	1.179	0.087	1.1778
600 minute winter	S5	1.024	SWALE 1	1.6	0.341	0.030	0.0967
600 minute winter	S6	1.026	BASIN 2	1.6	0.391	0.030	0.0240
600 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
600 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0277
600 minute winter	S9	1.031	S10	0.0	-0.022	0.000	0.0421
600 minute winter	S10	1.032	SWALE 3	9.7	0.888	0.054	0.0483
600 minute winter	S11	32.000	J28	1.0	0.492	0.168	0.0092
600 minute winter	S12	32.003	J30	2.0	0.463	0.150	0.0219
600 minute winter	S13	32.007	J33	3.9	1.212	0.123	0.0424
600 minute winter	S14	32.009	J34	5.4	0.825	0.314	0.0345
600 minute winter	S15	32.013	J37	7.0	0.893	0.075	0.0740

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S16	315	184.593	0.036	7.7	0.0457	0.0000	OK
600 minute winter	S17	585	186.342	0.342	0.3	0.3866	0.0000	SURCHARGED
600 minute winter	S18	600	186.342	0.681	2.5	0.9618	0.0000	SURCHARGED
600 minute winter	S19	585	186.342	0.851	4.1	1.1662	0.0000	SURCHARGED
600 minute winter	S20	330	184.668	0.025	0.8	0.0310	0.0000	OK
600 minute winter	S21	330	184.499	0.040	1.8	0.0471	0.0000	OK
600 minute winter	S22	330	184.350	0.063	3.7	0.0775	0.0000	OK
600 minute winter	S23	600	184.333	0.175	5.0	0.2065	0.0000	OK
600 minute winter	S24	615	184.320	0.343	10.3	0.4981	0.0000	SURCHARGED
600 minute winter	S25	675	184.314	0.388	10.9	0.4385	0.0000	SURCHARGED
600 minute winter	S26	330	185.394	0.017	0.5	0.0200	0.0000	OK
600 minute winter	FC1	345	188.423	0.173	0.4	0.2306	0.0000	SURCHARGED
600 minute winter	FC2	345	188.324	0.174	0.4	0.2311	0.0000	SURCHARGED
600 minute winter	FC3	330	188.622	0.422	0.7	0.6118	0.0000	SURCHARGED
600 minute winter	FC4	360	188.302	0.102	0.3	0.1316	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	S16	32.015	J38	7.7	0.898	0.052	0.0205
600 minute winter	S17	23.001	J20	0.3	0.277	0.045	0.0560
600 minute winter	S18	23.006	J24	2.3	0.471	0.171	0.0323
600 minute winter	S19	23.010	J27	3.9	0.456	0.132	0.3541
600 minute winter	S20	48.001	J41	0.8	0.507	0.131	0.0071
600 minute winter	S21	48.004	J43	1.8	0.637	0.300	0.0142
600 minute winter	S22	48.008	J46	3.7	0.520	0.273	0.0172
600 minute winter	S23	48.011	J48	5.0	0.433	0.161	0.0362
600 minute winter	S24	48.018	J56	10.3	0.504	0.193	0.2989
600 minute winter	S25	48.021	BASIN 4	10.9	0.661	0.197	0.2248
600 minute winter	S26	65.001	J54	0.5	0.598	0.057	0.0071
600 minute winter	FC1	2.000	J1	0.4	0.324	0.064	0.0064
600 minute winter	FC2	3.000	J2	0.4	0.213	0.067	0.0094
600 minute winter	FC3	4.000	J3	0.6	0.515	0.101	0.0116
600 minute winter	FC4	5.000	J4	0.3	0.466	0.040	0.0047

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC5	345	188.174	0.174	0.4	0.2318	0.0000	SURCHARGED
600 minute winter	FC6	360	187.951	0.101	0.3	0.1305	0.0000	SURCHARGED
600 minute winter	FC7	360	187.852	0.102	0.3	0.1322	0.0000	SURCHARGED
600 minute winter	FC8	345	187.920	0.170	0.4	0.2266	0.0000	SURCHARGED
600 minute winter	FC9	360	187.574	0.104	0.3	0.1338	0.0000	SURCHARGED
600 minute winter	FC10	330	187.823	0.353	0.6	0.4985	0.0000	SURCHARGED
600 minute winter	FC11	330	187.491	0.171	0.4	0.2245	0.0000	SURCHARGED
600 minute winter	FC12	330	187.401	0.171	0.4	0.2245	0.0000	SURCHARGED
600 minute winter	FC13	345	187.174	0.174	0.4	0.2315	0.0000	SURCHARGED
600 minute winter	FC14	360	187.009	0.109	0.4	1.3912	0.0000	SURCHARGED
600 minute winter	FC15	360	187.299	0.099	0.3	0.1280	0.0000	OK
600 minute winter	FC16	360	187.003	0.103	0.3	0.1330	0.0000	SURCHARGED
600 minute winter	FC17	360	187.099	0.099	0.3	0.1280	0.0000	OK
600 minute winter	FC18	360	186.654	0.104	0.3	0.1339	0.0000	SURCHARGED
600 minute winter	FC19	345	186.574	0.174	0.4	0.2316	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC5	6.000	J5	0.4	0.422	0.067	0.0039
600 minute winter	FC6	7.000	J6	0.3	0.512	0.035	0.0043
600 minute winter	FC7	8.000	J7	0.3	0.445	0.042	0.0049
600 minute winter	FC8	9.000	J8	0.4	0.598	0.041	0.0028
600 minute winter	FC9	10.000	J9	0.3	0.393	0.050	0.0055
600 minute winter	FC10	11.000	J10	0.6	0.513	0.088	0.0071
600 minute winter	FC11	12.000	J11	0.4	0.424	0.067	0.0072
600 minute winter	FC12	13.000	S2	0.4	0.424	0.067	0.0064
600 minute winter	FC13	14.000	J12	0.4	0.426	0.067	0.0064
600 minute winter	FC14	15.000	J13	0.3	0.396	0.052	0.0059
600 minute winter	FC15	16.000	J14	0.3	0.828	0.017	0.0017
600 minute winter	FC16	17.000	J15	0.3	0.417	0.046	0.0055
600 minute winter	FC17	18.000	J16	0.3	0.659	0.024	0.0022
600 minute winter	FC18	19.000	J17	0.3	0.391	0.051	0.0054
600 minute winter	FC19	20.000	S3	0.4	0.424	0.068	0.0062

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC20	345	187.117	0.167	0.4	0.2226	0.0000	SURCHARGED
600 minute winter	FC21	345	186.474	0.174	0.4	0.2316	0.0000	SURCHARGED
600 minute winter	FC22	360	186.533	0.083	0.3	0.8055	0.0000	OK
600 minute winter	FC23	360	186.403	0.103	0.3	0.1334	0.0000	SURCHARGED
600 minute winter	FC24	345	186.472	0.172	0.4	0.2292	0.0000	SURCHARGED
600 minute winter	FC25	345	186.717	0.167	0.4	0.2227	0.0000	SURCHARGED
600 minute winter	FC26	360	186.532	0.082	0.3	0.8289	0.0000	OK
600 minute winter	FC27	360	186.599	0.099	0.3	0.1280	0.0000	OK
600 minute winter	FC28	345	186.667	0.167	0.4	0.2226	0.0000	SURCHARGED
600 minute winter	FC29	315	186.724	0.224	0.5	0.3031	0.0000	SURCHARGED
600 minute winter	FC30	345	186.918	0.168	0.4	0.2233	0.0000	SURCHARGED
600 minute winter	FC31	360	186.551	0.101	0.3	0.1300	0.0000	SURCHARGED
600 minute winter	FC32	360	186.549	0.099	0.3	0.1280	0.0000	OK
600 minute winter	FC33	345	186.618	0.168	0.4	0.2235	0.0000	SURCHARGED
600 minute winter	FC34	345	186.624	0.174	0.4	0.2312	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC20	21.000	J18	0.4	0.851	0.025	0.0020
600 minute winter	FC21	22.000	J19	0.4	0.425	0.068	0.0418
600 minute winter	FC22	23.000	S17	0.3	0.540	0.014	0.0194
600 minute winter	FC23	24.000	J20	0.3	0.408	0.048	0.0244
600 minute winter	FC24	25.000	J21	0.4	0.496	0.054	0.0254
600 minute winter	FC25	26.000	J22	0.4	0.844	0.025	0.0189
600 minute winter	FC26	27.000	J23	0.3	0.664	0.020	0.0185
600 minute winter	FC27	28.000	J24	0.3	0.855	0.016	0.0181
600 minute winter	FC28	29.000	J25	0.4	0.849	0.025	0.0174
600 minute winter	FC29	30.000	J26	0.5	0.863	0.030	0.0189
600 minute winter	FC30	31.000	J27	0.4	0.793	0.027	0.0022
600 minute winter	FC31	33.000	J28	0.3	0.251	0.033	0.0059
600 minute winter	FC32	34.000	J29	0.3	0.223	0.024	0.0065
600 minute winter	FC33	35.000	S12	0.4	0.779	0.028	0.0021
600 minute winter	FC34	36.000	J30	0.4	0.436	0.065	0.0044

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC35	345	186.618	0.168	0.4	0.2234	0.0000	SURCHARGED
600 minute winter	FC36	315	186.674	0.224	0.5	0.3029	0.0000	SURCHARGED
600 minute winter	FC37	345	186.059	0.259	0.5	0.3598	0.0000	SURCHARGED
600 minute winter	FC38	360	185.528	0.078	0.3	0.9374	0.0000	OK
600 minute winter	FC39	360	185.549	0.099	0.3	0.1280	0.0000	OK
600 minute winter	FC40	345	185.667	0.167	0.4	0.2224	0.0000	SURCHARGED
600 minute winter	FC41	345	185.020	0.170	0.4	0.2259	0.0000	SURCHARGED
600 minute winter	FC42	345	184.771	0.171	0.4	0.2277	0.0000	SURCHARGED
600 minute winter	FC43	345	184.770	0.170	0.4	0.2257	0.0000	SURCHARGED
600 minute winter	FC44	270	184.612	0.012	0.3	0.0149	0.0000	OK
600 minute winter	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
600 minute winter	FC46	330	185.054	0.354	0.6	0.4996	0.0000	SURCHARGED
600 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute winter	FC48	345	184.968	0.168	0.4	0.2233	0.0000	SURCHARGED
600 minute winter	FC49	345	184.974	0.174	0.4	0.2318	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC35	37.000	J31	0.4	0.784	0.028	0.0026
600 minute winter	FC36	38.000	J32	0.5	0.880	0.029	0.0026
600 minute winter	FC37	39.000	J33	0.5	0.601	0.056	0.0054
600 minute winter	FC38	40.000	J34	0.3	0.632	0.021	0.0019
600 minute winter	FC39	41.000	J35	0.3	0.727	0.021	0.0018
600 minute winter	FC40	42.000	J36	0.4	0.965	0.021	0.0021
600 minute winter	FC41	43.000	J37	0.4	0.633	0.038	0.0032
600 minute winter	FC42	44.000	J38	0.4	0.552	0.046	0.0036
600 minute winter	FC43	45.000	J39	0.4	0.645	0.037	0.0027
600 minute winter	FC44	46.000	J40	0.3	0.609	0.027	0.0022
600 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
600 minute winter	FC46	48.000	S20	0.6	0.418	0.098	0.0084
600 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0040
600 minute winter	FC48	50.000	J42	0.4	0.335	0.029	0.0063
600 minute winter	FC49	51.000	S21	0.4	0.423	0.067	0.0041

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC50	345	184.974	0.174	0.4	0.2317	0.0000	SURCHARGED
600 minute winter	FC51	345	185.024	0.174	0.4	0.2316	0.0000	SURCHARGED
600 minute winter	FC52	330	185.501	0.251	0.5	0.3439	0.0000	SURCHARGED
600 minute winter	FC53	345	185.421	0.171	0.4	0.2270	0.0000	SURCHARGED
600 minute winter	FC54	360	185.350	0.100	0.3	0.1290	0.0000	OK
600 minute winter	FC55	360	185.349	0.099	0.3	0.1280	0.0000	OK
600 minute winter	FC56	345	185.517	0.167	0.4	0.2228	0.0000	SURCHARGED
600 minute winter	FC57	345	185.518	0.168	0.4	0.2234	0.0000	SURCHARGED
600 minute winter	FC58	360	185.449	0.099	0.3	0.1280	0.0000	OK
600 minute winter	FC59	360	185.449	0.099	0.3	0.1281	0.0000	OK
600 minute winter	FC60	345	185.519	0.169	0.4	0.2248	0.0000	SURCHARGED
600 minute winter	FC61	345	185.471	0.171	0.4	0.2275	0.0000	SURCHARGED
600 minute winter	FC62	330	185.602	0.352	0.6	0.5034	0.0000	SURCHARGED
600 minute winter	FC63	360	185.504	0.104	0.3	0.1344	0.0000	SURCHARGED
600 minute winter	FC64	345	185.174	0.174	0.4	0.2312	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC50	52.000	J43	0.4	0.423	0.067	0.0044
600 minute winter	FC51	55.000	S22	0.4	0.424	0.068	0.0058
600 minute winter	FC52	58.000	S23	0.5	0.654	0.049	0.0041
600 minute winter	FC53	61.000	J50	0.4	0.580	0.043	0.0029
600 minute winter	FC54	62.000	J51	0.3	0.590	0.028	0.0020
600 minute winter	FC55	64.000	J53	0.3	0.743	0.020	0.0017
600 minute winter	FC56	53.000	J44	0.4	0.833	0.026	0.0032
600 minute winter	FC57	54.000	J45	0.4	0.782	0.028	0.0033
600 minute winter	FC58	56.000	J46	0.3	0.691	0.022	0.0027
600 minute winter	FC59	57.000	J47	0.3	0.641	0.025	0.0030
600 minute winter	FC60	59.000	J48	0.4	0.691	0.034	0.0038
600 minute winter	FC61	60.000	J49	0.4	0.555	0.046	0.0053
600 minute winter	FC62	63.000	J52	0.6	0.570	0.076	0.0096
600 minute winter	FC63	65.000	S26	0.3	0.394	0.051	0.0020
600 minute winter	FC64	66.000	J54	0.4	0.314	0.068	0.0030

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC65	345	185.317	0.167	0.4	0.2224	0.0000	SURCHARGED
600 minute winter	FC66	345	185.173	0.173	0.4	0.2301	0.0000	SURCHARGED
600 minute winter	FC67	360	184.884	0.084	0.3	0.8673	0.0000	OK
600 minute winter	FC68	360	184.651	0.101	0.3	0.1306	0.0000	SURCHARGED
600 minute winter	J1	315	188.228	0.028	1.4	0.0376	0.0000	OK
600 minute winter	J2	315	188.149	0.043	1.8	0.0486	0.0000	OK
600 minute winter	J3	315	188.090	0.044	2.4	0.0495	0.0000	OK
600 minute winter	J4	315	188.066	0.031	2.7	0.0351	0.0000	OK
600 minute winter	J5	315	187.939	0.029	3.1	0.0328	0.0000	OK
600 minute winter	J6	315	187.691	0.041	3.4	0.0468	0.0000	OK
600 minute winter	J7	315	187.654	0.054	3.7	0.0609	0.0000	OK
600 minute winter	J8	315	187.632	0.039	4.1	0.0442	0.0000	OK
600 minute winter	J9	315	187.329	0.054	4.4	0.0614	0.0000	OK
600 minute winter	J10	315	187.302	0.032	5.0	0.0358	0.0000	OK
600 minute winter	J11	315	187.167	0.046	5.4	0.0519	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC65	67.000	J55	0.4	0.336	0.021	0.0029
600 minute winter	FC66	68.000	S24	0.4	0.476	0.055	0.0018
600 minute winter	FC67	69.000	J56	0.3	0.369	0.045	0.0015
600 minute winter	FC68	70.000	J57	0.3	0.515	0.033	0.0013
600 minute winter	J1	1.001	J2	1.4	0.562	0.168	0.0125
600 minute winter	J2	1.002	J3	1.8	0.606	0.302	0.0031
600 minute winter	J3	1.003	J4	2.4	0.707	0.182	0.0067
600 minute winter	J4	1.004	J5	2.7	1.087	0.081	0.0089
600 minute winter	J5	1.005	J6	3.1	0.992	0.081	0.0180
600 minute winter	J6	1.006	J7	3.4	0.711	0.120	0.0095
600 minute winter	J7	1.007	J8	3.7	0.801	0.267	0.0053
600 minute winter	J8	1.008	J9	4.1	1.164	0.136	0.0299
600 minute winter	J9	1.009	J10	4.4	0.834	0.132	0.0064
600 minute winter	J10	1.010	J11	5.0	1.097	0.039	0.0112
600 minute winter	J11	1.011	S2	5.4	0.615	0.083	0.0475

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J12	315	186.859	0.050	7.0	0.0570	0.0000	OK
600 minute winter	J13	315	186.792	0.090	7.3	0.1022	0.0000	OK
600 minute winter	J14	315	186.781	0.086	7.6	0.0975	0.0000	OK
600 minute winter	J15	315	186.766	0.078	7.9	0.0881	0.0000	OK
600 minute winter	J16	315	186.733	0.063	8.2	0.0716	0.0000	OK
600 minute winter	J17	315	186.399	0.041	8.5	0.0464	0.0000	OK
600 minute winter	J18	585	186.343	0.149	10.1	0.1683	0.0000	OK
600 minute winter	J19	600	186.343	0.316	10.2	0.3568	0.0000	SURCHARGED
600 minute winter	J20	585	186.342	0.411	0.6	0.4646	0.0000	SURCHARGED
600 minute winter	J21	585	186.342	0.447	1.0	0.5052	0.0000	SURCHARGED
600 minute winter	J22	585	186.342	0.524	1.4	0.5921	0.0000	SURCHARGED
600 minute winter	J23	585	186.342	0.559	1.6	0.6317	0.0000	SURCHARGED
600 minute winter	J24	600	186.342	0.692	2.6	0.7824	0.0000	SURCHARGED
600 minute winter	J25	600	186.341	0.726	3.0	0.8215	0.0000	SURCHARGED
600 minute winter	J26	585	186.341	0.754	4.0	0.8530	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J12	1.013	J13	7.0	0.666	0.105	0.0696
600 minute winter	J13	1.014	J14	7.3	0.508	0.233	0.0274
600 minute winter	J14	1.015	J15	7.6	0.583	0.244	0.0251
600 minute winter	J15	1.016	J16	7.9	0.745	0.259	0.0547
600 minute winter	J16	1.017	J17	8.2	0.979	0.136	0.0282
600 minute winter	J17	1.018	S3	8.5	0.978	0.059	0.0235
600 minute winter	J18	1.020	J19	9.8	1.634	0.075	0.0503
600 minute winter	J19	1.021	S4	10.2	0.650	0.185	0.3096
600 minute winter	J20	23.002	J21	0.6	0.383	0.095	0.0295
600 minute winter	J21	23.003	J22	1.0	0.461	0.161	0.0627
600 minute winter	J22	23.004	J23	1.3	0.550	0.225	0.0281
600 minute winter	J23	23.005	S18	1.6	0.621	0.268	0.0587
600 minute winter	J24	23.007	J25	2.6	0.501	0.194	0.1088
600 minute winter	J25	23.008	J26	3.2	0.510	0.239	0.0874
600 minute winter	J26	23.009	S19	3.3	0.587	0.248	0.0652

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J27	600	186.343	0.882	7.1	0.9975	0.0000	SURCHARGED
600 minute winter	J28	330	186.388	0.032	1.3	0.0366	0.0000	OK
600 minute winter	J29	330	186.309	0.038	1.6	0.0424	0.0000	OK
600 minute winter	J30	330	186.193	0.046	2.4	0.0525	0.0000	OK
600 minute winter	J31	330	186.167	0.048	2.8	0.0547	0.0000	OK
600 minute winter	J32	330	186.116	0.052	3.2	0.0587	0.0000	OK
600 minute winter	J33	330	185.646	0.036	4.4	0.0406	0.0000	OK
600 minute winter	J34	315	185.186	0.060	5.7	0.0684	0.0000	OK
600 minute winter	J35	315	185.114	0.039	6.0	0.0446	0.0000	OK
600 minute winter	J36	315	184.941	0.066	6.4	0.0751	0.0000	OK
600 minute winter	J37	315	184.646	0.071	7.4	0.0807	0.0000	OK
600 minute winter	J38	315	184.460	0.085	8.1	0.0956	0.0000	OK
600 minute winter	J39	315	184.422	0.084	8.5	0.0954	0.0000	OK
600 minute winter	J40	315	184.398	0.073	8.8	0.0823	0.0000	OK
600 minute winter	J41	330	184.622	0.025	0.8	0.0282	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J27	23.011	S4	-4.3	0.524	-0.144	0.0951
600 minute winter	J28	32.001	J29	1.3	0.534	0.219	0.0215
600 minute winter	J29	32.002	S12	1.6	0.620	0.270	0.0120
600 minute winter	J30	32.004	J31	2.4	0.502	0.181	0.0237
600 minute winter	J31	32.005	J32	2.8	0.542	0.210	0.0502
600 minute winter	J32	32.006	S13	3.2	0.752	0.244	0.0230
600 minute winter	J33	32.008	S14	4.4	0.891	0.125	0.0462
600 minute winter	J34	32.010	J35	5.7	0.869	0.147	0.0596
600 minute winter	J35	32.011	J36	6.0	0.842	0.067	0.0495
600 minute winter	J36	32.012	S15	6.6	0.906	0.221	0.0176
600 minute winter	J37	32.014	S16	7.4	1.015	0.242	0.0386
600 minute winter	J38	32.016	J39	8.1	0.593	0.267	0.1471
600 minute winter	J39	32.017	J40	8.5	0.685	0.274	0.0451
600 minute winter	J40	32.018	S10	8.7	0.824	0.203	0.1017
600 minute winter	J41	48.002	J42	0.8	0.445	0.132	0.0109

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J42	345	184.568	0.030	1.2	0.0345	0.0000	OK
600 minute winter	J43	330	184.407	0.047	2.2	0.0528	0.0000	OK
600 minute winter	J44	330	184.395	0.045	2.6	0.0508	0.0000	OK
600 minute winter	J45	330	184.359	0.059	3.0	0.0664	0.0000	OK
600 minute winter	J46	330	184.335	0.063	4.0	0.0713	0.0000	OK
600 minute winter	J47	600	184.326	0.078	4.3	0.0884	0.0000	OK
600 minute winter	J48	615	184.321	0.167	5.4	0.1885	0.0000	OK
600 minute winter	J49	600	184.323	0.194	5.8	0.2194	0.0000	OK
600 minute winter	J50	600	184.324	0.199	6.1	0.2252	0.0000	OK
600 minute winter	J51	615	184.322	0.214	6.4	0.2417	0.0000	OK
600 minute winter	J52	600	184.324	0.220	7.0	0.2487	0.0000	OK
600 minute winter	J53	600	184.322	0.235	7.3	0.2653	0.0000	SURCHARGED
600 minute winter	J54	330	185.007	0.028	0.9	0.0315	0.0000	OK
600 minute winter	J55	330	184.977	0.033	1.3	0.0372	0.0000	OK
600 minute winter	J56	615	184.319	0.352	10.6	0.3980	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J42	48.003	S21	1.2	0.490	0.200	0.0200
600 minute winter	J43	48.005	J44	2.2	0.478	0.156	0.0073
600 minute winter	J44	48.006	J45	2.6	0.477	0.193	0.0474
600 minute winter	J45	48.007	S22	3.0	0.441	0.219	0.0160
600 minute winter	J46	48.009	J47	4.0	0.557	0.297	0.0329
600 minute winter	J47	48.010	S23	4.3	0.631	0.320	0.0287
600 minute winter	J48	48.012	J49	5.4	0.434	0.179	0.2528
600 minute winter	J49	48.013	J50	5.8	0.432	0.188	0.0418
600 minute winter	J50	48.014	J51	6.1	0.455	0.206	0.1925
600 minute winter	J51	48.015	J52	6.4	0.476	0.210	0.0444
600 minute winter	J52	48.016	J53	7.0	0.555	0.231	0.1932
600 minute winter	J53	48.017	S24	7.3	0.644	0.243	0.4079
600 minute winter	J54	65.002	J55	0.9	0.448	0.152	0.0073
600 minute winter	J55	65.003	S24	1.3	0.591	0.220	0.0172
600 minute winter	J56	48.019	J57	10.6	0.530	0.195	0.6398

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Results for 100 year 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J57	615	184.322	0.377	10.9	0.4261	0.0000	SURCHARGED
600 minute winter	BASIN 1	585	186.342	1.342	14.6	189.2148	0.0000	SURCHARGED
600 minute winter	BASIN 2	840	184.827	0.527	1.6	52.8299	0.0000	OK
600 minute winter	BASIN 3	615	183.301	0.201	9.7	141.3233	0.0000	OK
600 minute winter	BASIN 4	615	184.314	0.984	10.9	147.8563	0.0000	SURCHARGED
600 minute winter	SWALE 1	585	184.968	0.036	1.6	0.0405	0.0000	OK
600 minute winter	SWALE 2	15	184.450	0.000	0.0	0.0000	0.0000	OK
600 minute winter	SWALE 3	315	184.147	0.077	9.7	0.0868	0.0000	OK
600 minute winter	BH1	840	184.827	0.750	0.6	2.9771	0.0000	OK
600 minute winter	BH2	615	183.301	0.249	1.0	2.8418	0.0000	OK
600 minute winter	BH3	615	184.314	1.008	1.6	6.3074	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J57	48.020	S25	10.9	0.569	0.201	0.5574
600 minute winter	BASIN 1	1.023	S5	2.4	0.074	0.045	0.6013
600 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
600 minute winter	BASIN 2	71.000	BH1	0.6	0.416	0.095	0.1829
600 minute winter	BASIN 3	1.034	BH2	1.0	0.263	0.011	1.8593
600 minute winter	BASIN 4	48.022	BH3	1.6	0.462	0.031	0.7181
600 minute winter	SWALE 1	1.025	S6	1.6	0.341	0.031	0.1798
600 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
600 minute winter	SWALE 3	1.033	BASIN 3	9.7	0.703	0.140	0.5986
600 minute winter	BH1	Infiltration		0.1			
600 minute winter	BH2	Infiltration		0.2			
600 minute winter	BH3	Infiltration		0.2			

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S1	360	188.386	0.016	0.5	0.0220	0.0000	OK
720 minute summer	S2	375	187.120	0.081	7.4	0.1190	0.0000	OK
720 minute summer	S3	375	186.298	0.086	10.6	0.1124	0.0000	OK
720 minute summer	S4	645	186.201	0.823	16.4	0.9778	0.0000	SURCHARGED
720 minute summer	S5	645	186.201	1.221	1.5	1.3810	0.0000	SURCHARGED
720 minute summer	S6	645	184.879	0.035	1.5	0.0399	0.0000	OK
720 minute summer	S7	960	184.787	0.008	0.2	0.0094	0.0000	OK
720 minute summer	S8	960	184.397	0.007	0.1	0.0080	0.0000	OK
720 minute summer	S9	375	184.240	0.040	0.1	0.0452	0.0000	OK
720 minute summer	S10	375	184.240	0.056	11.3	0.0854	0.0000	OK
720 minute summer	S11	375	186.432	0.032	1.2	0.0524	0.0000	OK
720 minute summer	S12	375	186.222	0.046	2.4	0.0525	0.0000	OK
720 minute summer	S13	375	186.073	0.039	4.6	0.0560	0.0000	OK
720 minute summer	S14	375	185.318	0.068	6.2	0.1063	0.0000	OK
720 minute summer	S15	375	184.912	0.045	8.2	0.0622	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	S1	1.000	J1	0.5	0.399	0.057	0.0109
720 minute summer	S2	1.012	J12	7.4	0.633	0.247	0.0174
720 minute summer	S3	1.019	J18	10.6	0.984	0.347	0.0559
720 minute summer	S4	1.022	BASIN 1	16.3	0.864	0.097	1.1778
720 minute summer	S5	1.024	SWALE 1	1.5	0.336	0.029	0.0929
720 minute summer	S6	1.026	BASIN 2	1.5	0.383	0.028	0.0231
720 minute summer	S7	1.028	SWALE 2	0.2	0.246	0.001	0.0138
720 minute summer	S8	1.030	S9	0.1	0.245	0.001	0.0333
720 minute summer	S9	1.031	S10	0.1	0.228	0.001	0.0488
720 minute summer	S10	1.032	SWALE 3	11.3	0.919	0.063	0.0542
720 minute summer	S11	32.000	J28	1.2	0.516	0.202	0.0107
720 minute summer	S12	32.003	J30	2.4	0.483	0.180	0.0253
720 minute summer	S13	32.007	J33	4.6	1.265	0.142	0.0471
720 minute summer	S14	32.009	J34	6.2	0.853	0.358	0.0382
720 minute summer	S15	32.013	J37	8.0	0.930	0.086	0.0811

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S16	375	184.597	0.040	8.8	0.0500	0.0000	OK
720 minute summer	S17	645	186.201	0.201	0.3	0.2275	0.0000	SURCHARGED
720 minute summer	S18	645	186.201	0.540	2.8	0.7632	0.0000	SURCHARGED
720 minute summer	S19	660	186.202	0.711	4.7	0.9734	0.0000	SURCHARGED
720 minute summer	S20	390	184.668	0.026	0.8	0.0320	0.0000	OK
720 minute summer	S21	390	184.501	0.042	1.9	0.0494	0.0000	OK
720 minute summer	S22	375	184.355	0.069	4.1	0.0838	0.0000	OK
720 minute summer	S23	375	184.240	0.082	5.6	0.0973	0.0000	OK
720 minute summer	S24	735	184.229	0.251	11.8	0.3651	0.0000	OK
720 minute summer	S25	750	184.229	0.303	12.4	0.3432	0.0000	SURCHARGED
720 minute summer	S26	375	185.395	0.018	0.6	0.0214	0.0000	OK
720 minute summer	FC1	375	188.473	0.223	0.5	0.2966	0.0000	SURCHARGED
720 minute summer	FC2	375	188.373	0.223	0.5	0.2971	0.0000	SURCHARGED
720 minute summer	FC3	390	188.712	0.512	0.8	0.7433	0.0000	SURCHARGED
720 minute summer	FC4	375	188.353	0.153	0.4	0.1976	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	S16	32.015	J38	8.8	0.919	0.060	0.0229
720 minute summer	S17	23.001	J20	0.3	0.281	0.047	0.0560
720 minute summer	S18	23.006	J24	2.7	0.483	0.196	0.0323
720 minute summer	S19	23.010	J27	4.5	0.455	0.150	0.3541
720 minute summer	S20	48.001	J41	0.8	0.515	0.140	0.0075
720 minute summer	S21	48.004	J43	1.9	0.651	0.327	0.0152
720 minute summer	S22	48.008	J46	4.1	0.529	0.308	0.0190
720 minute summer	S23	48.011	J48	5.6	0.439	0.182	0.0143
720 minute summer	S24	48.018	J56	11.8	0.521	0.221	0.2720
720 minute summer	S25	48.021	BASIN 4	12.4	0.687	0.225	0.2248
720 minute summer	S26	65.001	J54	0.6	0.623	0.066	0.0079
720 minute summer	FC1	2.000	J1	0.5	0.327	0.074	0.0067
720 minute summer	FC2	3.000	J2	0.5	0.214	0.077	0.0100
720 minute summer	FC3	4.000	J3	0.7	0.530	0.111	0.0125
720 minute summer	FC4	5.000	J4	0.4	0.497	0.049	0.0055

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC5	375	188.224	0.224	0.5	0.2978	0.0000	SURCHARGED
720 minute summer	FC6	375	188.002	0.152	0.4	0.1965	0.0000	SURCHARGED
720 minute summer	FC7	375	187.904	0.154	0.4	0.1982	0.0000	SURCHARGED
720 minute summer	FC8	375	187.970	0.220	0.5	0.2927	0.0000	SURCHARGED
720 minute summer	FC9	375	187.625	0.155	0.4	0.2000	0.0000	SURCHARGED
720 minute summer	FC10	390	187.880	0.410	0.7	0.5780	0.0000	SURCHARGED
720 minute summer	FC11	390	187.491	0.171	0.4	0.2243	0.0000	SURCHARGED
720 minute summer	FC12	390	187.401	0.171	0.4	0.2243	0.0000	SURCHARGED
720 minute summer	FC13	375	187.224	0.224	0.5	0.2975	0.0000	SURCHARGED
720 minute summer	FC14	405	187.004	0.104	0.5	1.3330	0.0000	SURCHARGED
720 minute summer	FC15	375	187.350	0.150	0.4	0.1930	0.0000	SURCHARGED
720 minute summer	FC16	375	187.054	0.154	0.4	0.1991	0.0000	SURCHARGED
720 minute summer	FC17	375	187.150	0.150	0.4	0.1939	0.0000	SURCHARGED
720 minute summer	FC18	375	186.705	0.155	0.4	0.2000	0.0000	SURCHARGED
720 minute summer	FC19	375	186.624	0.224	0.5	0.2976	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC5	6.000	J5	0.5	0.439	0.077	0.0043
720 minute summer	FC6	7.000	J6	0.4	0.546	0.043	0.0050
720 minute summer	FC7	8.000	J7	0.4	0.475	0.053	0.0057
720 minute summer	FC8	9.000	J8	0.5	0.622	0.047	0.0031
720 minute summer	FC9	10.000	J9	0.4	0.419	0.063	0.0064
720 minute summer	FC10	11.000	J10	0.6	0.524	0.095	0.0075
720 minute summer	FC11	12.000	J11	0.4	0.424	0.067	0.0072
720 minute summer	FC12	13.000	S2	0.4	0.424	0.067	0.0064
720 minute summer	FC13	14.000	J12	0.5	0.443	0.077	0.0070
720 minute summer	FC14	15.000	J13	0.3	0.393	0.051	0.0058
720 minute summer	FC15	16.000	J14	0.4	0.884	0.022	0.0020
720 minute summer	FC16	17.000	J15	0.4	0.445	0.058	0.0064
720 minute summer	FC17	18.000	J16	0.4	0.703	0.030	0.0026
720 minute summer	FC18	19.000	J17	0.4	0.417	0.063	0.0063
720 minute summer	FC19	20.000	S3	0.5	0.440	0.077	0.0068

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC20	375	187.167	0.217	0.5	0.2891	0.0000	SURCHARGED
720 minute summer	FC21	375	186.524	0.224	0.5	0.2975	0.0000	SURCHARGED
720 minute summer	FC22	405	186.537	0.087	0.4	0.8454	0.0000	OK
720 minute summer	FC23	375	186.455	0.155	0.4	0.1995	0.0000	SURCHARGED
720 minute summer	FC24	375	186.522	0.222	0.5	0.2952	0.0000	SURCHARGED
720 minute summer	FC25	375	186.767	0.217	0.5	0.2891	0.0000	SURCHARGED
720 minute summer	FC26	405	186.536	0.086	0.4	0.8666	0.0000	OK
720 minute summer	FC27	375	186.650	0.150	0.4	0.1930	0.0000	SURCHARGED
720 minute summer	FC28	375	186.717	0.217	0.5	0.2891	0.0000	SURCHARGED
720 minute summer	FC29	390	186.747	0.247	0.5	0.3336	0.0000	SURCHARGED
720 minute summer	FC30	375	186.968	0.218	0.5	0.2896	0.0000	SURCHARGED
720 minute summer	FC31	375	186.602	0.152	0.4	0.1959	0.0000	SURCHARGED
720 minute summer	FC32	375	186.600	0.150	0.4	0.1936	0.0000	SURCHARGED
720 minute summer	FC33	375	186.668	0.218	0.5	0.2898	0.0000	SURCHARGED
720 minute summer	FC34	375	186.673	0.223	0.5	0.2972	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC20	21.000	J18	0.5	0.885	0.028	0.0022
720 minute summer	FC21	22.000	J19	0.5	0.441	0.077	0.0079
720 minute summer	FC22	23.000	S17	0.3	0.547	0.015	0.0192
720 minute summer	FC23	24.000	J20	0.4	0.434	0.059	0.0040
720 minute summer	FC24	25.000	J21	0.5	0.515	0.061	0.0041
720 minute summer	FC25	26.000	J22	0.5	0.878	0.029	0.0025
720 minute summer	FC26	27.000	J23	0.3	0.669	0.021	0.0019
720 minute summer	FC27	28.000	J24	0.4	0.912	0.021	0.0176
720 minute summer	FC28	29.000	J25	0.5	0.883	0.029	0.0023
720 minute summer	FC29	30.000	J26	0.5	0.877	0.032	0.0026
720 minute summer	FC30	31.000	J27	0.5	0.825	0.031	0.0024
720 minute summer	FC31	33.000	J28	0.4	0.261	0.042	0.0068
720 minute summer	FC32	34.000	J29	0.4	0.230	0.030	0.0076
720 minute summer	FC33	35.000	S12	0.5	0.811	0.032	0.0023
720 minute summer	FC34	36.000	J30	0.5	0.453	0.074	0.0048

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC35	375	186.668	0.218	0.5	0.2897	0.0000	SURCHARGED
720 minute summer	FC36	390	186.697	0.247	0.5	0.3333	0.0000	SURCHARGED
720 minute summer	FC37	390	186.105	0.305	0.6	0.4247	0.0000	SURCHARGED
720 minute summer	FC38	405	185.530	0.080	0.4	0.9629	0.0000	OK
720 minute summer	FC39	375	185.600	0.150	0.4	0.1932	0.0000	SURCHARGED
720 minute summer	FC40	375	185.717	0.217	0.5	0.2886	0.0000	SURCHARGED
720 minute summer	FC41	375	185.069	0.219	0.5	0.2919	0.0000	SURCHARGED
720 minute summer	FC42	375	184.821	0.221	0.5	0.2937	0.0000	SURCHARGED
720 minute summer	FC43	375	184.819	0.219	0.5	0.2917	0.0000	SURCHARGED
720 minute summer	FC44	375	184.613	0.013	0.4	0.0171	0.0000	OK
720 minute summer	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
720 minute summer	FC46	390	185.110	0.410	0.7	0.5791	0.0000	SURCHARGED
720 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute summer	FC48	375	185.018	0.218	0.5	0.2896	0.0000	SURCHARGED
720 minute summer	FC49	375	185.024	0.224	0.5	0.2978	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC35	37.000	J31	0.5	0.816	0.032	0.0029
720 minute summer	FC36	38.000	J32	0.5	0.894	0.031	0.0027
720 minute summer	FC37	39.000	J33	0.5	0.616	0.061	0.0058
720 minute summer	FC38	40.000	J34	0.3	0.635	0.021	0.0020
720 minute summer	FC39	41.000	J35	0.4	0.776	0.026	0.0021
720 minute summer	FC40	42.000	J36	0.5	1.005	0.024	0.0023
720 minute summer	FC41	43.000	J37	0.5	0.658	0.044	0.0035
720 minute summer	FC42	44.000	J38	0.5	0.574	0.053	0.0039
720 minute summer	FC43	45.000	J39	0.5	0.670	0.042	0.0030
720 minute summer	FC44	46.000	J40	0.4	0.664	0.036	0.0026
720 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
720 minute summer	FC46	48.000	S20	0.6	0.430	0.106	0.0088
720 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0042
720 minute summer	FC48	50.000	J42	0.5	0.359	0.033	0.0067
720 minute summer	FC49	51.000	S21	0.5	0.439	0.077	0.0045

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC50	375	185.024	0.224	0.5	0.2977	0.0000	SURCHARGED
720 minute summer	FC51	375	185.074	0.224	0.5	0.2976	0.0000	SURCHARGED
720 minute summer	FC52	390	185.553	0.303	0.6	0.4160	0.0000	SURCHARGED
720 minute summer	FC53	375	185.470	0.220	0.5	0.2931	0.0000	SURCHARGED
720 minute summer	FC54	375	185.401	0.151	0.4	0.1949	0.0000	SURCHARGED
720 minute summer	FC55	375	185.400	0.150	0.4	0.1931	0.0000	SURCHARGED
720 minute summer	FC56	375	185.567	0.217	0.5	0.2892	0.0000	SURCHARGED
720 minute summer	FC57	375	185.568	0.218	0.5	0.2897	0.0000	SURCHARGED
720 minute summer	FC58	375	185.500	0.150	0.4	0.1935	0.0000	SURCHARGED
720 minute summer	FC59	375	185.500	0.150	0.4	0.1941	0.0000	SURCHARGED
720 minute summer	FC60	375	185.569	0.219	0.5	0.2909	0.0000	SURCHARGED
720 minute summer	FC61	375	185.521	0.221	0.5	0.2936	0.0000	SURCHARGED
720 minute summer	FC62	390	185.657	0.407	0.7	0.5825	0.0000	SURCHARGED
720 minute summer	FC63	375	185.555	0.155	0.4	0.2006	0.0000	SURCHARGED
720 minute summer	FC64	375	185.223	0.223	0.5	0.2971	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC50	52.000	J43	0.5	0.439	0.077	0.0049
720 minute summer	FC51	55.000	S22	0.5	0.441	0.077	0.0064
720 minute summer	FC52	58.000	S23	0.5	0.673	0.054	0.0044
720 minute summer	FC53	61.000	J50	0.5	0.603	0.049	0.0032
720 minute summer	FC54	62.000	J51	0.4	0.631	0.035	0.0024
720 minute summer	FC55	64.000	J53	0.4	0.794	0.025	0.0020
720 minute summer	FC56	53.000	J44	0.5	0.867	0.030	0.0035
720 minute summer	FC57	54.000	J45	0.5	0.814	0.032	0.0036
720 minute summer	FC58	56.000	J46	0.4	0.738	0.028	0.0032
720 minute summer	FC59	57.000	J47	0.4	0.685	0.031	0.0035
720 minute summer	FC60	59.000	J48	0.5	0.719	0.039	0.0042
720 minute summer	FC61	60.000	J49	0.5	0.577	0.053	0.0058
720 minute summer	FC62	63.000	J52	0.6	0.583	0.082	0.0101
720 minute summer	FC63	65.000	S26	0.4	0.402	0.063	0.0023
720 minute summer	FC64	66.000	J54	0.5	0.309	0.077	0.0033

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC65	375	185.367	0.217	0.5	0.2886	0.0000	SURCHARGED
720 minute summer	FC66	375	185.223	0.222	0.5	0.2961	0.0000	SURCHARGED
720 minute summer	FC67	405	184.887	0.087	0.4	0.8986	0.0000	OK
720 minute summer	FC68	375	184.702	0.152	0.4	0.1966	0.0000	SURCHARGED
720 minute summer	J1	375	188.229	0.029	1.5	0.0385	0.0000	OK
720 minute summer	J2	375	188.151	0.045	1.9	0.0505	0.0000	OK
720 minute summer	J3	390	188.092	0.046	2.6	0.0515	0.0000	OK
720 minute summer	J4	390	188.068	0.033	3.0	0.0368	0.0000	OK
720 minute summer	J5	390	187.940	0.030	3.4	0.0344	0.0000	OK
720 minute summer	J6	375	187.694	0.044	3.8	0.0501	0.0000	OK
720 minute summer	J7	375	187.657	0.057	4.2	0.0647	0.0000	OK
720 minute summer	J8	375	187.635	0.042	4.6	0.0470	0.0000	OK
720 minute summer	J9	375	187.333	0.058	5.0	0.0659	0.0000	OK
720 minute summer	J10	375	187.304	0.034	5.6	0.0382	0.0000	OK
720 minute summer	J11	390	187.170	0.049	6.0	0.0555	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC65	67.000	J55	0.5	0.334	0.025	0.0032
720 minute summer	FC66	68.000	S24	0.5	0.494	0.063	0.0020
720 minute summer	FC67	69.000	J56	0.3	0.372	0.046	0.0015
720 minute summer	FC68	70.000	J57	0.4	0.548	0.042	0.0016
720 minute summer	J1	1.001	J2	1.5	0.563	0.175	0.0131
720 minute summer	J2	1.002	J3	1.9	0.616	0.323	0.0032
720 minute summer	J3	1.003	J4	2.6	0.718	0.197	0.0071
720 minute summer	J4	1.004	J5	3.0	1.110	0.088	0.0095
720 minute summer	J5	1.005	J6	3.4	1.005	0.089	0.0195
720 minute summer	J6	1.006	J7	3.8	0.724	0.133	0.0103
720 minute summer	J7	1.007	J8	4.2	0.825	0.299	0.0057
720 minute summer	J8	1.008	J9	4.6	1.202	0.153	0.0325
720 minute summer	J9	1.009	J10	5.0	0.857	0.149	0.0071
720 minute summer	J10	1.010	J11	5.6	1.123	0.043	0.0123
720 minute summer	J11	1.011	S2	6.0	0.635	0.093	0.0515

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J12	375	186.862	0.053	7.8	0.0604	0.0000	OK
720 minute summer	J13	375	186.798	0.096	8.1	0.1084	0.0000	OK
720 minute summer	J14	375	186.787	0.091	8.5	0.1034	0.0000	OK
720 minute summer	J15	375	186.771	0.083	8.8	0.0934	0.0000	OK
720 minute summer	J16	375	186.737	0.067	9.2	0.0762	0.0000	OK
720 minute summer	J17	375	186.402	0.044	9.6	0.0501	0.0000	OK
720 minute summer	J18	375	186.250	0.056	11.1	0.0636	0.0000	OK
720 minute summer	J19	645	186.201	0.174	11.5	0.1969	0.0000	OK
720 minute summer	J20	645	186.201	0.270	0.6	0.3055	0.0000	SURCHARGED
720 minute summer	J21	645	186.201	0.306	1.1	0.3462	0.0000	SURCHARGED
720 minute summer	J22	645	186.201	0.383	1.5	0.4333	0.0000	SURCHARGED
720 minute summer	J23	645	186.201	0.418	1.8	0.4729	0.0000	SURCHARGED
720 minute summer	J24	645	186.201	0.551	3.1	0.6233	0.0000	SURCHARGED
720 minute summer	J25	645	186.201	0.586	3.4	0.6629	0.0000	SURCHARGED
720 minute summer	J26	660	186.201	0.614	3.7	0.6949	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J12	1.013	J13	7.8	0.681	0.117	0.0754
720 minute summer	J13	1.014	J14	8.1	0.518	0.258	0.0296
720 minute summer	J14	1.015	J15	8.5	0.598	0.271	0.0271
720 minute summer	J15	1.016	J16	8.8	0.764	0.289	0.0594
720 minute summer	J16	1.017	J17	9.2	1.007	0.153	0.0307
720 minute summer	J17	1.018	S3	9.6	1.004	0.066	0.0184
720 minute summer	J18	1.020	J19	11.1	1.678	0.085	0.0133
720 minute summer	J19	1.021	S4	11.5	0.671	0.209	0.1934
720 minute summer	J20	23.002	J21	0.6	0.394	0.107	0.0295
720 minute summer	J21	23.003	J22	1.1	0.477	0.183	0.0627
720 minute summer	J22	23.004	J23	1.5	0.571	0.258	0.0281
720 minute summer	J23	23.005	S18	1.8	0.645	0.307	0.0587
720 minute summer	J24	23.007	J25	2.9	0.516	0.218	0.1088
720 minute summer	J25	23.008	J26	3.3	0.531	0.248	0.0874
720 minute summer	J26	23.009	S19	3.7	0.616	0.280	0.0652

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J27	645	186.201	0.740	4.9	0.8371	0.0000	SURCHARGED
720 minute summer	J28	375	186.392	0.036	1.6	0.0407	0.0000	OK
720 minute summer	J29	375	186.313	0.042	1.9	0.0475	0.0000	OK
720 minute summer	J30	375	186.198	0.051	2.9	0.0580	0.0000	OK
720 minute summer	J31	375	186.172	0.053	3.3	0.0602	0.0000	OK
720 minute summer	J32	375	186.120	0.056	3.8	0.0635	0.0000	OK
720 minute summer	J33	375	185.649	0.039	5.1	0.0435	0.0000	OK
720 minute summer	J34	375	185.190	0.065	6.5	0.0730	0.0000	OK
720 minute summer	J35	375	185.117	0.042	6.8	0.0475	0.0000	OK
720 minute summer	J36	375	184.947	0.072	7.3	0.0810	0.0000	OK
720 minute summer	J37	375	184.651	0.076	8.4	0.0863	0.0000	OK
720 minute summer	J38	375	184.467	0.092	9.3	0.1038	0.0000	OK
720 minute summer	J39	375	184.429	0.091	9.7	0.1034	0.0000	OK
720 minute summer	J40	375	184.404	0.079	10.1	0.0892	0.0000	OK
720 minute summer	J41	390	184.623	0.026	0.8	0.0291	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J27	23.011	S4	4.7	0.523	0.156	0.0951
720 minute summer	J28	32.001	J29	1.6	0.558	0.266	0.0249
720 minute summer	J29	32.002	S12	1.9	0.652	0.328	0.0139
720 minute summer	J30	32.004	J31	2.9	0.524	0.215	0.0271
720 minute summer	J31	32.005	J32	3.3	0.571	0.249	0.0565
720 minute summer	J32	32.006	S13	3.8	0.786	0.284	0.0257
720 minute summer	J33	32.008	S14	5.1	0.918	0.144	0.0512
720 minute summer	J34	32.010	J35	6.5	0.901	0.167	0.0654
720 minute summer	J35	32.011	J36	6.8	0.870	0.077	0.0548
720 minute summer	J36	32.012	S15	7.5	0.924	0.249	0.0194
720 minute summer	J37	32.014	S16	8.4	1.046	0.277	0.0428
720 minute summer	J38	32.016	J39	9.3	0.612	0.307	0.1640
720 minute summer	J39	32.017	J40	9.7	0.708	0.316	0.0503
720 minute summer	J40	32.018	S10	10.1	0.856	0.235	0.1132
720 minute summer	J41	48.002	J42	0.8	0.448	0.140	0.0116

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J42	390	184.569	0.032	1.3	0.0359	0.0000	OK
720 minute summer	J43	390	184.409	0.049	2.4	0.0558	0.0000	OK
720 minute summer	J44	390	184.397	0.047	2.8	0.0536	0.0000	OK
720 minute summer	J45	375	184.363	0.063	3.3	0.0714	0.0000	OK
720 minute summer	J46	375	184.340	0.068	4.5	0.0771	0.0000	OK
720 minute summer	J47	375	184.318	0.070	4.9	0.0787	0.0000	OK
720 minute summer	J48	375	184.233	0.079	6.1	0.0891	0.0000	OK
720 minute summer	J49	735	184.229	0.100	6.5	0.1133	0.0000	OK
720 minute summer	J50	735	184.228	0.103	7.0	0.1168	0.0000	OK
720 minute summer	J51	720	184.231	0.123	7.3	0.1387	0.0000	OK
720 minute summer	J52	750	184.228	0.124	7.9	0.1399	0.0000	OK
720 minute summer	J53	720	184.229	0.142	8.3	0.1603	0.0000	OK
720 minute summer	J54	375	185.009	0.030	1.0	0.0339	0.0000	OK
720 minute summer	J55	375	184.979	0.035	1.5	0.0401	0.0000	OK
720 minute summer	J56	750	184.229	0.261	12.1	0.2957	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J42	48.003	S21	1.3	0.494	0.218	0.0213
720 minute summer	J43	48.005	J44	2.4	0.487	0.171	0.0079
720 minute summer	J44	48.006	J45	2.8	0.484	0.213	0.0517
720 minute summer	J45	48.007	S22	3.3	0.448	0.243	0.0177
720 minute summer	J46	48.009	J47	4.5	0.571	0.337	0.0332
720 minute summer	J47	48.010	S23	4.9	0.653	0.365	0.0197
720 minute summer	J48	48.012	J49	6.1	0.441	0.202	0.1067
720 minute summer	J49	48.013	J50	6.5	0.441	0.212	0.0198
720 minute summer	J50	48.014	J51	6.9	0.466	0.233	0.1003
720 minute summer	J51	48.015	J52	7.3	0.492	0.239	0.0252
720 minute summer	J52	48.016	J53	7.9	0.571	0.260	0.1195
720 minute summer	J53	48.017	S24	8.3	0.668	0.275	0.3057
720 minute summer	J54	65.002	J55	1.0	0.462	0.174	0.0081
720 minute summer	J55	65.003	S24	1.5	0.613	0.252	0.0190
720 minute summer	J56	48.019	J57	12.1	0.547	0.222	0.6094

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Results for 100 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.88%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J57	735	184.229	0.284	12.4	0.3208	0.0000	OK
720 minute summer	BASIN 1	645	186.201	1.201	16.3	165.1682	0.0000	SURCHARGED
720 minute summer	BASIN 2	960	184.846	0.546	1.5	54.9650	0.0000	OK
720 minute summer	BASIN 3	750	183.280	0.180	11.3	126.6927	0.0000	OK
720 minute summer	BASIN 4	735	184.229	0.899	12.4	133.0129	0.0000	SURCHARGED
720 minute summer	SWALE 1	645	184.967	0.035	1.5	0.0394	0.0000	OK
720 minute summer	SWALE 2	960	184.464	0.014	0.2	0.0156	0.0000	OK
720 minute summer	SWALE 3	375	184.153	0.083	11.3	0.0937	0.0000	OK
720 minute summer	BH1	960	184.846	0.769	0.5	3.0308	0.0000	OK
720 minute summer	BH2	750	183.280	0.228	0.8	2.7402	0.0000	OK
720 minute summer	BH3	735	184.229	0.923	1.3	5.9098	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J57	48.020	S25	12.4	0.591	0.230	0.5514
720 minute summer	BASIN 1	1.023	S5	1.5	0.097	0.029	0.6013
720 minute summer	BASIN 2	1.027	S7	0.2	0.236	0.004	0.0208
720 minute summer	BASIN 2	71.000	BH1	0.5	0.372	0.081	0.1829
720 minute summer	BASIN 3	1.034	BH2	0.8	0.248	0.010	1.6562
720 minute summer	BASIN 4	48.022	BH3	1.3	0.327	0.024	0.7181
720 minute summer	SWALE 1	1.025	S6	1.5	0.335	0.029	0.1730
720 minute summer	SWALE 2	1.029	S8	0.1	0.202	0.003	0.0196
720 minute summer	SWALE 3	1.033	BASIN 3	11.3	0.731	0.163	0.6673
720 minute summer	BH1	Infiltration		0.1			
720 minute summer	BH2	Infiltration		0.2			
720 minute summer	BH3	Infiltration		0.2			

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S1	345	188.385	0.015	0.4	0.0198	0.0000	OK
720 minute winter	S2	375	187.112	0.073	6.0	0.1067	0.0000	OK
720 minute winter	S3	690	186.384	0.171	8.7	0.2229	0.0000	OK
720 minute winter	S4	705	186.381	1.003	13.6	1.1914	0.0000	SURCHARGED
720 minute winter	S5	705	186.383	1.403	2.0	1.5862	0.0000	SURCHARGED
720 minute winter	S6	705	184.881	0.036	1.6	0.0412	0.0000	OK
720 minute winter	S7	960	184.799	0.020	1.4	0.0228	0.0000	OK
720 minute winter	S8	960	184.411	0.021	1.4	0.0238	0.0000	OK
720 minute winter	S9	375	184.234	0.034	1.4	0.0380	0.0000	OK
720 minute winter	S10	375	184.234	0.050	9.2	0.0757	0.0000	OK
720 minute winter	S11	390	186.427	0.027	0.9	0.0447	0.0000	OK
720 minute winter	S12	390	186.217	0.041	1.9	0.0458	0.0000	OK
720 minute winter	S13	390	186.069	0.035	3.7	0.0499	0.0000	OK
720 minute winter	S14	375	185.310	0.060	5.0	0.0941	0.0000	OK
720 minute winter	S15	375	184.907	0.040	6.7	0.0564	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	S1	1.000	J1	0.4	0.369	0.046	0.0094
720 minute winter	S2	1.012	J12	6.0	0.599	0.201	0.0150
720 minute winter	S3	1.019	J18	8.7	0.938	0.286	0.1752
720 minute winter	S4	1.022	BASIN 1	13.5	1.036	0.081	1.1778
720 minute winter	S5	1.024	SWALE 1	1.6	0.343	0.031	0.0978
720 minute winter	S6	1.026	BASIN 2	1.6	0.393	0.030	0.0266
720 minute winter	S7	1.028	SWALE 2	1.4	0.437	0.009	0.0540
720 minute winter	S8	1.030	S9	1.4	0.453	0.010	0.0371
720 minute winter	S9	1.031	S10	1.4	0.482	0.025	0.0397
720 minute winter	S10	1.032	SWALE 3	9.2	0.877	0.051	0.0463
720 minute winter	S11	32.000	J28	0.9	0.477	0.151	0.0086
720 minute winter	S12	32.003	J30	1.9	0.456	0.142	0.0211
720 minute winter	S13	32.007	J33	3.7	1.186	0.114	0.0404
720 minute winter	S14	32.009	J34	5.0	0.810	0.291	0.0326
720 minute winter	S15	32.013	J37	6.5	0.877	0.071	0.0709

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S16	375	184.592	0.035	7.2	0.0441	0.0000	OK
720 minute winter	S17	705	186.383	0.383	0.3	0.4332	0.0000	SURCHARGED
720 minute winter	S18	705	186.382	0.721	2.3	1.0184	0.0000	SURCHARGED
720 minute winter	S19	690	186.383	0.892	3.7	1.2226	0.0000	SURCHARGED
720 minute winter	S20	405	184.666	0.024	0.7	0.0292	0.0000	OK
720 minute winter	S21	390	184.496	0.037	1.6	0.0441	0.0000	OK
720 minute winter	S22	720	184.385	0.099	3.5	0.1211	0.0000	OK
720 minute winter	S23	780	184.389	0.231	4.7	0.2732	0.0000	SURCHARGED
720 minute winter	S24	705	184.384	0.407	9.7	0.5916	0.0000	SURCHARGED
720 minute winter	S25	705	184.383	0.457	10.2	0.5167	0.0000	SURCHARGED
720 minute winter	S26	405	185.392	0.015	0.4	0.0179	0.0000	OK
720 minute winter	FC1	390	188.420	0.170	0.4	0.2268	0.0000	SURCHARGED
720 minute winter	FC2	390	188.321	0.171	0.4	0.2272	0.0000	SURCHARGED
720 minute winter	FC3	390	188.553	0.353	0.6	0.5121	0.0000	SURCHARGED
720 minute winter	FC4	405	188.302	0.102	0.3	0.1315	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	S16	32.015	J38	7.2	0.888	0.049	0.0196
720 minute winter	S17	23.001	J20	0.3	0.274	0.044	0.0560
720 minute winter	S18	23.006	J24	2.2	0.469	0.157	0.0323
720 minute winter	S19	23.010	J27	3.6	0.440	0.121	0.3541
720 minute winter	S20	48.001	J41	0.7	0.493	0.117	0.0066
720 minute winter	S21	48.004	J43	1.6	0.619	0.268	0.0131
720 minute winter	S22	48.008	J46	3.5	0.513	0.258	0.0325
720 minute winter	S23	48.011	J48	4.7	0.428	0.151	0.0447
720 minute winter	S24	48.018	J56	9.7	0.497	0.181	0.2989
720 minute winter	S25	48.021	BASIN 4	10.2	0.651	0.185	0.2248
720 minute winter	S26	65.001	J54	0.4	0.561	0.046	0.0061
720 minute winter	FC1	2.000	J1	0.4	0.322	0.064	0.0059
720 minute winter	FC2	3.000	J2	0.4	0.212	0.067	0.0088
720 minute winter	FC3	4.000	J3	0.6	0.501	0.091	0.0109
720 minute winter	FC4	5.000	J4	0.3	0.466	0.040	0.0047

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC5	390	188.171	0.171	0.4	0.2279	0.0000	SURCHARGED
720 minute winter	FC6	405	187.951	0.101	0.3	0.1304	0.0000	SURCHARGED
720 minute winter	FC7	405	187.852	0.102	0.3	0.1321	0.0000	SURCHARGED
720 minute winter	FC8	390	187.917	0.167	0.4	0.2229	0.0000	SURCHARGED
720 minute winter	FC9	405	187.574	0.104	0.3	0.1337	0.0000	SURCHARGED
720 minute winter	FC10	405	187.731	0.261	0.5	0.3683	0.0000	SURCHARGED
720 minute winter	FC11	435	187.424	0.104	0.3	0.1360	0.0000	SURCHARGED
720 minute winter	FC12	435	187.334	0.104	0.3	0.1360	0.0000	SURCHARGED
720 minute winter	FC13	390	187.171	0.171	0.4	0.2277	0.0000	SURCHARGED
720 minute winter	FC14	435	187.001	0.100	0.4	1.2849	0.0000	SURCHARGED
720 minute winter	FC15	405	187.299	0.099	0.3	0.1279	0.0000	OK
720 minute winter	FC16	405	187.003	0.103	0.3	0.1329	0.0000	SURCHARGED
720 minute winter	FC17	405	187.099	0.099	0.3	0.1279	0.0000	OK
720 minute winter	FC18	405	186.654	0.104	0.3	0.1338	0.0000	SURCHARGED
720 minute winter	FC19	390	186.571	0.171	0.4	0.2278	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC5	6.000	J5	0.4	0.421	0.067	0.0039
720 minute winter	FC6	7.000	J6	0.3	0.512	0.035	0.0043
720 minute winter	FC7	8.000	J7	0.3	0.445	0.042	0.0049
720 minute winter	FC8	9.000	J8	0.4	0.596	0.041	0.0028
720 minute winter	FC9	10.000	J9	0.3	0.393	0.050	0.0055
720 minute winter	FC10	11.000	J10	0.5	0.490	0.075	0.0063
720 minute winter	FC11	12.000	J11	0.3	0.392	0.051	0.0059
720 minute winter	FC12	13.000	S2	0.3	0.392	0.051	0.0053
720 minute winter	FC13	14.000	J12	0.4	0.425	0.067	0.0064
720 minute winter	FC14	15.000	J13	0.3	0.391	0.050	0.0057
720 minute winter	FC15	16.000	J14	0.3	0.828	0.017	0.0017
720 minute winter	FC16	17.000	J15	0.3	0.417	0.046	0.0055
720 minute winter	FC17	18.000	J16	0.3	0.659	0.024	0.0022
720 minute winter	FC18	19.000	J17	0.3	0.391	0.051	0.0054
720 minute winter	FC19	20.000	S3	0.4	0.423	0.067	0.0129

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC20	390	187.115	0.165	0.4	0.2191	0.0000	SURCHARGED
720 minute winter	FC21	390	186.471	0.171	0.4	0.2277	0.0000	SURCHARGED
720 minute winter	FC22	405	186.528	0.078	0.3	0.7577	0.0000	OK
720 minute winter	FC23	405	186.403	0.103	0.3	0.1333	0.0000	SURCHARGED
720 minute winter	FC24	390	186.469	0.169	0.4	0.2254	0.0000	SURCHARGED
720 minute winter	FC25	390	186.715	0.165	0.4	0.2191	0.0000	SURCHARGED
720 minute winter	FC26	405	186.527	0.077	0.3	0.7792	0.0000	OK
720 minute winter	FC27	405	186.599	0.099	0.3	0.1279	0.0000	OK
720 minute winter	FC28	390	186.665	0.165	0.4	0.2191	0.0000	SURCHARGED
720 minute winter	FC29	405	186.667	0.167	0.4	0.2262	0.0000	SURCHARGED
720 minute winter	FC30	390	186.915	0.165	0.4	0.2197	0.0000	SURCHARGED
720 minute winter	FC31	405	186.551	0.101	0.3	0.1299	0.0000	SURCHARGED
720 minute winter	FC32	405	186.549	0.099	0.3	0.1279	0.0000	OK
720 minute winter	FC33	390	186.615	0.165	0.4	0.2198	0.0000	SURCHARGED
720 minute winter	FC34	390	186.621	0.171	0.4	0.2274	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC20	21.000	J18	0.4	0.849	0.025	0.0020
720 minute winter	FC21	22.000	J19	0.4	0.424	0.067	0.0566
720 minute winter	FC22	23.000	S17	0.3	0.538	0.014	0.0194
720 minute winter	FC23	24.000	J20	0.3	0.408	0.048	0.0339
720 minute winter	FC24	25.000	J21	0.4	0.495	0.053	0.0343
720 minute winter	FC25	26.000	J22	0.4	0.842	0.025	0.0189
720 minute winter	FC26	27.000	J23	0.3	0.657	0.020	0.0186
720 minute winter	FC27	28.000	J24	0.3	0.855	0.016	0.0182
720 minute winter	FC28	29.000	J25	0.4	0.847	0.025	0.0174
720 minute winter	FC29	30.000	J26	0.4	0.826	0.026	0.0189
720 minute winter	FC30	31.000	J27	0.4	0.790	0.027	0.0022
720 minute winter	FC31	33.000	J28	0.3	0.250	0.033	0.0056
720 minute winter	FC32	34.000	J29	0.3	0.223	0.024	0.0062
720 minute winter	FC33	35.000	S12	0.4	0.777	0.028	0.0021
720 minute winter	FC34	36.000	J30	0.4	0.435	0.064	0.0043

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC35	390	186.615	0.165	0.4	0.2198	0.0000	SURCHARGED
720 minute winter	FC36	405	186.617	0.167	0.4	0.2260	0.0000	SURCHARGED
720 minute winter	FC37	390	186.052	0.252	0.5	0.3507	0.0000	SURCHARGED
720 minute winter	FC38	405	185.523	0.073	0.3	0.8787	0.0000	OK
720 minute winter	FC39	405	185.549	0.099	0.3	0.1279	0.0000	OK
720 minute winter	FC40	390	185.665	0.165	0.4	0.2190	0.0000	SURCHARGED
720 minute winter	FC41	390	185.017	0.167	0.4	0.2221	0.0000	SURCHARGED
720 minute winter	FC42	390	184.768	0.168	0.4	0.2239	0.0000	SURCHARGED
720 minute winter	FC43	390	184.767	0.167	0.4	0.2219	0.0000	SURCHARGED
720 minute winter	FC44	345	184.612	0.012	0.3	0.0149	0.0000	OK
720 minute winter	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
720 minute winter	FC46	405	184.962	0.262	0.5	0.3692	0.0000	SURCHARGED
720 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute winter	FC48	390	184.965	0.165	0.4	0.2197	0.0000	SURCHARGED
720 minute winter	FC49	390	184.971	0.171	0.4	0.2279	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC35	37.000	J31	0.4	0.782	0.028	0.0026
720 minute winter	FC36	38.000	J32	0.4	0.842	0.025	0.0024
720 minute winter	FC37	39.000	J33	0.5	0.599	0.055	0.0054
720 minute winter	FC38	40.000	J34	0.3	0.625	0.020	0.0019
720 minute winter	FC39	41.000	J35	0.3	0.727	0.021	0.0018
720 minute winter	FC40	42.000	J36	0.4	0.962	0.021	0.0021
720 minute winter	FC41	43.000	J37	0.4	0.631	0.038	0.0032
720 minute winter	FC42	44.000	J38	0.4	0.550	0.046	0.0035
720 minute winter	FC43	45.000	J39	0.4	0.643	0.037	0.0027
720 minute winter	FC44	46.000	J40	0.3	0.609	0.027	0.0022
720 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
720 minute winter	FC46	48.000	S20	0.5	0.399	0.084	0.0076
720 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0037
720 minute winter	FC48	50.000	J42	0.4	0.345	0.028	0.0060
720 minute winter	FC49	51.000	S21	0.4	0.421	0.067	0.0041

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC50	390	184.971	0.171	0.4	0.2279	0.0000	SURCHARGED
720 minute winter	FC51	390	185.021	0.171	0.4	0.2278	0.0000	SURCHARGED
720 minute winter	FC52	420	185.421	0.170	0.4	0.2337	0.0000	SURCHARGED
720 minute winter	FC53	390	185.418	0.168	0.4	0.2233	0.0000	SURCHARGED
720 minute winter	FC54	405	185.350	0.100	0.3	0.1289	0.0000	OK
720 minute winter	FC55	405	185.349	0.099	0.3	0.1279	0.0000	OK
720 minute winter	FC56	390	185.515	0.165	0.4	0.2192	0.0000	SURCHARGED
720 minute winter	FC57	390	185.515	0.165	0.4	0.2198	0.0000	SURCHARGED
720 minute winter	FC58	405	185.449	0.099	0.3	0.1279	0.0000	OK
720 minute winter	FC59	405	185.449	0.099	0.3	0.1280	0.0000	OK
720 minute winter	FC60	390	185.516	0.166	0.4	0.2211	0.0000	SURCHARGED
720 minute winter	FC61	390	185.468	0.168	0.4	0.2237	0.0000	SURCHARGED
720 minute winter	FC62	375	185.568	0.318	0.6	0.4548	0.0000	SURCHARGED
720 minute winter	FC63	405	185.504	0.104	0.3	0.1343	0.0000	SURCHARGED
720 minute winter	FC64	390	185.171	0.171	0.4	0.2274	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC50	52.000	J43	0.4	0.422	0.067	0.0044
720 minute winter	FC51	55.000	S22	0.4	0.423	0.067	0.0057
720 minute winter	FC52	58.000	S23	0.4	0.616	0.040	0.0035
720 minute winter	FC53	61.000	J50	0.4	0.578	0.043	0.0029
720 minute winter	FC54	62.000	J51	0.3	0.590	0.028	0.0020
720 minute winter	FC55	64.000	J53	0.3	0.743	0.020	0.0017
720 minute winter	FC56	53.000	J44	0.4	0.831	0.026	0.0031
720 minute winter	FC57	54.000	J45	0.4	0.780	0.028	0.0033
720 minute winter	FC58	56.000	J46	0.3	0.691	0.022	0.0027
720 minute winter	FC59	57.000	J47	0.3	0.641	0.025	0.0030
720 minute winter	FC60	59.000	J48	0.4	0.689	0.033	0.0038
720 minute winter	FC61	60.000	J49	0.4	0.554	0.046	0.0053
720 minute winter	FC62	63.000	J52	0.6	0.561	0.072	0.0092
720 minute winter	FC63	65.000	S26	0.3	0.394	0.051	0.0018
720 minute winter	FC64	66.000	J54	0.4	0.314	0.067	0.0028

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC65	390	185.315	0.165	0.4	0.2190	0.0000	SURCHARGED
720 minute winter	FC66	390	185.170	0.170	0.4	0.2263	0.0000	SURCHARGED
720 minute winter	FC67	405	184.879	0.079	0.3	0.8130	0.0000	OK
720 minute winter	FC68	405	184.651	0.101	0.3	0.1305	0.0000	SURCHARGED
720 minute winter	J1	390	188.226	0.026	1.2	0.0347	0.0000	OK
720 minute winter	J2	390	188.146	0.040	1.6	0.0455	0.0000	OK
720 minute winter	J3	390	188.088	0.041	2.2	0.0469	0.0000	OK
720 minute winter	J4	390	188.065	0.029	2.5	0.0333	0.0000	OK
720 minute winter	J5	390	187.938	0.028	2.9	0.0315	0.0000	OK
720 minute winter	J6	390	187.690	0.040	3.2	0.0447	0.0000	OK
720 minute winter	J7	390	187.652	0.052	3.5	0.0588	0.0000	OK
720 minute winter	J8	390	187.631	0.038	3.9	0.0427	0.0000	OK
720 minute winter	J9	390	187.328	0.053	4.2	0.0596	0.0000	OK
720 minute winter	J10	390	187.301	0.030	4.6	0.0345	0.0000	OK
720 minute winter	J11	390	187.165	0.044	5.0	0.0500	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC65	67.000	J55	0.4	0.337	0.021	0.0028
720 minute winter	FC66	68.000	S24	0.4	0.475	0.055	0.0018
720 minute winter	FC67	69.000	J56	0.3	0.365	0.043	0.0015
720 minute winter	FC68	70.000	J57	0.3	0.515	0.033	0.0013
720 minute winter	J1	1.001	J2	1.2	0.532	0.144	0.0114
720 minute winter	J2	1.002	J3	1.6	0.588	0.269	0.0028
720 minute winter	J3	1.003	J4	2.2	0.684	0.164	0.0062
720 minute winter	J4	1.004	J5	2.5	1.055	0.074	0.0083
720 minute winter	J5	1.005	J6	2.9	0.971	0.075	0.0169
720 minute winter	J6	1.006	J7	3.2	0.697	0.111	0.0090
720 minute winter	J7	1.007	J8	3.5	0.784	0.249	0.0050
720 minute winter	J8	1.008	J9	3.9	1.145	0.128	0.0285
720 minute winter	J9	1.009	J10	4.2	0.833	0.125	0.0062
720 minute winter	J10	1.010	J11	4.7	1.082	0.036	0.0106
720 minute winter	J11	1.011	S2	5.0	0.610	0.077	0.0442

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J12	375	186.857	0.048	6.4	0.0539	0.0000	OK
720 minute winter	J13	375	186.788	0.086	6.7	0.0970	0.0000	OK
720 minute winter	J14	375	186.777	0.082	7.0	0.0929	0.0000	OK
720 minute winter	J15	375	186.762	0.074	7.3	0.0842	0.0000	OK
720 minute winter	J16	375	186.730	0.060	7.6	0.0683	0.0000	OK
720 minute winter	J17	375	186.397	0.039	7.9	0.0441	0.0000	OK
720 minute winter	J18	705	186.386	0.192	9.1	0.2168	0.0000	OK
720 minute winter	J19	705	186.384	0.357	9.5	0.4042	0.0000	SURCHARGED
720 minute winter	J20	705	186.383	0.452	0.6	0.5111	0.0000	SURCHARGED
720 minute winter	J21	705	186.383	0.488	0.9	0.5519	0.0000	SURCHARGED
720 minute winter	J22	705	186.383	0.565	1.3	0.6390	0.0000	SURCHARGED
720 minute winter	J23	705	186.383	0.599	1.6	0.6780	0.0000	SURCHARGED
720 minute winter	J24	705	186.382	0.732	2.4	0.8278	0.0000	SURCHARGED
720 minute winter	J25	705	186.383	0.768	2.7	0.8681	0.0000	SURCHARGED
720 minute winter	J26	705	186.383	0.796	3.0	0.9003	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J12	1.013	J13	6.4	0.650	0.095	0.0647
720 minute winter	J13	1.014	J14	6.7	0.494	0.212	0.0256
720 minute winter	J14	1.015	J15	7.0	0.567	0.223	0.0235
720 minute winter	J15	1.016	J16	7.3	0.727	0.237	0.0513
720 minute winter	J16	1.017	J17	7.6	0.958	0.125	0.0265
720 minute winter	J17	1.018	S3	7.8	0.960	0.054	0.0329
720 minute winter	J18	1.020	J19	9.1	1.609	0.070	0.0564
720 minute winter	J19	1.021	S4	9.5	0.638	0.173	0.3096
720 minute winter	J20	23.002	J21	0.6	0.382	0.094	0.0295
720 minute winter	J21	23.003	J22	0.9	0.479	0.160	0.0627
720 minute winter	J22	23.004	J23	1.3	0.544	0.225	0.0281
720 minute winter	J23	23.005	S18	1.5	0.600	0.255	0.0587
720 minute winter	J24	23.007	J25	2.3	0.484	0.175	0.1088
720 minute winter	J25	23.008	J26	2.6	0.490	0.197	0.0874
720 minute winter	J26	23.009	S19	3.2	0.554	0.243	0.0652

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J27	705	186.384	0.923	4.3	1.0434	0.0000	SURCHARGED
720 minute winter	J28	390	186.387	0.031	1.2	0.0350	0.0000	OK
720 minute winter	J29	390	186.307	0.036	1.5	0.0409	0.0000	OK
720 minute winter	J30	390	186.192	0.045	2.3	0.0512	0.0000	OK
720 minute winter	J31	390	186.166	0.047	2.7	0.0536	0.0000	OK
720 minute winter	J32	390	186.115	0.050	3.1	0.0571	0.0000	OK
720 minute winter	J33	390	185.645	0.035	4.2	0.0393	0.0000	OK
720 minute winter	J34	375	185.183	0.058	5.3	0.0659	0.0000	OK
720 minute winter	J35	375	185.113	0.038	5.6	0.0430	0.0000	OK
720 minute winter	J36	375	184.939	0.064	6.0	0.0727	0.0000	OK
720 minute winter	J37	375	184.644	0.069	6.9	0.0784	0.0000	OK
720 minute winter	J38	375	184.457	0.082	7.6	0.0927	0.0000	OK
720 minute winter	J39	375	184.420	0.082	8.0	0.0928	0.0000	OK
720 minute winter	J40	375	184.396	0.071	8.3	0.0801	0.0000	OK
720 minute winter	J41	405	184.620	0.023	0.7	0.0265	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J27	23.011	S4	3.9	0.505	0.131	0.0951
720 minute winter	J28	32.001	J29	1.2	0.521	0.203	0.0204
720 minute winter	J29	32.002	S12	1.5	0.610	0.253	0.0115
720 minute winter	J30	32.004	J31	2.3	0.496	0.173	0.0230
720 minute winter	J31	32.005	J32	2.7	0.539	0.202	0.0485
720 minute winter	J32	32.006	S13	3.1	0.746	0.232	0.0221
720 minute winter	J33	32.008	S14	4.2	0.882	0.117	0.0437
720 minute winter	J34	32.010	J35	5.3	0.849	0.137	0.0567
720 minute winter	J35	32.011	J36	5.6	0.828	0.063	0.0473
720 minute winter	J36	32.012	S15	6.1	0.882	0.202	0.0168
720 minute winter	J37	32.014	S16	6.9	1.000	0.228	0.0370
720 minute winter	J38	32.016	J39	7.6	0.584	0.253	0.1413
720 minute winter	J39	32.017	J40	8.0	0.676	0.260	0.0434
720 minute winter	J40	32.018	S10	8.3	0.813	0.193	0.0980
720 minute winter	J41	48.002	J42	0.7	0.429	0.117	0.0102

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J42	390	184.566	0.029	1.1	0.0331	0.0000	OK
720 minute winter	J43	390	184.404	0.044	2.0	0.0502	0.0000	OK
720 minute winter	J44	390	184.393	0.043	2.4	0.0485	0.0000	OK
720 minute winter	J45	810	184.382	0.082	2.8	0.0932	0.0000	OK
720 minute winter	J46	720	184.386	0.114	3.8	0.1294	0.0000	OK
720 minute winter	J47	720	184.385	0.137	4.1	0.1550	0.0000	OK
720 minute winter	J48	720	184.386	0.232	5.6	0.2619	0.0000	SURCHARGED
720 minute winter	J49	765	184.406	0.277	27.1	0.3129	0.0000	SURCHARGED
720 minute winter	J50	780	184.405	0.280	14.4	0.3170	0.0000	SURCHARGED
720 minute winter	J51	765	184.390	0.282	22.4	0.3194	0.0000	SURCHARGED
720 minute winter	J52	870	184.410	0.306	38.4	0.3463	0.0000	SURCHARGED
720 minute winter	J53	810	184.386	0.299	7.0	0.3377	0.0000	SURCHARGED
720 minute winter	J54	390	185.005	0.026	0.8	0.0293	0.0000	OK
720 minute winter	J55	390	184.976	0.031	1.2	0.0356	0.0000	OK
720 minute winter	J56	705	184.382	0.415	9.9	0.4694	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J42	48.003	S21	1.1	0.479	0.185	0.0186
720 minute winter	J43	48.005	J44	2.0	0.466	0.142	0.0068
720 minute winter	J44	48.006	J45	2.4	0.468	0.178	0.0576
720 minute winter	J45	48.007	S22	2.8	0.433	0.204	0.0263
720 minute winter	J46	48.009	J47	3.8	0.550	0.282	0.0659
720 minute winter	J47	48.010	S23	4.1	0.624	0.305	0.0455
720 minute winter	J48	48.012	J49	5.1	0.428	0.169	0.2962
720 minute winter	J49	48.013	J50	-13.9	0.427	-0.455	0.0451
720 minute winter	J50	48.014	J51	5.8	0.449	0.196	0.2018
720 minute winter	J51	48.015	J52	19.7	0.497	0.644	0.0451
720 minute winter	J52	48.016	J53	-6.8	0.548	-0.224	0.1938
720 minute winter	J53	48.017	S24	7.0	0.637	0.232	0.4079
720 minute winter	J54	65.002	J55	0.8	0.429	0.134	0.0068
720 minute winter	J55	65.003	S24	1.2	0.578	0.202	0.0162
720 minute winter	J56	48.019	J57	9.9	0.522	0.183	0.6398

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Results for 100 year 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J57	705	184.384	0.439	10.2	0.4962	0.0000	SURCHARGED
720 minute winter	BASIN 1	705	186.383	1.383	13.5	196.4103	0.0000	SURCHARGED
720 minute winter	BASIN 2	960	184.864	0.564	1.6	57.1182	0.0000	OK
720 minute winter	BASIN 3	960	183.319	0.219	9.2	154.1812	0.0000	OK
720 minute winter	BASIN 4	720	184.383	1.053	10.2	160.2098	0.0000	SURCHARGED
720 minute winter	SWALE 1	705	184.968	0.036	1.6	0.0408	0.0000	OK
720 minute winter	SWALE 2	960	184.485	0.034	1.4	0.0390	0.0000	OK
720 minute winter	SWALE 3	375	184.145	0.075	9.2	0.0844	0.0000	OK
720 minute winter	BH1	960	184.864	0.787	0.5	3.0846	0.0000	OK
720 minute winter	BH2	960	183.319	0.267	0.9	2.9308	0.0000	OK
720 minute winter	BH3	735	184.384	1.078	1.2	6.6351	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J57	48.020	S25	10.2	0.561	0.189	0.5574
720 minute winter	BASIN 1	1.023	S5	2.0	0.128	0.037	0.6013
720 minute winter	BASIN 2	1.027	S7	1.4	0.440	0.026	0.0700
720 minute winter	BASIN 2	71.000	BH1	0.5	0.411	0.093	0.1829
720 minute winter	BASIN 3	1.034	BH2	0.9	0.261	0.011	2.0333
720 minute winter	BASIN 4	48.022	BH3	1.2	0.408	0.023	0.7181
720 minute winter	SWALE 1	1.025	S6	1.6	0.342	0.031	0.1817
720 minute winter	SWALE 2	1.029	S8	1.4	0.424	0.026	0.0852
720 minute winter	SWALE 3	1.033	BASIN 3	9.2	0.693	0.133	0.5746
720 minute winter	BH1	Infiltration		0.1			
720 minute winter	BH2	Infiltration		0.2			
720 minute winter	BH3	Infiltration		0.2			

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S1	495	188.386	0.016	0.5	0.0220	0.0000	OK
960 minute summer	S2	495	187.115	0.076	6.5	0.1116	0.0000	OK
960 minute summer	S3	495	186.293	0.081	9.3	0.1047	0.0000	OK
960 minute summer	S4	795	186.233	0.854	14.3	1.0151	0.0000	SURCHARGED
960 minute summer	S5	780	186.230	1.250	1.6	1.4134	0.0000	SURCHARGED
960 minute summer	S6	780	184.880	0.035	1.6	0.0402	0.0000	OK
960 minute summer	S7	1170	184.799	0.020	1.4	0.0227	0.0000	OK
960 minute summer	S8	1185	184.411	0.021	1.4	0.0238	0.0000	OK
960 minute summer	S9	495	184.235	0.035	1.4	0.0396	0.0000	OK
960 minute summer	S10	495	184.235	0.051	9.7	0.0778	0.0000	OK
960 minute summer	S11	495	186.429	0.029	1.0	0.0474	0.0000	OK
960 minute summer	S12	495	186.218	0.042	2.0	0.0471	0.0000	OK
960 minute summer	S13	495	186.070	0.036	3.9	0.0516	0.0000	OK
960 minute summer	S14	495	185.312	0.062	5.4	0.0979	0.0000	OK
960 minute summer	S15	495	184.909	0.041	6.6	0.0579	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	S1	1.000	J1	0.5	0.393	0.057	0.0107
960 minute summer	S2	1.012	J12	6.5	0.613	0.219	0.0159
960 minute summer	S3	1.019	J18	9.3	0.952	0.303	0.0504
960 minute summer	S4	1.022	BASIN 1	14.2	0.859	0.085	1.1778
960 minute summer	S5	1.024	SWALE 1	1.6	0.337	0.029	0.0937
960 minute summer	S6	1.026	BASIN 2	1.6	0.385	0.029	0.0258
960 minute summer	S7	1.028	SWALE 2	1.4	0.435	0.009	0.0537
960 minute summer	S8	1.030	S9	1.4	0.452	0.010	0.0369
960 minute summer	S9	1.031	S10	1.4	0.481	0.025	0.0417
960 minute summer	S10	1.032	SWALE 3	9.7	0.887	0.054	0.0480
960 minute summer	S11	32.000	J28	1.0	0.492	0.168	0.0092
960 minute summer	S12	32.003	J30	2.0	0.463	0.149	0.0218
960 minute summer	S13	32.007	J33	3.9	1.210	0.122	0.0421
960 minute summer	S14	32.009	J34	5.4	0.824	0.311	0.0343
960 minute summer	S15	32.013	J37	6.9	0.891	0.075	0.0736

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S16	495	184.593	0.036	7.6	0.0454	0.0000	OK
960 minute summer	S17	795	186.231	0.231	0.3	0.2613	0.0000	SURCHARGED
960 minute summer	S18	765	186.233	0.572	2.4	0.8085	0.0000	SURCHARGED
960 minute summer	S19	765	186.236	0.745	4.2	1.0204	0.0000	SURCHARGED
960 minute summer	S20	510	184.667	0.025	0.7	0.0302	0.0000	OK
960 minute summer	S21	495	184.498	0.039	1.7	0.0461	0.0000	OK
960 minute summer	S22	495	184.348	0.062	3.6	0.0762	0.0000	OK
960 minute summer	S23	915	184.266	0.108	4.8	0.1274	0.0000	OK
960 minute summer	S24	855	184.262	0.285	10.1	0.4135	0.0000	OK
960 minute summer	S25	915	184.262	0.336	10.6	0.3798	0.0000	SURCHARGED
960 minute summer	S26	495	185.394	0.017	0.5	0.0199	0.0000	OK
960 minute summer	FC1	510	188.420	0.170	0.4	0.2266	0.0000	SURCHARGED
960 minute summer	FC2	510	188.321	0.171	0.4	0.2270	0.0000	SURCHARGED
960 minute summer	FC3	510	188.609	0.409	0.7	0.5934	0.0000	SURCHARGED
960 minute summer	FC4	525	188.302	0.102	0.3	0.1315	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	S16	32.015	J38	7.6	0.896	0.052	0.0203
960 minute summer	S17	23.001	J20	0.3	0.276	0.044	0.0560
960 minute summer	S18	23.006	J24	2.4	0.477	0.174	0.0323
960 minute summer	S19	23.010	J27	3.9	0.439	0.132	0.3541
960 minute summer	S20	48.001	J41	0.7	0.501	0.125	0.0069
960 minute summer	S21	48.004	J43	1.7	0.631	0.289	0.0138
960 minute summer	S22	48.008	J46	3.6	0.517	0.265	0.0168
960 minute summer	S23	48.011	J48	4.8	0.432	0.156	0.0213
960 minute summer	S24	48.018	J56	10.1	0.502	0.188	0.2951
960 minute summer	S25	48.021	BASIN 4	10.6	0.656	0.192	0.2248
960 minute summer	S26	65.001	J54	0.5	0.598	0.057	0.0071
960 minute summer	FC1	2.000	J1	0.4	0.333	0.064	0.0063
960 minute summer	FC2	3.000	J2	0.4	0.218	0.066	0.0093
960 minute summer	FC3	4.000	J3	0.6	0.513	0.099	0.0115
960 minute summer	FC4	5.000	J4	0.3	0.466	0.040	0.0047

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC5	510	188.171	0.171	0.4	0.2277	0.0000	SURCHARGED
960 minute summer	FC6	525	187.951	0.101	0.3	0.1304	0.0000	SURCHARGED
960 minute summer	FC7	525	187.852	0.102	0.3	0.1321	0.0000	SURCHARGED
960 minute summer	FC8	510	187.917	0.167	0.4	0.2227	0.0000	SURCHARGED
960 minute summer	FC9	525	187.574	0.104	0.3	0.1337	0.0000	SURCHARGED
960 minute summer	FC10	510	187.777	0.307	0.6	0.4338	0.0000	SURCHARGED
960 minute summer	FC11	495	187.475	0.155	0.4	0.2026	0.0000	SURCHARGED
960 minute summer	FC12	495	187.385	0.155	0.4	0.2026	0.0000	SURCHARGED
960 minute summer	FC13	510	187.171	0.171	0.4	0.2275	0.0000	SURCHARGED
960 minute summer	FC14	540	186.996	0.096	0.4	1.2289	0.0000	OK
960 minute summer	FC15	525	187.299	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC16	525	187.003	0.103	0.3	0.1329	0.0000	SURCHARGED
960 minute summer	FC17	525	187.099	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC18	525	186.654	0.104	0.3	0.1338	0.0000	SURCHARGED
960 minute summer	FC19	510	186.571	0.171	0.4	0.2276	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC5	6.000	J5	0.4	0.421	0.067	0.0039
960 minute summer	FC6	7.000	J6	0.3	0.512	0.035	0.0043
960 minute summer	FC7	8.000	J7	0.3	0.445	0.042	0.0049
960 minute summer	FC8	9.000	J8	0.4	0.596	0.041	0.0028
960 minute summer	FC9	10.000	J9	0.3	0.393	0.050	0.0055
960 minute summer	FC10	11.000	J10	0.5	0.503	0.082	0.0067
960 minute summer	FC11	12.000	J11	0.4	0.417	0.063	0.0069
960 minute summer	FC12	13.000	S2	0.4	0.417	0.063	0.0062
960 minute summer	FC13	14.000	J12	0.4	0.425	0.067	0.0064
960 minute summer	FC14	15.000	J13	0.3	0.388	0.048	0.0056
960 minute summer	FC15	16.000	J14	0.3	0.828	0.017	0.0017
960 minute summer	FC16	17.000	J15	0.3	0.417	0.046	0.0055
960 minute summer	FC17	18.000	J16	0.3	0.659	0.024	0.0022
960 minute summer	FC18	19.000	J17	0.3	0.391	0.051	0.0054
960 minute summer	FC19	20.000	S3	0.4	0.423	0.067	0.0062

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC20	510	187.115	0.164	0.4	0.2189	0.0000	SURCHARGED
960 minute summer	FC21	510	186.471	0.171	0.4	0.2275	0.0000	SURCHARGED
960 minute summer	FC22	525	186.526	0.076	0.3	0.7425	0.0000	OK
960 minute summer	FC23	525	186.403	0.103	0.3	0.1333	0.0000	SURCHARGED
960 minute summer	FC24	510	186.469	0.169	0.4	0.2252	0.0000	SURCHARGED
960 minute summer	FC25	510	186.715	0.165	0.4	0.2190	0.0000	SURCHARGED
960 minute summer	FC26	525	186.526	0.075	0.3	0.7628	0.0000	OK
960 minute summer	FC27	525	186.599	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC28	510	186.665	0.164	0.4	0.2189	0.0000	SURCHARGED
960 minute summer	FC29	495	186.717	0.217	0.5	0.2931	0.0000	SURCHARGED
960 minute summer	FC30	510	186.915	0.165	0.4	0.2195	0.0000	SURCHARGED
960 minute summer	FC31	525	186.551	0.101	0.3	0.1299	0.0000	SURCHARGED
960 minute summer	FC32	525	186.549	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC33	510	186.615	0.165	0.4	0.2197	0.0000	SURCHARGED
960 minute summer	FC34	510	186.621	0.171	0.4	0.2272	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC20	21.000	J18	0.4	0.849	0.025	0.0020
960 minute summer	FC21	22.000	J19	0.4	0.424	0.067	0.0071
960 minute summer	FC22	23.000	S17	0.3	0.536	0.014	0.0193
960 minute summer	FC23	24.000	J20	0.3	0.408	0.048	0.0034
960 minute summer	FC24	25.000	J21	0.4	0.495	0.053	0.0037
960 minute summer	FC25	26.000	J22	0.4	0.842	0.025	0.0022
960 minute summer	FC26	27.000	J23	0.3	0.654	0.019	0.0018
960 minute summer	FC27	28.000	J24	0.3	0.855	0.016	0.0180
960 minute summer	FC28	29.000	J25	0.4	0.847	0.025	0.0055
960 minute summer	FC29	30.000	J26	0.5	0.859	0.030	0.0049
960 minute summer	FC30	31.000	J27	0.4	0.790	0.027	0.0022
960 minute summer	FC31	33.000	J28	0.3	0.250	0.033	0.0058
960 minute summer	FC32	34.000	J29	0.3	0.223	0.024	0.0065
960 minute summer	FC33	35.000	S12	0.4	0.777	0.028	0.0021
960 minute summer	FC34	36.000	J30	0.4	0.435	0.064	0.0043

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC35	510	186.615	0.165	0.4	0.2196	0.0000	SURCHARGED
960 minute summer	FC36	495	186.667	0.217	0.5	0.2930	0.0000	SURCHARGED
960 minute summer	FC37	510	186.051	0.251	0.5	0.3497	0.0000	SURCHARGED
960 minute summer	FC38	540	185.521	0.071	0.3	0.8569	0.0000	OK
960 minute summer	FC39	525	185.549	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC40	510	185.664	0.164	0.4	0.2188	0.0000	SURCHARGED
960 minute summer	FC41	510	185.017	0.167	0.4	0.2219	0.0000	SURCHARGED
960 minute summer	FC42	510	184.768	0.168	0.4	0.2237	0.0000	SURCHARGED
960 minute summer	FC43	510	184.767	0.167	0.4	0.2217	0.0000	SURCHARGED
960 minute summer	FC44	465	184.612	0.012	0.3	0.0149	0.0000	OK
960 minute summer	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	FC46	510	185.008	0.308	0.6	0.4348	0.0000	SURCHARGED
960 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute summer	FC48	510	184.965	0.165	0.4	0.2195	0.0000	SURCHARGED
960 minute summer	FC49	510	184.971	0.171	0.4	0.2277	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC35	37.000	J31	0.4	0.782	0.028	0.0026
960 minute summer	FC36	38.000	J32	0.5	0.876	0.029	0.0026
960 minute summer	FC37	39.000	J33	0.5	0.599	0.055	0.0054
960 minute summer	FC38	40.000	J34	0.2	0.622	0.020	0.0019
960 minute summer	FC39	41.000	J35	0.3	0.727	0.021	0.0018
960 minute summer	FC40	42.000	J36	0.4	0.962	0.021	0.0021
960 minute summer	FC41	43.000	J37	0.4	0.631	0.038	0.0032
960 minute summer	FC42	44.000	J38	0.4	0.550	0.046	0.0035
960 minute summer	FC43	45.000	J39	0.4	0.643	0.037	0.0027
960 minute summer	FC44	46.000	J40	0.3	0.609	0.027	0.0022
960 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
960 minute summer	FC46	48.000	S20	0.5	0.408	0.091	0.0080
960 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0039
960 minute summer	FC48	50.000	J42	0.4	0.338	0.028	0.0062
960 minute summer	FC49	51.000	S21	0.4	0.421	0.067	0.0041

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC50	510	184.971	0.171	0.4	0.2277	0.0000	SURCHARGED
960 minute summer	FC51	510	185.021	0.171	0.4	0.2276	0.0000	SURCHARGED
960 minute summer	FC52	495	185.474	0.224	0.5	0.3069	0.0000	SURCHARGED
960 minute summer	FC53	510	185.418	0.168	0.4	0.2231	0.0000	SURCHARGED
960 minute summer	FC54	525	185.350	0.100	0.3	0.1289	0.0000	OK
960 minute summer	FC55	525	185.349	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC56	510	185.515	0.165	0.4	0.2190	0.0000	SURCHARGED
960 minute summer	FC57	510	185.515	0.165	0.4	0.2196	0.0000	SURCHARGED
960 minute summer	FC58	525	185.449	0.099	0.3	0.1279	0.0000	OK
960 minute summer	FC59	525	185.449	0.099	0.3	0.1280	0.0000	OK
960 minute summer	FC60	510	185.516	0.166	0.4	0.2209	0.0000	SURCHARGED
960 minute summer	FC61	510	185.468	0.168	0.4	0.2236	0.0000	SURCHARGED
960 minute summer	FC62	495	185.563	0.312	0.6	0.4471	0.0000	SURCHARGED
960 minute summer	FC63	525	185.504	0.104	0.3	0.1343	0.0000	SURCHARGED
960 minute summer	FC64	510	185.171	0.171	0.4	0.2271	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC50	52.000	J43	0.4	0.422	0.067	0.0044
960 minute summer	FC51	55.000	S22	0.4	0.423	0.067	0.0057
960 minute summer	FC52	58.000	S23	0.5	0.642	0.046	0.0039
960 minute summer	FC53	61.000	J50	0.4	0.578	0.043	0.0029
960 minute summer	FC54	62.000	J51	0.3	0.590	0.028	0.0020
960 minute summer	FC55	64.000	J53	0.3	0.743	0.020	0.0017
960 minute summer	FC56	53.000	J44	0.4	0.831	0.026	0.0031
960 minute summer	FC57	54.000	J45	0.4	0.780	0.028	0.0033
960 minute summer	FC58	56.000	J46	0.3	0.691	0.022	0.0027
960 minute summer	FC59	57.000	J47	0.3	0.641	0.025	0.0030
960 minute summer	FC60	59.000	J48	0.4	0.689	0.033	0.0038
960 minute summer	FC61	60.000	J49	0.4	0.554	0.046	0.0053
960 minute summer	FC62	63.000	J52	0.5	0.560	0.072	0.0092
960 minute summer	FC63	65.000	S26	0.3	0.394	0.051	0.0020
960 minute summer	FC64	66.000	J54	0.4	0.313	0.067	0.0029

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC65	510	185.314	0.164	0.4	0.2188	0.0000	SURCHARGED
960 minute summer	FC66	510	185.170	0.170	0.4	0.2261	0.0000	SURCHARGED
960 minute summer	FC67	525	184.877	0.077	0.3	0.7937	0.0000	OK
960 minute summer	FC68	525	184.651	0.101	0.3	0.1305	0.0000	SURCHARGED
960 minute summer	J1	495	188.228	0.028	1.4	0.0375	0.0000	OK
960 minute summer	J2	495	188.149	0.043	1.8	0.0484	0.0000	OK
960 minute summer	J3	495	188.090	0.044	2.4	0.0492	0.0000	OK
960 minute summer	J4	495	188.066	0.031	2.7	0.0349	0.0000	OK
960 minute summer	J5	495	187.939	0.029	3.1	0.0326	0.0000	OK
960 minute summer	J6	495	187.691	0.041	3.4	0.0465	0.0000	OK
960 minute summer	J7	495	187.654	0.054	3.7	0.0606	0.0000	OK
960 minute summer	J8	495	187.632	0.039	4.1	0.0439	0.0000	OK
960 minute summer	J9	495	187.329	0.054	4.4	0.0610	0.0000	OK
960 minute summer	J10	495	187.301	0.031	4.9	0.0355	0.0000	OK
960 minute summer	J11	495	187.166	0.045	5.3	0.0513	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC65	67.000	J55	0.4	0.335	0.021	0.0029
960 minute summer	FC66	68.000	S24	0.4	0.475	0.055	0.0018
960 minute summer	FC67	69.000	J56	0.3	0.364	0.043	0.0015
960 minute summer	FC68	70.000	J57	0.3	0.515	0.033	0.0013
960 minute summer	J1	1.001	J2	1.4	0.562	0.167	0.0125
960 minute summer	J2	1.002	J3	1.8	0.605	0.300	0.0031
960 minute summer	J3	1.003	J4	2.4	0.704	0.180	0.0067
960 minute summer	J4	1.004	J5	2.7	1.084	0.080	0.0088
960 minute summer	J5	1.005	J6	3.1	0.989	0.080	0.0178
960 minute summer	J6	1.006	J7	3.4	0.709	0.119	0.0094
960 minute summer	J7	1.007	J8	3.7	0.799	0.264	0.0052
960 minute summer	J8	1.008	J9	4.1	1.161	0.134	0.0296
960 minute summer	J9	1.009	J10	4.4	0.838	0.131	0.0064
960 minute summer	J10	1.010	J11	4.9	1.094	0.038	0.0111
960 minute summer	J11	1.011	S2	5.3	0.613	0.082	0.0468

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J12	495	186.859	0.050	6.9	0.0565	0.0000	OK
960 minute summer	J13	495	186.791	0.089	7.2	0.1011	0.0000	OK
960 minute summer	J14	495	186.780	0.085	7.5	0.0965	0.0000	OK
960 minute summer	J15	495	186.765	0.077	7.8	0.0872	0.0000	OK
960 minute summer	J16	495	186.733	0.063	8.1	0.0709	0.0000	OK
960 minute summer	J17	495	186.399	0.041	8.4	0.0459	0.0000	OK
960 minute summer	J18	495	186.246	0.052	9.6	0.0586	0.0000	OK
960 minute summer	J19	780	186.230	0.203	10.0	0.2293	0.0000	OK
960 minute summer	J20	795	186.231	0.300	0.7	0.3396	0.0000	SURCHARGED
960 minute summer	J21	765	186.232	0.337	0.9	0.3812	0.0000	SURCHARGED
960 minute summer	J22	780	186.233	0.415	1.3	0.4689	0.0000	SURCHARGED
960 minute summer	J23	795	186.231	0.448	1.6	0.5070	0.0000	SURCHARGED
960 minute summer	J24	795	186.230	0.580	2.7	0.6563	0.0000	SURCHARGED
960 minute summer	J25	780	186.235	0.620	3.0	0.7017	0.0000	SURCHARGED
960 minute summer	J26	780	186.230	0.643	3.4	0.7271	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J12	1.013	J13	6.9	0.663	0.103	0.0686
960 minute summer	J13	1.014	J14	7.2	0.505	0.229	0.0270
960 minute summer	J14	1.015	J15	7.5	0.580	0.240	0.0247
960 minute summer	J15	1.016	J16	7.8	0.741	0.254	0.0539
960 minute summer	J16	1.017	J17	8.1	0.974	0.134	0.0279
960 minute summer	J17	1.018	S3	8.4	0.974	0.058	0.0166
960 minute summer	J18	1.020	J19	9.6	1.628	0.074	0.0204
960 minute summer	J19	1.021	S4	10.0	0.647	0.182	0.2292
960 minute summer	J20	23.002	J21	0.6	0.387	0.095	0.0295
960 minute summer	J21	23.003	J22	0.9	0.460	0.159	0.0627
960 minute summer	J22	23.004	J23	1.3	0.533	0.226	0.0281
960 minute summer	J23	23.005	S18	1.5	0.621	0.262	0.0587
960 minute summer	J24	23.007	J25	2.7	0.498	0.201	0.1088
960 minute summer	J25	23.008	J26	3.0	0.513	0.226	0.0874
960 minute summer	J26	23.009	S19	3.3	0.585	0.245	0.0652

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J27	765	186.235	0.774	4.3	0.8749	0.0000	SURCHARGED
960 minute summer	J28	495	186.388	0.032	1.3	0.0366	0.0000	OK
960 minute summer	J29	495	186.309	0.037	1.6	0.0424	0.0000	OK
960 minute summer	J30	495	186.193	0.046	2.4	0.0523	0.0000	OK
960 minute summer	J31	495	186.167	0.048	2.8	0.0544	0.0000	OK
960 minute summer	J32	495	186.116	0.052	3.2	0.0584	0.0000	OK
960 minute summer	J33	495	185.646	0.036	4.4	0.0403	0.0000	OK
960 minute summer	J34	495	185.185	0.060	5.6	0.0681	0.0000	OK
960 minute summer	J35	495	185.114	0.039	5.9	0.0444	0.0000	OK
960 minute summer	J36	495	184.941	0.066	6.3	0.0747	0.0000	OK
960 minute summer	J37	495	184.646	0.071	7.3	0.0804	0.0000	OK
960 minute summer	J38	495	184.459	0.084	8.0	0.0950	0.0000	OK
960 minute summer	J39	495	184.422	0.084	8.4	0.0949	0.0000	OK
960 minute summer	J40	495	184.397	0.072	8.7	0.0819	0.0000	OK
960 minute summer	J41	510	184.621	0.024	0.7	0.0274	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J27	23.011	S4	4.1	0.504	0.138	0.0951
960 minute summer	J28	32.001	J29	1.3	0.534	0.219	0.0215
960 minute summer	J29	32.002	S12	1.6	0.620	0.269	0.0120
960 minute summer	J30	32.004	J31	2.4	0.502	0.179	0.0236
960 minute summer	J31	32.005	J32	2.8	0.540	0.208	0.0498
960 minute summer	J32	32.006	S13	3.2	0.751	0.242	0.0229
960 minute summer	J33	32.008	S14	4.4	0.886	0.124	0.0460
960 minute summer	J34	32.010	J35	5.6	0.866	0.146	0.0593
960 minute summer	J35	32.011	J36	5.9	0.840	0.066	0.0492
960 minute summer	J36	32.012	S15	6.0	0.846	0.202	0.0174
960 minute summer	J37	32.014	S16	7.3	1.012	0.240	0.0384
960 minute summer	J38	32.016	J39	8.0	0.591	0.264	0.1460
960 minute summer	J39	32.017	J40	8.4	0.684	0.272	0.0448
960 minute summer	J40	32.018	S10	8.7	0.822	0.201	0.1010
960 minute summer	J41	48.002	J42	0.7	0.436	0.125	0.0107

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J42	510	184.567	0.030	1.1	0.0340	0.0000	OK
960 minute summer	J43	495	184.406	0.046	2.1	0.0517	0.0000	OK
960 minute summer	J44	495	184.394	0.044	2.5	0.0499	0.0000	OK
960 minute summer	J45	495	184.358	0.057	2.9	0.0650	0.0000	OK
960 minute summer	J46	495	184.334	0.062	3.9	0.0701	0.0000	OK
960 minute summer	J47	495	184.311	0.063	4.2	0.0718	0.0000	OK
960 minute summer	J48	915	184.264	0.110	5.2	0.1246	0.0000	OK
960 minute summer	J49	795	184.266	0.137	5.6	0.1545	0.0000	OK
960 minute summer	J50	795	184.265	0.140	6.0	0.1578	0.0000	OK
960 minute summer	J51	915	184.266	0.158	6.3	0.1786	0.0000	OK
960 minute summer	J52	975	184.269	0.165	6.8	0.1870	0.0000	OK
960 minute summer	J53	915	184.261	0.174	7.1	0.1972	0.0000	OK
960 minute summer	J54	495	185.007	0.028	0.9	0.0313	0.0000	OK
960 minute summer	J55	495	184.977	0.033	1.3	0.0369	0.0000	OK
960 minute summer	J56	915	184.262	0.295	10.3	0.3340	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J42	48.003	S21	1.1	0.486	0.193	0.0194
960 minute summer	J43	48.005	J44	2.1	0.474	0.150	0.0071
960 minute summer	J44	48.006	J45	2.5	0.474	0.186	0.0462
960 minute summer	J45	48.007	S22	2.9	0.438	0.212	0.0156
960 minute summer	J46	48.009	J47	3.9	0.553	0.289	0.0294
960 minute summer	J47	48.010	S23	4.2	0.627	0.312	0.0175
960 minute summer	J48	48.012	J49	5.2	0.432	0.174	0.1647
960 minute summer	J49	48.013	J50	5.6	0.430	0.182	0.0290
960 minute summer	J50	48.014	J51	6.0	0.452	0.200	0.1403
960 minute summer	J51	48.015	J52	6.3	0.473	0.205	0.0335
960 minute summer	J52	48.016	J53	6.8	0.551	0.224	0.1558
960 minute summer	J53	48.017	S24	7.1	0.640	0.236	0.3659
960 minute summer	J54	65.002	J55	0.9	0.447	0.150	0.0072
960 minute summer	J55	65.003	S24	1.3	0.589	0.216	0.0170
960 minute summer	J56	48.019	J57	10.3	0.527	0.190	0.6386

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Results for 100 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J57	855	184.261	0.316	10.6	0.3578	0.0000	SURCHARGED
960 minute summer	BASIN 1	780	186.230	1.230	14.2	169.9903	0.0000	SURCHARGED
960 minute summer	BASIN 2	1170	184.864	0.564	1.6	57.0934	0.0000	OK
960 minute summer	BASIN 3	1200	183.304	0.204	9.7	143.7187	0.0000	OK
960 minute summer	BASIN 4	960	184.259	0.929	10.6	138.2516	0.0000	SURCHARGED
960 minute summer	SWALE 1	780	184.967	0.035	1.6	0.0396	0.0000	OK
960 minute summer	SWALE 2	1185	184.484	0.034	1.4	0.0388	0.0000	OK
960 minute summer	SWALE 3	495	184.146	0.076	9.7	0.0864	0.0000	OK
960 minute summer	BH1	1170	184.864	0.787	0.4	3.0840	0.0000	OK
960 minute summer	BH2	1200	183.304	0.252	0.7	2.8584	0.0000	OK
960 minute summer	BH3	960	184.259	0.953	0.7	6.0516	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J57	48.020	S25	10.6	0.565	0.196	0.5574
960 minute summer	BASIN 1	1.023	S5	1.6	0.105	0.030	0.6013
960 minute summer	BASIN 2	1.027	S7	1.4	0.438	0.026	0.0693
960 minute summer	BASIN 2	71.000	BH1	0.4	0.353	0.066	0.1829
960 minute summer	BASIN 3	1.034	BH2	0.7	0.224	0.009	1.8921
960 minute summer	BASIN 4	48.022	BH3	0.7	0.252	0.013	0.7181
960 minute summer	SWALE 1	1.025	S6	1.6	0.336	0.029	0.1744
960 minute summer	SWALE 2	1.029	S8	1.4	0.423	0.026	0.0847
960 minute summer	SWALE 3	1.033	BASIN 3	9.7	0.702	0.139	0.5946
960 minute summer	BH1	Infiltration		0.1			
960 minute summer	BH2	Infiltration		0.2			
960 minute summer	BH3	Infiltration		0.2			

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S1	420	188.383	0.013	0.3	0.0172	0.0000	OK
960 minute winter	S2	525	187.103	0.064	4.7	0.0938	0.0000	OK
960 minute winter	S3	900	186.370	0.158	6.8	0.2049	0.0000	OK
960 minute winter	S4	900	186.370	0.992	10.5	1.1780	0.0000	SURCHARGED
960 minute winter	S5	900	186.370	1.390	1.9	1.5716	0.0000	SURCHARGED
960 minute winter	S6	1050	184.881	0.037	1.6	0.0416	0.0000	OK
960 minute winter	S7	1110	184.800	0.021	1.5	0.0236	0.0000	OK
960 minute winter	S8	1110	184.412	0.022	1.5	0.0248	0.0000	OK
960 minute winter	S9	1110	184.233	0.033	1.5	0.0378	0.0000	OK
960 minute winter	S10	510	184.227	0.043	7.2	0.0656	0.0000	OK
960 minute winter	S11	480	186.426	0.026	0.8	0.0419	0.0000	OK
960 minute winter	S12	510	186.212	0.036	1.5	0.0403	0.0000	OK
960 minute winter	S13	510	186.065	0.031	2.9	0.0442	0.0000	OK
960 minute winter	S14	510	185.303	0.053	4.0	0.0826	0.0000	OK
960 minute winter	S15	510	184.903	0.036	5.2	0.0504	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	S1	1.000	J1	0.3	0.343	0.034	0.0077
960 minute winter	S2	1.012	J12	4.7	0.561	0.157	0.0125
960 minute winter	S3	1.019	J18	6.8	0.879	0.221	0.1615
960 minute winter	S4	1.022	BASIN 1	10.4	0.910	0.062	1.1778
960 minute winter	S5	1.024	SWALE 1	1.6	0.342	0.031	0.0974
960 minute winter	S6	1.026	BASIN 2	1.6	0.392	0.030	0.0274
960 minute winter	S7	1.028	SWALE 2	1.5	0.449	0.010	0.0570
960 minute winter	S8	1.030	S9	1.5	0.464	0.011	0.0393
960 minute winter	S9	1.031	S10	1.5	0.496	0.028	0.0310
960 minute winter	S10	1.032	SWALE 3	7.2	0.828	0.040	0.0383
960 minute winter	S11	32.000	J28	0.8	0.472	0.135	0.0077
960 minute winter	S12	32.003	J30	1.5	0.434	0.112	0.0176
960 minute winter	S13	32.007	J33	2.9	1.108	0.090	0.0341
960 minute winter	S14	32.009	J34	4.0	0.763	0.231	0.0275
960 minute winter	S15	32.013	J37	5.2	0.814	0.056	0.0606

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S16	510	184.587	0.030	5.7	0.0382	0.0000	OK
960 minute winter	S17	900	186.370	0.370	0.2	0.4182	0.0000	SURCHARGED
960 minute winter	S18	900	186.370	0.709	1.8	1.0013	0.0000	SURCHARGED
960 minute winter	S19	900	186.370	0.879	3.6	1.2037	0.0000	SURCHARGED
960 minute winter	S20	510	184.664	0.022	0.6	0.0270	0.0000	OK
960 minute winter	S21	510	184.492	0.033	1.3	0.0396	0.0000	OK
960 minute winter	S22	1020	184.419	0.133	2.7	0.1619	0.0000	OK
960 minute winter	S23	1080	184.434	0.276	14.0	0.3266	0.0000	SURCHARGED
960 minute winter	S24	990	184.420	0.443	7.7	0.6426	0.0000	SURCHARGED
960 minute winter	S25	945	184.416	0.490	8.1	0.5541	0.0000	SURCHARGED
960 minute winter	S26	510	185.390	0.013	0.3	0.0156	0.0000	OK
960 minute winter	FC1	555	188.353	0.103	0.3	0.1373	0.0000	SURCHARGED
960 minute winter	FC2	555	188.253	0.103	0.3	0.1377	0.0000	SURCHARGED
960 minute winter	FC3	525	188.461	0.261	0.5	0.3791	0.0000	SURCHARGED
960 minute winter	FC4	525	188.251	0.051	0.2	0.0653	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	S16	32.015	J38	5.7	0.848	0.039	0.0162
960 minute winter	S17	23.001	J20	0.2	0.265	0.033	0.0560
960 minute winter	S18	23.006	J24	1.8	0.471	0.134	0.0323
960 minute winter	S19	23.010	J27	3.9	0.420	0.131	0.3541
960 minute winter	S20	48.001	J41	0.6	0.474	0.101	0.0059
960 minute winter	S21	48.004	J43	1.3	0.587	0.220	0.0113
960 minute winter	S22	48.008	J46	2.8	0.492	0.211	0.0410
960 minute winter	S23	48.011	J48	10.2	0.416	0.330	0.0447
960 minute winter	S24	48.018	J56	7.7	0.472	0.144	0.2989
960 minute winter	S25	48.021	BASIN 4	8.1	0.609	0.146	0.2248
960 minute winter	S26	65.001	J54	0.3	0.515	0.034	0.0050
960 minute winter	FC1	2.000	J1	0.3	0.299	0.048	0.0048
960 minute winter	FC2	3.000	J2	0.3	0.198	0.050	0.0071
960 minute winter	FC3	4.000	J3	0.5	0.479	0.078	0.0097
960 minute winter	FC4	5.000	J4	0.2	0.413	0.026	0.0036

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC5	555	188.104	0.104	0.3	0.1382	0.0000	SURCHARGED
960 minute winter	FC6	510	187.900	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC7	540	187.801	0.051	0.2	0.0657	0.0000	OK
960 minute winter	FC8	555	187.851	0.101	0.3	0.1338	0.0000	SURCHARGED
960 minute winter	FC9	555	187.522	0.052	0.2	0.0670	0.0000	OK
960 minute winter	FC10	555	187.644	0.174	0.4	0.2451	0.0000	SURCHARGED
960 minute winter	FC11	525	187.424	0.104	0.3	0.1358	0.0000	SURCHARGED
960 minute winter	FC12	525	187.334	0.104	0.3	0.1359	0.0000	SURCHARGED
960 minute winter	FC13	555	187.104	0.104	0.3	0.1380	0.0000	SURCHARGED
960 minute winter	FC14	555	186.985	0.085	0.3	1.0865	0.0000	OK
960 minute winter	FC15	510	187.250	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC16	525	186.951	0.051	0.2	0.0664	0.0000	OK
960 minute winter	FC17	510	187.050	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC18	525	186.602	0.052	0.2	0.0671	0.0000	OK
960 minute winter	FC19	555	186.504	0.104	0.3	0.1381	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC5	6.000	J5	0.3	0.390	0.051	0.0032
960 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032
960 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037
960 minute winter	FC8	9.000	J8	0.3	0.550	0.031	0.0023
960 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041
960 minute winter	FC10	11.000	J10	0.4	0.460	0.060	0.0054
960 minute winter	FC11	12.000	J11	0.3	0.392	0.051	0.0059
960 minute winter	FC12	13.000	S2	0.3	0.392	0.051	0.0053
960 minute winter	FC13	14.000	J12	0.3	0.393	0.051	0.0052
960 minute winter	FC14	15.000	J13	0.3	0.380	0.045	0.0053
960 minute winter	FC15	16.000	J14	0.2	0.731	0.012	0.0013
960 minute winter	FC16	17.000	J15	0.2	0.370	0.031	0.0041
960 minute winter	FC17	18.000	J16	0.2	0.585	0.016	0.0016
960 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0040
960 minute winter	FC19	20.000	S3	0.3	0.391	0.051	0.0081

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC20	555	187.049	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC21	555	186.404	0.104	0.3	0.1381	0.0000	SURCHARGED
960 minute winter	FC22	600	186.500	0.050	0.2	0.4819	0.0000	OK
960 minute winter	FC23	900	186.370	0.070	0.2	0.0897	0.0000	OK
960 minute winter	FC24	555	186.402	0.102	0.3	0.1360	0.0000	SURCHARGED
960 minute winter	FC25	555	186.649	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC26	600	186.500	0.049	0.2	0.5003	0.0000	OK
960 minute winter	FC27	510	186.550	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC28	555	186.599	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC29	570	186.599	0.099	0.3	0.1339	0.0000	OK
960 minute winter	FC30	555	186.849	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC31	510	186.500	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC32	510	186.500	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC33	555	186.549	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC34	555	186.554	0.103	0.3	0.1377	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC20	21.000	J18	0.3	0.782	0.019	0.0017
960 minute winter	FC21	22.000	J19	0.3	0.392	0.051	0.0522
960 minute winter	FC22	23.000	S17	0.2	0.492	0.011	0.0193
960 minute winter	FC23	24.000	J20	0.2	0.362	0.032	0.0313
960 minute winter	FC24	25.000	J21	0.3	0.457	0.040	0.0316
960 minute winter	FC25	26.000	J22	0.3	0.776	0.019	0.0189
960 minute winter	FC26	27.000	J23	0.2	0.607	0.015	0.0185
960 minute winter	FC27	28.000	J24	0.2	0.755	0.011	0.0180
960 minute winter	FC28	29.000	J25	0.3	0.780	0.019	0.0174
960 minute winter	FC29	30.000	J26	0.3	0.759	0.020	0.0189
960 minute winter	FC30	31.000	J27	0.3	0.729	0.021	0.0018
960 minute winter	FC31	33.000	J28	0.2	0.230	0.022	0.0047
960 minute winter	FC32	34.000	J29	0.2	0.205	0.016	0.0052
960 minute winter	FC33	35.000	S12	0.3	0.716	0.021	0.0017
960 minute winter	FC34	36.000	J30	0.3	0.402	0.049	0.0036

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC35	555	186.549	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC36	570	186.549	0.099	0.3	0.1339	0.0000	OK
960 minute winter	FC37	540	185.971	0.171	0.4	0.2383	0.0000	SURCHARGED
960 minute winter	FC38	600	185.499	0.049	0.2	0.5890	0.0000	OK
960 minute winter	FC39	510	185.500	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC40	555	185.599	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC41	555	184.950	0.100	0.3	0.1331	0.0000	SURCHARGED
960 minute winter	FC42	555	184.701	0.101	0.3	0.1347	0.0000	SURCHARGED
960 minute winter	FC43	555	184.700	0.100	0.3	0.1330	0.0000	OK
960 minute winter	FC44	390	184.610	0.009	0.2	0.0122	0.0000	OK
960 minute winter	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
960 minute winter	FC46	555	184.874	0.174	0.4	0.2460	0.0000	SURCHARGED
960 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
960 minute winter	FC48	555	184.899	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC49	555	184.904	0.104	0.3	0.1382	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC35	37.000	J31	0.3	0.721	0.021	0.0021
960 minute winter	FC36	38.000	J32	0.3	0.774	0.019	0.0019
960 minute winter	FC37	39.000	J33	0.4	0.564	0.045	0.0047
960 minute winter	FC38	40.000	J34	0.2	0.582	0.016	0.0016
960 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014
960 minute winter	FC40	42.000	J36	0.3	0.889	0.016	0.0017
960 minute winter	FC41	43.000	J37	0.3	0.581	0.029	0.0026
960 minute winter	FC42	44.000	J38	0.3	0.508	0.035	0.0029
960 minute winter	FC43	45.000	J39	0.3	0.592	0.028	0.0022
960 minute winter	FC44	46.000	J40	0.2	0.541	0.018	0.0016
960 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
960 minute winter	FC46	48.000	S20	0.4	0.388	0.067	0.0066
960 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0033
960 minute winter	FC48	50.000	J42	0.3	0.326	0.021	0.0052
960 minute winter	FC49	51.000	S21	0.3	0.390	0.051	0.0034

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC50	555	184.904	0.104	0.3	0.1382	0.0000	SURCHARGED
960 minute winter	FC51	555	184.954	0.104	0.3	0.1381	0.0000	SURCHARGED
960 minute winter	FC52	510	185.417	0.167	0.4	0.2288	0.0000	SURCHARGED
960 minute winter	FC53	555	185.351	0.101	0.3	0.1341	0.0000	SURCHARGED
960 minute winter	FC54	510	185.300	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC55	510	185.300	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC56	555	185.449	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC57	555	185.449	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC58	510	185.400	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC59	510	185.400	0.050	0.2	0.0648	0.0000	OK
960 minute winter	FC60	555	185.449	0.099	0.3	0.1322	0.0000	OK
960 minute winter	FC61	555	185.401	0.101	0.3	0.1346	0.0000	SURCHARGED
960 minute winter	FC62	510	185.503	0.253	0.5	0.3619	0.0000	SURCHARGED
960 minute winter	FC63	540	185.452	0.052	0.2	0.0674	0.0000	OK
960 minute winter	FC64	555	185.104	0.103	0.3	0.1377	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC50	52.000	J43	0.3	0.390	0.051	0.0036
960 minute winter	FC51	55.000	S22	0.3	0.391	0.051	0.0047
960 minute winter	FC52	58.000	S23	0.4	0.614	0.039	0.0035
960 minute winter	FC53	61.000	J50	0.3	0.533	0.032	0.0024
960 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015
960 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013
960 minute winter	FC56	53.000	J44	0.3	0.765	0.019	0.0026
960 minute winter	FC57	54.000	J45	0.3	0.718	0.021	0.0027
960 minute winter	FC58	56.000	J46	0.2	0.614	0.015	0.0020
960 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0023
960 minute winter	FC60	59.000	J48	0.3	0.634	0.025	0.0031
960 minute winter	FC61	60.000	J49	0.3	0.510	0.035	0.0043
960 minute winter	FC62	63.000	J52	0.5	0.542	0.064	0.0085
960 minute winter	FC63	65.000	S26	0.2	0.338	0.034	0.0014
960 minute winter	FC64	66.000	J54	0.3	0.295	0.051	0.0023

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC65	555	185.249	0.099	0.3	0.1320	0.0000	OK
960 minute winter	FC66	555	185.103	0.103	0.3	0.1367	0.0000	SURCHARGED
960 minute winter	FC67	600	184.851	0.051	0.2	0.5287	0.0000	OK
960 minute winter	FC68	510	184.600	0.050	0.2	0.0648	0.0000	OK
960 minute winter	J1	555	188.222	0.022	0.9	0.0301	0.0000	OK
960 minute winter	J2	555	188.140	0.034	1.2	0.0389	0.0000	OK
960 minute winter	J3	525	188.083	0.037	1.7	0.0414	0.0000	OK
960 minute winter	J4	525	188.061	0.026	1.9	0.0291	0.0000	OK
960 minute winter	J5	525	187.935	0.024	2.2	0.0277	0.0000	OK
960 minute winter	J6	525	187.683	0.033	2.4	0.0377	0.0000	OK
960 minute winter	J7	525	187.645	0.045	2.6	0.0506	0.0000	OK
960 minute winter	J8	525	187.626	0.033	2.9	0.0368	0.0000	OK
960 minute winter	J9	525	187.321	0.046	3.1	0.0515	0.0000	OK
960 minute winter	J10	525	187.296	0.026	3.5	0.0296	0.0000	OK
960 minute winter	J11	525	187.159	0.038	3.8	0.0427	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC65	67.000	J55	0.3	0.329	0.016	0.0023
960 minute winter	FC66	68.000	S24	0.3	0.440	0.042	0.0014
960 minute winter	FC67	69.000	J56	0.2	0.339	0.034	0.0012
960 minute winter	FC68	70.000	J57	0.2	0.458	0.022	0.0010
960 minute winter	J1	1.001	J2	0.9	0.494	0.108	0.0092
960 minute winter	J2	1.002	J3	1.2	0.546	0.203	0.0023
960 minute winter	J3	1.003	J4	1.7	0.643	0.128	0.0052
960 minute winter	J4	1.004	J5	1.9	0.982	0.056	0.0068
960 minute winter	J5	1.005	J6	2.2	0.926	0.057	0.0135
960 minute winter	J6	1.006	J7	2.4	0.659	0.084	0.0072
960 minute winter	J7	1.007	J8	2.6	0.725	0.186	0.0041
960 minute winter	J8	1.008	J9	2.9	1.058	0.096	0.0232
960 minute winter	J9	1.009	J10	3.1	0.775	0.094	0.0050
960 minute winter	J10	1.010	J11	3.5	1.019	0.027	0.0085
960 minute winter	J11	1.011	S2	3.8	0.568	0.059	0.0365

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J12	525	186.851	0.042	5.0	0.0472	0.0000	OK
960 minute winter	J13	525	186.777	0.075	5.3	0.0846	0.0000	OK
960 minute winter	J14	525	186.767	0.072	5.5	0.0812	0.0000	OK
960 minute winter	J15	525	186.753	0.065	5.7	0.0739	0.0000	OK
960 minute winter	J16	525	186.723	0.053	5.9	0.0595	0.0000	OK
960 minute winter	J17	525	186.391	0.033	6.1	0.0374	0.0000	OK
960 minute winter	J18	900	186.370	0.176	10.1	0.1986	0.0000	OK
960 minute winter	J19	900	186.370	0.343	10.4	0.3875	0.0000	SURCHARGED
960 minute winter	J20	900	186.370	0.439	0.4	0.4960	0.0000	SURCHARGED
960 minute winter	J21	900	186.370	0.475	0.7	0.5368	0.0000	SURCHARGED
960 minute winter	J22	900	186.370	0.552	1.0	0.6239	0.0000	SURCHARGED
960 minute winter	J23	900	186.370	0.587	1.2	0.6634	0.0000	SURCHARGED
960 minute winter	J24	900	186.370	0.720	2.0	0.8139	0.0000	SURCHARGED
960 minute winter	J25	900	186.370	0.755	4.1	0.8534	0.0000	SURCHARGED
960 minute winter	J26	900	186.370	0.783	4.1	0.8851	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J12	1.013	J13	5.0	0.614	0.075	0.0536
960 minute winter	J13	1.014	J14	5.3	0.469	0.167	0.0213
960 minute winter	J14	1.015	J15	5.5	0.534	0.175	0.0196
960 minute winter	J15	1.016	J16	5.7	0.684	0.185	0.0425
960 minute winter	J16	1.017	J17	5.9	0.898	0.097	0.0219
960 minute winter	J17	1.018	S3	6.1	0.901	0.042	0.0288
960 minute winter	J18	1.020	J19	10.3	1.519	0.079	0.0544
960 minute winter	J19	1.021	S4	9.2	0.593	0.166	0.3096
960 minute winter	J20	23.002	J21	0.4	0.350	0.067	0.0295
960 minute winter	J21	23.003	J22	0.7	0.425	0.117	0.0627
960 minute winter	J22	23.004	J23	1.0	0.508	0.166	0.0281
960 minute winter	J23	23.005	S18	1.2	0.576	0.199	0.0587
960 minute winter	J24	23.007	J25	2.0	0.470	0.147	0.1088
960 minute winter	J25	23.008	J26	2.7	0.472	0.203	0.0874
960 minute winter	J26	23.009	S19	3.3	0.538	0.248	0.0652

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J27	900	186.370	0.909	5.9	1.0276	0.0000	SURCHARGED
960 minute winter	J28	495	186.384	0.028	1.0	0.0318	0.0000	OK
960 minute winter	J29	495	186.303	0.032	1.2	0.0362	0.0000	OK
960 minute winter	J30	510	186.187	0.040	1.8	0.0448	0.0000	OK
960 minute winter	J31	510	186.160	0.041	2.1	0.0469	0.0000	OK
960 minute winter	J32	510	186.108	0.044	2.4	0.0502	0.0000	OK
960 minute winter	J33	510	185.641	0.031	3.3	0.0350	0.0000	OK
960 minute winter	J34	510	185.177	0.052	4.2	0.0588	0.0000	OK
960 minute winter	J35	510	185.109	0.034	4.4	0.0383	0.0000	OK
960 minute winter	J36	510	184.931	0.056	4.7	0.0630	0.0000	OK
960 minute winter	J37	510	184.637	0.062	5.5	0.0701	0.0000	OK
960 minute winter	J38	510	184.447	0.072	6.0	0.0809	0.0000	OK
960 minute winter	J39	510	184.410	0.072	6.3	0.0812	0.0000	OK
960 minute winter	J40	510	184.387	0.062	6.5	0.0701	0.0000	OK
960 minute winter	J41	510	184.619	0.022	0.6	0.0245	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J27	23.011	S4	-3.3	0.481	-0.110	0.0951
960 minute winter	J28	32.001	J29	1.0	0.505	0.169	0.0175
960 minute winter	J29	32.002	S12	1.2	0.575	0.202	0.0097
960 minute winter	J30	32.004	J31	1.8	0.469	0.136	0.0191
960 minute winter	J31	32.005	J32	2.1	0.505	0.158	0.0405
960 minute winter	J32	32.006	S13	2.4	0.692	0.180	0.0185
960 minute winter	J33	32.008	S14	3.3	0.826	0.093	0.0369
960 minute winter	J34	32.010	J35	4.2	0.795	0.109	0.0481
960 minute winter	J35	32.011	J36	4.4	0.785	0.049	0.0390
960 minute winter	J36	32.012	S15	4.7	0.810	0.156	0.0139
960 minute winter	J37	32.014	S16	5.5	0.941	0.180	0.0312
960 minute winter	J38	32.016	J39	6.0	0.551	0.198	0.1175
960 minute winter	J39	32.017	J40	6.3	0.637	0.204	0.0361
960 minute winter	J40	32.018	S10	6.5	0.761	0.151	0.0817
960 minute winter	J41	48.002	J42	0.6	0.415	0.101	0.0090

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J42	510	184.564	0.026	0.9	0.0299	0.0000	OK
960 minute winter	J43	1080	184.429	0.069	1.6	0.0778	0.0000	OK
960 minute winter	J44	1080	184.427	0.077	1.9	0.0873	0.0000	OK
960 minute winter	J45	1080	184.420	0.120	4.9	0.1360	0.0000	OK
960 minute winter	J46	1005	184.419	0.147	2.9	0.1657	0.0000	OK
960 minute winter	J47	1080	184.426	0.178	3.6	0.2018	0.0000	SURCHARGED
960 minute winter	J48	1080	184.432	0.278	13.4	0.3142	0.0000	SURCHARGED
960 minute winter	J49	1080	184.437	0.308	8.6	0.3480	0.0000	SURCHARGED
960 minute winter	J50	1080	184.434	0.309	6.7	0.3495	0.0000	SURCHARGED
960 minute winter	J51	1125	184.451	0.343	17.6	0.3881	0.0000	SURCHARGED
960 minute winter	J52	1080	184.426	0.322	17.3	0.3640	0.0000	SURCHARGED
960 minute winter	J53	930	184.423	0.336	7.0	0.3800	0.0000	SURCHARGED
960 minute winter	J54	555	185.001	0.022	0.6	0.0252	0.0000	OK
960 minute winter	J55	555	184.971	0.027	0.9	0.0307	0.0000	OK
960 minute winter	J56	915	184.418	0.451	7.9	0.5102	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J42	48.003	S21	0.9	0.458	0.153	0.0161
960 minute winter	J43	48.005	J44	1.6	0.444	0.115	0.0137
960 minute winter	J44	48.006	J45	2.7	0.452	0.199	0.1065
960 minute winter	J45	48.007	S22	-2.2	0.423	-0.166	0.0375
960 minute winter	J46	48.009	J47	3.6	0.521	0.270	0.0740
960 minute winter	J47	48.010	S23	-3.2	0.581	-0.241	0.0465
960 minute winter	J48	48.012	J49	4.0	0.414	0.134	0.2962
960 minute winter	J49	48.013	J50	-8.6	0.411	-0.280	0.0451
960 minute winter	J50	48.014	J51	4.6	0.429	0.154	0.2018
960 minute winter	J51	48.015	J52	4.8	0.442	0.156	0.0451
960 minute winter	J52	48.016	J53	7.0	0.518	0.230	0.1938
960 minute winter	J53	48.017	S24	5.5	0.595	0.182	0.4079
960 minute winter	J54	65.002	J55	0.6	0.400	0.101	0.0055
960 minute winter	J55	65.003	S24	0.9	0.535	0.153	0.0132
960 minute winter	J56	48.019	J57	7.9	0.494	0.145	0.6398

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Results for 100 year 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.91%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J57	960	184.418	0.473	8.1	0.5354	0.0000	SURCHARGED
960 minute winter	BASIN 1	900	186.370	1.370	10.4	194.1195	0.0000	SURCHARGED
960 minute winter	BASIN 2	1110	184.866	0.566	1.6	57.2609	0.0000	OK
960 minute winter	BASIN 3	1200	183.345	0.245	7.2	172.7736	0.0000	OK
960 minute winter	BASIN 4	945	184.416	1.086	8.1	166.1759	0.0000	SURCHARGED
960 minute winter	SWALE 1	900	184.968	0.036	1.6	0.0407	0.0000	OK
960 minute winter	SWALE 2	1110	184.486	0.036	1.5	0.0403	0.0000	OK
960 minute winter	SWALE 3	510	184.136	0.066	7.2	0.0744	0.0000	OK
960 minute winter	BH1	1110	184.866	0.788	0.5	3.0881	0.0000	OK
960 minute winter	BH2	1200	183.345	0.293	0.8	3.0590	0.0000	OK
960 minute winter	BH3	945	184.416	1.110	1.1	6.7848	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J57	48.020	S25	8.1	0.526	0.150	0.5574
960 minute winter	BASIN 1	1.023	S5	1.9	0.112	0.035	0.6013
960 minute winter	BASIN 2	1.027	S7	1.5	0.451	0.028	0.0738
960 minute winter	BASIN 2	71.000	BH1	0.5	0.394	0.080	0.1829
960 minute winter	BASIN 3	1.034	BH2	0.8	0.241	0.010	2.2738
960 minute winter	BASIN 4	48.022	BH3	1.1	0.398	0.020	0.7181
960 minute winter	SWALE 1	1.025	S6	1.6	0.342	0.031	0.1811
960 minute winter	SWALE 2	1.029	S8	1.5	0.437	0.028	0.0899
960 minute winter	SWALE 3	1.033	BASIN 3	7.2	0.647	0.104	0.4803
960 minute winter	BH1	Infiltration		0.1			
960 minute winter	BH2	Infiltration		0.2			
960 minute winter	BH3	Infiltration		0.2			

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S1	720	188.383	0.013	0.3	0.0172	0.0000	OK
1440 minute summer	S2	750	187.106	0.067	5.2	0.0986	0.0000	OK
1440 minute summer	S3	750	186.285	0.073	7.6	0.0946	0.0000	OK
1440 minute summer	S4	1080	186.263	0.885	11.8	1.0514	0.0000	SURCHARGED
1440 minute summer	S5	1080	186.264	1.284	1.6	1.4521	0.0000	SURCHARGED
1440 minute summer	S6	1320	184.880	0.036	1.6	0.0406	0.0000	OK
1440 minute summer	S7	1380	184.799	0.020	1.4	0.0231	0.0000	OK
1440 minute summer	S8	1380	184.411	0.021	1.4	0.0242	0.0000	OK
1440 minute summer	S9	1380	184.233	0.033	1.4	0.0370	0.0000	OK
1440 minute summer	S10	750	184.229	0.045	7.8	0.0687	0.0000	OK
1440 minute summer	S11	750	186.426	0.026	0.8	0.0419	0.0000	OK
1440 minute summer	S12	750	186.214	0.038	1.7	0.0431	0.0000	OK
1440 minute summer	S13	750	186.066	0.032	3.1	0.0457	0.0000	OK
1440 minute summer	S14	750	185.304	0.054	4.2	0.0847	0.0000	OK
1440 minute summer	S15	750	184.904	0.037	5.5	0.0519	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	S1	1.000	J1	0.3	0.332	0.034	0.0077
1440 minute summer	S2	1.012	J12	5.2	0.574	0.173	0.0134
1440 minute summer	S3	1.019	J18	7.6	0.907	0.248	0.0438
1440 minute summer	S4	1.022	BASIN 1	11.7	0.739	0.070	1.1778
1440 minute summer	S5	1.024	SWALE 1	1.6	0.338	0.029	0.0947
1440 minute summer	S6	1.026	BASIN 2	1.6	0.387	0.029	0.0265
1440 minute summer	S7	1.028	SWALE 2	1.4	0.441	0.009	0.0552
1440 minute summer	S8	1.030	S9	1.4	0.457	0.010	0.0380
1440 minute summer	S9	1.031	S10	1.4	0.483	0.026	0.0336
1440 minute summer	S10	1.032	SWALE 3	7.8	0.844	0.043	0.0407
1440 minute summer	S11	32.000	J28	0.8	0.461	0.135	0.0080
1440 minute summer	S12	32.003	J30	1.7	0.450	0.127	0.0191
1440 minute summer	S13	32.007	J33	3.1	1.131	0.096	0.0356
1440 minute summer	S14	32.009	J34	4.2	0.772	0.241	0.0284
1440 minute summer	S15	32.013	J37	5.5	0.831	0.060	0.0629

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S16	750	184.588	0.031	6.1	0.0397	0.0000	OK
1440 minute summer	S17	1080	186.266	0.265	0.2	0.3002	0.0000	SURCHARGED
1440 minute summer	S18	1080	186.264	0.603	2.1	0.8518	0.0000	SURCHARGED
1440 minute summer	S19	1050	186.264	0.773	3.3	1.0591	0.0000	SURCHARGED
1440 minute summer	S20	750	184.664	0.022	0.6	0.0270	0.0000	OK
1440 minute summer	S21	750	184.492	0.033	1.3	0.0395	0.0000	OK
1440 minute summer	S22	750	184.340	0.054	2.8	0.0661	0.0000	OK
1440 minute summer	S23	1350	184.311	0.153	4.0	0.1811	0.0000	OK
1440 minute summer	S24	1350	184.315	0.338	8.2	0.4909	0.0000	SURCHARGED
1440 minute summer	S25	1290	184.308	0.382	8.8	0.4319	0.0000	SURCHARGED
1440 minute summer	S26	750	185.392	0.015	0.4	0.0178	0.0000	OK
1440 minute summer	FC1	780	188.353	0.103	0.3	0.1372	0.0000	SURCHARGED
1440 minute summer	FC2	780	188.253	0.103	0.3	0.1376	0.0000	SURCHARGED
1440 minute summer	FC3	750	188.448	0.248	0.5	0.3600	0.0000	SURCHARGED
1440 minute summer	FC4	750	188.300	0.100	0.3	0.1292	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	S16	32.015	J38	6.1	0.862	0.042	0.0170
1440 minute summer	S17	23.001	J20	0.3	0.284	0.052	0.0560
1440 minute summer	S18	23.006	J24	1.9	0.471	0.142	0.0323
1440 minute summer	S19	23.010	J27	4.1	0.417	0.138	0.3541
1440 minute summer	S20	48.001	J41	0.6	0.473	0.100	0.0058
1440 minute summer	S21	48.004	J43	1.3	0.587	0.219	0.0113
1440 minute summer	S22	48.008	J46	2.8	0.488	0.208	0.0140
1440 minute summer	S23	48.011	J48	4.0	0.422	0.129	0.0322
1440 minute summer	S24	48.018	J56	8.2	0.478	0.154	0.2989
1440 minute summer	S25	48.021	BASIN 4	8.8	0.624	0.159	0.2248
1440 minute summer	S26	65.001	J54	0.4	0.559	0.045	0.0060
1440 minute summer	FC1	2.000	J1	0.3	0.299	0.048	0.0048
1440 minute summer	FC2	3.000	J2	0.3	0.198	0.050	0.0071
1440 minute summer	FC3	4.000	J3	0.5	0.475	0.076	0.0095
1440 minute summer	FC4	5.000	J4	0.3	0.464	0.039	0.0047

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC5	780	188.104	0.104	0.3	0.1382	0.0000	SURCHARGED
1440 minute summer	FC6	750	187.949	0.099	0.3	0.1281	0.0000	OK
1440 minute summer	FC7	750	187.851	0.100	0.3	0.1297	0.0000	SURCHARGED
1440 minute summer	FC8	780	187.851	0.100	0.3	0.1337	0.0000	SURCHARGED
1440 minute summer	FC9	750	187.572	0.102	0.3	0.1313	0.0000	SURCHARGED
1440 minute summer	FC10	780	187.643	0.173	0.4	0.2447	0.0000	SURCHARGED
1440 minute summer	FC11	750	187.422	0.102	0.3	0.1333	0.0000	SURCHARGED
1440 minute summer	FC12	750	187.332	0.102	0.3	0.1333	0.0000	SURCHARGED
1440 minute summer	FC13	780	187.104	0.104	0.3	0.1380	0.0000	SURCHARGED
1440 minute summer	FC14	780	186.977	0.077	0.3	0.9896	0.0000	OK
1440 minute summer	FC15	750	187.298	0.098	0.3	0.1259	0.0000	OK
1440 minute summer	FC16	750	187.001	0.101	0.3	0.1305	0.0000	SURCHARGED
1440 minute summer	FC17	750	187.098	0.098	0.3	0.1259	0.0000	OK
1440 minute summer	FC18	750	186.652	0.102	0.3	0.1314	0.0000	SURCHARGED
1440 minute summer	FC19	780	186.504	0.104	0.3	0.1381	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC5	6.000	J5	0.3	0.390	0.051	0.0032
1440 minute summer	FC6	7.000	J6	0.3	0.510	0.034	0.0043
1440 minute summer	FC7	8.000	J7	0.3	0.443	0.042	0.0049
1440 minute summer	FC8	9.000	J8	0.3	0.550	0.031	0.0023
1440 minute summer	FC9	10.000	J9	0.3	0.392	0.050	0.0055
1440 minute summer	FC10	11.000	J10	0.4	0.460	0.060	0.0054
1440 minute summer	FC11	12.000	J11	0.3	0.390	0.050	0.0059
1440 minute summer	FC12	13.000	S2	0.3	0.390	0.050	0.0052
1440 minute summer	FC13	14.000	J12	0.3	0.393	0.051	0.0052
1440 minute summer	FC14	15.000	J13	0.3	0.374	0.043	0.0051
1440 minute summer	FC15	16.000	J14	0.3	0.826	0.017	0.0017
1440 minute summer	FC16	17.000	J15	0.3	0.416	0.046	0.0054
1440 minute summer	FC17	18.000	J16	0.3	0.657	0.024	0.0022
1440 minute summer	FC18	19.000	J17	0.3	0.390	0.050	0.0053
1440 minute summer	FC19	20.000	S3	0.3	0.391	0.051	0.0051

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC20	780	187.049	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC21	780	186.404	0.104	0.3	0.1380	0.0000	SURCHARGED
1440 minute summer	FC22	780	186.517	0.067	0.3	0.6512	0.0000	OK
1440 minute summer	FC23	750	186.401	0.101	0.3	0.1309	0.0000	SURCHARGED
1440 minute summer	FC24	780	186.402	0.102	0.3	0.1360	0.0000	SURCHARGED
1440 minute summer	FC25	780	186.649	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC26	780	186.516	0.066	0.3	0.6709	0.0000	OK
1440 minute summer	FC27	750	186.598	0.098	0.3	0.1259	0.0000	OK
1440 minute summer	FC28	780	186.599	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC29	780	186.599	0.099	0.3	0.1339	0.0000	OK
1440 minute summer	FC30	780	186.849	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC31	750	186.549	0.099	0.3	0.1276	0.0000	OK
1440 minute summer	FC32	750	186.548	0.098	0.3	0.1259	0.0000	OK
1440 minute summer	FC33	780	186.549	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC34	780	186.554	0.103	0.3	0.1377	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC20	21.000	J18	0.3	0.782	0.019	0.0017
1440 minute summer	FC21	22.000	J19	0.3	0.392	0.051	0.0131
1440 minute summer	FC22	23.000	S17	0.2	0.524	0.013	0.0192
1440 minute summer	FC23	24.000	J20	0.3	0.406	0.047	0.0034
1440 minute summer	FC24	25.000	J21	0.3	0.457	0.040	0.0057
1440 minute summer	FC25	26.000	J22	0.3	0.776	0.019	0.0056
1440 minute summer	FC26	27.000	J23	0.2	0.640	0.018	0.0055
1440 minute summer	FC27	28.000	J24	0.3	0.853	0.016	0.0180
1440 minute summer	FC28	29.000	J25	0.3	0.780	0.019	0.0120
1440 minute summer	FC29	30.000	J26	0.3	0.759	0.020	0.0131
1440 minute summer	FC30	31.000	J27	0.3	0.728	0.021	0.0018
1440 minute summer	FC31	33.000	J28	0.3	0.250	0.033	0.0053
1440 minute summer	FC32	34.000	J29	0.3	0.223	0.024	0.0060
1440 minute summer	FC33	35.000	S12	0.3	0.716	0.021	0.0017
1440 minute summer	FC34	36.000	J30	0.3	0.402	0.049	0.0036

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC35	780	186.549	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC36	780	186.549	0.099	0.3	0.1339	0.0000	OK
1440 minute summer	FC37	750	185.965	0.165	0.4	0.2295	0.0000	SURCHARGED
1440 minute summer	FC38	780	185.513	0.063	0.3	0.7624	0.0000	OK
1440 minute summer	FC39	750	185.548	0.098	0.3	0.1259	0.0000	OK
1440 minute summer	FC40	780	185.599	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC41	780	184.950	0.100	0.3	0.1331	0.0000	OK
1440 minute summer	FC42	780	184.701	0.101	0.3	0.1347	0.0000	SURCHARGED
1440 minute summer	FC43	780	184.700	0.100	0.3	0.1329	0.0000	OK
1440 minute summer	FC44	750	184.612	0.012	0.3	0.0149	0.0000	OK
1440 minute summer	FC45	30	184.600	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	FC46	780	184.874	0.174	0.4	0.2456	0.0000	SURCHARGED
1440 minute summer	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	FC48	780	184.899	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC49	780	184.904	0.104	0.3	0.1382	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC35	37.000	J31	0.3	0.721	0.021	0.0021
1440 minute summer	FC36	38.000	J32	0.3	0.774	0.019	0.0019
1440 minute summer	FC37	39.000	J33	0.4	0.561	0.044	0.0046
1440 minute summer	FC38	40.000	J34	0.2	0.610	0.018	0.0018
1440 minute summer	FC39	41.000	J35	0.3	0.725	0.021	0.0018
1440 minute summer	FC40	42.000	J36	0.3	0.888	0.016	0.0017
1440 minute summer	FC41	43.000	J37	0.3	0.581	0.029	0.0026
1440 minute summer	FC42	44.000	J38	0.3	0.508	0.035	0.0029
1440 minute summer	FC43	45.000	J39	0.3	0.592	0.028	0.0022
1440 minute summer	FC44	46.000	J40	0.3	0.609	0.027	0.0022
1440 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
1440 minute summer	FC46	48.000	S20	0.4	0.388	0.067	0.0066
1440 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0033
1440 minute summer	FC48	50.000	J42	0.3	0.325	0.021	0.0052
1440 minute summer	FC49	51.000	S21	0.3	0.390	0.051	0.0034

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC50	780	184.904	0.104	0.3	0.1382	0.0000	SURCHARGED
1440 minute summer	FC51	780	184.954	0.104	0.3	0.1381	0.0000	SURCHARGED
1440 minute summer	FC52	750	185.414	0.164	0.4	0.2253	0.0000	SURCHARGED
1440 minute summer	FC53	780	185.351	0.101	0.3	0.1341	0.0000	SURCHARGED
1440 minute summer	FC54	750	185.348	0.098	0.3	0.1267	0.0000	OK
1440 minute summer	FC55	750	185.348	0.098	0.3	0.1259	0.0000	OK
1440 minute summer	FC56	780	185.449	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC57	780	185.449	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC58	750	185.448	0.098	0.3	0.1259	0.0000	OK
1440 minute summer	FC59	750	185.448	0.098	0.3	0.1259	0.0000	OK
1440 minute summer	FC60	780	185.449	0.099	0.3	0.1322	0.0000	OK
1440 minute summer	FC61	780	185.401	0.101	0.3	0.1345	0.0000	SURCHARGED
1440 minute summer	FC62	750	185.497	0.247	0.5	0.3534	0.0000	SURCHARGED
1440 minute summer	FC63	750	185.502	0.102	0.3	0.1319	0.0000	SURCHARGED
1440 minute summer	FC64	780	185.104	0.103	0.3	0.1377	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC50	52.000	J43	0.3	0.390	0.051	0.0036
1440 minute summer	FC51	55.000	S22	0.3	0.391	0.051	0.0047
1440 minute summer	FC52	58.000	S23	0.4	0.613	0.039	0.0035
1440 minute summer	FC53	61.000	J50	0.3	0.533	0.032	0.0024
1440 minute summer	FC54	62.000	J51	0.3	0.589	0.028	0.0020
1440 minute summer	FC55	64.000	J53	0.3	0.741	0.020	0.0017
1440 minute summer	FC56	53.000	J44	0.3	0.765	0.019	0.0026
1440 minute summer	FC57	54.000	J45	0.3	0.718	0.021	0.0027
1440 minute summer	FC58	56.000	J46	0.3	0.689	0.022	0.0027
1440 minute summer	FC59	57.000	J47	0.3	0.640	0.025	0.0030
1440 minute summer	FC60	59.000	J48	0.3	0.634	0.025	0.0031
1440 minute summer	FC61	60.000	J49	0.3	0.510	0.035	0.0043
1440 minute summer	FC62	63.000	J52	0.5	0.540	0.063	0.0084
1440 minute summer	FC63	65.000	S26	0.3	0.392	0.050	0.0018
1440 minute summer	FC64	66.000	J54	0.3	0.286	0.051	0.0024

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC65	780	185.249	0.099	0.3	0.1319	0.0000	OK
1440 minute summer	FC66	780	185.103	0.103	0.3	0.1367	0.0000	SURCHARGED
1440 minute summer	FC67	780	184.868	0.068	0.3	0.7007	0.0000	OK
1440 minute summer	FC68	750	184.649	0.099	0.3	0.1282	0.0000	OK
1440 minute summer	J1	780	188.222	0.022	0.9	0.0301	0.0000	OK
1440 minute summer	J2	780	188.140	0.034	1.2	0.0389	0.0000	OK
1440 minute summer	J3	750	188.083	0.037	1.7	0.0413	0.0000	OK
1440 minute summer	J4	750	188.061	0.026	2.0	0.0297	0.0000	OK
1440 minute summer	J5	750	187.935	0.025	2.3	0.0282	0.0000	OK
1440 minute summer	J6	750	187.685	0.035	2.6	0.0395	0.0000	OK
1440 minute summer	J7	750	187.647	0.047	2.9	0.0533	0.0000	OK
1440 minute summer	J8	750	187.627	0.034	3.2	0.0385	0.0000	OK
1440 minute summer	J9	750	187.323	0.048	3.5	0.0544	0.0000	OK
1440 minute summer	J10	750	187.298	0.028	3.9	0.0312	0.0000	OK
1440 minute summer	J11	750	187.161	0.040	4.2	0.0449	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC65	67.000	J55	0.3	0.305	0.016	0.0024
1440 minute summer	FC66	68.000	S24	0.3	0.439	0.042	0.0014
1440 minute summer	FC67	69.000	J56	0.2	0.357	0.040	0.0014
1440 minute summer	FC68	70.000	J57	0.3	0.513	0.033	0.0013
1440 minute summer	J1	1.001	J2	0.9	0.494	0.108	0.0092
1440 minute summer	J2	1.002	J3	1.2	0.546	0.203	0.0023
1440 minute summer	J3	1.003	J4	1.7	0.633	0.127	0.0052
1440 minute summer	J4	1.004	J5	2.0	0.995	0.059	0.0070
1440 minute summer	J5	1.005	J6	2.3	0.918	0.060	0.0142
1440 minute summer	J6	1.006	J7	2.6	0.661	0.091	0.0077
1440 minute summer	J7	1.007	J8	2.9	0.748	0.206	0.0044
1440 minute summer	J8	1.008	J9	3.2	1.085	0.105	0.0247
1440 minute summer	J9	1.009	J10	3.5	0.788	0.104	0.0054
1440 minute summer	J10	1.010	J11	3.9	1.044	0.030	0.0091
1440 minute summer	J11	1.011	S2	4.2	0.579	0.065	0.0392

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J12	750	186.853	0.044	5.5	0.0493	0.0000	OK
1440 minute summer	J13	750	186.781	0.079	5.7	0.0891	0.0000	OK
1440 minute summer	J14	750	186.771	0.076	6.0	0.0858	0.0000	OK
1440 minute summer	J15	750	186.757	0.069	6.3	0.0782	0.0000	OK
1440 minute summer	J16	750	186.726	0.056	6.6	0.0634	0.0000	OK
1440 minute summer	J17	750	186.394	0.036	6.9	0.0405	0.0000	OK
1440 minute summer	J18	1080	186.263	0.069	7.9	0.0779	0.0000	OK
1440 minute summer	J19	1020	186.268	0.241	10.0	0.2729	0.0000	OK
1440 minute summer	J20	1080	186.264	0.333	0.5	0.3771	0.0000	SURCHARGED
1440 minute summer	J21	1080	186.264	0.369	0.8	0.4176	0.0000	SURCHARGED
1440 minute summer	J22	1080	186.264	0.446	1.1	0.5041	0.0000	SURCHARGED
1440 minute summer	J23	1080	186.264	0.481	1.4	0.5441	0.0000	SURCHARGED
1440 minute summer	J24	1080	186.264	0.614	2.2	0.6943	0.0000	SURCHARGED
1440 minute summer	J25	1050	186.264	0.649	2.5	0.7344	0.0000	SURCHARGED
1440 minute summer	J26	1080	186.265	0.678	2.7	0.7666	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J12	1.013	J13	5.5	0.626	0.081	0.0574
1440 minute summer	J13	1.014	J14	5.7	0.472	0.181	0.0229
1440 minute summer	J14	1.015	J15	6.0	0.543	0.192	0.0211
1440 minute summer	J15	1.016	J16	6.3	0.699	0.205	0.0462
1440 minute summer	J16	1.017	J17	6.6	0.925	0.109	0.0239
1440 minute summer	J17	1.018	S3	6.9	0.934	0.047	0.0143
1440 minute summer	J18	1.020	J19	7.9	1.557	0.061	0.0305
1440 minute summer	J19	1.021	S4	8.2	0.611	0.148	0.2677
1440 minute summer	J20	23.002	J21	0.5	0.388	0.090	0.0295
1440 minute summer	J21	23.003	J22	0.8	0.454	0.140	0.0627
1440 minute summer	J22	23.004	J23	1.1	0.523	0.189	0.0281
1440 minute summer	J23	23.005	S18	1.4	0.585	0.230	0.0587
1440 minute summer	J24	23.007	J25	2.2	0.460	0.166	0.1088
1440 minute summer	J25	23.008	J26	2.4	0.475	0.179	0.0874
1440 minute summer	J26	23.009	S19	2.6	0.540	0.195	0.0652

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J27	1110	186.263	0.802	4.8	0.9065	0.0000	SURCHARGED
1440 minute summer	J28	750	186.386	0.029	1.1	0.0333	0.0000	OK
1440 minute summer	J29	750	186.306	0.035	1.4	0.0393	0.0000	OK
1440 minute summer	J30	750	186.189	0.042	2.0	0.0474	0.0000	OK
1440 minute summer	J31	750	186.163	0.043	2.3	0.0492	0.0000	OK
1440 minute summer	J32	750	186.110	0.046	2.6	0.0522	0.0000	OK
1440 minute summer	J33	750	185.642	0.032	3.5	0.0359	0.0000	OK
1440 minute summer	J34	750	185.178	0.053	4.4	0.0603	0.0000	OK
1440 minute summer	J35	750	185.110	0.035	4.7	0.0396	0.0000	OK
1440 minute summer	J36	750	184.932	0.057	5.0	0.0649	0.0000	OK
1440 minute summer	J37	750	184.639	0.064	5.8	0.0720	0.0000	OK
1440 minute summer	J38	750	184.449	0.074	6.4	0.0840	0.0000	OK
1440 minute summer	J39	750	184.413	0.075	6.7	0.0843	0.0000	OK
1440 minute summer	J40	750	184.390	0.064	7.0	0.0729	0.0000	OK
1440 minute summer	J41	750	184.619	0.022	0.6	0.0244	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J27	23.011	S4	4.6	0.477	0.155	0.0951
1440 minute summer	J28	32.001	J29	1.1	0.506	0.185	0.0191
1440 minute summer	J29	32.002	S12	1.4	0.598	0.235	0.0109
1440 minute summer	J30	32.004	J31	2.0	0.484	0.150	0.0205
1440 minute summer	J31	32.005	J32	2.3	0.519	0.173	0.0430
1440 minute summer	J32	32.006	S13	2.6	0.710	0.195	0.0195
1440 minute summer	J33	32.008	S14	3.5	0.840	0.098	0.0382
1440 minute summer	J34	32.010	J35	4.4	0.803	0.114	0.0501
1440 minute summer	J35	32.011	J36	4.7	0.803	0.053	0.0409
1440 minute summer	J36	32.012	S15	5.0	0.827	0.167	0.0145
1440 minute summer	J37	32.014	S16	5.8	0.953	0.191	0.0325
1440 minute summer	J38	32.016	J39	6.4	0.560	0.212	0.1237
1440 minute summer	J39	32.017	J40	6.7	0.644	0.217	0.0381
1440 minute summer	J40	32.018	S10	7.0	0.776	0.162	0.0863
1440 minute summer	J41	48.002	J42	0.6	0.414	0.101	0.0090

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J42	750	184.563	0.026	0.9	0.0299	0.0000	OK
1440 minute summer	J43	750	184.399	0.039	1.6	0.0444	0.0000	OK
1440 minute summer	J44	750	184.388	0.038	1.9	0.0431	0.0000	OK
1440 minute summer	J45	750	184.349	0.049	2.2	0.0552	0.0000	OK
1440 minute summer	J46	750	184.326	0.054	3.1	0.0616	0.0000	OK
1440 minute summer	J47	1260	184.309	0.061	3.4	0.0687	0.0000	OK
1440 minute summer	J48	1230	184.308	0.154	4.3	0.1739	0.0000	OK
1440 minute summer	J49	1260	184.310	0.181	4.6	0.2051	0.0000	OK
1440 minute summer	J50	1350	184.309	0.184	4.9	0.2081	0.0000	OK
1440 minute summer	J51	1350	184.311	0.203	5.2	0.2296	0.0000	OK
1440 minute summer	J52	1290	184.310	0.206	5.7	0.2330	0.0000	OK
1440 minute summer	J53	1350	184.310	0.223	6.0	0.2518	0.0000	OK
1440 minute summer	J54	750	185.003	0.024	0.7	0.0274	0.0000	OK
1440 minute summer	J55	750	184.973	0.029	1.0	0.0324	0.0000	OK
1440 minute summer	J56	1230	184.309	0.342	8.5	0.3864	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J42	48.003	S21	0.9	0.457	0.152	0.0161
1440 minute summer	J43	48.005	J44	1.6	0.445	0.114	0.0058
1440 minute summer	J44	48.006	J45	1.9	0.449	0.142	0.0372
1440 minute summer	J45	48.007	S22	2.2	0.417	0.162	0.0127
1440 minute summer	J46	48.009	J47	3.1	0.523	0.232	0.0249
1440 minute summer	J47	48.010	S23	3.4	0.595	0.254	0.0208
1440 minute summer	J48	48.012	J49	4.3	0.420	0.143	0.2347
1440 minute summer	J49	48.013	J50	4.6	0.415	0.149	0.0391
1440 minute summer	J50	48.014	J51	4.9	0.430	0.163	0.1839
1440 minute summer	J51	48.015	J52	5.2	0.451	0.169	0.0428
1440 minute summer	J52	48.016	J53	5.7	0.524	0.186	0.1894
1440 minute summer	J53	48.017	S24	6.0	0.610	0.197	0.4076
1440 minute summer	J54	65.002	J55	0.7	0.422	0.118	0.0060
1440 minute summer	J55	65.003	S24	1.0	0.551	0.169	0.0142
1440 minute summer	J56	48.019	J57	8.5	0.501	0.156	0.6398

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Results for 100 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J57	1350	184.309	0.364	8.8	0.4111	0.0000	SURCHARGED
1440 minute summer	BASIN 1	1080	186.264	1.264	11.7	175.7990	0.0000	SURCHARGED
1440 minute summer	BASIN 2	1380	184.865	0.565	1.6	57.1685	0.0000	OK
1440 minute summer	BASIN 3	1680	183.353	0.253	7.8	178.6419	0.0000	OK
1440 minute summer	BASIN 4	1260	184.306	0.975	8.8	146.4018	0.0000	SURCHARGED
1440 minute summer	SWALE 1	1080	184.967	0.035	1.6	0.0399	0.0000	OK
1440 minute summer	SWALE 2	1380	184.485	0.035	1.4	0.0395	0.0000	OK
1440 minute summer	SWALE 3	750	184.139	0.069	7.8	0.0775	0.0000	OK
1440 minute summer	BH1	1380	184.865	0.788	0.3	3.0858	0.0000	OK
1440 minute summer	BH2	1680	183.353	0.301	0.7	3.0993	0.0000	OK
1440 minute summer	BH3	1260	184.306	0.999	0.4	6.2688	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J57	48.020	S25	8.8	0.538	0.162	0.5574
1440 minute summer	BASIN 1	1.023	S5	1.6	0.087	0.030	0.6013
1440 minute summer	BASIN 2	1.027	S7	1.4	0.444	0.027	0.0713
1440 minute summer	BASIN 2	71.000	BH1	0.3	0.333	0.044	0.1829
1440 minute summer	BASIN 3	1.034	BH2	0.7	0.162	0.008	2.3461
1440 minute summer	BASIN 4	48.022	BH3	0.4	0.194	0.008	0.7181
1440 minute summer	SWALE 1	1.025	S6	1.6	0.338	0.030	0.1761
1440 minute summer	SWALE 2	1.029	S8	1.4	0.429	0.027	0.0870
1440 minute summer	SWALE 3	1.033	BASIN 3	7.8	0.660	0.112	0.5102
1440 minute summer	BH1	Infiltration		0.1			
1440 minute summer	BH2	Infiltration		0.2			
1440 minute summer	BH3	Infiltration		0.2			

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S1	750	188.383	0.013	0.3	0.0172	0.0000	OK
1440 minute winter	S2	750	187.096	0.057	3.8	0.0842	0.0000	OK
1440 minute winter	S3	1140	186.402	0.190	5.5	0.2473	0.0000	OK
1440 minute winter	S4	1110	186.403	1.025	8.4	1.2179	0.0000	SURCHARGED
1440 minute winter	S5	1140	186.400	1.420	2.4	1.6063	0.0000	SURCHARGED
1440 minute winter	S6	1260	184.881	0.037	1.7	0.0420	0.0000	OK
1440 minute winter	S7	1320	184.800	0.021	1.5	0.0239	0.0000	OK
1440 minute winter	S8	1320	184.412	0.022	1.5	0.0251	0.0000	OK
1440 minute winter	S9	1320	184.234	0.034	1.5	0.0383	0.0000	OK
1440 minute winter	S10	750	184.222	0.038	5.7	0.0575	0.0000	OK
1440 minute winter	S11	720	186.422	0.022	0.6	0.0360	0.0000	OK
1440 minute winter	S12	750	186.208	0.032	1.2	0.0358	0.0000	OK
1440 minute winter	S13	750	186.062	0.028	2.3	0.0393	0.0000	OK
1440 minute winter	S14	750	185.296	0.046	3.1	0.0718	0.0000	OK
1440 minute winter	S15	750	184.899	0.032	4.1	0.0449	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	S1	1.000	J1	0.3	0.345	0.034	0.0073
1440 minute winter	S2	1.012	J12	3.8	0.527	0.127	0.0108
1440 minute winter	S3	1.019	J18	5.5	0.835	0.179	0.1902
1440 minute winter	S4	1.022	BASIN 1	8.4	0.698	0.050	1.1778
1440 minute winter	S5	1.024	SWALE 1	1.7	0.343	0.031	0.0982
1440 minute winter	S6	1.026	BASIN 2	1.7	0.394	0.030	0.0279
1440 minute winter	S7	1.028	SWALE 2	1.5	0.453	0.010	0.0580
1440 minute winter	S8	1.030	S9	1.5	0.467	0.011	0.0401
1440 minute winter	S9	1.031	S10	1.5	0.496	0.029	0.0245
1440 minute winter	S10	1.032	SWALE 3	5.7	0.782	0.032	0.0321
1440 minute winter	S11	32.000	J28	0.6	0.429	0.101	0.0063
1440 minute winter	S12	32.003	J30	1.2	0.416	0.090	0.0147
1440 minute winter	S13	32.007	J33	2.3	1.037	0.071	0.0288
1440 minute winter	S14	32.009	J34	3.1	0.714	0.179	0.0227
1440 minute winter	S15	32.013	J37	4.1	0.758	0.044	0.0513

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S16	750	184.584	0.027	4.5	0.0341	0.0000	OK
1440 minute winter	S17	1140	186.401	0.401	0.2	0.4534	0.0000	SURCHARGED
1440 minute winter	S18	1140	186.400	0.739	1.5	1.0445	0.0000	SURCHARGED
1440 minute winter	S19	1140	186.400	0.909	2.4	1.2457	0.0000	SURCHARGED
1440 minute winter	S20	840	184.660	0.018	0.4	0.0220	0.0000	OK
1440 minute winter	S21	840	184.486	0.027	0.9	0.0325	0.0000	OK
1440 minute winter	S22	1410	184.460	0.174	4.5	0.2130	0.0000	SURCHARGED
1440 minute winter	S23	1170	184.484	0.326	25.6	0.3851	0.0000	SURCHARGED
1440 minute winter	S24	1290	184.446	0.469	9.6	0.6805	0.0000	SURCHARGED
1440 minute winter	S25	1410	184.443	0.517	8.3	0.5851	0.0000	SURCHARGED
1440 minute winter	S26	780	185.390	0.013	0.3	0.0156	0.0000	OK
1440 minute winter	FC1	750	188.302	0.052	0.2	0.0686	0.0000	OK
1440 minute winter	FC2	720	188.202	0.052	0.2	0.0689	0.0000	OK
1440 minute winter	FC3	780	188.374	0.174	0.4	0.2519	0.0000	SURCHARGED
1440 minute winter	FC4	780	188.251	0.051	0.2	0.0653	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	S16	32.015	J38	4.5	0.802	0.031	0.0135
1440 minute winter	S17	23.001	J20	0.2	0.259	0.033	0.0560
1440 minute winter	S18	23.006	J24	1.4	0.414	0.102	0.0323
1440 minute winter	S19	23.010	J27	3.4	0.396	0.113	0.3541
1440 minute winter	S20	48.001	J41	0.4	0.424	0.067	0.0044
1440 minute winter	S21	48.004	J43	0.9	0.532	0.152	0.0088
1440 minute winter	S22	48.008	J46	-4.5	0.451	-0.335	0.0428
1440 minute winter	S23	48.011	J48	-25.6	-0.645	-0.832	0.0447
1440 minute winter	S24	48.018	J56	-9.5	0.440	-0.178	0.2989
1440 minute winter	S25	48.021	BASIN 4	10.3	0.568	0.187	0.2248
1440 minute winter	S26	65.001	J54	0.3	0.515	0.034	0.0050
1440 minute winter	FC1	2.000	J1	0.2	0.265	0.032	0.0042
1440 minute winter	FC2	3.000	J2	0.2	0.179	0.034	0.0060
1440 minute winter	FC3	4.000	J3	0.4	0.449	0.063	0.0083
1440 minute winter	FC4	5.000	J4	0.2	0.413	0.026	0.0036

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC5	720	188.052	0.052	0.2	0.0693	0.0000	OK
1440 minute winter	FC6	780	187.900	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC7	810	187.801	0.051	0.2	0.0657	0.0000	OK
1440 minute winter	FC8	720	187.800	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC9	810	187.522	0.052	0.2	0.0670	0.0000	OK
1440 minute winter	FC10	840	187.573	0.103	0.3	0.1452	0.0000	SURCHARGED
1440 minute winter	FC11	780	187.372	0.052	0.2	0.0681	0.0000	OK
1440 minute winter	FC12	750	187.282	0.052	0.2	0.0681	0.0000	OK
1440 minute winter	FC13	720	187.052	0.052	0.2	0.0691	0.0000	OK
1440 minute winter	FC14	900	186.951	0.051	0.2	0.6571	0.0000	OK
1440 minute winter	FC15	780	187.250	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC16	780	186.951	0.051	0.2	0.0664	0.0000	OK
1440 minute winter	FC17	780	187.050	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC18	780	186.602	0.052	0.2	0.0671	0.0000	OK
1440 minute winter	FC19	720	186.452	0.052	0.2	0.0692	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC5	6.000	J5	0.2	0.346	0.034	0.0024
1440 minute winter	FC6	7.000	J6	0.2	0.453	0.023	0.0032
1440 minute winter	FC7	8.000	J7	0.2	0.394	0.028	0.0037
1440 minute winter	FC8	9.000	J8	0.2	0.488	0.021	0.0017
1440 minute winter	FC9	10.000	J9	0.2	0.349	0.034	0.0041
1440 minute winter	FC10	11.000	J10	0.3	0.424	0.045	0.0044
1440 minute winter	FC11	12.000	J11	0.2	0.347	0.034	0.0045
1440 minute winter	FC12	13.000	S2	0.2	0.347	0.034	0.0040
1440 minute winter	FC13	14.000	J12	0.2	0.348	0.034	0.0039
1440 minute winter	FC14	15.000	J13	0.2	0.348	0.034	0.0043
1440 minute winter	FC15	16.000	J14	0.2	0.731	0.012	0.0013
1440 minute winter	FC16	17.000	J15	0.2	0.370	0.031	0.0041
1440 minute winter	FC17	18.000	J16	0.2	0.585	0.016	0.0016
1440 minute winter	FC18	19.000	J17	0.2	0.347	0.034	0.0040
1440 minute winter	FC19	20.000	S3	0.2	0.347	0.034	0.0181

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC20	720	187.000	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC21	1110	186.407	0.106	0.2	0.1417	0.0000	SURCHARGED
1440 minute winter	FC22	840	186.500	0.049	0.2	0.4811	0.0000	OK
1440 minute winter	FC23	1140	186.400	0.100	0.2	0.1295	0.0000	SURCHARGED
1440 minute winter	FC24	1110	186.408	0.107	0.2	0.1430	0.0000	SURCHARGED
1440 minute winter	FC25	720	186.600	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC26	840	186.499	0.049	0.2	0.4993	0.0000	OK
1440 minute winter	FC27	780	186.550	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC28	720	186.550	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC29	750	186.597	0.097	0.3	0.1314	0.0000	OK
1440 minute winter	FC30	720	186.800	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC31	780	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC32	780	186.500	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC33	720	186.500	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC34	720	186.502	0.052	0.2	0.0689	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC20	21.000	J18	0.2	0.692	0.012	0.0013
1440 minute winter	FC21	22.000	J19	0.2	0.347	0.034	0.0598
1440 minute winter	FC22	23.000	S17	0.2	0.491	0.011	0.0193
1440 minute winter	FC23	24.000	J20	0.2	0.362	0.032	0.0359
1440 minute winter	FC24	25.000	J21	0.2	0.405	0.027	0.0363
1440 minute winter	FC25	26.000	J22	0.2	0.687	0.013	0.0189
1440 minute winter	FC26	27.000	J23	0.2	0.607	0.015	0.0185
1440 minute winter	FC27	28.000	J24	0.2	0.755	0.011	0.0180
1440 minute winter	FC28	29.000	J25	0.2	0.691	0.012	0.0174
1440 minute winter	FC29	30.000	J26	0.3	0.756	0.019	0.0189
1440 minute winter	FC30	31.000	J27	0.2	0.646	0.014	0.0014
1440 minute winter	FC31	33.000	J28	0.2	0.231	0.022	0.0041
1440 minute winter	FC32	34.000	J29	0.2	0.207	0.016	0.0046
1440 minute winter	FC33	35.000	S12	0.2	0.636	0.014	0.0013
1440 minute winter	FC34	36.000	J30	0.2	0.357	0.032	0.0027

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC35	720	186.500	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC36	750	186.547	0.097	0.3	0.1314	0.0000	OK
1440 minute winter	FC37	840	185.901	0.101	0.3	0.1405	0.0000	SURCHARGED
1440 minute winter	FC38	840	185.499	0.049	0.2	0.5874	0.0000	OK
1440 minute winter	FC39	780	185.500	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC40	720	185.550	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC41	720	184.900	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC42	720	184.650	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC43	720	184.650	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC44	660	184.610	0.009	0.2	0.0122	0.0000	OK
1440 minute winter	FC45	30	184.600	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	FC46	840	184.803	0.103	0.3	0.1460	0.0000	SURCHARGED
1440 minute winter	FC47	30	184.750	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	FC48	720	184.850	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC49	720	184.852	0.052	0.2	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC35	37.000	J31	0.2	0.639	0.014	0.0016
1440 minute winter	FC36	38.000	J32	0.3	0.771	0.019	0.0019
1440 minute winter	FC37	39.000	J33	0.3	0.519	0.034	0.0038
1440 minute winter	FC38	40.000	J34	0.2	0.582	0.016	0.0016
1440 minute winter	FC39	41.000	J35	0.2	0.645	0.014	0.0014
1440 minute winter	FC40	42.000	J36	0.2	0.783	0.010	0.0013
1440 minute winter	FC41	43.000	J37	0.2	0.516	0.019	0.0020
1440 minute winter	FC42	44.000	J38	0.2	0.450	0.023	0.0022
1440 minute winter	FC43	45.000	J39	0.2	0.526	0.019	0.0016
1440 minute winter	FC44	46.000	J40	0.2	0.541	0.018	0.0016
1440 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
1440 minute winter	FC46	48.000	S20	0.3	0.350	0.051	0.0051
1440 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0024
1440 minute winter	FC48	50.000	J42	0.2	0.299	0.014	0.0039
1440 minute winter	FC49	51.000	S21	0.2	0.346	0.034	0.0025

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC50	750	184.852	0.052	0.2	0.0692	0.0000	OK
1440 minute winter	FC51	720	184.902	0.052	0.2	0.0692	0.0000	OK
1440 minute winter	FC52	810	185.350	0.100	0.3	0.1374	0.0000	SURCHARGED
1440 minute winter	FC53	720	185.300	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC54	780	185.300	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC55	780	185.300	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC56	720	185.400	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC57	720	185.400	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC58	780	185.400	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC59	780	185.400	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	FC60	720	185.400	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC61	720	185.350	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC62	750	185.416	0.166	0.4	0.2369	0.0000	SURCHARGED
1440 minute winter	FC63	810	185.452	0.052	0.2	0.0674	0.0000	OK
1440 minute winter	FC64	720	185.052	0.052	0.2	0.0690	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC50	52.000	J43	0.2	0.346	0.034	0.0027
1440 minute winter	FC51	55.000	S22	0.2	0.347	0.034	0.0035
1440 minute winter	FC52	58.000	S23	0.3	0.566	0.030	0.0029
1440 minute winter	FC53	61.000	J50	0.2	0.473	0.022	0.0018
1440 minute winter	FC54	62.000	J51	0.2	0.524	0.019	0.0015
1440 minute winter	FC55	64.000	J53	0.2	0.659	0.013	0.0013
1440 minute winter	FC56	53.000	J44	0.2	0.677	0.013	0.0019
1440 minute winter	FC57	54.000	J45	0.2	0.637	0.014	0.0020
1440 minute winter	FC58	56.000	J46	0.2	0.614	0.015	0.0020
1440 minute winter	FC59	57.000	J47	0.2	0.569	0.017	0.0023
1440 minute winter	FC60	59.000	J48	0.2	0.563	0.017	0.0023
1440 minute winter	FC61	60.000	J49	0.2	0.452	0.023	0.0033
1440 minute winter	FC62	63.000	J52	0.4	0.508	0.051	0.0072
1440 minute winter	FC63	65.000	S26	0.2	0.338	0.034	0.0014
1440 minute winter	FC64	66.000	J54	0.2	0.270	0.034	0.0019

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC65	720	185.200	0.050	0.2	0.0668	0.0000	OK
1440 minute winter	FC66	720	185.051	0.051	0.2	0.0680	0.0000	OK
1440 minute winter	FC67	840	184.851	0.051	0.2	0.5273	0.0000	OK
1440 minute winter	FC68	780	184.600	0.050	0.2	0.0648	0.0000	OK
1440 minute winter	J1	750	188.221	0.021	0.8	0.0284	0.0000	OK
1440 minute winter	J2	750	188.137	0.031	1.0	0.0352	0.0000	OK
1440 minute winter	J3	750	188.079	0.033	1.4	0.0377	0.0000	OK
1440 minute winter	J4	750	188.059	0.024	1.6	0.0266	0.0000	OK
1440 minute winter	J5	750	187.932	0.022	1.8	0.0251	0.0000	OK
1440 minute winter	J6	750	187.680	0.030	2.0	0.0339	0.0000	OK
1440 minute winter	J7	750	187.641	0.041	2.2	0.0464	0.0000	OK
1440 minute winter	J8	750	187.623	0.030	2.4	0.0334	0.0000	OK
1440 minute winter	J9	750	187.317	0.042	2.6	0.0471	0.0000	OK
1440 minute winter	J10	750	187.294	0.024	2.9	0.0269	0.0000	OK
1440 minute winter	J11	750	187.155	0.034	3.1	0.0383	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC65	67.000	J55	0.2	0.285	0.011	0.0019
1440 minute winter	FC66	68.000	S24	0.2	0.391	0.028	0.0011
1440 minute winter	FC67	69.000	J56	0.2	0.339	0.033	0.0012
1440 minute winter	FC68	70.000	J57	0.2	0.458	0.022	0.0010
1440 minute winter	J1	1.001	J2	0.8	0.494	0.096	0.0082
1440 minute winter	J2	1.002	J3	1.0	0.520	0.169	0.0020
1440 minute winter	J3	1.003	J4	1.4	0.604	0.105	0.0045
1440 minute winter	J4	1.004	J5	1.6	0.946	0.048	0.0060
1440 minute winter	J5	1.005	J6	1.8	0.880	0.047	0.0117
1440 minute winter	J6	1.006	J7	2.0	0.629	0.070	0.0063
1440 minute winter	J7	1.007	J8	2.2	0.698	0.158	0.0036
1440 minute winter	J8	1.008	J9	2.4	1.004	0.079	0.0202
1440 minute winter	J9	1.009	J10	2.6	0.734	0.078	0.0044
1440 minute winter	J10	1.010	J11	2.9	0.983	0.022	0.0073
1440 minute winter	J11	1.011	S2	3.1	0.541	0.048	0.0313

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J12	750	186.846	0.037	4.0	0.0420	0.0000	OK
1440 minute winter	J13	750	186.768	0.066	4.2	0.0749	0.0000	OK
1440 minute winter	J14	750	186.759	0.064	4.4	0.0726	0.0000	OK
1440 minute winter	J15	750	186.747	0.059	4.6	0.0665	0.0000	OK
1440 minute winter	J16	750	186.717	0.047	4.8	0.0534	0.0000	OK
1440 minute winter	J17	1110	186.404	0.046	5.0	0.0515	0.0000	OK
1440 minute winter	J18	1140	186.402	0.208	5.7	0.2354	0.0000	OK
1440 minute winter	J19	1140	186.407	0.380	7.4	0.4292	0.0000	SURCHARGED
1440 minute winter	J20	1140	186.401	0.470	0.4	0.5312	0.0000	SURCHARGED
1440 minute winter	J21	1140	186.401	0.506	0.6	0.5718	0.0000	SURCHARGED
1440 minute winter	J22	1140	186.400	0.582	0.8	0.6582	0.0000	SURCHARGED
1440 minute winter	J23	1140	186.400	0.617	1.0	0.6978	0.0000	SURCHARGED
1440 minute winter	J24	1140	186.400	0.750	1.6	0.8485	0.0000	SURCHARGED
1440 minute winter	J25	1140	186.400	0.785	2.0	0.8879	0.0000	SURCHARGED
1440 minute winter	J26	1110	186.406	0.819	2.0	0.9259	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J12	1.013	J13	4.0	0.582	0.060	0.0453
1440 minute winter	J13	1.014	J14	4.2	0.440	0.134	0.0181
1440 minute winter	J14	1.015	J15	4.4	0.500	0.141	0.0168
1440 minute winter	J15	1.016	J16	4.6	0.645	0.150	0.0366
1440 minute winter	J16	1.017	J17	4.8	0.852	0.080	0.0189
1440 minute winter	J17	1.018	S3	5.0	0.865	0.034	0.0387
1440 minute winter	J18	1.020	J19	7.2	1.446	0.056	0.0582
1440 minute winter	J19	1.021	S4	5.9	0.559	0.107	0.3096
1440 minute winter	J20	23.002	J21	0.4	0.363	0.067	0.0295
1440 minute winter	J21	23.003	J22	0.6	0.419	0.100	0.0627
1440 minute winter	J22	23.004	J23	0.8	0.472	0.132	0.0281
1440 minute winter	J23	23.005	S18	1.0	0.545	0.165	0.0587
1440 minute winter	J24	23.007	J25	1.5	0.454	0.116	0.1088
1440 minute winter	J25	23.008	J26	1.7	0.450	0.130	0.0874
1440 minute winter	J26	23.009	S19	1.9	0.507	0.142	0.0652

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J27	1110	186.404	0.943	3.5	1.0670	0.0000	SURCHARGED
1440 minute winter	J28	750	186.381	0.025	0.8	0.0282	0.0000	OK
1440 minute winter	J29	750	186.300	0.029	1.0	0.0328	0.0000	OK
1440 minute winter	J30	780	186.182	0.035	1.4	0.0391	0.0000	OK
1440 minute winter	J31	780	186.155	0.036	1.6	0.0405	0.0000	OK
1440 minute winter	J32	750	186.104	0.039	1.9	0.0447	0.0000	OK
1440 minute winter	J33	750	185.638	0.027	2.6	0.0311	0.0000	OK
1440 minute winter	J34	750	185.171	0.046	3.3	0.0522	0.0000	OK
1440 minute winter	J35	750	185.105	0.030	3.5	0.0343	0.0000	OK
1440 minute winter	J36	750	184.925	0.050	3.7	0.0561	0.0000	OK
1440 minute winter	J37	750	184.630	0.055	4.3	0.0623	0.0000	OK
1440 minute winter	J38	750	184.438	0.063	4.7	0.0707	0.0000	OK
1440 minute winter	J39	750	184.401	0.063	4.9	0.0712	0.0000	OK
1440 minute winter	J40	750	184.380	0.054	5.1	0.0616	0.0000	OK
1440 minute winter	J41	840	184.615	0.018	0.4	0.0199	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J27	23.011	S4	4.4	0.458	0.147	0.0951
1440 minute winter	J28	32.001	J29	0.8	0.470	0.135	0.0150
1440 minute winter	J29	32.002	S12	1.0	0.548	0.169	0.0085
1440 minute winter	J30	32.004	J31	1.4	0.446	0.106	0.0157
1440 minute winter	J31	32.005	J32	1.6	0.471	0.120	0.0336
1440 minute winter	J32	32.006	S13	1.9	0.646	0.143	0.0157
1440 minute winter	J33	32.008	S14	2.6	0.782	0.073	0.0306
1440 minute winter	J34	32.010	J35	3.3	0.737	0.085	0.0407
1440 minute winter	J35	32.011	J36	3.5	0.734	0.039	0.0331
1440 minute winter	J36	32.012	S15	3.7	0.754	0.123	0.0118
1440 minute winter	J37	32.014	S16	4.3	0.868	0.141	0.0264
1440 minute winter	J38	32.016	J39	4.7	0.519	0.155	0.0977
1440 minute winter	J39	32.017	J40	4.9	0.594	0.159	0.0301
1440 minute winter	J40	32.018	S10	5.1	0.712	0.118	0.0684
1440 minute winter	J41	48.002	J42	0.4	0.371	0.067	0.0067

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J42	840	184.559	0.022	0.6	0.0244	0.0000	OK
1440 minute winter	J43	1320	184.452	0.092	1.1	0.1040	0.0000	OK
1440 minute winter	J44	1320	184.451	0.101	1.9	0.1140	0.0000	OK
1440 minute winter	J45	1350	184.459	0.159	4.6	0.1797	0.0000	SURCHARGED
1440 minute winter	J46	1410	184.462	0.190	5.9	0.2153	0.0000	SURCHARGED
1440 minute winter	J47	1170	184.467	0.219	4.0	0.2472	0.0000	SURCHARGED
1440 minute winter	J48	1350	184.454	0.300	10.8	0.3389	0.0000	SURCHARGED
1440 minute winter	J49	1560	184.482	0.353	37.5	0.3994	0.0000	SURCHARGED
1440 minute winter	J50	1320	184.451	0.326	13.4	0.3687	0.0000	SURCHARGED
1440 minute winter	J51	1560	184.515	0.407	82.0	0.4607	0.0000	SURCHARGED
1440 minute winter	J52	1380	184.452	0.348	23.5	0.3936	0.0000	SURCHARGED
1440 minute winter	J53	1380	184.447	0.360	12.5	0.4075	0.0000	SURCHARGED
1440 minute winter	J54	780	184.999	0.020	0.5	0.0230	0.0000	OK
1440 minute winter	J55	810	184.968	0.024	0.7	0.0269	0.0000	OK
1440 minute winter	J56	1290	184.450	0.483	7.5	0.5465	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J42	48.003	S21	0.6	0.405	0.102	0.0122
1440 minute winter	J43	48.005	J44	1.8	0.405	0.131	0.0192
1440 minute winter	J44	48.006	J45	3.6	0.417	0.268	0.1318
1440 minute winter	J45	48.007	S22	-3.1	0.396	-0.230	0.0419
1440 minute winter	J46	48.009	J47	-5.9	0.478	-0.439	0.0742
1440 minute winter	J47	48.010	S23	-4.0	0.537	-0.297	0.0465
1440 minute winter	J48	48.012	J49	9.5	0.394	0.316	0.2962
1440 minute winter	J49	48.013	J50	-36.3	-0.913	-1.184	0.0451
1440 minute winter	J50	48.014	J51	15.2	0.399	0.508	0.2018
1440 minute winter	J51	48.015	J52	-64.5	-1.622	-2.104	0.0451
1440 minute winter	J52	48.016	J53	8.7	0.477	0.285	0.1938
1440 minute winter	J53	48.017	S24	-9.2	0.551	-0.305	0.4079
1440 minute winter	J54	65.002	J55	0.5	0.391	0.084	0.0047
1440 minute winter	J55	65.003	S24	0.7	0.499	0.119	0.0110
1440 minute winter	J56	48.019	J57	-7.5	0.461	-0.138	0.6398

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Results for 100 year 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.98%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J57	1290	184.446	0.501	8.3	0.5670	0.0000	SURCHARGED
1440 minute winter	BASIN 1	1140	186.400	1.400	8.4	199.5576	0.0000	SURCHARGED
1440 minute winter	BASIN 2	1320	184.866	0.566	1.7	57.3141	0.0000	OK
1440 minute winter	BASIN 3	1680	183.396	0.296	5.7	209.9242	0.0000	OK
1440 minute winter	BASIN 4	1380	184.443	1.113	10.9	171.0847	0.0000	SURCHARGED
1440 minute winter	SWALE 1	1140	184.968	0.036	1.7	0.0409	0.0000	OK
1440 minute winter	SWALE 2	1320	184.486	0.036	1.5	0.0408	0.0000	OK
1440 minute winter	SWALE 3	750	184.129	0.058	5.7	0.0662	0.0000	OK
1440 minute winter	BH1	1320	184.866	0.789	0.3	3.0894	0.0000	OK
1440 minute winter	BH2	1680	183.396	0.344	0.5	3.3135	0.0000	OK
1440 minute winter	BH3	1440	184.443	1.137	1.3	6.9118	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J57	48.020	S25	-8.3	0.490	-0.154	0.5574
1440 minute winter	BASIN 1	1.023	S5	2.4	0.108	0.045	0.6013
1440 minute winter	BASIN 2	1.027	S7	1.5	0.455	0.029	0.0752
1440 minute winter	BASIN 2	71.000	BH1	0.3	0.354	0.052	0.1829
1440 minute winter	BASIN 3	1.034	BH2	0.5	0.182	0.007	2.6895
1440 minute winter	BASIN 4	48.022	BH3	1.3	0.248	0.025	0.7181
1440 minute winter	SWALE 1	1.025	S6	1.7	0.343	0.031	0.1833
1440 minute winter	SWALE 2	1.029	S8	1.5	0.441	0.029	0.0916
1440 minute winter	SWALE 3	1.033	BASIN 3	5.7	0.606	0.082	0.4052
1440 minute winter	BH1	Infiltration		0.1			
1440 minute winter	BH2	Infiltration		0.2			
1440 minute winter	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S1	12	188.548	0.178	6.0	0.2403	0.0000	SURCHARGED
15 minute summer	S2	11	187.208	0.169	28.0	0.2486	0.0000	OK
15 minute summer	S3	12	186.393	0.181	38.4	0.2354	0.0000	OK
15 minute summer	S4	93	185.653	0.275	68.0	0.3263	0.0000	OK
15 minute summer	S5	93	185.653	0.673	4.1	0.7607	0.0000	SURCHARGED
15 minute summer	S6	97	184.875	0.031	1.1	0.0347	0.0000	OK
15 minute summer	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S9	12	184.353	0.153	2.0	0.1729	0.0000	OK
15 minute summer	S10	12	184.353	0.169	58.2	0.2575	0.0000	OK
15 minute summer	S11	12	186.962	0.562	13.7	0.9168	0.0000	SURCHARGED
15 minute summer	S12	14	186.310	0.134	11.0	0.1512	0.0000	OK
15 minute summer	S13	11	186.122	0.088	20.0	0.1257	0.0000	OK
15 minute summer	S14	11	185.601	0.351	32.1	0.5504	0.0000	SURCHARGED
15 minute summer	S15	11	184.983	0.116	41.3	0.1620	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	S1	1.000	J1	5.0	0.727	0.577	0.0642
15 minute summer	S2	1.012	J12	27.8	0.959	0.931	0.0432
15 minute summer	S3	1.019	J18	38.4	1.333	1.257	0.1463
15 minute summer	S4	1.022	BASIN 1	68.3	2.658	0.408	1.1540
15 minute summer	S5	1.024	SWALE 1	1.1	0.323	0.021	0.0747
15 minute summer	S6	1.026	BASIN 2	1.1	0.350	0.021	0.0186
15 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
15 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.2167
15 minute summer	S9	1.031	S10	-2.0	-0.202	-0.037	0.2569
15 minute summer	S10	1.032	SWALE 3	58.3	1.279	0.323	0.2089
15 minute summer	S11	32.000	J28	10.9	1.399	1.840	0.0355
15 minute summer	S12	32.003	J30	11.0	0.663	0.822	0.0845
15 minute summer	S13	32.007	J33	20.0	1.741	0.620	0.1690
15 minute summer	S14	32.009	J34	31.7	1.800	1.828	0.0913
15 minute summer	S15	32.013	J37	41.8	1.368	0.453	0.2819

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Results for 100 year +45% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S16	12	184.790	0.233	45.4	0.2941	0.0000	SURCHARGED
15 minute summer	S17	18	186.018	0.018	0.4	0.0200	0.0000	OK
15 minute summer	S18	11	185.853	0.192	13.2	0.2708	0.0000	SURCHARGED
15 minute summer	S19	11	185.668	0.177	25.5	0.2430	0.0000	OK
15 minute summer	S20	10	184.702	0.060	3.5	0.0731	0.0000	OK
15 minute summer	S21	12	184.578	0.119	6.9	0.1407	0.0000	SURCHARGED
15 minute summer	S22	12	184.454	0.168	12.8	0.2048	0.0000	SURCHARGED
15 minute summer	S23	12	184.333	0.175	17.3	0.2071	0.0000	OK
15 minute summer	S24	12	184.210	0.233	40.8	0.3376	0.0000	OK
15 minute summer	S25	12	184.115	0.189	41.5	0.2138	0.0000	OK
15 minute summer	S26	11	185.418	0.041	2.9	0.0501	0.0000	OK
15 minute summer	FC1	16	188.947	0.697	5.5	1.8361	0.0000	SURCHARGED
15 minute summer	FC2	16	188.842	0.692	5.5	1.8231	0.0000	SURCHARGED
15 minute summer	FC3	17	188.908	0.708	8.8	3.1594	0.0000	FLOOD RISK
15 minute summer	FC4	16	188.867	0.667	4.4	1.3578	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	S16	32.015	J38	43.9	1.130	0.299	0.0918
15 minute summer	S17	23.001	J20	0.4	0.362	0.068	0.0113
15 minute summer	S18	23.006	J24	12.8	0.726	0.932	0.0323
15 minute summer	S19	23.010	J27	25.5	0.789	0.850	0.2964
15 minute summer	S20	48.001	J41	3.4	0.717	0.578	0.0225
15 minute summer	S21	48.004	J43	6.7	0.867	1.136	0.0382
15 minute summer	S22	48.008	J46	12.8	0.725	0.951	0.0428
15 minute summer	S23	48.011	J48	17.2	0.560	0.558	0.0367
15 minute summer	S24	48.018	J56	40.3	0.714	0.753	0.2424
15 minute summer	S25	48.021	BASIN 4	41.5	0.985	0.751	0.1343
15 minute summer	S26	65.001	J54	2.9	0.973	0.331	0.0254
15 minute summer	FC1	2.000	J1	2.2	0.581	0.349	0.0372
15 minute summer	FC2	3.000	J2	1.5	0.362	0.257	0.0355
15 minute summer	FC3	4.000	J3	0.8	0.555	0.131	0.0269
15 minute summer	FC4	5.000	J4	0.8	0.621	0.107	0.0102

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Results for 100 year +45% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC5	16	188.685	0.684	5.5	1.7938	0.0000	SURCHARGED
15 minute summer	FC6	16	188.524	0.674	4.4	1.3571	0.0000	SURCHARGED
15 minute summer	FC7	16	188.423	0.673	4.4	1.3569	0.0000	SURCHARGED
15 minute summer	FC8	16	188.439	0.689	5.5	1.7931	0.0000	SURCHARGED
15 minute summer	FC9	16	188.144	0.674	4.4	1.3588	0.0000	SURCHARGED
15 minute summer	FC10	17	188.175	0.705	7.7	2.6751	0.0000	FLOOD RISK
15 minute summer	FC11	16	188.000	0.680	4.9	1.5824	0.0000	SURCHARGED
15 minute summer	FC12	16	187.911	0.681	4.9	1.5823	0.0000	SURCHARGED
15 minute summer	FC13	16	187.694	0.694	5.5	1.7945	0.0000	SURCHARGED
15 minute summer	FC14	18	187.066	0.166	5.5	2.1288	0.0000	SURCHARGED
15 minute summer	FC15	16	187.876	0.676	4.4	1.3541	0.0000	SURCHARGED
15 minute summer	FC16	16	187.575	0.675	4.4	1.3573	0.0000	SURCHARGED
15 minute summer	FC17	16	187.676	0.676	4.4	1.3559	0.0000	SURCHARGED
15 minute summer	FC18	16	187.227	0.677	4.4	1.3584	0.0000	SURCHARGED
15 minute summer	FC19	16	187.095	0.695	5.5	1.7938	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC5	6.000	J5	0.8	0.517	0.138	0.0066
15 minute summer	FC6	7.000	J6	0.8	0.683	0.094	0.0219
15 minute summer	FC7	8.000	J7	0.8	0.591	0.115	0.0258
15 minute summer	FC8	9.000	J8	0.8	0.735	0.085	0.0073
15 minute summer	FC9	10.000	J9	0.8	0.522	0.137	0.0112
15 minute summer	FC10	11.000	J10	0.8	0.567	0.126	0.0092
15 minute summer	FC11	12.000	J11	0.8	0.521	0.139	0.0121
15 minute summer	FC12	13.000	S2	0.8	0.521	0.138	0.0166
15 minute summer	FC13	14.000	J12	0.8	0.524	0.139	0.0108
15 minute summer	FC14	15.000	J13	0.4	0.423	0.066	0.0307
15 minute summer	FC15	16.000	J14	0.8	1.111	0.047	0.0160
15 minute summer	FC16	17.000	J15	0.8	0.556	0.126	0.0200
15 minute summer	FC17	18.000	J16	0.8	0.883	0.065	0.0045
15 minute summer	FC18	19.000	J17	0.8	0.520	0.138	0.0110
15 minute summer	FC19	20.000	S3	0.8	0.521	0.140	0.0200

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Results for 100 year +45% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC20	16	187.637	0.687	5.5	1.7889	0.0000	SURCHARGED
15 minute summer	FC21	16	186.989	0.689	5.5	1.7956	0.0000	SURCHARGED
15 minute summer	FC22	17	186.619	0.169	4.4	1.6466	0.0000	SURCHARGED
15 minute summer	FC23	16	186.975	0.675	4.4	1.3584	0.0000	SURCHARGED
15 minute summer	FC24	16	186.990	0.690	5.5	1.7921	0.0000	SURCHARGED
15 minute summer	FC25	16	187.238	0.688	5.5	1.7887	0.0000	SURCHARGED
15 minute summer	FC26	18	186.613	0.163	4.4	1.6521	0.0000	SURCHARGED
15 minute summer	FC27	16	187.172	0.672	4.4	1.3549	0.0000	SURCHARGED
15 minute summer	FC28	16	187.186	0.686	5.5	1.7891	0.0000	SURCHARGED
15 minute summer	FC29	17	187.193	0.693	6.0	2.0063	0.0000	SURCHARGED
15 minute summer	FC30	16	187.437	0.687	5.5	1.7896	0.0000	SURCHARGED
15 minute summer	FC31	16	187.129	0.679	4.4	1.4289	0.0000	SURCHARGED
15 minute summer	FC32	16	187.125	0.675	4.4	1.3608	0.0000	SURCHARGED
15 minute summer	FC33	16	187.142	0.692	5.5	1.7885	0.0000	SURCHARGED
15 minute summer	FC34	16	187.142	0.692	5.5	1.7948	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC20	21.000	J18	0.8	1.052	0.052	0.0034
15 minute summer	FC21	22.000	J19	0.8	0.522	0.140	0.0121
15 minute summer	FC22	23.000	S17	0.4	0.738	0.021	0.0032
15 minute summer	FC23	24.000	J20	0.8	0.540	0.129	0.0069
15 minute summer	FC24	25.000	J21	0.8	0.609	0.111	0.0063
15 minute summer	FC25	26.000	J22	0.8	1.045	0.052	0.0038
15 minute summer	FC26	27.000	J23	0.4	0.742	0.030	0.0024
15 minute summer	FC27	28.000	J24	0.8	1.148	0.045	0.0032
15 minute summer	FC28	29.000	J25	0.8	1.050	0.052	0.0034
15 minute summer	FC29	30.000	J26	0.8	1.023	0.054	0.0038
15 minute summer	FC30	31.000	J27	0.8	0.979	0.057	0.0037
15 minute summer	FC31	33.000	J28	2.0	0.601	0.222	0.0333
15 minute summer	FC32	34.000	J29	1.2	0.458	0.094	0.0249
15 minute summer	FC33	35.000	S12	0.8	0.960	0.059	0.0162
15 minute summer	FC34	36.000	J30	0.8	0.535	0.133	0.0074

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Results for 100 year +45% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC35	16	187.137	0.687	5.5	1.7895	0.0000	SURCHARGED
15 minute summer	FC36	17	187.138	0.688	6.0	2.0086	0.0000	SURCHARGED
15 minute summer	FC37	17	186.504	0.704	7.1	2.4587	0.0000	FLOOD RISK
15 minute summer	FC38	18	185.589	0.139	4.4	1.6736	0.0000	SURCHARGED
15 minute summer	FC39	16	186.116	0.666	4.4	1.3575	0.0000	SURCHARGED
15 minute summer	FC40	16	186.143	0.643	5.5	1.7997	0.0000	SURCHARGED
15 minute summer	FC41	16	185.532	0.682	5.5	1.7945	0.0000	SURCHARGED
15 minute summer	FC42	16	185.283	0.683	5.5	1.8103	0.0000	SURCHARGED
15 minute summer	FC43	16	185.237	0.637	5.5	1.8129	0.0000	SURCHARGED
15 minute summer	FC44	10	184.646	0.046	4.4	0.0588	0.0000	OK
15 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
15 minute summer	FC46	17	185.405	0.705	7.7	2.6776	0.0000	FLOOD RISK
15 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute summer	FC48	16	185.488	0.688	5.5	1.7893	0.0000	SURCHARGED
15 minute summer	FC49	16	185.489	0.689	5.5	1.7930	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC35	37.000	J31	0.8	0.966	0.058	0.0192
15 minute summer	FC36	38.000	J32	0.8	1.039	0.052	0.0157
15 minute summer	FC37	39.000	J33	0.8	0.698	0.094	0.0240
15 minute summer	FC38	40.000	J34	0.4	0.695	0.029	0.0059
15 minute summer	FC39	41.000	J35	0.8	0.973	0.056	0.0037
15 minute summer	FC40	42.000	J36	0.8	1.185	0.042	0.0081
15 minute summer	FC41	43.000	J37	0.8	0.779	0.078	0.0223
15 minute summer	FC42	44.000	J38	1.9	0.677	0.219	0.0386
15 minute summer	FC43	45.000	J39	1.1	0.784	0.101	0.0214
15 minute summer	FC44	46.000	J40	4.4	1.207	0.388	0.0242
15 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
15 minute summer	FC46	48.000	S20	0.8	0.509	0.140	0.0192
15 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0128
15 minute summer	FC48	50.000	J42	0.8	0.700	0.059	0.0183
15 minute summer	FC49	51.000	S21	0.8	0.517	0.139	0.0069

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Results for 100 year +45% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC50	16	185.490	0.690	5.5	1.7930	0.0000	SURCHARGED
15 minute summer	FC51	16	185.532	0.682	5.5	1.7976	0.0000	SURCHARGED
15 minute summer	FC52	17	185.942	0.692	6.6	2.2427	0.0000	SURCHARGED
15 minute summer	FC53	16	185.938	0.688	5.5	1.7916	0.0000	SURCHARGED
15 minute summer	FC54	16	185.923	0.673	4.4	1.3561	0.0000	SURCHARGED
15 minute summer	FC55	16	185.920	0.670	4.4	1.3564	0.0000	SURCHARGED
15 minute summer	FC56	16	186.036	0.686	5.5	1.7892	0.0000	SURCHARGED
15 minute summer	FC57	16	186.039	0.688	5.5	1.7894	0.0000	SURCHARGED
15 minute summer	FC58	16	186.022	0.672	4.4	1.3570	0.0000	SURCHARGED
15 minute summer	FC59	16	186.025	0.675	4.4	1.3558	0.0000	SURCHARGED
15 minute summer	FC60	16	186.039	0.689	5.5	1.7910	0.0000	SURCHARGED
15 minute summer	FC61	16	185.989	0.689	5.5	1.7911	0.0000	SURCHARGED
15 minute summer	FC62	17	185.959	0.709	8.2	2.9331	0.0000	FLOOD RISK
15 minute summer	FC63	16	186.073	0.673	4.4	1.3595	0.0000	SURCHARGED
15 minute summer	FC64	16	185.841	0.840	5.5	1.7657	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC50	52.000	J43	0.8	0.518	0.139	0.0074
15 minute summer	FC51	55.000	S22	0.8	0.520	0.138	0.0097
15 minute summer	FC52	58.000	S23	0.8	0.760	0.082	0.0059
15 minute summer	FC53	61.000	J50	0.8	0.712	0.089	0.0049
15 minute summer	FC54	62.000	J51	0.8	0.788	0.076	0.0041
15 minute summer	FC55	64.000	J53	0.8	0.995	0.055	0.0034
15 minute summer	FC56	53.000	J44	0.8	1.033	0.053	0.0053
15 minute summer	FC57	54.000	J45	0.8	0.969	0.058	0.0055
15 minute summer	FC58	56.000	J46	0.8	0.927	0.061	0.0055
15 minute summer	FC59	57.000	J47	0.8	0.860	0.068	0.0061
15 minute summer	FC60	59.000	J48	0.8	0.854	0.070	0.0064
15 minute summer	FC61	60.000	J49	0.8	0.684	0.096	0.0089
15 minute summer	FC62	63.000	J52	0.8	0.633	0.109	0.0124
15 minute summer	FC63	65.000	S26	0.8	0.567	0.138	0.0056
15 minute summer	FC64	66.000	J54	1.0	0.377	0.172	0.0099

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Results for 100 year +45% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	FC65	16	185.842	0.692	5.5	1.7870	0.0000	SURCHARGED
15 minute summer	FC66	16	185.693	0.692	5.5	1.7932	0.0000	SURCHARGED
15 minute summer	FC67	18	184.961	0.161	4.4	1.6589	0.0000	SURCHARGED
15 minute summer	FC68	16	185.223	0.673	4.4	1.3576	0.0000	SURCHARGED
15 minute summer	J1	12	188.480	0.280	10.8	0.3788	0.0000	SURCHARGED
15 minute summer	J2	12	188.279	0.173	11.0	0.1957	0.0000	SURCHARGED
15 minute summer	J3	12	188.150	0.104	11.7	0.1173	0.0000	OK
15 minute summer	J4	13	188.110	0.075	12.5	0.0843	0.0000	OK
15 minute summer	J5	13	187.974	0.064	13.3	0.0727	0.0000	OK
15 minute summer	J6	13	187.759	0.109	14.1	0.1232	0.0000	OK
15 minute summer	J7	13	187.719	0.119	15.0	0.1345	0.0000	OK
15 minute summer	J8	13	187.678	0.085	15.8	0.0959	0.0000	OK
15 minute summer	J9	13	187.384	0.109	16.6	0.1232	0.0000	OK
15 minute summer	J10	13	187.337	0.067	17.2	0.0754	0.0000	OK
15 minute summer	J11	13	187.220	0.099	18.2	0.1116	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	FC65	67.000	J55	0.8	0.870	0.045	0.0072
15 minute summer	FC66	68.000	S24	0.8	0.581	0.115	0.0030
15 minute summer	FC67	69.000	J56	0.4	0.409	0.065	0.0020
15 minute summer	FC68	70.000	J57	0.8	0.679	0.091	0.0027
15 minute summer	J1	1.001	J2	10.3	1.315	1.240	0.0393
15 minute summer	J2	1.002	J3	10.9	1.393	1.841	0.0080
15 minute summer	J3	1.003	J4	11.7	1.072	0.878	0.0212
15 minute summer	J4	1.004	J5	12.5	1.570	0.372	0.0282
15 minute summer	J5	1.005	J6	13.3	1.271	0.349	0.0593
15 minute summer	J6	1.006	J7	14.2	0.986	0.498	0.0282
15 minute summer	J7	1.007	J8	15.0	1.174	1.073	0.0142
15 minute summer	J8	1.008	J9	15.8	1.629	0.521	0.0818
15 minute summer	J9	1.009	J10	16.4	1.145	0.492	0.0173
15 minute summer	J10	1.010	J11	17.3	1.336	0.134	0.0325
15 minute summer	J11	1.011	S2	18.1	0.811	0.282	0.1292

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Results for 100 year +45% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J12	12	186.938	0.129	28.6	0.1459	0.0000	OK
15 minute summer	J13	12	186.915	0.213	28.7	0.2411	0.0000	OK
15 minute summer	J14	12	186.893	0.198	29.6	0.2236	0.0000	OK
15 minute summer	J15	12	186.862	0.174	30.4	0.1971	0.0000	OK
15 minute summer	J16	12	186.809	0.139	31.2	0.1567	0.0000	OK
15 minute summer	J17	12	186.469	0.110	32.0	0.1249	0.0000	OK
15 minute summer	J18	12	186.320	0.126	39.3	0.1421	0.0000	OK
15 minute summer	J19	12	186.213	0.186	40.1	0.2103	0.0000	OK
15 minute summer	J20	18	185.964	0.033	1.2	0.0370	0.0000	OK
15 minute summer	J21	18	185.936	0.041	2.0	0.0463	0.0000	OK
15 minute summer	J22	12	185.878	0.060	2.9	0.0680	0.0000	OK
15 minute summer	J23	12	185.872	0.089	3.3	0.1005	0.0000	OK
15 minute summer	J24	12	185.831	0.181	13.6	0.2044	0.0000	SURCHARGED
15 minute summer	J25	12	185.781	0.166	14.1	0.1876	0.0000	SURCHARGED
15 minute summer	J26	12	185.733	0.146	14.8	0.1651	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J12	1.013	J13	28.4	0.892	0.424	0.2021
15 minute summer	J13	1.014	J14	28.8	0.756	0.916	0.0720
15 minute summer	J14	1.015	J15	29.6	0.842	0.947	0.0671
15 minute summer	J15	1.016	J16	30.4	1.031	0.993	0.1503
15 minute summer	J16	1.017	J17	31.2	1.360	0.517	0.0769
15 minute summer	J17	1.018	S3	32.0	1.222	0.220	0.0506
15 minute summer	J18	1.020	J19	39.3	1.935	0.302	0.0315
15 minute summer	J19	1.021	S4	40.1	0.972	0.727	0.1811
15 minute summer	J20	23.002	J21	1.2	0.465	0.206	0.0099
15 minute summer	J21	23.003	J22	2.0	0.550	0.345	0.0309
15 minute summer	J22	23.004	J23	2.9	0.646	0.492	0.0220
15 minute summer	J23	23.005	S18	4.1	0.747	0.686	0.0569
15 minute summer	J24	23.007	J25	13.3	0.754	0.997	0.1088
15 minute summer	J25	23.008	J26	14.0	0.794	1.053	0.0871
15 minute summer	J26	23.009	S19	14.8	0.918	1.115	0.0588

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Results for 100 year +45% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J27	93	185.653	0.192	26.3	0.2167	0.0000	OK
15 minute summer	J28	13	186.786	0.430	10.9	0.4860	0.0000	SURCHARGED
15 minute summer	J29	14	186.502	0.231	10.4	0.2610	0.0000	SURCHARGED
15 minute summer	J30	14	186.282	0.135	11.8	0.1526	0.0000	OK
15 minute summer	J31	15	186.248	0.129	12.6	0.1459	0.0000	OK
15 minute summer	J32	15	186.180	0.116	13.4	0.1314	0.0000	OK
15 minute summer	J33	12	185.733	0.123	20.8	0.1394	0.0000	OK
15 minute summer	J34	11	185.281	0.156	32.0	0.1764	0.0000	OK
15 minute summer	J35	11	185.185	0.110	32.6	0.1239	0.0000	OK
15 minute summer	J36	11	185.036	0.161	33.5	0.1824	0.0000	OK
15 minute summer	J37	12	184.849	0.274	42.6	0.3096	0.0000	SURCHARGED
15 minute summer	J38	12	184.742	0.367	44.4	0.4150	0.0000	SURCHARGED
15 minute summer	J39	12	184.628	0.290	44.8	0.3284	0.0000	SURCHARGED
15 minute summer	J40	12	184.568	0.243	48.0	0.2752	0.0000	SURCHARGED
15 minute summer	J41	11	184.656	0.059	3.4	0.0670	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J27	23.011	S4	26.3	0.938	0.879	0.0876
15 minute summer	J28	32.001	J29	9.7	1.243	1.643	0.0691
15 minute summer	J29	32.002	S12	10.2	1.302	1.716	0.0361
15 minute summer	J30	32.004	J31	11.8	0.717	0.886	0.0816
15 minute summer	J31	32.005	J32	12.5	0.814	0.945	0.1498
15 minute summer	J32	32.006	S13	13.4	1.117	1.008	0.0654
15 minute summer	J33	32.008	S14	20.9	1.203	0.588	0.1502
15 minute summer	J34	32.010	J35	31.8	1.309	0.826	0.2190
15 minute summer	J35	32.011	J36	32.7	1.319	0.367	0.1705
15 minute summer	J36	32.012	S15	33.6	1.412	1.120	0.0605
15 minute summer	J37	32.014	S16	41.2	1.392	1.356	0.2062
15 minute summer	J38	32.016	J39	44.2	1.112	1.464	0.4302
15 minute summer	J39	32.017	J40	44.9	1.130	1.459	0.1454
15 minute summer	J40	32.018	S10	47.8	1.228	1.108	0.3551
15 minute summer	J41	48.002	J42	3.5	0.688	0.583	0.0342

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Results for 100 year +45% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J42	12	184.614	0.077	4.3	0.0871	0.0000	OK
15 minute summer	J43	13	184.496	0.136	7.5	0.1534	0.0000	OK
15 minute summer	J44	13	184.489	0.139	8.2	0.1568	0.0000	OK
15 minute summer	J45	12	184.466	0.166	9.2	0.1876	0.0000	SURCHARGED
15 minute summer	J46	12	184.427	0.155	13.6	0.1754	0.0000	SURCHARGED
15 minute summer	J47	12	184.388	0.140	14.3	0.1584	0.0000	OK
15 minute summer	J48	12	184.324	0.170	18.0	0.1922	0.0000	OK
15 minute summer	J49	13	184.310	0.181	18.7	0.2045	0.0000	OK
15 minute summer	J50	13	184.300	0.175	19.3	0.1977	0.0000	OK
15 minute summer	J51	13	184.284	0.176	20.1	0.1991	0.0000	OK
15 minute summer	J52	13	184.270	0.166	21.0	0.1875	0.0000	OK
15 minute summer	J53	12	184.246	0.159	21.9	0.1803	0.0000	OK
15 minute summer	J54	11	185.046	0.067	3.7	0.0753	0.0000	OK
15 minute summer	J55	12	185.014	0.070	4.5	0.0791	0.0000	OK
15 minute summer	J56	12	184.188	0.221	40.6	0.2500	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J42	48.003	S21	4.2	0.575	0.704	0.0585
15 minute summer	J43	48.005	J44	7.4	0.595	0.526	0.0271
15 minute summer	J44	48.006	J45	8.3	0.505	0.625	0.1519
15 minute summer	J45	48.007	S22	9.4	0.533	0.692	0.0419
15 minute summer	J46	48.009	J47	13.5	0.771	1.013	0.0731
15 minute summer	J47	48.010	S23	14.3	0.907	1.072	0.0410
15 minute summer	J48	48.012	J49	17.8	0.558	0.597	0.2471
15 minute summer	J49	48.013	J50	18.5	0.556	0.603	0.0382
15 minute summer	J50	48.014	J51	19.2	0.579	0.644	0.1685
15 minute summer	J51	48.015	J52	20.1	0.629	0.657	0.0367
15 minute summer	J52	48.016	J53	21.1	0.716	0.691	0.1493
15 minute summer	J53	48.017	S24	22.2	0.872	0.735	0.3065
15 minute summer	J54	65.002	J55	3.7	0.655	0.627	0.0206
15 minute summer	J55	65.003	S24	4.5	0.799	0.762	0.0442
15 minute summer	J56	48.019	J57	40.7	0.751	0.750	0.4928

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Results for 100 year +45% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	J57	12	184.156	0.211	41.5	0.2381	0.0000	OK
15 minute summer	BASIN 1	93	185.653	0.653	68.3	80.7822	0.0000	SURCHARGED
15 minute summer	BASIN 2	255	184.437	0.137	1.3	12.2720	0.0000	OK
15 minute summer	BASIN 3	112	183.178	0.078	57.9	53.9625	0.0000	OK
15 minute summer	BASIN 4	120	183.766	0.436	41.5	59.1957	0.0000	SURCHARGED
15 minute summer	SWALE 1	95	184.962	0.030	1.1	0.0340	0.0000	OK
15 minute summer	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
15 minute summer	SWALE 3	12	184.289	0.219	58.3	0.2473	0.0000	OK
15 minute summer	BH1	255	184.437	0.360	1.0	1.8468	0.0000	OK
15 minute summer	BH2	100	183.178	0.126	3.7	2.2332	0.0000	OK
15 minute summer	BH3	118	183.766	0.460	14.1	3.7530	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	J57	48.020	S25	41.5	0.832	0.768	0.3942
15 minute summer	BASIN 1	1.023	S5	4.1	0.339	0.077	0.6013
15 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
15 minute summer	BASIN 2	71.000	BH1	1.0	0.533	0.165	0.1829
15 minute summer	BASIN 3	1.034	BH2	3.7	0.572	0.045	0.6610
15 minute summer	BASIN 4	48.022	BH3	14.1	1.173	0.265	0.7181
15 minute summer	SWALE 1	1.025	S6	1.1	0.305	0.021	0.1397
15 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
15 minute summer	SWALE 3	1.033	BASIN 3	57.9	1.144	0.834	2.1867
15 minute summer	BH1	Infiltration		0.1			
15 minute summer	BH2	Infiltration		0.2			
15 minute summer	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S1	12	188.578	0.208	6.3	0.2810	0.0000	SURCHARGED
15 minute winter	S2	11	187.212	0.173	29.0	0.2545	0.0000	OK
15 minute winter	S3	12	186.397	0.185	39.7	0.2411	0.0000	OK
15 minute winter	S4	96	185.719	0.341	71.1	0.4047	0.0000	SURCHARGED
15 minute winter	S5	101	185.718	0.738	3.8	0.8341	0.0000	SURCHARGED
15 minute winter	S6	104	184.875	0.031	1.2	0.0355	0.0000	OK
15 minute winter	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S9	12	184.358	0.158	2.1	0.1782	0.0000	OK
15 minute winter	S10	12	184.357	0.173	60.6	0.2643	0.0000	OK
15 minute winter	S11	12	187.019	0.619	14.4	1.0097	0.0000	SURCHARGED
15 minute winter	S12	15	186.318	0.142	11.5	0.1602	0.0000	OK
15 minute winter	S13	11	186.124	0.090	20.8	0.1275	0.0000	OK
15 minute winter	S14	11	185.611	0.361	32.8	0.5670	0.0000	SURCHARGED
15 minute winter	S15	12	184.988	0.121	42.4	0.1692	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S1	1.000	J1	5.1	0.694	0.587	0.0642
15 minute winter	S2	1.012	J12	28.9	0.973	0.967	0.0442
15 minute winter	S3	1.019	J18	39.7	1.342	1.299	0.1501
15 minute winter	S4	1.022	BASIN 1	71.1	2.646	0.424	1.1778
15 minute winter	S5	1.024	SWALE 1	1.2	0.325	0.022	0.0773
15 minute winter	S6	1.026	BASIN 2	1.2	0.353	0.022	0.0193
15 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
15 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.2251
15 minute winter	S9	1.031	S10	-2.1	-0.221	-0.038	0.2660
15 minute winter	S10	1.032	SWALE 3	60.4	1.276	0.335	0.2154
15 minute winter	S11	32.000	J28	11.4	1.463	1.925	0.0355
15 minute winter	S12	32.003	J30	11.4	0.667	0.855	0.0876
15 minute winter	S13	32.007	J33	20.8	1.749	0.646	0.1859
15 minute winter	S14	32.009	J34	32.4	1.839	1.867	0.0913
15 minute winter	S15	32.013	J37	42.0	1.385	0.455	0.2874

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Results for 100 year +45% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S16	12	184.813	0.255	45.5	0.3229	0.0000	SURCHARGED
15 minute winter	S17	18	186.018	0.018	0.4	0.0205	0.0000	OK
15 minute winter	S18	11	185.866	0.205	13.6	0.2900	0.0000	SURCHARGED
15 minute winter	S19	124	185.726	0.235	26.4	0.3219	0.0000	SURCHARGED
15 minute winter	S20	10	184.704	0.062	3.7	0.0757	0.0000	OK
15 minute winter	S21	12	184.587	0.128	7.0	0.1516	0.0000	SURCHARGED
15 minute winter	S22	12	184.462	0.176	13.2	0.2147	0.0000	SURCHARGED
15 minute winter	S23	12	184.338	0.180	17.7	0.2132	0.0000	OK
15 minute winter	S24	12	184.216	0.239	42.7	0.3474	0.0000	OK
15 minute winter	S25	12	184.120	0.194	43.3	0.2191	0.0000	OK
15 minute winter	S26	11	185.419	0.042	3.1	0.0512	0.0000	OK
15 minute winter	FC1	17	188.967	0.717	5.8	2.1094	0.0000	FLOOD RISK
15 minute winter	FC2	17	188.861	0.711	5.8	2.0940	0.0000	FLOOD RISK
15 minute winter	FC3	18	188.925	0.725	9.2	3.5849	0.0000	FLOOD RISK
15 minute winter	FC4	16	188.883	0.683	4.6	1.5437	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	S16	32.015	J38	44.9	1.128	0.306	0.0918
15 minute winter	S17	23.001	J20	0.4	0.368	0.072	0.0116
15 minute winter	S18	23.006	J24	13.1	0.746	0.958	0.0323
15 minute winter	S19	23.010	J27	26.4	0.798	0.881	0.3541
15 minute winter	S20	48.001	J41	3.6	0.720	0.607	0.0233
15 minute winter	S21	48.004	J43	6.9	0.890	1.168	0.0396
15 minute winter	S22	48.008	J46	13.1	0.743	0.975	0.0428
15 minute winter	S23	48.011	J48	17.6	0.561	0.572	0.0378
15 minute winter	S24	48.018	J56	42.2	0.723	0.789	0.2494
15 minute winter	S25	48.021	BASIN 4	43.3	1.000	0.785	0.1382
15 minute winter	S26	65.001	J54	3.0	0.983	0.344	0.0261
15 minute winter	FC1	2.000	J1	2.3	0.583	0.366	0.0372
15 minute winter	FC2	3.000	J2	1.5	0.363	0.248	0.0355
15 minute winter	FC3	4.000	J3	0.8	0.557	0.133	0.0282
15 minute winter	FC4	5.000	J4	0.8	0.623	0.108	0.0108

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Results for 100 year +45% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC5	17	188.702	0.702	5.8	2.0593	0.0000	FLOOD RISK
15 minute winter	FC6	16	188.542	0.692	4.6	1.5408	0.0000	SURCHARGED
15 minute winter	FC7	16	188.441	0.691	4.6	1.5429	0.0000	SURCHARGED
15 minute winter	FC8	17	188.458	0.708	5.8	2.0563	0.0000	FLOOD RISK
15 minute winter	FC9	16	188.161	0.691	4.6	1.5423	0.0000	SURCHARGED
15 minute winter	FC10	17	188.193	0.723	8.1	3.0623	0.0000	FLOOD RISK
15 minute winter	FC11	16	188.019	0.699	5.2	1.8243	0.0000	SURCHARGED
15 minute winter	FC12	16	187.930	0.700	5.2	1.8241	0.0000	FLOOD RISK
15 minute winter	FC13	17	187.715	0.715	5.8	2.0558	0.0000	FLOOD RISK
15 minute winter	FC14	18	187.088	0.188	5.8	2.4029	0.0000	SURCHARGED
15 minute winter	FC15	16	187.895	0.695	4.6	1.5377	0.0000	SURCHARGED
15 minute winter	FC16	16	187.594	0.694	4.6	1.5414	0.0000	SURCHARGED
15 minute winter	FC17	16	187.695	0.695	4.6	1.5400	0.0000	SURCHARGED
15 minute winter	FC18	16	187.246	0.696	4.6	1.5417	0.0000	SURCHARGED
15 minute winter	FC19	17	187.115	0.715	5.8	2.0556	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC5	6.000	J5	0.8	0.518	0.140	0.0066
15 minute winter	FC6	7.000	J6	0.8	0.685	0.095	0.0229
15 minute winter	FC7	8.000	J7	0.8	0.593	0.116	0.0266
15 minute winter	FC8	9.000	J8	0.8	0.738	0.086	0.0077
15 minute winter	FC9	10.000	J9	0.8	0.524	0.139	0.0114
15 minute winter	FC10	11.000	J10	0.8	0.569	0.127	0.0093
15 minute winter	FC11	12.000	J11	0.8	0.523	0.141	0.0123
15 minute winter	FC12	13.000	S2	0.8	0.523	0.140	0.0180
15 minute winter	FC13	14.000	J12	0.8	0.526	0.141	0.0109
15 minute winter	FC14	15.000	J13	0.5	0.430	0.081	0.0338
15 minute winter	FC15	16.000	J14	0.8	1.115	0.048	0.0170
15 minute winter	FC16	17.000	J15	0.8	0.557	0.128	0.0216
15 minute winter	FC17	18.000	J16	0.8	0.886	0.066	0.0045
15 minute winter	FC18	19.000	J17	0.8	0.522	0.140	0.0111
15 minute winter	FC19	20.000	S3	0.8	0.523	0.142	0.0214

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Results for 100 year +45% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC20	17	187.656	0.706	5.8	2.0544	0.0000	FLOOD RISK
15 minute winter	FC21	17	187.007	0.707	5.8	2.0573	0.0000	FLOOD RISK
15 minute winter	FC22	17	186.639	0.189	4.6	1.8364	0.0000	SURCHARGED
15 minute winter	FC23	16	186.993	0.693	4.6	1.5419	0.0000	SURCHARGED
15 minute winter	FC24	17	187.009	0.709	5.8	2.0553	0.0000	FLOOD RISK
15 minute winter	FC25	17	187.257	0.707	5.8	2.0540	0.0000	FLOOD RISK
15 minute winter	FC26	17	186.632	0.182	4.6	1.8417	0.0000	SURCHARGED
15 minute winter	FC27	16	187.189	0.689	4.6	1.5387	0.0000	SURCHARGED
15 minute winter	FC28	17	187.204	0.704	5.8	2.0546	0.0000	FLOOD RISK
15 minute winter	FC29	17	187.211	0.711	6.3	2.2952	0.0000	FLOOD RISK
15 minute winter	FC30	17	187.455	0.705	5.8	2.0540	0.0000	FLOOD RISK
15 minute winter	FC31	16	187.149	0.699	4.6	1.6312	0.0000	SURCHARGED
15 minute winter	FC32	16	187.143	0.693	4.6	1.5474	0.0000	SURCHARGED
15 minute winter	FC33	17	187.162	0.712	5.8	2.0526	0.0000	FLOOD RISK
15 minute winter	FC34	17	187.162	0.712	5.8	2.0563	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC20	21.000	J18	0.8	1.056	0.052	0.0034
15 minute winter	FC21	22.000	J19	0.8	0.524	0.141	0.0122
15 minute winter	FC22	23.000	S17	0.4	0.796	0.023	0.0033
15 minute winter	FC23	24.000	J20	0.8	0.542	0.131	0.0070
15 minute winter	FC24	25.000	J21	0.8	0.612	0.113	0.0064
15 minute winter	FC25	26.000	J22	0.8	1.049	0.053	0.0038
15 minute winter	FC26	27.000	J23	0.4	0.755	0.031	0.0025
15 minute winter	FC27	28.000	J24	0.8	1.152	0.046	0.0032
15 minute winter	FC28	29.000	J25	0.8	1.054	0.052	0.0035
15 minute winter	FC29	30.000	J26	0.8	1.027	0.055	0.0039
15 minute winter	FC30	31.000	J27	0.8	0.983	0.058	0.0038
15 minute winter	FC31	33.000	J28	2.2	0.603	0.239	0.0333
15 minute winter	FC32	34.000	J29	1.3	0.459	0.101	0.0285
15 minute winter	FC33	35.000	S12	0.8	0.964	0.059	0.0173
15 minute winter	FC34	36.000	J30	0.8	0.537	0.135	0.0074

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Results for 100 year +45% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC35	17	187.155	0.705	5.8	2.0540	0.0000	FLOOD RISK
15 minute winter	FC36	17	187.154	0.704	6.3	2.2963	0.0000	FLOOD RISK
15 minute winter	FC37	17	186.524	0.724	7.5	2.8251	0.0000	FLOOD RISK
15 minute winter	FC38	18	185.605	0.155	4.6	1.8634	0.0000	SURCHARGED
15 minute winter	FC39	16	186.131	0.681	4.6	1.5412	0.0000	SURCHARGED
15 minute winter	FC40	17	186.162	0.662	5.8	2.0655	0.0000	SURCHARGED
15 minute winter	FC41	17	185.549	0.699	5.8	2.0574	0.0000	SURCHARGED
15 minute winter	FC42	17	185.301	0.701	5.8	2.0856	0.0000	FLOOD RISK
15 minute winter	FC43	17	185.241	0.641	5.8	2.0746	0.0000	SURCHARGED
15 minute winter	FC44	10	184.647	0.047	4.6	0.0608	0.0000	OK
15 minute winter	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
15 minute winter	FC46	17	185.423	0.723	8.1	3.0637	0.0000	FLOOD RISK
15 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
15 minute winter	FC48	17	185.507	0.707	5.8	2.0535	0.0000	FLOOD RISK
15 minute winter	FC49	17	185.508	0.708	5.8	2.0579	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC35	37.000	J31	0.8	0.969	0.059	0.0203
15 minute winter	FC36	38.000	J32	0.8	1.042	0.053	0.0165
15 minute winter	FC37	39.000	J33	0.8	0.700	0.096	0.0295
15 minute winter	FC38	40.000	J34	0.4	0.707	0.030	0.0065
15 minute winter	FC39	41.000	J35	0.8	0.976	0.057	0.0037
15 minute winter	FC40	42.000	J36	0.8	1.191	0.042	0.0092
15 minute winter	FC41	43.000	J37	1.0	0.782	0.092	0.0235
15 minute winter	FC42	44.000	J38	1.9	0.679	0.226	0.0386
15 minute winter	FC43	45.000	J39	1.3	0.785	0.119	0.0238
15 minute winter	FC44	46.000	J40	4.6	1.185	0.405	0.0245
15 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
15 minute winter	FC46	48.000	S20	0.8	0.511	0.142	0.0199
15 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0131
15 minute winter	FC48	50.000	J42	0.8	0.681	0.060	0.0209
15 minute winter	FC49	51.000	S21	0.8	0.519	0.141	0.0070

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Results for 100 year +45% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC50	17	185.510	0.710	5.8	2.0575	0.0000	FLOOD RISK
15 minute winter	FC51	17	185.549	0.699	5.8	2.0593	0.0000	SURCHARGED
15 minute winter	FC52	17	185.958	0.708	6.9	2.5668	0.0000	FLOOD RISK
15 minute winter	FC53	17	185.957	0.707	5.8	2.0574	0.0000	FLOOD RISK
15 minute winter	FC54	16	185.941	0.691	4.6	1.5415	0.0000	SURCHARGED
15 minute winter	FC55	16	185.937	0.687	4.6	1.5400	0.0000	SURCHARGED
15 minute winter	FC56	17	186.054	0.704	5.8	2.0545	0.0000	FLOOD RISK
15 minute winter	FC57	17	186.057	0.707	5.8	2.0535	0.0000	FLOOD RISK
15 minute winter	FC58	16	186.039	0.689	4.6	1.5404	0.0000	SURCHARGED
15 minute winter	FC59	16	186.044	0.694	4.6	1.5405	0.0000	SURCHARGED
15 minute winter	FC60	17	186.058	0.708	5.8	2.0540	0.0000	FLOOD RISK
15 minute winter	FC61	17	186.008	0.708	5.8	2.0575	0.0000	FLOOD RISK
15 minute winter	FC62	17	185.976	0.726	8.7	3.3276	0.0000	FLOOD RISK
15 minute winter	FC63	16	186.091	0.690	4.6	1.5428	0.0000	SURCHARGED
15 minute winter	FC64	16	185.865	0.865	5.8	2.0256	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC50	52.000	J43	0.8	0.520	0.141	0.0075
15 minute winter	FC51	55.000	S22	0.8	0.522	0.140	0.0098
15 minute winter	FC52	58.000	S23	0.8	0.763	0.083	0.0060
15 minute winter	FC53	61.000	J50	0.8	0.715	0.090	0.0050
15 minute winter	FC54	62.000	J51	0.8	0.791	0.077	0.0042
15 minute winter	FC55	64.000	J53	0.8	0.999	0.055	0.0034
15 minute winter	FC56	53.000	J44	0.8	1.037	0.054	0.0053
15 minute winter	FC57	54.000	J45	0.8	0.973	0.059	0.0056
15 minute winter	FC58	56.000	J46	0.8	0.931	0.062	0.0055
15 minute winter	FC59	57.000	J47	0.8	0.864	0.069	0.0062
15 minute winter	FC60	59.000	J48	0.8	0.857	0.071	0.0065
15 minute winter	FC61	60.000	J49	0.8	0.687	0.097	0.0090
15 minute winter	FC62	63.000	J52	0.8	0.635	0.111	0.0125
15 minute winter	FC63	65.000	S26	0.8	0.570	0.140	0.0057
15 minute winter	FC64	66.000	J54	1.0	0.379	0.171	0.0103

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Results for 100 year +45% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	FC65	17	185.863	0.713	5.8	2.0550	0.0000	FLOOD RISK
15 minute winter	FC66	17	185.712	0.712	5.8	2.0553	0.0000	FLOOD RISK
15 minute winter	FC67	17	184.979	0.179	4.6	1.8481	0.0000	SURCHARGED
15 minute winter	FC68	16	185.241	0.691	4.6	1.5417	0.0000	SURCHARGED
15 minute winter	J1	12	188.504	0.304	11.3	0.4106	0.0000	SURCHARGED
15 minute winter	J2	12	188.286	0.180	11.4	0.2032	0.0000	SURCHARGED
15 minute winter	J3	13	188.152	0.106	12.1	0.1202	0.0000	OK
15 minute winter	J4	13	188.111	0.076	13.0	0.0863	0.0000	OK
15 minute winter	J5	13	187.976	0.066	13.8	0.0744	0.0000	OK
15 minute winter	J6	13	187.762	0.112	14.6	0.1263	0.0000	OK
15 minute winter	J7	13	187.721	0.121	15.4	0.1372	0.0000	OK
15 minute winter	J8	13	187.679	0.086	16.2	0.0977	0.0000	OK
15 minute winter	J9	13	187.386	0.111	17.0	0.1252	0.0000	OK
15 minute winter	J10	13	187.338	0.068	17.5	0.0768	0.0000	OK
15 minute winter	J11	13	187.222	0.101	18.7	0.1142	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	FC65	67.000	J55	0.8	0.613	0.045	0.0073
15 minute winter	FC66	68.000	S24	0.8	0.583	0.116	0.0031
15 minute winter	FC67	69.000	J56	0.4	0.416	0.069	0.0020
15 minute winter	FC68	70.000	J57	0.8	0.682	0.092	0.0028
15 minute winter	J1	1.001	J2	10.7	1.369	1.291	0.0393
15 minute winter	J2	1.002	J3	11.3	1.445	1.910	0.0080
15 minute winter	J3	1.003	J4	12.1	1.082	0.914	0.0218
15 minute winter	J4	1.004	J5	13.0	1.580	0.386	0.0290
15 minute winter	J5	1.005	J6	13.8	1.277	0.361	0.0610
15 minute winter	J6	1.006	J7	14.6	0.996	0.514	0.0288
15 minute winter	J7	1.007	J8	15.4	1.184	1.106	0.0145
15 minute winter	J8	1.008	J9	16.2	1.639	0.536	0.0837
15 minute winter	J9	1.009	J10	16.7	1.139	0.500	0.0177
15 minute winter	J10	1.010	J11	17.8	1.349	0.138	0.0334
15 minute winter	J11	1.011	S2	18.7	0.816	0.290	0.1325

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Results for 100 year +45% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J12	12	186.943	0.134	29.7	0.1514	0.0000	OK
15 minute winter	J13	12	186.921	0.219	29.8	0.2475	0.0000	OK
15 minute winter	J14	12	186.898	0.203	30.6	0.2293	0.0000	OK
15 minute winter	J15	12	186.867	0.178	31.4	0.2018	0.0000	OK
15 minute winter	J16	12	186.811	0.141	32.1	0.1598	0.0000	OK
15 minute winter	J17	12	186.472	0.114	32.9	0.1285	0.0000	OK
15 minute winter	J18	12	186.323	0.129	40.5	0.1457	0.0000	OK
15 minute winter	J19	12	186.217	0.190	41.4	0.2144	0.0000	OK
15 minute winter	J20	18	185.964	0.033	1.2	0.0376	0.0000	OK
15 minute winter	J21	18	185.937	0.041	2.1	0.0469	0.0000	OK
15 minute winter	J22	12	185.894	0.076	2.9	0.0857	0.0000	OK
15 minute winter	J23	12	185.887	0.104	3.5	0.1176	0.0000	SURCHARGED
15 minute winter	J24	12	185.842	0.192	13.9	0.2167	0.0000	SURCHARGED
15 minute winter	J25	12	185.788	0.173	14.5	0.1960	0.0000	SURCHARGED
15 minute winter	J26	12	185.738	0.151	15.2	0.1703	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J12	1.013	J13	29.5	0.896	0.441	0.2073
15 minute winter	J13	1.014	J14	29.8	0.770	0.949	0.0731
15 minute winter	J14	1.015	J15	30.6	0.852	0.979	0.0685
15 minute winter	J15	1.016	J16	31.3	1.039	1.024	0.1538
15 minute winter	J16	1.017	J17	32.1	1.370	0.533	0.0787
15 minute winter	J17	1.018	S3	32.9	1.223	0.226	0.0520
15 minute winter	J18	1.020	J19	40.6	1.946	0.312	0.0326
15 minute winter	J19	1.021	S4	41.5	0.983	0.752	0.1853
15 minute winter	J20	23.002	J21	1.2	0.469	0.212	0.0101
15 minute winter	J21	23.003	J22	2.1	0.553	0.353	0.0368
15 minute winter	J22	23.004	J23	3.1	0.644	0.528	0.0255
15 minute winter	J23	23.005	S18	4.5	0.751	0.756	0.0587
15 minute winter	J24	23.007	J25	13.7	0.781	1.033	0.1088
15 minute winter	J25	23.008	J26	14.4	0.818	1.085	0.0874
15 minute winter	J26	23.009	S19	15.3	0.926	1.146	0.0647

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Results for 100 year +45% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J27	128	185.743	0.281	27.2	0.3183	0.0000	SURCHARGED
15 minute winter	J28	13	186.829	0.473	11.4	0.5348	0.0000	SURCHARGED
15 minute winter	J29	14	186.520	0.249	10.7	0.2814	0.0000	SURCHARGED
15 minute winter	J30	15	186.289	0.142	12.2	0.1605	0.0000	OK
15 minute winter	J31	15	186.254	0.135	13.1	0.1524	0.0000	OK
15 minute winter	J32	15	186.183	0.119	13.9	0.1350	0.0000	OK
15 minute winter	J33	12	185.787	0.177	21.6	0.1998	0.0000	SURCHARGED
15 minute winter	J34	11	185.284	0.158	32.7	0.1792	0.0000	OK
15 minute winter	J35	11	185.187	0.112	33.5	0.1266	0.0000	OK
15 minute winter	J36	12	185.040	0.165	34.4	0.1870	0.0000	OK
15 minute winter	J37	12	184.874	0.299	42.8	0.3386	0.0000	SURCHARGED
15 minute winter	J38	12	184.762	0.387	45.4	0.4378	0.0000	SURCHARGED
15 minute winter	J39	12	184.643	0.305	46.1	0.3444	0.0000	SURCHARGED
15 minute winter	J40	12	184.579	0.254	49.5	0.2871	0.0000	SURCHARGED
15 minute winter	J41	11	184.658	0.061	3.6	0.0687	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J27	23.011	S4	27.2	0.950	0.910	0.0951
15 minute winter	J28	32.001	J29	10.2	1.304	1.722	0.0691
15 minute winter	J29	32.002	S12	10.7	1.364	1.798	0.0361
15 minute winter	J30	32.004	J31	12.2	0.722	0.921	0.0844
15 minute winter	J31	32.005	J32	13.1	0.821	0.983	0.1545
15 minute winter	J32	32.006	S13	13.9	1.134	1.045	0.0673
15 minute winter	J33	32.008	S14	21.8	1.237	0.612	0.1598
15 minute winter	J34	32.010	J35	32.7	1.315	0.849	0.2237
15 minute winter	J35	32.011	J36	33.6	1.318	0.377	0.1750
15 minute winter	J36	32.012	S15	34.3	1.415	1.144	0.0629
15 minute winter	J37	32.014	S16	41.4	1.403	1.360	0.2062
15 minute winter	J38	32.016	J39	45.3	1.139	1.500	0.4302
15 minute winter	J39	32.017	J40	46.3	1.163	1.502	0.1454
15 minute winter	J40	32.018	S10	49.5	1.260	1.148	0.3575
15 minute winter	J41	48.002	J42	3.6	0.690	0.614	0.0376

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Results for 100 year +45% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J42	12	184.629	0.092	4.4	0.1036	0.0000	OK
15 minute winter	J43	13	184.505	0.145	7.7	0.1643	0.0000	OK
15 minute winter	J44	13	184.498	0.148	8.2	0.1678	0.0000	OK
15 minute winter	J45	12	184.474	0.174	9.3	0.1971	0.0000	SURCHARGED
15 minute winter	J46	12	184.434	0.162	13.9	0.1827	0.0000	SURCHARGED
15 minute winter	J47	12	184.391	0.143	14.7	0.1615	0.0000	OK
15 minute winter	J48	13	184.330	0.176	18.5	0.1986	0.0000	OK
15 minute winter	J49	13	184.315	0.186	19.2	0.2104	0.0000	OK
15 minute winter	J50	13	184.305	0.180	19.8	0.2035	0.0000	OK
15 minute winter	J51	13	184.289	0.181	20.7	0.2046	0.0000	OK
15 minute winter	J52	13	184.275	0.171	21.6	0.1932	0.0000	OK
15 minute winter	J53	12	184.252	0.165	22.5	0.1868	0.0000	OK
15 minute winter	J54	11	185.047	0.068	3.9	0.0774	0.0000	OK
15 minute winter	J55	12	185.016	0.071	4.7	0.0809	0.0000	OK
15 minute winter	J56	12	184.194	0.227	42.5	0.2572	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J42	48.003	S21	4.2	0.575	0.710	0.0627
15 minute winter	J43	48.005	J44	7.4	0.594	0.530	0.0281
15 minute winter	J44	48.006	J45	8.5	0.505	0.636	0.1544
15 minute winter	J45	48.007	S22	9.5	0.541	0.701	0.0419
15 minute winter	J46	48.009	J47	13.8	0.786	1.037	0.0736
15 minute winter	J47	48.010	S23	14.6	0.915	1.095	0.0415
15 minute winter	J48	48.012	J49	18.3	0.558	0.613	0.2546
15 minute winter	J49	48.013	J50	19.0	0.559	0.620	0.0392
15 minute winter	J50	48.014	J51	19.9	0.583	0.666	0.1731
15 minute winter	J51	48.015	J52	20.8	0.632	0.678	0.0378
15 minute winter	J52	48.016	J53	21.7	0.716	0.711	0.1548
15 minute winter	J53	48.017	S24	22.7	0.871	0.753	0.3195
15 minute winter	J54	65.002	J55	3.8	0.661	0.650	0.0213
15 minute winter	J55	65.003	S24	4.6	0.803	0.785	0.0453
15 minute winter	J56	48.019	J57	42.4	0.762	0.781	0.5073

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Results for 100 year +45% CC 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	J57	12	184.161	0.216	43.2	0.2446	0.0000	OK
15 minute winter	BASIN 1	101	185.718	0.718	71.3	89.9808	0.0000	SURCHARGED
15 minute winter	BASIN 2	255	184.445	0.145	1.4	12.9879	0.0000	OK
15 minute winter	BASIN 3	120	183.187	0.087	60.0	60.5907	0.0000	OK
15 minute winter	BASIN 4	128	183.816	0.486	43.3	66.5979	0.0000	SURCHARGED
15 minute winter	SWALE 1	103	184.963	0.031	1.2	0.0347	0.0000	OK
15 minute winter	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
15 minute winter	SWALE 3	12	184.295	0.225	60.4	0.2544	0.0000	OK
15 minute winter	BH1	255	184.445	0.368	1.0	1.8690	0.0000	OK
15 minute winter	BH2	105	183.188	0.136	4.2	2.2801	0.0000	OK
15 minute winter	BH3	126	183.816	0.510	16.1	3.9852	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute winter	J57	48.020	S25	43.3	0.844	0.801	0.4056
15 minute winter	BASIN 1	1.023	S5	3.8	0.345	0.072	0.6013
15 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
15 minute winter	BASIN 2	71.000	BH1	1.0	0.536	0.170	0.1829
15 minute winter	BASIN 3	1.034	BH2	4.2	0.601	0.051	0.7459
15 minute winter	BASIN 4	48.022	BH3	16.1	1.187	0.301	0.7181
15 minute winter	SWALE 1	1.025	S6	1.2	0.310	0.022	0.1444
15 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
15 minute winter	SWALE 3	1.033	BASIN 3	60.0	1.155	0.865	2.2451
15 minute winter	BH1	Infiltration		0.1			
15 minute winter	BH2	Infiltration		0.2			
15 minute winter	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S1	19	188.519	0.149	5.5	0.2013	0.0000	SURCHARGED
30 minute summer	S2	19	187.206	0.167	27.4	0.2463	0.0000	OK
30 minute summer	S3	19	186.392	0.180	38.2	0.2340	0.0000	OK
30 minute summer	S4	119	185.837	0.459	67.6	0.5457	0.0000	SURCHARGED
30 minute summer	S5	114	185.837	0.857	2.6	0.9689	0.0000	SURCHARGED
30 minute summer	S6	118	184.877	0.033	1.3	0.0368	0.0000	OK
30 minute summer	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S9	19	184.351	0.151	1.5	0.1703	0.0000	OK
30 minute summer	S10	19	184.351	0.166	57.5	0.2540	0.0000	OK
30 minute summer	S11	20	186.930	0.529	12.6	0.8636	0.0000	SURCHARGED
30 minute summer	S12	22	186.309	0.133	10.9	0.1506	0.0000	OK
30 minute summer	S13	18	186.121	0.087	19.7	0.1243	0.0000	OK
30 minute summer	S14	19	185.590	0.340	31.2	0.5334	0.0000	SURCHARGED
30 minute summer	S15	18	184.982	0.115	40.1	0.1608	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	S1	1.000	J1	4.8	0.704	0.551	0.0642
30 minute summer	S2	1.012	J12	27.4	0.954	0.917	0.0428
30 minute summer	S3	1.019	J18	38.1	1.331	1.245	0.1452
30 minute summer	S4	1.022	BASIN 1	67.6	2.108	0.403	1.1778
30 minute summer	S5	1.024	SWALE 1	1.3	0.319	0.024	0.0816
30 minute summer	S6	1.026	BASIN 2	1.3	0.359	0.024	0.0205
30 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
30 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.2126
30 minute summer	S9	1.031	S10	-1.5	-0.148	-0.027	0.2524
30 minute summer	S10	1.032	SWALE 3	57.1	1.240	0.317	0.2047
30 minute summer	S11	32.000	J28	10.3	1.320	1.736	0.0355
30 minute summer	S12	32.003	J30	10.9	0.660	0.816	0.0844
30 minute summer	S13	32.007	J33	19.7	1.734	0.610	0.1652
30 minute summer	S14	32.009	J34	31.1	1.764	1.791	0.0913
30 minute summer	S15	32.013	J37	40.7	1.376	0.441	0.2755

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Results for 100 year +45% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S16	20	184.778	0.221	43.7	0.2791	0.0000	OK
30 minute summer	S17	31	186.019	0.019	0.4	0.0211	0.0000	OK
30 minute summer	S18	19	185.852	0.190	13.0	0.2692	0.0000	SURCHARGED
30 minute summer	S19	126	185.842	0.351	24.9	0.4808	0.0000	SURCHARGED
30 minute summer	S20	18	184.700	0.058	3.3	0.0712	0.0000	OK
30 minute summer	S21	19	184.575	0.115	6.6	0.1368	0.0000	SURCHARGED
30 minute summer	S22	20	184.453	0.167	12.9	0.2044	0.0000	SURCHARGED
30 minute summer	S23	20	184.335	0.177	17.3	0.2089	0.0000	OK
30 minute summer	S24	19	184.211	0.234	40.7	0.3393	0.0000	OK
30 minute summer	S25	19	184.115	0.189	41.6	0.2139	0.0000	OK
30 minute summer	S26	18	185.418	0.040	2.8	0.0489	0.0000	OK
30 minute summer	FC1	27	188.972	0.722	5.0	2.1654	0.0000	FLOOD RISK
30 minute summer	FC2	27	188.866	0.716	5.0	2.1578	0.0000	FLOOD RISK
30 minute summer	FC3	31	188.935	0.735	8.0	3.8592	0.0000	FLOOD RISK
30 minute summer	FC4	25	188.886	0.686	4.0	1.5693	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	S16	32.015	J38	42.7	1.108	0.291	0.0916
30 minute summer	S17	23.001	J20	0.4	0.379	0.076	0.0118
30 minute summer	S18	23.006	J24	12.5	0.711	0.913	0.0323
30 minute summer	S19	23.010	J27	24.8	0.782	0.827	0.3541
30 minute summer	S20	48.001	J41	3.3	0.705	0.554	0.0218
30 minute summer	S21	48.004	J43	6.6	0.854	1.116	0.0383
30 minute summer	S22	48.008	J46	12.7	0.724	0.950	0.0428
30 minute summer	S23	48.011	J48	17.2	0.542	0.557	0.0371
30 minute summer	S24	48.018	J56	40.7	0.711	0.760	0.2435
30 minute summer	S25	48.021	BASIN 4	41.5	0.985	0.752	0.1344
30 minute summer	S26	65.001	J54	2.8	0.963	0.318	0.0246
30 minute summer	FC1	2.000	J1	1.9	0.583	0.314	0.0372
30 minute summer	FC2	3.000	J2	1.5	0.363	0.255	0.0355
30 minute summer	FC3	4.000	J3	0.9	0.558	0.134	0.0263
30 minute summer	FC4	5.000	J4	0.8	0.623	0.109	0.0099

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Results for 100 year +45% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC5	27	188.707	0.707	5.0	2.1298	0.0000	FLOOD RISK
30 minute summer	FC6	25	188.545	0.695	4.0	1.5664	0.0000	SURCHARGED
30 minute summer	FC7	25	188.444	0.694	4.0	1.5672	0.0000	SURCHARGED
30 minute summer	FC8	27	188.462	0.712	5.0	2.1216	0.0000	FLOOD RISK
30 minute summer	FC9	25	188.164	0.694	4.0	1.5694	0.0000	SURCHARGED
30 minute summer	FC10	30	188.202	0.732	7.0	3.2562	0.0000	FLOOD RISK
30 minute summer	FC11	26	188.020	0.700	4.5	1.8387	0.0000	SURCHARGED
30 minute summer	FC12	26	187.931	0.701	4.5	1.8383	0.0000	FLOOD RISK
30 minute summer	FC13	27	187.720	0.720	5.0	2.1243	0.0000	FLOOD RISK
30 minute summer	FC14	32	187.110	0.210	5.0	2.6865	0.0000	SURCHARGED
30 minute summer	FC15	25	187.898	0.697	4.0	1.5626	0.0000	SURCHARGED
30 minute summer	FC16	25	187.596	0.696	4.0	1.5685	0.0000	SURCHARGED
30 minute summer	FC17	25	187.697	0.697	4.0	1.5639	0.0000	SURCHARGED
30 minute summer	FC18	25	187.248	0.698	4.0	1.5686	0.0000	SURCHARGED
30 minute summer	FC19	27	187.120	0.720	5.0	2.1243	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC5	6.000	J5	0.8	0.519	0.141	0.0067
30 minute summer	FC6	7.000	J6	0.8	0.687	0.096	0.0211
30 minute summer	FC7	8.000	J7	0.8	0.593	0.117	0.0252
30 minute summer	FC8	9.000	J8	0.8	0.739	0.087	0.0071
30 minute summer	FC9	10.000	J9	0.8	0.525	0.139	0.0114
30 minute summer	FC10	11.000	J10	0.8	0.570	0.128	0.0093
30 minute summer	FC11	12.000	J11	0.8	0.523	0.141	0.0123
30 minute summer	FC12	13.000	S2	0.8	0.523	0.141	0.0161
30 minute summer	FC13	14.000	J12	0.8	0.526	0.142	0.0109
30 minute summer	FC14	15.000	J13	0.4	0.439	0.075	0.0302
30 minute summer	FC15	16.000	J14	0.8	1.118	0.048	0.0155
30 minute summer	FC16	17.000	J15	0.8	0.558	0.128	0.0192
30 minute summer	FC17	18.000	J16	0.8	0.887	0.066	0.0045
30 minute summer	FC18	19.000	J17	0.8	0.522	0.140	0.0111
30 minute summer	FC19	20.000	S3	0.8	0.524	0.143	0.0196

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Results for 100 year +45% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC20	27	187.660	0.710	5.0	2.1212	0.0000	FLOOD RISK
30 minute summer	FC21	27	187.012	0.712	5.0	2.1267	0.0000	FLOOD RISK
30 minute summer	FC22	31	186.658	0.208	4.0	2.0232	0.0000	SURCHARGED
30 minute summer	FC23	25	186.995	0.695	4.0	1.5691	0.0000	SURCHARGED
30 minute summer	FC24	27	187.014	0.714	5.0	2.1245	0.0000	FLOOD RISK
30 minute summer	FC25	27	187.262	0.712	5.0	2.1203	0.0000	FLOOD RISK
30 minute summer	FC26	31	186.651	0.201	4.0	2.0342	0.0000	SURCHARGED
30 minute summer	FC27	25	187.191	0.691	4.0	1.5639	0.0000	SURCHARGED
30 minute summer	FC28	27	187.209	0.709	5.0	2.1215	0.0000	FLOOD RISK
30 minute summer	FC29	28	187.216	0.716	5.5	2.3704	0.0000	FLOOD RISK
30 minute summer	FC30	27	187.460	0.710	5.0	2.1198	0.0000	FLOOD RISK
30 minute summer	FC31	25	187.150	0.700	4.0	1.6485	0.0000	FLOOD RISK
30 minute summer	FC32	25	187.146	0.695	4.0	1.5679	0.0000	SURCHARGED
30 minute summer	FC33	27	187.167	0.717	5.0	2.1177	0.0000	FLOOD RISK
30 minute summer	FC34	27	187.167	0.717	5.0	2.1247	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC20	21.000	J18	0.8	1.057	0.052	0.0034
30 minute summer	FC21	22.000	J19	0.8	0.524	0.142	0.0122
30 minute summer	FC22	23.000	S17	0.4	0.630	0.024	0.0035
30 minute summer	FC23	24.000	J20	0.8	0.542	0.131	0.0070
30 minute summer	FC24	25.000	J21	0.8	0.612	0.113	0.0064
30 minute summer	FC25	26.000	J22	0.8	1.050	0.053	0.0038
30 minute summer	FC26	27.000	J23	0.4	0.767	0.033	0.0026
30 minute summer	FC27	28.000	J24	0.8	1.153	0.046	0.0032
30 minute summer	FC28	29.000	J25	0.8	1.055	0.053	0.0035
30 minute summer	FC29	30.000	J26	0.8	1.028	0.055	0.0039
30 minute summer	FC30	31.000	J27	0.8	0.984	0.058	0.0038
30 minute summer	FC31	33.000	J28	1.7	0.603	0.188	0.0333
30 minute summer	FC32	34.000	J29	1.1	0.459	0.090	0.0243
30 minute summer	FC33	35.000	S12	0.8	0.967	0.060	0.0161
30 minute summer	FC34	36.000	J30	0.8	0.538	0.136	0.0075

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Results for 100 year +45% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC35	27	187.160	0.710	5.0	2.1197	0.0000	FLOOD RISK
30 minute summer	FC36	28	187.159	0.709	5.5	2.3737	0.0000	FLOOD RISK
30 minute summer	FC37	29	186.530	0.730	6.5	2.9517	0.0000	FLOOD RISK
30 minute summer	FC38	31	185.623	0.172	4.0	2.0753	0.0000	SURCHARGED
30 minute summer	FC39	25	186.134	0.683	4.0	1.5658	0.0000	SURCHARGED
30 minute summer	FC40	27	186.167	0.667	5.0	2.1373	0.0000	SURCHARGED
30 minute summer	FC41	27	185.553	0.703	5.0	2.1231	0.0000	FLOOD RISK
30 minute summer	FC42	27	185.305	0.705	5.0	2.1458	0.0000	FLOOD RISK
30 minute summer	FC43	27	185.243	0.643	5.0	2.1419	0.0000	SURCHARGED
30 minute summer	FC44	17	184.643	0.043	4.0	0.0550	0.0000	OK
30 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC46	30	185.432	0.732	7.0	3.2538	0.0000	FLOOD RISK
30 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute summer	FC48	27	185.512	0.712	5.0	2.1191	0.0000	FLOOD RISK
30 minute summer	FC49	27	185.513	0.713	5.0	2.1277	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC35	37.000	J31	0.8	0.971	0.059	0.0192
30 minute summer	FC36	38.000	J32	0.8	1.043	0.053	0.0159
30 minute summer	FC37	39.000	J33	0.9	0.701	0.096	0.0222
30 minute summer	FC38	40.000	J34	0.4	0.719	0.032	0.0056
30 minute summer	FC39	41.000	J35	0.8	0.976	0.057	0.0038
30 minute summer	FC40	42.000	J36	0.8	1.192	0.043	0.0074
30 minute summer	FC41	43.000	J37	0.8	0.782	0.080	0.0223
30 minute summer	FC42	44.000	J38	1.6	0.681	0.185	0.0386
30 minute summer	FC43	45.000	J39	0.9	0.786	0.084	0.0203
30 minute summer	FC44	46.000	J40	4.1	1.122	0.363	0.0236
30 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
30 minute summer	FC46	48.000	S20	0.8	0.512	0.143	0.0188
30 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0123
30 minute summer	FC48	50.000	J42	0.8	0.714	0.060	0.0165
30 minute summer	FC49	51.000	S21	0.8	0.520	0.141	0.0070

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Results for 100 year +45% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC50	27	185.515	0.715	5.0	2.1270	0.0000	FLOOD RISK
30 minute summer	FC51	27	185.554	0.704	5.0	2.1298	0.0000	FLOOD RISK
30 minute summer	FC52	29	185.964	0.713	6.0	2.6643	0.0000	FLOOD RISK
30 minute summer	FC53	27	185.961	0.711	5.0	2.1233	0.0000	FLOOD RISK
30 minute summer	FC54	25	185.943	0.693	4.0	1.5649	0.0000	SURCHARGED
30 minute summer	FC55	25	185.939	0.689	4.0	1.5644	0.0000	SURCHARGED
30 minute summer	FC56	27	186.059	0.709	5.0	2.1209	0.0000	FLOOD RISK
30 minute summer	FC57	27	186.062	0.712	5.0	2.1192	0.0000	FLOOD RISK
30 minute summer	FC58	25	186.041	0.691	4.0	1.5645	0.0000	SURCHARGED
30 minute summer	FC59	25	186.046	0.696	4.0	1.5644	0.0000	SURCHARGED
30 minute summer	FC60	27	186.063	0.713	5.0	2.1212	0.0000	FLOOD RISK
30 minute summer	FC61	27	186.013	0.713	5.0	2.1239	0.0000	FLOOD RISK
30 minute summer	FC62	30	185.986	0.736	7.5	3.5418	0.0000	FLOOD RISK
30 minute summer	FC63	25	186.093	0.693	4.0	1.5707	0.0000	SURCHARGED
30 minute summer	FC64	26	185.870	0.870	5.0	2.0770	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC50	52.000	J43	0.8	0.521	0.142	0.0075
30 minute summer	FC51	55.000	S22	0.8	0.522	0.141	0.0098
30 minute summer	FC52	58.000	S23	0.8	0.763	0.084	0.0060
30 minute summer	FC53	61.000	J50	0.8	0.716	0.090	0.0050
30 minute summer	FC54	62.000	J51	0.8	0.791	0.077	0.0042
30 minute summer	FC55	64.000	J53	0.8	0.999	0.055	0.0034
30 minute summer	FC56	53.000	J44	0.8	1.038	0.054	0.0053
30 minute summer	FC57	54.000	J45	0.8	0.974	0.060	0.0056
30 minute summer	FC58	56.000	J46	0.8	0.931	0.062	0.0055
30 minute summer	FC59	57.000	J47	0.8	0.864	0.069	0.0062
30 minute summer	FC60	59.000	J48	0.8	0.858	0.071	0.0065
30 minute summer	FC61	60.000	J49	0.8	0.688	0.097	0.0090
30 minute summer	FC62	63.000	J52	0.9	0.636	0.111	0.0126
30 minute summer	FC63	65.000	S26	0.8	0.569	0.140	0.0055
30 minute summer	FC64	66.000	J54	1.0	0.381	0.168	0.0096

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Results for 100 year +45% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	FC65	27	185.867	0.717	5.0	2.1171	0.0000	FLOOD RISK
30 minute summer	FC66	27	185.717	0.717	5.0	2.1229	0.0000	FLOOD RISK
30 minute summer	FC67	31	184.998	0.198	4.0	2.0468	0.0000	SURCHARGED
30 minute summer	FC68	25	185.243	0.693	4.0	1.5668	0.0000	SURCHARGED
30 minute summer	J1	19	188.456	0.256	10.2	0.3461	0.0000	SURCHARGED
30 minute summer	J2	20	188.274	0.168	10.5	0.1895	0.0000	SURCHARGED
30 minute summer	J3	20	188.148	0.102	11.4	0.1156	0.0000	OK
30 minute summer	J4	20	188.108	0.073	12.2	0.0830	0.0000	OK
30 minute summer	J5	20	187.973	0.063	13.0	0.0715	0.0000	OK
30 minute summer	J6	21	187.757	0.107	13.8	0.1206	0.0000	OK
30 minute summer	J7	21	187.717	0.117	14.6	0.1325	0.0000	OK
30 minute summer	J8	21	187.677	0.084	15.4	0.0946	0.0000	OK
30 minute summer	J9	21	187.383	0.108	16.3	0.1221	0.0000	OK
30 minute summer	J10	21	187.336	0.066	17.3	0.0747	0.0000	OK
30 minute summer	J11	21	187.219	0.098	17.9	0.1105	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	FC65	67.000	J55	0.8	0.860	0.045	0.0071
30 minute summer	FC66	68.000	S24	0.8	0.584	0.117	0.0031
30 minute summer	FC67	69.000	J56	0.4	0.422	0.073	0.0021
30 minute summer	FC68	70.000	J57	0.8	0.682	0.092	0.0028
30 minute summer	J1	1.001	J2	9.9	1.260	1.188	0.0393
30 minute summer	J2	1.002	J3	10.6	1.351	1.785	0.0080
30 minute summer	J3	1.003	J4	11.4	1.064	0.858	0.0208
30 minute summer	J4	1.004	J5	12.2	1.563	0.363	0.0276
30 minute summer	J5	1.005	J6	13.0	1.264	0.340	0.0580
30 minute summer	J6	1.006	J7	13.8	0.979	0.484	0.0277
30 minute summer	J7	1.007	J8	14.6	1.166	1.048	0.0140
30 minute summer	J8	1.008	J9	15.5	1.623	0.511	0.0806
30 minute summer	J9	1.009	J10	16.5	1.163	0.493	0.0171
30 minute summer	J10	1.010	J11	17.1	1.326	0.133	0.0321
30 minute summer	J11	1.011	S2	17.9	0.800	0.279	0.1278

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Results for 100 year +45% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J12	19	186.937	0.128	28.2	0.1446	0.0000	OK
30 minute summer	J13	19	186.913	0.211	28.5	0.2385	0.0000	OK
30 minute summer	J14	19	186.890	0.195	29.2	0.2210	0.0000	OK
30 minute summer	J15	19	186.860	0.172	30.0	0.1946	0.0000	OK
30 minute summer	J16	20	186.807	0.137	30.7	0.1551	0.0000	OK
30 minute summer	J17	19	186.467	0.109	31.5	0.1232	0.0000	OK
30 minute summer	J18	19	186.319	0.125	38.9	0.1410	0.0000	OK
30 minute summer	J19	19	186.212	0.185	39.6	0.2088	0.0000	OK
30 minute summer	J20	29	185.965	0.034	1.3	0.0380	0.0000	OK
30 minute summer	J21	29	185.937	0.042	2.1	0.0472	0.0000	OK
30 minute summer	J22	20	185.878	0.060	3.0	0.0677	0.0000	OK
30 minute summer	J23	19	185.868	0.085	3.4	0.0964	0.0000	OK
30 minute summer	J24	140	185.843	0.192	13.3	0.2177	0.0000	SURCHARGED
30 minute summer	J25	140	185.842	0.227	13.9	0.2569	0.0000	SURCHARGED
30 minute summer	J26	140	185.843	0.256	14.7	0.2896	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J12	1.013	J13	28.2	0.885	0.421	0.2005
30 minute summer	J13	1.014	J14	28.4	0.753	0.906	0.0714
30 minute summer	J14	1.015	J15	29.2	0.840	0.934	0.0663
30 minute summer	J15	1.016	J16	29.9	1.028	0.976	0.1484
30 minute summer	J16	1.017	J17	30.7	1.356	0.510	0.0760
30 minute summer	J17	1.018	S3	31.6	1.213	0.217	0.0501
30 minute summer	J18	1.020	J19	38.8	1.954	0.299	0.0311
30 minute summer	J19	1.021	S4	39.5	0.967	0.717	0.1796
30 minute summer	J20	23.002	J21	1.3	0.472	0.216	0.0102
30 minute summer	J21	23.003	J22	2.1	0.555	0.357	0.0312
30 minute summer	J22	23.004	J23	3.0	0.651	0.496	0.0214
30 minute summer	J23	23.005	S18	4.0	0.754	0.676	0.0560
30 minute summer	J24	23.007	J25	13.1	0.746	0.987	0.1088
30 minute summer	J25	23.008	J26	13.9	0.790	1.047	0.0874
30 minute summer	J26	23.009	S19	14.7	0.914	1.103	0.0652

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Results for 100 year +45% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J27	139	185.850	0.389	25.6	0.4394	0.0000	SURCHARGED
30 minute summer	J28	21	186.769	0.413	10.3	0.4672	0.0000	SURCHARGED
30 minute summer	J29	21	186.499	0.228	10.2	0.2574	0.0000	SURCHARGED
30 minute summer	J30	22	186.282	0.135	11.7	0.1525	0.0000	OK
30 minute summer	J31	22	186.248	0.129	12.6	0.1460	0.0000	OK
30 minute summer	J32	22	186.181	0.117	13.4	0.1319	0.0000	OK
30 minute summer	J33	19	185.727	0.117	20.5	0.1326	0.0000	OK
30 minute summer	J34	19	185.279	0.154	31.4	0.1745	0.0000	OK
30 minute summer	J35	19	185.184	0.108	32.2	0.1227	0.0000	OK
30 minute summer	J36	19	185.033	0.158	33.0	0.1787	0.0000	OK
30 minute summer	J37	20	184.833	0.258	41.5	0.2919	0.0000	SURCHARGED
30 minute summer	J38	20	184.734	0.359	43.4	0.4059	0.0000	SURCHARGED
30 minute summer	J39	20	184.625	0.287	44.3	0.3243	0.0000	SURCHARGED
30 minute summer	J40	20	184.566	0.241	47.3	0.2721	0.0000	SURCHARGED
30 minute summer	J41	18	184.655	0.058	3.3	0.0650	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J27	23.011	S4	25.5	0.928	0.853	0.0951
30 minute summer	J28	32.001	J29	9.6	1.223	1.615	0.0691
30 minute summer	J29	32.002	S12	10.1	1.289	1.700	0.0360
30 minute summer	J30	32.004	J31	11.7	0.714	0.883	0.0816
30 minute summer	J31	32.005	J32	12.5	0.812	0.942	0.1501
30 minute summer	J32	32.006	S13	13.4	1.106	1.006	0.0654
30 minute summer	J33	32.008	S14	20.4	1.205	0.574	0.1470
30 minute summer	J34	32.010	J35	31.4	1.306	0.814	0.2163
30 minute summer	J35	32.011	J36	32.2	1.322	0.362	0.1673
30 minute summer	J36	32.012	S15	33.2	1.382	1.107	0.0595
30 minute summer	J37	32.014	S16	40.0	1.397	1.316	0.2057
30 minute summer	J38	32.016	J39	43.4	1.092	1.438	0.4302
30 minute summer	J39	32.017	J40	44.3	1.114	1.439	0.1454
30 minute summer	J40	32.018	S10	47.3	1.223	1.099	0.3545
30 minute summer	J41	48.002	J42	3.3	0.677	0.553	0.0321

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Results for 100 year +45% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J42	19	184.606	0.069	4.1	0.0781	0.0000	OK
30 minute summer	J43	20	184.496	0.136	7.4	0.1541	0.0000	OK
30 minute summer	J44	20	184.490	0.140	8.1	0.1578	0.0000	OK
30 minute summer	J45	20	184.466	0.166	9.1	0.1882	0.0000	SURCHARGED
30 minute summer	J46	20	184.427	0.155	13.5	0.1755	0.0000	SURCHARGED
30 minute summer	J47	20	184.388	0.140	14.3	0.1588	0.0000	OK
30 minute summer	J48	20	184.326	0.172	18.0	0.1946	0.0000	OK
30 minute summer	J49	20	184.311	0.182	18.6	0.2063	0.0000	OK
30 minute summer	J50	20	184.301	0.176	19.4	0.1994	0.0000	OK
30 minute summer	J51	20	184.286	0.177	20.3	0.2007	0.0000	OK
30 minute summer	J52	20	184.272	0.167	21.1	0.1894	0.0000	OK
30 minute summer	J53	20	184.248	0.161	21.9	0.1819	0.0000	OK
30 minute summer	J54	19	185.044	0.065	3.6	0.0736	0.0000	OK
30 minute summer	J55	19	185.013	0.069	4.4	0.0781	0.0000	OK
30 minute summer	J56	19	184.189	0.222	41.0	0.2509	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J42	48.003	S21	4.0	0.572	0.680	0.0556
30 minute summer	J43	48.005	J44	7.3	0.577	0.519	0.0272
30 minute summer	J44	48.006	J45	8.3	0.507	0.620	0.1522
30 minute summer	J45	48.007	S22	9.3	0.526	0.682	0.0419
30 minute summer	J46	48.009	J47	13.5	0.769	1.012	0.0732
30 minute summer	J47	48.010	S23	14.3	0.909	1.075	0.0411
30 minute summer	J48	48.012	J49	17.8	0.545	0.595	0.2498
30 minute summer	J49	48.013	J50	18.6	0.552	0.608	0.0385
30 minute summer	J50	48.014	J51	19.4	0.581	0.650	0.1699
30 minute summer	J51	48.015	J52	20.2	0.628	0.661	0.0371
30 minute summer	J52	48.016	J53	21.1	0.714	0.692	0.1513
30 minute summer	J53	48.017	S24	22.2	0.867	0.736	0.3075
30 minute summer	J54	65.002	J55	3.6	0.649	0.607	0.0203
30 minute summer	J55	65.003	S24	4.4	0.796	0.749	0.0436
30 minute summer	J56	48.019	J57	40.9	0.752	0.754	0.4942

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Results for 100 year +45% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	J57	19	184.156	0.211	41.7	0.2386	0.0000	OK
30 minute summer	BASIN 1	114	185.837	0.837	67.6	107.4293	0.0000	SURCHARGED
30 minute summer	BASIN 2	270	184.465	0.165	1.5	14.8762	0.0000	OK
30 minute summer	BASIN 3	141	183.205	0.105	57.0	72.9900	0.0000	OK
30 minute summer	BASIN 4	148	183.906	0.576	41.5	80.3608	0.0000	SURCHARGED
30 minute summer	SWALE 1	116	184.964	0.032	1.3	0.0361	0.0000	OK
30 minute summer	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
30 minute summer	SWALE 3	20	184.285	0.215	57.1	0.2436	0.0000	OK
30 minute summer	BH1	270	184.465	0.388	1.0	1.9271	0.0000	OK
30 minute summer	BH2	122	183.205	0.153	5.3	2.3683	0.0000	OK
30 minute summer	BH3	146	183.906	0.600	13.3	4.4065	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	J57	48.020	S25	41.6	0.834	0.770	0.3947
30 minute summer	BASIN 1	1.023	S5	2.6	0.292	0.049	0.6013
30 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
30 minute summer	BASIN 2	71.000	BH1	1.0	0.541	0.178	0.1829
30 minute summer	BASIN 3	1.034	BH2	5.3	0.624	0.063	0.9108
30 minute summer	BASIN 4	48.022	BH3	13.3	1.080	0.248	0.7181
30 minute summer	SWALE 1	1.025	S6	1.3	0.317	0.024	0.1524
30 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
30 minute summer	SWALE 3	1.033	BASIN 3	57.0	1.139	0.822	2.1595
30 minute summer	BH1	Infiltration		0.1			
30 minute summer	BH2	Infiltration		0.2			
30 minute summer	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S1	20	188.494	0.124	5.0	0.1678	0.0000	SURCHARGED
30 minute winter	S2	19	187.204	0.165	26.8	0.2429	0.0000	OK
30 minute winter	S3	19	186.389	0.177	37.3	0.2305	0.0000	OK
30 minute winter	S4	127	185.921	0.543	65.7	0.6454	0.0000	SURCHARGED
30 minute winter	S5	127	185.922	0.942	2.8	1.0651	0.0000	SURCHARGED
30 minute winter	S6	130	184.877	0.033	1.3	0.0376	0.0000	OK
30 minute winter	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S9	20	184.347	0.147	1.1	0.1663	0.0000	OK
30 minute winter	S10	20	184.347	0.163	55.4	0.2487	0.0000	OK
30 minute winter	S11	20	186.915	0.515	11.4	0.8404	0.0000	SURCHARGED
30 minute winter	S12	23	186.309	0.133	10.9	0.1509	0.0000	OK
30 minute winter	S13	19	186.121	0.087	19.4	0.1238	0.0000	OK
30 minute winter	S14	19	185.573	0.323	30.0	0.5069	0.0000	SURCHARGED
30 minute winter	S15	19	184.979	0.112	38.5	0.1568	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	S1	1.000	J1	4.5	0.649	0.510	0.0642
30 minute winter	S2	1.012	J12	26.8	0.946	0.896	0.0422
30 minute winter	S3	1.019	J18	37.3	1.325	1.218	0.1429
30 minute winter	S4	1.022	BASIN 1	65.6	2.198	0.392	1.1778
30 minute winter	S5	1.024	SWALE 1	1.3	0.323	0.025	0.0845
30 minute winter	S6	1.026	BASIN 2	1.3	0.365	0.025	0.0211
30 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
30 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.2063
30 minute winter	S9	1.031	S10	-1.1	-0.164	-0.020	0.2454
30 minute winter	S10	1.032	SWALE 3	55.5	1.221	0.308	0.2005
30 minute winter	S11	32.000	J28	9.8	1.255	1.651	0.0355
30 minute winter	S12	32.003	J30	10.9	0.658	0.817	0.0846
30 minute winter	S13	32.007	J33	19.4	1.737	0.600	0.1585
30 minute winter	S14	32.009	J34	30.0	1.702	1.728	0.0913
30 minute winter	S15	32.013	J37	38.8	1.370	0.420	0.2778

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Results for 100 year +45% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S16	20	184.749	0.192	42.3	0.2426	0.0000	OK
30 minute winter	S17	31	186.019	0.019	0.5	0.0218	0.0000	OK
30 minute winter	S18	151	185.935	0.274	12.4	0.3866	0.0000	SURCHARGED
30 minute winter	S19	146	185.931	0.440	23.7	0.6021	0.0000	SURCHARGED
30 minute winter	S20	18	184.698	0.056	3.1	0.0684	0.0000	OK
30 minute winter	S21	19	184.569	0.110	6.4	0.1302	0.0000	SURCHARGED
30 minute winter	S22	20	184.451	0.165	12.6	0.2016	0.0000	SURCHARGED
30 minute winter	S23	20	184.334	0.176	17.0	0.2079	0.0000	OK
30 minute winter	S24	19	184.208	0.231	40.0	0.3352	0.0000	OK
30 minute winter	S25	19	184.113	0.187	40.9	0.2119	0.0000	OK
30 minute winter	S26	18	185.416	0.039	2.6	0.0470	0.0000	OK
30 minute winter	FC1	28	188.996	0.746	4.6	2.4884	0.0000	FLOOD RISK
30 minute winter	FC2	28	188.890	0.739	4.6	2.4817	0.0000	FLOOD RISK
30 minute winter	FC3	31	188.958	0.758	7.3	4.4367	0.0000	FLOOD RISK
30 minute winter	FC4	27	188.906	0.705	3.6	1.8007	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	S16	32.015	J38	41.6	1.094	0.283	0.0876
30 minute winter	S17	23.001	J20	0.5	0.385	0.081	0.0123
30 minute winter	S18	23.006	J24	12.0	0.681	0.874	0.0323
30 minute winter	S19	23.010	J27	23.6	0.769	0.787	0.3541
30 minute winter	S20	48.001	J41	3.1	0.695	0.522	0.0208
30 minute winter	S21	48.004	J43	6.4	0.829	1.081	0.0374
30 minute winter	S22	48.008	J46	12.6	0.714	0.937	0.0428
30 minute winter	S23	48.011	J48	16.9	0.532	0.550	0.0369
30 minute winter	S24	48.018	J56	39.9	0.705	0.746	0.2406
30 minute winter	S25	48.021	BASIN 4	40.8	0.980	0.740	0.1329
30 minute winter	S26	65.001	J54	2.6	0.945	0.296	0.0234
30 minute winter	FC1	2.000	J1	1.7	0.586	0.280	0.0372
30 minute winter	FC2	3.000	J2	1.4	0.365	0.233	0.0355
30 minute winter	FC3	4.000	J3	0.9	0.560	0.136	0.0255
30 minute winter	FC4	5.000	J4	0.8	0.625	0.110	0.0098

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Results for 100 year +45% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC5	29	188.728	0.728	4.6	2.4474	0.0000	FLOOD RISK
30 minute winter	FC6	27	188.567	0.717	3.6	1.7969	0.0000	FLOOD RISK
30 minute winter	FC7	27	188.466	0.716	3.6	1.7977	0.0000	FLOOD RISK
30 minute winter	FC8	28	188.485	0.735	4.6	2.4400	0.0000	FLOOD RISK
30 minute winter	FC9	27	188.186	0.716	3.6	1.8001	0.0000	FLOOD RISK
30 minute winter	FC10	30	188.226	0.756	6.4	3.7590	0.0000	FLOOD RISK
30 minute winter	FC11	28	188.042	0.722	4.1	2.1197	0.0000	FLOOD RISK
30 minute winter	FC12	28	187.954	0.724	4.1	2.1190	0.0000	FLOOD RISK
30 minute winter	FC13	28	187.744	0.744	4.6	2.4411	0.0000	FLOOD RISK
30 minute winter	FC14	31	187.137	0.237	4.6	3.0354	0.0000	SURCHARGED
30 minute winter	FC15	27	187.921	0.721	3.6	1.7906	0.0000	FLOOD RISK
30 minute winter	FC16	27	187.620	0.719	3.6	1.7986	0.0000	FLOOD RISK
30 minute winter	FC17	27	187.721	0.721	3.6	1.7928	0.0000	FLOOD RISK
30 minute winter	FC18	27	187.272	0.722	3.6	1.7986	0.0000	FLOOD RISK
30 minute winter	FC19	28	187.145	0.745	4.6	2.4408	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC5	6.000	J5	0.8	0.521	0.143	0.0067
30 minute winter	FC6	7.000	J6	0.8	0.690	0.097	0.0206
30 minute winter	FC7	8.000	J7	0.8	0.596	0.119	0.0248
30 minute winter	FC8	9.000	J8	0.9	0.742	0.088	0.0070
30 minute winter	FC9	10.000	J9	0.8	0.527	0.141	0.0115
30 minute winter	FC10	11.000	J10	0.9	0.572	0.130	0.0094
30 minute winter	FC11	12.000	J11	0.8	0.526	0.143	0.0124
30 minute winter	FC12	13.000	S2	0.8	0.525	0.143	0.0154
30 minute winter	FC13	14.000	J12	0.9	0.529	0.144	0.0111
30 minute winter	FC14	15.000	J13	0.5	0.448	0.080	0.0297
30 minute winter	FC15	16.000	J14	0.8	1.123	0.049	0.0150
30 minute winter	FC16	17.000	J15	0.8	0.561	0.130	0.0186
30 minute winter	FC17	18.000	J16	0.8	0.891	0.067	0.0046
30 minute winter	FC18	19.000	J17	0.8	0.525	0.143	0.0113
30 minute winter	FC19	20.000	S3	0.9	0.526	0.145	0.0188

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Results for 100 year +45% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC20	28	187.682	0.732	4.6	2.4371	0.0000	FLOOD RISK
30 minute winter	FC21	28	187.035	0.735	4.6	2.4442	0.0000	FLOOD RISK
30 minute winter	FC22	31	186.687	0.237	3.6	2.3067	0.0000	SURCHARGED
30 minute winter	FC23	27	187.018	0.718	3.6	1.7992	0.0000	FLOOD RISK
30 minute winter	FC24	28	187.037	0.737	4.6	2.4422	0.0000	FLOOD RISK
30 minute winter	FC25	28	187.284	0.734	4.6	2.4365	0.0000	FLOOD RISK
30 minute winter	FC26	31	186.679	0.229	3.6	2.3185	0.0000	SURCHARGED
30 minute winter	FC27	27	187.213	0.713	3.6	1.7928	0.0000	FLOOD RISK
30 minute winter	FC28	28	187.231	0.731	4.6	2.4377	0.0000	FLOOD RISK
30 minute winter	FC29	29	187.239	0.739	5.0	2.7406	0.0000	FLOOD RISK
30 minute winter	FC30	28	187.482	0.732	4.6	2.4381	0.0000	FLOOD RISK
30 minute winter	FC31	27	187.174	0.724	3.6	1.8976	0.0000	FLOOD RISK
30 minute winter	FC32	27	187.168	0.718	3.6	1.7984	0.0000	FLOOD RISK
30 minute winter	FC33	28	187.191	0.741	4.6	2.4351	0.0000	FLOOD RISK
30 minute winter	FC34	28	187.191	0.741	4.6	2.4420	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC20	21.000	J18	0.9	1.062	0.053	0.0035
30 minute winter	FC21	22.000	J19	0.9	0.527	0.144	0.0124
30 minute winter	FC22	23.000	S17	0.5	0.663	0.026	0.0036
30 minute winter	FC23	24.000	J20	0.8	0.545	0.133	0.0071
30 minute winter	FC24	25.000	J21	0.9	0.615	0.115	0.0064
30 minute winter	FC25	26.000	J22	0.9	1.055	0.054	0.0038
30 minute winter	FC26	27.000	J23	0.5	0.783	0.035	0.0028
30 minute winter	FC27	28.000	J24	0.8	1.158	0.046	0.0033
30 minute winter	FC28	29.000	J25	0.9	1.059	0.053	0.0035
30 minute winter	FC29	30.000	J26	0.9	1.032	0.056	0.0039
30 minute winter	FC30	31.000	J27	0.9	0.988	0.059	0.0038
30 minute winter	FC31	33.000	J28	1.6	0.606	0.181	0.0333
30 minute winter	FC32	34.000	J29	1.1	0.461	0.088	0.0243
30 minute winter	FC33	35.000	S12	0.9	0.972	0.061	0.0162
30 minute winter	FC34	36.000	J30	0.9	0.540	0.138	0.0075

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Results for 100 year +45% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC35	28	187.182	0.732	4.6	2.4378	0.0000	FLOOD RISK
30 minute winter	FC36	29	187.180	0.730	5.0	2.7433	0.0000	FLOOD RISK
30 minute winter	FC37	30	186.555	0.755	5.9	3.4176	0.0000	FLOOD RISK
30 minute winter	FC38	31	185.646	0.196	3.6	2.3622	0.0000	SURCHARGED
30 minute winter	FC39	27	186.153	0.703	3.6	1.7977	0.0000	FLOOD RISK
30 minute winter	FC40	29	186.190	0.690	4.6	2.4591	0.0000	SURCHARGED
30 minute winter	FC41	29	185.574	0.724	4.6	2.4433	0.0000	FLOOD RISK
30 minute winter	FC42	29	185.326	0.725	4.6	2.4632	0.0000	FLOOD RISK
30 minute winter	FC43	29	185.248	0.648	4.6	2.4714	0.0000	SURCHARGED
30 minute winter	FC44	17	184.640	0.040	3.6	0.0512	0.0000	OK
30 minute winter	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC46	30	185.456	0.756	6.4	3.7607	0.0000	FLOOD RISK
30 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
30 minute winter	FC48	28	185.535	0.735	4.6	2.4371	0.0000	FLOOD RISK
30 minute winter	FC49	28	185.536	0.736	4.6	2.4445	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC35	37.000	J31	0.9	0.976	0.060	0.0194
30 minute winter	FC36	38.000	J32	0.9	1.048	0.054	0.0161
30 minute winter	FC37	39.000	J33	0.9	0.705	0.098	0.0198
30 minute winter	FC38	40.000	J34	0.4	0.734	0.034	0.0049
30 minute winter	FC39	41.000	J35	0.8	0.980	0.058	0.0038
30 minute winter	FC40	42.000	J36	0.8	1.198	0.043	0.0071
30 minute winter	FC41	43.000	J37	0.8	0.786	0.081	0.0223
30 minute winter	FC42	44.000	J38	1.6	0.683	0.187	0.0386
30 minute winter	FC43	45.000	J39	0.8	0.787	0.074	0.0191
30 minute winter	FC44	46.000	J40	3.6	1.100	0.321	0.0232
30 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
30 minute winter	FC46	48.000	S20	0.9	0.514	0.145	0.0182
30 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0118
30 minute winter	FC48	50.000	J42	0.9	0.735	0.061	0.0149
30 minute winter	FC49	51.000	S21	0.9	0.522	0.144	0.0071

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Results for 100 year +45% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC50	28	185.538	0.738	4.6	2.4439	0.0000	FLOOD RISK
30 minute winter	FC51	29	185.574	0.724	4.6	2.4483	0.0000	FLOOD RISK
30 minute winter	FC52	30	185.985	0.735	5.5	3.0834	0.0000	FLOOD RISK
30 minute winter	FC53	28	185.984	0.734	4.6	2.4405	0.0000	FLOOD RISK
30 minute winter	FC54	27	185.965	0.715	3.6	1.7952	0.0000	FLOOD RISK
30 minute winter	FC55	27	185.960	0.710	3.6	1.7951	0.0000	FLOOD RISK
30 minute winter	FC56	28	186.081	0.731	4.6	2.4377	0.0000	FLOOD RISK
30 minute winter	FC57	28	186.085	0.735	4.6	2.4373	0.0000	FLOOD RISK
30 minute winter	FC58	27	186.062	0.712	3.6	1.7952	0.0000	FLOOD RISK
30 minute winter	FC59	27	186.069	0.719	3.6	1.7936	0.0000	FLOOD RISK
30 minute winter	FC60	28	186.086	0.736	4.6	2.4397	0.0000	FLOOD RISK
30 minute winter	FC61	28	186.036	0.736	4.6	2.4402	0.0000	FLOOD RISK
30 minute winter	FC62	31	186.011	0.761	6.8	4.1250	0.0000	FLOOD RISK
30 minute winter	FC63	27	186.115	0.715	3.6	1.8008	0.0000	FLOOD RISK
30 minute winter	FC64	28	185.899	0.899	4.6	2.3819	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC50	52.000	J43	0.9	0.523	0.144	0.0076
30 minute winter	FC51	55.000	S22	0.8	0.525	0.143	0.0099
30 minute winter	FC52	58.000	S23	0.9	0.767	0.085	0.0061
30 minute winter	FC53	61.000	J50	0.9	0.719	0.092	0.0051
30 minute winter	FC54	62.000	J51	0.8	0.795	0.078	0.0042
30 minute winter	FC55	64.000	J53	0.8	1.004	0.056	0.0035
30 minute winter	FC56	53.000	J44	0.9	1.042	0.055	0.0054
30 minute winter	FC57	54.000	J45	0.9	0.978	0.060	0.0057
30 minute winter	FC58	56.000	J46	0.8	0.935	0.063	0.0056
30 minute winter	FC59	57.000	J47	0.8	0.868	0.070	0.0062
30 minute winter	FC60	59.000	J48	0.9	0.862	0.072	0.0066
30 minute winter	FC61	60.000	J49	0.9	0.691	0.099	0.0091
30 minute winter	FC62	63.000	J52	0.9	0.639	0.113	0.0128
30 minute winter	FC63	65.000	S26	0.8	0.572	0.143	0.0053
30 minute winter	FC64	66.000	J54	1.0	0.383	0.166	0.0093

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Results for 100 year +45% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	FC65	28	185.891	0.741	4.6	2.4342	0.0000	FLOOD RISK
30 minute winter	FC66	28	185.741	0.741	4.6	2.4420	0.0000	FLOOD RISK
30 minute winter	FC67	31	185.026	0.226	3.6	2.3318	0.0000	SURCHARGED
30 minute winter	FC68	27	185.265	0.715	3.6	1.7973	0.0000	FLOOD RISK
30 minute winter	J1	20	188.440	0.240	9.7	0.3237	0.0000	SURCHARGED
30 minute winter	J2	20	188.269	0.163	10.2	0.1838	0.0000	SURCHARGED
30 minute winter	J3	20	188.146	0.100	11.1	0.1135	0.0000	OK
30 minute winter	J4	20	188.107	0.072	11.9	0.0816	0.0000	OK
30 minute winter	J5	20	187.972	0.062	12.7	0.0703	0.0000	OK
30 minute winter	J6	21	187.755	0.105	13.5	0.1190	0.0000	OK
30 minute winter	J7	21	187.716	0.116	14.3	0.1309	0.0000	OK
30 minute winter	J8	21	187.676	0.083	15.2	0.0936	0.0000	OK
30 minute winter	J9	21	187.382	0.107	16.0	0.1209	0.0000	OK
30 minute winter	J10	21	187.335	0.065	16.7	0.0739	0.0000	OK
30 minute winter	J11	21	187.218	0.097	17.7	0.1094	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	FC65	67.000	J55	0.9	0.863	0.046	0.0069
30 minute winter	FC66	68.000	S24	0.9	0.586	0.119	0.0031
30 minute winter	FC67	69.000	J56	0.5	0.431	0.078	0.0022
30 minute winter	FC68	70.000	J57	0.8	0.685	0.094	0.0028
30 minute winter	J1	1.001	J2	9.5	1.212	1.143	0.0393
30 minute winter	J2	1.002	J3	10.2	1.309	1.730	0.0080
30 minute winter	J3	1.003	J4	11.1	1.056	0.833	0.0204
30 minute winter	J4	1.004	J5	11.9	1.554	0.353	0.0270
30 minute winter	J5	1.005	J6	12.7	1.258	0.331	0.0570
30 minute winter	J6	1.006	J7	13.5	0.972	0.475	0.0273
30 minute winter	J7	1.007	J8	14.3	1.160	1.030	0.0139
30 minute winter	J8	1.008	J9	15.2	1.617	0.502	0.0795
30 minute winter	J9	1.009	J10	15.9	1.138	0.476	0.0169
30 minute winter	J10	1.010	J11	16.8	1.318	0.130	0.0316
30 minute winter	J11	1.011	S2	17.7	0.789	0.274	0.1264

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Results for 100 year +45% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J12	19	186.934	0.125	27.6	0.1415	0.0000	OK
30 minute winter	J13	19	186.910	0.208	27.9	0.2352	0.0000	OK
30 minute winter	J14	20	186.888	0.193	28.7	0.2184	0.0000	OK
30 minute winter	J15	20	186.858	0.170	29.4	0.1927	0.0000	OK
30 minute winter	J16	20	186.806	0.136	30.3	0.1538	0.0000	OK
30 minute winter	J17	20	186.465	0.107	31.1	0.1215	0.0000	OK
30 minute winter	J18	19	186.317	0.123	38.1	0.1389	0.0000	OK
30 minute winter	J19	19	186.210	0.183	38.9	0.2065	0.0000	OK
30 minute winter	J20	31	185.965	0.034	1.3	0.0388	0.0000	OK
30 minute winter	J21	31	185.937	0.042	2.2	0.0480	0.0000	OK
30 minute winter	J22	155	185.935	0.117	3.0	0.1322	0.0000	SURCHARGED
30 minute winter	J23	155	185.935	0.152	3.5	0.1717	0.0000	SURCHARGED
30 minute winter	J24	154	185.935	0.285	12.8	0.3218	0.0000	SURCHARGED
30 minute winter	J25	154	185.934	0.319	13.6	0.3607	0.0000	SURCHARGED
30 minute winter	J26	157	185.935	0.348	14.3	0.3941	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J12	1.013	J13	27.6	0.879	0.411	0.1974
30 minute winter	J13	1.014	J14	27.9	0.746	0.888	0.0708
30 minute winter	J14	1.015	J15	28.6	0.834	0.917	0.0657
30 minute winter	J15	1.016	J16	29.5	1.023	0.963	0.1470
30 minute winter	J16	1.017	J17	30.3	1.351	0.503	0.0753
30 minute winter	J17	1.018	S3	31.1	1.208	0.214	0.0492
30 minute winter	J18	1.020	J19	38.0	1.959	0.293	0.0304
30 minute winter	J19	1.021	S4	38.8	0.962	0.704	0.1773
30 minute winter	J20	23.002	J21	1.3	0.477	0.224	0.0105
30 minute winter	J21	23.003	J22	2.2	0.559	0.367	0.0429
30 minute winter	J22	23.004	J23	3.0	0.666	0.508	0.0281
30 minute winter	J23	23.005	S18	3.7	0.759	0.624	0.0587
30 minute winter	J24	23.007	J25	12.7	0.724	0.957	0.1088
30 minute winter	J25	23.008	J26	13.5	0.769	1.018	0.0874
30 minute winter	J26	23.009	S19	14.3	0.906	1.075	0.0652

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Results for 100 year +45% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J27	158	185.949	0.488	24.4	0.5515	0.0000	SURCHARGED
30 minute winter	J28	21	186.767	0.411	9.8	0.4647	0.0000	SURCHARGED
30 minute winter	J29	22	186.499	0.228	10.2	0.2578	0.0000	SURCHARGED
30 minute winter	J30	23	186.282	0.135	11.8	0.1532	0.0000	OK
30 minute winter	J31	23	186.249	0.130	12.6	0.1468	0.0000	OK
30 minute winter	J32	23	186.182	0.117	13.4	0.1329	0.0000	OK
30 minute winter	J33	19	185.720	0.109	20.2	0.1238	0.0000	OK
30 minute winter	J34	19	185.276	0.151	30.3	0.1705	0.0000	OK
30 minute winter	J35	19	185.181	0.106	31.1	0.1198	0.0000	OK
30 minute winter	J36	19	185.032	0.157	31.9	0.1771	0.0000	OK
30 minute winter	J37	20	184.808	0.233	39.6	0.2633	0.0000	SURCHARGED
30 minute winter	J38	20	184.717	0.342	42.3	0.3871	0.0000	SURCHARGED
30 minute winter	J39	20	184.614	0.276	43.0	0.3117	0.0000	SURCHARGED
30 minute winter	J40	20	184.558	0.233	46.1	0.2638	0.0000	SURCHARGED
30 minute winter	J41	18	184.652	0.055	3.1	0.0626	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J27	23.011	S4	24.3	0.912	0.814	0.0951
30 minute winter	J28	32.001	J29	9.5	1.208	1.596	0.0691
30 minute winter	J29	32.002	S12	10.1	1.291	1.702	0.0360
30 minute winter	J30	32.004	J31	11.7	0.713	0.884	0.0819
30 minute winter	J31	32.005	J32	12.6	0.811	0.947	0.1510
30 minute winter	J32	32.006	S13	13.4	1.101	1.011	0.0662
30 minute winter	J33	32.008	S14	20.2	1.202	0.569	0.1424
30 minute winter	J34	32.010	J35	30.3	1.296	0.786	0.2104
30 minute winter	J35	32.011	J36	31.1	1.308	0.349	0.1644
30 minute winter	J36	32.012	S15	32.0	1.342	1.066	0.0584
30 minute winter	J37	32.014	S16	38.9	1.397	1.277	0.1967
30 minute winter	J38	32.016	J39	42.2	1.062	1.399	0.4302
30 minute winter	J39	32.017	J40	43.0	1.081	1.396	0.1454
30 minute winter	J40	32.018	S10	46.1	1.208	1.070	0.3527
30 minute winter	J41	48.002	J42	3.1	0.666	0.522	0.0296

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Results for 100 year +45% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J42	19	184.599	0.062	3.9	0.0702	0.0000	OK
30 minute winter	J43	20	184.490	0.130	7.2	0.1465	0.0000	OK
30 minute winter	J44	20	184.483	0.133	7.9	0.1503	0.0000	OK
30 minute winter	J45	20	184.463	0.163	8.8	0.1846	0.0000	SURCHARGED
30 minute winter	J46	20	184.425	0.153	13.4	0.1733	0.0000	SURCHARGED
30 minute winter	J47	20	184.387	0.139	14.2	0.1574	0.0000	OK
30 minute winter	J48	20	184.325	0.171	17.8	0.1936	0.0000	OK
30 minute winter	J49	20	184.311	0.182	18.6	0.2053	0.0000	OK
30 minute winter	J50	20	184.300	0.175	19.4	0.1983	0.0000	OK
30 minute winter	J51	20	184.285	0.177	20.2	0.1996	0.0000	OK
30 minute winter	J52	20	184.271	0.166	21.0	0.1883	0.0000	OK
30 minute winter	J53	20	184.247	0.160	21.9	0.1809	0.0000	OK
30 minute winter	J54	19	185.042	0.063	3.5	0.0715	0.0000	OK
30 minute winter	J55	19	185.011	0.067	4.3	0.0763	0.0000	OK
30 minute winter	J56	19	184.186	0.219	40.3	0.2480	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J42	48.003	S21	3.9	0.574	0.659	0.0529
30 minute winter	J43	48.005	J44	7.1	0.572	0.507	0.0262
30 minute winter	J44	48.006	J45	8.0	0.506	0.596	0.1496
30 minute winter	J45	48.007	S22	8.9	0.504	0.655	0.0419
30 minute winter	J46	48.009	J47	13.4	0.765	1.003	0.0730
30 minute winter	J47	48.010	S23	14.2	0.905	1.065	0.0409
30 minute winter	J48	48.012	J49	17.7	0.538	0.593	0.2485
30 minute winter	J49	48.013	J50	18.5	0.550	0.605	0.0383
30 minute winter	J50	48.014	J51	19.3	0.581	0.647	0.1690
30 minute winter	J51	48.015	J52	20.2	0.626	0.658	0.0368
30 minute winter	J52	48.016	J53	21.1	0.707	0.691	0.1503
30 minute winter	J53	48.017	S24	22.0	0.858	0.730	0.3036
30 minute winter	J54	65.002	J55	3.4	0.640	0.583	0.0197
30 minute winter	J55	65.003	S24	4.3	0.791	0.725	0.0425
30 minute winter	J56	48.019	J57	40.2	0.748	0.741	0.4884

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Results for 100 year +45% CC 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.84%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	J57	19	184.154	0.209	41.0	0.2361	0.0000	OK
30 minute winter	BASIN 1	127	185.922	0.922	65.6	120.3069	0.0000	SURCHARGED
30 minute winter	BASIN 2	270	184.474	0.174	1.6	15.7361	0.0000	OK
30 minute winter	BASIN 3	149	183.218	0.118	55.3	82.2113	0.0000	OK
30 minute winter	BASIN 4	155	183.971	0.641	45.1	90.5588	0.0000	SURCHARGED
30 minute winter	SWALE 1	129	184.965	0.033	1.3	0.0370	0.0000	OK
30 minute winter	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
30 minute winter	SWALE 3	20	184.281	0.211	55.5	0.2383	0.0000	OK
30 minute winter	BH1	270	184.474	0.397	1.1	1.9533	0.0000	OK
30 minute winter	BH2	139	183.219	0.167	6.1	2.4332	0.0000	OK
30 minute winter	BH3	156	183.971	0.665	13.0	4.7104	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute winter	J57	48.020	S25	40.9	0.829	0.758	0.3903
30 minute winter	BASIN 1	1.023	S5	2.8	0.305	0.052	0.6013
30 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
30 minute winter	BASIN 2	71.000	BH1	1.1	0.545	0.184	0.1829
30 minute winter	BASIN 3	1.034	BH2	6.1	0.639	0.073	1.0368
30 minute winter	BASIN 4	48.022	BH3	13.0	1.081	0.243	0.7181
30 minute winter	SWALE 1	1.025	S6	1.3	0.322	0.025	0.1576
30 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
30 minute winter	SWALE 3	1.033	BASIN 3	55.3	1.130	0.797	2.1133
30 minute winter	BH1	Infiltration		0.1			
30 minute winter	BH2	Infiltration		0.2			
30 minute winter	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S1	34	188.425	0.055	4.2	0.0743	0.0000	OK
60 minute summer	S2	34	187.195	0.156	24.3	0.2297	0.0000	OK
60 minute summer	S3	34	186.378	0.166	33.8	0.2157	0.0000	OK
60 minute summer	S4	142	186.018	0.640	59.2	0.7606	0.0000	SURCHARGED
60 minute summer	S5	143	186.017	1.037	1.9	1.1731	0.0000	SURCHARGED
60 minute summer	S6	146	184.878	0.034	1.4	0.0385	0.0000	OK
60 minute summer	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
60 minute summer	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
60 minute summer	S9	34	184.335	0.135	0.7	0.1522	0.0000	OK
60 minute summer	S10	34	184.335	0.151	49.8	0.2297	0.0000	OK
60 minute summer	S11	35	186.778	0.378	9.5	0.6161	0.0000	SURCHARGED
60 minute summer	S12	37	186.296	0.120	9.9	0.1353	0.0000	OK
60 minute summer	S13	34	186.117	0.082	17.4	0.1173	0.0000	OK
60 minute summer	S14	34	185.522	0.272	26.5	0.4271	0.0000	SURCHARGED
60 minute summer	S15	34	184.969	0.102	33.8	0.1423	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	S1	1.000	J1	4.2	0.631	0.477	0.0502
60 minute summer	S2	1.012	J12	24.3	0.913	0.814	0.0397
60 minute summer	S3	1.019	J18	33.8	1.298	1.104	0.1326
60 minute summer	S4	1.022	BASIN 1	59.2	1.908	0.353	1.1778
60 minute summer	S5	1.024	SWALE 1	1.4	0.328	0.026	0.0875
60 minute summer	S6	1.026	BASIN 2	1.4	0.372	0.026	0.0218
60 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
60 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.1839
60 minute summer	S9	1.031	S10	-0.7	-0.118	-0.014	0.2205
60 minute summer	S10	1.032	SWALE 3	49.5	1.200	0.275	0.1823
60 minute summer	S11	32.000	J28	8.3	1.066	1.402	0.0355
60 minute summer	S12	32.003	J30	9.9	0.648	0.738	0.0776
60 minute summer	S13	32.007	J33	17.4	1.730	0.540	0.1365
60 minute summer	S14	32.009	J34	26.5	1.505	1.528	0.0910
60 minute summer	S15	32.013	J37	33.8	1.363	0.366	0.2322

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Results for 100 year +45% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S16	35	184.679	0.122	37.4	0.1542	0.0000	OK
60 minute summer	S17	154	186.030	0.030	0.5	0.0337	0.0000	OK
60 minute summer	S18	153	186.029	0.368	11.0	0.5195	0.0000	SURCHARGED
60 minute summer	S19	153	186.026	0.535	21.0	0.7330	0.0000	SURCHARGED
60 minute summer	S20	33	184.693	0.051	2.7	0.0626	0.0000	OK
60 minute summer	S21	34	184.550	0.091	5.8	0.1077	0.0000	OK
60 minute summer	S22	35	184.435	0.149	11.6	0.1817	0.0000	OK
60 minute summer	S23	35	184.323	0.165	15.7	0.1952	0.0000	OK
60 minute summer	S24	34	184.193	0.216	36.2	0.3140	0.0000	OK
60 minute summer	S25	34	184.104	0.178	37.2	0.2009	0.0000	OK
60 minute summer	S26	33	185.413	0.036	2.3	0.0438	0.0000	OK
60 minute summer	FC1	44	188.975	0.725	3.8	2.2068	0.0000	FLOOD RISK
60 minute summer	FC2	44	188.870	0.720	3.8	2.2132	0.0000	FLOOD RISK
60 minute summer	FC3	49	188.947	0.747	6.1	4.1558	0.0000	FLOOD RISK
60 minute summer	FC4	42	188.888	0.688	3.0	1.5918	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	S16	32.015	J38	37.2	1.078	0.253	0.0713
60 minute summer	S17	23.001	J20	0.5	0.325	0.092	0.0349
60 minute summer	S18	23.006	J24	10.9	0.638	0.795	0.0323
60 minute summer	S19	23.010	J27	20.9	0.742	0.698	0.3541
60 minute summer	S20	48.001	J41	2.7	0.675	0.455	0.0186
60 minute summer	S21	48.004	J43	5.7	0.816	0.971	0.0357
60 minute summer	S22	48.008	J46	11.6	0.666	0.863	0.0423
60 minute summer	S23	48.011	J48	15.6	0.520	0.508	0.0345
60 minute summer	S24	48.018	J56	36.2	0.684	0.676	0.2246
60 minute summer	S25	48.021	BASIN 4	37.1	0.950	0.673	0.1248
60 minute summer	S26	65.001	J54	2.3	0.915	0.262	0.0213
60 minute summer	FC1	2.000	J1	1.4	0.580	0.224	0.0372
60 minute summer	FC2	3.000	J2	1.2	0.362	0.198	0.0355
60 minute summer	FC3	4.000	J3	0.9	0.559	0.135	0.0228
60 minute summer	FC4	5.000	J4	0.8	0.623	0.109	0.0097

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Results for 100 year +45% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC5	44	188.711	0.711	3.8	2.1854	0.0000	FLOOD RISK
60 minute summer	FC6	42	188.547	0.697	3.0	1.5872	0.0000	SURCHARGED
60 minute summer	FC7	42	188.446	0.696	3.0	1.5896	0.0000	SURCHARGED
60 minute summer	FC8	44	188.466	0.716	3.8	2.1768	0.0000	FLOOD RISK
60 minute summer	FC9	42	188.166	0.696	3.0	1.5924	0.0000	SURCHARGED
60 minute summer	FC10	47	188.212	0.742	5.3	3.4612	0.0000	FLOOD RISK
60 minute summer	FC11	43	188.023	0.703	3.4	1.8774	0.0000	FLOOD RISK
60 minute summer	FC12	43	187.935	0.704	3.4	1.8770	0.0000	FLOOD RISK
60 minute summer	FC13	44	187.724	0.724	3.8	2.1799	0.0000	FLOOD RISK
60 minute summer	FC14	53	187.135	0.235	3.8	3.0022	0.0000	SURCHARGED
60 minute summer	FC15	42	187.899	0.699	3.0	1.5811	0.0000	SURCHARGED
60 minute summer	FC16	42	187.599	0.699	3.0	1.5902	0.0000	SURCHARGED
60 minute summer	FC17	42	187.699	0.699	3.0	1.5833	0.0000	SURCHARGED
60 minute summer	FC18	42	187.251	0.701	3.0	1.5913	0.0000	FLOOD RISK
60 minute summer	FC19	44	187.125	0.725	3.8	2.1796	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC5	6.000	J5	0.8	0.519	0.141	0.0067
60 minute summer	FC6	7.000	J6	0.8	0.687	0.096	0.0183
60 minute summer	FC7	8.000	J7	0.8	0.590	0.117	0.0227
60 minute summer	FC8	9.000	J8	0.8	0.739	0.087	0.0062
60 minute summer	FC9	10.000	J9	0.8	0.525	0.139	0.0114
60 minute summer	FC10	11.000	J10	0.9	0.571	0.129	0.0094
60 minute summer	FC11	12.000	J11	0.8	0.524	0.141	0.0123
60 minute summer	FC12	13.000	S2	0.8	0.523	0.141	0.0125
60 minute summer	FC13	14.000	J12	0.8	0.527	0.142	0.0110
60 minute summer	FC14	15.000	J13	0.5	0.447	0.079	0.0256
60 minute summer	FC15	16.000	J14	0.8	1.118	0.048	0.0123
60 minute summer	FC16	17.000	J15	0.8	0.558	0.128	0.0148
60 minute summer	FC17	18.000	J16	0.8	0.887	0.066	0.0045
60 minute summer	FC18	19.000	J17	0.8	0.523	0.141	0.0111
60 minute summer	FC19	20.000	S3	0.8	0.524	0.143	0.0150

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Results for 100 year +45% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC20	44	187.664	0.714	3.8	2.1730	0.0000	FLOOD RISK
60 minute summer	FC21	44	187.016	0.716	3.8	2.1829	0.0000	FLOOD RISK
60 minute summer	FC22	48	186.680	0.230	3.0	2.2357	0.0000	SURCHARGED
60 minute summer	FC23	42	186.998	0.698	3.0	1.5916	0.0000	SURCHARGED
60 minute summer	FC24	44	187.018	0.718	3.8	2.1803	0.0000	FLOOD RISK
60 minute summer	FC25	44	187.265	0.715	3.8	2.1725	0.0000	FLOOD RISK
60 minute summer	FC26	48	186.673	0.223	3.0	2.2513	0.0000	SURCHARGED
60 minute summer	FC27	42	187.193	0.693	3.0	1.5828	0.0000	SURCHARGED
60 minute summer	FC28	44	187.212	0.712	3.8	2.1736	0.0000	FLOOD RISK
60 minute summer	FC29	45	187.224	0.724	4.2	2.4932	0.0000	FLOOD RISK
60 minute summer	FC30	44	187.464	0.713	3.8	2.1734	0.0000	FLOOD RISK
60 minute summer	FC31	42	187.150	0.700	3.0	1.6495	0.0000	FLOOD RISK
60 minute summer	FC32	42	187.147	0.697	3.0	1.5836	0.0000	SURCHARGED
60 minute summer	FC33	44	187.171	0.721	3.8	2.1706	0.0000	FLOOD RISK
60 minute summer	FC34	44	187.171	0.721	3.8	2.1811	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC20	21.000	J18	0.8	1.058	0.053	0.0035
60 minute summer	FC21	22.000	J19	0.8	0.525	0.142	0.0122
60 minute summer	FC22	23.000	S17	0.5	0.640	0.025	0.0052
60 minute summer	FC23	24.000	J20	0.8	0.543	0.131	0.0070
60 minute summer	FC24	25.000	J21	0.8	0.613	0.113	0.0064
60 minute summer	FC25	26.000	J22	0.8	1.051	0.053	0.0038
60 minute summer	FC26	27.000	J23	0.5	0.779	0.035	0.0027
60 minute summer	FC27	28.000	J24	0.8	1.153	0.046	0.0032
60 minute summer	FC28	29.000	J25	0.8	1.056	0.053	0.0035
60 minute summer	FC29	30.000	J26	0.8	1.029	0.055	0.0039
60 minute summer	FC30	31.000	J27	0.8	0.985	0.058	0.0038
60 minute summer	FC31	33.000	J28	1.5	0.598	0.167	0.0333
60 minute summer	FC32	34.000	J29	0.8	0.453	0.066	0.0182
60 minute summer	FC33	35.000	S12	0.8	0.968	0.060	0.0138
60 minute summer	FC34	36.000	J30	0.8	0.538	0.136	0.0075

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Results for 100 year +45% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC35	44	187.164	0.713	3.8	2.1731	0.0000	FLOOD RISK
60 minute summer	FC36	45	187.166	0.716	4.2	2.4956	0.0000	FLOOD RISK
60 minute summer	FC37	46	186.540	0.740	4.9	3.1293	0.0000	FLOOD RISK
60 minute summer	FC38	49	185.642	0.192	3.0	2.3112	0.0000	SURCHARGED
60 minute summer	FC39	42	186.135	0.685	3.0	1.5865	0.0000	SURCHARGED
60 minute summer	FC40	44	186.171	0.671	3.8	2.1955	0.0000	SURCHARGED
60 minute summer	FC41	44	185.557	0.707	3.8	2.1796	0.0000	FLOOD RISK
60 minute summer	FC42	44	185.308	0.708	3.8	2.1869	0.0000	FLOOD RISK
60 minute summer	FC43	44	185.244	0.644	3.8	2.2030	0.0000	SURCHARGED
60 minute summer	FC44	31	184.636	0.036	3.0	0.0461	0.0000	OK
60 minute summer	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
60 minute summer	FC46	47	185.442	0.742	5.3	3.4626	0.0000	FLOOD RISK
60 minute summer	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute summer	FC48	44	185.516	0.716	3.8	2.1724	0.0000	FLOOD RISK
60 minute summer	FC49	44	185.517	0.717	3.8	2.1829	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC35	37.000	J31	0.8	0.969	0.059	0.0170
60 minute summer	FC36	38.000	J32	0.8	1.042	0.054	0.0146
60 minute summer	FC37	39.000	J33	0.9	0.703	0.097	0.0135
60 minute summer	FC38	40.000	J34	0.4	0.731	0.034	0.0029
60 minute summer	FC39	41.000	J35	0.8	0.977	0.057	0.0038
60 minute summer	FC40	42.000	J36	0.8	1.193	0.043	0.0044
60 minute summer	FC41	43.000	J37	0.8	0.783	0.080	0.0113
60 minute summer	FC42	44.000	J38	1.2	0.681	0.144	0.0308
60 minute summer	FC43	45.000	J39	0.8	0.786	0.074	0.0191
60 minute summer	FC44	46.000	J40	3.0	1.100	0.267	0.0193
60 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
60 minute summer	FC46	48.000	S20	0.9	0.512	0.144	0.0167
60 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0105
60 minute summer	FC48	50.000	J42	0.8	0.643	0.060	0.0132
60 minute summer	FC49	51.000	S21	0.8	0.520	0.142	0.0070

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Results for 100 year +45% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC50	44	185.519	0.719	3.8	2.1823	0.0000	FLOOD RISK
60 minute summer	FC51	44	185.557	0.707	3.8	2.1861	0.0000	FLOOD RISK
60 minute summer	FC52	46	185.971	0.721	4.6	2.8012	0.0000	FLOOD RISK
60 minute summer	FC53	44	185.965	0.715	3.8	2.1774	0.0000	FLOOD RISK
60 minute summer	FC54	42	185.945	0.695	3.0	1.5862	0.0000	SURCHARGED
60 minute summer	FC55	42	185.941	0.691	3.0	1.5848	0.0000	SURCHARGED
60 minute summer	FC56	44	186.063	0.713	3.8	2.1737	0.0000	FLOOD RISK
60 minute summer	FC57	44	186.066	0.716	3.8	2.1726	0.0000	FLOOD RISK
60 minute summer	FC58	42	186.043	0.693	3.0	1.5849	0.0000	SURCHARGED
60 minute summer	FC59	42	186.048	0.698	3.0	1.5841	0.0000	SURCHARGED
60 minute summer	FC60	44	186.067	0.717	3.8	2.1743	0.0000	FLOOD RISK
60 minute summer	FC61	44	186.017	0.717	3.8	2.1780	0.0000	FLOOD RISK
60 minute summer	FC62	48	185.997	0.747	5.7	3.8012	0.0000	FLOOD RISK
60 minute summer	FC63	42	186.095	0.695	3.0	1.5936	0.0000	SURCHARGED
60 minute summer	FC64	43	185.874	0.874	3.8	2.1186	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC50	52.000	J43	0.8	0.521	0.142	0.0076
60 minute summer	FC51	55.000	S22	0.8	0.523	0.141	0.0098
60 minute summer	FC52	58.000	S23	0.8	0.764	0.084	0.0060
60 minute summer	FC53	61.000	J50	0.8	0.716	0.091	0.0050
60 minute summer	FC54	62.000	J51	0.8	0.791	0.077	0.0042
60 minute summer	FC55	64.000	J53	0.8	1.000	0.056	0.0035
60 minute summer	FC56	53.000	J44	0.8	1.038	0.054	0.0053
60 minute summer	FC57	54.000	J45	0.8	0.974	0.060	0.0056
60 minute summer	FC58	56.000	J46	0.8	0.932	0.062	0.0055
60 minute summer	FC59	57.000	J47	0.8	0.864	0.069	0.0062
60 minute summer	FC60	59.000	J48	0.8	0.859	0.071	0.0065
60 minute summer	FC61	60.000	J49	0.8	0.688	0.098	0.0091
60 minute summer	FC62	63.000	J52	0.9	0.638	0.112	0.0127
60 minute summer	FC63	65.000	S26	0.8	0.565	0.140	0.0051
60 minute summer	FC64	66.000	J54	1.0	0.383	0.162	0.0084

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Results for 100 year +45% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	FC65	44	185.871	0.721	3.8	2.1692	0.0000	FLOOD RISK
60 minute summer	FC66	44	185.722	0.722	3.8	2.1792	0.0000	FLOOD RISK
60 minute summer	FC67	48	185.020	0.220	3.0	2.2690	0.0000	SURCHARGED
60 minute summer	FC68	42	185.245	0.695	3.0	1.5882	0.0000	SURCHARGED
60 minute summer	J1	34	188.389	0.189	8.7	0.2559	0.0000	SURCHARGED
60 minute summer	J2	35	188.253	0.147	9.2	0.1666	0.0000	SURCHARGED
60 minute summer	J3	35	188.141	0.095	10.0	0.1071	0.0000	OK
60 minute summer	J4	35	188.103	0.068	10.8	0.0771	0.0000	OK
60 minute summer	J5	35	187.969	0.059	11.7	0.0666	0.0000	OK
60 minute summer	J6	35	187.749	0.099	12.5	0.1120	0.0000	OK
60 minute summer	J7	36	187.710	0.110	13.3	0.1244	0.0000	OK
60 minute summer	J8	36	187.672	0.079	14.1	0.0891	0.0000	OK
60 minute summer	J9	36	187.378	0.103	14.9	0.1161	0.0000	OK
60 minute summer	J10	36	187.333	0.062	15.5	0.0707	0.0000	OK
60 minute summer	J11	36	187.213	0.092	16.5	0.1038	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	FC65	67.000	J55	0.8	0.695	0.045	0.0066
60 minute summer	FC66	68.000	S24	0.8	0.584	0.117	0.0031
60 minute summer	FC67	69.000	J56	0.5	0.429	0.077	0.0022
60 minute summer	FC68	70.000	J57	0.8	0.683	0.092	0.0028
60 minute summer	J1	1.001	J2	8.5	1.083	1.022	0.0393
60 minute summer	J2	1.002	J3	9.2	1.176	1.554	0.0080
60 minute summer	J3	1.003	J4	10.0	1.028	0.755	0.0190
60 minute summer	J4	1.004	J5	10.8	1.528	0.323	0.0251
60 minute summer	J5	1.005	J6	11.7	1.241	0.305	0.0532
60 minute summer	J6	1.006	J7	12.4	0.950	0.438	0.0257
60 minute summer	J7	1.007	J8	13.2	1.136	0.950	0.0131
60 minute summer	J8	1.008	J9	14.1	1.590	0.466	0.0749
60 minute summer	J9	1.009	J10	14.7	1.111	0.439	0.0160
60 minute summer	J10	1.010	J11	15.7	1.311	0.122	0.0296
60 minute summer	J11	1.011	S2	16.5	0.768	0.257	0.1188

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Results for 100 year +45% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J12	34	186.924	0.115	25.1	0.1296	0.0000	OK
60 minute summer	J13	35	186.897	0.195	25.5	0.2205	0.0000	OK
60 minute summer	J14	35	186.876	0.181	26.2	0.2051	0.0000	OK
60 minute summer	J15	35	186.848	0.160	27.0	0.1813	0.0000	OK
60 minute summer	J16	35	186.799	0.129	27.9	0.1459	0.0000	OK
60 minute summer	J17	35	186.458	0.100	28.7	0.1127	0.0000	OK
60 minute summer	J18	35	186.309	0.115	34.6	0.1297	0.0000	OK
60 minute summer	J19	35	186.201	0.174	35.4	0.1962	0.0000	OK
60 minute summer	J20	154	186.030	0.099	1.3	0.1117	0.0000	OK
60 minute summer	J21	153	186.029	0.134	2.1	0.1518	0.0000	SURCHARGED
60 minute summer	J22	153	186.029	0.211	3.0	0.2388	0.0000	SURCHARGED
60 minute summer	J23	153	186.029	0.246	3.4	0.2783	0.0000	SURCHARGED
60 minute summer	J24	153	186.029	0.379	11.7	0.4282	0.0000	SURCHARGED
60 minute summer	J25	153	186.030	0.415	12.4	0.4695	0.0000	SURCHARGED
60 minute summer	J26	153	186.029	0.442	13.2	0.5002	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J12	1.013	J13	25.1	0.864	0.374	0.1837
60 minute summer	J13	1.014	J14	25.4	0.717	0.808	0.0672
60 minute summer	J14	1.015	J15	26.2	0.811	0.840	0.0619
60 minute summer	J15	1.016	J16	27.0	1.003	0.884	0.1379
60 minute summer	J16	1.017	J17	27.9	1.325	0.463	0.0707
60 minute summer	J17	1.018	S3	28.7	1.194	0.197	0.0456
60 minute summer	J18	1.020	J19	34.6	1.954	0.266	0.0276
60 minute summer	J19	1.021	S4	35.5	0.934	0.643	0.1669
60 minute summer	J20	23.002	J21	1.3	0.475	0.220	0.0295
60 minute summer	J21	23.003	J22	2.1	0.557	0.362	0.0627
60 minute summer	J22	23.004	J23	3.0	0.669	0.501	0.0281
60 minute summer	J23	23.005	S18	3.4	0.757	0.583	0.0587
60 minute summer	J24	23.007	J25	11.6	0.681	0.871	0.1088
60 minute summer	J25	23.008	J26	12.4	0.739	0.935	0.0874
60 minute summer	J26	23.009	S19	13.2	0.882	0.994	0.0652

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Results for 100 year +45% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J27	153	186.037	0.576	21.7	0.6516	0.0000	SURCHARGED
60 minute summer	J28	36	186.669	0.313	8.6	0.3545	0.0000	SURCHARGED
60 minute summer	J29	36	186.463	0.192	9.1	0.2169	0.0000	SURCHARGED
60 minute summer	J30	37	186.270	0.123	10.7	0.1392	0.0000	OK
60 minute summer	J31	37	186.238	0.119	11.5	0.1350	0.0000	OK
60 minute summer	J32	37	186.175	0.111	12.3	0.1258	0.0000	OK
60 minute summer	J33	34	185.700	0.090	18.2	0.1021	0.0000	OK
60 minute summer	J34	34	185.265	0.140	26.8	0.1579	0.0000	OK
60 minute summer	J35	34	185.172	0.097	27.6	0.1101	0.0000	OK
60 minute summer	J36	34	185.020	0.145	28.4	0.1638	0.0000	OK
60 minute summer	J37	34	184.746	0.170	34.6	0.1928	0.0000	OK
60 minute summer	J38	35	184.657	0.282	37.8	0.3184	0.0000	SURCHARGED
60 minute summer	J39	35	184.575	0.237	38.7	0.2676	0.0000	SURCHARGED
60 minute summer	J40	35	184.527	0.202	41.3	0.2283	0.0000	OK
60 minute summer	J41	33	184.648	0.051	2.7	0.0574	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J27	23.011	S4	21.7	0.879	0.728	0.0951
60 minute summer	J28	32.001	J29	8.3	1.056	1.395	0.0691
60 minute summer	J29	32.002	S12	9.0	1.156	1.524	0.0358
60 minute summer	J30	32.004	J31	10.7	0.701	0.805	0.0759
60 minute summer	J31	32.005	J32	11.5	0.792	0.866	0.1415
60 minute summer	J32	32.006	S13	12.3	1.062	0.927	0.0627
60 minute summer	J33	32.008	S14	18.2	1.145	0.513	0.1302
60 minute summer	J34	32.010	J35	26.8	1.267	0.696	0.1909
60 minute summer	J35	32.011	J36	27.6	1.270	0.310	0.1492
60 minute summer	J36	32.012	S15	28.4	1.285	0.947	0.0527
60 minute summer	J37	32.014	S16	34.5	1.373	1.133	0.1404
60 minute summer	J38	32.016	J39	37.9	0.952	1.254	0.4302
60 minute summer	J39	32.017	J40	38.7	0.980	1.256	0.1414
60 minute summer	J40	32.018	S10	41.4	1.178	0.961	0.3343
60 minute summer	J41	48.002	J42	2.7	0.641	0.455	0.0261

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Results for 100 year +45% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J42	34	184.592	0.055	3.5	0.0627	0.0000	OK
60 minute summer	J43	35	184.467	0.107	6.6	0.1212	0.0000	OK
60 minute summer	J44	35	184.459	0.109	7.3	0.1233	0.0000	OK
60 minute summer	J45	35	184.444	0.144	8.1	0.1634	0.0000	OK
60 minute summer	J46	35	184.414	0.142	12.4	0.1602	0.0000	OK
60 minute summer	J47	35	184.379	0.131	13.2	0.1486	0.0000	OK
60 minute summer	J48	35	184.315	0.160	16.5	0.1815	0.0000	OK
60 minute summer	J49	35	184.300	0.171	17.3	0.1939	0.0000	OK
60 minute summer	J50	35	184.290	0.165	18.1	0.1871	0.0000	OK
60 minute summer	J51	35	184.275	0.167	18.8	0.1889	0.0000	OK
60 minute summer	J52	35	184.261	0.157	19.7	0.1774	0.0000	OK
60 minute summer	J53	35	184.237	0.150	20.5	0.1692	0.0000	OK
60 minute summer	J54	34	185.038	0.059	3.2	0.0670	0.0000	OK
60 minute summer	J55	34	185.008	0.064	4.0	0.0723	0.0000	OK
60 minute summer	J56	34	184.173	0.206	36.5	0.2326	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J42	48.003	S21	3.5	0.577	0.595	0.0488
60 minute summer	J43	48.005	J44	6.5	0.563	0.465	0.0218
60 minute summer	J44	48.006	J45	7.3	0.507	0.547	0.1365
60 minute summer	J45	48.007	S22	8.2	0.489	0.605	0.0416
60 minute summer	J46	48.009	J47	12.4	0.736	0.928	0.0708
60 minute summer	J47	48.010	S23	13.2	0.881	0.990	0.0393
60 minute summer	J48	48.012	J49	16.4	0.529	0.550	0.2337
60 minute summer	J49	48.013	J50	17.2	0.542	0.562	0.0362
60 minute summer	J50	48.014	J51	18.0	0.574	0.604	0.1595
60 minute summer	J51	48.015	J52	18.8	0.618	0.615	0.0347
60 minute summer	J52	48.016	J53	19.7	0.701	0.646	0.1403
60 minute summer	J53	48.017	S24	20.6	0.848	0.684	0.2769
60 minute summer	J54	65.002	J55	3.1	0.624	0.531	0.0184
60 minute summer	J55	65.003	S24	4.0	0.779	0.672	0.0400
60 minute summer	J56	48.019	J57	36.5	0.726	0.673	0.4566

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Results for 100 year +45% CC 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	J57	34	184.142	0.197	37.3	0.2227	0.0000	OK
60 minute summer	BASIN 1	143	186.017	1.017	59.2	135.1993	0.0000	SURCHARGED
60 minute summer	BASIN 2	300	184.499	0.199	1.6	18.1741	0.0000	OK
60 minute summer	BASIN 3	176	183.233	0.133	49.5	93.1384	0.0000	OK
60 minute summer	BASIN 4	175	184.042	0.712	37.1	101.7887	0.0000	SURCHARGED
60 minute summer	SWALE 1	145	184.966	0.033	1.4	0.0379	0.0000	OK
60 minute summer	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
60 minute summer	SWALE 3	35	184.264	0.194	49.5	0.2198	0.0000	OK
60 minute summer	BH1	300	184.499	0.422	1.1	2.0269	0.0000	OK
60 minute summer	BH2	151	183.234	0.182	6.1	2.5102	0.0000	OK
60 minute summer	BH3	176	184.042	0.736	6.6	5.0376	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	J57	48.020	S25	37.2	0.805	0.689	0.3660
60 minute summer	BASIN 1	1.023	S5	1.9	0.254	0.035	0.6013
60 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
60 minute summer	BASIN 2	71.000	BH1	1.1	0.540	0.186	0.1829
60 minute summer	BASIN 3	1.034	BH2	6.1	0.607	0.073	1.1885
60 minute summer	BASIN 4	48.022	BH3	6.6	0.769	0.123	0.7181
60 minute summer	SWALE 1	1.025	S6	1.4	0.327	0.027	0.1632
60 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
60 minute summer	SWALE 3	1.033	BASIN 3	49.5	1.096	0.713	1.9488
60 minute summer	BH1	Infiltration		0.1			
60 minute summer	BH2	Infiltration		0.2			
60 minute summer	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S1	33	188.413	0.043	3.4	0.0586	0.0000	OK
60 minute winter	S2	35	187.187	0.148	22.2	0.2180	0.0000	OK
60 minute winter	S3	35	186.370	0.158	31.3	0.2052	0.0000	OK
60 minute winter	S4	155	186.118	0.740	53.7	0.8795	0.0000	SURCHARGED
60 minute winter	S5	156	186.118	1.138	2.0	1.2871	0.0000	SURCHARGED
60 minute winter	S6	158	184.879	0.035	1.5	0.0393	0.0000	OK
60 minute winter	S7	1	184.779	0.000	0.0	0.0000	0.0000	OK
60 minute winter	S8	1	184.390	0.000	0.0	0.0000	0.0000	OK
60 minute winter	S9	35	184.323	0.123	0.5	0.1386	0.0000	OK
60 minute winter	S10	35	184.323	0.139	44.5	0.2114	0.0000	OK
60 minute winter	S11	36	186.697	0.297	7.7	0.4850	0.0000	SURCHARGED
60 minute winter	S12	37	186.289	0.113	9.2	0.1273	0.0000	OK
60 minute winter	S13	36	186.114	0.080	16.2	0.1134	0.0000	OK
60 minute winter	S14	35	185.485	0.235	23.8	0.3679	0.0000	SURCHARGED
60 minute winter	S15	34	184.961	0.094	30.2	0.1317	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	S1	1.000	J1	3.4	0.607	0.389	0.0455
60 minute winter	S2	1.012	J12	22.2	0.886	0.745	0.0374
60 minute winter	S3	1.019	J18	31.3	1.276	1.022	0.1251
60 minute winter	S4	1.022	BASIN 1	53.7	1.971	0.320	1.1778
60 minute winter	S5	1.024	SWALE 1	1.5	0.332	0.028	0.0906
60 minute winter	S6	1.026	BASIN 2	1.5	0.378	0.027	0.0226
60 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
60 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.1625
60 minute winter	S9	1.031	S10	-0.5	-0.127	-0.008	0.1966
60 minute winter	S10	1.032	SWALE 3	44.4	1.172	0.246	0.1658
60 minute winter	S11	32.000	J28	7.2	0.915	1.204	0.0355
60 minute winter	S12	32.003	J30	9.2	0.639	0.690	0.0734
60 minute winter	S13	32.007	J33	16.2	1.734	0.504	0.1245
60 minute winter	S14	32.009	J34	23.8	1.353	1.373	0.0903
60 minute winter	S15	32.013	J37	30.2	1.349	0.327	0.2083

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Results for 100 year +45% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S16	33	184.653	0.096	33.4	0.1207	0.0000	OK
60 minute winter	S17	163	186.122	0.122	0.5	0.1376	0.0000	SURCHARGED
60 minute winter	S18	164	186.121	0.460	9.6	0.6495	0.0000	SURCHARGED
60 minute winter	S19	160	186.119	0.628	18.4	0.8601	0.0000	SURCHARGED
60 minute winter	S20	35	184.689	0.047	2.3	0.0571	0.0000	OK
60 minute winter	S21	35	184.540	0.081	5.2	0.0955	0.0000	OK
60 minute winter	S22	35	184.424	0.138	10.8	0.1687	0.0000	OK
60 minute winter	S23	35	184.316	0.158	14.7	0.1863	0.0000	OK
60 minute winter	S24	34	184.183	0.206	33.5	0.2987	0.0000	OK
60 minute winter	S25	185	184.117	0.191	34.6	0.2156	0.0000	OK
60 minute winter	S26	35	185.411	0.034	2.0	0.0408	0.0000	OK
60 minute winter	FC1	47	188.999	0.749	3.1	2.5176	0.0000	FLOOD RISK
60 minute winter	FC2	47	188.894	0.744	3.1	2.5390	0.0000	FLOOD RISK
60 minute winter	FC3	56	188.973	0.773	4.9	4.8143	0.0000	FLOOD RISK
60 minute winter	FC4	46	188.905	0.705	2.5	1.7961	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	S16	32.015	J38	33.4	1.063	0.228	0.0644
60 minute winter	S17	23.001	J20	0.5	0.301	0.086	0.0560
60 minute winter	S18	23.006	J24	9.6	0.615	0.700	0.0323
60 minute winter	S19	23.010	J27	18.4	0.713	0.613	0.3541
60 minute winter	S20	48.001	J41	2.3	0.653	0.392	0.0165
60 minute winter	S21	48.004	J43	5.2	0.805	0.873	0.0327
60 minute winter	S22	48.008	J46	10.7	0.643	0.801	0.0407
60 minute winter	S23	48.011	J48	14.7	0.506	0.476	0.0328
60 minute winter	S24	48.018	J56	33.5	0.668	0.626	0.2127
60 minute winter	S25	48.021	BASIN 4	34.6	0.929	0.628	0.1544
60 minute winter	S26	65.001	J54	2.0	0.884	0.230	0.0194
60 minute winter	FC1	2.000	J1	1.2	0.585	0.200	0.0361
60 minute winter	FC2	3.000	J2	1.0	0.364	0.176	0.0343
60 minute winter	FC3	4.000	J3	0.9	0.562	0.137	0.0199
60 minute winter	FC4	5.000	J4	0.8	0.625	0.110	0.0098

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Results for 100 year +45% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC5	48	188.732	0.732	3.1	2.5091	0.0000	FLOOD RISK
60 minute winter	FC6	46	188.567	0.717	2.5	1.7895	0.0000	FLOOD RISK
60 minute winter	FC7	46	188.465	0.715	2.5	1.7924	0.0000	FLOOD RISK
60 minute winter	FC8	47	188.489	0.739	3.1	2.4980	0.0000	FLOOD RISK
60 minute winter	FC9	46	188.186	0.716	2.5	1.7955	0.0000	FLOOD RISK
60 minute winter	FC10	50	188.237	0.767	4.3	4.0052	0.0000	FLOOD RISK
60 minute winter	FC11	47	188.043	0.723	2.8	2.1326	0.0000	FLOOD RISK
60 minute winter	FC12	47	187.955	0.725	2.8	2.1318	0.0000	FLOOD RISK
60 minute winter	FC13	47	187.749	0.749	3.1	2.5009	0.0000	FLOOD RISK
60 minute winter	FC14	56	187.169	0.269	3.1	3.4379	0.0000	SURCHARGED
60 minute winter	FC15	46	187.920	0.720	2.5	1.7813	0.0000	FLOOD RISK
60 minute winter	FC16	46	187.619	0.719	2.5	1.7929	0.0000	FLOOD RISK
60 minute winter	FC17	46	187.720	0.720	2.5	1.7842	0.0000	FLOOD RISK
60 minute winter	FC18	46	187.271	0.721	2.5	1.7935	0.0000	FLOOD RISK
60 minute winter	FC19	47	187.150	0.750	3.1	2.5006	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC5	6.000	J5	0.8	0.522	0.143	0.0068
60 minute winter	FC6	7.000	J6	0.8	0.690	0.097	0.0160
60 minute winter	FC7	8.000	J7	0.8	0.593	0.118	0.0207
60 minute winter	FC8	9.000	J8	0.9	0.743	0.088	0.0055
60 minute winter	FC9	10.000	J9	0.8	0.527	0.141	0.0115
60 minute winter	FC10	11.000	J10	0.9	0.574	0.131	0.0095
60 minute winter	FC11	12.000	J11	0.8	0.526	0.143	0.0124
60 minute winter	FC12	13.000	S2	0.8	0.526	0.143	0.0111
60 minute winter	FC13	14.000	J12	0.9	0.529	0.145	0.0111
60 minute winter	FC14	15.000	J13	0.5	0.457	0.085	0.0219
60 minute winter	FC15	16.000	J14	0.8	1.123	0.049	0.0101
60 minute winter	FC16	17.000	J15	0.8	0.561	0.130	0.0121
60 minute winter	FC17	18.000	J16	0.8	0.891	0.067	0.0046
60 minute winter	FC18	19.000	J17	0.8	0.525	0.143	0.0113
60 minute winter	FC19	20.000	S3	0.9	0.527	0.146	0.0125

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Results for 100 year +45% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC20	47	187.686	0.736	3.1	2.4937	0.0000	FLOOD RISK
60 minute winter	FC21	47	187.039	0.739	3.1	2.5055	0.0000	FLOOD RISK
60 minute winter	FC22	50	186.713	0.263	2.5	2.5563	0.0000	SURCHARGED
60 minute winter	FC23	46	187.018	0.718	2.5	1.7940	0.0000	FLOOD RISK
60 minute winter	FC24	47	187.041	0.741	3.1	2.5013	0.0000	FLOOD RISK
60 minute winter	FC25	47	187.288	0.738	3.1	2.4929	0.0000	FLOOD RISK
60 minute winter	FC26	53	186.705	0.255	2.5	2.5750	0.0000	SURCHARGED
60 minute winter	FC27	46	187.212	0.712	2.5	1.7844	0.0000	FLOOD RISK
60 minute winter	FC28	47	187.234	0.734	3.1	2.4946	0.0000	FLOOD RISK
60 minute winter	FC29	47	187.246	0.746	3.4	2.8498	0.0000	FLOOD RISK
60 minute winter	FC30	47	187.486	0.736	3.1	2.4952	0.0000	FLOOD RISK
60 minute winter	FC31	46	187.169	0.719	2.5	1.8463	0.0000	FLOOD RISK
60 minute winter	FC32	46	187.167	0.717	2.5	1.7850	0.0000	FLOOD RISK
60 minute winter	FC33	47	187.195	0.745	3.1	2.4910	0.0000	FLOOD RISK
60 minute winter	FC34	47	187.195	0.745	3.1	2.5024	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC20	21.000	J18	0.9	1.063	0.053	0.0035
60 minute winter	FC21	22.000	J19	0.9	0.527	0.145	0.0124
60 minute winter	FC22	23.000	S17	0.5	0.654	0.027	0.0195
60 minute winter	FC23	24.000	J20	0.8	0.545	0.133	0.0071
60 minute winter	FC24	25.000	J21	0.9	0.615	0.115	0.0065
60 minute winter	FC25	26.000	J22	0.9	1.055	0.054	0.0039
60 minute winter	FC26	27.000	J23	0.5	0.796	0.037	0.0029
60 minute winter	FC27	28.000	J24	0.8	1.158	0.046	0.0033
60 minute winter	FC28	29.000	J25	0.9	1.060	0.054	0.0035
60 minute winter	FC29	30.000	J26	0.9	1.034	0.056	0.0039
60 minute winter	FC30	31.000	J27	0.9	0.989	0.059	0.0038
60 minute winter	FC31	33.000	J28	1.3	0.602	0.148	0.0333
60 minute winter	FC32	34.000	J29	0.8	0.459	0.067	0.0182
60 minute winter	FC33	35.000	S12	0.9	0.973	0.061	0.0124
60 minute winter	FC34	36.000	J30	0.9	0.541	0.139	0.0076

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Results for 100 year +45% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC35	47	187.186	0.736	3.1	2.4949	0.0000	FLOOD RISK
60 minute winter	FC36	47	187.187	0.737	3.4	2.8531	0.0000	FLOOD RISK
60 minute winter	FC37	49	186.565	0.765	4.0	3.6013	0.0000	FLOOD RISK
60 minute winter	FC38	53	185.670	0.220	2.5	2.6487	0.0000	SURCHARGED
60 minute winter	FC39	46	186.152	0.702	2.5	1.7900	0.0000	FLOOD RISK
60 minute winter	FC40	48	186.195	0.695	3.1	2.5254	0.0000	SURCHARGED
60 minute winter	FC41	47	185.578	0.728	3.1	2.5021	0.0000	FLOOD RISK
60 minute winter	FC42	48	185.328	0.728	3.1	2.5047	0.0000	FLOOD RISK
60 minute winter	FC43	48	185.250	0.650	3.1	2.5424	0.0000	SURCHARGED
60 minute winter	FC44	32	184.632	0.032	2.5	0.0415	0.0000	OK
60 minute winter	FC45	1	184.600	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC46	50	185.467	0.767	4.3	4.0066	0.0000	FLOOD RISK
60 minute winter	FC47	1	184.750	0.000	0.0	0.0000	0.0000	OK
60 minute winter	FC48	47	185.539	0.739	3.1	2.4937	0.0000	FLOOD RISK
60 minute winter	FC49	47	185.540	0.740	3.1	2.5053	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC35	37.000	J31	0.9	0.975	0.060	0.0157
60 minute winter	FC36	38.000	J32	0.9	1.047	0.054	0.0138
60 minute winter	FC37	39.000	J33	0.9	0.706	0.098	0.0105
60 minute winter	FC38	40.000	J34	0.5	0.747	0.037	0.0029
60 minute winter	FC39	41.000	J35	0.8	0.980	0.058	0.0038
60 minute winter	FC40	42.000	J36	0.8	1.199	0.043	0.0035
60 minute winter	FC41	43.000	J37	0.9	0.786	0.081	0.0072
60 minute winter	FC42	44.000	J38	0.8	0.684	0.098	0.0223
60 minute winter	FC43	45.000	J39	0.8	0.787	0.074	0.0183
60 minute winter	FC44	46.000	J40	2.5	1.045	0.222	0.0148
60 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
60 minute winter	FC46	48.000	S20	0.9	0.515	0.147	0.0154
60 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0094
60 minute winter	FC48	50.000	J42	0.9	0.625	0.061	0.0124
60 minute winter	FC49	51.000	S21	0.9	0.523	0.144	0.0071

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Results for 100 year +45% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC50	47	185.542	0.742	3.1	2.5046	0.0000	FLOOD RISK
60 minute winter	FC51	48	185.578	0.728	3.1	2.5108	0.0000	FLOOD RISK
60 minute winter	FC52	48	185.993	0.743	3.7	3.2262	0.0000	FLOOD RISK
60 minute winter	FC53	47	185.988	0.738	3.1	2.4992	0.0000	FLOOD RISK
60 minute winter	FC54	46	185.964	0.714	2.5	1.7882	0.0000	FLOOD RISK
60 minute winter	FC55	46	185.960	0.710	2.5	1.7868	0.0000	FLOOD RISK
60 minute winter	FC56	47	186.085	0.735	3.1	2.4946	0.0000	FLOOD RISK
60 minute winter	FC57	47	186.089	0.739	3.1	2.4941	0.0000	FLOOD RISK
60 minute winter	FC58	46	186.062	0.712	2.5	1.7871	0.0000	FLOOD RISK
60 minute winter	FC59	46	186.068	0.718	2.5	1.7852	0.0000	FLOOD RISK
60 minute winter	FC60	47	186.090	0.740	3.1	2.4953	0.0000	FLOOD RISK
60 minute winter	FC61	47	186.040	0.740	3.1	2.4992	0.0000	FLOOD RISK
60 minute winter	FC62	52	186.023	0.773	4.6	4.3919	0.0000	FLOOD RISK
60 minute winter	FC63	46	186.115	0.715	2.5	1.7975	0.0000	FLOOD RISK
60 minute winter	FC64	47	185.902	0.902	3.1	2.4092	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC50	52.000	J43	0.9	0.524	0.144	0.0076
60 minute winter	FC51	55.000	S22	0.8	0.525	0.143	0.0099
60 minute winter	FC52	58.000	S23	0.9	0.768	0.085	0.0061
60 minute winter	FC53	61.000	J50	0.9	0.720	0.092	0.0051
60 minute winter	FC54	62.000	J51	0.8	0.795	0.078	0.0042
60 minute winter	FC55	64.000	J53	0.8	1.004	0.056	0.0035
60 minute winter	FC56	53.000	J44	0.9	1.043	0.055	0.0054
60 minute winter	FC57	54.000	J45	0.9	0.979	0.061	0.0057
60 minute winter	FC58	56.000	J46	0.8	0.935	0.063	0.0056
60 minute winter	FC59	57.000	J47	0.8	0.868	0.070	0.0062
60 minute winter	FC60	59.000	J48	0.9	0.863	0.072	0.0066
60 minute winter	FC61	60.000	J49	0.9	0.692	0.099	0.0092
60 minute winter	FC62	63.000	J52	0.9	0.641	0.114	0.0128
60 minute winter	FC63	65.000	S26	0.8	0.569	0.142	0.0048
60 minute winter	FC64	66.000	J54	0.9	0.385	0.161	0.0077

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Results for 100 year +45% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	FC65	47	185.895	0.745	3.1	2.4884	0.0000	FLOOD RISK
60 minute winter	FC66	47	185.746	0.746	3.1	2.5006	0.0000	FLOOD RISK
60 minute winter	FC67	53	185.052	0.252	2.5	2.5972	0.0000	SURCHARGED
60 minute winter	FC68	46	185.265	0.715	2.5	1.7909	0.0000	FLOOD RISK
60 minute winter	J1	35	188.338	0.138	7.4	0.1862	0.0000	SURCHARGED
60 minute winter	J2	35	188.237	0.131	8.1	0.1481	0.0000	SURCHARGED
60 minute winter	J3	35	188.134	0.088	8.9	0.0998	0.0000	OK
60 minute winter	J4	35	188.099	0.064	9.7	0.0721	0.0000	OK
60 minute winter	J5	35	187.965	0.055	10.5	0.0624	0.0000	OK
60 minute winter	J6	36	187.743	0.093	11.3	0.1049	0.0000	OK
60 minute winter	J7	36	187.704	0.104	12.2	0.1180	0.0000	OK
60 minute winter	J8	36	187.668	0.075	13.0	0.0847	0.0000	OK
60 minute winter	J9	36	187.373	0.098	13.8	0.1112	0.0000	OK
60 minute winter	J10	36	187.330	0.060	14.4	0.0675	0.0000	OK
60 minute winter	J11	37	187.208	0.087	15.5	0.0986	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	FC65	67.000	J55	0.9	0.654	0.046	0.0063
60 minute winter	FC66	68.000	S24	0.9	0.587	0.119	0.0031
60 minute winter	FC67	69.000	J56	0.5	0.438	0.082	0.0023
60 minute winter	FC68	70.000	J57	0.8	0.685	0.094	0.0028
60 minute winter	J1	1.001	J2	7.3	0.933	0.880	0.0393
60 minute winter	J2	1.002	J3	8.1	1.032	1.363	0.0079
60 minute winter	J3	1.003	J4	8.9	0.994	0.670	0.0174
60 minute winter	J4	1.004	J5	9.7	1.494	0.289	0.0230
60 minute winter	J5	1.005	J6	10.5	1.218	0.275	0.0491
60 minute winter	J6	1.006	J7	11.3	0.925	0.399	0.0241
60 minute winter	J7	1.007	J8	12.2	1.108	0.872	0.0123
60 minute winter	J8	1.008	J9	13.0	1.561	0.429	0.0704
60 minute winter	J9	1.009	J10	13.6	1.091	0.406	0.0151
60 minute winter	J10	1.010	J11	14.6	1.306	0.113	0.0276
60 minute winter	J11	1.011	S2	15.4	0.756	0.240	0.1121

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Results for 100 year +45% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J12	35	186.916	0.107	23.1	0.1206	0.0000	OK
60 minute winter	J13	35	186.886	0.184	23.5	0.2086	0.0000	OK
60 minute winter	J14	36	186.867	0.172	24.3	0.1944	0.0000	OK
60 minute winter	J15	36	186.840	0.152	25.1	0.1722	0.0000	OK
60 minute winter	J16	36	186.793	0.123	25.9	0.1394	0.0000	OK
60 minute winter	J17	36	186.452	0.094	26.7	0.1060	0.0000	OK
60 minute winter	J18	35	186.303	0.109	32.1	0.1231	0.0000	OK
60 minute winter	J19	35	186.193	0.166	32.9	0.1880	0.0000	OK
60 minute winter	J20	163	186.121	0.190	1.3	0.2146	0.0000	SURCHARGED
60 minute winter	J21	163	186.120	0.225	2.2	0.2548	0.0000	SURCHARGED
60 minute winter	J22	166	186.121	0.302	3.1	0.3421	0.0000	SURCHARGED
60 minute winter	J23	166	186.121	0.338	3.6	0.3819	0.0000	SURCHARGED
60 minute winter	J24	164	186.121	0.471	10.4	0.5324	0.0000	SURCHARGED
60 minute winter	J25	164	186.121	0.506	11.2	0.5717	0.0000	SURCHARGED
60 minute winter	J26	164	186.120	0.533	12.0	0.6031	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J12	1.013	J13	23.1	0.850	0.344	0.1726
60 minute winter	J13	1.014	J14	23.4	0.695	0.747	0.0639
60 minute winter	J14	1.015	J15	24.2	0.792	0.777	0.0586
60 minute winter	J15	1.016	J16	25.1	0.985	0.819	0.1303
60 minute winter	J16	1.017	J17	25.9	1.302	0.430	0.0669
60 minute winter	J17	1.018	S3	26.7	1.181	0.184	0.0428
60 minute winter	J18	1.020	J19	32.1	1.946	0.247	0.0254
60 minute winter	J19	1.021	S4	32.9	0.913	0.596	0.1584
60 minute winter	J20	23.002	J21	1.3	0.480	0.228	0.0295
60 minute winter	J21	23.003	J22	2.2	0.562	0.372	0.0627
60 minute winter	J22	23.004	J23	3.1	0.672	0.513	0.0281
60 minute winter	J23	23.005	S18	3.6	0.762	0.606	0.0587
60 minute winter	J24	23.007	J25	10.4	0.663	0.779	0.1088
60 minute winter	J25	23.008	J26	11.2	0.715	0.842	0.0874
60 minute winter	J26	23.009	S19	12.0	0.853	0.902	0.0652

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Results for 100 year +45% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J27	165	186.121	0.660	19.2	0.7468	0.0000	SURCHARGED
60 minute winter	J28	36	186.612	0.256	7.7	0.2899	0.0000	SURCHARGED
60 minute winter	J29	37	186.439	0.168	8.4	0.1899	0.0000	SURCHARGED
60 minute winter	J30	38	186.264	0.117	10.1	0.1320	0.0000	OK
60 minute winter	J31	38	186.233	0.114	10.9	0.1289	0.0000	OK
60 minute winter	J32	38	186.172	0.108	11.7	0.1221	0.0000	OK
60 minute winter	J33	35	185.691	0.081	17.1	0.0912	0.0000	OK
60 minute winter	J34	35	185.256	0.131	24.2	0.1483	0.0000	OK
60 minute winter	J35	35	185.166	0.091	25.0	0.1028	0.0000	OK
60 minute winter	J36	35	185.011	0.136	25.8	0.1540	0.0000	OK
60 minute winter	J37	35	184.729	0.154	31.0	0.1737	0.0000	OK
60 minute winter	J38	35	184.620	0.245	34.2	0.2767	0.0000	SURCHARGED
60 minute winter	J39	35	184.554	0.216	35.0	0.2438	0.0000	OK
60 minute winter	J40	35	184.507	0.182	37.4	0.2063	0.0000	OK
60 minute winter	J41	35	184.643	0.046	2.3	0.0524	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J27	23.011	S4	19.2	0.844	0.643	0.0951
60 minute winter	J28	32.001	J29	7.6	0.970	1.281	0.0691
60 minute winter	J29	32.002	S12	8.4	1.073	1.414	0.0356
60 minute winter	J30	32.004	J31	10.0	0.692	0.757	0.0723
60 minute winter	J31	32.005	J32	10.9	0.780	0.820	0.1361
60 minute winter	J32	32.006	S13	11.7	1.036	0.882	0.0609
60 minute winter	J33	32.008	S14	17.1	1.110	0.481	0.1237
60 minute winter	J34	32.010	J35	24.2	1.241	0.627	0.1760
60 minute winter	J35	32.011	J36	25.0	1.246	0.281	0.1379
60 minute winter	J36	32.012	S15	25.8	1.286	0.861	0.0485
60 minute winter	J37	32.014	S16	31.1	1.380	1.021	0.1163
60 minute winter	J38	32.016	J39	34.2	0.860	1.133	0.4270
60 minute winter	J39	32.017	J40	35.0	0.942	1.137	0.1346
60 minute winter	J40	32.018	S10	37.4	1.154	0.867	0.3091
60 minute winter	J41	48.002	J42	2.3	0.609	0.393	0.0238

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Results for 100 year +45% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J42	35	184.589	0.052	3.2	0.0587	0.0000	OK
60 minute winter	J43	35	184.456	0.096	6.0	0.1083	0.0000	OK
60 minute winter	J44	35	184.446	0.096	6.8	0.1087	0.0000	OK
60 minute winter	J45	35	184.433	0.133	7.6	0.1499	0.0000	OK
60 minute winter	J46	35	184.405	0.133	11.6	0.1500	0.0000	OK
60 minute winter	J47	35	184.373	0.125	12.4	0.1415	0.0000	OK
60 minute winter	J48	36	184.307	0.153	15.5	0.1732	0.0000	OK
60 minute winter	J49	36	184.294	0.165	16.3	0.1862	0.0000	OK
60 minute winter	J50	36	184.284	0.159	17.1	0.1796	0.0000	OK
60 minute winter	J51	36	184.269	0.161	17.9	0.1817	0.0000	OK
60 minute winter	J52	36	184.255	0.151	18.8	0.1703	0.0000	OK
60 minute winter	J53	35	184.230	0.143	19.6	0.1616	0.0000	OK
60 minute winter	J54	35	185.035	0.056	2.9	0.0636	0.0000	OK
60 minute winter	J55	36	185.005	0.061	3.7	0.0694	0.0000	OK
60 minute winter	J56	35	184.163	0.196	33.9	0.2216	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J42	48.003	S21	3.2	0.577	0.535	0.0444
60 minute winter	J43	48.005	J44	6.0	0.557	0.428	0.0191
60 minute winter	J44	48.006	J45	6.8	0.508	0.510	0.1245
60 minute winter	J45	48.007	S22	7.7	0.490	0.565	0.0398
60 minute winter	J46	48.009	J47	11.6	0.717	0.866	0.0678
60 minute winter	J47	48.010	S23	12.4	0.860	0.928	0.0378
60 minute winter	J48	48.012	J49	15.5	0.518	0.518	0.2231
60 minute winter	J49	48.013	J50	16.3	0.534	0.531	0.0347
60 minute winter	J50	48.014	J51	17.1	0.568	0.573	0.1530
60 minute winter	J51	48.015	J52	17.9	0.613	0.585	0.0332
60 minute winter	J52	48.016	J53	18.8	0.696	0.616	0.1336
60 minute winter	J53	48.017	S24	19.6	0.840	0.651	0.2589
60 minute winter	J54	65.002	J55	2.9	0.607	0.491	0.0174
60 minute winter	J55	65.003	S24	3.7	0.769	0.633	0.0381
60 minute winter	J56	48.019	J57	33.8	0.710	0.624	0.4332

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Results for 100 year +45% CC 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	J57	35	184.134	0.189	34.6	0.2132	0.0000	OK
60 minute winter	BASIN 1	156	186.118	1.118	53.7	151.4315	0.0000	SURCHARGED
60 minute winter	BASIN 2	300	184.510	0.210	1.7	19.1770	0.0000	OK
60 minute winter	BASIN 3	185	183.250	0.150	44.4	104.9593	0.0000	OK
60 minute winter	BASIN 4	185	184.117	0.787	35.4	114.1021	0.0000	SURCHARGED
60 minute winter	SWALE 1	157	184.966	0.034	1.5	0.0387	0.0000	OK
60 minute winter	SWALE 2	1	184.450	0.000	0.0	0.0000	0.0000	OK
60 minute winter	SWALE 3	35	184.251	0.181	44.4	0.2042	0.0000	OK
60 minute winter	BH1	300	184.510	0.433	1.1	2.0569	0.0000	OK
60 minute winter	BH2	157	183.251	0.199	6.6	2.5931	0.0000	OK
60 minute winter	BH3	183	184.117	0.811	7.6	5.3879	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute winter	J57	48.020	S25	34.6	0.787	0.641	0.3517
60 minute winter	BASIN 1	1.023	S5	2.0	0.276	0.037	0.6013
60 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
60 minute winter	BASIN 2	71.000	BH1	1.1	0.545	0.189	0.1829
60 minute winter	BASIN 3	1.034	BH2	6.6	0.590	0.079	1.3544
60 minute winter	BASIN 4	48.022	BH3	7.6	0.827	0.142	0.7181
60 minute winter	SWALE 1	1.025	S6	1.5	0.331	0.028	0.1687
60 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
60 minute winter	SWALE 3	1.033	BASIN 3	44.4	1.065	0.640	1.8006
60 minute winter	BH1	Infiltration		0.1			
60 minute winter	BH2	Infiltration		0.2			
60 minute winter	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S1	64	188.408	0.038	2.7	0.0516	0.0000	OK
120 minute summer	S2	64	187.178	0.139	19.8	0.2041	0.0000	OK
120 minute summer	S3	66	186.359	0.147	27.7	0.1907	0.0000	OK
120 minute summer	S4	182	186.172	0.793	47.0	0.9427	0.0000	SURCHARGED
120 minute summer	S5	182	186.172	1.192	1.6	1.3476	0.0000	SURCHARGED
120 minute summer	S6	186	184.879	0.035	1.5	0.0397	0.0000	OK
120 minute summer	S7	2	184.779	0.000	0.0	0.0000	0.0000	OK
120 minute summer	S8	2	184.390	0.000	0.0	0.0000	0.0000	OK
120 minute summer	S9	64	184.305	0.105	0.3	0.1189	0.0000	OK
120 minute summer	S10	64	184.305	0.121	37.3	0.1848	0.0000	OK
120 minute summer	S11	66	186.571	0.171	6.1	0.2787	0.0000	SURCHARGED
120 minute summer	S12	68	186.275	0.099	7.9	0.1117	0.0000	OK
120 minute summer	S13	66	186.108	0.074	14.0	0.1048	0.0000	OK
120 minute summer	S14	64	185.436	0.186	20.2	0.2915	0.0000	SURCHARGED
120 minute summer	S15	64	184.951	0.084	25.5	0.1179	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	S1	1.000	J1	2.7	0.602	0.309	0.0377
120 minute summer	S2	1.012	J12	19.8	0.852	0.663	0.0347
120 minute summer	S3	1.019	J18	27.8	1.242	0.908	0.1144
120 minute summer	S4	1.022	BASIN 1	46.9	1.707	0.280	1.1778
120 minute summer	S5	1.024	SWALE 1	1.5	0.335	0.028	0.0921
120 minute summer	S6	1.026	BASIN 2	1.5	0.382	0.028	0.0229
120 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
120 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.1321
120 minute summer	S9	1.031	S10	-0.3	-0.081	-0.005	0.1625
120 minute summer	S10	1.032	SWALE 3	37.1	1.149	0.206	0.1419
120 minute summer	S11	32.000	J28	5.8	0.738	0.971	0.0355
120 minute summer	S12	32.003	J30	7.8	0.622	0.587	0.0643
120 minute summer	S13	32.007	J33	14.0	1.718	0.434	0.1059
120 minute summer	S14	32.009	J34	20.1	1.148	1.161	0.0885
120 minute summer	S15	32.013	J37	25.5	1.290	0.276	0.1847

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Results for 100 year +45% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S16	64	184.647	0.089	28.2	0.1131	0.0000	OK
120 minute summer	S17	186	186.176	0.176	0.5	0.1990	0.0000	SURCHARGED
120 minute summer	S18	186	186.176	0.515	8.2	0.7275	0.0000	SURCHARGED
120 minute summer	S19	186	186.175	0.684	15.6	0.9365	0.0000	SURCHARGED
120 minute summer	S20	64	184.685	0.043	2.0	0.0522	0.0000	OK
120 minute summer	S21	64	184.532	0.073	4.6	0.0860	0.0000	OK
120 minute summer	S22	66	184.411	0.125	9.6	0.1531	0.0000	OK
120 minute summer	S23	66	184.304	0.146	13.1	0.1720	0.0000	OK
120 minute summer	S24	64	184.167	0.190	29.6	0.2752	0.0000	OK
120 minute summer	S25	214	184.155	0.229	30.6	0.2592	0.0000	OK
120 minute summer	S26	64	185.409	0.032	1.8	0.0383	0.0000	OK
120 minute summer	FC1	78	188.949	0.699	2.4	1.8677	0.0000	SURCHARGED
120 minute summer	FC2	78	188.847	0.697	2.4	1.8919	0.0000	SURCHARGED
120 minute summer	FC3	84	188.935	0.735	3.9	3.8525	0.0000	FLOOD RISK
120 minute summer	FC4	76	188.862	0.662	1.9	1.2942	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	S16	32.015	J38	28.2	1.049	0.192	0.0599
120 minute summer	S17	23.001	J20	0.5	0.297	0.079	0.0560
120 minute summer	S18	23.006	J24	8.2	0.598	0.595	0.0323
120 minute summer	S19	23.010	J27	15.6	0.679	0.519	0.3541
120 minute summer	S20	48.001	J41	2.0	0.633	0.338	0.0147
120 minute summer	S21	48.004	J43	4.6	0.794	0.777	0.0295
120 minute summer	S22	48.008	J46	9.6	0.621	0.715	0.0377
120 minute summer	S23	48.011	J48	13.1	0.497	0.426	0.0300
120 minute summer	S24	48.018	J56	29.5	0.647	0.552	0.1936
120 minute summer	S25	48.021	BASIN 4	30.6	0.894	0.555	0.1876
120 minute summer	S26	65.001	J54	1.8	0.856	0.204	0.0177
120 minute summer	FC1	2.000	J1	0.8	0.522	0.134	0.0192
120 minute summer	FC2	3.000	J2	0.9	0.329	0.154	0.0312
120 minute summer	FC3	4.000	J3	0.9	0.558	0.134	0.0166
120 minute summer	FC4	5.000	J4	0.8	0.620	0.107	0.0096

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Results for 100 year +45% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC5	78	188.690	0.690	2.4	1.8742	0.0000	SURCHARGED
120 minute summer	FC6	76	188.518	0.668	1.9	1.2901	0.0000	SURCHARGED
120 minute summer	FC7	76	188.417	0.667	1.9	1.2929	0.0000	SURCHARGED
120 minute summer	FC8	78	188.444	0.694	2.4	1.8631	0.0000	SURCHARGED
120 minute summer	FC9	76	188.138	0.667	1.9	1.2961	0.0000	SURCHARGED
120 minute summer	FC10	82	188.200	0.730	3.4	3.2174	0.0000	FLOOD RISK
120 minute summer	FC11	76	188.002	0.682	2.2	1.6120	0.0000	SURCHARGED
120 minute summer	FC12	76	187.913	0.683	2.2	1.6117	0.0000	SURCHARGED
120 minute summer	FC13	78	187.700	0.700	2.4	1.8685	0.0000	FLOOD RISK
120 minute summer	FC14	86	187.136	0.236	2.4	3.0191	0.0000	SURCHARGED
120 minute summer	FC15	76	187.869	0.669	1.9	1.2827	0.0000	SURCHARGED
120 minute summer	FC16	76	187.569	0.669	1.9	1.2943	0.0000	SURCHARGED
120 minute summer	FC17	76	187.669	0.669	1.9	1.2856	0.0000	SURCHARGED
120 minute summer	FC18	76	187.220	0.670	1.9	1.2953	0.0000	SURCHARGED
120 minute summer	FC19	78	187.101	0.701	2.4	1.8685	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC5	6.000	J5	0.8	0.517	0.139	0.0066
120 minute summer	FC6	7.000	J6	0.8	0.683	0.094	0.0132
120 minute summer	FC7	8.000	J7	0.8	0.586	0.114	0.0181
120 minute summer	FC8	9.000	J8	0.8	0.736	0.085	0.0047
120 minute summer	FC9	10.000	J9	0.8	0.522	0.136	0.0112
120 minute summer	FC10	11.000	J10	0.8	0.570	0.128	0.0093
120 minute summer	FC11	12.000	J11	0.8	0.521	0.139	0.0122
120 minute summer	FC12	13.000	S2	0.8	0.521	0.139	0.0108
120 minute summer	FC13	14.000	J12	0.8	0.524	0.140	0.0108
120 minute summer	FC14	15.000	J13	0.5	0.447	0.079	0.0165
120 minute summer	FC15	16.000	J14	0.8	1.111	0.047	0.0072
120 minute summer	FC16	17.000	J15	0.8	0.555	0.125	0.0111
120 minute summer	FC17	18.000	J16	0.8	0.882	0.065	0.0045
120 minute summer	FC18	19.000	J17	0.8	0.519	0.138	0.0110
120 minute summer	FC19	20.000	S3	0.8	0.522	0.141	0.0105

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Results for 100 year +45% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC20	78	187.642	0.692	2.4	1.8581	0.0000	SURCHARGED
120 minute summer	FC21	78	186.994	0.694	2.4	1.8714	0.0000	SURCHARGED
120 minute summer	FC22	82	186.678	0.228	1.9	2.2147	0.0000	SURCHARGED
120 minute summer	FC23	76	186.968	0.668	1.9	1.2953	0.0000	SURCHARGED
120 minute summer	FC24	78	186.995	0.695	2.4	1.8672	0.0000	SURCHARGED
120 minute summer	FC25	78	187.243	0.693	2.4	1.8577	0.0000	SURCHARGED
120 minute summer	FC26	82	186.671	0.221	1.9	2.2365	0.0000	SURCHARGED
120 minute summer	FC27	76	187.165	0.665	1.9	1.2841	0.0000	SURCHARGED
120 minute summer	FC28	78	187.191	0.691	2.4	1.8587	0.0000	SURCHARGED
120 minute summer	FC29	80	187.204	0.704	2.7	2.1794	0.0000	FLOOD RISK
120 minute summer	FC30	78	187.442	0.692	2.4	1.8590	0.0000	SURCHARGED
120 minute summer	FC31	76	187.117	0.667	1.9	1.3013	0.0000	SURCHARGED
120 minute summer	FC32	76	187.118	0.668	1.9	1.2855	0.0000	SURCHARGED
120 minute summer	FC33	78	187.147	0.697	2.4	1.8562	0.0000	SURCHARGED
120 minute summer	FC34	78	187.148	0.698	2.4	1.8694	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC20	21.000	J18	0.8	1.053	0.052	0.0034
120 minute summer	FC21	22.000	J19	0.8	0.522	0.140	0.0121
120 minute summer	FC22	23.000	S17	0.5	0.639	0.025	0.0197
120 minute summer	FC23	24.000	J20	0.8	0.539	0.128	0.0069
120 minute summer	FC24	25.000	J21	0.8	0.610	0.111	0.0063
120 minute summer	FC25	26.000	J22	0.8	1.046	0.052	0.0038
120 minute summer	FC26	27.000	J23	0.5	0.779	0.035	0.0027
120 minute summer	FC27	28.000	J24	0.8	1.146	0.045	0.0143
120 minute summer	FC28	29.000	J25	0.8	1.051	0.052	0.0034
120 minute summer	FC29	30.000	J26	0.8	1.025	0.055	0.0039
120 minute summer	FC30	31.000	J27	0.8	0.980	0.057	0.0037
120 minute summer	FC31	33.000	J28	1.0	0.445	0.115	0.0285
120 minute summer	FC32	34.000	J29	0.8	0.361	0.065	0.0181
120 minute summer	FC33	35.000	S12	0.8	0.964	0.059	0.0095
120 minute summer	FC34	36.000	J30	0.8	0.536	0.134	0.0074

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Results for 100 year +45% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC35	78	187.142	0.692	2.4	1.8587	0.0000	SURCHARGED
120 minute summer	FC36	80	187.148	0.698	2.7	2.1822	0.0000	SURCHARGED
120 minute summer	FC37	82	186.524	0.724	3.1	2.8238	0.0000	FLOOD RISK
120 minute summer	FC38	84	185.643	0.193	1.9	2.3227	0.0000	SURCHARGED
120 minute summer	FC39	76	186.110	0.660	1.9	1.2874	0.0000	SURCHARGED
120 minute summer	FC40	78	186.150	0.650	2.4	1.8878	0.0000	SURCHARGED
120 minute summer	FC41	78	185.537	0.687	2.4	1.8652	0.0000	SURCHARGED
120 minute summer	FC42	78	185.287	0.687	2.4	1.8678	0.0000	SURCHARGED
120 minute summer	FC43	78	185.238	0.638	2.4	1.8871	0.0000	SURCHARGED
120 minute summer	FC44	62	184.629	0.029	1.9	0.0379	0.0000	OK
120 minute summer	FC45	2	184.600	0.000	0.0	0.0000	0.0000	OK
120 minute summer	FC46	82	185.430	0.730	3.4	3.2189	0.0000	FLOOD RISK
120 minute summer	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute summer	FC48	78	185.493	0.693	2.4	1.8580	0.0000	SURCHARGED
120 minute summer	FC49	78	185.495	0.695	2.4	1.8718	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC35	37.000	J31	0.8	0.965	0.058	0.0128
120 minute summer	FC36	38.000	J32	0.8	1.036	0.053	0.0116
120 minute summer	FC37	39.000	J33	0.8	0.700	0.096	0.0079
120 minute summer	FC38	40.000	J34	0.4	0.732	0.034	0.0028
120 minute summer	FC39	41.000	J35	0.8	0.971	0.056	0.0037
120 minute summer	FC40	42.000	J36	0.8	1.187	0.042	0.0034
120 minute summer	FC41	43.000	J37	0.8	0.780	0.079	0.0053
120 minute summer	FC42	44.000	J38	0.8	0.678	0.095	0.0182
120 minute summer	FC43	45.000	J39	0.8	0.785	0.074	0.0131
120 minute summer	FC44	46.000	J40	1.9	1.023	0.170	0.0089
120 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
120 minute summer	FC46	48.000	S20	0.8	0.508	0.143	0.0142
120 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0083
120 minute summer	FC48	50.000	J42	0.8	0.476	0.059	0.0115
120 minute summer	FC49	51.000	S21	0.8	0.518	0.140	0.0070

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Results for 100 year +45% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC50	78	185.496	0.696	2.4	1.8711	0.0000	SURCHARGED
120 minute summer	FC51	78	185.537	0.687	2.4	1.8747	0.0000	SURCHARGED
120 minute summer	FC52	80	185.956	0.706	2.9	2.5260	0.0000	FLOOD RISK
120 minute summer	FC53	78	185.943	0.693	2.4	1.8644	0.0000	SURCHARGED
120 minute summer	FC54	76	185.916	0.666	1.9	1.2882	0.0000	SURCHARGED
120 minute summer	FC55	76	185.914	0.664	1.9	1.2858	0.0000	SURCHARGED
120 minute summer	FC56	78	186.041	0.691	2.4	1.8589	0.0000	SURCHARGED
120 minute summer	FC57	78	186.043	0.693	2.4	1.8582	0.0000	SURCHARGED
120 minute summer	FC58	76	186.015	0.665	1.9	1.2864	0.0000	SURCHARGED
120 minute summer	FC59	76	186.018	0.668	1.9	1.2862	0.0000	SURCHARGED
120 minute summer	FC60	78	186.044	0.694	2.4	1.8601	0.0000	SURCHARGED
120 minute summer	FC61	78	185.995	0.694	2.4	1.8644	0.0000	SURCHARGED
120 minute summer	FC62	82	185.985	0.735	3.6	3.5361	0.0000	FLOOD RISK
120 minute summer	FC63	76	186.067	0.667	1.9	1.2980	0.0000	SURCHARGED
120 minute summer	FC64	76	185.842	0.842	2.4	1.7853	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC50	52.000	J43	0.8	0.519	0.140	0.0075
120 minute summer	FC51	55.000	S22	0.8	0.521	0.139	0.0097
120 minute summer	FC52	58.000	S23	0.8	0.762	0.083	0.0060
120 minute summer	FC53	61.000	J50	0.8	0.713	0.089	0.0050
120 minute summer	FC54	62.000	J51	0.8	0.787	0.075	0.0041
120 minute summer	FC55	64.000	J53	0.8	0.994	0.054	0.0034
120 minute summer	FC56	53.000	J44	0.8	1.034	0.054	0.0053
120 minute summer	FC57	54.000	J45	0.8	0.970	0.059	0.0056
120 minute summer	FC58	56.000	J46	0.8	0.926	0.061	0.0054
120 minute summer	FC59	57.000	J47	0.8	0.859	0.068	0.0061
120 minute summer	FC60	59.000	J48	0.8	0.855	0.070	0.0064
120 minute summer	FC61	60.000	J49	0.8	0.685	0.096	0.0089
120 minute summer	FC62	63.000	J52	0.9	0.636	0.111	0.0126
120 minute summer	FC63	65.000	S26	0.8	0.543	0.137	0.0046
120 minute summer	FC64	66.000	J54	0.9	0.372	0.155	0.0070

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Results for 100 year +45% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	FC65	78	185.847	0.697	2.4	1.8539	0.0000	SURCHARGED
120 minute summer	FC66	78	185.698	0.698	2.4	1.8673	0.0000	SURCHARGED
120 minute summer	FC67	82	185.019	0.219	1.9	2.2624	0.0000	SURCHARGED
120 minute summer	FC68	76	185.217	0.667	1.9	1.2910	0.0000	SURCHARGED
120 minute summer	J1	64	188.277	0.077	6.2	0.1035	0.0000	OK
120 minute summer	J2	64	188.220	0.114	6.9	0.1292	0.0000	SURCHARGED
120 minute summer	J3	64	188.127	0.081	7.7	0.0918	0.0000	OK
120 minute summer	J4	64	188.094	0.059	8.5	0.0664	0.0000	OK
120 minute summer	J5	64	187.961	0.051	9.3	0.0578	0.0000	OK
120 minute summer	J6	66	187.735	0.085	10.0	0.0962	0.0000	OK
120 minute summer	J7	66	187.698	0.097	10.9	0.1102	0.0000	OK
120 minute summer	J8	66	187.663	0.070	11.7	0.0793	0.0000	OK
120 minute summer	J9	66	187.368	0.093	12.5	0.1052	0.0000	OK
120 minute summer	J10	66	187.326	0.056	13.6	0.0635	0.0000	OK
120 minute summer	J11	66	187.203	0.082	14.1	0.0924	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	FC65	67.000	J55	0.8	0.641	0.045	0.0059
120 minute summer	FC66	68.000	S24	0.8	0.581	0.115	0.0030
120 minute summer	FC67	69.000	J56	0.5	0.429	0.077	0.0022
120 minute summer	FC68	70.000	J57	0.8	0.679	0.090	0.0027
120 minute summer	J1	1.001	J2	6.1	0.809	0.741	0.0358
120 minute summer	J2	1.002	J3	6.9	0.886	1.162	0.0077
120 minute summer	J3	1.003	J4	7.7	0.955	0.578	0.0157
120 minute summer	J4	1.004	J5	8.5	1.451	0.252	0.0206
120 minute summer	J5	1.005	J6	9.2	1.194	0.242	0.0442
120 minute summer	J6	1.006	J7	10.1	0.897	0.354	0.0220
120 minute summer	J7	1.007	J8	10.9	1.074	0.780	0.0114
120 minute summer	J8	1.008	J9	11.7	1.523	0.386	0.0649
120 minute summer	J9	1.009	J10	12.7	1.111	0.382	0.0139
120 minute summer	J10	1.010	J11	13.3	1.295	0.103	0.0253
120 minute summer	J11	1.011	S2	14.1	0.738	0.219	0.1032

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Results for 100 year +45% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J12	64	186.907	0.098	20.6	0.1106	0.0000	OK
120 minute summer	J13	66	186.872	0.170	21.0	0.1926	0.0000	OK
120 minute summer	J14	66	186.854	0.159	21.6	0.1802	0.0000	OK
120 minute summer	J15	66	186.829	0.141	22.4	0.1600	0.0000	OK
120 minute summer	J16	66	186.785	0.115	23.2	0.1304	0.0000	OK
120 minute summer	J17	66	186.444	0.086	24.0	0.0971	0.0000	OK
120 minute summer	J18	66	186.295	0.101	28.6	0.1139	0.0000	OK
120 minute summer	J19	66	186.183	0.156	29.4	0.1768	0.0000	OK
120 minute summer	J20	186	186.176	0.245	1.3	0.2770	0.0000	SURCHARGED
120 minute summer	J21	186	186.176	0.281	2.1	0.3177	0.0000	SURCHARGED
120 minute summer	J22	186	186.176	0.358	2.9	0.4049	0.0000	SURCHARGED
120 minute summer	J23	186	186.176	0.393	3.4	0.4445	0.0000	SURCHARGED
120 minute summer	J24	186	186.176	0.526	9.0	0.5948	0.0000	SURCHARGED
120 minute summer	J25	186	186.176	0.561	9.7	0.6341	0.0000	SURCHARGED
120 minute summer	J26	186	186.176	0.589	10.5	0.6662	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J12	1.013	J13	20.6	0.835	0.307	0.1578
120 minute summer	J13	1.014	J14	20.9	0.670	0.664	0.0591
120 minute summer	J14	1.015	J15	21.6	0.768	0.692	0.0540
120 minute summer	J15	1.016	J16	22.4	0.959	0.733	0.1198
120 minute summer	J16	1.017	J17	23.2	1.268	0.386	0.0616
120 minute summer	J17	1.018	S3	24.0	1.165	0.165	0.0390
120 minute summer	J18	1.020	J19	28.6	1.948	0.220	0.0224
120 minute summer	J19	1.021	S4	29.4	0.881	0.534	0.1554
120 minute summer	J20	23.002	J21	1.3	0.475	0.217	0.0295
120 minute summer	J21	23.003	J22	2.1	0.558	0.356	0.0627
120 minute summer	J22	23.004	J23	2.9	0.668	0.493	0.0281
120 minute summer	J23	23.005	S18	3.4	0.754	0.579	0.0587
120 minute summer	J24	23.007	J25	8.9	0.644	0.671	0.1088
120 minute summer	J25	23.008	J26	9.7	0.687	0.731	0.0874
120 minute summer	J26	23.009	S19	10.5	0.815	0.788	0.0652

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Results for 100 year +45% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J27	186	186.179	0.718	16.4	0.8115	0.0000	SURCHARGED
120 minute summer	J28	66	186.517	0.161	6.3	0.1818	0.0000	SURCHARGED
120 minute summer	J29	66	186.397	0.126	7.1	0.1430	0.0000	SURCHARGED
120 minute summer	J30	68	186.251	0.104	8.7	0.1173	0.0000	OK
120 minute summer	J31	68	186.221	0.102	9.5	0.1159	0.0000	OK
120 minute summer	J32	68	186.163	0.099	10.3	0.1122	0.0000	OK
120 minute summer	J33	66	185.678	0.067	14.8	0.0763	0.0000	OK
120 minute summer	J34	64	185.244	0.119	20.5	0.1344	0.0000	OK
120 minute summer	J35	64	185.157	0.082	21.2	0.0922	0.0000	OK
120 minute summer	J36	64	184.999	0.124	22.0	0.1400	0.0000	OK
120 minute summer	J37	64	184.715	0.140	26.3	0.1585	0.0000	OK
120 minute summer	J38	66	184.574	0.199	29.0	0.2251	0.0000	OK
120 minute summer	J39	66	184.525	0.187	29.7	0.2110	0.0000	OK
120 minute summer	J40	66	184.483	0.158	31.5	0.1786	0.0000	OK
120 minute summer	J41	64	184.639	0.042	2.0	0.0479	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J27	23.011	S4	16.3	0.802	0.547	0.0951
120 minute summer	J28	32.001	J29	6.3	0.802	1.059	0.0691
120 minute summer	J29	32.002	S12	7.0	0.906	1.187	0.0347
120 minute summer	J30	32.004	J31	8.7	0.672	0.653	0.0642
120 minute summer	J31	32.005	J32	9.5	0.754	0.715	0.1226
120 minute summer	J32	32.006	S13	10.3	1.002	0.776	0.0554
120 minute summer	J33	32.008	S14	14.8	1.071	0.416	0.1148
120 minute summer	J34	32.010	J35	20.4	1.197	0.530	0.1544
120 minute summer	J35	32.011	J36	21.2	1.203	0.238	0.1214
120 minute summer	J36	32.012	S15	22.0	1.240	0.733	0.0426
120 minute summer	J37	32.014	S16	26.3	1.295	0.864	0.1055
120 minute summer	J38	32.016	J39	28.9	0.799	0.957	0.3915
120 minute summer	J39	32.017	J40	29.7	0.911	0.965	0.1188
120 minute summer	J40	32.018	S10	31.6	1.127	0.734	0.2682
120 minute summer	J41	48.002	J42	2.0	0.581	0.339	0.0215

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Results for 100 year +45% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J42	64	184.586	0.049	2.8	0.0549	0.0000	OK
120 minute summer	J43	66	184.445	0.084	5.4	0.0955	0.0000	OK
120 minute summer	J44	66	184.433	0.083	6.2	0.0939	0.0000	OK
120 minute summer	J45	66	184.419	0.119	7.0	0.1349	0.0000	OK
120 minute summer	J46	66	184.394	0.122	10.4	0.1375	0.0000	OK
120 minute summer	J47	66	184.365	0.117	11.2	0.1322	0.0000	OK
120 minute summer	J48	66	184.295	0.141	13.9	0.1597	0.0000	OK
120 minute summer	J49	66	184.282	0.153	14.7	0.1733	0.0000	OK
120 minute summer	J50	66	184.273	0.148	15.5	0.1670	0.0000	OK
120 minute summer	J51	66	184.258	0.150	16.3	0.1696	0.0000	OK
120 minute summer	J52	66	184.244	0.140	17.2	0.1584	0.0000	OK
120 minute summer	J53	66	184.219	0.132	18.0	0.1490	0.0000	OK
120 minute summer	J54	64	185.032	0.053	2.7	0.0599	0.0000	OK
120 minute summer	J55	64	185.002	0.058	3.5	0.0658	0.0000	OK
120 minute summer	J56	216	184.155	0.188	29.9	0.2128	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J42	48.003	S21	2.8	0.568	0.476	0.0403
120 minute summer	J43	48.005	J44	5.4	0.551	0.385	0.0162
120 minute summer	J44	48.006	J45	6.2	0.508	0.462	0.1098
120 minute summer	J45	48.007	S22	7.0	0.483	0.515	0.0366
120 minute summer	J46	48.009	J47	10.4	0.693	0.780	0.0632
120 minute summer	J47	48.010	S23	11.2	0.829	0.841	0.0356
120 minute summer	J48	48.012	J49	13.9	0.509	0.466	0.2049
120 minute summer	J49	48.013	J50	14.7	0.523	0.481	0.0320
120 minute summer	J50	48.014	J51	15.5	0.558	0.520	0.1413
120 minute summer	J51	48.015	J52	16.3	0.605	0.533	0.0307
120 minute summer	J52	48.016	J53	17.2	0.690	0.563	0.1221
120 minute summer	J53	48.017	S24	18.0	0.830	0.596	0.2277
120 minute summer	J54	65.002	J55	2.7	0.594	0.448	0.0163
120 minute summer	J55	65.003	S24	3.4	0.756	0.584	0.0358
120 minute summer	J56	48.019	J57	29.8	0.686	0.549	0.4508

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Results for 100 year +45% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.87%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	J57	216	184.155	0.210	30.6	0.2377	0.0000	OK
120 minute summer	BASIN 1	182	186.172	1.172	46.9	160.2475	0.0000	SURCHARGED
120 minute summer	BASIN 2	360	184.548	0.248	1.6	22.9676	0.0000	OK
120 minute summer	BASIN 3	220	183.260	0.159	37.2	111.8507	0.0000	OK
120 minute summer	BASIN 4	214	184.155	0.825	30.6	120.5399	0.0000	SURCHARGED
120 minute summer	SWALE 1	184	184.967	0.035	1.5	0.0392	0.0000	OK
120 minute summer	SWALE 2	2	184.450	0.000	0.0	0.0000	0.0000	OK
120 minute summer	SWALE 3	66	184.231	0.161	37.1	0.1821	0.0000	OK
120 minute summer	BH1	360	184.548	0.471	1.1	2.1687	0.0000	OK
120 minute summer	BH2	200	183.260	0.208	5.4	2.6412	0.0000	OK
120 minute summer	BH3	214	184.155	0.849	3.8	5.5677	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	J57	48.020	S25	30.6	0.758	0.567	0.4373
120 minute summer	BASIN 1	1.023	S5	1.6	0.214	0.029	0.6013
120 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
120 minute summer	BASIN 2	71.000	BH1	1.1	0.497	0.180	0.1829
120 minute summer	BASIN 3	1.034	BH2	5.4	0.446	0.065	1.4517
120 minute summer	BASIN 4	48.022	BH3	3.8	0.640	0.071	0.7181
120 minute summer	SWALE 1	1.025	S6	1.5	0.334	0.029	0.1715
120 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
120 minute summer	SWALE 3	1.033	BASIN 3	37.2	1.015	0.536	1.5826
120 minute summer	BH1	Infiltration		0.1			
120 minute summer	BH2	Infiltration		0.2			
120 minute summer	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S1	64	188.403	0.033	2.1	0.0452	0.0000	OK
120 minute winter	S2	66	187.169	0.130	17.6	0.1910	0.0000	OK
120 minute winter	S3	66	186.351	0.139	25.2	0.1802	0.0000	OK
120 minute winter	S4	216	186.293	0.915	42.0	1.0872	0.0000	SURCHARGED
120 minute winter	S5	196	186.283	1.303	2.3	1.4739	0.0000	SURCHARGED
120 minute winter	S6	198	184.880	0.036	1.6	0.0405	0.0000	OK
120 minute winter	S7	2	184.779	0.000	0.0	0.0000	0.0000	OK
120 minute winter	S8	2	184.390	0.000	0.0	0.0000	0.0000	OK
120 minute winter	S9	66	184.293	0.093	0.2	0.1056	0.0000	OK
120 minute winter	S10	66	184.293	0.109	32.1	0.1669	0.0000	OK
120 minute winter	S11	66	186.482	0.082	4.7	0.1333	0.0000	OK
120 minute winter	S12	68	186.267	0.091	7.0	0.1024	0.0000	OK
120 minute winter	S13	64	186.103	0.069	12.6	0.0981	0.0000	OK
120 minute winter	S14	64	185.407	0.157	17.7	0.2456	0.0000	SURCHARGED
120 minute winter	S15	64	184.944	0.077	22.3	0.1077	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	S1	1.000	J1	2.1	0.580	0.241	0.0298
120 minute winter	S2	1.012	J12	17.6	0.820	0.589	0.0321
120 minute winter	S3	1.019	J18	25.2	1.213	0.824	0.1066
120 minute winter	S4	1.022	BASIN 1	41.1	1.760	0.245	1.1778
120 minute winter	S5	1.024	SWALE 1	1.6	0.339	0.030	0.0952
120 minute winter	S6	1.026	BASIN 2	1.6	0.388	0.029	0.0236
120 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
120 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.1123
120 minute winter	S9	1.031	S10	-0.2	-0.089	-0.004	0.1400
120 minute winter	S10	1.032	SWALE 3	32.1	1.119	0.178	0.1257
120 minute winter	S11	32.000	J28	4.7	0.694	0.785	0.0330
120 minute winter	S12	32.003	J30	7.0	0.607	0.522	0.0585
120 minute winter	S13	32.007	J33	12.5	1.671	0.389	0.0977
120 minute winter	S14	32.009	J34	17.6	1.037	1.016	0.0864
120 minute winter	S15	32.013	J37	22.4	1.251	0.242	0.1675

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Results for 100 year +45% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S16	66	184.641	0.084	24.7	0.1066	0.0000	OK
120 minute winter	S17	208	186.288	0.288	0.5	0.3257	0.0000	SURCHARGED
120 minute winter	S18	202	186.285	0.624	7.1	0.8823	0.0000	SURCHARGED
120 minute winter	S19	202	186.285	0.794	13.3	1.0878	0.0000	SURCHARGED
120 minute winter	S20	68	184.681	0.039	1.7	0.0478	0.0000	OK
120 minute winter	S21	68	184.525	0.066	4.1	0.0784	0.0000	OK
120 minute winter	S22	66	184.402	0.116	8.7	0.1421	0.0000	OK
120 minute winter	S23	68	184.296	0.137	12.0	0.1625	0.0000	OK
120 minute winter	S24	200	184.237	0.260	26.7	0.3774	0.0000	OK
120 minute winter	S25	200	184.239	0.313	27.8	0.3538	0.0000	SURCHARGED
120 minute winter	S26	70	185.406	0.029	1.5	0.0349	0.0000	OK
120 minute winter	FC1	84	188.960	0.710	1.9	2.0089	0.0000	FLOOD RISK
120 minute winter	FC2	84	188.857	0.707	1.9	2.0324	0.0000	FLOOD RISK
120 minute winter	FC3	90	188.956	0.756	3.0	4.3855	0.0000	FLOOD RISK
120 minute winter	FC4	82	188.865	0.665	1.5	1.3252	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	S16	32.015	J38	24.6	1.025	0.168	0.0546
120 minute winter	S17	23.001	J20	0.5	0.307	0.084	0.0560
120 minute winter	S18	23.006	J24	7.0	0.577	0.514	0.0323
120 minute winter	S19	23.010	J27	13.3	0.649	0.444	0.3541
120 minute winter	S20	48.001	J41	1.7	0.613	0.290	0.0131
120 minute winter	S21	48.004	J43	4.1	0.775	0.685	0.0267
120 minute winter	S22	48.008	J46	8.7	0.604	0.652	0.0352
120 minute winter	S23	48.011	J48	12.0	0.484	0.391	0.0280
120 minute winter	S24	48.018	J56	26.7	0.629	0.499	0.2791
120 minute winter	S25	48.021	BASIN 4	27.8	0.868	0.504	0.2248
120 minute winter	S26	65.001	J54	1.5	0.817	0.172	0.0156
120 minute winter	FC1	2.000	J1	0.8	0.571	0.135	0.0153
120 minute winter	FC2	3.000	J2	0.9	0.357	0.148	0.0274
120 minute winter	FC3	4.000	J3	0.9	0.560	0.136	0.0145
120 minute winter	FC4	5.000	J4	0.8	0.620	0.107	0.0096

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Results for 100 year +45% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC5	84	188.700	0.700	1.9	2.0188	0.0000	SURCHARGED
120 minute winter	FC6	82	188.520	0.670	1.5	1.3191	0.0000	SURCHARGED
120 minute winter	FC7	82	188.420	0.670	1.5	1.3228	0.0000	SURCHARGED
120 minute winter	FC8	84	188.454	0.704	1.9	2.0048	0.0000	FLOOD RISK
120 minute winter	FC9	82	188.140	0.670	1.5	1.3269	0.0000	SURCHARGED
120 minute winter	FC10	88	188.218	0.748	2.6	3.5941	0.0000	FLOOD RISK
120 minute winter	FC11	84	188.010	0.690	1.7	1.7116	0.0000	SURCHARGED
120 minute winter	FC12	84	187.921	0.691	1.7	1.7109	0.0000	SURCHARGED
120 minute winter	FC13	84	187.711	0.711	1.9	2.0102	0.0000	FLOOD RISK
120 minute winter	FC14	92	187.165	0.265	1.9	3.3895	0.0000	SURCHARGED
120 minute winter	FC15	82	187.872	0.672	1.5	1.3094	0.0000	SURCHARGED
120 minute winter	FC16	82	187.572	0.672	1.5	1.3243	0.0000	SURCHARGED
120 minute winter	FC17	82	187.672	0.672	1.5	1.3133	0.0000	SURCHARGED
120 minute winter	FC18	82	187.223	0.673	1.5	1.3255	0.0000	SURCHARGED
120 minute winter	FC19	84	187.112	0.712	1.9	2.0101	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC5	6.000	J5	0.8	0.518	0.140	0.0066
120 minute winter	FC6	7.000	J6	0.8	0.684	0.094	0.0109
120 minute winter	FC7	8.000	J7	0.8	0.581	0.115	0.0160
120 minute winter	FC8	9.000	J8	0.8	0.737	0.086	0.0047
120 minute winter	FC9	10.000	J9	0.8	0.522	0.137	0.0112
120 minute winter	FC10	11.000	J10	0.9	0.572	0.130	0.0094
120 minute winter	FC11	12.000	J11	0.8	0.522	0.140	0.0122
120 minute winter	FC12	13.000	S2	0.8	0.522	0.140	0.0109
120 minute winter	FC13	14.000	J12	0.8	0.525	0.141	0.0109
120 minute winter	FC14	15.000	J13	0.5	0.456	0.084	0.0127
120 minute winter	FC15	16.000	J14	0.8	1.112	0.047	0.0052
120 minute winter	FC16	17.000	J15	0.8	0.555	0.126	0.0111
120 minute winter	FC17	18.000	J16	0.8	0.882	0.065	0.0045
120 minute winter	FC18	19.000	J17	0.8	0.520	0.138	0.0110
120 minute winter	FC19	20.000	S3	0.8	0.523	0.142	0.0106

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Results for 100 year +45% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC20	84	187.652	0.702	1.9	1.9984	0.0000	FLOOD RISK
120 minute winter	FC21	84	187.004	0.704	1.9	2.0148	0.0000	FLOOD RISK
120 minute winter	FC22	90	186.704	0.254	1.5	2.4645	0.0000	SURCHARGED
120 minute winter	FC23	82	186.971	0.671	1.5	1.3256	0.0000	SURCHARGED
120 minute winter	FC24	84	187.005	0.705	1.9	2.0093	0.0000	FLOOD RISK
120 minute winter	FC25	84	187.253	0.703	1.9	1.9976	0.0000	FLOOD RISK
120 minute winter	FC26	90	186.697	0.247	1.5	2.4926	0.0000	SURCHARGED
120 minute winter	FC27	82	187.168	0.668	1.5	1.3114	0.0000	SURCHARGED
120 minute winter	FC28	84	187.200	0.700	1.9	1.9993	0.0000	FLOOD RISK
120 minute winter	FC29	86	187.215	0.715	2.1	2.3593	0.0000	FLOOD RISK
120 minute winter	FC30	84	187.451	0.701	1.9	1.9999	0.0000	FLOOD RISK
120 minute winter	FC31	82	187.119	0.669	1.5	1.3190	0.0000	SURCHARGED
120 minute winter	FC32	82	187.120	0.670	1.5	1.3134	0.0000	SURCHARGED
120 minute winter	FC33	84	187.158	0.708	1.9	1.9955	0.0000	FLOOD RISK
120 minute winter	FC34	84	187.159	0.709	1.9	2.0114	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC20	21.000	J18	0.8	1.056	0.052	0.0034
120 minute winter	FC21	22.000	J19	0.8	0.524	0.141	0.0222
120 minute winter	FC22	23.000	S17	0.5	0.651	0.027	0.0198
120 minute winter	FC23	24.000	J20	0.8	0.540	0.129	0.0069
120 minute winter	FC24	25.000	J21	0.8	0.611	0.112	0.0105
120 minute winter	FC25	26.000	J22	0.8	1.048	0.053	0.0106
120 minute winter	FC26	27.000	J23	0.5	0.792	0.037	0.0111
120 minute winter	FC27	28.000	J24	0.8	1.147	0.045	0.0185
120 minute winter	FC28	29.000	J25	0.8	1.053	0.052	0.0163
120 minute winter	FC29	30.000	J26	0.8	1.027	0.055	0.0179
120 minute winter	FC30	31.000	J27	0.8	0.982	0.058	0.0037
120 minute winter	FC31	33.000	J28	0.8	0.488	0.090	0.0188
120 minute winter	FC32	34.000	J29	0.8	0.374	0.065	0.0181
120 minute winter	FC33	35.000	S12	0.8	0.966	0.059	0.0079
120 minute winter	FC34	36.000	J30	0.8	0.537	0.135	0.0074

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Results for 100 year +45% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC35	84	187.151	0.701	1.9	1.9994	0.0000	FLOOD RISK
120 minute winter	FC36	86	187.158	0.708	2.1	2.3635	0.0000	FLOOD RISK
120 minute winter	FC37	88	186.542	0.742	2.4	3.1701	0.0000	FLOOD RISK
120 minute winter	FC38	90	185.666	0.216	1.5	2.5990	0.0000	SURCHARGED
120 minute winter	FC39	82	186.113	0.663	1.5	1.3165	0.0000	SURCHARGED
120 minute winter	FC40	84	186.161	0.661	1.9	2.0424	0.0000	SURCHARGED
120 minute winter	FC41	84	185.546	0.696	1.9	2.0085	0.0000	SURCHARGED
120 minute winter	FC42	84	185.296	0.696	1.9	2.0114	0.0000	SURCHARGED
120 minute winter	FC43	84	185.241	0.641	1.9	2.0442	0.0000	SURCHARGED
120 minute winter	FC44	64	184.626	0.026	1.5	0.0335	0.0000	OK
120 minute winter	FC45	2	184.600	0.000	0.0	0.0000	0.0000	OK
120 minute winter	FC46	88	185.448	0.748	2.6	3.5959	0.0000	FLOOD RISK
120 minute winter	FC47	2	184.750	0.000	0.0	0.0000	0.0000	OK
120 minute winter	FC48	84	185.503	0.703	1.9	1.9983	0.0000	FLOOD RISK
120 minute winter	FC49	84	185.505	0.705	1.9	2.0150	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC35	37.000	J31	0.8	0.966	0.059	0.0110
120 minute winter	FC36	38.000	J32	0.8	1.037	0.053	0.0102
120 minute winter	FC37	39.000	J33	0.9	0.703	0.097	0.0080
120 minute winter	FC38	40.000	J34	0.5	0.745	0.036	0.0029
120 minute winter	FC39	41.000	J35	0.8	0.972	0.056	0.0037
120 minute winter	FC40	42.000	J36	0.8	1.190	0.042	0.0035
120 minute winter	FC41	43.000	J37	0.8	0.781	0.079	0.0054
120 minute winter	FC42	44.000	J38	0.8	0.680	0.096	0.0133
120 minute winter	FC43	45.000	J39	0.8	0.786	0.074	0.0095
120 minute winter	FC44	46.000	J40	1.5	0.962	0.133	0.0068
120 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
120 minute winter	FC46	48.000	S20	0.9	0.511	0.145	0.0132
120 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0074
120 minute winter	FC48	50.000	J42	0.8	0.564	0.060	0.0108
120 minute winter	FC49	51.000	S21	0.8	0.519	0.141	0.0070

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Results for 100 year +45% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC50	84	185.506	0.706	1.9	2.0140	0.0000	FLOOD RISK
120 minute winter	FC51	84	185.547	0.697	1.9	2.0200	0.0000	SURCHARGED
120 minute winter	FC52	88	185.969	0.719	2.2	2.7694	0.0000	FLOOD RISK
120 minute winter	FC53	84	185.953	0.703	1.9	2.0063	0.0000	FLOOD RISK
120 minute winter	FC54	82	185.919	0.669	1.5	1.3172	0.0000	SURCHARGED
120 minute winter	FC55	82	185.917	0.666	1.5	1.3141	0.0000	SURCHARGED
120 minute winter	FC56	84	186.051	0.701	1.9	1.9993	0.0000	FLOOD RISK
120 minute winter	FC57	84	186.053	0.703	1.9	1.9986	0.0000	FLOOD RISK
120 minute winter	FC58	82	186.018	0.668	1.5	1.3146	0.0000	SURCHARGED
120 minute winter	FC59	82	186.021	0.671	1.5	1.3141	0.0000	SURCHARGED
120 minute winter	FC60	84	186.054	0.704	1.9	2.0006	0.0000	FLOOD RISK
120 minute winter	FC61	84	186.005	0.705	1.9	2.0061	0.0000	FLOOD RISK
120 minute winter	FC62	90	186.005	0.755	2.8	3.9917	0.0000	FLOOD RISK
120 minute winter	FC63	82	186.070	0.670	1.5	1.3293	0.0000	SURCHARGED
120 minute winter	FC64	82	185.853	0.853	1.9	1.8919	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC50	52.000	J43	0.8	0.520	0.141	0.0075
120 minute winter	FC51	55.000	S22	0.8	0.522	0.140	0.0098
120 minute winter	FC52	58.000	S23	0.8	0.764	0.084	0.0060
120 minute winter	FC53	61.000	J50	0.8	0.715	0.090	0.0050
120 minute winter	FC54	62.000	J51	0.8	0.787	0.076	0.0041
120 minute winter	FC55	64.000	J53	0.8	0.995	0.054	0.0034
120 minute winter	FC56	53.000	J44	0.8	1.036	0.054	0.0053
120 minute winter	FC57	54.000	J45	0.8	0.972	0.059	0.0056
120 minute winter	FC58	56.000	J46	0.8	0.927	0.061	0.0055
120 minute winter	FC59	57.000	J47	0.8	0.859	0.068	0.0061
120 minute winter	FC60	59.000	J48	0.8	0.856	0.071	0.0065
120 minute winter	FC61	60.000	J49	0.8	0.687	0.097	0.0090
120 minute winter	FC62	63.000	J52	0.9	0.639	0.113	0.0127
120 minute winter	FC63	65.000	S26	0.8	0.543	0.137	0.0043
120 minute winter	FC64	66.000	J54	0.9	0.375	0.156	0.0065

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Results for 100 year +45% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	FC65	84	185.858	0.708	1.9	1.9918	0.0000	FLOOD RISK
120 minute winter	FC66	84	185.709	0.709	1.9	2.0091	0.0000	FLOOD RISK
120 minute winter	FC67	90	185.045	0.245	1.5	2.5256	0.0000	SURCHARGED
120 minute winter	FC68	82	185.220	0.670	1.5	1.3207	0.0000	SURCHARGED
120 minute winter	J1	64	188.261	0.061	5.0	0.0821	0.0000	OK
120 minute winter	J2	64	188.204	0.098	5.8	0.1103	0.0000	OK
120 minute winter	J3	64	188.121	0.075	6.6	0.0844	0.0000	OK
120 minute winter	J4	64	188.089	0.054	7.4	0.0612	0.0000	OK
120 minute winter	J5	64	187.958	0.047	8.2	0.0537	0.0000	OK
120 minute winter	J6	66	187.729	0.078	9.0	0.0887	0.0000	OK
120 minute winter	J7	66	187.692	0.092	9.8	0.1035	0.0000	OK
120 minute winter	J8	66	187.659	0.066	10.6	0.0747	0.0000	OK
120 minute winter	J9	66	187.365	0.090	11.4	0.1013	0.0000	OK
120 minute winter	J10	66	187.323	0.053	12.2	0.0601	0.0000	OK
120 minute winter	J11	66	187.198	0.077	13.0	0.0875	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	FC65	67.000	J55	0.8	0.576	0.045	0.0057
120 minute winter	FC66	68.000	S24	0.8	0.583	0.116	0.0030
120 minute winter	FC67	69.000	J56	0.5	0.436	0.081	0.0023
120 minute winter	FC68	70.000	J57	0.8	0.679	0.091	0.0027
120 minute winter	J1	1.001	J2	5.0	0.755	0.603	0.0320
120 minute winter	J2	1.002	J3	5.8	0.794	0.976	0.0074
120 minute winter	J3	1.003	J4	6.6	0.914	0.496	0.0141
120 minute winter	J4	1.004	J5	7.4	1.406	0.220	0.0186
120 minute winter	J5	1.005	J6	8.2	1.166	0.214	0.0400
120 minute winter	J6	1.006	J7	9.0	0.871	0.315	0.0202
120 minute winter	J7	1.007	J8	9.8	1.041	0.700	0.0106
120 minute winter	J8	1.008	J9	10.6	1.487	0.350	0.0602
120 minute winter	J9	1.009	J10	11.4	1.052	0.341	0.0131
120 minute winter	J10	1.010	J11	12.2	1.279	0.094	0.0235
120 minute winter	J11	1.011	S2	13.0	0.733	0.202	0.0960

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Results for 100 year +45% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J12	66	186.899	0.090	18.4	0.1018	0.0000	OK
120 minute winter	J13	66	186.862	0.160	18.8	0.1807	0.0000	OK
120 minute winter	J14	66	186.845	0.150	19.6	0.1695	0.0000	OK
120 minute winter	J15	66	186.821	0.133	20.4	0.1508	0.0000	OK
120 minute winter	J16	66	186.779	0.109	21.2	0.1234	0.0000	OK
120 minute winter	J17	66	186.438	0.080	22.0	0.0904	0.0000	OK
120 minute winter	J18	66	186.289	0.095	26.0	0.1073	0.0000	OK
120 minute winter	J19	174	186.296	0.269	26.8	0.3041	0.0000	OK
120 minute winter	J20	208	186.287	0.356	1.3	0.4024	0.0000	SURCHARGED
120 minute winter	J21	208	186.286	0.391	2.2	0.4422	0.0000	SURCHARGED
120 minute winter	J22	202	186.286	0.468	3.0	0.5289	0.0000	SURCHARGED
120 minute winter	J23	202	186.286	0.503	3.4	0.5685	0.0000	SURCHARGED
120 minute winter	J24	202	186.285	0.635	7.8	0.7187	0.0000	SURCHARGED
120 minute winter	J25	156	186.288	0.673	8.6	0.7614	0.0000	SURCHARGED
120 minute winter	J26	166	186.289	0.702	9.4	0.7939	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J12	1.013	J13	18.4	0.815	0.275	0.1454
120 minute winter	J13	1.014	J14	18.8	0.646	0.600	0.0552
120 minute winter	J14	1.015	J15	19.6	0.746	0.628	0.0504
120 minute winter	J15	1.016	J16	20.4	0.937	0.667	0.1116
120 minute winter	J16	1.017	J17	21.2	1.240	0.352	0.0575
120 minute winter	J17	1.018	S3	22.0	1.153	0.151	0.0361
120 minute winter	J18	1.020	J19	26.0	1.949	0.200	0.0376
120 minute winter	J19	1.021	S4	26.8	0.857	0.486	0.2915
120 minute winter	J20	23.002	J21	1.3	0.481	0.229	0.0295
120 minute winter	J21	23.003	J22	2.1	0.560	0.362	0.0627
120 minute winter	J22	23.004	J23	3.0	0.670	0.497	0.0281
120 minute winter	J23	23.005	S18	3.5	0.754	0.587	0.0587
120 minute winter	J24	23.007	J25	7.8	0.627	0.589	0.1088
120 minute winter	J25	23.008	J26	8.6	0.665	0.650	0.0874
120 minute winter	J26	23.009	S19	9.5	0.788	0.710	0.0652

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Results for 100 year +45% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J27	234	186.291	0.830	14.1	0.9382	0.0000	SURCHARGED
120 minute winter	J28	66	186.452	0.096	5.5	0.1090	0.0000	OK
120 minute winter	J29	64	186.375	0.104	6.2	0.1175	0.0000	SURCHARGED
120 minute winter	J30	70	186.243	0.096	7.8	0.1086	0.0000	OK
120 minute winter	J31	70	186.215	0.096	8.6	0.1081	0.0000	OK
120 minute winter	J32	70	186.158	0.094	9.4	0.1061	0.0000	OK
120 minute winter	J33	64	185.674	0.064	13.4	0.0720	0.0000	OK
120 minute winter	J34	64	185.236	0.111	18.0	0.1250	0.0000	OK
120 minute winter	J35	64	185.151	0.075	18.8	0.0853	0.0000	OK
120 minute winter	J36	66	184.995	0.120	19.5	0.1357	0.0000	OK
120 minute winter	J37	66	184.706	0.131	23.2	0.1480	0.0000	OK
120 minute winter	J38	66	184.553	0.178	25.5	0.2016	0.0000	OK
120 minute winter	J39	66	184.508	0.170	26.2	0.1919	0.0000	OK
120 minute winter	J40	66	184.469	0.144	27.7	0.1629	0.0000	OK
120 minute winter	J41	68	184.636	0.039	1.7	0.0438	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J27	23.011	S4	14.1	0.767	0.473	0.0951
120 minute winter	J28	32.001	J29	5.4	0.723	0.908	0.0687
120 minute winter	J29	32.002	S12	6.2	0.818	1.039	0.0339
120 minute winter	J30	32.004	J31	7.8	0.657	0.587	0.0591
120 minute winter	J31	32.005	J32	8.6	0.736	0.649	0.1142
120 minute winter	J32	32.006	S13	9.4	0.976	0.710	0.0516
120 minute winter	J33	32.008	S14	13.4	1.064	0.375	0.1122
120 minute winter	J34	32.010	J35	18.0	1.162	0.466	0.1401
120 minute winter	J35	32.011	J36	18.8	1.144	0.211	0.1140
120 minute winter	J36	32.012	S15	19.7	1.201	0.657	0.0397
120 minute winter	J37	32.014	S16	23.2	1.239	0.763	0.0972
120 minute winter	J38	32.016	J39	25.4	0.772	0.842	0.3562
120 minute winter	J39	32.017	J40	26.2	0.887	0.851	0.1077
120 minute winter	J40	32.018	S10	27.7	1.096	0.644	0.2420
120 minute winter	J41	48.002	J42	1.7	0.550	0.291	0.0195

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Results for 100 year +45% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J42	68	184.583	0.046	2.5	0.0518	0.0000	OK
120 minute winter	J43	68	184.438	0.078	4.9	0.0882	0.0000	OK
120 minute winter	J44	68	184.426	0.076	5.7	0.0857	0.0000	OK
120 minute winter	J45	66	184.410	0.110	6.5	0.1244	0.0000	OK
120 minute winter	J46	66	184.386	0.114	9.5	0.1284	0.0000	OK
120 minute winter	J47	66	184.359	0.111	10.3	0.1251	0.0000	OK
120 minute winter	J48	68	184.287	0.133	12.9	0.1509	0.0000	OK
120 minute winter	J49	68	184.275	0.146	13.7	0.1650	0.0000	OK
120 minute winter	J50	68	184.266	0.141	14.5	0.1591	0.0000	OK
120 minute winter	J51	68	184.251	0.143	15.3	0.1622	0.0000	OK
120 minute winter	J52	68	184.238	0.134	16.1	0.1514	0.0000	OK
120 minute winter	J53	200	184.237	0.149	16.9	0.1690	0.0000	OK
120 minute winter	J54	70	185.029	0.050	2.4	0.0562	0.0000	OK
120 minute winter	J55	70	185.000	0.056	3.2	0.0630	0.0000	OK
120 minute winter	J56	200	184.237	0.270	27.1	0.3052	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J42	48.003	S21	2.5	0.564	0.431	0.0368
120 minute winter	J43	48.005	J44	4.9	0.545	0.348	0.0146
120 minute winter	J44	48.006	J45	5.7	0.509	0.426	0.0999
120 minute winter	J45	48.007	S22	6.5	0.490	0.481	0.0339
120 minute winter	J46	48.009	J47	9.5	0.675	0.715	0.0595
120 minute winter	J47	48.010	S23	10.3	0.807	0.775	0.0337
120 minute winter	J48	48.012	J49	12.9	0.497	0.430	0.1927
120 minute winter	J49	48.013	J50	13.7	0.513	0.446	0.0303
120 minute winter	J50	48.014	J51	14.5	0.549	0.485	0.1339
120 minute winter	J51	48.015	J52	15.3	0.596	0.499	0.0291
120 minute winter	J52	48.016	J53	16.1	0.680	0.528	0.1277
120 minute winter	J53	48.017	S24	16.9	0.816	0.561	0.3229
120 minute winter	J54	65.002	J55	2.4	0.574	0.405	0.0152
120 minute winter	J55	65.003	S24	3.2	0.745	0.546	0.0340
120 minute winter	J56	48.019	J57	27.0	0.667	0.498	0.6206

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Results for 100 year +45% CC 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	J57	206	184.236	0.291	27.8	0.3293	0.0000	OK
120 minute winter	BASIN 1	196	186.283	1.283	41.1	179.1015	0.0000	SURCHARGED
120 minute winter	BASIN 2	360	184.561	0.261	1.7	24.2095	0.0000	OK
120 minute winter	BASIN 3	232	183.279	0.179	34.4	125.7139	0.0000	OK
120 minute winter	BASIN 4	228	184.235	0.905	27.8	134.1524	0.0000	SURCHARGED
120 minute winter	SWALE 1	196	184.967	0.035	1.6	0.0401	0.0000	OK
120 minute winter	SWALE 2	2	184.450	0.000	0.0	0.0000	0.0000	OK
120 minute winter	SWALE 3	66	184.217	0.147	32.1	0.1667	0.0000	OK
120 minute winter	BH1	360	184.561	0.484	1.1	2.2048	0.0000	OK
120 minute winter	BH2	222	183.280	0.228	4.9	2.7376	0.0000	OK
120 minute winter	BH3	224	184.235	0.929	4.2	5.9411	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute winter	J57	48.020	S25	27.8	0.738	0.515	0.5552
120 minute winter	BASIN 1	1.023	S5	2.3	0.241	0.042	0.6013
120 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
120 minute winter	BASIN 2	71.000	BH1	1.1	0.508	0.183	0.1829
120 minute winter	BASIN 3	1.034	BH2	4.9	0.456	0.059	1.6466
120 minute winter	BASIN 4	48.022	BH3	4.2	0.681	0.078	0.7181
120 minute winter	SWALE 1	1.025	S6	1.6	0.338	0.030	0.1770
120 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
120 minute winter	SWALE 3	1.033	BASIN 3	32.1	0.975	0.463	1.4245
120 minute winter	BH1	Infiltration		0.1			
120 minute winter	BH2	Infiltration		0.2			
120 minute winter	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S1	96	188.403	0.033	2.0	0.0441	0.0000	OK
180 minute summer	S2	96	187.167	0.128	17.2	0.1884	0.0000	OK
180 minute summer	S3	96	186.348	0.136	24.4	0.1768	0.0000	OK
180 minute summer	S4	192	186.276	0.898	40.2	1.0668	0.0000	SURCHARGED
180 minute summer	S5	208	186.269	1.289	2.2	1.4578	0.0000	SURCHARGED
180 minute summer	S6	224	184.880	0.036	1.6	0.0404	0.0000	OK
180 minute summer	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
180 minute summer	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
180 minute summer	S9	96	184.290	0.090	0.1	0.1020	0.0000	OK
180 minute summer	S10	96	184.290	0.106	30.9	0.1621	0.0000	OK
180 minute summer	S11	96	186.476	0.076	4.5	0.1234	0.0000	OK
180 minute summer	S12	96	186.265	0.089	6.8	0.1004	0.0000	OK
180 minute summer	S13	96	186.102	0.068	12.2	0.0966	0.0000	OK
180 minute summer	S14	96	185.399	0.149	17.1	0.2334	0.0000	OK
180 minute summer	S15	96	184.943	0.076	21.2	0.1062	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	S1	1.000	J1	2.0	0.573	0.229	0.0288
180 minute summer	S2	1.012	J12	17.2	0.813	0.575	0.0315
180 minute summer	S3	1.019	J18	24.4	1.203	0.798	0.1040
180 minute summer	S4	1.022	BASIN 1	38.9	1.648	0.232	1.1778
180 minute summer	S5	1.024	SWALE 1	1.6	0.338	0.029	0.0948
180 minute summer	S6	1.026	BASIN 2	1.6	0.387	0.029	0.0235
180 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
180 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.1070
180 minute summer	S9	1.031	S10	-0.1	-0.051	-0.003	0.1341
180 minute summer	S10	1.032	SWALE 3	30.8	1.113	0.171	0.1211
180 minute summer	S11	32.000	J28	4.5	0.698	0.756	0.0298
180 minute summer	S12	32.003	J30	6.8	0.604	0.508	0.0571
180 minute summer	S13	32.007	J33	12.2	1.660	0.379	0.0958
180 minute summer	S14	32.009	J34	17.1	1.036	0.984	0.0858
180 minute summer	S15	32.013	J37	21.6	1.235	0.234	0.1639

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Results for 100 year +45% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	S16	96	184.639	0.082	23.8	0.1038	0.0000	OK
180 minute summer	S17	240	186.274	0.274	0.5	0.3098	0.0000	SURCHARGED
180 minute summer	S18	240	186.274	0.613	6.9	0.8659	0.0000	SURCHARGED
180 minute summer	S19	200	186.272	0.781	13.0	1.0703	0.0000	SURCHARGED
180 minute summer	S20	96	184.681	0.039	1.7	0.0475	0.0000	OK
180 minute summer	S21	96	184.524	0.065	4.0	0.0775	0.0000	OK
180 minute summer	S22	96	184.400	0.114	8.5	0.1393	0.0000	OK
180 minute summer	S23	96	184.293	0.135	11.8	0.1592	0.0000	OK
180 minute summer	S24	236	184.227	0.250	26.1	0.3627	0.0000	OK
180 minute summer	S25	260	184.228	0.302	27.1	0.3417	0.0000	SURCHARGED
180 minute summer	S26	96	185.406	0.029	1.5	0.0346	0.0000	OK
180 minute summer	FC1	112	188.926	0.676	1.8	1.5622	0.0000	SURCHARGED
180 minute summer	FC2	112	188.824	0.674	1.8	1.5783	0.0000	SURCHARGED
180 minute summer	FC3	120	188.924	0.724	2.9	3.5601	0.0000	FLOOD RISK
180 minute summer	FC4	108	188.839	0.639	1.4	1.0319	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	S16	32.015	J38	23.7	1.026	0.162	0.0529
180 minute summer	S17	23.001	J20	0.5	0.282	0.077	0.0560
180 minute summer	S18	23.006	J24	6.8	0.578	0.499	0.0323
180 minute summer	S19	23.010	J27	12.8	0.637	0.428	0.3541
180 minute summer	S20	48.001	J41	1.7	0.611	0.287	0.0129
180 minute summer	S21	48.004	J43	4.0	0.772	0.675	0.0264
180 minute summer	S22	48.008	J46	8.5	0.603	0.636	0.0345
180 minute summer	S23	48.011	J48	11.8	0.484	0.382	0.0273
180 minute summer	S24	48.018	J56	26.1	0.626	0.487	0.2706
180 minute summer	S25	48.021	BASIN 4	27.0	0.861	0.490	0.2248
180 minute summer	S26	65.001	J54	1.5	0.813	0.168	0.0154
180 minute summer	FC1	2.000	J1	0.8	0.481	0.132	0.0149
180 minute summer	FC2	3.000	J2	0.9	0.307	0.144	0.0264
180 minute summer	FC3	4.000	J3	0.8	0.557	0.133	0.0142
180 minute summer	FC4	5.000	J4	0.8	0.617	0.105	0.0095

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Results for 100 year +45% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC5	112	188.669	0.669	1.8	1.5684	0.0000	SURCHARGED
180 minute summer	FC6	108	188.492	0.642	1.4	1.0289	0.0000	SURCHARGED
180 minute summer	FC7	108	188.392	0.642	1.4	1.0316	0.0000	SURCHARGED
180 minute summer	FC8	112	188.422	0.672	1.8	1.5571	0.0000	SURCHARGED
180 minute summer	FC9	108	188.112	0.642	1.4	1.0350	0.0000	SURCHARGED
180 minute summer	FC10	116	188.181	0.711	2.5	2.8050	0.0000	FLOOD RISK
180 minute summer	FC11	108	187.979	0.659	1.6	1.3157	0.0000	SURCHARGED
180 minute summer	FC12	108	187.890	0.660	1.6	1.3155	0.0000	SURCHARGED
180 minute summer	FC13	112	187.677	0.677	1.8	1.5637	0.0000	SURCHARGED
180 minute summer	FC14	120	187.130	0.230	1.8	2.9411	0.0000	SURCHARGED
180 minute summer	FC15	108	187.842	0.642	1.4	1.0219	0.0000	SURCHARGED
180 minute summer	FC16	108	187.543	0.643	1.4	1.0333	0.0000	SURCHARGED
180 minute summer	FC17	108	187.642	0.642	1.4	1.0248	0.0000	SURCHARGED
180 minute summer	FC18	108	187.194	0.644	1.4	1.0347	0.0000	SURCHARGED
180 minute summer	FC19	112	187.077	0.677	1.8	1.5637	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC5	6.000	J5	0.8	0.515	0.137	0.0065
180 minute summer	FC6	7.000	J6	0.8	0.679	0.092	0.0104
180 minute summer	FC7	8.000	J7	0.8	0.566	0.112	0.0154
180 minute summer	FC8	9.000	J8	0.8	0.733	0.084	0.0047
180 minute summer	FC9	10.000	J9	0.8	0.519	0.134	0.0111
180 minute summer	FC10	11.000	J10	0.8	0.568	0.126	0.0092
180 minute summer	FC11	12.000	J11	0.8	0.519	0.136	0.0120
180 minute summer	FC12	13.000	S2	0.8	0.518	0.136	0.0107
180 minute summer	FC13	14.000	J12	0.8	0.522	0.138	0.0107
180 minute summer	FC14	15.000	J13	0.5	0.446	0.078	0.0115
180 minute summer	FC15	16.000	J14	0.8	1.105	0.046	0.0046
180 minute summer	FC16	17.000	J15	0.8	0.552	0.123	0.0110
180 minute summer	FC17	18.000	J16	0.8	0.876	0.064	0.0044
180 minute summer	FC18	19.000	J17	0.8	0.516	0.135	0.0108
180 minute summer	FC19	20.000	S3	0.8	0.519	0.138	0.0104

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Results for 100 year +45% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC20	112	187.620	0.670	1.8	1.5509	0.0000	SURCHARGED
180 minute summer	FC21	112	186.972	0.672	1.8	1.5660	0.0000	SURCHARGED
180 minute summer	FC22	116	186.662	0.212	1.4	2.0630	0.0000	SURCHARGED
180 minute summer	FC23	108	186.943	0.643	1.4	1.0343	0.0000	SURCHARGED
180 minute summer	FC24	112	186.973	0.673	1.8	1.5614	0.0000	SURCHARGED
180 minute summer	FC25	112	187.221	0.671	1.8	1.5505	0.0000	SURCHARGED
180 minute summer	FC26	120	186.657	0.207	1.4	2.0890	0.0000	SURCHARGED
180 minute summer	FC27	108	187.140	0.640	1.4	1.0223	0.0000	SURCHARGED
180 minute summer	FC28	112	187.170	0.670	1.8	1.5514	0.0000	SURCHARGED
180 minute summer	FC29	112	187.188	0.688	2.0	1.9207	0.0000	SURCHARGED
180 minute summer	FC30	112	187.420	0.670	1.8	1.5521	0.0000	SURCHARGED
180 minute summer	FC31	108	187.091	0.641	1.4	1.0284	0.0000	SURCHARGED
180 minute summer	FC32	108	187.092	0.642	1.4	1.0245	0.0000	SURCHARGED
180 minute summer	FC33	112	187.124	0.674	1.8	1.5498	0.0000	SURCHARGED
180 minute summer	FC34	112	187.125	0.675	1.8	1.5641	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC20	21.000	J18	0.8	1.049	0.051	0.0034
180 minute summer	FC21	22.000	J19	0.8	0.520	0.138	0.0170
180 minute summer	FC22	23.000	S17	0.5	0.632	0.024	0.0197
180 minute summer	FC23	24.000	J20	0.8	0.536	0.126	0.0068
180 minute summer	FC24	25.000	J21	0.8	0.607	0.110	0.0077
180 minute summer	FC25	26.000	J22	0.8	1.041	0.052	0.0078
180 minute summer	FC26	27.000	J23	0.4	0.770	0.033	0.0083
180 minute summer	FC27	28.000	J24	0.8	1.140	0.044	0.0182
180 minute summer	FC28	29.000	J25	0.8	1.046	0.051	0.0147
180 minute summer	FC29	30.000	J26	0.8	1.022	0.054	0.0156
180 minute summer	FC30	31.000	J27	0.8	0.976	0.056	0.0037
180 minute summer	FC31	33.000	J28	0.8	0.405	0.088	0.0168
180 minute summer	FC32	34.000	J29	0.8	0.335	0.063	0.0180
180 minute summer	FC33	35.000	S12	0.8	0.959	0.058	0.0075
180 minute summer	FC34	36.000	J30	0.8	0.533	0.132	0.0073

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Results for 100 year +45% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC35	112	187.120	0.670	1.8	1.5518	0.0000	SURCHARGED
180 minute summer	FC36	112	187.133	0.683	2.0	1.9226	0.0000	SURCHARGED
180 minute summer	FC37	116	186.505	0.705	2.3	2.4786	0.0000	FLOOD RISK
180 minute summer	FC38	120	185.632	0.182	1.4	2.1935	0.0000	SURCHARGED
180 minute summer	FC39	108	186.088	0.638	1.4	1.0248	0.0000	SURCHARGED
180 minute summer	FC40	112	186.128	0.628	1.8	1.5855	0.0000	SURCHARGED
180 minute summer	FC41	112	185.517	0.667	1.8	1.5585	0.0000	SURCHARGED
180 minute summer	FC42	112	185.267	0.667	1.8	1.5612	0.0000	SURCHARGED
180 minute summer	FC43	112	185.233	0.633	1.8	1.5764	0.0000	SURCHARGED
180 minute summer	FC44	96	184.625	0.025	1.4	0.0323	0.0000	OK
180 minute summer	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
180 minute summer	FC46	116	185.411	0.711	2.5	2.8067	0.0000	FLOOD RISK
180 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute summer	FC48	112	185.471	0.671	1.8	1.5513	0.0000	SURCHARGED
180 minute summer	FC49	112	185.473	0.673	1.8	1.5664	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC35	37.000	J31	0.8	0.962	0.057	0.0105
180 minute summer	FC36	38.000	J32	0.8	1.035	0.052	0.0098
180 minute summer	FC37	39.000	J33	0.8	0.698	0.094	0.0079
180 minute summer	FC38	40.000	J34	0.4	0.725	0.033	0.0027
180 minute summer	FC39	41.000	J35	0.8	0.967	0.055	0.0037
180 minute summer	FC40	42.000	J36	0.8	1.181	0.041	0.0034
180 minute summer	FC41	43.000	J37	0.8	0.776	0.077	0.0053
180 minute summer	FC42	44.000	J38	0.8	0.676	0.094	0.0120
180 minute summer	FC43	45.000	J39	0.8	0.784	0.073	0.0085
180 minute summer	FC44	46.000	J40	1.4	0.945	0.125	0.0065
180 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
180 minute summer	FC46	48.000	S20	0.8	0.500	0.141	0.0130
180 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0073
180 minute summer	FC48	50.000	J42	0.8	0.636	0.059	0.0107
180 minute summer	FC49	51.000	S21	0.8	0.516	0.137	0.0069

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Results for 100 year +45% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC50	112	185.474	0.674	1.8	1.5660	0.0000	SURCHARGED
180 minute summer	FC51	112	185.518	0.668	1.8	1.5688	0.0000	SURCHARGED
180 minute summer	FC52	116	185.941	0.691	2.2	2.2249	0.0000	SURCHARGED
180 minute summer	FC53	112	185.921	0.671	1.8	1.5581	0.0000	SURCHARGED
180 minute summer	FC54	108	185.891	0.641	1.4	1.0270	0.0000	SURCHARGED
180 minute summer	FC55	108	185.890	0.640	1.4	1.0240	0.0000	SURCHARGED
180 minute summer	FC56	112	186.020	0.670	1.8	1.5515	0.0000	SURCHARGED
180 minute summer	FC57	112	186.022	0.671	1.8	1.5516	0.0000	SURCHARGED
180 minute summer	FC58	108	185.991	0.640	1.4	1.0247	0.0000	SURCHARGED
180 minute summer	FC59	108	185.992	0.642	1.4	1.0253	0.0000	SURCHARGED
180 minute summer	FC60	112	186.022	0.672	1.8	1.5537	0.0000	SURCHARGED
180 minute summer	FC61	112	185.972	0.672	1.8	1.5584	0.0000	SURCHARGED
180 minute summer	FC62	120	185.971	0.721	2.7	3.1986	0.0000	FLOOD RISK
180 minute summer	FC63	108	186.042	0.642	1.4	1.0367	0.0000	SURCHARGED
180 minute summer	FC64	112	185.812	0.812	1.8	1.4698	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC50	52.000	J43	0.8	0.516	0.137	0.0074
180 minute summer	FC51	55.000	S22	0.8	0.518	0.137	0.0096
180 minute summer	FC52	58.000	S23	0.8	0.760	0.082	0.0059
180 minute summer	FC53	61.000	J50	0.8	0.710	0.088	0.0049
180 minute summer	FC54	62.000	J51	0.8	0.782	0.074	0.0041
180 minute summer	FC55	64.000	J53	0.8	0.989	0.053	0.0034
180 minute summer	FC56	53.000	J44	0.8	1.029	0.053	0.0052
180 minute summer	FC57	54.000	J45	0.8	0.965	0.058	0.0055
180 minute summer	FC58	56.000	J46	0.8	0.921	0.060	0.0054
180 minute summer	FC59	57.000	J47	0.8	0.854	0.066	0.0060
180 minute summer	FC60	59.000	J48	0.8	0.851	0.069	0.0063
180 minute summer	FC61	60.000	J49	0.8	0.682	0.094	0.0088
180 minute summer	FC62	63.000	J52	0.8	0.634	0.110	0.0125
180 minute summer	FC63	65.000	S26	0.8	0.524	0.134	0.0042
180 minute summer	FC64	66.000	J54	0.9	0.373	0.152	0.0063

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Results for 100 year +45% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	FC65	112	185.824	0.674	1.8	1.5469	0.0000	SURCHARGED
180 minute summer	FC66	112	185.675	0.675	1.8	1.5621	0.0000	SURCHARGED
180 minute summer	FC67	120	185.006	0.206	1.4	2.1214	0.0000	SURCHARGED
180 minute summer	FC68	108	185.192	0.642	1.4	1.0298	0.0000	SURCHARGED
180 minute summer	J1	92	188.259	0.059	4.8	0.0797	0.0000	OK
180 minute summer	J2	96	188.200	0.094	5.6	0.1068	0.0000	OK
180 minute summer	J3	96	188.119	0.073	6.4	0.0828	0.0000	OK
180 minute summer	J4	96	188.088	0.053	7.2	0.0601	0.0000	OK
180 minute summer	J5	96	187.957	0.047	7.9	0.0528	0.0000	OK
180 minute summer	J6	96	187.727	0.077	8.7	0.0870	0.0000	OK
180 minute summer	J7	96	187.690	0.090	9.5	0.1019	0.0000	OK
180 minute summer	J8	96	187.658	0.065	10.3	0.0735	0.0000	OK
180 minute summer	J9	96	187.363	0.088	11.0	0.0997	0.0000	OK
180 minute summer	J10	96	187.322	0.052	11.8	0.0591	0.0000	OK
180 minute summer	J11	100	187.197	0.076	12.6	0.0857	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	FC65	67.000	J55	0.8	0.723	0.044	0.0055
180 minute summer	FC66	68.000	S24	0.8	0.579	0.113	0.0030
180 minute summer	FC67	69.000	J56	0.4	0.424	0.074	0.0022
180 minute summer	FC68	70.000	J57	0.8	0.675	0.089	0.0027
180 minute summer	J1	1.001	J2	4.8	0.752	0.578	0.0313
180 minute summer	J2	1.002	J3	5.6	0.781	0.941	0.0073
180 minute summer	J3	1.003	J4	6.4	0.906	0.480	0.0138
180 minute summer	J4	1.004	J5	7.2	1.397	0.213	0.0181
180 minute summer	J5	1.005	J6	7.9	1.161	0.208	0.0391
180 minute summer	J6	1.006	J7	8.7	0.865	0.307	0.0198
180 minute summer	J7	1.007	J8	9.5	1.034	0.681	0.0104
180 minute summer	J8	1.008	J9	10.3	1.476	0.340	0.0589
180 minute summer	J9	1.009	J10	11.0	1.046	0.331	0.0128
180 minute summer	J10	1.010	J11	11.8	1.276	0.092	0.0229
180 minute summer	J11	1.011	S2	12.6	0.730	0.196	0.0941

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Results for 100 year +45% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J12	96	186.898	0.089	18.0	0.1001	0.0000	OK
180 minute summer	J13	96	186.859	0.157	18.3	0.1773	0.0000	OK
180 minute summer	J14	96	186.842	0.147	19.1	0.1664	0.0000	OK
180 minute summer	J15	96	186.819	0.131	19.8	0.1480	0.0000	OK
180 minute summer	J16	96	186.777	0.107	20.6	0.1212	0.0000	OK
180 minute summer	J17	96	186.436	0.078	21.3	0.0883	0.0000	OK
180 minute summer	J18	96	186.287	0.093	25.2	0.1052	0.0000	OK
180 minute summer	J19	240	186.283	0.256	26.0	0.2890	0.0000	OK
180 minute summer	J20	240	186.274	0.343	1.2	0.3877	0.0000	SURCHARGED
180 minute summer	J21	240	186.274	0.379	2.1	0.4284	0.0000	SURCHARGED
180 minute summer	J22	240	186.274	0.456	2.9	0.5155	0.0000	SURCHARGED
180 minute summer	J23	240	186.274	0.491	3.3	0.5551	0.0000	SURCHARGED
180 minute summer	J24	240	186.274	0.624	7.6	0.7057	0.0000	SURCHARGED
180 minute summer	J25	192	186.278	0.663	8.4	0.7500	0.0000	SURCHARGED
180 minute summer	J26	204	186.278	0.691	9.2	0.7814	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J12	1.013	J13	18.0	0.812	0.268	0.1424
180 minute summer	J13	1.014	J14	18.3	0.642	0.583	0.0541
180 minute summer	J14	1.015	J15	19.1	0.741	0.611	0.0493
180 minute summer	J15	1.016	J16	19.8	0.931	0.648	0.1091
180 minute summer	J16	1.017	J17	20.6	1.231	0.342	0.0562
180 minute summer	J17	1.018	S3	21.3	1.150	0.147	0.0352
180 minute summer	J18	1.020	J19	25.2	1.947	0.194	0.0347
180 minute summer	J19	1.021	S4	25.9	0.849	0.470	0.2759
180 minute summer	J20	23.002	J21	1.2	0.474	0.211	0.0295
180 minute summer	J21	23.003	J22	2.1	0.554	0.348	0.0627
180 minute summer	J22	23.004	J23	2.9	0.638	0.481	0.0281
180 minute summer	J23	23.005	S18	3.3	0.747	0.561	0.0587
180 minute summer	J24	23.007	J25	7.6	0.624	0.572	0.1088
180 minute summer	J25	23.008	J26	8.4	0.660	0.632	0.0874
180 minute summer	J26	23.009	S19	9.2	0.781	0.690	0.0652

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Results for 100 year +45% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J27	272	186.292	0.831	13.6	0.9396	0.0000	SURCHARGED
180 minute summer	J28	96	186.437	0.081	5.3	0.0919	0.0000	OK
180 minute summer	J29	96	186.369	0.098	6.0	0.1109	0.0000	OK
180 minute summer	J30	96	186.241	0.094	7.6	0.1063	0.0000	OK
180 minute summer	J31	96	186.213	0.094	8.4	0.1058	0.0000	OK
180 minute summer	J32	96	186.156	0.092	9.2	0.1043	0.0000	OK
180 minute summer	J33	96	185.673	0.063	13.0	0.0711	0.0000	OK
180 minute summer	J34	96	185.234	0.108	17.4	0.1227	0.0000	OK
180 minute summer	J35	96	185.149	0.074	18.2	0.0836	0.0000	OK
180 minute summer	J36	96	184.993	0.118	18.9	0.1333	0.0000	OK
180 minute summer	J37	96	184.703	0.128	22.4	0.1448	0.0000	OK
180 minute summer	J38	96	184.548	0.173	24.5	0.1955	0.0000	OK
180 minute summer	J39	96	184.503	0.165	25.3	0.1866	0.0000	OK
180 minute summer	J40	96	184.465	0.140	26.6	0.1586	0.0000	OK
180 minute summer	J41	96	184.635	0.038	1.7	0.0435	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J27	23.011	S4	13.1	0.749	0.440	0.0951
180 minute summer	J28	32.001	J29	5.3	0.726	0.888	0.0644
180 minute summer	J29	32.002	S12	6.0	0.817	1.010	0.0336
180 minute summer	J30	32.004	J31	7.6	0.653	0.570	0.0576
180 minute summer	J31	32.005	J32	8.3	0.729	0.628	0.1116
180 minute summer	J32	32.006	S13	9.1	0.969	0.687	0.0506
180 minute summer	J33	32.008	S14	13.0	1.057	0.366	0.1115
180 minute summer	J34	32.010	J35	17.4	1.153	0.451	0.1365
180 minute summer	J35	32.011	J36	18.1	1.126	0.204	0.1112
180 minute summer	J36	32.012	S15	18.5	1.181	0.616	0.0389
180 minute summer	J37	32.014	S16	22.4	1.231	0.735	0.0944
180 minute summer	J38	32.016	J39	24.5	0.766	0.811	0.3459
180 minute summer	J39	32.017	J40	25.2	0.881	0.820	0.1046
180 minute summer	J40	32.018	S10	26.6	1.086	0.618	0.2345
180 minute summer	J41	48.002	J42	1.7	0.549	0.288	0.0193

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Results for 100 year +45% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J42	96	184.582	0.045	2.5	0.0514	0.0000	OK
180 minute summer	J43	96	184.437	0.077	4.8	0.0869	0.0000	OK
180 minute summer	J44	96	184.424	0.074	5.6	0.0841	0.0000	OK
180 minute summer	J45	96	184.408	0.108	6.4	0.1219	0.0000	OK
180 minute summer	J46	96	184.384	0.111	9.3	0.1261	0.0000	OK
180 minute summer	J47	96	184.357	0.109	10.1	0.1231	0.0000	OK
180 minute summer	J48	96	184.285	0.131	12.6	0.1477	0.0000	OK
180 minute summer	J49	100	184.272	0.143	13.3	0.1619	0.0000	OK
180 minute summer	J50	100	184.263	0.138	14.1	0.1561	0.0000	OK
180 minute summer	J51	100	184.249	0.141	14.9	0.1595	0.0000	OK
180 minute summer	J52	100	184.236	0.132	15.7	0.1489	0.0000	OK
180 minute summer	J53	252	184.227	0.140	16.5	0.1581	0.0000	OK
180 minute summer	J54	96	185.028	0.049	2.3	0.0552	0.0000	OK
180 minute summer	J55	96	184.999	0.055	3.1	0.0618	0.0000	OK
180 minute summer	J56	236	184.227	0.260	26.4	0.2936	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J42	48.003	S21	2.5	0.563	0.425	0.0363
180 minute summer	J43	48.005	J44	4.8	0.544	0.342	0.0143
180 minute summer	J44	48.006	J45	5.6	0.508	0.417	0.0977
180 minute summer	J45	48.007	S22	6.4	0.482	0.469	0.0332
180 minute summer	J46	48.009	J47	9.3	0.671	0.697	0.0584
180 minute summer	J47	48.010	S23	10.1	0.800	0.756	0.0332
180 minute summer	J48	48.012	J49	12.5	0.496	0.419	0.1881
180 minute summer	J49	48.013	J50	13.3	0.511	0.434	0.0296
180 minute summer	J50	48.014	J51	14.1	0.546	0.471	0.1312
180 minute summer	J51	48.015	J52	14.9	0.592	0.485	0.0286
180 minute summer	J52	48.016	J53	15.7	0.676	0.515	0.1171
180 minute summer	J53	48.017	S24	16.5	0.810	0.547	0.3026
180 minute summer	J54	65.002	J55	2.3	0.571	0.395	0.0149
180 minute summer	J55	65.003	S24	3.1	0.739	0.530	0.0332
180 minute summer	J56	48.019	J57	26.4	0.663	0.486	0.6064

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Results for 100 year +45% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 99.81%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	J57	248	184.227	0.282	27.1	0.3191	0.0000	OK
180 minute summer	BASIN 1	220	186.269	1.269	38.9	176.6595	0.0000	SURCHARGED
180 minute summer	BASIN 2	420	184.592	0.292	1.6	27.3523	0.0000	OK
180 minute summer	BASIN 3	260	183.277	0.177	30.6	124.1849	0.0000	OK
180 minute summer	BASIN 4	256	184.226	0.896	27.0	132.6105	0.0000	SURCHARGED
180 minute summer	SWALE 1	220	184.967	0.035	1.6	0.0400	0.0000	OK
180 minute summer	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
180 minute summer	SWALE 3	96	184.214	0.143	30.8	0.1622	0.0000	OK
180 minute summer	BH1	420	184.592	0.515	0.9	2.2951	0.0000	OK
180 minute summer	BH2	252	183.278	0.226	2.9	2.7268	0.0000	OK
180 minute summer	BH3	248	184.226	0.920	2.9	5.8994	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	J57	48.020	S25	27.1	0.732	0.502	0.5505
180 minute summer	BASIN 1	1.023	S5	2.2	0.232	0.042	0.6013
180 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
180 minute summer	BASIN 2	71.000	BH1	0.9	0.462	0.161	0.1829
180 minute summer	BASIN 3	1.034	BH2	2.9	0.355	0.034	1.6251
180 minute summer	BASIN 4	48.022	BH3	2.9	0.581	0.054	0.7181
180 minute summer	SWALE 1	1.025	S6	1.6	0.338	0.030	0.1763
180 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
180 minute summer	SWALE 3	1.033	BASIN 3	30.6	0.961	0.442	1.3774
180 minute summer	BH1	Infiltration		0.1			
180 minute summer	BH2	Infiltration		0.2			
180 minute summer	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S1	92	188.398	0.028	1.5	0.0380	0.0000	OK
180 minute winter	S2	100	187.159	0.120	15.3	0.1768	0.0000	OK
180 minute winter	S3	232	186.384	0.172	22.2	0.2234	0.0000	OK
180 minute winter	S4	228	186.384	1.006	35.3	1.1948	0.0000	SURCHARGED
180 minute winter	S5	232	186.382	1.402	1.7	1.5854	0.0000	SURCHARGED
180 minute winter	S6	232	184.881	0.036	1.6	0.0412	0.0000	OK
180 minute winter	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
180 minute winter	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
180 minute winter	S9	96	184.279	0.079	0.1	0.0898	0.0000	OK
180 minute winter	S10	96	184.279	0.095	26.4	0.1456	0.0000	OK
180 minute winter	S11	96	186.462	0.062	3.5	0.1011	0.0000	OK
180 minute winter	S12	96	186.256	0.080	5.8	0.0904	0.0000	OK
180 minute winter	S13	96	186.096	0.062	10.6	0.0887	0.0000	OK
180 minute winter	S14	96	185.370	0.120	14.6	0.1877	0.0000	OK
180 minute winter	S15	96	184.936	0.069	19.1	0.0964	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	S1	1.000	J1	1.5	0.520	0.172	0.0240
180 minute winter	S2	1.012	J12	15.3	0.786	0.514	0.0292
180 minute winter	S3	1.019	J18	22.2	1.173	0.726	0.1741
180 minute winter	S4	1.022	BASIN 1	34.7	1.635	0.207	1.1778
180 minute winter	S5	1.024	SWALE 1	1.6	0.343	0.031	0.0977
180 minute winter	S6	1.026	BASIN 2	1.6	0.393	0.030	0.0242
180 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
180 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0894
180 minute winter	S9	1.031	S10	-0.1	-0.069	-0.002	0.1141
180 minute winter	S10	1.032	SWALE 3	26.3	1.083	0.146	0.1064
180 minute winter	S11	32.000	J28	3.5	0.661	0.589	0.0241
180 minute winter	S12	32.003	J30	5.8	0.583	0.435	0.0507
180 minute winter	S13	32.007	J33	10.6	1.597	0.328	0.0862
180 minute winter	S14	32.009	J34	14.6	1.031	0.841	0.0739
180 minute winter	S15	32.013	J37	18.6	1.195	0.201	0.1460

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Results for 100 year +45% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	S16	96	184.629	0.072	20.4	0.0912	0.0000	OK
180 minute winter	S17	228	186.384	0.384	0.5	0.4344	0.0000	SURCHARGED
180 minute winter	S18	232	186.384	0.722	6.0	1.0208	0.0000	SURCHARGED
180 minute winter	S19	232	186.384	0.893	11.2	1.2227	0.0000	SURCHARGED
180 minute winter	S20	100	184.678	0.036	1.5	0.0444	0.0000	OK
180 minute winter	S21	96	184.521	0.062	3.7	0.0736	0.0000	OK
180 minute winter	S22	100	184.394	0.108	8.0	0.1323	0.0000	OK
180 minute winter	S23	248	184.320	0.161	11.0	0.1908	0.0000	OK
180 minute winter	S24	248	184.317	0.340	23.9	0.4940	0.0000	SURCHARGED
180 minute winter	S25	248	184.320	0.394	25.1	0.4459	0.0000	SURCHARGED
180 minute winter	S26	96	185.405	0.027	1.4	0.0332	0.0000	OK
180 minute winter	FC1	120	188.924	0.674	1.4	1.5378	0.0000	SURCHARGED
180 minute winter	FC2	120	188.822	0.672	1.4	1.5492	0.0000	SURCHARGED
180 minute winter	FC3	128	188.936	0.736	2.2	3.8685	0.0000	FLOOD RISK
180 minute winter	FC4	112	188.834	0.634	1.1	0.9723	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	S16	32.015	J38	20.4	1.016	0.139	0.0464
180 minute winter	S17	23.001	J20	0.5	0.295	0.080	0.0560
180 minute winter	S18	23.006	J24	6.0	0.559	0.438	0.0323
180 minute winter	S19	23.010	J27	10.8	0.608	0.361	0.3541
180 minute winter	S20	48.001	J41	1.5	0.596	0.255	0.0118
180 minute winter	S21	48.004	J43	3.7	0.760	0.625	0.0248
180 minute winter	S22	48.008	J46	8.0	0.592	0.593	0.0328
180 minute winter	S23	48.011	J48	11.0	0.475	0.358	0.0342
180 minute winter	S24	48.018	J56	23.9	0.611	0.447	0.2989
180 minute winter	S25	48.021	BASIN 4	25.1	0.841	0.455	0.2248
180 minute winter	S26	65.001	J54	1.4	0.796	0.156	0.0146
180 minute winter	FC1	2.000	J1	0.8	0.481	0.132	0.0131
180 minute winter	FC2	3.000	J2	0.8	0.307	0.141	0.0204
180 minute winter	FC3	4.000	J3	0.9	0.558	0.134	0.0143
180 minute winter	FC4	5.000	J4	0.8	0.616	0.104	0.0094

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Results for 100 year +45% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC5	120	188.668	0.668	1.4	1.5461	0.0000	SURCHARGED
180 minute winter	FC6	112	188.486	0.636	1.1	0.9693	0.0000	SURCHARGED
180 minute winter	FC7	112	188.386	0.636	1.1	0.9721	0.0000	SURCHARGED
180 minute winter	FC8	120	188.420	0.670	1.4	1.5317	0.0000	SURCHARGED
180 minute winter	FC9	112	188.107	0.637	1.1	0.9760	0.0000	SURCHARGED
180 minute winter	FC10	128	188.193	0.723	1.9	3.0741	0.0000	FLOOD RISK
180 minute winter	FC11	116	187.975	0.655	1.3	1.2607	0.0000	SURCHARGED
180 minute winter	FC12	116	187.885	0.655	1.3	1.2604	0.0000	SURCHARGED
180 minute winter	FC13	120	187.675	0.675	1.4	1.5396	0.0000	SURCHARGED
180 minute winter	FC14	132	187.157	0.257	1.4	3.2881	0.0000	SURCHARGED
180 minute winter	FC15	112	187.836	0.636	1.1	0.9609	0.0000	SURCHARGED
180 minute winter	FC16	112	187.537	0.637	1.1	0.9741	0.0000	SURCHARGED
180 minute winter	FC17	112	187.636	0.636	1.1	0.9643	0.0000	SURCHARGED
180 minute winter	FC18	112	187.188	0.638	1.1	0.9757	0.0000	SURCHARGED
180 minute winter	FC19	120	187.075	0.675	1.4	1.5396	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC5	6.000	J5	0.8	0.515	0.137	0.0065
180 minute winter	FC6	7.000	J6	0.8	0.678	0.091	0.0087
180 minute winter	FC7	8.000	J7	0.8	0.560	0.112	0.0136
180 minute winter	FC8	9.000	J8	0.8	0.732	0.084	0.0047
180 minute winter	FC9	10.000	J9	0.8	0.518	0.133	0.0110
180 minute winter	FC10	11.000	J10	0.8	0.569	0.127	0.0093
180 minute winter	FC11	12.000	J11	0.8	0.518	0.136	0.0120
180 minute winter	FC12	13.000	S2	0.8	0.518	0.136	0.0107
180 minute winter	FC13	14.000	J12	0.8	0.521	0.137	0.0107
180 minute winter	FC14	15.000	J13	0.5	0.453	0.083	0.0086
180 minute winter	FC15	16.000	J14	0.8	1.103	0.046	0.0034
180 minute winter	FC16	17.000	J15	0.8	0.551	0.122	0.0109
180 minute winter	FC17	18.000	J16	0.8	0.875	0.063	0.0044
180 minute winter	FC18	19.000	J17	0.8	0.516	0.134	0.0107
180 minute winter	FC19	20.000	S3	0.8	0.519	0.138	0.0127

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Results for 100 year +45% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC20	120	187.618	0.668	1.4	1.5237	0.0000	SURCHARGED
180 minute winter	FC21	120	186.971	0.671	1.4	1.5430	0.0000	SURCHARGED
180 minute winter	FC22	124	186.683	0.233	1.1	2.2644	0.0000	SURCHARGED
180 minute winter	FC23	112	186.937	0.637	1.1	0.9752	0.0000	SURCHARGED
180 minute winter	FC24	120	186.971	0.671	1.4	1.5371	0.0000	SURCHARGED
180 minute winter	FC25	120	187.219	0.669	1.4	1.5232	0.0000	SURCHARGED
180 minute winter	FC26	124	186.677	0.227	1.1	2.2960	0.0000	SURCHARGED
180 minute winter	FC27	112	187.135	0.635	1.1	0.9610	0.0000	SURCHARGED
180 minute winter	FC28	120	187.168	0.668	1.4	1.5244	0.0000	SURCHARGED
180 minute winter	FC29	120	187.189	0.689	1.5	1.9472	0.0000	SURCHARGED
180 minute winter	FC30	120	187.418	0.668	1.4	1.5254	0.0000	SURCHARGED
180 minute winter	FC31	112	187.086	0.636	1.1	0.9684	0.0000	SURCHARGED
180 minute winter	FC32	112	187.086	0.636	1.1	0.9638	0.0000	SURCHARGED
180 minute winter	FC33	120	187.122	0.672	1.4	1.5222	0.0000	SURCHARGED
180 minute winter	FC34	120	187.123	0.673	1.4	1.5403	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC20	21.000	J18	0.8	1.048	0.051	0.0034
180 minute winter	FC21	22.000	J19	0.8	0.520	0.138	0.0566
180 minute winter	FC22	23.000	S17	0.5	0.641	0.025	0.0198
180 minute winter	FC23	24.000	J20	0.8	0.536	0.125	0.0340
180 minute winter	FC24	25.000	J21	0.8	0.607	0.109	0.0344
180 minute winter	FC25	26.000	J22	0.8	1.041	0.052	0.0198
180 minute winter	FC26	27.000	J23	0.5	0.782	0.035	0.0193
180 minute winter	FC27	28.000	J24	0.8	1.138	0.044	0.0187
180 minute winter	FC28	29.000	J25	0.8	1.046	0.051	0.0183
180 minute winter	FC29	30.000	J26	0.8	1.022	0.054	0.0203
180 minute winter	FC30	31.000	J27	0.8	0.976	0.056	0.0037
180 minute winter	FC31	33.000	J28	0.8	0.390	0.088	0.0141
180 minute winter	FC32	34.000	J29	0.8	0.323	0.063	0.0155
180 minute winter	FC33	35.000	S12	0.8	0.959	0.058	0.0057
180 minute winter	FC34	36.000	J30	0.8	0.533	0.132	0.0073

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Results for 100 year +45% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC35	120	187.118	0.668	1.4	1.5249	0.0000	SURCHARGED
180 minute winter	FC36	120	187.134	0.684	1.5	1.9503	0.0000	SURCHARGED
180 minute winter	FC37	124	186.515	0.715	1.8	2.6570	0.0000	FLOOD RISK
180 minute winter	FC38	128	185.651	0.201	1.1	2.4207	0.0000	SURCHARGED
180 minute winter	FC39	112	186.083	0.633	1.1	0.9638	0.0000	SURCHARGED
180 minute winter	FC40	120	186.128	0.627	1.4	1.5760	0.0000	SURCHARGED
180 minute winter	FC41	120	185.515	0.665	1.4	1.5338	0.0000	SURCHARGED
180 minute winter	FC42	120	185.266	0.666	1.4	1.5373	0.0000	SURCHARGED
180 minute winter	FC43	120	185.232	0.632	1.4	1.5594	0.0000	SURCHARGED
180 minute winter	FC44	92	184.622	0.022	1.1	0.0285	0.0000	OK
180 minute winter	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
180 minute winter	FC46	128	185.423	0.723	1.9	3.0763	0.0000	FLOOD RISK
180 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
180 minute winter	FC48	120	185.470	0.670	1.4	1.5242	0.0000	SURCHARGED
180 minute winter	FC49	120	185.471	0.671	1.4	1.5433	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC35	37.000	J31	0.8	0.962	0.057	0.0086
180 minute winter	FC36	38.000	J32	0.8	1.035	0.052	0.0083
180 minute winter	FC37	39.000	J33	0.8	0.699	0.095	0.0079
180 minute winter	FC38	40.000	J34	0.4	0.737	0.035	0.0028
180 minute winter	FC39	41.000	J35	0.8	0.966	0.055	0.0036
180 minute winter	FC40	42.000	J36	0.8	1.181	0.041	0.0034
180 minute winter	FC41	43.000	J37	0.8	0.776	0.077	0.0053
180 minute winter	FC42	44.000	J38	0.8	0.675	0.094	0.0078
180 minute winter	FC43	45.000	J39	0.8	0.784	0.073	0.0054
180 minute winter	FC44	46.000	J40	1.1	0.885	0.098	0.0055
180 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
180 minute winter	FC46	48.000	S20	0.8	0.505	0.142	0.0123
180 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0067
180 minute winter	FC48	50.000	J42	0.8	0.538	0.058	0.0103
180 minute winter	FC49	51.000	S21	0.8	0.515	0.137	0.0069

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Results for 100 year +45% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC50	120	185.472	0.672	1.4	1.5426	0.0000	SURCHARGED
180 minute winter	FC51	120	185.516	0.666	1.4	1.5469	0.0000	SURCHARGED
180 minute winter	FC52	124	185.946	0.696	1.7	2.3204	0.0000	SURCHARGED
180 minute winter	FC53	120	185.920	0.670	1.4	1.5331	0.0000	SURCHARGED
180 minute winter	FC54	112	185.886	0.635	1.1	0.9668	0.0000	SURCHARGED
180 minute winter	FC55	112	185.884	0.634	1.1	0.9631	0.0000	SURCHARGED
180 minute winter	FC56	120	186.018	0.668	1.4	1.5246	0.0000	SURCHARGED
180 minute winter	FC57	120	186.020	0.670	1.4	1.5246	0.0000	SURCHARGED
180 minute winter	FC58	112	185.985	0.635	1.1	0.9639	0.0000	SURCHARGED
180 minute winter	FC59	112	185.986	0.636	1.1	0.9648	0.0000	SURCHARGED
180 minute winter	FC60	120	186.020	0.670	1.4	1.5272	0.0000	SURCHARGED
180 minute winter	FC61	120	185.971	0.671	1.4	1.5333	0.0000	SURCHARGED
180 minute winter	FC62	128	185.983	0.733	2.1	3.4878	0.0000	FLOOD RISK
180 minute winter	FC63	112	186.037	0.637	1.1	0.9778	0.0000	SURCHARGED
180 minute winter	FC64	116	185.807	0.807	1.4	1.4110	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC50	52.000	J43	0.8	0.516	0.137	0.0074
180 minute winter	FC51	55.000	S22	0.8	0.518	0.137	0.0096
180 minute winter	FC52	58.000	S23	0.8	0.761	0.082	0.0060
180 minute winter	FC53	61.000	J50	0.8	0.710	0.088	0.0049
180 minute winter	FC54	62.000	J51	0.8	0.781	0.074	0.0040
180 minute winter	FC55	64.000	J53	0.8	0.988	0.053	0.0033
180 minute winter	FC56	53.000	J44	0.8	1.029	0.053	0.0052
180 minute winter	FC57	54.000	J45	0.8	0.965	0.058	0.0055
180 minute winter	FC58	56.000	J46	0.8	0.920	0.059	0.0054
180 minute winter	FC59	57.000	J47	0.8	0.853	0.066	0.0060
180 minute winter	FC60	59.000	J48	0.8	0.850	0.069	0.0063
180 minute winter	FC61	60.000	J49	0.8	0.682	0.094	0.0088
180 minute winter	FC62	63.000	J52	0.9	0.636	0.111	0.0126
180 minute winter	FC63	65.000	S26	0.8	0.519	0.134	0.0041
180 minute winter	FC64	66.000	J54	0.9	0.373	0.151	0.0061

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Results for 100 year +45% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	FC65	120	185.822	0.672	1.4	1.5180	0.0000	SURCHARGED
180 minute winter	FC66	120	185.673	0.673	1.4	1.5379	0.0000	SURCHARGED
180 minute winter	FC67	124	185.026	0.226	1.1	2.3346	0.0000	SURCHARGED
180 minute winter	FC68	112	185.186	0.636	1.1	0.9701	0.0000	SURCHARGED
180 minute winter	J1	100	188.251	0.051	3.8	0.0692	0.0000	OK
180 minute winter	J2	100	188.184	0.078	4.6	0.0886	0.0000	OK
180 minute winter	J3	100	188.113	0.067	5.4	0.0758	0.0000	OK
180 minute winter	J4	100	188.084	0.049	6.2	0.0553	0.0000	OK
180 minute winter	J5	100	187.954	0.043	7.0	0.0492	0.0000	OK
180 minute winter	J6	100	187.721	0.071	7.8	0.0806	0.0000	OK
180 minute winter	J7	100	187.685	0.085	8.6	0.0961	0.0000	OK
180 minute winter	J8	100	187.655	0.061	9.4	0.0695	0.0000	OK
180 minute winter	J9	100	187.359	0.084	10.1	0.0953	0.0000	OK
180 minute winter	J10	100	187.320	0.050	11.0	0.0563	0.0000	OK
180 minute winter	J11	104	187.194	0.073	11.7	0.0824	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	FC65	67.000	J55	0.8	0.503	0.044	0.0054
180 minute winter	FC66	68.000	S24	0.8	0.578	0.113	0.0030
180 minute winter	FC67	69.000	J56	0.5	0.431	0.078	0.0022
180 minute winter	FC68	70.000	J57	0.8	0.674	0.088	0.0027
180 minute winter	J1	1.001	J2	3.8	0.710	0.458	0.0267
180 minute winter	J2	1.002	J3	4.6	0.759	0.776	0.0063
180 minute winter	J3	1.003	J4	5.4	0.864	0.408	0.0123
180 minute winter	J4	1.004	J5	6.2	1.347	0.185	0.0163
180 minute winter	J5	1.005	J6	7.0	1.133	0.183	0.0354
180 minute winter	J6	1.006	J7	7.8	0.839	0.274	0.0182
180 minute winter	J7	1.007	J8	8.6	1.003	0.614	0.0096
180 minute winter	J8	1.008	J9	9.4	1.443	0.310	0.0549
180 minute winter	J9	1.009	J10	10.1	1.025	0.304	0.0120
180 minute winter	J10	1.010	J11	11.0	1.254	0.085	0.0215
180 minute winter	J11	1.011	S2	11.7	0.726	0.183	0.0877

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Results for 100 year +45% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J12	100	186.891	0.082	16.1	0.0930	0.0000	OK
180 minute winter	J13	100	186.850	0.148	16.6	0.1669	0.0000	OK
180 minute winter	J14	100	186.834	0.139	17.3	0.1571	0.0000	OK
180 minute winter	J15	100	186.812	0.124	18.1	0.1401	0.0000	OK
180 minute winter	J16	100	186.772	0.102	18.9	0.1152	0.0000	OK
180 minute winter	J17	100	186.431	0.073	19.7	0.0830	0.0000	OK
180 minute winter	J18	228	186.383	0.189	23.0	0.2138	0.0000	OK
180 minute winter	J19	228	186.383	0.356	24.5	0.4028	0.0000	SURCHARGED
180 minute winter	J20	228	186.384	0.453	1.3	0.5122	0.0000	SURCHARGED
180 minute winter	J21	228	186.384	0.489	2.1	0.5526	0.0000	SURCHARGED
180 minute winter	J22	232	186.384	0.566	2.9	0.6407	0.0000	SURCHARGED
180 minute winter	J23	232	186.385	0.602	3.3	0.6804	0.0000	SURCHARGED
180 minute winter	J24	232	186.383	0.733	6.8	0.8295	0.0000	SURCHARGED
180 minute winter	J25	232	186.383	0.768	7.6	0.8688	0.0000	SURCHARGED
180 minute winter	J26	224	186.385	0.797	8.3	0.9020	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J12	1.013	J13	16.1	0.793	0.241	0.1317
180 minute winter	J13	1.014	J14	16.6	0.621	0.528	0.0505
180 minute winter	J14	1.015	J15	17.3	0.721	0.556	0.0461
180 minute winter	J15	1.016	J16	18.1	0.910	0.593	0.1021
180 minute winter	J16	1.017	J17	18.9	1.206	0.314	0.0527
180 minute winter	J17	1.018	S3	19.7	1.141	0.135	0.0330
180 minute winter	J18	1.020	J19	23.9	1.951	0.184	0.0561
180 minute winter	J19	1.021	S4	23.8	0.827	0.432	0.3096
180 minute winter	J20	23.002	J21	1.2	0.475	0.212	0.0295
180 minute winter	J21	23.003	J22	2.1	0.551	0.348	0.0627
180 minute winter	J22	23.004	J23	2.8	0.660	0.477	0.0281
180 minute winter	J23	23.005	S18	3.3	0.744	0.566	0.0587
180 minute winter	J24	23.007	J25	6.8	0.608	0.508	0.1088
180 minute winter	J25	23.008	J26	7.5	0.641	0.568	0.0874
180 minute winter	J26	23.009	S19	8.3	0.758	0.627	0.0652

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Results for 100 year +45% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J27	228	186.384	0.923	12.7	1.0437	0.0000	SURCHARGED
180 minute winter	J28	96	186.423	0.067	4.3	0.0754	0.0000	OK
180 minute winter	J29	96	186.350	0.079	5.0	0.0889	0.0000	OK
180 minute winter	J30	96	186.233	0.086	6.6	0.0969	0.0000	OK
180 minute winter	J31	96	186.205	0.086	7.4	0.0975	0.0000	OK
180 minute winter	J32	96	186.150	0.086	8.2	0.0974	0.0000	OK
180 minute winter	J33	96	185.668	0.058	11.4	0.0660	0.0000	OK
180 minute winter	J34	96	185.225	0.100	14.9	0.1128	0.0000	OK
180 minute winter	J35	96	185.143	0.067	15.7	0.0763	0.0000	OK
180 minute winter	J36	96	184.986	0.110	16.5	0.1249	0.0000	OK
180 minute winter	J37	96	184.693	0.118	19.4	0.1329	0.0000	OK
180 minute winter	J38	96	184.530	0.155	21.2	0.1756	0.0000	OK
180 minute winter	J39	100	184.488	0.150	22.0	0.1696	0.0000	OK
180 minute winter	J40	100	184.453	0.128	23.1	0.1445	0.0000	OK
180 minute winter	J41	100	184.633	0.036	1.5	0.0405	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J27	23.011	S4	12.6	0.717	0.421	0.0951
180 minute winter	J28	32.001	J29	4.3	0.702	0.720	0.0536
180 minute winter	J29	32.002	S12	5.0	0.803	0.847	0.0291
180 minute winter	J30	32.004	J31	6.6	0.633	0.498	0.0519
180 minute winter	J31	32.005	J32	7.4	0.706	0.556	0.1019
180 minute winter	J32	32.006	S13	8.2	0.946	0.616	0.0460
180 minute winter	J33	32.008	S14	11.4	1.053	0.320	0.0971
180 minute winter	J34	32.010	J35	14.9	1.113	0.387	0.1216
180 minute winter	J35	32.011	J36	15.7	1.076	0.176	0.1009
180 minute winter	J36	32.012	S15	17.1	1.162	0.570	0.0352
180 minute winter	J37	32.014	S16	19.3	1.217	0.635	0.0828
180 minute winter	J38	32.016	J39	21.2	0.740	0.702	0.3100
180 minute winter	J39	32.017	J40	22.0	0.855	0.713	0.0939
180 minute winter	J40	32.018	S10	23.1	1.052	0.536	0.2101
180 minute winter	J41	48.002	J42	1.5	0.525	0.256	0.0180

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Results for 100 year +45% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J42	100	184.581	0.044	2.3	0.0493	0.0000	OK
180 minute winter	J43	96	184.433	0.073	4.5	0.0829	0.0000	OK
180 minute winter	J44	96	184.421	0.071	5.3	0.0800	0.0000	OK
180 minute winter	J45	96	184.402	0.102	6.1	0.1155	0.0000	OK
180 minute winter	J46	100	184.379	0.106	8.7	0.1204	0.0000	OK
180 minute winter	J47	100	184.353	0.105	9.5	0.1187	0.0000	OK
180 minute winter	J48	268	184.316	0.162	11.8	0.1835	0.0000	OK
180 minute winter	J49	240	184.318	0.189	12.6	0.2134	0.0000	OK
180 minute winter	J50	248	184.320	0.195	13.4	0.2203	0.0000	OK
180 minute winter	J51	244	184.319	0.210	14.2	0.2381	0.0000	OK
180 minute winter	J52	272	184.319	0.215	15.0	0.2429	0.0000	OK
180 minute winter	J53	248	184.318	0.231	15.8	0.2616	0.0000	SURCHARGED
180 minute winter	J54	96	185.026	0.047	2.2	0.0537	0.0000	OK
180 minute winter	J55	96	184.998	0.054	3.0	0.0605	0.0000	OK
180 minute winter	J56	280	184.347	0.380	24.3	0.4297	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J42	48.003	S21	2.3	0.558	0.393	0.0342
180 minute winter	J43	48.005	J44	4.5	0.538	0.321	0.0134
180 minute winter	J44	48.006	J45	5.3	0.508	0.396	0.0919
180 minute winter	J45	48.007	S22	6.1	0.483	0.448	0.0314
180 minute winter	J46	48.009	J47	8.7	0.659	0.654	0.0559
180 minute winter	J47	48.010	S23	9.5	0.785	0.714	0.0320
180 minute winter	J48	48.012	J49	11.8	0.488	0.396	0.2465
180 minute winter	J49	48.013	J50	12.6	0.502	0.412	0.0407
180 minute winter	J50	48.014	J51	13.4	0.537	0.450	0.1904
180 minute winter	J51	48.015	J52	14.2	0.584	0.464	0.0440
180 minute winter	J52	48.016	J53	15.0	0.668	0.493	0.1925
180 minute winter	J53	48.017	S24	15.8	0.801	0.525	0.4079
180 minute winter	J54	65.002	J55	2.2	0.563	0.377	0.0144
180 minute winter	J55	65.003	S24	3.0	0.734	0.513	0.0324
180 minute winter	J56	48.019	J57	24.3	0.648	0.449	0.6398

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Results for 100 year +45% CC 180 minute winter. 420 minute analysis at 4 minute timestep. Mass balance: 99.85%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute winter	J57	244	184.319	0.374	25.1	0.4228	0.0000	SURCHARGED
180 minute winter	BASIN 1	232	186.382	1.382	34.7	196.2741	0.0000	SURCHARGED
180 minute winter	BASIN 2	420	184.606	0.306	1.6	28.7983	0.0000	OK
180 minute winter	BASIN 3	268	183.298	0.198	26.3	139.4408	0.0000	OK
180 minute winter	BASIN 4	252	184.314	0.984	25.1	147.8156	0.0000	SURCHARGED
180 minute winter	SWALE 1	232	184.968	0.036	1.6	0.0408	0.0000	OK
180 minute winter	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
180 minute winter	SWALE 3	100	184.201	0.131	26.3	0.1483	0.0000	OK
180 minute winter	BH1	420	184.606	0.529	1.0	2.3361	0.0000	OK
180 minute winter	BH2	240	183.299	0.247	3.6	2.8327	0.0000	OK
180 minute winter	BH3	252	184.313	1.007	3.0	6.3061	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute winter	J57	48.020	S25	25.1	0.716	0.465	0.5574
180 minute winter	BASIN 1	1.023	S5	1.7	0.208	0.032	0.6013
180 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
180 minute winter	BASIN 2	71.000	BH1	1.0	0.474	0.172	0.1829
180 minute winter	BASIN 3	1.034	BH2	3.6	0.370	0.043	1.8365
180 minute winter	BASIN 4	48.022	BH3	3.0	0.601	0.056	0.7181
180 minute winter	SWALE 1	1.025	S6	1.6	0.342	0.031	0.1817
180 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
180 minute winter	SWALE 3	1.033	BASIN 3	26.3	0.923	0.380	1.2329
180 minute winter	BH1	Infiltration		0.1			
180 minute winter	BH2	Infiltration		0.2			
180 minute winter	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S1	124	188.400	0.030	1.7	0.0404	0.0000	OK
240 minute summer	S2	128	187.161	0.122	15.7	0.1788	0.0000	OK
240 minute summer	S3	264	186.345	0.133	22.6	0.1728	0.0000	OK
240 minute summer	S4	248	186.343	0.965	35.8	1.1469	0.0000	SURCHARGED
240 minute summer	S5	260	186.342	1.362	1.9	1.5407	0.0000	SURCHARGED
240 minute summer	S6	264	184.880	0.036	1.6	0.0410	0.0000	OK
240 minute summer	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
240 minute summer	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
240 minute summer	S9	128	184.281	0.081	0.1	0.0920	0.0000	OK
240 minute summer	S10	128	184.281	0.097	27.1	0.1485	0.0000	OK
240 minute summer	S11	124	186.465	0.065	3.8	0.1067	0.0000	OK
240 minute summer	S12	128	186.257	0.081	6.0	0.0920	0.0000	OK
240 minute summer	S13	128	186.097	0.063	10.8	0.0897	0.0000	OK
240 minute summer	S14	124	185.373	0.123	15.0	0.1929	0.0000	OK
240 minute summer	S15	124	184.937	0.070	19.9	0.0981	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	S1	1.000	J1	1.7	0.541	0.194	0.0259
240 minute summer	S2	1.012	J12	15.7	0.791	0.524	0.0296
240 minute summer	S3	1.019	J18	22.6	1.178	0.738	0.1346
240 minute summer	S4	1.022	BASIN 1	35.3	1.472	0.211	1.1778
240 minute summer	S5	1.024	SWALE 1	1.6	0.341	0.030	0.0967
240 minute summer	S6	1.026	BASIN 2	1.6	0.391	0.030	0.0240
240 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
240 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0925
240 minute summer	S9	1.031	S10	-0.1	-0.041	-0.002	0.1176
240 minute summer	S10	1.032	SWALE 3	27.1	1.091	0.150	0.1092
240 minute summer	S11	32.000	J28	3.8	0.675	0.636	0.0254
240 minute summer	S12	32.003	J30	6.0	0.587	0.447	0.0518
240 minute summer	S13	32.007	J33	10.8	1.605	0.335	0.0874
240 minute summer	S14	32.009	J34	15.0	1.033	0.863	0.0757
240 minute summer	S15	32.013	J37	19.0	1.200	0.206	0.1487

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Results for 100 year +45% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S16	128	184.631	0.074	20.9	0.0930	0.0000	OK
240 minute summer	S17	260	186.344	0.344	0.4	0.3892	0.0000	SURCHARGED
240 minute summer	S18	272	186.344	0.683	6.1	0.9646	0.0000	SURCHARGED
240 minute summer	S19	272	186.344	0.852	11.5	1.1679	0.0000	SURCHARGED
240 minute summer	S20	124	184.679	0.037	1.6	0.0456	0.0000	OK
240 minute summer	S21	128	184.521	0.062	3.7	0.0740	0.0000	OK
240 minute summer	S22	128	184.395	0.109	8.0	0.1330	0.0000	OK
240 minute summer	S23	272	184.297	0.139	11.0	0.1638	0.0000	OK
240 minute summer	S24	284	184.293	0.316	24.1	0.4583	0.0000	SURCHARGED
240 minute summer	S25	272	184.298	0.372	25.3	0.4204	0.0000	SURCHARGED
240 minute summer	S26	128	185.404	0.027	1.4	0.0331	0.0000	OK
240 minute summer	FC1	144	188.910	0.660	1.5	1.3515	0.0000	SURCHARGED
240 minute summer	FC2	144	188.808	0.658	1.5	1.3614	0.0000	SURCHARGED
240 minute summer	FC3	152	188.913	0.713	2.5	3.2900	0.0000	FLOOD RISK
240 minute summer	FC4	140	188.826	0.626	1.2	0.8722	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	S16	32.015	J38	20.9	1.019	0.142	0.0474
240 minute summer	S17	23.001	J20	0.4	0.294	0.075	0.0560
240 minute summer	S18	23.006	J24	6.1	0.566	0.446	0.0323
240 minute summer	S19	23.010	J27	11.1	0.611	0.369	0.3541
240 minute summer	S20	48.001	J41	1.6	0.603	0.267	0.0122
240 minute summer	S21	48.004	J43	3.7	0.761	0.631	0.0250
240 minute summer	S22	48.008	J46	8.0	0.596	0.598	0.0330
240 minute summer	S23	48.011	J48	11.0	0.478	0.358	0.0290
240 minute summer	S24	48.018	J56	24.1	0.613	0.451	0.2989
240 minute summer	S25	48.021	BASIN 4	25.3	0.843	0.458	0.2248
240 minute summer	S26	65.001	J54	1.4	0.794	0.155	0.0145
240 minute summer	FC1	2.000	J1	0.8	0.476	0.130	0.0138
240 minute summer	FC2	3.000	J2	0.8	0.304	0.139	0.0222
240 minute summer	FC3	4.000	J3	0.8	0.555	0.132	0.0141
240 minute summer	FC4	5.000	J4	0.8	0.615	0.104	0.0094

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Results for 100 year +45% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC5	144	188.655	0.655	1.5	1.3570	0.0000	SURCHARGED
240 minute summer	FC6	140	188.476	0.626	1.2	0.8699	0.0000	SURCHARGED
240 minute summer	FC7	140	188.377	0.627	1.2	0.8724	0.0000	SURCHARGED
240 minute summer	FC8	144	188.407	0.657	1.5	1.3456	0.0000	SURCHARGED
240 minute summer	FC9	140	188.097	0.627	1.2	0.8757	0.0000	SURCHARGED
240 minute summer	FC10	152	188.170	0.700	2.1	2.5784	0.0000	SURCHARGED
240 minute summer	FC11	140	187.965	0.645	1.4	1.1321	0.0000	SURCHARGED
240 minute summer	FC12	140	187.875	0.645	1.4	1.1320	0.0000	SURCHARGED
240 minute summer	FC13	144	187.660	0.660	1.5	1.3533	0.0000	SURCHARGED
240 minute summer	FC14	156	187.127	0.227	1.5	2.8996	0.0000	SURCHARGED
240 minute summer	FC15	140	187.826	0.626	1.2	0.8629	0.0000	SURCHARGED
240 minute summer	FC16	140	187.527	0.627	1.2	0.8743	0.0000	SURCHARGED
240 minute summer	FC17	140	187.626	0.626	1.2	0.8658	0.0000	SURCHARGED
240 minute summer	FC18	140	187.177	0.627	1.2	0.8758	0.0000	SURCHARGED
240 minute summer	FC19	144	187.061	0.661	1.5	1.3533	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC5	6.000	J5	0.8	0.513	0.135	0.0065
240 minute summer	FC6	7.000	J6	0.8	0.677	0.091	0.0089
240 minute summer	FC7	8.000	J7	0.8	0.557	0.111	0.0138
240 minute summer	FC8	9.000	J8	0.8	0.730	0.083	0.0046
240 minute summer	FC9	10.000	J9	0.8	0.517	0.132	0.0110
240 minute summer	FC10	11.000	J10	0.8	0.566	0.125	0.0092
240 minute summer	FC11	12.000	J11	0.8	0.517	0.135	0.0119
240 minute summer	FC12	13.000	S2	0.8	0.517	0.135	0.0106
240 minute summer	FC13	14.000	J12	0.8	0.520	0.136	0.0106
240 minute summer	FC14	15.000	J13	0.5	0.445	0.078	0.0089
240 minute summer	FC15	16.000	J14	0.8	1.100	0.045	0.0034
240 minute summer	FC16	17.000	J15	0.8	0.550	0.121	0.0109
240 minute summer	FC17	18.000	J16	0.8	0.873	0.063	0.0044
240 minute summer	FC18	19.000	J17	0.8	0.514	0.133	0.0107
240 minute summer	FC19	20.000	S3	0.8	0.517	0.137	0.0103

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Results for 100 year +45% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC20	144	187.606	0.655	1.5	1.3390	0.0000	SURCHARGED
240 minute summer	FC21	144	186.957	0.657	1.5	1.3551	0.0000	SURCHARGED
240 minute summer	FC22	152	186.655	0.205	1.2	1.9892	0.0000	SURCHARGED
240 minute summer	FC23	140	186.927	0.627	1.2	0.8751	0.0000	SURCHARGED
240 minute summer	FC24	144	186.958	0.658	1.5	1.3503	0.0000	SURCHARGED
240 minute summer	FC25	144	187.206	0.656	1.5	1.3387	0.0000	SURCHARGED
240 minute summer	FC26	152	186.650	0.200	1.2	2.0182	0.0000	SURCHARGED
240 minute summer	FC27	140	187.125	0.625	1.2	0.8627	0.0000	SURCHARGED
240 minute summer	FC28	144	187.155	0.655	1.5	1.3393	0.0000	SURCHARGED
240 minute summer	FC29	144	187.173	0.673	1.7	1.6881	0.0000	SURCHARGED
240 minute summer	FC30	144	187.405	0.655	1.5	1.3403	0.0000	SURCHARGED
240 minute summer	FC31	140	187.076	0.626	1.2	0.8691	0.0000	SURCHARGED
240 minute summer	FC32	140	187.076	0.626	1.2	0.8653	0.0000	SURCHARGED
240 minute summer	FC33	144	187.108	0.658	1.5	1.3385	0.0000	SURCHARGED
240 minute summer	FC34	144	187.109	0.659	1.5	1.3534	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC20	21.000	J18	0.8	1.046	0.050	0.0033
240 minute summer	FC21	22.000	J19	0.8	0.518	0.136	0.0422
240 minute summer	FC22	23.000	S17	0.4	0.628	0.024	0.0197
240 minute summer	FC23	24.000	J20	0.8	0.535	0.124	0.0251
240 minute summer	FC24	25.000	J21	0.8	0.605	0.108	0.0258
240 minute summer	FC25	26.000	J22	0.8	1.038	0.051	0.0189
240 minute summer	FC26	27.000	J23	0.4	0.766	0.033	0.0190
240 minute summer	FC27	28.000	J24	0.8	1.136	0.043	0.0184
240 minute summer	FC28	29.000	J25	0.8	1.043	0.050	0.0177
240 minute summer	FC29	30.000	J26	0.8	1.019	0.053	0.0195
240 minute summer	FC30	31.000	J27	0.8	0.973	0.056	0.0037
240 minute summer	FC31	33.000	J28	0.8	0.378	0.087	0.0145
240 minute summer	FC32	34.000	J29	0.8	0.315	0.062	0.0159
240 minute summer	FC33	35.000	S12	0.8	0.956	0.057	0.0060
240 minute summer	FC34	36.000	J30	0.8	0.531	0.130	0.0072

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Results for 100 year +45% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC35	144	187.105	0.655	1.5	1.3399	0.0000	SURCHARGED
240 minute summer	FC36	144	187.119	0.669	1.7	1.6897	0.0000	SURCHARGED
240 minute summer	FC37	148	186.495	0.695	2.0	2.2904	0.0000	SURCHARGED
240 minute summer	FC38	152	185.627	0.177	1.2	2.1328	0.0000	SURCHARGED
240 minute summer	FC39	140	186.075	0.625	1.2	0.8648	0.0000	SURCHARGED
240 minute summer	FC40	144	186.113	0.613	1.5	1.3761	0.0000	SURCHARGED
240 minute summer	FC41	144	185.503	0.653	1.5	1.3464	0.0000	SURCHARGED
240 minute summer	FC42	144	185.253	0.653	1.5	1.3492	0.0000	SURCHARGED
240 minute summer	FC43	144	185.229	0.629	1.5	1.3598	0.0000	SURCHARGED
240 minute summer	FC44	124	184.623	0.023	1.2	0.0297	0.0000	OK
240 minute summer	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
240 minute summer	FC46	152	185.400	0.700	2.1	2.5803	0.0000	SURCHARGED
240 minute summer	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute summer	FC48	144	185.456	0.656	1.5	1.3395	0.0000	SURCHARGED
240 minute summer	FC49	144	185.458	0.658	1.5	1.3554	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC35	37.000	J31	0.8	0.960	0.057	0.0090
240 minute summer	FC36	38.000	J32	0.8	1.032	0.052	0.0086
240 minute summer	FC37	39.000	J33	0.8	0.696	0.094	0.0078
240 minute summer	FC38	40.000	J34	0.4	0.722	0.033	0.0027
240 minute summer	FC39	41.000	J35	0.8	0.964	0.054	0.0036
240 minute summer	FC40	42.000	J36	0.8	1.177	0.041	0.0034
240 minute summer	FC41	43.000	J37	0.8	0.774	0.077	0.0052
240 minute summer	FC42	44.000	J38	0.8	0.674	0.093	0.0084
240 minute summer	FC43	45.000	J39	0.8	0.783	0.073	0.0059
240 minute summer	FC44	46.000	J40	1.2	0.904	0.106	0.0058
240 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
240 minute summer	FC46	48.000	S20	0.8	0.488	0.140	0.0125
240 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0069
240 minute summer	FC48	50.000	J42	0.8	0.467	0.058	0.0103
240 minute summer	FC49	51.000	S21	0.8	0.514	0.136	0.0068

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Results for 100 year +45% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC50	144	185.458	0.658	1.5	1.3550	0.0000	SURCHARGED
240 minute summer	FC51	144	185.504	0.654	1.5	1.3572	0.0000	SURCHARGED
240 minute summer	FC52	148	185.927	0.677	1.8	1.9504	0.0000	SURCHARGED
240 minute summer	FC53	144	185.906	0.656	1.5	1.3467	0.0000	SURCHARGED
240 minute summer	FC54	140	185.876	0.626	1.2	0.8677	0.0000	SURCHARGED
240 minute summer	FC55	140	185.875	0.625	1.2	0.8644	0.0000	SURCHARGED
240 minute summer	FC56	144	186.005	0.655	1.5	1.3394	0.0000	SURCHARGED
240 minute summer	FC57	144	186.006	0.656	1.5	1.3399	0.0000	SURCHARGED
240 minute summer	FC58	140	185.976	0.626	1.2	0.8652	0.0000	SURCHARGED
240 minute summer	FC59	140	185.976	0.626	1.2	0.8662	0.0000	SURCHARGED
240 minute summer	FC60	144	186.007	0.657	1.5	1.3421	0.0000	SURCHARGED
240 minute summer	FC61	144	185.957	0.657	1.5	1.3471	0.0000	SURCHARGED
240 minute summer	FC62	152	185.960	0.710	2.3	2.9602	0.0000	FLOOD RISK
240 minute summer	FC63	140	186.027	0.627	1.2	0.8773	0.0000	SURCHARGED
240 minute summer	FC64	140	185.793	0.793	1.5	1.2655	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC50	52.000	J43	0.8	0.515	0.136	0.0073
240 minute summer	FC51	55.000	S22	0.8	0.517	0.135	0.0095
240 minute summer	FC52	58.000	S23	0.8	0.757	0.081	0.0059
240 minute summer	FC53	61.000	J50	0.8	0.708	0.087	0.0049
240 minute summer	FC54	62.000	J51	0.8	0.780	0.073	0.0040
240 minute summer	FC55	64.000	J53	0.8	0.986	0.053	0.0033
240 minute summer	FC56	53.000	J44	0.8	1.026	0.052	0.0052
240 minute summer	FC57	54.000	J45	0.8	0.962	0.057	0.0054
240 minute summer	FC58	56.000	J46	0.8	0.918	0.059	0.0053
240 minute summer	FC59	57.000	J47	0.8	0.851	0.066	0.0059
240 minute summer	FC60	59.000	J48	0.8	0.848	0.068	0.0063
240 minute summer	FC61	60.000	J49	0.8	0.680	0.093	0.0088
240 minute summer	FC62	63.000	J52	0.8	0.633	0.109	0.0124
240 minute summer	FC63	65.000	S26	0.8	0.510	0.133	0.0040
240 minute summer	FC64	66.000	J54	0.9	0.366	0.150	0.0061

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Results for 100 year +45% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	FC65	144	185.808	0.658	1.5	1.3352	0.0000	SURCHARGED
240 minute summer	FC66	144	185.659	0.659	1.5	1.3514	0.0000	SURCHARGED
240 minute summer	FC67	152	184.999	0.199	1.2	2.0545	0.0000	SURCHARGED
240 minute summer	FC68	140	185.176	0.626	1.2	0.8706	0.0000	SURCHARGED
240 minute summer	J1	124	188.254	0.054	4.2	0.0735	0.0000	OK
240 minute summer	J2	124	188.189	0.083	4.9	0.0938	0.0000	OK
240 minute summer	J3	124	188.115	0.069	5.7	0.0778	0.0000	OK
240 minute summer	J4	128	188.085	0.050	6.4	0.0564	0.0000	OK
240 minute summer	J5	128	187.954	0.044	7.2	0.0499	0.0000	OK
240 minute summer	J6	128	187.722	0.072	8.0	0.0818	0.0000	OK
240 minute summer	J7	128	187.686	0.086	8.7	0.0971	0.0000	OK
240 minute summer	J8	128	187.655	0.062	9.5	0.0702	0.0000	OK
240 minute summer	J9	128	187.360	0.085	10.3	0.0960	0.0000	OK
240 minute summer	J10	128	187.320	0.050	11.1	0.0567	0.0000	OK
240 minute summer	J11	128	187.194	0.073	11.9	0.0828	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	FC65	67.000	J55	0.8	0.419	0.043	0.0054
240 minute summer	FC66	68.000	S24	0.8	0.577	0.112	0.0030
240 minute summer	FC67	69.000	J56	0.4	0.422	0.073	0.0021
240 minute summer	FC68	70.000	J57	0.8	0.673	0.087	0.0027
240 minute summer	J1	1.001	J2	4.2	0.727	0.502	0.0283
240 minute summer	J2	1.002	J3	4.9	0.767	0.827	0.0066
240 minute summer	J3	1.003	J4	5.7	0.880	0.429	0.0126
240 minute summer	J4	1.004	J5	6.4	1.360	0.191	0.0167
240 minute summer	J5	1.005	J6	7.2	1.146	0.188	0.0361
240 minute summer	J6	1.006	J7	8.0	0.846	0.280	0.0185
240 minute summer	J7	1.007	J8	8.7	1.009	0.626	0.0098
240 minute summer	J8	1.008	J9	9.5	1.450	0.315	0.0556
240 minute summer	J9	1.009	J10	10.3	1.028	0.308	0.0122
240 minute summer	J10	1.010	J11	11.1	1.258	0.086	0.0217
240 minute summer	J11	1.011	S2	11.9	0.726	0.184	0.0887

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Results for 100 year +45% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J12	128	186.892	0.083	16.5	0.0943	0.0000	OK
240 minute summer	J13	128	186.851	0.149	16.8	0.1684	0.0000	OK
240 minute summer	J14	128	186.835	0.140	17.6	0.1584	0.0000	OK
240 minute summer	J15	128	186.813	0.125	18.4	0.1411	0.0000	OK
240 minute summer	J16	128	186.773	0.103	19.1	0.1160	0.0000	OK
240 minute summer	J17	128	186.432	0.074	19.9	0.0836	0.0000	OK
240 minute summer	J18	276	186.345	0.151	23.4	0.1705	0.0000	OK
240 minute summer	J19	268	186.344	0.317	24.1	0.3583	0.0000	SURCHARGED
240 minute summer	J20	260	186.344	0.413	1.2	0.4668	0.0000	SURCHARGED
240 minute summer	J21	260	186.344	0.448	2.0	0.5073	0.0000	SURCHARGED
240 minute summer	J22	264	186.344	0.526	2.8	0.5946	0.0000	SURCHARGED
240 minute summer	J23	264	186.344	0.561	3.2	0.6345	0.0000	SURCHARGED
240 minute summer	J24	264	186.344	0.694	6.8	0.7844	0.0000	SURCHARGED
240 minute summer	J25	264	186.344	0.729	7.6	0.8240	0.0000	SURCHARGED
240 minute summer	J26	260	186.344	0.757	8.4	0.8558	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J12	1.013	J13	16.5	0.797	0.246	0.1334
240 minute summer	J13	1.014	J14	16.8	0.626	0.537	0.0510
240 minute summer	J14	1.015	J15	17.6	0.725	0.564	0.0465
240 minute summer	J15	1.016	J16	18.4	0.914	0.600	0.1030
240 minute summer	J16	1.017	J17	19.1	1.209	0.317	0.0532
240 minute summer	J17	1.018	S3	19.9	1.142	0.137	0.0331
240 minute summer	J18	1.020	J19	23.4	1.949	0.180	0.0506
240 minute summer	J19	1.021	S4	24.1	0.830	0.438	0.3096
240 minute summer	J20	23.002	J21	1.2	0.471	0.207	0.0295
240 minute summer	J21	23.003	J22	2.0	0.552	0.343	0.0627
240 minute summer	J22	23.004	J23	2.8	0.666	0.471	0.0281
240 minute summer	J23	23.005	S18	3.2	0.742	0.545	0.0587
240 minute summer	J24	23.007	J25	6.8	0.610	0.512	0.1088
240 minute summer	J25	23.008	J26	7.6	0.642	0.569	0.0874
240 minute summer	J26	23.009	S19	8.3	0.757	0.625	0.0652

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Results for 100 year +45% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J27	260	186.347	0.886	11.9	1.0019	0.0000	SURCHARGED
240 minute summer	J28	124	186.425	0.069	4.5	0.0782	0.0000	OK
240 minute summer	J29	128	186.352	0.081	5.2	0.0914	0.0000	OK
240 minute summer	J30	128	186.234	0.087	6.8	0.0986	0.0000	OK
240 minute summer	J31	128	186.207	0.088	7.6	0.0990	0.0000	OK
240 minute summer	J32	128	186.151	0.087	8.4	0.0987	0.0000	OK
240 minute summer	J33	128	185.669	0.059	11.6	0.0667	0.0000	OK
240 minute summer	J34	128	185.226	0.101	15.3	0.1143	0.0000	OK
240 minute summer	J35	128	185.144	0.068	16.1	0.0775	0.0000	OK
240 minute summer	J36	128	184.987	0.112	16.8	0.1263	0.0000	OK
240 minute summer	J37	128	184.694	0.119	19.8	0.1346	0.0000	OK
240 minute summer	J38	128	184.533	0.158	21.7	0.1786	0.0000	OK
240 minute summer	J39	128	184.490	0.152	22.5	0.1723	0.0000	OK
240 minute summer	J40	128	184.455	0.130	23.6	0.1468	0.0000	OK
240 minute summer	J41	124	184.634	0.037	1.6	0.0415	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J27	23.011	S4	11.3	0.717	0.378	0.0951
240 minute summer	J28	32.001	J29	4.5	0.711	0.753	0.0552
240 minute summer	J29	32.002	S12	5.2	0.805	0.871	0.0298
240 minute summer	J30	32.004	J31	6.8	0.636	0.510	0.0530
240 minute summer	J31	32.005	J32	7.6	0.711	0.570	0.1037
240 minute summer	J32	32.006	S13	8.4	0.951	0.630	0.0468
240 minute summer	J33	32.008	S14	11.6	1.051	0.326	0.0992
240 minute summer	J34	32.010	J35	15.3	1.120	0.397	0.1239
240 minute summer	J35	32.011	J36	16.1	1.085	0.181	0.1025
240 minute summer	J36	32.012	S15	17.6	1.179	0.587	0.0358
240 minute summer	J37	32.014	S16	19.8	1.220	0.650	0.0844
240 minute summer	J38	32.016	J39	21.7	0.744	0.719	0.3158
240 minute summer	J39	32.017	J40	22.5	0.860	0.731	0.0956
240 minute summer	J40	32.018	S10	23.7	1.058	0.549	0.2140
240 minute summer	J41	48.002	J42	1.6	0.535	0.266	0.0184

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Results for 100 year +45% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J42	124	184.581	0.044	2.4	0.0496	0.0000	OK
240 minute summer	J43	128	184.434	0.074	4.5	0.0834	0.0000	OK
240 minute summer	J44	128	184.421	0.071	5.3	0.0805	0.0000	OK
240 minute summer	J45	128	184.403	0.103	6.1	0.1163	0.0000	OK
240 minute summer	J46	128	184.379	0.107	8.8	0.1208	0.0000	OK
240 minute summer	J47	128	184.353	0.105	9.5	0.1189	0.0000	OK
240 minute summer	J48	272	184.294	0.140	11.8	0.1585	0.0000	OK
240 minute summer	J49	272	184.296	0.166	12.6	0.1883	0.0000	OK
240 minute summer	J50	272	184.294	0.169	13.4	0.1909	0.0000	OK
240 minute summer	J51	268	184.294	0.186	14.2	0.2098	0.0000	OK
240 minute summer	J52	272	184.298	0.194	15.0	0.2191	0.0000	OK
240 minute summer	J53	272	184.294	0.207	15.8	0.2344	0.0000	OK
240 minute summer	J54	128	185.026	0.047	2.2	0.0535	0.0000	OK
240 minute summer	J55	128	184.997	0.053	3.0	0.0604	0.0000	OK
240 minute summer	J56	272	184.319	0.352	24.5	0.3977	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J42	48.003	S21	2.4	0.557	0.400	0.0345
240 minute summer	J43	48.005	J44	4.5	0.541	0.324	0.0135
240 minute summer	J44	48.006	J45	5.3	0.508	0.399	0.0926
240 minute summer	J45	48.007	S22	6.1	0.481	0.452	0.0316
240 minute summer	J46	48.009	J47	8.8	0.660	0.658	0.0561
240 minute summer	J47	48.010	S23	9.5	0.786	0.716	0.0320
240 minute summer	J48	48.012	J49	11.8	0.490	0.396	0.2141
240 minute summer	J49	48.013	J50	12.6	0.503	0.412	0.0360
240 minute summer	J50	48.014	J51	13.4	0.538	0.449	0.1681
240 minute summer	J51	48.015	J52	14.2	0.584	0.463	0.0402
240 minute summer	J52	48.016	J53	15.0	0.668	0.492	0.1824
240 minute summer	J53	48.017	S24	15.7	0.799	0.522	0.4003
240 minute summer	J54	65.002	J55	2.2	0.562	0.375	0.0144
240 minute summer	J55	65.003	S24	3.0	0.733	0.511	0.0323
240 minute summer	J56	48.019	J57	24.5	0.650	0.452	0.6398

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Results for 100 year +45% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	J57	284	184.291	0.346	25.3	0.3918	0.0000	SURCHARGED
240 minute summer	BASIN 1	260	186.342	1.342	35.3	189.3397	0.0000	SURCHARGED
240 minute summer	BASIN 2	480	184.634	0.334	1.6	31.6949	0.0000	OK
240 minute summer	BASIN 3	300	183.292	0.192	27.2	134.9219	0.0000	OK
240 minute summer	BASIN 4	276	184.289	0.959	25.3	143.4434	0.0000	SURCHARGED
240 minute summer	SWALE 1	260	184.968	0.036	1.6	0.0405	0.0000	OK
240 minute summer	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
240 minute summer	SWALE 3	128	184.204	0.134	27.1	0.1511	0.0000	OK
240 minute summer	BH1	480	184.634	0.557	0.9	2.4173	0.0000	OK
240 minute summer	BH2	284	183.292	0.240	2.4	2.8004	0.0000	OK
240 minute summer	BH3	276	184.289	0.983	2.3	6.1912	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	J57	48.020	S25	25.3	0.717	0.468	0.5574
240 minute summer	BASIN 1	1.023	S5	1.9	0.190	0.036	0.6013
240 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
240 minute summer	BASIN 2	71.000	BH1	0.9	0.446	0.148	0.1829
240 minute summer	BASIN 3	1.034	BH2	2.4	0.315	0.028	1.7735
240 minute summer	BASIN 4	48.022	BH3	2.3	0.528	0.044	0.7181
240 minute summer	SWALE 1	1.025	S6	1.6	0.341	0.031	0.1798
240 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
240 minute summer	SWALE 3	1.033	BASIN 3	27.2	0.932	0.392	1.2617
240 minute summer	BH1	Infiltration		0.1			
240 minute summer	BH2	Infiltration		0.2			
240 minute summer	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S1	124	188.396	0.026	1.3	0.0352	0.0000	OK
240 minute winter	S2	128	187.154	0.115	14.1	0.1685	0.0000	OK
240 minute winter	S3	264	186.485	0.272	20.4	0.3542	0.0000	SURCHARGED
240 minute winter	S4	268	186.482	1.104	31.8	1.3113	0.0000	SURCHARGED
240 minute winter	S5	268	186.481	1.501	1.7	1.6979	0.0000	SURCHARGED
240 minute winter	S6	268	184.881	0.037	1.7	0.0419	0.0000	OK
240 minute winter	S7	4	184.779	0.000	0.0	0.0000	0.0000	OK
240 minute winter	S8	4	184.390	0.000	0.0	0.0000	0.0000	OK
240 minute winter	S9	128	184.271	0.071	0.1	0.0808	0.0000	OK
240 minute winter	S10	128	184.271	0.087	23.1	0.1334	0.0000	OK
240 minute winter	S11	124	186.454	0.054	2.9	0.0888	0.0000	OK
240 minute winter	S12	128	186.249	0.073	5.0	0.0824	0.0000	OK
240 minute winter	S13	128	186.092	0.058	9.3	0.0825	0.0000	OK
240 minute winter	S14	128	185.358	0.108	12.7	0.1688	0.0000	OK
240 minute winter	S15	128	184.931	0.064	16.7	0.0894	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	S1	1.000	J1	1.3	0.493	0.148	0.0218
240 minute winter	S2	1.012	J12	14.1	0.765	0.471	0.0275
240 minute winter	S3	1.019	J18	20.4	1.148	0.666	0.2040
240 minute winter	S4	1.022	BASIN 1	31.6	1.602	0.188	1.1778
240 minute winter	S5	1.024	SWALE 1	1.7	0.346	0.032	0.1002
240 minute winter	S6	1.026	BASIN 2	1.7	0.397	0.031	0.0248
240 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
240 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0770
240 minute winter	S9	1.031	S10	-0.1	-0.054	-0.002	0.0998
240 minute winter	S10	1.032	SWALE 3	23.1	1.059	0.128	0.0956
240 minute winter	S11	32.000	J28	2.9	0.632	0.486	0.0207
240 minute winter	S12	32.003	J30	5.0	0.564	0.378	0.0455
240 minute winter	S13	32.007	J33	9.3	1.542	0.289	0.0787
240 minute winter	S14	32.009	J34	12.7	1.006	0.735	0.0663
240 minute winter	S15	32.013	J37	16.2	1.151	0.176	0.1329

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Results for 100 year +45% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S16	128	184.622	0.065	18.0	0.0823	0.0000	OK
240 minute winter	S17	272	186.483	0.483	0.5	0.5461	0.0000	SURCHARGED
240 minute winter	S18	264	186.482	0.821	5.5	1.1596	0.0000	SURCHARGED
240 minute winter	S19	264	186.483	0.992	9.6	1.3586	0.0000	SURCHARGED
240 minute winter	S20	128	184.677	0.035	1.4	0.0426	0.0000	OK
240 minute winter	S21	128	184.519	0.060	3.5	0.0707	0.0000	OK
240 minute winter	S22	272	184.404	0.118	7.5	0.1447	0.0000	OK
240 minute winter	S23	396	184.428	0.270	67.2	0.3186	0.0000	SURCHARGED
240 minute winter	S24	272	184.408	0.431	22.1	0.6264	0.0000	SURCHARGED
240 minute winter	S25	348	184.396	0.470	23.2	0.5316	0.0000	SURCHARGED
240 minute winter	S26	128	185.403	0.026	1.2	0.0312	0.0000	OK
240 minute winter	FC1	152	188.898	0.648	1.1	1.2031	0.0000	SURCHARGED
240 minute winter	FC2	152	188.797	0.647	1.1	1.2064	0.0000	SURCHARGED
240 minute winter	FC3	168	188.921	0.721	1.8	3.4886	0.0000	FLOOD RISK
240 minute winter	FC4	140	188.784	0.584	0.9	0.7541	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	S16	32.015	J38	18.0	1.005	0.122	0.0415
240 minute winter	S17	23.001	J20	0.4	0.294	0.075	0.0560
240 minute winter	S18	23.006	J24	5.3	0.548	0.384	0.0323
240 minute winter	S19	23.010	J27	9.0	0.569	0.300	0.3541
240 minute winter	S20	48.001	J41	1.4	0.587	0.237	0.0111
240 minute winter	S21	48.004	J43	3.5	0.750	0.589	0.0237
240 minute winter	S22	48.008	J46	7.5	0.586	0.561	0.0369
240 minute winter	S23	48.011	J48	-57.6	-1.459	-1.867	0.0447
240 minute winter	S24	48.018	J56	22.1	0.600	0.414	0.2989
240 minute winter	S25	48.021	BASIN 4	23.2	0.822	0.421	0.2248
240 minute winter	S26	65.001	J54	1.2	0.770	0.139	0.0134
240 minute winter	FC1	2.000	J1	0.8	0.451	0.129	0.0122
240 minute winter	FC2	3.000	J2	0.8	0.289	0.134	0.0176
240 minute winter	FC3	4.000	J3	0.8	0.556	0.132	0.0142
240 minute winter	FC4	5.000	J4	0.8	0.609	0.100	0.0091

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Results for 100 year +45% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC5	152	188.645	0.645	1.1	1.2091	0.0000	SURCHARGED
240 minute winter	FC6	140	188.433	0.583	0.9	0.7525	0.0000	SURCHARGED
240 minute winter	FC7	140	188.334	0.584	0.9	0.7544	0.0000	SURCHARGED
240 minute winter	FC8	152	188.396	0.646	1.1	1.1958	0.0000	SURCHARGED
240 minute winter	FC9	140	188.057	0.587	0.9	0.7572	0.0000	SURCHARGED
240 minute winter	FC10	164	188.177	0.707	1.6	2.7320	0.0000	FLOOD RISK
240 minute winter	FC11	144	187.950	0.630	1.0	0.9443	0.0000	SURCHARGED
240 minute winter	FC12	144	187.860	0.630	1.0	0.9443	0.0000	SURCHARGED
240 minute winter	FC13	152	187.649	0.649	1.1	1.2053	0.0000	SURCHARGED
240 minute winter	FC14	168	187.146	0.246	1.1	3.1431	0.0000	SURCHARGED
240 minute winter	FC15	140	187.778	0.578	0.9	0.7463	0.0000	SURCHARGED
240 minute winter	FC16	140	187.486	0.586	0.9	0.7561	0.0000	SURCHARGED
240 minute winter	FC17	140	187.580	0.580	0.9	0.7489	0.0000	SURCHARGED
240 minute winter	FC18	140	187.137	0.587	0.9	0.7574	0.0000	SURCHARGED
240 minute winter	FC19	152	187.049	0.649	1.1	1.2054	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC5	6.000	J5	0.8	0.512	0.134	0.0064
240 minute winter	FC6	7.000	J6	0.8	0.670	0.087	0.0083
240 minute winter	FC7	8.000	J7	0.8	0.536	0.107	0.0119
240 minute winter	FC8	9.000	J8	0.8	0.729	0.082	0.0046
240 minute winter	FC9	10.000	J9	0.8	0.512	0.127	0.0107
240 minute winter	FC10	11.000	J10	0.8	0.567	0.126	0.0092
240 minute winter	FC11	12.000	J11	0.8	0.515	0.133	0.0118
240 minute winter	FC12	13.000	S2	0.8	0.515	0.133	0.0105
240 minute winter	FC13	14.000	J12	0.8	0.518	0.135	0.0105
240 minute winter	FC14	15.000	J13	0.5	0.450	0.081	0.0081
240 minute winter	FC15	16.000	J14	0.8	1.087	0.044	0.0033
240 minute winter	FC16	17.000	J15	0.8	0.544	0.117	0.0106
240 minute winter	FC17	18.000	J16	0.8	0.863	0.060	0.0042
240 minute winter	FC18	19.000	J17	0.8	0.509	0.128	0.0104
240 minute winter	FC19	20.000	S3	0.8	0.516	0.135	0.0490

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Results for 100 year +45% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC20	148	187.595	0.645	1.1	1.1875	0.0000	SURCHARGED
240 minute winter	FC21	152	186.947	0.647	1.1	1.2071	0.0000	SURCHARGED
240 minute winter	FC22	160	186.670	0.220	0.9	2.1401	0.0000	SURCHARGED
240 minute winter	FC23	140	186.886	0.586	0.9	0.7567	0.0000	SURCHARGED
240 minute winter	FC24	152	186.947	0.647	1.1	1.2015	0.0000	SURCHARGED
240 minute winter	FC25	148	187.195	0.645	1.1	1.1873	0.0000	SURCHARGED
240 minute winter	FC26	160	186.665	0.215	0.9	2.1763	0.0000	SURCHARGED
240 minute winter	FC27	140	187.078	0.578	0.9	0.7460	0.0000	SURCHARGED
240 minute winter	FC28	148	187.145	0.644	1.1	1.1878	0.0000	SURCHARGED
240 minute winter	FC29	152	187.162	0.662	1.3	1.5114	0.0000	SURCHARGED
240 minute winter	FC30	148	187.395	0.645	1.1	1.1890	0.0000	SURCHARGED
240 minute winter	FC31	140	187.032	0.582	0.9	0.7516	0.0000	SURCHARGED
240 minute winter	FC32	140	187.030	0.580	0.9	0.7484	0.0000	SURCHARGED
240 minute winter	FC33	148	187.097	0.647	1.1	1.1875	0.0000	SURCHARGED
240 minute winter	FC34	152	187.098	0.648	1.1	1.2054	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC20	21.000	J18	0.8	1.043	0.050	0.0033
240 minute winter	FC21	22.000	J19	0.8	0.517	0.135	0.0599
240 minute winter	FC22	23.000	S17	0.5	0.629	0.025	0.0241
240 minute winter	FC23	24.000	J20	0.8	0.529	0.120	0.0359
240 minute winter	FC24	25.000	J21	0.8	0.604	0.107	0.0363
240 minute winter	FC25	26.000	J22	0.8	1.036	0.051	0.0200
240 minute winter	FC26	27.000	J23	0.5	0.775	0.034	0.0234
240 minute winter	FC27	28.000	J24	0.8	1.122	0.042	0.0188
240 minute winter	FC28	29.000	J25	0.8	1.041	0.050	0.0184
240 minute winter	FC29	30.000	J26	0.8	1.016	0.053	0.0203
240 minute winter	FC30	31.000	J27	0.8	0.971	0.055	0.0036
240 minute winter	FC31	33.000	J28	0.8	0.346	0.084	0.0124
240 minute winter	FC32	34.000	J29	0.8	0.294	0.060	0.0136
240 minute winter	FC33	35.000	S12	0.8	0.954	0.057	0.0045
240 minute winter	FC34	36.000	J30	0.8	0.530	0.129	0.0072

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Results for 100 year +45% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC35	148	187.095	0.645	1.1	1.1885	0.0000	SURCHARGED
240 minute winter	FC36	152	187.109	0.659	1.3	1.5129	0.0000	SURCHARGED
240 minute winter	FC37	160	186.495	0.695	1.5	2.2802	0.0000	SURCHARGED
240 minute winter	FC38	164	185.643	0.193	0.9	2.3229	0.0000	SURCHARGED
240 minute winter	FC39	140	186.029	0.579	0.9	0.7477	0.0000	SURCHARGED
240 minute winter	FC40	152	186.104	0.604	1.1	1.2394	0.0000	SURCHARGED
240 minute winter	FC41	152	185.493	0.643	1.1	1.1960	0.0000	SURCHARGED
240 minute winter	FC42	152	185.244	0.644	1.1	1.2001	0.0000	SURCHARGED
240 minute winter	FC43	152	185.226	0.626	1.1	1.2093	0.0000	SURCHARGED
240 minute winter	FC44	120	184.620	0.020	0.9	0.0257	0.0000	OK
240 minute winter	FC45	4	184.600	0.000	0.0	0.0000	0.0000	OK
240 minute winter	FC46	164	185.407	0.707	1.6	2.7344	0.0000	FLOOD RISK
240 minute winter	FC47	4	184.750	0.000	0.0	0.0000	0.0000	OK
240 minute winter	FC48	148	185.446	0.646	1.1	1.1883	0.0000	SURCHARGED
240 minute winter	FC49	152	185.447	0.647	1.1	1.2076	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC35	37.000	J31	0.8	0.957	0.056	0.0072
240 minute winter	FC36	38.000	J32	0.8	1.032	0.051	0.0071
240 minute winter	FC37	39.000	J33	0.8	0.696	0.094	0.0078
240 minute winter	FC38	40.000	J34	0.4	0.732	0.034	0.0028
240 minute winter	FC39	41.000	J35	0.8	0.953	0.052	0.0035
240 minute winter	FC40	42.000	J36	0.8	1.174	0.040	0.0033
240 minute winter	FC41	43.000	J37	0.8	0.772	0.076	0.0052
240 minute winter	FC42	44.000	J38	0.8	0.672	0.092	0.0059
240 minute winter	FC43	45.000	J39	0.8	0.783	0.073	0.0044
240 minute winter	FC44	46.000	J40	0.9	0.837	0.080	0.0047
240 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
240 minute winter	FC46	48.000	S20	0.8	0.488	0.141	0.0119
240 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0063
240 minute winter	FC48	50.000	J42	0.8	0.473	0.057	0.0099
240 minute winter	FC49	51.000	S21	0.8	0.513	0.135	0.0068

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Results for 100 year +45% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC50	152	185.447	0.647	1.1	1.2072	0.0000	SURCHARGED
240 minute winter	FC51	152	185.494	0.644	1.1	1.2093	0.0000	SURCHARGED
240 minute winter	FC52	156	185.924	0.674	1.4	1.8952	0.0000	SURCHARGED
240 minute winter	FC53	152	185.896	0.646	1.1	1.1969	0.0000	SURCHARGED
240 minute winter	FC54	140	185.831	0.581	0.9	0.7505	0.0000	SURCHARGED
240 minute winter	FC55	140	185.829	0.579	0.9	0.7475	0.0000	SURCHARGED
240 minute winter	FC56	148	185.995	0.645	1.1	1.1879	0.0000	SURCHARGED
240 minute winter	FC57	148	185.996	0.646	1.1	1.1887	0.0000	SURCHARGED
240 minute winter	FC58	140	185.930	0.580	0.9	0.7483	0.0000	SURCHARGED
240 minute winter	FC59	140	185.930	0.580	0.9	0.7492	0.0000	SURCHARGED
240 minute winter	FC60	148	185.996	0.646	1.1	1.1915	0.0000	SURCHARGED
240 minute winter	FC61	152	185.946	0.646	1.1	1.1975	0.0000	SURCHARGED
240 minute winter	FC62	164	185.963	0.713	1.7	3.0357	0.0000	FLOOD RISK
240 minute winter	FC63	140	185.988	0.588	0.9	0.7585	0.0000	SURCHARGED
240 minute winter	FC64	144	185.778	0.777	1.1	1.1076	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC50	52.000	J43	0.8	0.513	0.135	0.0073
240 minute winter	FC51	55.000	S22	0.8	0.516	0.134	0.0095
240 minute winter	FC52	58.000	S23	0.8	0.757	0.081	0.0059
240 minute winter	FC53	61.000	J50	0.8	0.706	0.086	0.0048
240 minute winter	FC54	62.000	J51	0.8	0.771	0.070	0.0039
240 minute winter	FC55	64.000	J53	0.8	0.975	0.051	0.0032
240 minute winter	FC56	53.000	J44	0.8	1.024	0.052	0.0052
240 minute winter	FC57	54.000	J45	0.8	0.960	0.057	0.0054
240 minute winter	FC58	56.000	J46	0.8	0.908	0.057	0.0052
240 minute winter	FC59	57.000	J47	0.8	0.841	0.063	0.0058
240 minute winter	FC60	59.000	J48	0.8	0.846	0.068	0.0063
240 minute winter	FC61	60.000	J49	0.8	0.678	0.093	0.0087
240 minute winter	FC62	63.000	J52	0.8	0.633	0.110	0.0125
240 minute winter	FC63	65.000	S26	0.8	0.498	0.128	0.0038
240 minute winter	FC64	66.000	J54	0.9	0.359	0.148	0.0057

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Results for 100 year +45% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	FC65	148	185.797	0.647	1.1	1.1836	0.0000	SURCHARGED
240 minute winter	FC66	152	185.648	0.648	1.1	1.2030	0.0000	SURCHARGED
240 minute winter	FC67	164	185.015	0.215	0.9	2.2225	0.0000	SURCHARGED
240 minute winter	FC68	140	185.133	0.583	0.9	0.7530	0.0000	SURCHARGED
240 minute winter	J1	124	188.248	0.048	3.4	0.0646	0.0000	OK
240 minute winter	J2	124	188.178	0.072	4.1	0.0810	0.0000	OK
240 minute winter	J3	124	188.110	0.064	4.9	0.0718	0.0000	OK
240 minute winter	J4	124	188.081	0.046	5.6	0.0521	0.0000	OK
240 minute winter	J5	124	187.951	0.041	6.4	0.0469	0.0000	OK
240 minute winter	J6	128	187.717	0.067	7.1	0.0755	0.0000	OK
240 minute winter	J7	128	187.681	0.081	7.8	0.0912	0.0000	OK
240 minute winter	J8	128	187.652	0.058	8.6	0.0662	0.0000	OK
240 minute winter	J9	132	187.356	0.080	9.3	0.0910	0.0000	OK
240 minute winter	J10	132	187.317	0.047	10.1	0.0537	0.0000	OK
240 minute winter	J11	136	187.191	0.070	10.9	0.0789	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	FC65	67.000	J55	0.8	0.486	0.043	0.0052
240 minute winter	FC66	68.000	S24	0.8	0.575	0.111	0.0029
240 minute winter	FC67	69.000	J56	0.4	0.427	0.076	0.0022
240 minute winter	FC68	70.000	J57	0.8	0.666	0.084	0.0026
240 minute winter	J1	1.001	J2	3.4	0.689	0.405	0.0243
240 minute winter	J2	1.002	J3	4.1	0.745	0.694	0.0057
240 minute winter	J3	1.003	J4	4.9	0.843	0.369	0.0114
240 minute winter	J4	1.004	J5	5.6	1.309	0.166	0.0151
240 minute winter	J5	1.005	J6	6.4	1.117	0.166	0.0327
240 minute winter	J6	1.006	J7	7.1	0.823	0.249	0.0169
240 minute winter	J7	1.007	J8	7.8	0.976	0.559	0.0090
240 minute winter	J8	1.008	J9	8.6	1.413	0.284	0.0514
240 minute winter	J9	1.009	J10	9.3	1.004	0.279	0.0113
240 minute winter	J10	1.010	J11	10.1	1.237	0.078	0.0202
240 minute winter	J11	1.011	S2	10.9	0.720	0.169	0.0824

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Results for 100 year +45% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J12	128	186.887	0.078	14.8	0.0882	0.0000	OK
240 minute winter	J13	128	186.842	0.140	15.3	0.1582	0.0000	OK
240 minute winter	J14	128	186.827	0.132	16.0	0.1491	0.0000	OK
240 minute winter	J15	136	186.806	0.118	16.7	0.1331	0.0000	OK
240 minute winter	J16	136	186.767	0.097	17.4	0.1097	0.0000	OK
240 minute winter	J17	268	186.487	0.129	18.2	0.1464	0.0000	OK
240 minute winter	J18	264	186.483	0.289	21.2	0.3266	0.0000	SURCHARGED
240 minute winter	J19	268	186.485	0.458	21.9	0.5183	0.0000	SURCHARGED
240 minute winter	J20	268	186.483	0.552	1.2	0.6240	0.0000	SURCHARGED
240 minute winter	J21	268	186.483	0.588	2.0	0.6648	0.0000	SURCHARGED
240 minute winter	J22	268	186.483	0.665	2.8	0.7522	0.0000	SURCHARGED
240 minute winter	J23	268	186.483	0.700	3.1	0.7914	0.0000	SURCHARGED
240 minute winter	J24	272	186.482	0.832	6.0	0.9404	0.0000	SURCHARGED
240 minute winter	J25	272	186.483	0.867	6.7	0.9811	0.0000	SURCHARGED
240 minute winter	J26	272	186.483	0.896	7.4	1.0128	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J12	1.013	J13	14.8	0.780	0.222	0.1234
240 minute winter	J13	1.014	J14	15.2	0.609	0.486	0.0475
240 minute winter	J14	1.015	J15	16.0	0.707	0.511	0.0433
240 minute winter	J15	1.016	J16	16.7	0.893	0.545	0.0958
240 minute winter	J16	1.017	J17	17.4	1.182	0.289	0.0495
240 minute winter	J17	1.018	S3	18.2	1.130	0.125	0.0598
240 minute winter	J18	1.020	J19	21.2	1.922	0.163	0.0592
240 minute winter	J19	1.021	S4	21.9	0.808	0.398	0.3096
240 minute winter	J20	23.002	J21	1.2	0.465	0.199	0.0295
240 minute winter	J21	23.003	J22	2.0	0.542	0.332	0.0627
240 minute winter	J22	23.004	J23	2.7	0.658	0.452	0.0281
240 minute winter	J23	23.005	S18	3.1	0.732	0.525	0.0587
240 minute winter	J24	23.007	J25	5.9	0.586	0.443	0.1088
240 minute winter	J25	23.008	J26	6.6	0.612	0.496	0.0874
240 minute winter	J26	23.009	S19	7.2	0.721	0.539	0.0652

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Results for 100 year +45% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J27	260	186.482	1.021	10.2	1.1543	0.0000	SURCHARGED
240 minute winter	J28	124	186.415	0.059	3.6	0.0667	0.0000	OK
240 minute winter	J29	128	186.340	0.069	4.3	0.0776	0.0000	OK
240 minute winter	J30	128	186.226	0.079	5.8	0.0895	0.0000	OK
240 minute winter	J31	128	186.199	0.080	6.6	0.0909	0.0000	OK
240 minute winter	J32	128	186.145	0.081	7.4	0.0918	0.0000	OK
240 minute winter	J33	128	185.665	0.055	10.1	0.0620	0.0000	OK
240 minute winter	J34	128	185.218	0.093	13.1	0.1051	0.0000	OK
240 minute winter	J35	128	185.137	0.062	13.8	0.0706	0.0000	OK
240 minute winter	J36	132	184.978	0.103	14.6	0.1163	0.0000	OK
240 minute winter	J37	128	184.685	0.110	17.0	0.1239	0.0000	OK
240 minute winter	J38	128	184.517	0.142	18.8	0.1611	0.0000	OK
240 minute winter	J39	128	184.477	0.139	19.5	0.1568	0.0000	OK
240 minute winter	J40	128	184.443	0.118	20.4	0.1339	0.0000	OK
240 minute winter	J41	128	184.631	0.034	1.4	0.0387	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J27	23.011	S4	9.3	0.667	0.311	0.0951
240 minute winter	J28	32.001	J29	3.6	0.678	0.602	0.0464
240 minute winter	J29	32.002	S12	4.3	0.782	0.717	0.0253
240 minute winter	J30	32.004	J31	5.8	0.614	0.440	0.0473
240 minute winter	J31	32.005	J32	6.6	0.686	0.499	0.0942
240 minute winter	J32	32.006	S13	7.4	0.930	0.558	0.0424
240 minute winter	J33	32.008	S14	10.1	1.049	0.285	0.0878
240 minute winter	J34	32.010	J35	13.1	1.080	0.340	0.1102
240 minute winter	J35	32.011	J36	13.8	1.048	0.155	0.0914
240 minute winter	J36	32.012	S15	15.0	1.139	0.500	0.0319
240 minute winter	J37	32.014	S16	17.1	1.200	0.561	0.0744
240 minute winter	J38	32.016	J39	18.7	0.719	0.621	0.2820
240 minute winter	J39	32.017	J40	19.5	0.834	0.634	0.0856
240 minute winter	J40	32.018	S10	20.4	1.021	0.474	0.1913
240 minute winter	J41	48.002	J42	1.4	0.512	0.237	0.0171

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Results for 100 year +45% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J42	128	184.579	0.042	2.2	0.0478	0.0000	OK
240 minute winter	J43	128	184.431	0.071	4.3	0.0800	0.0000	OK
240 minute winter	J44	128	184.418	0.068	5.1	0.0770	0.0000	OK
240 minute winter	J45	272	184.407	0.107	5.8	0.1209	0.0000	OK
240 minute winter	J46	344	184.401	0.129	8.2	0.1460	0.0000	OK
240 minute winter	J47	320	184.410	0.162	9.0	0.1835	0.0000	SURCHARGED
240 minute winter	J48	336	184.400	0.246	16.3	0.2786	0.0000	SURCHARGED
240 minute winter	J49	396	184.467	0.338	75.7	0.3820	0.0000	SURCHARGED
240 minute winter	J50	428	184.427	0.302	46.0	0.3413	0.0000	SURCHARGED
240 minute winter	J51	396	184.463	0.355	37.6	0.4011	0.0000	SURCHARGED
240 minute winter	J52	268	184.432	0.328	41.2	0.3714	0.0000	SURCHARGED
240 minute winter	J53	364	184.409	0.321	15.0	0.3636	0.0000	SURCHARGED
240 minute winter	J54	128	185.024	0.045	2.0	0.0508	0.0000	OK
240 minute winter	J55	144	184.995	0.051	2.8	0.0582	0.0000	OK
240 minute winter	J56	272	184.407	0.440	22.5	0.4971	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J42	48.003	S21	2.2	0.549	0.373	0.0328
240 minute winter	J43	48.005	J44	4.3	0.536	0.306	0.0128
240 minute winter	J44	48.006	J45	5.1	0.509	0.379	0.0874
240 minute winter	J45	48.007	S22	5.8	0.479	0.431	0.0337
240 minute winter	J46	48.009	J47	8.2	0.650	0.617	0.0711
240 minute winter	J47	48.010	S23	8.9	0.769	0.671	0.0465
240 minute winter	J48	48.012	J49	11.1	0.482	0.372	0.2962
240 minute winter	J49	48.013	J50	-62.4	-1.569	-2.035	0.0451
240 minute winter	J50	48.014	J51	12.7	0.531	0.425	0.2018
240 minute winter	J51	48.015	J52	21.5	0.575	0.703	0.0451
240 minute winter	J52	48.016	J53	14.2	0.659	0.466	0.1938
240 minute winter	J53	48.017	S24	15.0	0.788	0.496	0.4079
240 minute winter	J54	65.002	J55	2.0	0.548	0.345	0.0136
240 minute winter	J55	65.003	S24	2.8	0.723	0.481	0.0308
240 minute winter	J56	48.019	J57	22.5	0.636	0.415	0.6398

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Results for 100 year +45% CC 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	J57	272	184.400	0.455	23.2	0.5145	0.0000	SURCHARGED
240 minute winter	BASIN 1	268	186.481	1.481	31.6	214.0992	0.0000	SURCHARGED
240 minute winter	BASIN 2	480	184.654	0.354	1.7	33.7434	0.0000	OK
240 minute winter	BASIN 3	316	183.318	0.218	23.1	153.4315	0.0000	OK
240 minute winter	BASIN 4	292	184.394	1.064	23.2	162.1691	0.0000	SURCHARGED
240 minute winter	SWALE 1	268	184.969	0.037	1.7	0.0415	0.0000	OK
240 minute winter	SWALE 2	4	184.450	0.000	0.0	0.0000	0.0000	OK
240 minute winter	SWALE 3	128	184.192	0.122	23.1	0.1376	0.0000	OK
240 minute winter	BH1	480	184.654	0.577	0.9	2.4740	0.0000	OK
240 minute winter	BH2	316	183.318	0.266	2.5	2.9280	0.0000	OK
240 minute winter	BH3	344	184.395	1.089	2.7	6.6854	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute winter	J57	48.020	S25	23.2	0.701	0.430	0.5574
240 minute winter	BASIN 1	1.023	S5	1.7	0.224	0.033	0.6013
240 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
240 minute winter	BASIN 2	71.000	BH1	0.9	0.459	0.149	0.1829
240 minute winter	BASIN 3	1.034	BH2	2.5	0.329	0.030	2.0256
240 minute winter	BASIN 4	48.022	BH3	2.7	0.595	0.051	0.7181
240 minute winter	SWALE 1	1.025	S6	1.7	0.346	0.032	0.1861
240 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
240 minute winter	SWALE 3	1.033	BASIN 3	23.1	0.890	0.333	1.1202
240 minute winter	BH1	Infiltration		0.1			
240 minute winter	BH2	Infiltration		0.2			
240 minute winter	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S1	184	188.396	0.026	1.3	0.0352	0.0000	OK
360 minute summer	S2	192	187.152	0.113	13.6	0.1657	0.0000	OK
360 minute summer	S3	352	186.455	0.243	19.8	0.3154	0.0000	SURCHARGED
360 minute summer	S4	368	186.451	1.073	30.7	1.2744	0.0000	SURCHARGED
360 minute summer	S5	368	186.450	1.470	1.7	1.6628	0.0000	SURCHARGED
360 minute summer	S6	376	184.881	0.037	1.7	0.0417	0.0000	OK
360 minute summer	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
360 minute summer	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
360 minute summer	S9	184	184.270	0.070	0.1	0.0796	0.0000	OK
360 minute summer	S10	184	184.270	0.086	22.8	0.1319	0.0000	OK
360 minute summer	S11	184	186.456	0.056	3.0	0.0905	0.0000	OK
360 minute summer	S12	184	186.248	0.072	5.0	0.0813	0.0000	OK
360 minute summer	S13	184	186.091	0.057	9.1	0.0815	0.0000	OK
360 minute summer	S14	184	185.356	0.106	12.6	0.1670	0.0000	OK
360 minute summer	S15	184	184.931	0.063	14.8	0.0886	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	S1	1.000	J1	1.3	0.494	0.148	0.0217
360 minute summer	S2	1.012	J12	13.6	0.758	0.457	0.0269
360 minute summer	S3	1.019	J18	19.8	1.140	0.647	0.2040
360 minute summer	S4	1.022	BASIN 1	30.5	1.398	0.182	1.1778
360 minute summer	S5	1.024	SWALE 1	1.7	0.345	0.032	0.0994
360 minute summer	S6	1.026	BASIN 2	1.7	0.396	0.031	0.0246
360 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
360 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0755
360 minute summer	S9	1.031	S10	-0.1	0.022	-0.001	0.0981
360 minute summer	S10	1.032	SWALE 3	22.7	1.060	0.126	0.0939
360 minute summer	S11	32.000	J28	3.0	0.640	0.501	0.0211
360 minute summer	S12	32.003	J30	5.0	0.565	0.371	0.0446
360 minute summer	S13	32.007	J33	9.1	1.534	0.283	0.0774
360 minute summer	S14	32.009	J34	12.5	1.002	0.723	0.0655
360 minute summer	S15	32.013	J37	16.0	1.149	0.173	0.1309

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Results for 100 year +45% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S16	184	184.621	0.064	17.7	0.0811	0.0000	OK
360 minute summer	S17	376	186.452	0.452	0.4	0.5109	0.0000	SURCHARGED
360 minute summer	S18	368	186.450	0.789	5.3	1.1153	0.0000	SURCHARGED
360 minute summer	S19	368	186.450	0.959	8.9	1.3143	0.0000	SURCHARGED
360 minute summer	S20	184	184.677	0.035	1.4	0.0423	0.0000	OK
360 minute summer	S21	184	184.517	0.058	3.4	0.0689	0.0000	OK
360 minute summer	S22	392	184.390	0.104	7.3	0.1269	0.0000	OK
360 minute summer	S23	448	184.391	0.233	10.0	0.2757	0.0000	SURCHARGED
360 minute summer	S24	392	184.387	0.410	21.5	0.5947	0.0000	SURCHARGED
360 minute summer	S25	376	184.382	0.456	22.6	0.5158	0.0000	SURCHARGED
360 minute summer	S26	184	185.402	0.025	1.1	0.0303	0.0000	OK
360 minute summer	FC1	200	188.881	0.631	1.2	0.9779	0.0000	SURCHARGED
360 minute summer	FC2	200	188.781	0.631	1.2	0.9795	0.0000	SURCHARGED
360 minute summer	FC3	216	188.894	0.694	1.9	2.7948	0.0000	SURCHARGED
360 minute summer	FC4	200	188.729	0.529	1.0	0.6823	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	S16	32.015	J38	17.6	1.006	0.120	0.0408
360 minute summer	S17	23.001	J20	0.4	0.289	0.069	0.0560
360 minute summer	S18	23.006	J24	5.1	0.540	0.375	0.0323
360 minute summer	S19	23.010	J27	8.6	0.552	0.286	0.3541
360 minute summer	S20	48.001	J41	1.4	0.585	0.233	0.0110
360 minute summer	S21	48.004	J43	3.3	0.743	0.566	0.0230
360 minute summer	S22	48.008	J46	7.3	0.584	0.542	0.0338
360 minute summer	S23	48.011	J48	10.0	0.471	0.325	0.0447
360 minute summer	S24	48.018	J56	21.5	0.595	0.402	0.2989
360 minute summer	S25	48.021	BASIN 4	22.6	0.816	0.410	0.2248
360 minute summer	S26	65.001	J54	1.1	0.757	0.130	0.0128
360 minute summer	FC1	2.000	J1	0.8	0.423	0.127	0.0121
360 minute summer	FC2	3.000	J2	0.8	0.273	0.132	0.0171
360 minute summer	FC3	4.000	J3	0.8	0.553	0.130	0.0140
360 minute summer	FC4	5.000	J4	0.7	0.600	0.095	0.0088

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Results for 100 year +45% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC5	200	188.630	0.630	1.2	0.9807	0.0000	SURCHARGED
360 minute summer	FC6	200	188.377	0.527	1.0	0.6808	0.0000	SURCHARGED
360 minute summer	FC7	200	188.279	0.529	1.0	0.6827	0.0000	SURCHARGED
360 minute summer	FC8	200	188.380	0.630	1.2	0.9719	0.0000	SURCHARGED
360 minute summer	FC9	200	188.001	0.531	1.0	0.6853	0.0000	SURCHARGED
360 minute summer	FC10	216	188.150	0.680	1.7	2.1516	0.0000	SURCHARGED
360 minute summer	FC11	200	187.941	0.621	1.1	0.8311	0.0000	SURCHARGED
360 minute summer	FC12	200	187.851	0.621	1.1	0.8311	0.0000	SURCHARGED
360 minute summer	FC13	200	187.632	0.631	1.2	0.9796	0.0000	SURCHARGED
360 minute summer	FC14	224	187.112	0.212	1.2	2.7063	0.0000	SURCHARGED
360 minute summer	FC15	200	187.723	0.523	1.0	0.6749	0.0000	SURCHARGED
360 minute summer	FC16	200	187.430	0.530	1.0	0.6842	0.0000	SURCHARGED
360 minute summer	FC17	200	187.525	0.525	1.0	0.6774	0.0000	SURCHARGED
360 minute summer	FC18	200	187.081	0.531	1.0	0.6855	0.0000	SURCHARGED
360 minute summer	FC19	200	187.032	0.632	1.2	0.9797	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC5	6.000	J5	0.8	0.510	0.133	0.0064
360 minute summer	FC6	7.000	J6	0.7	0.660	0.083	0.0080
360 minute summer	FC7	8.000	J7	0.7	0.537	0.101	0.0114
360 minute summer	FC8	9.000	J8	0.8	0.726	0.081	0.0046
360 minute summer	FC9	10.000	J9	0.7	0.505	0.121	0.0103
360 minute summer	FC10	11.000	J10	0.8	0.564	0.123	0.0091
360 minute summer	FC11	12.000	J11	0.8	0.514	0.132	0.0117
360 minute summer	FC12	13.000	S2	0.8	0.514	0.132	0.0105
360 minute summer	FC13	14.000	J12	0.8	0.516	0.133	0.0104
360 minute summer	FC14	15.000	J13	0.4	0.440	0.075	0.0076
360 minute summer	FC15	16.000	J14	0.7	1.071	0.041	0.0031
360 minute summer	FC16	17.000	J15	0.7	0.537	0.111	0.0102
360 minute summer	FC17	18.000	J16	0.7	0.851	0.057	0.0041
360 minute summer	FC18	19.000	J17	0.7	0.502	0.122	0.0100
360 minute summer	FC19	20.000	S3	0.8	0.514	0.134	0.0390

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Results for 100 year +45% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC20	200	187.579	0.629	1.2	0.9656	0.0000	SURCHARGED
360 minute summer	FC21	200	186.931	0.631	1.2	0.9799	0.0000	SURCHARGED
360 minute summer	FC22	216	186.642	0.192	1.0	1.8700	0.0000	SURCHARGED
360 minute summer	FC23	200	186.831	0.530	1.0	0.6849	0.0000	SURCHARGED
360 minute summer	FC24	200	186.931	0.630	1.2	0.9760	0.0000	SURCHARGED
360 minute summer	FC25	200	187.180	0.630	1.2	0.9656	0.0000	SURCHARGED
360 minute summer	FC26	216	186.638	0.188	1.0	1.9015	0.0000	SURCHARGED
360 minute summer	FC27	200	187.023	0.523	1.0	0.6747	0.0000	SURCHARGED
360 minute summer	FC28	200	187.129	0.629	1.2	0.9657	0.0000	SURCHARGED
360 minute summer	FC29	208	187.143	0.643	1.3	1.2077	0.0000	SURCHARGED
360 minute summer	FC30	200	187.379	0.629	1.2	0.9667	0.0000	SURCHARGED
360 minute summer	FC31	200	186.977	0.527	1.0	0.6800	0.0000	SURCHARGED
360 minute summer	FC32	200	186.974	0.524	1.0	0.6769	0.0000	SURCHARGED
360 minute summer	FC33	200	187.080	0.630	1.2	0.9663	0.0000	SURCHARGED
360 minute summer	FC34	200	187.081	0.631	1.2	0.9793	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC20	21.000	J18	0.8	1.040	0.049	0.0033
360 minute summer	FC21	22.000	J19	0.8	0.515	0.133	0.0599
360 minute summer	FC22	23.000	S17	0.4	0.615	0.023	0.0197
360 minute summer	FC23	24.000	J20	0.7	0.522	0.114	0.0359
360 minute summer	FC24	25.000	J21	0.8	0.602	0.106	0.0363
360 minute summer	FC25	26.000	J22	0.8	1.032	0.050	0.0193
360 minute summer	FC26	27.000	J23	0.4	0.759	0.032	0.0192
360 minute summer	FC27	28.000	J24	0.7	1.106	0.040	0.0186
360 minute summer	FC28	29.000	J25	0.8	1.038	0.049	0.0179
360 minute summer	FC29	30.000	J26	0.8	1.012	0.052	0.0196
360 minute summer	FC30	31.000	J27	0.8	0.967	0.054	0.0036
360 minute summer	FC31	33.000	J28	0.7	0.332	0.080	0.0124
360 minute summer	FC32	34.000	J29	0.7	0.285	0.057	0.0135
360 minute summer	FC33	35.000	S12	0.8	0.950	0.056	0.0042
360 minute summer	FC34	36.000	J30	0.8	0.528	0.127	0.0071

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Results for 100 year +45% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC35	200	187.079	0.629	1.2	0.9664	0.0000	SURCHARGED
360 minute summer	FC36	208	187.091	0.641	1.3	1.2080	0.0000	SURCHARGED
360 minute summer	FC37	208	186.466	0.666	1.5	1.7403	0.0000	SURCHARGED
360 minute summer	FC38	216	185.619	0.169	1.0	2.0288	0.0000	SURCHARGED
360 minute summer	FC39	200	185.974	0.524	1.0	0.6762	0.0000	SURCHARGED
360 minute summer	FC40	200	186.086	0.586	1.2	0.9894	0.0000	SURCHARGED
360 minute summer	FC41	200	185.479	0.629	1.2	0.9709	0.0000	SURCHARGED
360 minute summer	FC42	200	185.229	0.629	1.2	0.9739	0.0000	SURCHARGED
360 minute summer	FC43	200	185.222	0.622	1.2	0.9730	0.0000	SURCHARGED
360 minute summer	FC44	184	184.621	0.021	1.0	0.0270	0.0000	OK
360 minute summer	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
360 minute summer	FC46	216	185.380	0.680	1.7	2.1537	0.0000	SURCHARGED
360 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute summer	FC48	200	185.430	0.630	1.2	0.9664	0.0000	SURCHARGED
360 minute summer	FC49	200	185.431	0.631	1.2	0.9804	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC35	37.000	J31	0.8	0.943	0.055	0.0069
360 minute summer	FC36	38.000	J32	0.8	1.028	0.051	0.0069
360 minute summer	FC37	39.000	J33	0.8	0.692	0.092	0.0077
360 minute summer	FC38	40.000	J34	0.4	0.716	0.032	0.0026
360 minute summer	FC39	41.000	J35	0.7	0.940	0.050	0.0034
360 minute summer	FC40	42.000	J36	0.8	1.169	0.040	0.0033
360 minute summer	FC41	43.000	J37	0.8	0.770	0.075	0.0052
360 minute summer	FC42	44.000	J38	0.8	0.670	0.091	0.0058
360 minute summer	FC43	45.000	J39	0.8	0.782	0.073	0.0044
360 minute summer	FC44	46.000	J40	1.0	0.859	0.088	0.0051
360 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
360 minute summer	FC46	48.000	S20	0.8	0.485	0.138	0.0117
360 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0062
360 minute summer	FC48	50.000	J42	0.8	0.447	0.057	0.0097
360 minute summer	FC49	51.000	S21	0.8	0.511	0.133	0.0067

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Results for 100 year +45% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC50	200	185.431	0.631	1.2	0.9802	0.0000	SURCHARGED
360 minute summer	FC51	200	185.480	0.630	1.2	0.9804	0.0000	SURCHARGED
360 minute summer	FC52	208	185.901	0.651	1.4	1.4490	0.0000	SURCHARGED
360 minute summer	FC53	200	185.880	0.630	1.2	0.9726	0.0000	SURCHARGED
360 minute summer	FC54	200	185.776	0.526	1.0	0.6789	0.0000	SURCHARGED
360 minute summer	FC55	200	185.774	0.524	1.0	0.6760	0.0000	SURCHARGED
360 minute summer	FC56	200	185.979	0.629	1.2	0.9658	0.0000	SURCHARGED
360 minute summer	FC57	200	185.980	0.630	1.2	0.9667	0.0000	SURCHARGED
360 minute summer	FC58	200	185.874	0.524	1.0	0.6767	0.0000	SURCHARGED
360 minute summer	FC59	200	185.875	0.525	1.0	0.6776	0.0000	SURCHARGED
360 minute summer	FC60	200	185.980	0.630	1.2	0.9688	0.0000	SURCHARGED
360 minute summer	FC61	200	185.930	0.630	1.2	0.9732	0.0000	SURCHARGED
360 minute summer	FC62	216	185.936	0.686	1.8	2.4024	0.0000	SURCHARGED
360 minute summer	FC63	200	185.932	0.532	1.0	0.6865	0.0000	SURCHARGED
360 minute summer	FC64	200	185.713	0.713	1.2	0.9495	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC50	52.000	J43	0.8	0.512	0.133	0.0072
360 minute summer	FC51	55.000	S22	0.8	0.514	0.133	0.0094
360 minute summer	FC52	58.000	S23	0.8	0.753	0.080	0.0058
360 minute summer	FC53	61.000	J50	0.8	0.704	0.085	0.0048
360 minute summer	FC54	62.000	J51	0.7	0.760	0.067	0.0038
360 minute summer	FC55	64.000	J53	0.7	0.961	0.048	0.0031
360 minute summer	FC56	53.000	J44	0.8	1.020	0.051	0.0051
360 minute summer	FC57	54.000	J45	0.8	0.956	0.056	0.0054
360 minute summer	FC58	56.000	J46	0.7	0.895	0.054	0.0050
360 minute summer	FC59	57.000	J47	0.7	0.829	0.060	0.0056
360 minute summer	FC60	59.000	J48	0.8	0.842	0.067	0.0062
360 minute summer	FC61	60.000	J49	0.8	0.676	0.091	0.0086
360 minute summer	FC62	63.000	J52	0.8	0.630	0.108	0.0123
360 minute summer	FC63	65.000	S26	0.7	0.490	0.122	0.0036
360 minute summer	FC64	66.000	J54	0.8	0.350	0.142	0.0055

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Results for 100 year +45% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	FC65	200	185.780	0.630	1.2	0.9634	0.0000	SURCHARGED
360 minute summer	FC66	200	185.631	0.631	1.2	0.9776	0.0000	SURCHARGED
360 minute summer	FC67	216	184.988	0.188	1.0	1.9422	0.0000	SURCHARGED
360 minute summer	FC68	200	185.078	0.528	1.0	0.6812	0.0000	SURCHARGED
360 minute summer	J1	184	188.248	0.048	3.3	0.0643	0.0000	OK
360 minute summer	J2	184	188.177	0.070	4.0	0.0797	0.0000	OK
360 minute summer	J3	184	188.109	0.063	4.8	0.0710	0.0000	OK
360 minute summer	J4	184	188.080	0.045	5.5	0.0514	0.0000	OK
360 minute summer	J5	184	187.951	0.041	6.2	0.0462	0.0000	OK
360 minute summer	J6	192	187.715	0.065	6.8	0.0739	0.0000	OK
360 minute summer	J7	192	187.679	0.079	7.6	0.0897	0.0000	OK
360 minute summer	J8	192	187.651	0.058	8.4	0.0651	0.0000	OK
360 minute summer	J9	192	187.354	0.079	9.1	0.0898	0.0000	OK
360 minute summer	J10	192	187.317	0.047	9.9	0.0529	0.0000	OK
360 minute summer	J11	192	187.190	0.069	10.7	0.0777	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	FC65	67.000	J55	0.8	0.390	0.042	0.0051
360 minute summer	FC66	68.000	S24	0.8	0.573	0.109	0.0029
360 minute summer	FC67	69.000	J56	0.4	0.419	0.071	0.0021
360 minute summer	FC68	70.000	J57	0.7	0.657	0.080	0.0025
360 minute summer	J1	1.001	J2	3.3	0.690	0.400	0.0240
360 minute summer	J2	1.002	J3	4.0	0.742	0.679	0.0056
360 minute summer	J3	1.003	J4	4.8	0.841	0.362	0.0112
360 minute summer	J4	1.004	J5	5.4	1.302	0.162	0.0148
360 minute summer	J5	1.005	J6	6.2	1.115	0.162	0.0318
360 minute summer	J6	1.006	J7	6.8	0.819	0.241	0.0165
360 minute summer	J7	1.007	J8	7.6	0.967	0.543	0.0088
360 minute summer	J8	1.008	J9	8.4	1.404	0.277	0.0504
360 minute summer	J9	1.009	J10	9.1	0.998	0.272	0.0111
360 minute summer	J10	1.010	J11	9.9	1.235	0.077	0.0198
360 minute summer	J11	1.011	S2	10.7	0.713	0.166	0.0808

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Results for 100 year +45% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J12	192	186.886	0.076	14.4	0.0865	0.0000	OK
360 minute summer	J13	192	186.840	0.138	14.8	0.1557	0.0000	OK
360 minute summer	J14	192	186.825	0.130	15.5	0.1468	0.0000	OK
360 minute summer	J15	192	186.804	0.116	16.3	0.1311	0.0000	OK
360 minute summer	J16	192	186.766	0.096	17.0	0.1081	0.0000	OK
360 minute summer	J17	368	186.452	0.094	17.7	0.1065	0.0000	OK
360 minute summer	J18	376	186.452	0.258	20.6	0.2922	0.0000	SURCHARGED
360 minute summer	J19	368	186.451	0.424	21.4	0.4799	0.0000	SURCHARGED
360 minute summer	J20	376	186.452	0.521	1.1	0.5888	0.0000	SURCHARGED
360 minute summer	J21	376	186.451	0.556	1.9	0.6289	0.0000	SURCHARGED
360 minute summer	J22	368	186.451	0.633	2.7	0.7156	0.0000	SURCHARGED
360 minute summer	J23	368	186.451	0.668	3.0	0.7551	0.0000	SURCHARGED
360 minute summer	J24	368	186.450	0.800	5.8	0.9051	0.0000	SURCHARGED
360 minute summer	J25	376	186.451	0.836	6.3	0.9457	0.0000	SURCHARGED
360 minute summer	J26	368	186.450	0.863	6.7	0.9762	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J12	1.013	J13	14.4	0.775	0.215	0.1207
360 minute summer	J13	1.014	J14	14.8	0.603	0.472	0.0466
360 minute summer	J14	1.015	J15	15.5	0.701	0.498	0.0425
360 minute summer	J15	1.016	J16	16.3	0.888	0.531	0.0939
360 minute summer	J16	1.017	J17	17.0	1.175	0.282	0.0486
360 minute summer	J17	1.018	S3	17.7	1.124	0.122	0.0523
360 minute summer	J18	1.020	J19	20.6	1.911	0.158	0.0592
360 minute summer	J19	1.021	S4	21.4	0.802	0.387	0.3096
360 minute summer	J20	23.002	J21	1.1	0.452	0.192	0.0295
360 minute summer	J21	23.003	J22	1.9	0.534	0.318	0.0627
360 minute summer	J22	23.004	J23	2.7	0.623	0.445	0.0281
360 minute summer	J23	23.005	S18	2.8	0.720	0.472	0.0587
360 minute summer	J24	23.007	J25	5.5	0.579	0.415	0.1088
360 minute summer	J25	23.008	J26	5.9	0.602	0.446	0.0874
360 minute summer	J26	23.009	S19	6.4	0.703	0.481	0.0652

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Results for 100 year +45% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J27	376	186.451	0.990	10.4	1.1191	0.0000	SURCHARGED
360 minute summer	J28	184	186.416	0.059	3.6	0.0673	0.0000	OK
360 minute summer	J29	184	186.339	0.068	4.3	0.0773	0.0000	OK
360 minute summer	J30	192	186.225	0.078	5.7	0.0879	0.0000	OK
360 minute summer	J31	192	186.198	0.079	6.5	0.0895	0.0000	OK
360 minute summer	J32	192	186.144	0.080	7.3	0.0907	0.0000	OK
360 minute summer	J33	184	185.664	0.054	9.9	0.0612	0.0000	OK
360 minute summer	J34	184	185.217	0.092	12.9	0.1041	0.0000	OK
360 minute summer	J35	184	185.137	0.061	13.5	0.0695	0.0000	OK
360 minute summer	J36	184	184.976	0.101	14.2	0.1147	0.0000	OK
360 minute summer	J37	184	184.683	0.108	16.7	0.1224	0.0000	OK
360 minute summer	J38	184	184.515	0.140	18.4	0.1586	0.0000	OK
360 minute summer	J39	184	184.475	0.136	19.1	0.1544	0.0000	OK
360 minute summer	J40	184	184.442	0.117	20.0	0.1320	0.0000	OK
360 minute summer	J41	184	184.631	0.034	1.4	0.0384	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J27	23.011	S4	9.1	0.643	0.304	0.0951
360 minute summer	J28	32.001	J29	3.6	0.683	0.609	0.0466
360 minute summer	J29	32.002	S12	4.2	0.781	0.712	0.0252
360 minute summer	J30	32.004	J31	5.7	0.612	0.428	0.0463
360 minute summer	J31	32.005	J32	6.5	0.681	0.487	0.0925
360 minute summer	J32	32.006	S13	7.3	0.927	0.547	0.0417
360 minute summer	J33	32.008	S14	9.9	1.044	0.278	0.0866
360 minute summer	J34	32.010	J35	12.8	1.076	0.333	0.1084
360 minute summer	J35	32.011	J36	13.5	1.041	0.151	0.0897
360 minute summer	J36	32.012	S15	13.3	1.033	0.445	0.0314
360 minute summer	J37	32.014	S16	16.7	1.195	0.548	0.0731
360 minute summer	J38	32.016	J39	18.3	0.715	0.606	0.2769
360 minute summer	J39	32.017	J40	19.0	0.829	0.617	0.0840
360 minute summer	J40	32.018	S10	19.9	1.015	0.462	0.1879
360 minute summer	J41	48.002	J42	1.4	0.512	0.233	0.0168

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Results for 100 year +45% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J42	184	184.578	0.041	2.1	0.0469	0.0000	OK
360 minute summer	J43	192	184.429	0.069	4.1	0.0779	0.0000	OK
360 minute summer	J44	192	184.416	0.066	4.9	0.0750	0.0000	OK
360 minute summer	J45	192	184.395	0.095	5.7	0.1079	0.0000	OK
360 minute summer	J46	392	184.390	0.118	8.0	0.1331	0.0000	OK
360 minute summer	J47	432	184.397	0.149	8.7	0.1688	0.0000	OK
360 minute summer	J48	448	184.396	0.242	11.9	0.2737	0.0000	SURCHARGED
360 minute summer	J49	448	184.425	0.296	16.5	0.3343	0.0000	SURCHARGED
360 minute summer	J50	480	184.389	0.264	76.3	0.2986	0.0000	SURCHARGED
360 minute summer	J51	448	184.421	0.313	24.3	0.3541	0.0000	SURCHARGED
360 minute summer	J52	416	184.399	0.295	69.0	0.3337	0.0000	SURCHARGED
360 minute summer	J53	408	184.386	0.299	14.6	0.3382	0.0000	SURCHARGED
360 minute summer	J54	192	185.022	0.043	1.9	0.0491	0.0000	OK
360 minute summer	J55	192	184.994	0.050	2.7	0.0568	0.0000	OK
360 minute summer	J56	392	184.386	0.419	21.9	0.4735	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J42	48.003	S21	2.1	0.546	0.360	0.0318
360 minute summer	J43	48.005	J44	4.1	0.537	0.293	0.0124
360 minute summer	J44	48.006	J45	4.9	0.508	0.366	0.0848
360 minute summer	J45	48.007	S22	5.7	0.477	0.419	0.0291
360 minute summer	J46	48.009	J47	8.0	0.644	0.599	0.0673
360 minute summer	J47	48.010	S23	8.7	0.763	0.654	0.0465
360 minute summer	J48	48.012	J49	-11.9	0.481	-0.397	0.2962
360 minute summer	J49	48.013	J50	50.3	1.266	1.642	0.0451
360 minute summer	J50	48.014	J51	-26.0	-0.653	-0.869	0.2018
360 minute summer	J51	48.015	J52	54.2	1.362	1.768	0.0451
360 minute summer	J52	48.016	J53	-14.8	0.655	-0.485	0.1938
360 minute summer	J53	48.017	S24	14.7	0.783	0.486	0.4079
360 minute summer	J54	65.002	J55	1.9	0.538	0.327	0.0131
360 minute summer	J55	65.003	S24	2.7	0.716	0.462	0.0299
360 minute summer	J56	48.019	J57	21.9	0.631	0.403	0.6398

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Results for 100 year +45% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	J57	376	184.383	0.438	22.6	0.4954	0.0000	SURCHARGED
360 minute summer	BASIN 1	368	186.450	1.450	30.5	208.4791	0.0000	SURCHARGED
360 minute summer	BASIN 2	600	184.716	0.416	1.7	40.4008	0.0000	OK
360 minute summer	BASIN 3	408	183.316	0.216	22.5	152.2202	0.0000	OK
360 minute summer	BASIN 4	384	184.381	1.051	22.6	159.8432	0.0000	SURCHARGED
360 minute summer	SWALE 1	376	184.969	0.036	1.7	0.0413	0.0000	OK
360 minute summer	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
360 minute summer	SWALE 3	184	184.190	0.120	22.7	0.1357	0.0000	OK
360 minute summer	BH1	600	184.716	0.639	0.7	2.6545	0.0000	OK
360 minute summer	BH2	392	183.316	0.264	1.4	2.9169	0.0000	OK
360 minute summer	BH3	384	184.382	1.076	1.8	6.6238	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	J57	48.020	S25	22.6	0.695	0.419	0.5574
360 minute summer	BASIN 1	1.023	S5	1.7	0.175	0.032	0.6013
360 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
360 minute summer	BASIN 2	71.000	BH1	0.7	0.428	0.113	0.1829
360 minute summer	BASIN 3	1.034	BH2	1.4	0.276	0.016	2.0069
360 minute summer	BASIN 4	48.022	BH3	1.8	0.482	0.033	0.7181
360 minute summer	SWALE 1	1.025	S6	1.7	0.345	0.032	0.1848
360 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
360 minute summer	SWALE 3	1.033	BASIN 3	22.5	0.885	0.325	1.0998
360 minute summer	BH1	Infiltration		0.1			
360 minute summer	BH2	Infiltration		0.2			
360 minute summer	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S1	184	188.393	0.023	1.0	0.0309	0.0000	OK
360 minute winter	S2	192	187.144	0.105	12.1	0.1550	0.0000	OK
360 minute winter	S3	360	186.596	0.384	17.5	0.4993	0.0000	SURCHARGED
360 minute winter	S4	392	186.608	1.230	26.9	1.4616	0.0000	SURCHARGED
360 minute winter	S5	360	186.596	1.616	1.8	1.8276	0.0000	SURCHARGED
360 minute winter	S6	368	184.882	0.038	1.8	0.0426	0.0000	OK
360 minute winter	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
360 minute winter	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
360 minute winter	S9	192	184.261	0.061	0.0	0.0693	0.0000	OK
360 minute winter	S10	192	184.261	0.077	19.1	0.1179	0.0000	OK
360 minute winter	S11	184	186.446	0.046	2.2	0.0747	0.0000	OK
360 minute winter	S12	192	186.240	0.064	4.1	0.0721	0.0000	OK
360 minute winter	S13	192	186.086	0.052	7.8	0.0743	0.0000	OK
360 minute winter	S14	192	185.344	0.094	10.5	0.1470	0.0000	OK
360 minute winter	S15	192	184.925	0.058	13.7	0.0807	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	S1	1.000	J1	1.0	0.459	0.114	0.0181
360 minute winter	S2	1.012	J12	12.1	0.730	0.404	0.0247
360 minute winter	S3	1.019	J18	17.5	1.107	0.572	0.2040
360 minute winter	S4	1.022	BASIN 1	26.7	1.443	0.160	1.1778
360 minute winter	S5	1.024	SWALE 1	1.8	0.350	0.033	0.1029
360 minute winter	S6	1.026	BASIN 2	1.8	0.401	0.033	0.0255
360 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
360 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0620
360 minute winter	S9	1.031	S10	0.0	-0.042	-0.001	0.0824
360 minute winter	S10	1.032	SWALE 3	19.1	1.022	0.106	0.0820
360 minute winter	S11	32.000	J28	2.2	0.591	0.369	0.0169
360 minute winter	S12	32.003	J30	4.1	0.540	0.306	0.0387
360 minute winter	S13	32.007	J33	7.8	1.463	0.241	0.0689
360 minute winter	S14	32.009	J34	10.5	0.965	0.603	0.0568
360 minute winter	S15	32.013	J37	13.4	1.090	0.146	0.1164

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Results for 100 year +45% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S16	192	184.614	0.057	14.9	0.0716	0.0000	OK
360 minute winter	S17	360	186.596	0.596	0.4	0.6737	0.0000	SURCHARGED
360 minute winter	S18	368	186.596	0.935	4.4	1.3217	0.0000	SURCHARGED
360 minute winter	S19	360	186.596	1.105	7.2	1.5137	0.0000	SURCHARGED
360 minute winter	S20	208	184.674	0.032	1.2	0.0391	0.0000	OK
360 minute winter	S21	544	184.537	0.078	3.0	0.0926	0.0000	OK
360 minute winter	S22	432	184.526	0.240	6.6	0.2931	0.0000	SURCHARGED
360 minute winter	S23	520	184.554	0.396	68.7	0.4679	0.0000	SURCHARGED
360 minute winter	S24	432	184.527	0.550	19.1	0.7980	0.0000	SURCHARGED
360 minute winter	S25	392	184.510	0.584	20.2	0.6608	0.0000	SURCHARGED
360 minute winter	S26	200	185.400	0.023	0.9	0.0272	0.0000	OK
360 minute winter	FC1	200	188.825	0.575	0.9	0.7657	0.0000	SURCHARGED
360 minute winter	FC2	200	188.726	0.576	0.9	0.7663	0.0000	SURCHARGED
360 minute winter	FC3	232	188.892	0.692	1.4	2.7420	0.0000	SURCHARGED
360 minute winter	FC4	200	188.607	0.407	0.7	0.5255	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	S16	32.015	J38	14.9	0.986	0.102	0.0355
360 minute winter	S17	23.001	J20	0.4	0.291	0.065	0.0560
360 minute winter	S18	23.006	J24	4.0	0.523	0.293	0.0323
360 minute winter	S19	23.010	J27	7.0	0.512	0.232	0.3541
360 minute winter	S20	48.001	J41	1.2	0.568	0.202	0.0098
360 minute winter	S21	48.004	J43	3.0	0.725	0.508	0.0367
360 minute winter	S22	48.008	J46	6.6	0.572	0.493	0.0428
360 minute winter	S23	48.011	J48	67.6	1.699	2.192	0.0447
360 minute winter	S24	48.018	J56	19.1	0.579	0.358	0.2989
360 minute winter	S25	48.021	BASIN 4	20.2	0.788	0.365	0.2248
360 minute winter	S26	65.001	J54	0.9	0.715	0.106	0.0111
360 minute winter	FC1	2.000	J1	0.8	0.395	0.121	0.0105
360 minute winter	FC2	3.000	J2	0.8	0.256	0.126	0.0149
360 minute winter	FC3	4.000	J3	0.8	0.553	0.130	0.0140
360 minute winter	FC4	5.000	J4	0.6	0.578	0.083	0.0080

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Results for 100 year +45% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC5	200	188.577	0.577	0.9	0.7675	0.0000	SURCHARGED
360 minute winter	FC6	200	188.256	0.406	0.7	0.5240	0.0000	SURCHARGED
360 minute winter	FC7	200	188.157	0.407	0.7	0.5259	0.0000	SURCHARGED
360 minute winter	FC8	200	188.322	0.572	0.9	0.7609	0.0000	SURCHARGED
360 minute winter	FC9	200	187.879	0.409	0.7	0.5286	0.0000	SURCHARGED
360 minute winter	FC10	224	188.134	0.664	1.2	1.8194	0.0000	SURCHARGED
360 minute winter	FC11	200	187.836	0.516	0.8	0.6763	0.0000	SURCHARGED
360 minute winter	FC12	200	187.746	0.516	0.8	0.6763	0.0000	SURCHARGED
360 minute winter	FC13	200	187.576	0.576	0.9	0.7671	0.0000	SURCHARGED
360 minute winter	FC14	232	187.123	0.223	0.9	2.8528	0.0000	SURCHARGED
360 minute winter	FC15	200	187.601	0.401	0.7	0.5178	0.0000	SURCHARGED
360 minute winter	FC16	200	187.309	0.409	0.7	0.5274	0.0000	SURCHARGED
360 minute winter	FC17	200	187.403	0.403	0.7	0.5205	0.0000	SURCHARGED
360 minute winter	FC18	200	186.960	0.410	0.7	0.5287	0.0000	SURCHARGED
360 minute winter	FC19	200	186.976	0.576	0.9	0.7672	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC5	6.000	J5	0.8	0.504	0.127	0.0062
360 minute winter	FC6	7.000	J6	0.6	0.635	0.073	0.0073
360 minute winter	FC7	8.000	J7	0.6	0.531	0.089	0.0094
360 minute winter	FC8	9.000	J8	0.8	0.716	0.077	0.0044
360 minute winter	FC9	10.000	J9	0.6	0.487	0.106	0.0093
360 minute winter	FC10	11.000	J10	0.8	0.562	0.122	0.0090
360 minute winter	FC11	12.000	J11	0.7	0.501	0.120	0.0110
360 minute winter	FC12	13.000	S2	0.7	0.500	0.120	0.0098
360 minute winter	FC13	14.000	J12	0.8	0.510	0.127	0.0101
360 minute winter	FC14	15.000	J13	0.5	0.443	0.077	0.0078
360 minute winter	FC15	16.000	J14	0.6	1.031	0.036	0.0029
360 minute winter	FC16	17.000	J15	0.6	0.517	0.097	0.0093
360 minute winter	FC17	18.000	J16	0.6	0.819	0.050	0.0037
360 minute winter	FC18	19.000	J17	0.6	0.484	0.107	0.0398
360 minute winter	FC19	20.000	S3	0.8	0.507	0.127	0.0517

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Results for 100 year +45% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC20	200	187.518	0.568	0.9	0.7558	0.0000	SURCHARGED
360 minute winter	FC21	200	186.876	0.576	0.9	0.7671	0.0000	SURCHARGED
360 minute winter	FC22	232	186.641	0.191	0.7	1.8611	0.0000	SURCHARGED
360 minute winter	FC23	200	186.709	0.409	0.7	0.5281	0.0000	SURCHARGED
360 minute winter	FC24	200	186.874	0.574	0.9	0.7642	0.0000	SURCHARGED
360 minute winter	FC25	200	187.118	0.568	0.9	0.7559	0.0000	SURCHARGED
360 minute winter	FC26	232	186.638	0.188	0.7	1.9016	0.0000	SURCHARGED
360 minute winter	FC27	200	186.901	0.401	0.7	0.5175	0.0000	SURCHARGED
360 minute winter	FC28	200	187.068	0.568	0.9	0.7559	0.0000	SURCHARGED
360 minute winter	FC29	208	187.127	0.627	1.0	0.9604	0.0000	SURCHARGED
360 minute winter	FC30	200	187.319	0.569	0.9	0.7567	0.0000	SURCHARGED
360 minute winter	FC31	200	186.855	0.405	0.7	0.5232	0.0000	SURCHARGED
360 minute winter	FC32	200	186.853	0.403	0.7	0.5200	0.0000	SURCHARGED
360 minute winter	FC33	200	187.019	0.569	0.9	0.7570	0.0000	SURCHARGED
360 minute winter	FC34	200	187.026	0.576	0.9	0.7667	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC20	21.000	J18	0.8	1.024	0.047	0.0032
360 minute winter	FC21	22.000	J19	0.8	0.509	0.127	0.0599
360 minute winter	FC22	23.000	S17	0.4	0.604	0.023	0.0373
360 minute winter	FC23	24.000	J20	0.6	0.503	0.100	0.0359
360 minute winter	FC24	25.000	J21	0.8	0.594	0.101	0.0363
360 minute winter	FC25	26.000	J22	0.8	1.016	0.047	0.0268
360 minute winter	FC26	27.000	J23	0.4	0.758	0.032	0.0361
360 minute winter	FC27	28.000	J24	0.6	1.063	0.035	0.0350
360 minute winter	FC28	29.000	J25	0.8	1.022	0.047	0.0338
360 minute winter	FC29	30.000	J26	0.8	1.009	0.051	0.0367
360 minute winter	FC30	31.000	J27	0.8	0.953	0.052	0.0172
360 minute winter	FC31	33.000	J28	0.6	0.308	0.070	0.0103
360 minute winter	FC32	34.000	J29	0.6	0.266	0.050	0.0114
360 minute winter	FC33	35.000	S12	0.8	0.937	0.053	0.0033
360 minute winter	FC34	36.000	J30	0.8	0.521	0.121	0.0069

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Results for 100 year +45% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC35	200	187.018	0.568	0.9	0.7565	0.0000	SURCHARGED
360 minute winter	FC36	208	187.077	0.627	1.0	0.9597	0.0000	SURCHARGED
360 minute winter	FC37	224	186.457	0.657	1.1	1.5727	0.0000	SURCHARGED
360 minute winter	FC38	232	185.622	0.172	0.7	2.0633	0.0000	SURCHARGED
360 minute winter	FC39	200	185.852	0.402	0.7	0.5193	0.0000	SURCHARGED
360 minute winter	FC40	200	186.067	0.567	0.9	0.7544	0.0000	SURCHARGED
360 minute winter	FC41	200	185.421	0.571	0.9	0.7599	0.0000	SURCHARGED
360 minute winter	FC42	200	185.173	0.573	0.9	0.7622	0.0000	SURCHARGED
360 minute winter	FC43	200	185.171	0.571	0.9	0.7597	0.0000	SURCHARGED
360 minute winter	FC44	184	184.618	0.018	0.7	0.0226	0.0000	OK
360 minute winter	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
360 minute winter	FC46	224	185.364	0.664	1.2	1.8221	0.0000	SURCHARGED
360 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
360 minute winter	FC48	200	185.368	0.568	0.9	0.7566	0.0000	SURCHARGED
360 minute winter	FC49	200	185.377	0.577	0.9	0.7675	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC35	37.000	J31	0.8	0.918	0.053	0.0053
360 minute winter	FC36	38.000	J32	0.8	1.000	0.050	0.0055
360 minute winter	FC37	39.000	J33	0.8	0.691	0.091	0.0077
360 minute winter	FC38	40.000	J34	0.4	0.718	0.032	0.0026
360 minute winter	FC39	41.000	J35	0.6	0.904	0.044	0.0031
360 minute winter	FC40	42.000	J36	0.8	1.163	0.039	0.0033
360 minute winter	FC41	43.000	J37	0.8	0.759	0.072	0.0050
360 minute winter	FC42	44.000	J38	0.8	0.661	0.087	0.0056
360 minute winter	FC43	45.000	J39	0.8	0.772	0.069	0.0042
360 minute winter	FC44	46.000	J40	0.7	0.779	0.062	0.0039
360 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
360 minute winter	FC46	48.000	S20	0.8	0.482	0.136	0.0111
360 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0055
360 minute winter	FC48	50.000	J42	0.8	0.431	0.054	0.0092
360 minute winter	FC49	51.000	S21	0.8	0.505	0.127	0.0065

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Results for 100 year +45% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC50	200	185.377	0.577	0.9	0.7674	0.0000	SURCHARGED
360 minute winter	FC51	200	185.426	0.576	0.9	0.7672	0.0000	SURCHARGED
360 minute winter	FC52	216	185.890	0.640	1.0	1.2456	0.0000	SURCHARGED
360 minute winter	FC53	200	185.822	0.572	0.9	0.7614	0.0000	SURCHARGED
360 minute winter	FC54	200	185.654	0.404	0.7	0.5220	0.0000	SURCHARGED
360 minute winter	FC55	200	185.652	0.402	0.7	0.5190	0.0000	SURCHARGED
360 minute winter	FC56	200	185.918	0.568	0.9	0.7560	0.0000	SURCHARGED
360 minute winter	FC57	200	185.919	0.569	0.9	0.7568	0.0000	SURCHARGED
360 minute winter	FC58	200	185.753	0.403	0.7	0.5198	0.0000	SURCHARGED
360 minute winter	FC59	200	185.753	0.403	0.7	0.5208	0.0000	SURCHARGED
360 minute winter	FC60	200	185.920	0.570	0.9	0.7585	0.0000	SURCHARGED
360 minute winter	FC61	200	185.873	0.572	0.9	0.7620	0.0000	SURCHARGED
360 minute winter	FC62	232	185.932	0.682	1.3	2.3184	0.0000	SURCHARGED
360 minute winter	FC63	200	185.810	0.410	0.7	0.5296	0.0000	SURCHARGED
360 minute winter	FC64	200	185.577	0.577	0.9	0.7675	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC50	52.000	J43	0.8	0.505	0.127	0.0070
360 minute winter	FC51	55.000	S22	0.8	0.508	0.127	0.0091
360 minute winter	FC52	58.000	S23	0.8	0.751	0.079	0.0058
360 minute winter	FC53	61.000	J50	0.8	0.694	0.081	0.0046
360 minute winter	FC54	62.000	J51	0.6	0.732	0.058	0.0034
360 minute winter	FC55	64.000	J53	0.6	0.924	0.042	0.0028
360 minute winter	FC56	53.000	J44	0.8	1.005	0.048	0.0049
360 minute winter	FC57	54.000	J45	0.8	0.942	0.053	0.0052
360 minute winter	FC58	56.000	J46	0.6	0.861	0.047	0.0045
360 minute winter	FC59	57.000	J47	0.6	0.798	0.052	0.0051
360 minute winter	FC60	59.000	J48	0.8	0.830	0.063	0.0060
360 minute winter	FC61	60.000	J49	0.8	0.666	0.087	0.0083
360 minute winter	FC62	63.000	J52	0.8	0.629	0.107	0.0123
360 minute winter	FC63	65.000	S26	0.6	0.468	0.106	0.0033
360 minute winter	FC64	66.000	J54	0.8	0.346	0.127	0.0049

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Results for 100 year +45% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	FC65	200	185.717	0.567	0.9	0.7543	0.0000	SURCHARGED
360 minute winter	FC66	200	185.575	0.575	0.9	0.7655	0.0000	SURCHARGED
360 minute winter	FC67	232	184.990	0.190	0.7	1.9559	0.0000	SURCHARGED
360 minute winter	FC68	200	184.956	0.406	0.7	0.5244	0.0000	SURCHARGED
360 minute winter	J1	184	188.241	0.041	2.7	0.0560	0.0000	OK
360 minute winter	J2	184	188.169	0.063	3.4	0.0710	0.0000	OK
360 minute winter	J3	184	188.104	0.058	4.2	0.0658	0.0000	OK
360 minute winter	J4	184	188.077	0.042	4.8	0.0476	0.0000	OK
360 minute winter	J5	200	187.949	0.038	5.5	0.0435	0.0000	OK
360 minute winter	J6	200	187.711	0.061	6.1	0.0684	0.0000	OK
360 minute winter	J7	200	187.674	0.074	6.7	0.0842	0.0000	OK
360 minute winter	J8	200	187.647	0.054	7.5	0.0612	0.0000	OK
360 minute winter	J9	200	187.350	0.075	8.1	0.0847	0.0000	OK
360 minute winter	J10	200	187.314	0.044	8.9	0.0498	0.0000	OK
360 minute winter	J11	200	187.186	0.065	9.6	0.0732	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	FC65	67.000	J55	0.8	0.381	0.040	0.0047
360 minute winter	FC66	68.000	S24	0.8	0.566	0.104	0.0028
360 minute winter	FC67	69.000	J56	0.4	0.419	0.071	0.0021
360 minute winter	FC68	70.000	J57	0.6	0.633	0.070	0.0023
360 minute winter	J1	1.001	J2	2.7	0.652	0.324	0.0207
360 minute winter	J2	1.002	J3	3.4	0.712	0.571	0.0049
360 minute winter	J3	1.003	J4	4.2	0.809	0.314	0.0101
360 minute winter	J4	1.004	J5	4.8	1.255	0.142	0.0134
360 minute winter	J5	1.005	J6	5.5	1.089	0.144	0.0290
360 minute winter	J6	1.006	J7	6.1	0.797	0.215	0.0151
360 minute winter	J7	1.007	J8	6.7	0.936	0.484	0.0082
360 minute winter	J8	1.008	J9	7.5	1.365	0.248	0.0465
360 minute winter	J9	1.009	J10	8.1	0.971	0.244	0.0102
360 minute winter	J10	1.010	J11	8.9	1.211	0.069	0.0182
360 minute winter	J11	1.011	S2	9.6	0.703	0.150	0.0742

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Results for 100 year +45% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J12	192	186.880	0.071	12.8	0.0802	0.0000	OK
360 minute winter	J13	200	186.830	0.128	13.2	0.1449	0.0000	OK
360 minute winter	J14	200	186.816	0.121	13.8	0.1369	0.0000	OK
360 minute winter	J15	200	186.796	0.108	14.5	0.1224	0.0000	OK
360 minute winter	J16	200	186.759	0.089	15.1	0.1010	0.0000	OK
360 minute winter	J17	376	186.597	0.239	17.3	0.2701	0.0000	SURCHARGED
360 minute winter	J18	392	186.609	0.415	18.2	0.4688	0.0000	SURCHARGED
360 minute winter	J19	360	186.596	0.569	23.4	0.6434	0.0000	SURCHARGED
360 minute winter	J20	360	186.596	0.665	1.0	0.7517	0.0000	SURCHARGED
360 minute winter	J21	360	186.596	0.701	1.7	0.7924	0.0000	SURCHARGED
360 minute winter	J22	368	186.596	0.778	2.4	0.8800	0.0000	SURCHARGED
360 minute winter	J23	368	186.596	0.813	2.5	0.9197	0.0000	SURCHARGED
360 minute winter	J24	368	186.596	0.946	4.6	1.0704	0.0000	SURCHARGED
360 minute winter	J25	360	186.596	0.981	5.1	1.1093	0.0000	SURCHARGED
360 minute winter	J26	360	186.596	1.009	5.6	1.1410	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J12	1.013	J13	12.8	0.756	0.191	0.1101
360 minute winter	J13	1.014	J14	13.2	0.586	0.421	0.0428
360 minute winter	J14	1.015	J15	13.8	0.681	0.443	0.0389
360 minute winter	J15	1.016	J16	14.5	0.864	0.473	0.0860
360 minute winter	J16	1.017	J17	15.1	1.141	0.251	0.0445
360 minute winter	J17	1.018	S3	15.7	1.104	0.108	0.0750
360 minute winter	J18	1.020	J19	22.7	1.864	0.175	0.0592
360 minute winter	J19	1.021	S4	19.0	0.773	0.344	0.3096
360 minute winter	J20	23.002	J21	1.0	0.437	0.166	0.0295
360 minute winter	J21	23.003	J22	1.7	0.515	0.279	0.0627
360 minute winter	J22	23.004	J23	2.2	0.614	0.369	0.0281
360 minute winter	J23	23.005	S18	2.6	0.690	0.437	0.0587
360 minute winter	J24	23.007	J25	4.5	0.554	0.339	0.1088
360 minute winter	J25	23.008	J26	5.0	0.575	0.375	0.0874
360 minute winter	J26	23.009	S19	5.4	0.670	0.404	0.0652

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Results for 100 year +45% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J27	360	186.596	1.135	7.7	1.2836	0.0000	SURCHARGED
360 minute winter	J28	184	186.406	0.050	2.8	0.0569	0.0000	OK
360 minute winter	J29	184	186.330	0.059	3.4	0.0662	0.0000	OK
360 minute winter	J30	192	186.217	0.070	4.8	0.0794	0.0000	OK
360 minute winter	J31	192	186.191	0.072	5.6	0.0815	0.0000	OK
360 minute winter	J32	192	186.138	0.074	6.4	0.0839	0.0000	OK
360 minute winter	J33	192	185.660	0.050	8.6	0.0567	0.0000	OK
360 minute winter	J34	192	185.209	0.084	10.8	0.0950	0.0000	OK
360 minute winter	J35	192	185.131	0.056	11.4	0.0630	0.0000	OK
360 minute winter	J36	192	184.969	0.094	12.2	0.1064	0.0000	OK
360 minute winter	J37	192	184.674	0.099	14.2	0.1124	0.0000	OK
360 minute winter	J38	192	184.501	0.126	15.7	0.1430	0.0000	OK
360 minute winter	J39	192	184.462	0.124	16.4	0.1404	0.0000	OK
360 minute winter	J40	192	184.431	0.106	17.1	0.1203	0.0000	OK
360 minute winter	J41	208	184.628	0.031	1.2	0.0353	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J27	23.011	S4	10.8	0.594	0.360	0.0951
360 minute winter	J28	32.001	J29	2.8	0.639	0.470	0.0384
360 minute winter	J29	32.002	S12	3.4	0.744	0.567	0.0211
360 minute winter	J30	32.004	J31	4.8	0.587	0.364	0.0409
360 minute winter	J31	32.005	J32	5.6	0.653	0.419	0.0831
360 minute winter	J32	32.006	S13	6.4	0.901	0.478	0.0374
360 minute winter	J33	32.008	S14	8.6	1.030	0.240	0.0759
360 minute winter	J34	32.010	J35	10.8	1.032	0.281	0.0954
360 minute winter	J35	32.011	J36	11.4	0.997	0.129	0.0802
360 minute winter	J36	32.012	S15	12.4	1.067	0.413	0.0281
360 minute winter	J37	32.014	S16	14.2	1.166	0.468	0.0640
360 minute winter	J38	32.016	J39	15.7	0.690	0.519	0.2456
360 minute winter	J39	32.017	J40	16.4	0.802	0.532	0.0748
360 minute winter	J40	32.018	S10	17.1	0.978	0.397	0.1673
360 minute winter	J41	48.002	J42	1.2	0.490	0.203	0.0155

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Results for 100 year +45% CC 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J42	208	184.577	0.040	2.0	0.0450	0.0000	OK
360 minute winter	J43	544	184.537	0.177	3.8	0.1999	0.0000	SURCHARGED
360 minute winter	J44	544	184.535	0.185	4.5	0.2091	0.0000	SURCHARGED
360 minute winter	J45	544	184.531	0.231	5.3	0.2611	0.0000	SURCHARGED
360 minute winter	J46	520	184.521	0.249	7.2	0.2820	0.0000	SURCHARGED
360 minute winter	J47	520	184.535	0.287	7.9	0.3243	0.0000	SURCHARGED
360 minute winter	J48	584	184.579	0.425	87.2	0.4802	0.0000	SURCHARGED
360 minute winter	J49	584	184.596	0.467	12.2	0.5280	0.0000	SURCHARGED
360 minute winter	J50	392	184.559	0.434	83.1	0.4913	0.0000	SURCHARGED
360 minute winter	J51	448	184.526	0.418	80.4	0.4731	0.0000	SURCHARGED
360 minute winter	J52	520	184.599	0.495	116.7	0.5600	0.0000	SURCHARGED
360 minute winter	J53	392	184.526	0.439	13.4	0.4963	0.0000	SURCHARGED
360 minute winter	J54	200	185.019	0.040	1.7	0.0450	0.0000	OK
360 minute winter	J55	200	184.991	0.047	2.4	0.0530	0.0000	OK
360 minute winter	J56	432	184.527	0.560	19.5	0.6332	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J42	48.003	S21	2.0	0.541	0.332	0.0296
360 minute winter	J43	48.005	J44	3.8	0.526	0.269	0.0283
360 minute winter	J44	48.006	J45	4.5	0.507	0.338	0.1545
360 minute winter	J45	48.007	S22	5.3	0.470	0.388	0.0419
360 minute winter	J46	48.009	J47	7.2	0.630	0.542	0.0742
360 minute winter	J47	48.010	S23	8.6	0.739	0.645	0.0465
360 minute winter	J48	48.012	J49	9.8	0.470	0.328	0.2962
360 minute winter	J49	48.013	J50	74.3	1.868	2.424	0.0451
360 minute winter	J50	48.014	J51	11.3	0.517	0.379	0.2018
360 minute winter	J51	48.015	J52	-80.1	-2.015	-2.614	0.0451
360 minute winter	J52	48.016	J53	13.4	0.642	0.440	0.1938
360 minute winter	J53	48.017	S24	13.4	0.763	0.444	0.4079
360 minute winter	J54	65.002	J55	1.7	0.516	0.284	0.0118
360 minute winter	J55	65.003	S24	2.4	0.696	0.412	0.0274
360 minute winter	J56	48.019	J57	19.5	0.614	0.360	0.6398

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Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	J57	392	184.518	0.573	20.2	0.6485	0.0000	SURCHARGED
360 minute winter	BASIN 1	360	186.596	1.596	26.7	235.2578	0.0000	SURCHARGED
360 minute winter	BASIN 2	600	184.740	0.440	1.8	42.9944	0.0000	OK
360 minute winter	BASIN 3	408	183.347	0.247	19.1	174.3861	0.0000	OK
360 minute winter	BASIN 4	384	184.507	1.177	20.2	182.8689	0.0000	SURCHARGED
360 minute winter	SWALE 1	360	184.969	0.037	1.8	0.0423	0.0000	OK
360 minute winter	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
360 minute winter	SWALE 3	192	184.180	0.110	19.1	0.1239	0.0000	OK
360 minute winter	BH1	600	184.740	0.663	0.7	2.7233	0.0000	OK
360 minute winter	BH2	384	183.347	0.295	1.5	3.0707	0.0000	OK
360 minute winter	BH3	384	184.511	1.205	2.2	7.2112	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute winter	J57	48.020	S25	20.2	0.673	0.374	0.5574
360 minute winter	BASIN 1	1.023	S5	1.8	0.103	0.033	0.6013
360 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
360 minute winter	BASIN 2	71.000	BH1	0.7	0.441	0.121	0.1829
360 minute winter	BASIN 3	1.034	BH2	1.5	0.298	0.017	2.2943
360 minute winter	BASIN 4	48.022	BH3	2.2	0.534	0.042	0.7181
360 minute winter	SWALE 1	1.025	S6	1.8	0.350	0.033	0.1910
360 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
360 minute winter	SWALE 3	1.033	BASIN 3	19.1	0.845	0.276	0.9776
360 minute winter	BH1	Infiltration		0.1			
360 minute winter	BH2	Infiltration		0.2			
360 minute winter	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S1	248	188.393	0.023	1.0	0.0309	0.0000	OK
480 minute summer	S2	248	187.146	0.107	12.4	0.1570	0.0000	OK
480 minute summer	S3	488	186.545	0.333	18.0	0.4335	0.0000	SURCHARGED
480 minute summer	S4	488	186.544	1.166	27.7	1.3855	0.0000	SURCHARGED
480 minute summer	S5	488	186.545	1.565	1.8	1.7702	0.0000	SURCHARGED
480 minute summer	S6	488	184.881	0.037	1.7	0.0423	0.0000	OK
480 minute summer	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
480 minute summer	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
480 minute summer	S9	248	184.264	0.064	0.0	0.0727	0.0000	OK
480 minute summer	S10	248	184.264	0.080	20.3	0.1225	0.0000	OK
480 minute summer	S11	248	186.448	0.048	2.4	0.0789	0.0000	OK
480 minute summer	S12	248	186.243	0.067	4.4	0.0754	0.0000	OK
480 minute summer	S13	248	186.088	0.054	8.2	0.0768	0.0000	OK
480 minute summer	S14	248	185.348	0.098	11.2	0.1539	0.0000	OK
480 minute summer	S15	248	184.927	0.060	14.0	0.0833	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	S1	1.000	J1	1.0	0.464	0.115	0.0183
480 minute summer	S2	1.012	J12	12.3	0.735	0.414	0.0251
480 minute summer	S3	1.019	J18	18.0	1.115	0.590	0.2040
480 minute summer	S4	1.022	BASIN 1	27.5	1.400	0.164	1.1778
480 minute summer	S5	1.024	SWALE 1	1.7	0.348	0.033	0.1017
480 minute summer	S6	1.026	BASIN 2	1.7	0.399	0.032	0.0252
480 minute summer	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
480 minute summer	S8	1.030	S9	0.0	0.000	0.000	0.0663
480 minute summer	S9	1.031	S10	0.0	-0.025	-0.001	0.0875
480 minute summer	S10	1.032	SWALE 3	20.3	1.035	0.113	0.0859
480 minute summer	S11	32.000	J28	2.4	0.607	0.404	0.0181
480 minute summer	S12	32.003	J30	4.4	0.549	0.330	0.0408
480 minute summer	S13	32.007	J33	8.2	1.488	0.255	0.0718
480 minute summer	S14	32.009	J34	11.2	0.979	0.645	0.0598
480 minute summer	S15	32.013	J37	14.3	1.115	0.155	0.1211

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Results for 100 year +45% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S16	248	184.616	0.059	15.8	0.0746	0.0000	OK
480 minute summer	S17	488	186.545	0.545	0.4	0.6164	0.0000	SURCHARGED
480 minute summer	S18	488	186.545	0.884	4.5	1.2491	0.0000	SURCHARGED
480 minute summer	S19	488	186.546	1.055	7.5	1.4448	0.0000	SURCHARGED
480 minute summer	S20	248	184.675	0.033	1.3	0.0406	0.0000	OK
480 minute summer	S21	248	184.515	0.056	3.2	0.0663	0.0000	OK
480 minute summer	S22	536	184.508	0.222	6.9	0.2714	0.0000	SURCHARGED
480 minute summer	S23	536	184.499	0.341	17.1	0.4028	0.0000	SURCHARGED
480 minute summer	S24	544	184.503	0.526	19.8	0.7640	0.0000	SURCHARGED
480 minute summer	S25	544	184.478	0.552	20.9	0.6243	0.0000	SURCHARGED
480 minute summer	S26	248	185.401	0.024	1.0	0.0288	0.0000	OK
480 minute summer	FC1	256	188.858	0.608	1.0	0.8094	0.0000	SURCHARGED
480 minute summer	FC2	256	188.759	0.608	1.0	0.8099	0.0000	SURCHARGED
480 minute summer	FC3	280	188.873	0.673	1.5	2.2738	0.0000	SURCHARGED
480 minute summer	FC4	256	188.655	0.455	0.8	0.5877	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	S16	32.015	J38	15.8	0.993	0.107	0.0372
480 minute summer	S17	23.001	J20	0.4	0.269	0.066	0.0560
480 minute summer	S18	23.006	J24	4.1	0.516	0.302	0.0323
480 minute summer	S19	23.010	J27	7.3	0.498	0.242	0.3541
480 minute summer	S20	48.001	J41	1.3	0.575	0.217	0.0104
480 minute summer	S21	48.004	J43	3.2	0.733	0.533	0.0244
480 minute summer	S22	48.008	J46	6.9	0.577	0.513	0.0428
480 minute summer	S23	48.011	J48	21.6	0.543	0.701	0.0447
480 minute summer	S24	48.018	J56	19.8	0.585	0.370	0.2989
480 minute summer	S25	48.021	BASIN 4	20.9	0.797	0.378	0.2248
480 minute summer	S26	65.001	J54	1.0	0.737	0.118	0.0120
480 minute summer	FC1	2.000	J1	0.8	0.396	0.125	0.0107
480 minute summer	FC2	3.000	J2	0.8	0.254	0.130	0.0152
480 minute summer	FC3	4.000	J3	0.8	0.551	0.128	0.0139
480 minute summer	FC4	5.000	J4	0.7	0.587	0.088	0.0083

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Results for 100 year +45% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC5	256	188.609	0.609	1.0	0.8110	0.0000	SURCHARGED
480 minute summer	FC6	256	188.304	0.454	0.8	0.5863	0.0000	SURCHARGED
480 minute summer	FC7	256	188.206	0.456	0.8	0.5882	0.0000	SURCHARGED
480 minute summer	FC8	256	188.355	0.605	1.0	0.8047	0.0000	SURCHARGED
480 minute summer	FC9	256	187.928	0.458	0.8	0.5907	0.0000	SURCHARGED
480 minute summer	FC10	272	188.130	0.660	1.3	1.7405	0.0000	SURCHARGED
480 minute summer	FC11	256	187.829	0.509	0.9	0.6671	0.0000	SURCHARGED
480 minute summer	FC12	256	187.739	0.509	0.9	0.6672	0.0000	SURCHARGED
480 minute summer	FC13	256	187.609	0.609	1.0	0.8106	0.0000	SURCHARGED
480 minute summer	FC14	288	187.099	0.199	1.0	2.5455	0.0000	SURCHARGED
480 minute summer	FC15	256	187.650	0.450	0.8	0.5805	0.0000	SURCHARGED
480 minute summer	FC16	256	187.357	0.457	0.8	0.5896	0.0000	SURCHARGED
480 minute summer	FC17	256	187.452	0.452	0.8	0.5829	0.0000	SURCHARGED
480 minute summer	FC18	256	187.008	0.458	0.8	0.5908	0.0000	SURCHARGED
480 minute summer	FC19	256	187.009	0.609	1.0	0.8107	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC5	6.000	J5	0.8	0.508	0.130	0.0063
480 minute summer	FC6	7.000	J6	0.7	0.645	0.077	0.0076
480 minute summer	FC7	8.000	J7	0.7	0.540	0.094	0.0100
480 minute summer	FC8	9.000	J8	0.8	0.722	0.080	0.0045
480 minute summer	FC9	10.000	J9	0.7	0.494	0.112	0.0097
480 minute summer	FC10	11.000	J10	0.8	0.562	0.122	0.0090
480 minute summer	FC11	12.000	J11	0.7	0.500	0.119	0.0109
480 minute summer	FC12	13.000	S2	0.7	0.499	0.119	0.0097
480 minute summer	FC13	14.000	J12	0.8	0.514	0.130	0.0103
480 minute summer	FC14	15.000	J13	0.4	0.436	0.072	0.0075
480 minute summer	FC15	16.000	J14	0.7	1.048	0.038	0.0030
480 minute summer	FC16	17.000	J15	0.7	0.525	0.103	0.0096
480 minute summer	FC17	18.000	J16	0.7	0.832	0.053	0.0039
480 minute summer	FC18	19.000	J17	0.7	0.491	0.113	0.0188
480 minute summer	FC19	20.000	S3	0.8	0.511	0.131	0.0517

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Results for 100 year +45% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC20	256	187.551	0.601	1.0	0.7999	0.0000	SURCHARGED
480 minute summer	FC21	256	186.909	0.609	1.0	0.8106	0.0000	SURCHARGED
480 minute summer	FC22	280	186.632	0.182	0.8	1.7719	0.0000	SURCHARGED
480 minute summer	FC23	256	186.757	0.457	0.8	0.5902	0.0000	SURCHARGED
480 minute summer	FC24	256	186.907	0.607	1.0	0.8078	0.0000	SURCHARGED
480 minute summer	FC25	256	187.151	0.601	1.0	0.8000	0.0000	SURCHARGED
480 minute summer	FC26	280	186.629	0.179	0.8	1.8053	0.0000	SURCHARGED
480 minute summer	FC27	256	186.949	0.449	0.8	0.5802	0.0000	SURCHARGED
480 minute summer	FC28	256	187.101	0.601	1.0	0.8000	0.0000	SURCHARGED
480 minute summer	FC29	264	187.125	0.625	1.0	0.9285	0.0000	SURCHARGED
480 minute summer	FC30	256	187.352	0.602	1.0	0.8008	0.0000	SURCHARGED
480 minute summer	FC31	256	186.904	0.454	0.8	0.5855	0.0000	SURCHARGED
480 minute summer	FC32	256	186.901	0.451	0.8	0.5825	0.0000	SURCHARGED
480 minute summer	FC33	256	187.052	0.602	1.0	0.8009	0.0000	SURCHARGED
480 minute summer	FC34	256	187.059	0.609	1.0	0.8103	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC20	21.000	J18	0.8	1.032	0.048	0.0032
480 minute summer	FC21	22.000	J19	0.8	0.513	0.131	0.0599
480 minute summer	FC22	23.000	S17	0.4	0.606	0.022	0.0370
480 minute summer	FC23	24.000	J20	0.7	0.511	0.106	0.0359
480 minute summer	FC24	25.000	J21	0.8	0.598	0.104	0.0363
480 minute summer	FC25	26.000	J22	0.8	1.025	0.049	0.0197
480 minute summer	FC26	27.000	J23	0.4	0.753	0.031	0.0358
480 minute summer	FC27	28.000	J24	0.7	1.082	0.037	0.0253
480 minute summer	FC28	29.000	J25	0.8	1.030	0.048	0.0245
480 minute summer	FC29	30.000	J26	0.8	1.008	0.051	0.0265
480 minute summer	FC30	31.000	J27	0.8	0.961	0.053	0.0081
480 minute summer	FC31	33.000	J28	0.7	0.319	0.074	0.0110
480 minute summer	FC32	34.000	J29	0.7	0.275	0.053	0.0122
480 minute summer	FC33	35.000	S12	0.8	0.944	0.054	0.0034
480 minute summer	FC34	36.000	J30	0.8	0.525	0.125	0.0070

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Results for 100 year +45% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC35	256	187.052	0.601	1.0	0.8006	0.0000	SURCHARGED
480 minute summer	FC36	264	187.075	0.625	1.0	0.9278	0.0000	SURCHARGED
480 minute summer	FC37	272	186.449	0.649	1.2	1.4140	0.0000	SURCHARGED
480 minute summer	FC38	288	185.612	0.162	0.8	1.9471	0.0000	SURCHARGED
480 minute summer	FC39	256	185.901	0.451	0.8	0.5818	0.0000	SURCHARGED
480 minute summer	FC40	256	186.073	0.573	1.0	0.8029	0.0000	SURCHARGED
480 minute summer	FC41	256	185.454	0.604	1.0	0.8038	0.0000	SURCHARGED
480 minute summer	FC42	256	185.206	0.606	1.0	0.8060	0.0000	SURCHARGED
480 minute summer	FC43	256	185.204	0.604	1.0	0.8036	0.0000	SURCHARGED
480 minute summer	FC44	248	184.619	0.019	0.8	0.0242	0.0000	OK
480 minute summer	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
480 minute summer	FC46	272	185.360	0.660	1.3	1.7424	0.0000	SURCHARGED
480 minute summer	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute summer	FC48	256	185.402	0.602	1.0	0.8006	0.0000	SURCHARGED
480 minute summer	FC49	256	185.409	0.609	1.0	0.8110	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC35	37.000	J31	0.8	0.926	0.054	0.0058
480 minute summer	FC36	38.000	J32	0.8	1.010	0.050	0.0059
480 minute summer	FC37	39.000	J33	0.8	0.689	0.090	0.0076
480 minute summer	FC38	40.000	J34	0.4	0.711	0.031	0.0026
480 minute summer	FC39	41.000	J35	0.7	0.919	0.046	0.0032
480 minute summer	FC40	42.000	J36	0.8	1.165	0.039	0.0033
480 minute summer	FC41	43.000	J37	0.8	0.765	0.074	0.0051
480 minute summer	FC42	44.000	J38	0.8	0.666	0.089	0.0057
480 minute summer	FC43	45.000	J39	0.8	0.779	0.071	0.0043
480 minute summer	FC44	46.000	J40	0.8	0.809	0.071	0.0043
480 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
480 minute summer	FC46	48.000	S20	0.8	0.482	0.136	0.0113
480 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0059
480 minute summer	FC48	50.000	J42	0.8	0.430	0.055	0.0094
480 minute summer	FC49	51.000	S21	0.8	0.508	0.130	0.0066

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Results for 100 year +45% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC50	256	185.409	0.609	1.0	0.8109	0.0000	SURCHARGED
480 minute summer	FC51	256	185.459	0.609	1.0	0.8107	0.0000	SURCHARGED
480 minute summer	FC52	272	185.886	0.636	1.1	1.1583	0.0000	SURCHARGED
480 minute summer	FC53	256	185.855	0.605	1.0	0.8052	0.0000	SURCHARGED
480 minute summer	FC54	256	185.703	0.453	0.8	0.5844	0.0000	SURCHARGED
480 minute summer	FC55	256	185.701	0.450	0.8	0.5815	0.0000	SURCHARGED
480 minute summer	FC56	256	185.951	0.601	1.0	0.8001	0.0000	SURCHARGED
480 minute summer	FC57	256	185.952	0.602	1.0	0.8008	0.0000	SURCHARGED
480 minute summer	FC58	256	185.801	0.451	0.8	0.5823	0.0000	SURCHARGED
480 minute summer	FC59	256	185.802	0.452	0.8	0.5832	0.0000	SURCHARGED
480 minute summer	FC60	256	185.953	0.603	1.0	0.8025	0.0000	SURCHARGED
480 minute summer	FC61	256	185.905	0.605	1.0	0.8057	0.0000	SURCHARGED
480 minute summer	FC62	280	185.917	0.667	1.4	1.9805	0.0000	SURCHARGED
480 minute summer	FC63	256	185.858	0.458	0.8	0.5917	0.0000	SURCHARGED
480 minute summer	FC64	256	185.609	0.609	1.0	0.8108	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC50	52.000	J43	0.8	0.509	0.130	0.0071
480 minute summer	FC51	55.000	S22	0.8	0.512	0.131	0.0093
480 minute summer	FC52	58.000	S23	0.8	0.750	0.079	0.0058
480 minute summer	FC53	61.000	J50	0.8	0.700	0.083	0.0047
480 minute summer	FC54	62.000	J51	0.7	0.744	0.062	0.0036
480 minute summer	FC55	64.000	J53	0.7	0.940	0.045	0.0029
480 minute summer	FC56	53.000	J44	0.8	1.014	0.050	0.0050
480 minute summer	FC57	54.000	J45	0.8	0.950	0.055	0.0053
480 minute summer	FC58	56.000	J46	0.7	0.876	0.050	0.0047
480 minute summer	FC59	57.000	J47	0.7	0.811	0.055	0.0053
480 minute summer	FC60	59.000	J48	0.8	0.837	0.065	0.0061
480 minute summer	FC61	60.000	J49	0.8	0.672	0.089	0.0085
480 minute summer	FC62	63.000	J52	0.8	0.627	0.106	0.0122
480 minute summer	FC63	65.000	S26	0.7	0.484	0.113	0.0034
480 minute summer	FC64	66.000	J54	0.8	0.344	0.131	0.0051

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Results for 100 year +45% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	FC65	256	185.750	0.600	1.0	0.7986	0.0000	SURCHARGED
480 minute summer	FC66	256	185.608	0.608	1.0	0.8091	0.0000	SURCHARGED
480 minute summer	FC67	280	184.979	0.179	0.8	1.8494	0.0000	SURCHARGED
480 minute summer	FC68	256	185.004	0.454	0.8	0.5866	0.0000	SURCHARGED
480 minute summer	J1	248	188.242	0.042	2.7	0.0566	0.0000	OK
480 minute summer	J2	248	188.170	0.064	3.5	0.0721	0.0000	OK
480 minute summer	J3	248	188.105	0.059	4.3	0.0666	0.0000	OK
480 minute summer	J4	248	188.078	0.043	4.9	0.0483	0.0000	OK
480 minute summer	J5	248	187.949	0.039	5.6	0.0440	0.0000	OK
480 minute summer	J6	256	187.712	0.062	6.3	0.0697	0.0000	OK
480 minute summer	J7	256	187.676	0.076	6.9	0.0856	0.0000	OK
480 minute summer	J8	256	187.648	0.055	7.7	0.0623	0.0000	OK
480 minute summer	J9	256	187.351	0.076	8.4	0.0862	0.0000	OK
480 minute summer	J10	256	187.315	0.045	9.2	0.0507	0.0000	OK
480 minute summer	J11	256	187.187	0.066	9.9	0.0746	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	FC65	67.000	J55	0.8	0.380	0.041	0.0048
480 minute summer	FC66	68.000	S24	0.8	0.570	0.107	0.0029
480 minute summer	FC67	69.000	J56	0.4	0.416	0.069	0.0020
480 minute summer	FC68	70.000	J57	0.7	0.643	0.074	0.0024
480 minute summer	J1	1.001	J2	2.7	0.653	0.329	0.0210
480 minute summer	J2	1.002	J3	3.5	0.716	0.585	0.0050
480 minute summer	J3	1.003	J4	4.3	0.811	0.321	0.0103
480 minute summer	J4	1.004	J5	4.9	1.263	0.146	0.0137
480 minute summer	J5	1.005	J6	5.6	1.091	0.147	0.0296
480 minute summer	J6	1.006	J7	6.3	0.802	0.221	0.0155
480 minute summer	J7	1.007	J8	7.0	0.944	0.499	0.0083
480 minute summer	J8	1.008	J9	7.7	1.376	0.256	0.0475
480 minute summer	J9	1.009	J10	8.4	0.979	0.252	0.0105
480 minute summer	J10	1.010	J11	9.2	1.219	0.071	0.0187
480 minute summer	J11	1.011	S2	9.9	0.708	0.154	0.0756

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Results for 100 year +45% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J12	248	186.881	0.072	13.1	0.0815	0.0000	OK
480 minute summer	J13	256	186.832	0.130	13.5	0.1469	0.0000	OK
480 minute summer	J14	256	186.818	0.123	14.2	0.1388	0.0000	OK
480 minute summer	J15	256	186.798	0.110	14.8	0.1242	0.0000	OK
480 minute summer	J16	256	186.761	0.091	15.5	0.1025	0.0000	OK
480 minute summer	J17	488	186.546	0.188	16.2	0.2122	0.0000	OK
480 minute summer	J18	488	186.548	0.354	18.8	0.4006	0.0000	SURCHARGED
480 minute summer	J19	512	186.548	0.521	19.6	0.5889	0.0000	SURCHARGED
480 minute summer	J20	488	186.545	0.614	1.1	0.6944	0.0000	SURCHARGED
480 minute summer	J21	488	186.545	0.650	1.7	0.7351	0.0000	SURCHARGED
480 minute summer	J22	488	186.545	0.727	2.5	0.8223	0.0000	SURCHARGED
480 minute summer	J23	488	186.545	0.762	2.5	0.8619	0.0000	SURCHARGED
480 minute summer	J24	488	186.545	0.895	4.7	1.0123	0.0000	SURCHARGED
480 minute summer	J25	488	186.545	0.930	5.1	1.0519	0.0000	SURCHARGED
480 minute summer	J26	488	186.545	0.958	5.7	1.0836	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J12	1.013	J13	13.1	0.761	0.195	0.1120
480 minute summer	J13	1.014	J14	13.5	0.589	0.430	0.0435
480 minute summer	J14	1.015	J15	14.2	0.685	0.453	0.0396
480 minute summer	J15	1.016	J16	14.8	0.868	0.485	0.0876
480 minute summer	J16	1.017	J17	15.5	1.148	0.257	0.0454
480 minute summer	J17	1.018	S3	16.2	1.107	0.111	0.0709
480 minute summer	J18	1.020	J19	18.8	1.876	0.145	0.0592
480 minute summer	J19	1.021	S4	19.6	0.781	0.355	0.3096
480 minute summer	J20	23.002	J21	1.0	0.442	0.169	0.0295
480 minute summer	J21	23.003	J22	1.7	0.519	0.292	0.0627
480 minute summer	J22	23.004	J23	2.2	0.630	0.369	0.0281
480 minute summer	J23	23.005	S18	2.5	0.681	0.427	0.0587
480 minute summer	J24	23.007	J25	4.4	0.549	0.334	0.1088
480 minute summer	J25	23.008	J26	4.9	0.566	0.372	0.0874
480 minute summer	J26	23.009	S19	5.5	0.659	0.413	0.0652

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Results for 100 year +45% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J27	496	186.546	1.085	12.0	1.2270	0.0000	SURCHARGED
480 minute summer	J28	248	186.409	0.053	3.0	0.0600	0.0000	OK
480 minute summer	J29	248	186.333	0.062	3.7	0.0700	0.0000	OK
480 minute summer	J30	248	186.220	0.073	5.1	0.0824	0.0000	OK
480 minute summer	J31	248	186.193	0.074	5.9	0.0841	0.0000	OK
480 minute summer	J32	248	186.140	0.076	6.6	0.0860	0.0000	OK
480 minute summer	J33	248	185.662	0.051	9.0	0.0582	0.0000	OK
480 minute summer	J34	248	185.212	0.087	11.5	0.0982	0.0000	OK
480 minute summer	J35	248	185.133	0.058	12.2	0.0653	0.0000	OK
480 minute summer	J36	248	184.972	0.097	12.9	0.1093	0.0000	OK
480 minute summer	J37	248	184.677	0.102	15.0	0.1156	0.0000	OK
480 minute summer	J38	248	184.506	0.131	16.5	0.1480	0.0000	OK
480 minute summer	J39	248	184.466	0.128	17.2	0.1449	0.0000	OK
480 minute summer	J40	248	184.435	0.110	18.0	0.1241	0.0000	OK
480 minute summer	J41	248	184.630	0.033	1.3	0.0369	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J27	23.011	S4	7.8	0.575	0.261	0.0951
480 minute summer	J28	32.001	J29	3.0	0.652	0.513	0.0411
480 minute summer	J29	32.002	S12	3.7	0.758	0.618	0.0225
480 minute summer	J30	32.004	J31	5.1	0.597	0.387	0.0428
480 minute summer	J31	32.005	J32	5.9	0.663	0.441	0.0861
480 minute summer	J32	32.006	S13	6.6	0.913	0.498	0.0388
480 minute summer	J33	32.008	S14	9.0	1.035	0.253	0.0796
480 minute summer	J34	32.010	J35	11.5	1.048	0.299	0.0999
480 minute summer	J35	32.011	J36	12.1	1.009	0.136	0.0835
480 minute summer	J36	32.012	S15	12.6	1.082	0.420	0.0293
480 minute summer	J37	32.014	S16	15.0	1.175	0.493	0.0669
480 minute summer	J38	32.016	J39	16.5	0.698	0.547	0.2557
480 minute summer	J39	32.017	J40	17.2	0.809	0.559	0.0777
480 minute summer	J40	32.018	S10	18.0	0.991	0.418	0.1739
480 minute summer	J41	48.002	J42	1.3	0.503	0.218	0.0161

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Results for 100 year +45% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J42	248	184.578	0.040	2.0	0.0458	0.0000	OK
480 minute summer	J43	592	184.508	0.148	3.9	0.1669	0.0000	OK
480 minute summer	J44	544	184.506	0.156	4.6	0.1764	0.0000	SURCHARGED
480 minute summer	J45	536	184.504	0.204	5.4	0.2305	0.0000	SURCHARGED
480 minute summer	J46	536	184.509	0.237	7.5	0.2682	0.0000	SURCHARGED
480 minute summer	J47	536	184.503	0.255	8.2	0.2881	0.0000	SURCHARGED
480 minute summer	J48	656	184.525	0.371	36.0	0.4194	0.0000	SURCHARGED
480 minute summer	J49	656	184.520	0.390	17.6	0.4416	0.0000	SURCHARGED
480 minute summer	J50	520	184.499	0.374	16.3	0.4233	0.0000	SURCHARGED
480 minute summer	J51	656	184.522	0.414	56.4	0.4685	0.0000	SURCHARGED
480 minute summer	J52	544	184.502	0.398	37.2	0.4502	0.0000	SURCHARGED
480 minute summer	J53	544	184.510	0.423	13.9	0.4789	0.0000	SURCHARGED
480 minute summer	J54	248	185.020	0.041	1.8	0.0464	0.0000	OK
480 minute summer	J55	256	184.992	0.048	2.5	0.0542	0.0000	OK
480 minute summer	J56	544	184.503	0.536	20.2	0.6058	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J42	48.003	S21	2.0	0.543	0.344	0.0306
480 minute summer	J43	48.005	J44	3.9	0.532	0.278	0.0282
480 minute summer	J44	48.006	J45	4.6	0.506	0.346	0.1545
480 minute summer	J45	48.007	S22	5.4	0.469	0.398	0.0419
480 minute summer	J46	48.009	J47	7.5	0.636	0.566	0.0742
480 minute summer	J47	48.010	S23	8.2	0.749	0.617	0.0465
480 minute summer	J48	48.012	J49	10.2	0.475	0.341	0.2962
480 minute summer	J49	48.013	J50	-16.3	0.486	-0.531	0.0451
480 minute summer	J50	48.014	J51	11.7	0.521	0.393	0.2018
480 minute summer	J51	48.015	J52	-27.2	-0.684	-0.888	0.0451
480 minute summer	J52	48.016	J53	13.2	0.647	0.434	0.1938
480 minute summer	J53	48.017	S24	13.9	0.771	0.461	0.4079
480 minute summer	J54	65.002	J55	1.8	0.527	0.298	0.0122
480 minute summer	J55	65.003	S24	2.5	0.703	0.428	0.0282
480 minute summer	J56	48.019	J57	20.2	0.618	0.372	0.6398

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Results for 100 year +45% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	J57	544	184.493	0.548	20.8	0.6196	0.0000	SURCHARGED
480 minute summer	BASIN 1	488	186.545	1.545	27.5	225.8185	0.0000	SURCHARGED
480 minute summer	BASIN 2	720	184.801	0.501	1.7	49.8628	0.0000	OK
480 minute summer	BASIN 3	520	183.339	0.239	20.2	168.8498	0.0000	OK
480 minute summer	BASIN 4	496	184.473	1.143	20.9	176.5580	0.0000	SURCHARGED
480 minute summer	SWALE 1	488	184.969	0.037	1.7	0.0419	0.0000	OK
480 minute summer	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
480 minute summer	SWALE 3	248	184.183	0.113	20.3	0.1278	0.0000	OK
480 minute summer	BH1	720	184.801	0.724	0.6	2.9017	0.0000	OK
480 minute summer	BH2	520	183.339	0.287	1.1	3.0321	0.0000	OK
480 minute summer	BH3	496	184.474	1.168	1.8	7.0562	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	J57	48.020	S25	20.9	0.680	0.386	0.5574
480 minute summer	BASIN 1	1.023	S5	1.8	0.173	0.033	0.6013
480 minute summer	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
480 minute summer	BASIN 2	71.000	BH1	0.6	0.424	0.104	0.1829
480 minute summer	BASIN 3	1.034	BH2	1.1	0.269	0.013	2.2246
480 minute summer	BASIN 4	48.022	BH3	1.8	0.463	0.034	0.7181
480 minute summer	SWALE 1	1.025	S6	1.7	0.348	0.033	0.1889
480 minute summer	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
480 minute summer	SWALE 3	1.033	BASIN 3	20.2	0.858	0.291	1.0176
480 minute summer	BH1	Infiltration		0.1			
480 minute summer	BH2	Infiltration		0.2			
480 minute summer	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S1	240	188.391	0.020	0.8	0.0277	0.0000	OK
480 minute winter	S2	256	187.137	0.098	10.6	0.1443	0.0000	OK
480 minute winter	S3	480	186.661	0.449	15.4	0.5832	0.0000	SURCHARGED
480 minute winter	S4	488	186.662	1.284	23.4	1.5248	0.0000	SURCHARGED
480 minute winter	S5	480	186.661	1.681	1.8	1.9012	0.0000	SURCHARGED
480 minute winter	S6	480	184.882	0.038	1.8	0.0430	0.0000	OK
480 minute winter	S7	8	184.779	0.000	0.0	0.0000	0.0000	OK
480 minute winter	S8	8	184.390	0.000	0.0	0.0000	0.0000	OK
480 minute winter	S9	256	184.255	0.055	0.0	0.0617	0.0000	OK
480 minute winter	S10	256	184.255	0.071	16.6	0.1077	0.0000	OK
480 minute winter	S11	248	186.441	0.041	1.8	0.0663	0.0000	OK
480 minute winter	S12	248	186.234	0.058	3.5	0.0658	0.0000	OK
480 minute winter	S13	256	186.082	0.048	6.7	0.0687	0.0000	OK
480 minute winter	S14	256	185.336	0.086	9.1	0.1344	0.0000	OK
480 minute winter	S15	248	184.921	0.054	12.2	0.0756	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	S1	1.000	J1	0.8	0.437	0.092	0.0155
480 minute winter	S2	1.012	J12	10.6	0.703	0.354	0.0225
480 minute winter	S3	1.019	J18	15.4	1.075	0.504	0.2040
480 minute winter	S4	1.022	BASIN 1	23.3	1.322	0.139	1.1778
480 minute winter	S5	1.024	SWALE 1	1.8	0.352	0.034	0.1043
480 minute winter	S6	1.026	BASIN 2	1.8	0.403	0.033	0.0258
480 minute winter	S7	1.028	SWALE 2	0.0	0.000	0.000	0.0000
480 minute winter	S8	1.030	S9	0.0	0.000	0.000	0.0525
480 minute winter	S9	1.031	S10	0.0	-0.012	0.000	0.0713
480 minute winter	S10	1.032	SWALE 3	16.6	0.994	0.092	0.0731
480 minute winter	S11	32.000	J28	1.8	0.561	0.303	0.0146
480 minute winter	S12	32.003	J30	3.5	0.524	0.264	0.0343
480 minute winter	S13	32.007	J33	6.7	1.404	0.209	0.0623
480 minute winter	S14	32.009	J34	9.1	0.935	0.526	0.0511
480 minute winter	S15	32.013	J37	11.8	1.054	0.128	0.1056

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Results for 100 year +45% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	S16	256	184.608	0.051	12.9	0.0646	0.0000	OK
480 minute winter	S17	480	186.661	0.661	0.4	0.7477	0.0000	SURCHARGED
480 minute winter	S18	480	186.661	1.000	3.6	1.4135	0.0000	SURCHARGED
480 minute winter	S19	480	186.661	1.170	6.1	1.6030	0.0000	SURCHARGED
480 minute winter	S20	248	184.674	0.032	1.2	0.0387	0.0000	OK
480 minute winter	S21	552	184.615	0.156	2.8	0.1850	0.0000	SURCHARGED
480 minute winter	S22	624	184.593	0.307	5.9	0.3748	0.0000	SURCHARGED
480 minute winter	S23	552	184.612	0.453	15.1	0.5360	0.0000	SURCHARGED
480 minute winter	S24	552	184.613	0.636	17.0	0.9232	0.0000	SURCHARGED
480 minute winter	S25	544	184.590	0.664	17.8	0.7511	0.0000	SURCHARGED
480 minute winter	S26	256	185.399	0.022	0.9	0.0262	0.0000	OK
480 minute winter	FC1	264	188.706	0.456	0.7	0.6071	0.0000	SURCHARGED
480 minute winter	FC2	264	188.607	0.457	0.7	0.6077	0.0000	SURCHARGED
480 minute winter	FC3	296	188.862	0.662	1.1	1.9748	0.0000	SURCHARGED
480 minute winter	FC4	256	188.528	0.327	0.6	0.4227	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	S16	32.015	J38	12.9	0.970	0.088	0.0315
480 minute winter	S17	23.001	J20	0.4	0.276	0.061	0.0560
480 minute winter	S18	23.006	J24	3.3	0.502	0.241	0.0323
480 minute winter	S19	23.010	J27	5.9	0.494	0.198	0.3541
480 minute winter	S20	48.001	J41	1.2	0.563	0.199	0.0098
480 minute winter	S21	48.004	J43	2.8	0.711	0.467	0.0399
480 minute winter	S22	48.008	J46	5.9	0.562	0.443	0.0428
480 minute winter	S23	48.011	J48	79.8	2.008	2.590	0.0447
480 minute winter	S24	48.018	J56	17.0	0.564	0.318	0.2989
480 minute winter	S25	48.021	BASIN 4	17.8	0.761	0.323	0.2248
480 minute winter	S26	65.001	J54	0.9	0.700	0.098	0.0105
480 minute winter	FC1	2.000	J1	0.7	0.376	0.107	0.0093
480 minute winter	FC2	3.000	J2	0.7	0.243	0.112	0.0135
480 minute winter	FC3	4.000	J3	0.8	0.550	0.127	0.0138
480 minute winter	FC4	5.000	J4	0.6	0.558	0.074	0.0074

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Results for 100 year +45% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC5	264	188.457	0.457	0.7	0.6088	0.0000	SURCHARGED
480 minute winter	FC6	256	188.176	0.326	0.6	0.4213	0.0000	SURCHARGED
480 minute winter	FC7	256	188.078	0.328	0.6	0.4234	0.0000	SURCHARGED
480 minute winter	FC8	264	188.203	0.453	0.7	0.6024	0.0000	SURCHARGED
480 minute winter	FC9	256	187.800	0.330	0.6	0.4256	0.0000	SURCHARGED
480 minute winter	FC10	288	188.112	0.642	1.0	1.3406	0.0000	SURCHARGED
480 minute winter	FC11	272	187.680	0.360	0.6	0.4722	0.0000	SURCHARGED
480 minute winter	FC12	272	187.590	0.360	0.6	0.4722	0.0000	SURCHARGED
480 minute winter	FC13	264	187.457	0.457	0.7	0.6084	0.0000	SURCHARGED
480 minute winter	FC14	304	187.102	0.202	0.7	2.5803	0.0000	SURCHARGED
480 minute winter	FC15	256	187.522	0.322	0.6	0.4154	0.0000	SURCHARGED
480 minute winter	FC16	256	187.229	0.329	0.6	0.4246	0.0000	SURCHARGED
480 minute winter	FC17	256	187.324	0.324	0.6	0.4179	0.0000	SURCHARGED
480 minute winter	FC18	256	186.880	0.330	0.6	0.4257	0.0000	SURCHARGED
480 minute winter	FC19	264	186.857	0.457	0.7	0.6085	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC5	6.000	J5	0.7	0.488	0.112	0.0057
480 minute winter	FC6	7.000	J6	0.6	0.614	0.065	0.0067
480 minute winter	FC7	8.000	J7	0.6	0.529	0.079	0.0079
480 minute winter	FC8	9.000	J8	0.7	0.691	0.069	0.0040
480 minute winter	FC9	10.000	J9	0.6	0.471	0.094	0.0086
480 minute winter	FC10	11.000	J10	0.8	0.559	0.120	0.0089
480 minute winter	FC11	12.000	J11	0.6	0.475	0.100	0.0096
480 minute winter	FC12	13.000	S2	0.6	0.475	0.099	0.0085
480 minute winter	FC13	14.000	J12	0.7	0.493	0.112	0.0092
480 minute winter	FC14	15.000	J13	0.4	0.437	0.073	0.0075
480 minute winter	FC15	16.000	J14	0.6	0.996	0.032	0.0026
480 minute winter	FC16	17.000	J15	0.6	0.500	0.087	0.0085
480 minute winter	FC17	18.000	J16	0.6	0.792	0.045	0.0034
480 minute winter	FC18	19.000	J17	0.6	0.468	0.095	0.0548
480 minute winter	FC19	20.000	S3	0.7	0.490	0.113	0.0517

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Results for 100 year +45% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC20	264	187.399	0.449	0.7	0.5974	0.0000	SURCHARGED
480 minute winter	FC21	264	186.757	0.457	0.7	0.6084	0.0000	SURCHARGED
480 minute winter	FC22	480	186.661	0.211	0.6	2.0488	0.0000	SURCHARGED
480 minute winter	FC23	464	186.664	0.364	0.6	0.4702	0.0000	SURCHARGED
480 minute winter	FC24	264	186.755	0.455	0.7	0.6056	0.0000	SURCHARGED
480 minute winter	FC25	264	186.999	0.449	0.7	0.5975	0.0000	SURCHARGED
480 minute winter	FC26	480	186.661	0.211	0.6	2.1308	0.0000	SURCHARGED
480 minute winter	FC27	256	186.822	0.322	0.6	0.4151	0.0000	SURCHARGED
480 minute winter	FC28	264	186.949	0.449	0.7	0.5974	0.0000	SURCHARGED
480 minute winter	FC29	264	187.036	0.536	0.8	0.7238	0.0000	SURCHARGED
480 minute winter	FC30	264	187.200	0.449	0.7	0.5983	0.0000	SURCHARGED
480 minute winter	FC31	256	186.776	0.326	0.6	0.4205	0.0000	SURCHARGED
480 minute winter	FC32	256	186.773	0.323	0.6	0.4175	0.0000	SURCHARGED
480 minute winter	FC33	264	186.900	0.450	0.7	0.5985	0.0000	SURCHARGED
480 minute winter	FC34	264	186.907	0.457	0.7	0.6081	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC20	21.000	J18	0.7	0.988	0.041	0.0029
480 minute winter	FC21	22.000	J19	0.7	0.492	0.113	0.0599
480 minute winter	FC22	23.000	S17	0.4	0.593	0.022	0.0373
480 minute winter	FC23	24.000	J20	0.6	0.487	0.089	0.0359
480 minute winter	FC24	25.000	J21	0.7	0.574	0.089	0.0363
480 minute winter	FC25	26.000	J22	0.7	0.981	0.042	0.0370
480 minute winter	FC26	27.000	J23	0.4	0.744	0.030	0.0361
480 minute winter	FC27	28.000	J24	0.6	1.027	0.031	0.0352
480 minute winter	FC28	29.000	J25	0.7	0.986	0.042	0.0341
480 minute winter	FC29	30.000	J26	0.7	0.986	0.047	0.0369
480 minute winter	FC30	31.000	J27	0.7	0.921	0.046	0.0177
480 minute winter	FC31	33.000	J28	0.6	0.286	0.062	0.0092
480 minute winter	FC32	34.000	J29	0.6	0.252	0.044	0.0102
480 minute winter	FC33	35.000	S12	0.7	0.905	0.047	0.0030
480 minute winter	FC34	36.000	J30	0.7	0.504	0.108	0.0063

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Results for 100 year +45% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC35	264	186.899	0.449	0.7	0.5982	0.0000	SURCHARGED
480 minute winter	FC36	264	186.985	0.535	0.8	0.7232	0.0000	SURCHARGED
480 minute winter	FC37	280	186.429	0.629	0.9	1.0447	0.0000	SURCHARGED
480 minute winter	FC38	304	185.607	0.157	0.6	1.8839	0.0000	SURCHARGED
480 minute winter	FC39	256	185.773	0.323	0.6	0.4168	0.0000	SURCHARGED
480 minute winter	FC40	264	185.948	0.448	0.7	0.5960	0.0000	SURCHARGED
480 minute winter	FC41	264	185.302	0.452	0.7	0.6015	0.0000	SURCHARGED
480 minute winter	FC42	264	185.054	0.454	0.7	0.6037	0.0000	SURCHARGED
480 minute winter	FC43	264	185.052	0.452	0.7	0.6012	0.0000	SURCHARGED
480 minute winter	FC44	240	184.616	0.016	0.6	0.0209	0.0000	OK
480 minute winter	FC45	8	184.600	0.000	0.0	0.0000	0.0000	OK
480 minute winter	FC46	288	185.342	0.642	1.0	1.3437	0.0000	SURCHARGED
480 minute winter	FC47	8	184.750	0.000	0.0	0.0000	0.0000	OK
480 minute winter	FC48	264	185.249	0.449	0.7	0.5982	0.0000	SURCHARGED
480 minute winter	FC49	264	185.257	0.457	0.7	0.6088	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC35	37.000	J31	0.7	0.904	0.047	0.0039
480 minute winter	FC36	38.000	J32	0.7	0.973	0.046	0.0043
480 minute winter	FC37	39.000	J33	0.8	0.686	0.089	0.0075
480 minute winter	FC38	40.000	J34	0.4	0.708	0.031	0.0026
480 minute winter	FC39	41.000	J35	0.6	0.874	0.039	0.0028
480 minute winter	FC40	42.000	J36	0.7	1.123	0.035	0.0030
480 minute winter	FC41	43.000	J37	0.7	0.733	0.063	0.0046
480 minute winter	FC42	44.000	J38	0.7	0.639	0.077	0.0051
480 minute winter	FC43	45.000	J39	0.7	0.746	0.062	0.0039
480 minute winter	FC44	46.000	J40	0.6	0.746	0.053	0.0035
480 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
480 minute winter	FC46	48.000	S20	0.8	0.466	0.134	0.0109
480 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0055
480 minute winter	FC48	50.000	J42	0.7	0.409	0.048	0.0143
480 minute winter	FC49	51.000	S21	0.7	0.488	0.112	0.0059

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Results for 100 year +45% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC50	264	185.257	0.457	0.7	0.6087	0.0000	SURCHARGED
480 minute winter	FC51	264	185.307	0.457	0.7	0.6086	0.0000	SURCHARGED
480 minute winter	FC52	264	185.862	0.612	0.9	0.8386	0.0000	SURCHARGED
480 minute winter	FC53	264	185.703	0.453	0.7	0.6029	0.0000	SURCHARGED
480 minute winter	FC54	256	185.575	0.325	0.6	0.4194	0.0000	SURCHARGED
480 minute winter	FC55	256	185.573	0.323	0.6	0.4165	0.0000	SURCHARGED
480 minute winter	FC56	264	185.799	0.449	0.7	0.5976	0.0000	SURCHARGED
480 minute winter	FC57	264	185.800	0.450	0.7	0.5984	0.0000	SURCHARGED
480 minute winter	FC58	256	185.673	0.323	0.6	0.4173	0.0000	SURCHARGED
480 minute winter	FC59	256	185.674	0.324	0.6	0.4182	0.0000	SURCHARGED
480 minute winter	FC60	264	185.801	0.451	0.7	0.6001	0.0000	SURCHARGED
480 minute winter	FC61	264	185.753	0.453	0.7	0.6035	0.0000	SURCHARGED
480 minute winter	FC62	288	185.901	0.651	1.1	1.6022	0.0000	SURCHARGED
480 minute winter	FC63	256	185.731	0.330	0.6	0.4266	0.0000	SURCHARGED
480 minute winter	FC64	264	185.457	0.457	0.7	0.6085	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC50	52.000	J43	0.7	0.489	0.112	0.0064
480 minute winter	FC51	55.000	S22	0.7	0.491	0.113	0.0083
480 minute winter	FC52	58.000	S23	0.8	0.746	0.077	0.0057
480 minute winter	FC53	61.000	J50	0.7	0.670	0.072	0.0042
480 minute winter	FC54	62.000	J51	0.6	0.709	0.052	0.0032
480 minute winter	FC55	64.000	J53	0.6	0.894	0.038	0.0026
480 minute winter	FC56	53.000	J44	0.7	0.970	0.043	0.0045
480 minute winter	FC57	54.000	J45	0.7	0.910	0.047	0.0047
480 minute winter	FC58	56.000	J46	0.6	0.832	0.042	0.0042
480 minute winter	FC59	57.000	J47	0.6	0.772	0.047	0.0047
480 minute winter	FC60	59.000	J48	0.7	0.802	0.056	0.0055
480 minute winter	FC61	60.000	J49	0.7	0.643	0.077	0.0077
480 minute winter	FC62	63.000	J52	0.8	0.625	0.105	0.0120
480 minute winter	FC63	65.000	S26	0.6	0.457	0.095	0.0030
480 minute winter	FC64	66.000	J54	0.7	0.338	0.113	0.0045

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Results for 100 year +45% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	FC65	264	185.598	0.448	0.7	0.5959	0.0000	SURCHARGED
480 minute winter	FC66	264	185.456	0.456	0.7	0.6069	0.0000	SURCHARGED
480 minute winter	FC67	304	184.971	0.171	0.6	1.7686	0.0000	SURCHARGED
480 minute winter	FC68	256	184.877	0.327	0.6	0.4216	0.0000	SURCHARGED
480 minute winter	J1	256	188.237	0.037	2.3	0.0500	0.0000	OK
480 minute winter	J2	256	188.163	0.057	2.9	0.0647	0.0000	OK
480 minute winter	J3	256	188.101	0.055	3.7	0.0618	0.0000	OK
480 minute winter	J4	256	188.075	0.040	4.3	0.0448	0.0000	OK
480 minute winter	J5	256	187.946	0.036	4.9	0.0412	0.0000	OK
480 minute winter	J6	256	187.706	0.056	5.5	0.0635	0.0000	OK
480 minute winter	J7	256	187.670	0.070	6.0	0.0791	0.0000	OK
480 minute winter	J8	256	187.644	0.051	6.7	0.0575	0.0000	OK
480 minute winter	J9	256	187.346	0.071	7.2	0.0798	0.0000	OK
480 minute winter	J10	256	187.311	0.041	8.0	0.0468	0.0000	OK
480 minute winter	J11	256	187.182	0.061	8.6	0.0687	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	FC65	67.000	J55	0.7	0.371	0.036	0.0043
480 minute winter	FC66	68.000	S24	0.7	0.548	0.092	0.0026
480 minute winter	FC67	69.000	J56	0.4	0.413	0.067	0.0020
480 minute winter	FC68	70.000	J57	-1.9	0.613	-0.211	0.0123
480 minute winter	J1	1.001	J2	2.3	0.623	0.272	0.0182
480 minute winter	J2	1.002	J3	2.9	0.686	0.491	0.0044
480 minute winter	J3	1.003	J4	3.7	0.783	0.279	0.0093
480 minute winter	J4	1.004	J5	4.3	1.218	0.127	0.0124
480 minute winter	J5	1.005	J6	4.9	1.066	0.129	0.0264
480 minute winter	J6	1.006	J7	5.5	0.780	0.193	0.0138
480 minute winter	J7	1.007	J8	6.0	0.910	0.433	0.0075
480 minute winter	J8	1.008	J9	6.7	1.325	0.221	0.0427
480 minute winter	J9	1.009	J10	7.2	0.942	0.217	0.0094
480 minute winter	J10	1.010	J11	8.0	1.191	0.062	0.0167
480 minute winter	J11	1.011	S2	8.6	0.688	0.134	0.0677

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Results for 100 year +45% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J12	256	186.875	0.066	11.2	0.0742	0.0000	OK
480 minute winter	J13	256	186.821	0.119	11.6	0.1342	0.0000	OK
480 minute winter	J14	256	186.807	0.112	12.2	0.1272	0.0000	OK
480 minute winter	J15	256	186.789	0.101	12.7	0.1140	0.0000	OK
480 minute winter	J16	256	186.753	0.083	13.3	0.0939	0.0000	OK
480 minute winter	J17	480	186.662	0.304	15.1	0.3436	0.0000	SURCHARGED
480 minute winter	J18	480	186.661	0.467	16.1	0.5280	0.0000	SURCHARGED
480 minute winter	J19	480	186.661	0.634	24.7	0.7172	0.0000	SURCHARGED
480 minute winter	J20	480	186.661	0.730	0.9	0.8258	0.0000	SURCHARGED
480 minute winter	J21	480	186.661	0.766	1.5	0.8665	0.0000	SURCHARGED
480 minute winter	J22	480	186.661	0.843	2.1	0.9535	0.0000	SURCHARGED
480 minute winter	J23	480	186.661	0.878	2.3	0.9933	0.0000	SURCHARGED
480 minute winter	J24	480	186.661	1.011	3.8	1.1434	0.0000	SURCHARGED
480 minute winter	J25	480	186.661	1.046	4.3	1.1827	0.0000	SURCHARGED
480 minute winter	J26	480	186.661	1.074	4.8	1.2148	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J12	1.013	J13	11.2	0.735	0.168	0.0997
480 minute winter	J13	1.014	J14	11.6	0.566	0.370	0.0389
480 minute winter	J14	1.015	J15	12.2	0.658	0.390	0.0355
480 minute winter	J15	1.016	J16	12.7	0.837	0.416	0.0782
480 minute winter	J16	1.017	J17	13.3	1.105	0.221	0.0405
480 minute winter	J17	1.018	S3	13.9	1.078	0.095	0.0750
480 minute winter	J18	1.020	J19	24.1	1.815	0.185	0.0592
480 minute winter	J19	1.021	S4	16.7	0.747	0.303	0.3096
480 minute winter	J20	23.002	J21	0.9	0.428	0.146	0.0295
480 minute winter	J21	23.003	J22	1.5	0.502	0.250	0.0627
480 minute winter	J22	23.004	J23	2.0	0.581	0.333	0.0281
480 minute winter	J23	23.005	S18	2.2	0.664	0.366	0.0587
480 minute winter	J24	23.007	J25	3.7	0.535	0.278	0.1088
480 minute winter	J25	23.008	J26	4.1	0.552	0.310	0.0874
480 minute winter	J26	23.009	S19	4.6	0.629	0.347	0.0652

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Results for 100 year +45% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J27	480	186.661	1.200	6.5	1.3575	0.0000	SURCHARGED
480 minute winter	J28	248	186.401	0.045	2.3	0.0513	0.0000	OK
480 minute winter	J29	248	186.324	0.053	2.9	0.0600	0.0000	OK
480 minute winter	J30	248	186.211	0.064	4.2	0.0725	0.0000	OK
480 minute winter	J31	264	186.185	0.066	4.8	0.0747	0.0000	OK
480 minute winter	J32	264	186.133	0.069	5.5	0.0778	0.0000	OK
480 minute winter	J33	256	185.657	0.047	7.5	0.0530	0.0000	OK
480 minute winter	J34	256	185.203	0.078	9.5	0.0886	0.0000	OK
480 minute winter	J35	256	185.127	0.052	10.0	0.0584	0.0000	OK
480 minute winter	J36	256	184.962	0.087	10.7	0.0985	0.0000	OK
480 minute winter	J37	256	184.667	0.092	12.4	0.1044	0.0000	OK
480 minute winter	J38	256	184.491	0.116	13.6	0.1307	0.0000	OK
480 minute winter	J39	256	184.452	0.114	14.3	0.1290	0.0000	OK
480 minute winter	J40	256	184.423	0.098	14.9	0.1107	0.0000	OK
480 minute winter	J41	248	184.628	0.031	1.2	0.0352	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J27	23.011	S4	11.5	0.560	0.386	0.0951
480 minute winter	J28	32.001	J29	2.3	0.612	0.396	0.0338
480 minute winter	J29	32.002	S12	2.9	0.718	0.487	0.0187
480 minute winter	J30	32.004	J31	4.2	0.569	0.314	0.0364
480 minute winter	J31	32.005	J32	4.8	0.628	0.363	0.0748
480 minute winter	J32	32.006	S13	5.5	0.875	0.417	0.0338
480 minute winter	J33	32.008	S14	7.5	1.006	0.211	0.0684
480 minute winter	J34	32.010	J35	9.5	0.999	0.245	0.0863
480 minute winter	J35	32.011	J36	10.0	0.967	0.113	0.0722
480 minute winter	J36	32.012	S15	11.1	1.049	0.369	0.0254
480 minute winter	J37	32.014	S16	12.3	1.137	0.405	0.0572
480 minute winter	J38	32.016	J39	13.6	0.668	0.450	0.2202
480 minute winter	J39	32.017	J40	14.3	0.776	0.463	0.0672
480 minute winter	J40	32.018	S10	14.9	0.945	0.345	0.1505
480 minute winter	J41	48.002	J42	1.2	0.490	0.200	0.0181

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Results for 100 year +45% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J42	552	184.605	0.068	1.9	0.0773	0.0000	OK
480 minute winter	J43	584	184.611	0.251	3.4	0.2838	0.0000	SURCHARGED
480 minute winter	J44	584	184.609	0.259	4.0	0.2928	0.0000	SURCHARGED
480 minute winter	J45	512	184.594	0.294	4.7	0.3323	0.0000	SURCHARGED
480 minute winter	J46	584	184.595	0.323	6.5	0.3656	0.0000	SURCHARGED
480 minute winter	J47	584	184.606	0.358	12.7	0.4048	0.0000	SURCHARGED
480 minute winter	J48	656	184.636	0.482	93.6	0.5451	0.0000	SURCHARGED
480 minute winter	J49	552	184.611	0.482	71.2	0.5448	0.0000	SURCHARGED
480 minute winter	J50	536	184.675	0.550	47.7	0.6225	0.0000	SURCHARGED
480 minute winter	J51	552	184.607	0.499	19.3	0.5644	0.0000	SURCHARGED
480 minute winter	J52	536	184.628	0.524	11.9	0.5927	0.0000	SURCHARGED
480 minute winter	J53	552	184.606	0.519	12.0	0.5872	0.0000	SURCHARGED
480 minute winter	J54	264	185.017	0.038	1.5	0.0425	0.0000	OK
480 minute winter	J55	264	184.988	0.044	2.2	0.0499	0.0000	OK
480 minute winter	J56	552	184.612	0.645	17.4	0.7298	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J42	48.003	S21	-1.9	0.535	-0.321	0.0553
480 minute winter	J43	48.005	J44	3.4	0.523	0.243	0.0283
480 minute winter	J44	48.006	J45	4.0	0.504	0.303	0.1545
480 minute winter	J45	48.007	S22	4.7	0.464	0.348	0.0419
480 minute winter	J46	48.009	J47	6.5	0.614	0.487	0.0742
480 minute winter	J47	48.010	S23	7.1	0.715	0.530	0.0465
480 minute winter	J48	48.012	J49	11.2	0.465	0.373	0.2962
480 minute winter	J49	48.013	J50	-51.7	-1.301	-1.688	0.0451
480 minute winter	J50	48.014	J51	18.2	0.503	0.608	0.2018
480 minute winter	J51	48.015	J52	11.9	0.539	0.389	0.0451
480 minute winter	J52	48.016	J53	11.5	0.625	0.376	0.1938
480 minute winter	J53	48.017	S24	12.0	0.740	0.398	0.4079
480 minute winter	J54	65.002	J55	1.5	0.507	0.258	0.0109
480 minute winter	J55	65.003	S24	2.2	0.678	0.371	0.0254
480 minute winter	J56	48.019	J57	17.3	0.596	0.320	0.6398

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Results for 100 year +45% CC 480 minute winter. 720 minute analysis at 8 minute timestep. Mass balance: 99.70%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute winter	J57	552	184.603	0.658	17.9	0.7440	0.0000	SURCHARGED
480 minute winter	BASIN 1	480	186.661	1.661	23.3	247.5639	0.0000	SURCHARGED
480 minute winter	BASIN 2	720	184.821	0.521	1.8	52.0589	0.0000	OK
480 minute winter	BASIN 3	512	183.367	0.267	16.6	188.9925	0.0000	OK
480 minute winter	BASIN 4	504	184.587	1.257	17.8	198.1447	0.0000	SURCHARGED
480 minute winter	SWALE 1	480	184.970	0.038	1.8	0.0427	0.0000	OK
480 minute winter	SWALE 2	8	184.450	0.000	0.0	0.0000	0.0000	OK
480 minute winter	SWALE 3	256	184.171	0.101	16.6	0.1147	0.0000	OK
480 minute winter	BH1	720	184.820	0.743	0.6	2.9575	0.0000	OK
480 minute winter	BH2	512	183.367	0.315	1.4	3.1706	0.0000	OK
480 minute winter	BH3	504	184.587	1.281	1.9	7.2982	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute winter	J57	48.020	S25	17.8	0.651	0.330	0.5574
480 minute winter	BASIN 1	1.023	S5	1.8	0.183	0.034	0.6013
480 minute winter	BASIN 2	1.027	S7	0.0	0.000	0.000	0.0000
480 minute winter	BASIN 2	71.000	BH1	0.6	0.427	0.108	0.1829
480 minute winter	BASIN 3	1.034	BH2	1.4	0.275	0.016	2.4687
480 minute winter	BASIN 4	48.022	BH3	1.9	0.484	0.035	0.7181
480 minute winter	SWALE 1	1.025	S6	1.8	0.352	0.034	0.1937
480 minute winter	SWALE 2	1.029	S8	0.0	0.000	0.000	0.0000
480 minute winter	SWALE 3	1.033	BASIN 3	16.6	0.813	0.239	0.8801
480 minute winter	BH1	Infiltration		0.1			
480 minute winter	BH2	Infiltration		0.2			
480 minute winter	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S1	315	188.392	0.022	0.9	0.0294	0.0000	OK
600 minute summer	S2	315	187.140	0.101	11.2	0.1485	0.0000	OK
600 minute summer	S3	615	186.598	0.386	16.0	0.5023	0.0000	SURCHARGED
600 minute summer	S4	615	186.599	1.221	24.5	1.4509	0.0000	SURCHARGED
600 minute summer	S5	615	186.598	1.618	1.8	1.8305	0.0000	SURCHARGED
600 minute summer	S6	615	184.882	0.038	1.8	0.0427	0.0000	OK
600 minute summer	S7	840	184.798	0.019	1.2	0.0214	0.0000	OK
600 minute summer	S8	840	184.410	0.020	1.2	0.0223	0.0000	OK
600 minute summer	S9	315	184.257	0.057	1.2	0.0646	0.0000	OK
600 minute summer	S10	315	184.257	0.073	17.5	0.1116	0.0000	OK
600 minute summer	S11	315	186.443	0.043	2.0	0.0706	0.0000	OK
600 minute summer	S12	315	186.236	0.060	3.8	0.0683	0.0000	OK
600 minute summer	S13	315	186.084	0.050	7.1	0.0710	0.0000	OK
600 minute summer	S14	315	185.339	0.089	9.7	0.1400	0.0000	OK
600 minute summer	S15	315	184.923	0.056	12.8	0.0778	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	S1	1.000	J1	0.9	0.455	0.103	0.0168
600 minute summer	S2	1.012	J12	11.2	0.714	0.374	0.0234
600 minute summer	S3	1.019	J18	16.0	1.084	0.523	0.2040
600 minute summer	S4	1.022	BASIN 1	24.4	1.457	0.145	1.1778
600 minute summer	S5	1.024	SWALE 1	1.8	0.350	0.033	0.1029
600 minute summer	S6	1.026	BASIN 2	1.8	0.401	0.033	0.0262
600 minute summer	S7	1.028	SWALE 2	1.2	0.418	0.008	0.0493
600 minute summer	S8	1.030	S9	1.2	0.430	0.008	0.0560
600 minute summer	S9	1.031	S10	1.2	0.458	0.022	0.0755
600 minute summer	S10	1.032	SWALE 3	17.5	1.006	0.097	0.0764
600 minute summer	S11	32.000	J28	2.0	0.583	0.336	0.0157
600 minute summer	S12	32.003	J30	3.8	0.530	0.281	0.0360
600 minute summer	S13	32.007	J33	7.1	1.429	0.221	0.0650
600 minute summer	S14	32.009	J34	9.7	0.949	0.560	0.0536
600 minute summer	S15	32.013	J37	12.5	1.071	0.135	0.1101

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Results for 100 year +45% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	S16	315	184.610	0.053	13.7	0.0672	0.0000	OK
600 minute summer	S17	615	186.599	0.598	0.4	0.6769	0.0000	SURCHARGED
600 minute summer	S18	615	186.601	0.939	3.7	1.3275	0.0000	SURCHARGED
600 minute summer	S19	615	186.597	1.106	6.4	1.5151	0.0000	SURCHARGED
600 minute summer	S20	315	184.674	0.032	1.2	0.0388	0.0000	OK
600 minute summer	S21	675	184.561	0.101	2.8	0.1203	0.0000	SURCHARGED
600 minute summer	S22	675	184.582	0.296	6.1	0.3622	0.0000	SURCHARGED
600 minute summer	S23	735	184.569	0.411	52.9	0.4863	0.0000	SURCHARGED
600 minute summer	S24	660	184.549	0.572	17.5	0.8306	0.0000	SURCHARGED
600 minute summer	S25	660	184.545	0.619	18.4	0.6999	0.0000	SURCHARGED
600 minute summer	S26	330	185.399	0.021	0.8	0.0259	0.0000	OK
600 minute summer	FC1	330	188.729	0.479	0.8	0.6372	0.0000	SURCHARGED
600 minute summer	FC2	330	188.629	0.479	0.8	0.6377	0.0000	SURCHARGED
600 minute summer	FC3	345	188.861	0.661	1.3	1.9492	0.0000	SURCHARGED
600 minute summer	FC4	330	188.508	0.308	0.6	0.3973	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	S16	32.015	J38	13.7	0.977	0.093	0.0330
600 minute summer	S17	23.001	J20	0.3	0.263	0.057	0.0560
600 minute summer	S18	23.006	J24	3.4	0.493	0.251	0.0323
600 minute summer	S19	23.010	J27	6.2	0.464	0.207	0.3541
600 minute summer	S20	48.001	J41	1.2	0.564	0.200	0.0097
600 minute summer	S21	48.004	J43	2.8	0.715	0.479	0.0399
600 minute summer	S22	48.008	J46	6.1	0.566	0.455	0.0428
600 minute summer	S23	48.011	J48	-44.6	-1.121	-1.446	0.0447
600 minute summer	S24	48.018	J56	17.5	0.569	0.328	0.2989
600 minute summer	S25	48.021	BASIN 4	18.3	0.767	0.332	0.2248
600 minute summer	S26	65.001	J54	0.8	0.696	0.097	0.0103
600 minute summer	FC1	2.000	J1	0.7	0.385	0.110	0.0099
600 minute summer	FC2	3.000	J2	0.7	0.247	0.115	0.0142
600 minute summer	FC3	4.000	J3	0.8	0.549	0.127	0.0138
600 minute summer	FC4	5.000	J4	0.5	0.553	0.072	0.0072

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Results for 100 year +45% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC5	330	188.480	0.480	0.8	0.6389	0.0000	SURCHARGED
600 minute summer	FC6	330	188.157	0.307	0.6	0.3958	0.0000	SURCHARGED
600 minute summer	FC7	330	188.058	0.308	0.6	0.3978	0.0000	SURCHARGED
600 minute summer	FC8	330	188.225	0.475	0.8	0.6325	0.0000	SURCHARGED
600 minute summer	FC9	330	187.780	0.310	0.6	0.4002	0.0000	SURCHARGED
600 minute summer	FC10	345	188.112	0.642	1.1	1.3495	0.0000	SURCHARGED
600 minute summer	FC11	330	187.736	0.416	0.7	0.5451	0.0000	SURCHARGED
600 minute summer	FC12	330	187.646	0.416	0.7	0.5451	0.0000	SURCHARGED
600 minute summer	FC13	330	187.480	0.480	0.8	0.6385	0.0000	SURCHARGED
600 minute summer	FC14	360	187.085	0.184	0.8	2.3599	0.0000	SURCHARGED
600 minute summer	FC15	330	187.502	0.302	0.6	0.3900	0.0000	SURCHARGED
600 minute summer	FC16	330	187.209	0.309	0.6	0.3991	0.0000	SURCHARGED
600 minute summer	FC17	330	187.304	0.304	0.6	0.3925	0.0000	SURCHARGED
600 minute summer	FC18	330	186.860	0.310	0.6	0.4003	0.0000	SURCHARGED
600 minute summer	FC19	330	186.880	0.480	0.8	0.6386	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC5	6.000	J5	0.7	0.491	0.115	0.0058
600 minute summer	FC6	7.000	J6	0.5	0.609	0.063	0.0066
600 minute summer	FC7	8.000	J7	0.5	0.518	0.077	0.0081
600 minute summer	FC8	9.000	J8	0.7	0.697	0.070	0.0041
600 minute summer	FC9	10.000	J9	0.5	0.467	0.092	0.0084
600 minute summer	FC10	11.000	J10	0.8	0.559	0.120	0.0089
600 minute summer	FC11	12.000	J11	0.6	0.486	0.108	0.0101
600 minute summer	FC12	13.000	S2	0.6	0.485	0.107	0.0090
600 minute summer	FC13	14.000	J12	0.7	0.497	0.115	0.0094
600 minute summer	FC14	15.000	J13	0.4	0.430	0.069	0.0072
600 minute summer	FC15	16.000	J14	0.5	0.986	0.031	0.0026
600 minute summer	FC16	17.000	J15	0.5	0.496	0.084	0.0083
600 minute summer	FC17	18.000	J16	0.5	0.785	0.043	0.0033
600 minute summer	FC18	19.000	J17	0.5	0.464	0.092	0.0401
600 minute summer	FC19	20.000	S3	0.7	0.494	0.116	0.0517

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Results for 100 year +45% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC20	330	187.421	0.471	0.8	0.6275	0.0000	SURCHARGED
600 minute summer	FC21	330	186.780	0.480	0.8	0.6385	0.0000	SURCHARGED
600 minute summer	FC22	345	186.601	0.151	0.6	1.4646	0.0000	SURCHARGED
600 minute summer	FC23	330	186.610	0.310	0.6	0.3997	0.0000	SURCHARGED
600 minute summer	FC24	330	186.778	0.478	0.8	0.6356	0.0000	SURCHARGED
600 minute summer	FC25	330	187.022	0.471	0.8	0.6276	0.0000	SURCHARGED
600 minute summer	FC26	615	186.599	0.149	0.6	1.5082	0.0000	SURCHARGED
600 minute summer	FC27	330	186.802	0.302	0.6	0.3897	0.0000	SURCHARGED
600 minute summer	FC28	330	186.972	0.471	0.8	0.6275	0.0000	SURCHARGED
600 minute summer	FC29	330	187.089	0.589	0.9	0.7955	0.0000	SURCHARGED
600 minute summer	FC30	330	187.222	0.472	0.8	0.6284	0.0000	SURCHARGED
600 minute summer	FC31	330	186.756	0.306	0.6	0.3951	0.0000	SURCHARGED
600 minute summer	FC32	330	186.754	0.304	0.6	0.3921	0.0000	SURCHARGED
600 minute summer	FC33	330	186.922	0.472	0.8	0.6286	0.0000	SURCHARGED
600 minute summer	FC34	330	186.929	0.479	0.8	0.6381	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC20	21.000	J18	0.7	0.996	0.043	0.0030
600 minute summer	FC21	22.000	J19	0.7	0.496	0.116	0.0599
600 minute summer	FC22	23.000	S17	0.4	0.583	0.020	0.0373
600 minute summer	FC23	24.000	J20	0.5	0.483	0.086	0.0359
600 minute summer	FC24	25.000	J21	0.7	0.578	0.092	0.0363
600 minute summer	FC25	26.000	J22	0.7	0.989	0.043	0.0275
600 minute summer	FC26	27.000	J23	0.4	0.731	0.028	0.0361
600 minute summer	FC27	28.000	J24	0.5	1.018	0.030	0.0352
600 minute summer	FC28	29.000	J25	0.7	0.994	0.043	0.0341
600 minute summer	FC29	30.000	J26	0.8	1.000	0.050	0.0369
600 minute summer	FC30	31.000	J27	0.7	0.928	0.047	0.0174
600 minute summer	FC31	33.000	J28	0.5	0.285	0.060	0.0096
600 minute summer	FC32	34.000	J29	0.5	0.251	0.043	0.0106
600 minute summer	FC33	35.000	S12	0.7	0.912	0.048	0.0031
600 minute summer	FC34	36.000	J30	0.7	0.508	0.111	0.0064

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Results for 100 year +45% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC35	330	186.922	0.472	0.8	0.6282	0.0000	SURCHARGED
600 minute summer	FC36	330	187.038	0.588	0.9	0.7949	0.0000	SURCHARGED
600 minute summer	FC37	330	186.430	0.630	1.0	1.0577	0.0000	SURCHARGED
600 minute summer	FC38	345	185.585	0.135	0.6	1.6242	0.0000	SURCHARGED
600 minute summer	FC39	330	185.753	0.303	0.6	0.3914	0.0000	SURCHARGED
600 minute summer	FC40	330	185.970	0.470	0.8	0.6261	0.0000	SURCHARGED
600 minute summer	FC41	330	185.324	0.474	0.8	0.6315	0.0000	SURCHARGED
600 minute summer	FC42	330	185.076	0.476	0.8	0.6337	0.0000	SURCHARGED
600 minute summer	FC43	330	185.074	0.474	0.8	0.6313	0.0000	SURCHARGED
600 minute summer	FC44	315	184.616	0.016	0.6	0.0209	0.0000	OK
600 minute summer	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
600 minute summer	FC46	345	185.342	0.642	1.1	1.3520	0.0000	SURCHARGED
600 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute summer	FC48	330	185.272	0.472	0.8	0.6282	0.0000	SURCHARGED
600 minute summer	FC49	330	185.280	0.480	0.8	0.6388	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC35	37.000	J31	0.7	0.896	0.048	0.0044
600 minute summer	FC36	38.000	J32	0.8	0.995	0.048	0.0048
600 minute summer	FC37	39.000	J33	0.8	0.686	0.089	0.0075
600 minute summer	FC38	40.000	J34	0.4	0.691	0.028	0.0024
600 minute summer	FC39	41.000	J35	0.5	0.867	0.038	0.0028
600 minute summer	FC40	42.000	J36	0.7	1.133	0.036	0.0031
600 minute summer	FC41	43.000	J37	0.7	0.739	0.065	0.0047
600 minute summer	FC42	44.000	J38	0.7	0.644	0.079	0.0052
600 minute summer	FC43	45.000	J39	0.7	0.752	0.063	0.0039
600 minute summer	FC44	46.000	J40	0.6	0.746	0.053	0.0035
600 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
600 minute summer	FC46	48.000	S20	0.8	0.464	0.134	0.0110
600 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0055
600 minute summer	FC48	50.000	J42	0.7	0.414	0.049	0.0088
600 minute summer	FC49	51.000	S21	0.7	0.492	0.115	0.0061

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Results for 100 year +45% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC50	330	185.280	0.480	0.8	0.6388	0.0000	SURCHARGED
600 minute summer	FC51	330	185.330	0.480	0.8	0.6386	0.0000	SURCHARGED
600 minute summer	FC52	330	185.871	0.621	0.9	0.8823	0.0000	SURCHARGED
600 minute summer	FC53	330	185.726	0.476	0.8	0.6330	0.0000	SURCHARGED
600 minute summer	FC54	330	185.555	0.305	0.6	0.3940	0.0000	SURCHARGED
600 minute summer	FC55	330	185.553	0.303	0.6	0.3911	0.0000	SURCHARGED
600 minute summer	FC56	330	185.822	0.472	0.8	0.6277	0.0000	SURCHARGED
600 minute summer	FC57	330	185.822	0.472	0.8	0.6284	0.0000	SURCHARGED
600 minute summer	FC58	330	185.654	0.304	0.6	0.3919	0.0000	SURCHARGED
600 minute summer	FC59	330	185.654	0.304	0.6	0.3928	0.0000	SURCHARGED
600 minute summer	FC60	330	185.823	0.473	0.8	0.6301	0.0000	SURCHARGED
600 minute summer	FC61	330	185.776	0.476	0.8	0.6335	0.0000	SURCHARGED
600 minute summer	FC62	345	185.908	0.658	1.2	1.7610	0.0000	SURCHARGED
600 minute summer	FC63	330	185.711	0.311	0.6	0.4012	0.0000	SURCHARGED
600 minute summer	FC64	330	185.480	0.480	0.8	0.6387	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC50	52.000	J43	0.7	0.492	0.116	0.0065
600 minute summer	FC51	55.000	S22	0.7	0.495	0.116	0.0085
600 minute summer	FC52	58.000	S23	0.8	0.748	0.078	0.0057
600 minute summer	FC53	61.000	J50	0.7	0.675	0.074	0.0043
600 minute summer	FC54	62.000	J51	0.5	0.703	0.051	0.0031
600 minute summer	FC55	64.000	J53	0.5	0.886	0.036	0.0026
600 minute summer	FC56	53.000	J44	0.7	0.977	0.044	0.0046
600 minute summer	FC57	54.000	J45	0.7	0.918	0.048	0.0048
600 minute summer	FC58	56.000	J46	0.5	0.825	0.041	0.0041
600 minute summer	FC59	57.000	J47	0.5	0.765	0.045	0.0046
600 minute summer	FC60	59.000	J48	0.7	0.808	0.058	0.0056
600 minute summer	FC61	60.000	J49	0.7	0.649	0.079	0.0078
600 minute summer	FC62	63.000	J52	0.8	0.626	0.105	0.0121
600 minute summer	FC63	65.000	S26	0.5	0.443	0.092	0.0030
600 minute summer	FC64	66.000	J54	0.7	0.337	0.116	0.0045

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Results for 100 year +45% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	FC65	330	185.620	0.470	0.8	0.6260	0.0000	SURCHARGED
600 minute summer	FC66	330	185.479	0.478	0.8	0.6369	0.0000	SURCHARGED
600 minute summer	FC67	345	184.949	0.149	0.6	1.5383	0.0000	SURCHARGED
600 minute summer	FC68	330	184.857	0.307	0.6	0.3962	0.0000	SURCHARGED
600 minute summer	J1	315	188.239	0.039	2.5	0.0531	0.0000	OK
600 minute summer	J2	315	188.166	0.060	3.1	0.0679	0.0000	OK
600 minute summer	J3	315	188.102	0.056	3.9	0.0638	0.0000	OK
600 minute summer	J4	315	188.076	0.041	4.5	0.0460	0.0000	OK
600 minute summer	J5	315	187.947	0.037	5.2	0.0421	0.0000	OK
600 minute summer	J6	315	187.708	0.058	5.7	0.0651	0.0000	OK
600 minute summer	J7	315	187.671	0.071	6.2	0.0805	0.0000	OK
600 minute summer	J8	315	187.645	0.052	6.9	0.0585	0.0000	OK
600 minute summer	J9	315	187.347	0.072	7.4	0.0809	0.0000	OK
600 minute summer	J10	315	187.312	0.042	8.2	0.0475	0.0000	OK
600 minute summer	J11	315	187.182	0.061	8.8	0.0693	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	FC65	67.000	J55	0.7	0.368	0.037	0.0044
600 minute summer	FC66	68.000	S24	0.7	0.552	0.095	0.0026
600 minute summer	FC67	69.000	J56	0.4	0.404	0.062	0.0019
600 minute summer	FC68	70.000	J57	0.5	0.608	0.061	0.0042
600 minute summer	J1	1.001	J2	2.5	0.640	0.298	0.0195
600 minute summer	J2	1.002	J3	3.1	0.700	0.531	0.0047
600 minute summer	J3	1.003	J4	3.9	0.799	0.297	0.0097
600 minute summer	J4	1.004	J5	4.5	1.235	0.133	0.0128
600 minute summer	J5	1.005	J6	5.2	1.080	0.135	0.0273
600 minute summer	J6	1.006	J7	5.7	0.788	0.200	0.0142
600 minute summer	J7	1.007	J8	6.2	0.918	0.447	0.0077
600 minute summer	J8	1.008	J9	6.9	1.336	0.228	0.0437
600 minute summer	J9	1.009	J10	7.4	0.949	0.223	0.0096
600 minute summer	J10	1.010	J11	8.2	1.199	0.064	0.0169
600 minute summer	J11	1.011	S2	8.8	0.689	0.137	0.0697

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Results for 100 year +45% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J12	315	186.877	0.068	11.8	0.0767	0.0000	OK
600 minute summer	J13	315	186.824	0.122	12.2	0.1377	0.0000	OK
600 minute summer	J14	315	186.810	0.115	12.7	0.1302	0.0000	OK
600 minute summer	J15	315	186.791	0.103	13.3	0.1165	0.0000	OK
600 minute summer	J16	315	186.755	0.085	13.8	0.0958	0.0000	OK
600 minute summer	J17	615	186.598	0.240	14.3	0.2716	0.0000	SURCHARGED
600 minute summer	J18	615	186.596	0.402	16.7	0.4547	0.0000	SURCHARGED
600 minute summer	J19	645	186.607	0.580	17.3	0.6556	0.0000	SURCHARGED
600 minute summer	J20	615	186.599	0.668	0.9	0.7550	0.0000	SURCHARGED
600 minute summer	J21	615	186.599	0.704	1.4	0.7958	0.0000	SURCHARGED
600 minute summer	J22	615	186.599	0.781	1.9	0.8833	0.0000	SURCHARGED
600 minute summer	J23	615	186.599	0.816	2.2	0.9233	0.0000	SURCHARGED
600 minute summer	J24	615	186.600	0.950	3.9	1.0743	0.0000	SURCHARGED
600 minute summer	J25	615	186.601	0.986	4.3	1.1155	0.0000	SURCHARGED
600 minute summer	J26	615	186.599	1.012	4.9	1.1448	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J12	1.013	J13	11.8	0.745	0.177	0.1035
600 minute summer	J13	1.014	J14	12.2	0.576	0.388	0.0401
600 minute summer	J14	1.015	J15	12.7	0.667	0.407	0.0365
600 minute summer	J15	1.016	J16	13.3	0.846	0.433	0.0804
600 minute summer	J16	1.017	J17	13.8	1.115	0.229	0.0416
600 minute summer	J17	1.018	S3	14.3	1.082	0.098	0.0750
600 minute summer	J18	1.020	J19	16.7	1.829	0.128	0.0592
600 minute summer	J19	1.021	S4	17.3	0.754	0.314	0.3096
600 minute summer	J20	23.002	J21	0.8	0.413	0.132	0.0295
600 minute summer	J21	23.003	J22	1.4	0.499	0.230	0.0627
600 minute summer	J22	23.004	J23	1.9	0.563	0.326	0.0281
600 minute summer	J23	23.005	S18	2.0	0.650	0.334	0.0587
600 minute summer	J24	23.007	J25	3.7	0.518	0.282	0.1088
600 minute summer	J25	23.008	J26	4.2	0.533	0.313	0.0874
600 minute summer	J26	23.009	S19	4.7	0.615	0.354	0.0652

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Results for 100 year +45% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J27	615	186.601	1.140	6.9	1.2892	0.0000	SURCHARGED
600 minute summer	J28	315	186.404	0.048	2.5	0.0539	0.0000	OK
600 minute summer	J29	315	186.326	0.055	3.1	0.0625	0.0000	OK
600 minute summer	J30	315	186.214	0.067	4.4	0.0752	0.0000	OK
600 minute summer	J31	315	186.187	0.068	5.1	0.0773	0.0000	OK
600 minute summer	J32	315	186.135	0.071	5.8	0.0801	0.0000	OK
600 minute summer	J33	315	185.658	0.048	7.9	0.0544	0.0000	OK
600 minute summer	J34	315	185.206	0.081	10.0	0.0913	0.0000	OK
600 minute summer	J35	315	185.128	0.053	10.6	0.0602	0.0000	OK
600 minute summer	J36	315	184.964	0.089	11.2	0.1010	0.0000	OK
600 minute summer	J37	315	184.670	0.095	13.2	0.1076	0.0000	OK
600 minute summer	J38	315	184.495	0.120	14.4	0.1352	0.0000	OK
600 minute summer	J39	315	184.456	0.118	15.0	0.1330	0.0000	OK
600 minute summer	J40	315	184.426	0.101	15.6	0.1140	0.0000	OK
600 minute summer	J41	315	184.628	0.031	1.2	0.0352	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J27	23.011	S4	6.7	0.535	0.225	0.0951
600 minute summer	J28	32.001	J29	2.5	0.626	0.429	0.0358
600 minute summer	J29	32.002	S12	3.1	0.729	0.519	0.0197
600 minute summer	J30	32.004	J31	4.4	0.577	0.334	0.0382
600 minute summer	J31	32.005	J32	5.1	0.638	0.384	0.0779
600 minute summer	J32	32.006	S13	5.8	0.881	0.439	0.0352
600 minute summer	J33	32.008	S14	7.9	1.008	0.223	0.0717
600 minute summer	J34	32.010	J35	10.0	1.014	0.260	0.0900
600 minute summer	J35	32.011	J36	10.6	0.981	0.119	0.0749
600 minute summer	J36	32.012	S15	11.6	1.050	0.386	0.0264
600 minute summer	J37	32.014	S16	13.1	1.150	0.430	0.0599
600 minute summer	J38	32.016	J39	14.4	0.677	0.476	0.2294
600 minute summer	J39	32.017	J40	15.0	0.787	0.488	0.0698
600 minute summer	J40	32.018	S10	15.6	0.956	0.363	0.1563
600 minute summer	J41	48.002	J42	1.2	0.492	0.200	0.0152

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Results for 100 year +45% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J42	315	184.576	0.039	1.9	0.0439	0.0000	OK
600 minute summer	J43	675	184.569	0.209	3.5	0.2369	0.0000	SURCHARGED
600 minute summer	J44	675	184.574	0.224	4.2	0.2536	0.0000	SURCHARGED
600 minute summer	J45	675	184.576	0.276	4.9	0.3121	0.0000	SURCHARGED
600 minute summer	J46	675	184.592	0.320	6.7	0.3624	0.0000	SURCHARGED
600 minute summer	J47	675	184.585	0.337	7.2	0.3808	0.0000	SURCHARGED
600 minute summer	J48	675	184.606	0.452	9.0	0.5115	0.0000	SURCHARGED
600 minute summer	J49	735	184.607	0.478	21.8	0.5403	0.0000	SURCHARGED
600 minute summer	J50	645	184.564	0.439	62.9	0.4966	0.0000	SURCHARGED
600 minute summer	J51	675	184.574	0.466	123.3	0.5267	0.0000	SURCHARGED
600 minute summer	J52	810	184.551	0.447	11.7	0.5059	0.0000	SURCHARGED
600 minute summer	J53	810	184.557	0.470	21.5	0.5320	0.0000	SURCHARGED
600 minute summer	J54	330	185.017	0.038	1.5	0.0426	0.0000	OK
600 minute summer	J55	330	184.988	0.044	2.2	0.0502	0.0000	OK
600 minute summer	J56	660	184.550	0.583	17.8	0.6589	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J42	48.003	S21	1.9	0.537	0.316	0.0386
600 minute summer	J43	48.005	J44	3.5	0.524	0.251	0.0283
600 minute summer	J44	48.006	J45	4.2	0.505	0.313	0.1545
600 minute summer	J45	48.007	S22	4.8	0.467	0.357	0.0419
600 minute summer	J46	48.009	J47	6.6	0.619	0.498	0.0742
600 minute summer	J47	48.010	S23	7.2	0.718	0.539	0.0465
600 minute summer	J48	48.012	J49	9.0	0.466	0.301	0.2962
600 minute summer	J49	48.013	J50	40.8	1.027	1.333	0.0451
600 minute summer	J50	48.014	J51	10.3	0.507	0.346	0.2018
600 minute summer	J51	48.015	J52	-121.8	-3.063	-3.974	0.0451
600 minute summer	J52	48.016	J53	18.9	0.628	0.618	0.1938
600 minute summer	J53	48.017	S24	12.2	0.743	0.405	0.4079
600 minute summer	J54	65.002	J55	1.5	0.506	0.258	0.0110
600 minute summer	J55	65.003	S24	2.2	0.680	0.376	0.0256
600 minute summer	J56	48.019	J57	17.8	0.601	0.329	0.6398

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Results for 100 year +45% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	J57	660	184.548	0.603	18.4	0.6816	0.0000	SURCHARGED
600 minute summer	BASIN 1	615	186.598	1.598	24.4	235.7277	0.0000	SURCHARGED
600 minute summer	BASIN 2	840	184.862	0.562	1.8	56.8922	0.0000	OK
600 minute summer	BASIN 3	645	183.358	0.258	17.5	182.1858	0.0000	OK
600 minute summer	BASIN 4	630	184.543	1.213	18.3	189.7104	0.0000	SURCHARGED
600 minute summer	SWALE 1	615	184.969	0.037	1.8	0.0423	0.0000	OK
600 minute summer	SWALE 2	840	184.483	0.032	1.2	0.0367	0.0000	OK
600 minute summer	SWALE 3	315	184.174	0.104	17.5	0.1180	0.0000	OK
600 minute summer	BH1	840	184.862	0.785	0.6	3.0789	0.0000	OK
600 minute summer	BH2	645	183.358	0.306	1.0	3.1237	0.0000	OK
600 minute summer	BH3	630	184.543	1.237	1.2	7.2480	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	J57	48.020	S25	18.4	0.656	0.340	0.5574
600 minute summer	BASIN 1	1.023	S5	1.8	0.207	0.033	0.6013
600 minute summer	BASIN 2	1.027	S7	1.2	0.423	0.023	0.0640
600 minute summer	BASIN 2	71.000	BH1	0.6	0.420	0.098	0.1829
600 minute summer	BASIN 3	1.034	BH2	1.0	0.262	0.012	2.3890
600 minute summer	BASIN 4	48.022	BH3	1.2	0.426	0.023	0.7181
600 minute summer	SWALE 1	1.025	S6	1.8	0.350	0.033	0.1911
600 minute summer	SWALE 2	1.029	S8	1.2	0.404	0.022	0.0774
600 minute summer	SWALE 3	1.033	BASIN 3	17.5	0.825	0.252	0.9151
600 minute summer	BH1	Infiltration		0.1			
600 minute summer	BH2	Infiltration		0.2			
600 minute summer	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.64%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S1	315	188.389	0.019	0.7	0.0259	0.0000	OK
600 minute winter	S2	315	187.131	0.092	9.4	0.1358	0.0000	OK
600 minute winter	S3	600	186.725	0.513	16.1	0.6671	0.0000	SURCHARGED
600 minute winter	S4	600	186.725	1.346	20.7	1.5996	0.0000	SURCHARGED
600 minute winter	S5	600	186.727	1.747	1.9	1.9755	0.0000	FLOOD RISK
600 minute winter	S6	840	184.883	0.039	1.8	0.0438	0.0000	OK
600 minute winter	S7	840	184.800	0.021	1.6	0.0240	0.0000	OK
600 minute winter	S8	840	184.412	0.022	1.6	0.0252	0.0000	OK
600 minute winter	S9	315	184.249	0.049	1.5	0.0551	0.0000	OK
600 minute winter	S10	315	184.249	0.065	14.4	0.0988	0.0000	OK
600 minute winter	S11	315	186.437	0.037	1.5	0.0596	0.0000	OK
600 minute winter	S12	315	186.229	0.053	3.0	0.0601	0.0000	OK
600 minute winter	S13	315	186.079	0.045	5.8	0.0635	0.0000	OK
600 minute winter	S14	315	185.329	0.079	7.9	0.1232	0.0000	OK
600 minute winter	S15	315	184.918	0.051	10.5	0.0705	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	S1	1.000	J1	0.7	0.421	0.080	0.0140
600 minute winter	S2	1.012	J12	9.4	0.679	0.316	0.0208
600 minute winter	S3	1.019	J18	13.7	1.049	0.446	0.2040
600 minute winter	S4	1.022	BASIN 1	20.6	1.156	0.123	1.1778
600 minute winter	S5	1.024	SWALE 1	1.8	0.354	0.034	0.1058
600 minute winter	S6	1.026	BASIN 2	1.8	0.405	0.034	0.0290
600 minute winter	S7	1.028	SWALE 2	1.6	0.456	0.010	0.0584
600 minute winter	S8	1.030	S9	1.5	0.470	0.011	0.0446
600 minute winter	S9	1.031	S10	1.5	0.501	0.029	0.0621
600 minute winter	S10	1.032	SWALE 3	14.4	0.967	0.080	0.0655
600 minute winter	S11	32.000	J28	1.5	0.537	0.252	0.0127
600 minute winter	S12	32.003	J30	3.0	0.507	0.227	0.0305
600 minute winter	S13	32.007	J33	5.8	1.348	0.181	0.0561
600 minute winter	S14	32.009	J34	7.9	0.905	0.458	0.0459
600 minute winter	S15	32.013	J37	10.3	1.010	0.111	0.0962

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Results for 100 year +45% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.64%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	S16	315	184.603	0.046	11.3	0.0587	0.0000	OK
600 minute winter	S17	600	186.726	0.726	0.4	0.8215	0.0000	FLOOD RISK
600 minute winter	S18	600	186.728	1.067	3.0	1.5074	0.0000	SURCHARGED
600 minute winter	S19	600	186.727	1.236	5.3	1.6931	0.0000	SURCHARGED
600 minute winter	S20	330	184.672	0.030	1.1	0.0366	0.0000	OK
600 minute winter	S21	615	184.673	0.214	2.4	0.2532	0.0000	SURCHARGED
600 minute winter	S22	615	184.683	0.397	7.3	0.4852	0.0000	SURCHARGED
600 minute winter	S23	615	184.682	0.524	28.0	0.6194	0.0000	SURCHARGED
600 minute winter	S24	720	184.666	0.689	14.9	1.0000	0.0000	SURCHARGED
600 minute winter	S25	690	184.652	0.726	17.5	0.8208	0.0000	SURCHARGED
600 minute winter	S26	330	185.396	0.019	0.7	0.0235	0.0000	OK
600 minute winter	FC1	330	188.606	0.356	0.6	0.4743	0.0000	SURCHARGED
600 minute winter	FC2	330	188.507	0.357	0.6	0.4748	0.0000	SURCHARGED
600 minute winter	FC3	360	188.839	0.639	1.0	1.3953	0.0000	SURCHARGED
600 minute winter	FC4	330	188.454	0.254	0.5	0.3284	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	S16	32.015	J38	11.3	0.953	0.077	0.0280
600 minute winter	S17	23.001	J20	0.3	0.270	0.054	0.0560
600 minute winter	S18	23.006	J24	2.8	0.485	0.206	0.0323
600 minute winter	S19	23.010	J27	5.1	0.457	0.171	0.3541
600 minute winter	S20	48.001	J41	1.1	0.549	0.179	0.0170
600 minute winter	S21	48.004	J43	2.9	0.690	0.496	0.0399
600 minute winter	S22	48.008	J46	-7.3	0.550	-0.543	0.0428
600 minute winter	S23	48.011	J48	-24.5	-0.615	-0.794	0.0447
600 minute winter	S24	48.018	J56	14.8	0.543	0.277	0.2989
600 minute winter	S25	48.021	BASIN 4	-17.5	0.725	-0.317	0.2248
600 minute winter	S26	65.001	J54	0.7	0.657	0.079	0.0090
600 minute winter	FC1	2.000	J1	0.6	0.358	0.095	0.0084
600 minute winter	FC2	3.000	J2	0.6	0.232	0.098	0.0122
600 minute winter	FC3	4.000	J3	0.8	0.547	0.124	0.0136
600 minute winter	FC4	5.000	J4	0.5	0.537	0.065	0.0067

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Results for 100 year +45% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.64%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC5	330	188.358	0.358	0.6	0.4758	0.0000	SURCHARGED
600 minute winter	FC6	330	188.103	0.253	0.5	0.3270	0.0000	SURCHARGED
600 minute winter	FC7	330	188.005	0.255	0.5	0.3291	0.0000	SURCHARGED
600 minute winter	FC8	330	188.103	0.353	0.6	0.4697	0.0000	SURCHARGED
600 minute winter	FC9	330	187.727	0.257	0.5	0.3312	0.0000	SURCHARGED
600 minute winter	FC10	330	188.068	0.598	0.8	0.8440	0.0000	SURCHARGED
600 minute winter	FC11	345	187.583	0.263	0.5	0.3444	0.0000	SURCHARGED
600 minute winter	FC12	345	187.493	0.263	0.5	0.3445	0.0000	SURCHARGED
600 minute winter	FC13	330	187.357	0.357	0.6	0.4755	0.0000	SURCHARGED
600 minute winter	FC14	375	187.085	0.185	0.6	2.3667	0.0000	SURCHARGED
600 minute winter	FC15	330	187.449	0.249	0.5	0.3213	0.0000	SURCHARGED
600 minute winter	FC16	330	187.156	0.256	0.5	0.3302	0.0000	SURCHARGED
600 minute winter	FC17	330	187.251	0.251	0.5	0.3237	0.0000	SURCHARGED
600 minute winter	FC18	330	186.807	0.257	0.5	0.3313	0.0000	SURCHARGED
600 minute winter	FC19	330	186.757	0.357	0.6	0.4756	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC5	6.000	J5	0.6	0.471	0.099	0.0052
600 minute winter	FC6	7.000	J6	0.5	0.591	0.057	0.0061
600 minute winter	FC7	8.000	J7	0.5	0.513	0.069	0.0070
600 minute winter	FC8	9.000	J8	0.6	0.667	0.060	0.0037
600 minute winter	FC9	10.000	J9	0.5	0.454	0.083	0.0078
600 minute winter	FC10	11.000	J10	0.8	0.554	0.115	0.0086
600 minute winter	FC11	12.000	J11	0.5	0.453	0.084	0.0085
600 minute winter	FC12	13.000	S2	0.5	0.453	0.084	0.0076
600 minute winter	FC13	14.000	J12	0.6	0.476	0.099	0.0084
600 minute winter	FC14	15.000	J13	0.4	0.431	0.070	0.0072
600 minute winter	FC15	16.000	J14	0.5	0.957	0.028	0.0024
600 minute winter	FC16	17.000	J15	0.5	0.481	0.076	0.0078
600 minute winter	FC17	18.000	J16	0.5	0.762	0.039	0.0031
600 minute winter	FC18	19.000	J17	0.5	0.451	0.083	0.0548
600 minute winter	FC19	20.000	S3	0.6	0.473	0.099	0.0517

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Results for 100 year +45% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.64%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC20	330	187.299	0.349	0.6	0.4649	0.0000	SURCHARGED
600 minute winter	FC21	585	186.732	0.432	0.6	0.5744	0.0000	SURCHARGED
600 minute winter	FC22	600	186.727	0.277	0.5	2.6955	0.0000	SURCHARGED
600 minute winter	FC23	585	186.732	0.432	0.5	0.5578	0.0000	SURCHARGED
600 minute winter	FC24	585	186.732	0.432	0.6	0.5750	0.0000	SURCHARGED
600 minute winter	FC25	330	186.899	0.349	0.6	0.4649	0.0000	SURCHARGED
600 minute winter	FC26	600	186.727	0.277	0.5	2.8031	0.0000	SURCHARGED
600 minute winter	FC27	330	186.749	0.249	0.5	0.3209	0.0000	SURCHARGED
600 minute winter	FC28	330	186.849	0.349	0.6	0.4649	0.0000	SURCHARGED
600 minute winter	FC29	330	186.918	0.418	0.7	0.5652	0.0000	SURCHARGED
600 minute winter	FC30	330	187.100	0.350	0.6	0.4657	0.0000	SURCHARGED
600 minute winter	FC31	330	186.703	0.253	0.5	0.3263	0.0000	SURCHARGED
600 minute winter	FC32	330	186.700	0.250	0.5	0.3233	0.0000	SURCHARGED
600 minute winter	FC33	330	186.800	0.350	0.6	0.4659	0.0000	SURCHARGED
600 minute winter	FC34	330	186.807	0.357	0.6	0.4751	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC20	21.000	J18	0.6	0.953	0.036	0.0141
600 minute winter	FC21	22.000	J19	0.6	0.474	0.099	0.0599
600 minute winter	FC22	23.000	S17	0.4	0.572	0.020	0.0373
600 minute winter	FC23	24.000	J20	0.5	0.469	0.078	0.0359
600 minute winter	FC24	25.000	J21	0.6	0.554	0.079	0.0363
600 minute winter	FC25	26.000	J22	0.6	0.945	0.037	0.0370
600 minute winter	FC26	27.000	J23	0.4	0.723	0.028	0.0361
600 minute winter	FC27	28.000	J24	0.5	0.983	0.027	0.0352
600 minute winter	FC28	29.000	J25	0.6	0.951	0.037	0.0341
600 minute winter	FC29	30.000	J26	0.6	0.950	0.042	0.0369
600 minute winter	FC30	31.000	J27	0.6	0.887	0.040	0.0180
600 minute winter	FC31	33.000	J28	0.5	0.275	0.054	0.0081
600 minute winter	FC32	34.000	J29	0.5	0.244	0.039	0.0091
600 minute winter	FC33	35.000	S12	0.6	0.872	0.041	0.0028
600 minute winter	FC34	36.000	J30	0.6	0.486	0.095	0.0057

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Results for 100 year +45% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.64%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC35	330	186.800	0.350	0.6	0.4658	0.0000	SURCHARGED
600 minute winter	FC36	330	186.868	0.418	0.7	0.5649	0.0000	SURCHARGED
600 minute winter	FC37	330	186.343	0.543	0.8	0.7558	0.0000	SURCHARGED
600 minute winter	FC38	360	185.588	0.138	0.5	1.6646	0.0000	SURCHARGED
600 minute winter	FC39	330	185.700	0.250	0.5	0.3226	0.0000	SURCHARGED
600 minute winter	FC40	330	185.848	0.348	0.6	0.4634	0.0000	SURCHARGED
600 minute winter	FC41	330	185.202	0.352	0.6	0.4688	0.0000	SURCHARGED
600 minute winter	FC42	330	184.954	0.354	0.6	0.4709	0.0000	SURCHARGED
600 minute winter	FC43	330	184.952	0.352	0.6	0.4685	0.0000	SURCHARGED
600 minute winter	FC44	300	184.615	0.015	0.5	0.0191	0.0000	OK
600 minute winter	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
600 minute winter	FC46	330	185.299	0.599	0.8	0.8453	0.0000	SURCHARGED
600 minute winter	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
600 minute winter	FC48	330	185.150	0.350	0.6	0.4656	0.0000	SURCHARGED
600 minute winter	FC49	330	185.158	0.357	0.6	0.4758	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC35	37.000	J31	0.6	0.878	0.041	0.0034
600 minute winter	FC36	38.000	J32	0.6	0.969	0.041	0.0033
600 minute winter	FC37	39.000	J33	0.7	0.672	0.083	0.0071
600 minute winter	FC38	40.000	J34	0.4	0.694	0.029	0.0024
600 minute winter	FC39	41.000	J35	0.5	0.841	0.034	0.0026
600 minute winter	FC40	42.000	J36	0.6	1.081	0.031	0.0027
600 minute winter	FC41	43.000	J37	0.6	0.707	0.056	0.0042
600 minute winter	FC42	44.000	J38	0.6	0.615	0.068	0.0047
600 minute winter	FC43	45.000	J39	0.6	0.720	0.054	0.0035
600 minute winter	FC44	46.000	J40	0.5	0.708	0.044	0.0031
600 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
600 minute winter	FC46	48.000	S20	0.8	0.453	0.129	0.0104
600 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0167
600 minute winter	FC48	50.000	J42	0.6	0.377	0.042	0.0200
600 minute winter	FC49	51.000	S21	0.6	0.471	0.099	0.0054

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Results for 100 year +45% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.64%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC50	330	185.158	0.357	0.6	0.4758	0.0000	SURCHARGED
600 minute winter	FC51	330	185.207	0.357	0.6	0.4756	0.0000	SURCHARGED
600 minute winter	FC52	330	185.717	0.467	0.7	0.6398	0.0000	SURCHARGED
600 minute winter	FC53	330	185.603	0.353	0.6	0.4702	0.0000	SURCHARGED
600 minute winter	FC54	330	185.502	0.252	0.5	0.3251	0.0000	SURCHARGED
600 minute winter	FC55	330	185.500	0.250	0.5	0.3224	0.0000	SURCHARGED
600 minute winter	FC56	330	185.699	0.349	0.6	0.4650	0.0000	SURCHARGED
600 minute winter	FC57	330	185.700	0.350	0.6	0.4658	0.0000	SURCHARGED
600 minute winter	FC58	330	185.600	0.250	0.5	0.3231	0.0000	SURCHARGED
600 minute winter	FC59	330	185.601	0.251	0.5	0.3240	0.0000	SURCHARGED
600 minute winter	FC60	330	185.701	0.351	0.6	0.4674	0.0000	SURCHARGED
600 minute winter	FC61	330	185.654	0.354	0.6	0.4707	0.0000	SURCHARGED
600 minute winter	FC62	345	185.881	0.631	0.9	1.1527	0.0000	SURCHARGED
600 minute winter	FC63	330	185.657	0.257	0.5	0.3321	0.0000	SURCHARGED
600 minute winter	FC64	330	185.357	0.357	0.6	0.4755	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC50	52.000	J43	0.6	0.472	0.099	0.0058
600 minute winter	FC51	55.000	S22	0.6	0.474	0.099	0.0076
600 minute winter	FC52	58.000	S23	0.7	0.717	0.067	0.0051
600 minute winter	FC53	61.000	J50	0.6	0.646	0.063	0.0039
600 minute winter	FC54	62.000	J51	0.5	0.682	0.046	0.0029
600 minute winter	FC55	64.000	J53	0.5	0.860	0.033	0.0024
600 minute winter	FC56	53.000	J44	0.6	0.934	0.038	0.0041
600 minute winter	FC57	54.000	J45	0.6	0.876	0.041	0.0043
600 minute winter	FC58	56.000	J46	0.5	0.801	0.037	0.0038
600 minute winter	FC59	57.000	J47	0.5	0.742	0.041	0.0042
600 minute winter	FC60	59.000	J48	0.6	0.774	0.049	0.0050
600 minute winter	FC61	60.000	J49	0.6	0.620	0.068	0.0070
600 minute winter	FC62	63.000	J52	0.8	0.623	0.103	0.0119
600 minute winter	FC63	65.000	S26	0.5	0.443	0.083	0.0027
600 minute winter	FC64	66.000	J54	0.6	0.329	0.099	0.0040

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Results for 100 year +45% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.64%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	FC65	330	185.498	0.348	0.6	0.4634	0.0000	SURCHARGED
600 minute winter	FC66	330	185.356	0.356	0.6	0.4739	0.0000	SURCHARGED
600 minute winter	FC67	360	184.951	0.151	0.5	1.5609	0.0000	SURCHARGED
600 minute winter	FC68	330	184.804	0.254	0.5	0.3273	0.0000	SURCHARGED
600 minute winter	J1	315	188.234	0.034	2.0	0.0461	0.0000	OK
600 minute winter	J2	315	188.159	0.053	2.5	0.0597	0.0000	OK
600 minute winter	J3	315	188.098	0.052	3.3	0.0585	0.0000	OK
600 minute winter	J4	315	188.072	0.037	3.8	0.0421	0.0000	OK
600 minute winter	J5	315	187.944	0.034	4.4	0.0389	0.0000	OK
600 minute winter	J6	315	187.702	0.052	4.9	0.0588	0.0000	OK
600 minute winter	J7	315	187.666	0.065	5.4	0.0740	0.0000	OK
600 minute winter	J8	315	187.641	0.048	5.9	0.0537	0.0000	OK
600 minute winter	J9	315	187.341	0.066	6.4	0.0749	0.0000	OK
600 minute winter	J10	315	187.309	0.039	7.2	0.0438	0.0000	OK
600 minute winter	J11	315	187.178	0.056	7.6	0.0639	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	FC65	67.000	J55	0.6	0.359	0.031	0.0038
600 minute winter	FC66	68.000	S24	0.6	0.529	0.081	0.0023
600 minute winter	FC67	69.000	J56	0.4	0.405	0.063	0.0019
600 minute winter	FC68	70.000	J57	1.2	0.591	0.138	0.0178
600 minute winter	J1	1.001	J2	2.0	0.605	0.238	0.0164
600 minute winter	J2	1.002	J3	2.5	0.663	0.430	0.0040
600 minute winter	J3	1.003	J4	3.3	0.763	0.251	0.0086
600 minute winter	J4	1.004	J5	3.8	1.186	0.114	0.0114
600 minute winter	J5	1.005	J6	4.4	1.048	0.115	0.0240
600 minute winter	J6	1.006	J7	4.9	0.762	0.171	0.0126
600 minute winter	J7	1.007	J8	5.3	0.882	0.384	0.0069
600 minute winter	J8	1.008	J9	5.9	1.284	0.196	0.0390
600 minute winter	J9	1.009	J10	6.4	0.913	0.192	0.0086
600 minute winter	J10	1.010	J11	7.2	1.171	0.055	0.0151
600 minute winter	J11	1.011	S2	7.6	0.669	0.119	0.0620

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Results for 100 year +45% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.64%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J12	315	186.870	0.061	10.0	0.0693	0.0000	OK
600 minute winter	J13	315	186.813	0.111	10.4	0.1253	0.0000	OK
600 minute winter	J14	315	186.800	0.105	10.8	0.1189	0.0000	OK
600 minute winter	J15	315	186.783	0.094	11.3	0.1068	0.0000	OK
600 minute winter	J16	315	186.748	0.078	11.8	0.0877	0.0000	OK
600 minute winter	J17	600	186.727	0.369	12.3	0.4173	0.0000	SURCHARGED
600 minute winter	J18	600	186.728	0.534	14.2	0.6034	0.0000	SURCHARGED
600 minute winter	J19	600	186.726	0.699	14.8	0.7907	0.0000	SURCHARGED
600 minute winter	J20	600	186.727	0.796	0.8	0.8999	0.0000	SURCHARGED
600 minute winter	J21	600	186.727	0.832	1.2	0.9409	0.0000	SURCHARGED
600 minute winter	J22	600	186.728	0.910	1.7	1.0287	0.0000	SURCHARGED
600 minute winter	J23	600	186.728	0.945	2.0	1.0684	0.0000	SURCHARGED
600 minute winter	J24	600	186.728	1.078	3.3	1.2189	0.0000	SURCHARGED
600 minute winter	J25	600	186.727	1.112	3.7	1.2579	0.0000	SURCHARGED
600 minute winter	J26	600	186.727	1.140	4.2	1.2895	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J12	1.013	J13	10.0	0.718	0.149	0.0911
600 minute winter	J13	1.014	J14	10.4	0.551	0.330	0.0357
600 minute winter	J14	1.015	J15	10.8	0.638	0.347	0.0326
600 minute winter	J15	1.016	J16	11.3	0.813	0.370	0.0715
600 minute winter	J16	1.017	J17	11.8	1.073	0.196	0.0419
600 minute winter	J17	1.018	S3	15.0	1.057	0.103	0.0750
600 minute winter	J18	1.020	J19	14.2	1.770	0.110	0.0592
600 minute winter	J19	1.021	S4	14.8	0.720	0.268	0.3096
600 minute winter	J20	23.002	J21	0.7	0.404	0.120	0.0295
600 minute winter	J21	23.003	J22	1.2	0.496	0.205	0.0627
600 minute winter	J22	23.004	J23	1.7	0.557	0.286	0.0281
600 minute winter	J23	23.005	S18	1.8	0.647	0.306	0.0587
600 minute winter	J24	23.007	J25	3.1	0.515	0.234	0.1088
600 minute winter	J25	23.008	J26	3.6	0.519	0.269	0.0874
600 minute winter	J26	23.009	S19	4.1	0.599	0.307	0.0652

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Results for 100 year +45% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.64%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J27	600	186.729	1.268	5.7	1.4337	0.0000	SURCHARGED
600 minute winter	J28	315	186.397	0.041	2.0	0.0464	0.0000	OK
600 minute winter	J29	315	186.319	0.048	2.5	0.0545	0.0000	OK
600 minute winter	J30	315	186.206	0.059	3.6	0.0665	0.0000	OK
600 minute winter	J31	315	186.180	0.061	4.2	0.0688	0.0000	OK
600 minute winter	J32	315	186.128	0.064	4.8	0.0721	0.0000	OK
600 minute winter	J33	315	185.654	0.044	6.5	0.0493	0.0000	OK
600 minute winter	J34	315	185.198	0.073	8.3	0.0827	0.0000	OK
600 minute winter	J35	315	185.123	0.048	8.7	0.0539	0.0000	OK
600 minute winter	J36	315	184.956	0.081	9.3	0.0917	0.0000	OK
600 minute winter	J37	315	184.661	0.086	10.8	0.0974	0.0000	OK
600 minute winter	J38	315	184.481	0.106	11.9	0.1200	0.0000	OK
600 minute winter	J39	330	184.443	0.105	12.4	0.1189	0.0000	OK
600 minute winter	J40	330	184.415	0.090	12.9	0.1022	0.0000	OK
600 minute winter	J41	615	184.672	0.075	1.6	0.0851	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J27	23.011	S4	5.6	0.528	0.187	0.0951
600 minute winter	J28	32.001	J29	2.0	0.587	0.335	0.0298
600 minute winter	J29	32.002	S12	2.5	0.691	0.415	0.0166
600 minute winter	J30	32.004	J31	3.6	0.551	0.272	0.0326
600 minute winter	J31	32.005	J32	4.2	0.605	0.315	0.0674
600 minute winter	J32	32.006	S13	4.8	0.841	0.362	0.0305
600 minute winter	J33	32.008	S14	6.5	0.977	0.184	0.0616
600 minute winter	J34	32.010	J35	8.3	0.966	0.214	0.0779
600 minute winter	J35	32.011	J36	8.7	0.934	0.098	0.0652
600 minute winter	J36	32.012	S15	9.6	0.991	0.319	0.0231
600 minute winter	J37	32.014	S16	10.8	1.106	0.354	0.0515
600 minute winter	J38	32.016	J39	11.8	0.648	0.392	0.1978
600 minute winter	J39	32.017	J40	12.4	0.751	0.403	0.0605
600 minute winter	J40	32.018	S10	12.9	0.912	0.300	0.1357
600 minute winter	J41	48.002	J42	-1.6	0.476	-0.273	0.0439

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Results for 100 year +45% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.64%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J42	615	184.675	0.138	1.7	0.1565	0.0000	SURCHARGED
600 minute winter	J43	750	184.668	0.308	3.0	0.3484	0.0000	SURCHARGED
600 minute winter	J44	750	184.669	0.319	3.6	0.3607	0.0000	SURCHARGED
600 minute winter	J45	615	184.684	0.384	5.4	0.4345	0.0000	SURCHARGED
600 minute winter	J46	615	184.681	0.409	7.4	0.4626	0.0000	SURCHARGED
600 minute winter	J47	735	184.683	0.435	6.3	0.4923	0.0000	SURCHARGED
600 minute winter	J48	615	184.681	0.527	7.8	0.5965	0.0000	SURCHARGED
600 minute winter	J49	615	184.677	0.547	25.7	0.6192	0.0000	SURCHARGED
600 minute winter	J50	615	184.672	0.547	21.9	0.6190	0.0000	SURCHARGED
600 minute winter	J51	720	184.679	0.571	9.5	0.6461	0.0000	SURCHARGED
600 minute winter	J52	615	184.665	0.560	15.5	0.6339	0.0000	SURCHARGED
600 minute winter	J53	735	184.677	0.590	10.7	0.6671	0.0000	SURCHARGED
600 minute winter	J54	330	185.013	0.034	1.3	0.0383	0.0000	OK
600 minute winter	J55	330	184.984	0.040	1.9	0.0454	0.0000	OK
600 minute winter	J56	720	184.663	0.696	15.1	0.7875	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J42	48.003	S21	2.4	0.527	0.410	0.0640
600 minute winter	J43	48.005	J44	3.0	0.511	0.216	0.0283
600 minute winter	J44	48.006	J45	3.6	0.499	0.270	0.1545
600 minute winter	J45	48.007	S22	-5.4	0.459	-0.398	0.0419
600 minute winter	J46	48.009	J47	-7.4	0.600	-0.557	0.0742
600 minute winter	J47	48.010	S23	6.3	0.694	0.469	0.0465
600 minute winter	J48	48.012	J49	9.6	0.455	0.320	0.2962
600 minute winter	J49	48.013	J50	-19.0	-0.477	-0.618	0.0451
600 minute winter	J50	48.014	J51	9.0	0.488	0.300	0.2018
600 minute winter	J51	48.015	J52	9.4	0.519	0.308	0.0451
600 minute winter	J52	48.016	J53	10.2	0.606	0.335	0.1938
600 minute winter	J53	48.017	S24	10.7	0.714	0.354	0.4079
600 minute winter	J54	65.002	J55	1.3	0.484	0.216	0.0096
600 minute winter	J55	65.003	S24	1.9	0.651	0.316	0.0225
600 minute winter	J56	48.019	J57	15.1	0.573	0.278	0.6398

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Results for 100 year +45% CC 600 minute winter. 840 minute analysis at 15 minute timestep. Mass balance: 99.64%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute winter	J57	720	184.659	0.714	17.8	0.8071	0.0000	SURCHARGED
600 minute winter	BASIN 1	600	186.727	1.727	20.6	260.1845	0.0000	FLOOD RISK
600 minute winter	BASIN 2	840	184.866	0.566	1.8	57.3423	0.0000	OK
600 minute winter	BASIN 3	840	183.390	0.290	14.4	205.4173	0.0000	OK
600 minute winter	BASIN 4	675	184.652	1.322	15.2	210.5931	0.0000	SURCHARGED
600 minute winter	SWALE 1	600	184.970	0.038	1.8	0.0431	0.0000	OK
600 minute winter	SWALE 2	840	184.486	0.036	1.6	0.0410	0.0000	OK
600 minute winter	SWALE 3	315	184.164	0.094	14.4	0.1064	0.0000	OK
600 minute winter	BH1	840	184.866	0.789	0.6	3.0901	0.0000	OK
600 minute winter	BH2	840	183.390	0.338	0.9	3.2827	0.0000	OK
600 minute winter	BH3	675	184.652	1.346	1.7	7.3713	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute winter	J57	48.020	S25	-17.3	0.622	-0.320	0.5574
600 minute winter	BASIN 1	1.023	S5	1.9	0.068	0.035	0.6013
600 minute winter	BASIN 2	1.027	S7	1.6	0.457	0.029	0.0759
600 minute winter	BASIN 2	71.000	BH1	0.6	0.423	0.096	0.1829
600 minute winter	BASIN 3	1.034	BH2	0.9	0.272	0.011	2.6457
600 minute winter	BASIN 4	48.022	BH3	1.7	0.477	0.033	0.7181
600 minute winter	SWALE 1	1.025	S6	1.8	0.354	0.035	0.1963
600 minute winter	SWALE 2	1.029	S8	1.6	0.442	0.029	0.0921
600 minute winter	SWALE 3	1.033	BASIN 3	14.4	0.782	0.208	0.7958
600 minute winter	BH1	Infiltration		0.1			
600 minute winter	BH2	Infiltration		0.2			
600 minute winter	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S1	375	188.391	0.020	0.8	0.0277	0.0000	OK
720 minute summer	S2	375	187.136	0.097	10.4	0.1429	0.0000	OK
720 minute summer	S3	720	186.668	0.456	25.8	0.5927	0.0000	SURCHARGED
720 minute summer	S4	720	186.668	1.290	22.8	1.5322	0.0000	SURCHARGED
720 minute summer	S5	735	186.668	1.688	1.8	1.9090	0.0000	SURCHARGED
720 minute summer	S6	900	184.883	0.039	1.8	0.0437	0.0000	OK
720 minute summer	S7	960	184.801	0.022	1.7	0.0248	0.0000	OK
720 minute summer	S8	960	184.413	0.023	1.7	0.0261	0.0000	OK
720 minute summer	S9	375	184.254	0.054	1.7	0.0609	0.0000	OK
720 minute summer	S10	375	184.254	0.070	16.3	0.1066	0.0000	OK
720 minute summer	S11	375	186.441	0.041	1.8	0.0663	0.0000	OK
720 minute summer	S12	375	186.234	0.058	3.5	0.0655	0.0000	OK
720 minute summer	S13	375	186.082	0.048	6.6	0.0682	0.0000	OK
720 minute summer	S14	375	185.335	0.085	9.0	0.1331	0.0000	OK
720 minute summer	S15	375	184.920	0.053	11.4	0.0746	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	S1	1.000	J1	0.8	0.440	0.092	0.0154
720 minute summer	S2	1.012	J12	10.4	0.699	0.348	0.0222
720 minute summer	S3	1.019	J18	15.0	1.069	0.491	0.2040
720 minute summer	S4	1.022	BASIN 1	22.6	1.363	0.135	1.1778
720 minute summer	S5	1.024	SWALE 1	1.8	0.352	0.034	0.1045
720 minute summer	S6	1.026	BASIN 2	1.8	0.403	0.033	0.0295
720 minute summer	S7	1.028	SWALE 2	1.7	0.465	0.011	0.0614
720 minute summer	S8	1.030	S9	1.7	0.482	0.012	0.0515
720 minute summer	S9	1.031	S10	1.7	0.514	0.031	0.0702
720 minute summer	S10	1.032	SWALE 3	16.3	0.992	0.090	0.0721
720 minute summer	S11	32.000	J28	1.8	0.565	0.303	0.0146
720 minute summer	S12	32.003	J30	3.5	0.524	0.262	0.0340
720 minute summer	S13	32.007	J33	6.6	1.399	0.206	0.0616
720 minute summer	S14	32.009	J34	9.0	0.932	0.518	0.0505
720 minute summer	S15	32.013	J37	11.5	1.041	0.125	0.1044

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Results for 100 year +45% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	S16	375	184.608	0.051	12.8	0.0640	0.0000	OK
720 minute summer	S17	720	186.668	0.668	0.4	0.7553	0.0000	SURCHARGED
720 minute summer	S18	720	186.668	1.007	3.3	1.4226	0.0000	SURCHARGED
720 minute summer	S19	735	186.670	1.179	5.8	1.6155	0.0000	SURCHARGED
720 minute summer	S20	375	184.674	0.032	1.2	0.0387	0.0000	OK
720 minute summer	S21	855	184.651	0.192	2.7	0.2273	0.0000	SURCHARGED
720 minute summer	S22	735	184.638	0.352	5.8	0.4304	0.0000	SURCHARGED
720 minute summer	S23	780	184.796	0.638	8.0	0.7543	0.0000	SURCHARGED
720 minute summer	S24	795	184.628	0.651	16.7	0.9458	0.0000	SURCHARGED
720 minute summer	S25	795	184.627	0.701	17.4	0.7928	0.0000	SURCHARGED
720 minute summer	S26	375	185.398	0.021	0.8	0.0259	0.0000	OK
720 minute summer	FC1	390	188.664	0.414	0.7	0.5510	0.0000	SURCHARGED
720 minute summer	FC2	390	188.564	0.414	0.7	0.5516	0.0000	SURCHARGED
720 minute summer	FC3	405	188.847	0.647	1.1	1.6111	0.0000	SURCHARGED
720 minute summer	FC4	390	188.508	0.308	0.6	0.3977	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	S16	32.015	J38	12.8	0.970	0.087	0.0311
720 minute summer	S17	23.001	J20	0.3	0.266	0.052	0.0560
720 minute summer	S18	23.006	J24	3.1	0.486	0.229	0.0323
720 minute summer	S19	23.010	J27	6.3	0.434	0.211	0.3541
720 minute summer	S20	48.001	J41	1.2	0.562	0.199	0.0097
720 minute summer	S21	48.004	J43	2.7	0.709	0.461	0.0399
720 minute summer	S22	48.008	J46	5.8	0.559	0.432	0.0428
720 minute summer	S23	48.011	J48	90.7	2.282	2.943	0.0447
720 minute summer	S24	48.018	J56	16.7	0.559	0.312	0.2989
720 minute summer	S25	48.021	BASIN 4	17.2	0.737	0.312	0.2248
720 minute summer	S26	65.001	J54	0.8	0.695	0.096	0.0103
720 minute summer	FC1	2.000	J1	0.6	0.378	0.102	0.0091
720 minute summer	FC2	3.000	J2	0.6	0.244	0.107	0.0132
720 minute summer	FC3	4.000	J3	0.8	0.548	0.125	0.0137
720 minute summer	FC4	5.000	J4	0.5	0.554	0.072	0.0072

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Results for 100 year +45% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC5	390	188.415	0.415	0.7	0.5527	0.0000	SURCHARGED
720 minute summer	FC6	390	188.157	0.307	0.6	0.3962	0.0000	SURCHARGED
720 minute summer	FC7	390	188.059	0.309	0.6	0.3984	0.0000	SURCHARGED
720 minute summer	FC8	390	188.161	0.411	0.7	0.5464	0.0000	SURCHARGED
720 minute summer	FC9	390	187.780	0.310	0.6	0.4006	0.0000	SURCHARGED
720 minute summer	FC10	390	188.100	0.630	1.0	1.0953	0.0000	SURCHARGED
720 minute summer	FC11	390	187.631	0.311	0.6	0.4079	0.0000	SURCHARGED
720 minute summer	FC12	390	187.541	0.311	0.6	0.4080	0.0000	SURCHARGED
720 minute summer	FC13	390	187.415	0.415	0.7	0.5523	0.0000	SURCHARGED
720 minute summer	FC14	420	187.077	0.176	0.7	2.2575	0.0000	SURCHARGED
720 minute summer	FC15	390	187.502	0.302	0.6	0.3904	0.0000	SURCHARGED
720 minute summer	FC16	390	187.210	0.309	0.6	0.3995	0.0000	SURCHARGED
720 minute summer	FC17	390	187.304	0.304	0.6	0.3929	0.0000	SURCHARGED
720 minute summer	FC18	390	186.860	0.310	0.6	0.4007	0.0000	SURCHARGED
720 minute summer	FC19	390	186.815	0.415	0.7	0.5524	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC5	6.000	J5	0.6	0.481	0.107	0.0055
720 minute summer	FC6	7.000	J6	0.5	0.609	0.063	0.0066
720 minute summer	FC7	8.000	J7	0.5	0.529	0.077	0.0075
720 minute summer	FC8	9.000	J8	0.6	0.682	0.065	0.0039
720 minute summer	FC9	10.000	J9	0.5	0.467	0.092	0.0084
720 minute summer	FC10	11.000	J10	0.8	0.558	0.119	0.0088
720 minute summer	FC11	12.000	J11	0.5	0.465	0.092	0.0091
720 minute summer	FC12	13.000	S2	0.5	0.465	0.092	0.0081
720 minute summer	FC13	14.000	J12	0.6	0.486	0.107	0.0089
720 minute summer	FC14	15.000	J13	0.4	0.428	0.068	0.0071
720 minute summer	FC15	16.000	J14	0.5	0.987	0.031	0.0026
720 minute summer	FC16	17.000	J15	0.5	0.496	0.084	0.0083
720 minute summer	FC17	18.000	J16	0.5	0.785	0.043	0.0033
720 minute summer	FC18	19.000	J17	0.5	0.464	0.092	0.0548
720 minute summer	FC19	20.000	S3	0.9	0.484	0.151	0.0517

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Results for 100 year +45% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC20	390	187.357	0.407	0.7	0.5415	0.0000	SURCHARGED
720 minute summer	FC21	390	186.715	0.415	0.7	0.5523	0.0000	SURCHARGED
720 minute summer	FC22	735	186.669	0.219	0.6	2.1250	0.0000	SURCHARGED
720 minute summer	FC23	705	186.671	0.371	0.6	0.4792	0.0000	SURCHARGED
720 minute summer	FC24	390	186.713	0.413	0.7	0.5495	0.0000	SURCHARGED
720 minute summer	FC25	390	186.957	0.407	0.7	0.5416	0.0000	SURCHARGED
720 minute summer	FC26	735	186.669	0.218	0.6	2.2089	0.0000	SURCHARGED
720 minute summer	FC27	390	186.802	0.302	0.6	0.3900	0.0000	SURCHARGED
720 minute summer	FC28	390	186.907	0.407	0.7	0.5416	0.0000	SURCHARGED
720 minute summer	FC29	390	187.014	0.514	0.8	0.6939	0.0000	SURCHARGED
720 minute summer	FC30	390	187.158	0.407	0.7	0.5424	0.0000	SURCHARGED
720 minute summer	FC31	390	186.756	0.306	0.6	0.3955	0.0000	SURCHARGED
720 minute summer	FC32	390	186.754	0.304	0.6	0.3924	0.0000	SURCHARGED
720 minute summer	FC33	390	186.858	0.408	0.7	0.5426	0.0000	SURCHARGED
720 minute summer	FC34	390	186.865	0.415	0.7	0.5519	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC20	21.000	J18	0.6	0.974	0.039	0.0028
720 minute summer	FC21	22.000	J19	0.6	0.485	0.107	0.0599
720 minute summer	FC22	23.000	S17	0.4	0.566	0.020	0.0373
720 minute summer	FC23	24.000	J20	0.5	0.483	0.086	0.0359
720 minute summer	FC24	25.000	J21	0.6	0.566	0.085	0.0363
720 minute summer	FC25	26.000	J22	0.6	0.967	0.040	0.0370
720 minute summer	FC26	27.000	J23	0.4	0.728	0.028	0.0361
720 minute summer	FC27	28.000	J24	0.5	1.017	0.030	0.0352
720 minute summer	FC28	29.000	J25	0.6	0.972	0.040	0.0341
720 minute summer	FC29	30.000	J26	0.7	0.979	0.046	0.0369
720 minute summer	FC30	31.000	J27	0.6	0.908	0.044	0.0176
720 minute summer	FC31	33.000	J28	0.5	0.294	0.060	0.0091
720 minute summer	FC32	34.000	J29	0.5	0.258	0.043	0.0102
720 minute summer	FC33	35.000	S12	0.6	0.892	0.045	0.0029
720 minute summer	FC34	36.000	J30	0.6	0.498	0.102	0.0061

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Results for 100 year +45% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC35	390	186.858	0.408	0.7	0.5424	0.0000	SURCHARGED
720 minute summer	FC36	390	186.963	0.513	0.8	0.6934	0.0000	SURCHARGED
720 minute summer	FC37	390	186.421	0.621	0.9	0.8931	0.0000	SURCHARGED
720 minute summer	FC38	405	185.589	0.139	0.6	1.6709	0.0000	SURCHARGED
720 minute summer	FC39	390	185.753	0.303	0.6	0.3917	0.0000	SURCHARGED
720 minute summer	FC40	390	185.906	0.406	0.7	0.5402	0.0000	SURCHARGED
720 minute summer	FC41	390	185.260	0.410	0.7	0.5455	0.0000	SURCHARGED
720 minute summer	FC42	390	185.012	0.411	0.7	0.5477	0.0000	SURCHARGED
720 minute summer	FC43	390	185.010	0.410	0.7	0.5452	0.0000	SURCHARGED
720 minute summer	FC44	375	184.616	0.016	0.6	0.0209	0.0000	OK
720 minute summer	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
720 minute summer	FC46	390	185.330	0.630	1.0	1.0971	0.0000	SURCHARGED
720 minute summer	FC47	15	184.750	0.000	0.0	0.0000	0.0000	OK
720 minute summer	FC48	390	185.207	0.407	0.7	0.5423	0.0000	SURCHARGED
720 minute summer	FC49	390	185.215	0.415	0.7	0.5526	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC35	37.000	J31	0.6	0.899	0.044	0.0037
720 minute summer	FC36	38.000	J32	0.7	0.980	0.045	0.0041
720 minute summer	FC37	39.000	J33	0.8	0.685	0.088	0.0075
720 minute summer	FC38	40.000	J34	0.4	0.694	0.029	0.0024
720 minute summer	FC39	41.000	J35	0.5	0.867	0.038	0.0028
720 minute summer	FC40	42.000	J36	0.6	1.107	0.033	0.0029
720 minute summer	FC41	43.000	J37	0.6	0.723	0.060	0.0044
720 minute summer	FC42	44.000	J38	0.6	0.630	0.073	0.0050
720 minute summer	FC43	45.000	J39	0.6	0.736	0.059	0.0037
720 minute summer	FC44	46.000	J40	0.6	0.746	0.053	0.0035
720 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
720 minute summer	FC46	48.000	S20	0.8	0.463	0.132	0.0109
720 minute summer	FC47	49.000	J41	0.0	0.000	0.000	0.0085
720 minute summer	FC48	50.000	J42	0.6	0.393	0.045	0.0196
720 minute summer	FC49	51.000	S21	0.6	0.482	0.107	0.0057

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Results for 100 year +45% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC50	390	185.215	0.415	0.7	0.5526	0.0000	SURCHARGED
720 minute summer	FC51	390	185.265	0.415	0.7	0.5524	0.0000	SURCHARGED
720 minute summer	FC52	390	185.845	0.595	0.9	0.8160	0.0000	SURCHARGED
720 minute summer	FC53	390	185.661	0.411	0.7	0.5469	0.0000	SURCHARGED
720 minute summer	FC54	390	185.556	0.305	0.6	0.3943	0.0000	SURCHARGED
720 minute summer	FC55	390	185.553	0.303	0.6	0.3915	0.0000	SURCHARGED
720 minute summer	FC56	390	185.757	0.407	0.7	0.5417	0.0000	SURCHARGED
720 minute summer	FC57	390	185.758	0.408	0.7	0.5425	0.0000	SURCHARGED
720 minute summer	FC58	390	185.654	0.304	0.6	0.3922	0.0000	SURCHARGED
720 minute summer	FC59	390	185.655	0.305	0.6	0.3931	0.0000	SURCHARGED
720 minute summer	FC60	390	185.759	0.409	0.7	0.5441	0.0000	SURCHARGED
720 minute summer	FC61	390	185.711	0.411	0.7	0.5474	0.0000	SURCHARGED
720 minute summer	FC62	405	185.890	0.640	1.1	1.3657	0.0000	SURCHARGED
720 minute summer	FC63	390	185.711	0.311	0.6	0.4016	0.0000	SURCHARGED
720 minute summer	FC64	390	185.415	0.415	0.7	0.5523	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC50	52.000	J43	0.6	0.482	0.107	0.0062
720 minute summer	FC51	55.000	S22	0.6	0.484	0.107	0.0080
720 minute summer	FC52	58.000	S23	0.8	0.743	0.076	0.0056
720 minute summer	FC53	61.000	J50	0.6	0.661	0.068	0.0041
720 minute summer	FC54	62.000	J51	0.5	0.703	0.051	0.0031
720 minute summer	FC55	64.000	J53	0.5	0.886	0.036	0.0026
720 minute summer	FC56	53.000	J44	0.6	0.956	0.041	0.0044
720 minute summer	FC57	54.000	J45	0.6	0.897	0.045	0.0046
720 minute summer	FC58	56.000	J46	0.5	0.825	0.041	0.0041
720 minute summer	FC59	57.000	J47	0.5	0.765	0.045	0.0046
720 minute summer	FC60	59.000	J48	0.6	0.791	0.054	0.0053
720 minute summer	FC61	60.000	J49	0.6	0.634	0.073	0.0074
720 minute summer	FC62	63.000	J52	0.8	0.624	0.104	0.0120
720 minute summer	FC63	65.000	S26	0.5	0.459	0.092	0.0030
720 minute summer	FC64	66.000	J54	0.6	0.333	0.107	0.0043

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Results for 100 year +45% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	FC65	390	185.556	0.406	0.7	0.5401	0.0000	SURCHARGED
720 minute summer	FC66	390	185.414	0.414	0.7	0.5507	0.0000	SURCHARGED
720 minute summer	FC67	405	184.953	0.153	0.6	1.5807	0.0000	SURCHARGED
720 minute summer	FC68	390	184.857	0.307	0.6	0.3966	0.0000	SURCHARGED
720 minute summer	J1	375	188.237	0.037	2.2	0.0496	0.0000	OK
720 minute summer	J2	375	188.162	0.056	2.8	0.0638	0.0000	OK
720 minute summer	J3	375	188.100	0.054	3.6	0.0612	0.0000	OK
720 minute summer	J4	375	188.074	0.039	4.2	0.0442	0.0000	OK
720 minute summer	J5	375	187.946	0.036	4.8	0.0406	0.0000	OK
720 minute summer	J6	375	187.705	0.055	5.3	0.0624	0.0000	OK
720 minute summer	J7	375	187.669	0.069	5.9	0.0779	0.0000	OK
720 minute summer	J8	375	187.643	0.050	6.5	0.0565	0.0000	OK
720 minute summer	J9	375	187.345	0.069	7.0	0.0786	0.0000	OK
720 minute summer	J10	375	187.311	0.041	7.8	0.0461	0.0000	OK
720 minute summer	J11	390	187.181	0.059	8.4	0.0673	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	FC65	67.000	J55	0.6	0.365	0.034	0.0041
720 minute summer	FC66	68.000	S24	0.6	0.541	0.088	0.0025
720 minute summer	FC67	69.000	J56	0.4	0.406	0.063	0.0019
720 minute summer	FC68	70.000	J57	2.4	0.608	0.267	0.0169
720 minute summer	J1	1.001	J2	2.2	0.624	0.268	0.0180
720 minute summer	J2	1.002	J3	2.8	0.682	0.480	0.0043
720 minute summer	J3	1.003	J4	3.6	0.779	0.273	0.0091
720 minute summer	J4	1.004	J5	4.2	1.213	0.124	0.0122
720 minute summer	J5	1.005	J6	4.8	1.062	0.125	0.0258
720 minute summer	J6	1.006	J7	5.3	0.776	0.188	0.0135
720 minute summer	J7	1.007	J8	5.9	0.905	0.421	0.0073
720 minute summer	J8	1.008	J9	6.5	1.315	0.215	0.0418
720 minute summer	J9	1.009	J10	7.0	0.935	0.211	0.0092
720 minute summer	J10	1.010	J11	7.8	1.190	0.061	0.0162
720 minute summer	J11	1.011	S2	8.4	0.685	0.130	0.0664

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Results for 100 year +45% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J12	375	186.874	0.065	11.0	0.0734	0.0000	OK
720 minute summer	J13	375	186.819	0.117	11.4	0.1323	0.0000	OK
720 minute summer	J14	375	186.806	0.111	11.9	0.1254	0.0000	OK
720 minute summer	J15	375	186.787	0.099	12.4	0.1125	0.0000	OK
720 minute summer	J16	375	186.752	0.082	13.0	0.0925	0.0000	OK
720 minute summer	J17	720	186.668	0.310	13.5	0.3506	0.0000	SURCHARGED
720 minute summer	J18	720	186.668	0.474	17.5	0.5359	0.0000	SURCHARGED
720 minute summer	J19	780	186.676	0.649	16.3	0.7337	0.0000	SURCHARGED
720 minute summer	J20	720	186.668	0.737	0.8	0.8333	0.0000	SURCHARGED
720 minute summer	J21	735	186.668	0.773	1.4	0.8741	0.0000	SURCHARGED
720 minute summer	J22	735	186.668	0.850	1.9	0.9617	0.0000	SURCHARGED
720 minute summer	J23	735	186.668	0.885	2.0	1.0013	0.0000	SURCHARGED
720 minute summer	J24	735	186.669	1.019	3.6	1.1521	0.0000	SURCHARGED
720 minute summer	J25	735	186.671	1.056	4.0	1.1939	0.0000	SURCHARGED
720 minute summer	J26	735	186.672	1.085	4.5	1.2266	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J12	1.013	J13	11.0	0.733	0.164	0.0980
720 minute summer	J13	1.014	J14	11.4	0.563	0.362	0.0382
720 minute summer	J14	1.015	J15	11.9	0.654	0.381	0.0349
720 minute summer	J15	1.016	J16	12.4	0.832	0.406	0.0767
720 minute summer	J16	1.017	J17	13.0	1.098	0.215	0.0397
720 minute summer	J17	1.018	S3	24.6	1.072	0.169	0.0750
720 minute summer	J18	1.020	J19	15.6	1.805	0.120	0.0592
720 minute summer	J19	1.021	S4	16.3	0.740	0.295	0.3096
720 minute summer	J20	23.002	J21	0.8	0.419	0.134	0.0295
720 minute summer	J21	23.003	J22	1.3	0.484	0.228	0.0627
720 minute summer	J22	23.004	J23	1.7	0.583	0.287	0.0281
720 minute summer	J23	23.005	S18	1.9	0.623	0.318	0.0587
720 minute summer	J24	23.007	J25	3.5	0.502	0.261	0.1088
720 minute summer	J25	23.008	J26	3.9	0.515	0.292	0.0874
720 minute summer	J26	23.009	S19	4.3	0.590	0.326	0.0652

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Results for 100 year +45% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J27	720	186.668	1.207	12.3	1.3648	0.0000	SURCHARGED
720 minute summer	J28	375	186.401	0.045	2.3	0.0513	0.0000	OK
720 minute summer	J29	375	186.324	0.053	2.9	0.0599	0.0000	OK
720 minute summer	J30	375	186.211	0.064	4.1	0.0720	0.0000	OK
720 minute summer	J31	375	186.185	0.065	4.7	0.0740	0.0000	OK
720 minute summer	J32	375	186.132	0.068	5.4	0.0770	0.0000	OK
720 minute summer	J33	375	185.656	0.046	7.4	0.0525	0.0000	OK
720 minute summer	J34	375	185.203	0.078	9.3	0.0879	0.0000	OK
720 minute summer	J35	375	185.126	0.051	9.8	0.0578	0.0000	OK
720 minute summer	J36	375	184.962	0.086	10.5	0.0978	0.0000	OK
720 minute summer	J37	375	184.667	0.092	12.1	0.1037	0.0000	OK
720 minute summer	J38	375	184.489	0.114	13.4	0.1294	0.0000	OK
720 minute summer	J39	375	184.451	0.113	14.0	0.1277	0.0000	OK
720 minute summer	J40	375	184.422	0.097	14.6	0.1097	0.0000	OK
720 minute summer	J41	855	184.640	0.043	1.2	0.0487	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J27	23.011	S4	6.1	0.499	0.205	0.0951
720 minute summer	J28	32.001	J29	2.3	0.612	0.395	0.0338
720 minute summer	J29	32.002	S12	2.9	0.718	0.486	0.0187
720 minute summer	J30	32.004	J31	4.1	0.569	0.311	0.0361
720 minute summer	J31	32.005	J32	4.7	0.626	0.357	0.0738
720 minute summer	J32	32.006	S13	5.4	0.865	0.408	0.0334
720 minute summer	J33	32.008	S14	7.4	0.998	0.208	0.0677
720 minute summer	J34	32.010	J35	9.3	0.995	0.241	0.0852
720 minute summer	J35	32.011	J36	9.8	0.960	0.111	0.0714
720 minute summer	J36	32.012	S15	10.4	1.023	0.346	0.0252
720 minute summer	J37	32.014	S16	12.2	1.133	0.400	0.0566
720 minute summer	J38	32.016	J39	13.4	0.666	0.444	0.2174
720 minute summer	J39	32.017	J40	14.0	0.772	0.455	0.0663
720 minute summer	J40	32.018	S10	14.6	0.940	0.339	0.1486
720 minute summer	J41	48.002	J42	1.2	0.491	0.199	0.0343

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Results for 100 year +45% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J42	855	184.639	0.102	1.8	0.1159	0.0000	SURCHARGED
720 minute summer	J43	855	184.644	0.284	3.3	0.3208	0.0000	SURCHARGED
720 minute summer	J44	855	184.641	0.291	4.0	0.3290	0.0000	SURCHARGED
720 minute summer	J45	735	184.637	0.337	4.6	0.3815	0.0000	SURCHARGED
720 minute summer	J46	735	184.638	0.366	6.3	0.4135	0.0000	SURCHARGED
720 minute summer	J47	735	184.632	0.384	20.0	0.4339	0.0000	SURCHARGED
720 minute summer	J48	735	184.634	0.480	109.2	0.5427	0.0000	SURCHARGED
720 minute summer	J49	735	184.643	0.514	9.3	0.5811	0.0000	SURCHARGED
720 minute summer	J50	735	184.644	0.519	9.9	0.5864	0.0000	SURCHARGED
720 minute summer	J51	735	184.637	0.529	10.4	0.5986	0.0000	SURCHARGED
720 minute summer	J52	735	184.641	0.537	11.2	0.6074	0.0000	SURCHARGED
720 minute summer	J53	735	184.633	0.546	11.7	0.6179	0.0000	SURCHARGED
720 minute summer	J54	375	185.016	0.037	1.5	0.0415	0.0000	OK
720 minute summer	J55	375	184.987	0.043	2.1	0.0485	0.0000	OK
720 minute summer	J56	795	184.628	0.661	17.0	0.7479	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J42	48.003	S21	1.8	0.534	0.306	0.0640
720 minute summer	J43	48.005	J44	3.3	0.523	0.240	0.0283
720 minute summer	J44	48.006	J45	4.0	0.503	0.297	0.1545
720 minute summer	J45	48.007	S22	4.6	0.461	0.338	0.0419
720 minute summer	J46	48.009	J47	6.3	0.612	0.475	0.0742
720 minute summer	J47	48.010	S23	-20.0	-1.134	-1.497	0.0465
720 minute summer	J48	48.012	J49	-18.4	0.464	-0.616	0.2962
720 minute summer	J49	48.013	J50	9.2	0.471	0.302	0.0451
720 minute summer	J50	48.014	J51	9.9	0.501	0.330	0.2018
720 minute summer	J51	48.015	J52	10.4	0.536	0.339	0.0451
720 minute summer	J52	48.016	J53	11.2	0.621	0.367	0.1938
720 minute summer	J53	48.017	S24	11.7	0.734	0.388	0.4079
720 minute summer	J54	65.002	J55	1.5	0.504	0.247	0.0106
720 minute summer	J55	65.003	S24	2.1	0.670	0.353	0.0244
720 minute summer	J56	48.019	J57	17.0	0.583	0.313	0.6398

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Results for 100 year +45% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 99.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	J57	795	184.628	0.683	17.5	0.7721	0.0000	SURCHARGED
720 minute summer	BASIN 1	735	186.668	1.668	22.6	248.8771	0.0000	SURCHARGED
720 minute summer	BASIN 2	960	184.867	0.567	1.8	57.4749	0.0000	OK
720 minute summer	BASIN 3	960	183.390	0.290	16.3	205.7118	0.0000	OK
720 minute summer	BASIN 4	750	184.628	1.298	17.2	205.8739	0.0000	SURCHARGED
720 minute summer	SWALE 1	735	184.970	0.038	1.8	0.0427	0.0000	OK
720 minute summer	SWALE 2	960	184.488	0.038	1.7	0.0424	0.0000	OK
720 minute summer	SWALE 3	375	184.170	0.100	16.3	0.1136	0.0000	OK
720 minute summer	BH1	960	184.867	0.790	0.5	3.0934	0.0000	OK
720 minute summer	BH2	960	183.390	0.338	0.8	3.2847	0.0000	OK
720 minute summer	BH3	750	184.628	1.322	1.8	7.3437	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	J57	48.020	S25	17.4	0.633	0.322	0.5574
720 minute summer	BASIN 1	1.023	S5	1.8	0.060	0.034	0.6013
720 minute summer	BASIN 2	1.027	S7	1.7	0.467	0.031	0.0795
720 minute summer	BASIN 2	71.000	BH1	0.5	0.413	0.093	0.1829
720 minute summer	BASIN 3	1.034	BH2	0.8	0.263	0.010	2.6487
720 minute summer	BASIN 4	48.022	BH3	1.8	0.444	0.033	0.7181
720 minute summer	SWALE 1	1.025	S6	1.8	0.352	0.034	0.1940
720 minute summer	SWALE 2	1.029	S8	1.7	0.453	0.031	0.0968
720 minute summer	SWALE 3	1.033	BASIN 3	16.3	0.809	0.234	0.8689
720 minute summer	BH1	Infiltration		0.1			
720 minute summer	BH2	Infiltration		0.2			
720 minute summer	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.57%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S1	360	188.388	0.018	0.6	0.0241	0.0000	OK
720 minute winter	S2	390	187.126	0.087	8.4	0.1273	0.0000	OK
720 minute winter	S3	720	186.778	0.566	16.5	0.7356	0.0000	SURCHARGED
720 minute winter	S4	735	186.794	1.416	18.0	1.6822	0.0000	SURCHARGED
720 minute winter	S5	705	186.778	1.798	1.9	2.0330	0.0000	FLOOD RISK
720 minute winter	S6	885	184.883	0.039	1.9	0.0444	0.0000	OK
720 minute winter	S7	945	184.801	0.022	1.7	0.0252	0.0000	OK
720 minute winter	S8	945	184.413	0.023	1.7	0.0265	0.0000	OK
720 minute winter	S9	375	184.243	0.043	1.7	0.0489	0.0000	OK
720 minute winter	S10	375	184.243	0.059	12.5	0.0905	0.0000	OK
720 minute winter	S11	390	186.434	0.034	1.3	0.0549	0.0000	OK
720 minute winter	S12	390	186.225	0.048	2.6	0.0548	0.0000	OK
720 minute winter	S13	390	186.075	0.041	5.1	0.0590	0.0000	OK
720 minute winter	S14	390	185.322	0.072	6.9	0.1136	0.0000	OK
720 minute winter	S15	390	184.914	0.047	9.0	0.0659	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	S1	1.000	J1	0.6	0.408	0.069	0.0124
720 minute winter	S2	1.012	J12	8.4	0.657	0.281	0.0191
720 minute winter	S3	1.019	J18	12.0	1.012	0.393	0.2040
720 minute winter	S4	1.022	BASIN 1	17.9	1.215	0.107	1.1778
720 minute winter	S5	1.024	SWALE 1	1.9	0.356	0.035	0.1069
720 minute winter	S6	1.026	BASIN 2	1.9	0.407	0.034	0.0303
720 minute winter	S7	1.028	SWALE 2	1.7	0.471	0.011	0.0629
720 minute winter	S8	1.030	S9	1.7	0.487	0.012	0.0433
720 minute winter	S9	1.031	S10	1.7	0.520	0.032	0.0537
720 minute winter	S10	1.032	SWALE 3	12.5	0.938	0.069	0.0584
720 minute winter	S11	32.000	J28	1.3	0.522	0.219	0.0113
720 minute winter	S12	32.003	J30	2.6	0.491	0.194	0.0269
720 minute winter	S13	32.007	J33	5.1	1.295	0.157	0.0509
720 minute winter	S14	32.009	J34	6.9	0.877	0.401	0.0415
720 minute winter	S15	32.013	J37	9.0	0.970	0.097	0.0878

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Results for 100 year +45% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.57%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	S16	390	184.599	0.042	9.9	0.0536	0.0000	OK
720 minute winter	S17	705	186.778	0.778	0.3	0.8796	0.0000	FLOOD RISK
720 minute winter	S18	705	186.778	1.117	2.6	1.5779	0.0000	SURCHARGED
720 minute winter	S19	705	186.778	1.287	4.7	1.7627	0.0000	SURCHARGED
720 minute winter	S20	840	184.734	0.092	1.3	0.1124	0.0000	OK
720 minute winter	S21	840	184.731	0.272	2.2	0.3221	0.0000	SURCHARGED
720 minute winter	S22	720	184.764	0.478	8.9	0.5836	0.0000	SURCHARGED
720 minute winter	S23	720	184.869	0.711	20.4	0.8405	0.0000	SURCHARGED
720 minute winter	S24	735	184.744	0.767	20.1	1.1131	0.0000	SURCHARGED
720 minute winter	S25	735	184.715	0.789	16.3	0.8925	0.0000	SURCHARGED
720 minute winter	S26	420	185.395	0.018	0.6	0.0219	0.0000	OK
720 minute winter	FC1	405	188.512	0.262	0.5	0.3486	0.0000	SURCHARGED
720 minute winter	FC2	405	188.412	0.262	0.5	0.3491	0.0000	SURCHARGED
720 minute winter	FC3	405	188.825	0.625	0.9	1.0387	0.0000	SURCHARGED
720 minute winter	FC4	420	188.373	0.173	0.4	0.2227	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	S16	32.015	J38	9.9	0.935	0.067	0.0251
720 minute winter	S17	23.001	J20	0.3	0.282	0.049	0.0560
720 minute winter	S18	23.006	J24	2.5	0.478	0.179	0.0323
720 minute winter	S19	23.010	J27	4.6	0.439	0.152	0.3541
720 minute winter	S20	48.001	J41	-1.3	0.543	-0.212	0.0356
720 minute winter	S21	48.004	J43	2.2	0.675	0.376	0.0399
720 minute winter	S22	48.008	J46	-8.9	0.540	-0.662	0.0428
720 minute winter	S23	48.011	J48	106.5	2.679	3.456	0.0447
720 minute winter	S24	48.018	J56	-20.1	0.525	-0.376	0.2989
720 minute winter	S25	48.021	BASIN 4	-16.3	0.696	-0.295	0.2248
720 minute winter	S26	65.001	J54	0.6	0.631	0.069	0.0081
720 minute winter	FC1	2.000	J1	0.5	0.343	0.080	0.0074
720 minute winter	FC2	3.000	J2	0.5	0.224	0.084	0.0109
720 minute winter	FC3	4.000	J3	0.8	0.545	0.123	0.0135
720 minute winter	FC4	5.000	J4	0.4	0.507	0.053	0.0058

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Results for 100 year +45% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.57%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC5	405	188.263	0.263	0.5	0.3500	0.0000	SURCHARGED
720 minute winter	FC6	420	188.022	0.171	0.4	0.2214	0.0000	SURCHARGED
720 minute winter	FC7	420	187.923	0.173	0.4	0.2234	0.0000	SURCHARGED
720 minute winter	FC8	405	188.009	0.259	0.5	0.3443	0.0000	SURCHARGED
720 minute winter	FC9	420	187.645	0.175	0.4	0.2253	0.0000	SURCHARGED
720 minute winter	FC10	390	188.018	0.548	0.8	0.7734	0.0000	SURCHARGED
720 minute winter	FC11	390	187.577	0.257	0.5	0.3367	0.0000	SURCHARGED
720 minute winter	FC12	390	187.487	0.257	0.5	0.3367	0.0000	SURCHARGED
720 minute winter	FC13	405	187.263	0.263	0.5	0.3497	0.0000	SURCHARGED
720 minute winter	FC14	450	187.061	0.160	0.5	2.0525	0.0000	SURCHARGED
720 minute winter	FC15	420	187.368	0.168	0.4	0.2164	0.0000	SURCHARGED
720 minute winter	FC16	420	187.074	0.174	0.4	0.2243	0.0000	SURCHARGED
720 minute winter	FC17	420	187.169	0.169	0.4	0.2184	0.0000	SURCHARGED
720 minute winter	FC18	690	186.781	0.231	0.4	0.2983	0.0000	SURCHARGED
720 minute winter	FC19	705	186.787	0.387	0.5	0.5146	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC5	6.000	J5	0.5	0.450	0.084	0.0046
720 minute winter	FC6	7.000	J6	0.4	0.557	0.046	0.0053
720 minute winter	FC7	8.000	J7	0.4	0.484	0.056	0.0060
720 minute winter	FC8	9.000	J8	0.5	0.637	0.051	0.0033
720 minute winter	FC9	10.000	J9	0.4	0.427	0.067	0.0068
720 minute winter	FC10	11.000	J10	0.7	0.547	0.111	0.0084
720 minute winter	FC11	12.000	J11	0.5	0.452	0.083	0.0084
720 minute winter	FC12	13.000	S2	0.5	0.452	0.083	0.0075
720 minute winter	FC13	14.000	J12	0.5	0.454	0.084	0.0075
720 minute winter	FC14	15.000	J13	0.4	0.421	0.064	0.0069
720 minute winter	FC15	16.000	J14	0.4	0.901	0.023	0.0021
720 minute winter	FC16	17.000	J15	0.4	0.453	0.062	0.0067
720 minute winter	FC17	18.000	J16	0.4	0.717	0.032	0.0027
720 minute winter	FC18	19.000	J17	-0.4	0.425	-0.070	0.0548
720 minute winter	FC19	20.000	S3	0.5	0.452	0.093	0.0517

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Results for 100 year +45% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.57%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC20	405	187.205	0.255	0.5	0.3397	0.0000	SURCHARGED
720 minute winter	FC21	705	186.786	0.486	0.5	0.6474	0.0000	SURCHARGED
720 minute winter	FC22	720	186.778	0.328	0.4	3.1879	0.0000	SURCHARGED
720 minute winter	FC23	690	186.781	0.481	0.4	0.6212	0.0000	SURCHARGED
720 minute winter	FC24	705	186.787	0.487	0.5	0.6477	0.0000	SURCHARGED
720 minute winter	FC25	405	186.805	0.255	0.5	0.3396	0.0000	SURCHARGED
720 minute winter	FC26	720	186.778	0.328	0.4	3.3156	0.0000	SURCHARGED
720 minute winter	FC27	690	186.781	0.281	0.4	0.3626	0.0000	SURCHARGED
720 minute winter	FC28	705	186.787	0.286	0.5	0.3813	0.0000	SURCHARGED
720 minute winter	FC29	390	186.849	0.349	0.6	0.4715	0.0000	SURCHARGED
720 minute winter	FC30	405	187.006	0.256	0.5	0.3405	0.0000	SURCHARGED
720 minute winter	FC31	420	186.621	0.171	0.4	0.2207	0.0000	SURCHARGED
720 minute winter	FC32	420	186.619	0.169	0.4	0.2180	0.0000	SURCHARGED
720 minute winter	FC33	405	186.706	0.256	0.5	0.3407	0.0000	SURCHARGED
720 minute winter	FC34	405	186.713	0.262	0.5	0.3494	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC20	21.000	J18	0.5	0.907	0.031	0.0173
720 minute winter	FC21	22.000	J19	0.5	0.453	0.084	0.0599
720 minute winter	FC22	23.000	S17	0.3	0.555	0.019	0.0373
720 minute winter	FC23	24.000	J20	0.4	0.442	0.063	0.0359
720 minute winter	FC24	25.000	J21	0.5	0.528	0.067	0.0363
720 minute winter	FC25	26.000	J22	0.5	0.899	0.031	0.0370
720 minute winter	FC26	27.000	J23	0.3	0.705	0.026	0.0361
720 minute winter	FC27	28.000	J24	0.4	0.927	0.022	0.0352
720 minute winter	FC28	29.000	J25	0.5	0.904	0.031	0.0341
720 minute winter	FC29	30.000	J26	0.6	0.924	0.038	0.0369
720 minute winter	FC30	31.000	J27	0.5	0.846	0.034	0.0211
720 minute winter	FC31	33.000	J28	0.4	0.266	0.044	0.0072
720 minute winter	FC32	34.000	J29	0.4	0.236	0.032	0.0080
720 minute winter	FC33	35.000	S12	0.5	0.832	0.035	0.0025
720 minute winter	FC34	36.000	J30	0.5	0.465	0.081	0.0051

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Results for 100 year +45% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.57%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC35	405	186.706	0.256	0.5	0.3406	0.0000	SURCHARGED
720 minute winter	FC36	390	186.799	0.349	0.6	0.4712	0.0000	SURCHARGED
720 minute winter	FC37	390	186.268	0.468	0.7	0.6510	0.0000	SURCHARGED
720 minute winter	FC38	435	185.572	0.122	0.4	1.4630	0.0000	SURCHARGED
720 minute winter	FC39	420	185.618	0.168	0.4	0.2173	0.0000	SURCHARGED
720 minute winter	FC40	405	185.754	0.254	0.5	0.3384	0.0000	SURCHARGED
720 minute winter	FC41	405	185.108	0.258	0.5	0.3434	0.0000	SURCHARGED
720 minute winter	FC42	405	184.860	0.260	0.5	0.3454	0.0000	SURCHARGED
720 minute winter	FC43	405	184.858	0.258	0.5	0.3432	0.0000	SURCHARGED
720 minute winter	FC44	330	184.613	0.013	0.4	0.0171	0.0000	OK
720 minute winter	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
720 minute winter	FC46	390	185.249	0.549	0.8	0.7747	0.0000	SURCHARGED
720 minute winter	FC47	825	184.751	0.001	0.0	0.0011	0.0000	OK
720 minute winter	FC48	405	185.056	0.256	0.5	0.3404	0.0000	SURCHARGED
720 minute winter	FC49	405	185.063	0.263	0.5	0.3500	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC35	37.000	J31	0.5	0.838	0.035	0.0030
720 minute winter	FC36	38.000	J32	0.6	0.943	0.037	0.0031
720 minute winter	FC37	39.000	J33	0.7	0.657	0.076	0.0068
720 minute winter	FC38	40.000	J34	0.3	0.680	0.027	0.0023
720 minute winter	FC39	41.000	J35	0.4	0.791	0.028	0.0022
720 minute winter	FC40	42.000	J36	0.5	1.030	0.026	0.0025
720 minute winter	FC41	43.000	J37	0.5	0.675	0.047	0.0037
720 minute winter	FC42	44.000	J38	0.5	0.588	0.058	0.0042
720 minute winter	FC43	45.000	J39	0.5	0.688	0.046	0.0031
720 minute winter	FC44	46.000	J40	0.4	0.664	0.036	0.0026
720 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
720 minute winter	FC46	48.000	S20	-0.8	0.450	-0.139	0.0284
720 minute winter	FC47	49.000	J41	0.0	0.000	0.000	0.0207
720 minute winter	FC48	50.000	J42	0.5	0.364	0.036	0.0200
720 minute winter	FC49	51.000	S21	0.5	0.450	0.084	0.0048

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Results for 100 year +45% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.57%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC50	405	185.063	0.263	0.5	0.3500	0.0000	SURCHARGED
720 minute winter	FC51	405	185.113	0.263	0.5	0.3498	0.0000	SURCHARGED
720 minute winter	FC52	405	185.614	0.364	0.6	0.4985	0.0000	SURCHARGED
720 minute winter	FC53	405	185.509	0.259	0.5	0.3447	0.0000	SURCHARGED
720 minute winter	FC54	420	185.420	0.170	0.4	0.2197	0.0000	SURCHARGED
720 minute winter	FC55	420	185.418	0.168	0.4	0.2171	0.0000	SURCHARGED
720 minute winter	FC56	405	185.605	0.255	0.5	0.3399	0.0000	SURCHARGED
720 minute winter	FC57	405	185.606	0.256	0.5	0.3406	0.0000	SURCHARGED
720 minute winter	FC58	420	185.519	0.169	0.4	0.2178	0.0000	SURCHARGED
720 minute winter	FC59	420	185.519	0.169	0.4	0.2186	0.0000	SURCHARGED
720 minute winter	FC60	405	185.607	0.257	0.5	0.3421	0.0000	SURCHARGED
720 minute winter	FC61	405	185.559	0.259	0.5	0.3452	0.0000	SURCHARGED
720 minute winter	FC62	390	185.846	0.596	0.8	0.8534	0.0000	SURCHARGED
720 minute winter	FC63	420	185.575	0.175	0.4	0.2260	0.0000	SURCHARGED
720 minute winter	FC64	405	185.263	0.262	0.5	0.3494	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC50	52.000	J43	0.5	0.451	0.084	0.0052
720 minute winter	FC51	55.000	S22	0.5	0.453	0.084	0.0068
720 minute winter	FC52	58.000	S23	0.6	0.691	0.059	0.0047
720 minute winter	FC53	61.000	J50	0.5	0.618	0.054	0.0034
720 minute winter	FC54	62.000	J51	0.4	0.643	0.037	0.0025
720 minute winter	FC55	64.000	J53	0.4	0.809	0.027	0.0021
720 minute winter	FC56	53.000	J44	0.5	0.890	0.032	0.0037
720 minute winter	FC57	54.000	J45	0.5	0.836	0.035	0.0039
720 minute winter	FC58	56.000	J46	0.4	0.752	0.030	0.0033
720 minute winter	FC59	57.000	J47	0.4	0.698	0.033	0.0037
720 minute winter	FC60	59.000	J48	0.5	0.737	0.042	0.0045
720 minute winter	FC61	60.000	J49	0.5	0.592	0.058	0.0062
720 minute winter	FC62	63.000	J52	0.8	0.617	0.100	0.0117
720 minute winter	FC63	65.000	S26	0.4	0.409	0.068	0.0024
720 minute winter	FC64	66.000	J54	0.5	0.318	0.084	0.0035

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Results for 100 year +45% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.57%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	FC65	405	185.404	0.254	0.5	0.3383	0.0000	SURCHARGED
720 minute winter	FC66	405	185.262	0.262	0.5	0.3482	0.0000	SURCHARGED
720 minute winter	FC67	435	184.932	0.132	0.4	1.3596	0.0000	SURCHARGED
720 minute winter	FC68	420	184.722	0.172	0.4	0.2216	0.0000	SURCHARGED
720 minute winter	J1	390	188.231	0.031	1.7	0.0421	0.0000	OK
720 minute winter	J2	390	188.154	0.048	2.2	0.0546	0.0000	OK
720 minute winter	J3	390	188.095	0.049	3.0	0.0551	0.0000	OK
720 minute winter	J4	390	188.070	0.035	3.4	0.0394	0.0000	OK
720 minute winter	J5	390	187.942	0.032	3.9	0.0365	0.0000	OK
720 minute winter	J6	390	187.698	0.048	4.3	0.0540	0.0000	OK
720 minute winter	J7	390	187.661	0.061	4.7	0.0688	0.0000	OK
720 minute winter	J8	390	187.637	0.044	5.2	0.0499	0.0000	OK
720 minute winter	J9	390	187.337	0.062	5.6	0.0697	0.0000	OK
720 minute winter	J10	390	187.306	0.036	6.3	0.0407	0.0000	OK
720 minute winter	J11	390	187.174	0.053	6.8	0.0595	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	FC65	67.000	J55	0.5	0.344	0.027	0.0034
720 minute winter	FC66	68.000	S24	0.5	0.506	0.069	0.0021
720 minute winter	FC67	69.000	J56	0.3	0.397	0.058	0.0018
720 minute winter	FC68	70.000	J57	-2.4	0.559	-0.267	0.0178
720 minute winter	J1	1.001	J2	1.7	0.585	0.204	0.0146
720 minute winter	J2	1.002	J3	2.2	0.638	0.370	0.0036
720 minute winter	J3	1.003	J4	3.0	0.743	0.224	0.0078
720 minute winter	J4	1.004	J5	3.4	1.150	0.100	0.0104
720 minute winter	J5	1.005	J6	3.9	1.029	0.101	0.0215
720 minute winter	J6	1.006	J7	4.3	0.743	0.150	0.0113
720 minute winter	J7	1.007	J8	4.7	0.851	0.335	0.0062
720 minute winter	J8	1.008	J9	5.2	1.239	0.171	0.0353
720 minute winter	J9	1.009	J10	5.6	0.879	0.167	0.0077
720 minute winter	J10	1.010	J11	6.3	1.142	0.049	0.0136
720 minute winter	J11	1.011	S2	6.8	0.651	0.105	0.0566

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Results for 100 year +45% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.57%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J12	390	186.866	0.057	8.9	0.0647	0.0000	OK
720 minute winter	J13	390	186.805	0.103	9.2	0.1169	0.0000	OK
720 minute winter	J14	390	186.793	0.098	9.6	0.1111	0.0000	OK
720 minute winter	J15	705	186.778	0.090	10.0	0.1019	0.0000	OK
720 minute winter	J16	705	186.778	0.108	10.4	0.1220	0.0000	OK
720 minute winter	J17	705	186.778	0.420	10.8	0.4749	0.0000	SURCHARGED
720 minute winter	J18	735	186.788	0.594	12.5	0.6719	0.0000	SURCHARGED
720 minute winter	J19	705	186.778	0.751	13.0	0.8490	0.0000	SURCHARGED
720 minute winter	J20	705	186.778	0.847	0.7	0.9577	0.0000	SURCHARGED
720 minute winter	J21	705	186.778	0.883	1.1	0.9984	0.0000	SURCHARGED
720 minute winter	J22	705	186.778	0.960	1.5	1.0855	0.0000	SURCHARGED
720 minute winter	J23	705	186.778	0.995	1.8	1.1250	0.0000	SURCHARGED
720 minute winter	J24	705	186.778	1.128	2.8	1.2754	0.0000	SURCHARGED
720 minute winter	J25	705	186.778	1.163	3.2	1.3150	0.0000	SURCHARGED
720 minute winter	J26	705	186.778	1.191	3.7	1.3466	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J12	1.013	J13	8.9	0.699	0.132	0.0831
720 minute winter	J13	1.014	J14	9.2	0.537	0.294	0.0326
720 minute winter	J14	1.015	J15	9.6	0.620	0.308	0.0298
720 minute winter	J15	1.016	J16	10.0	0.789	0.328	0.0862
720 minute winter	J16	1.017	J17	10.4	1.040	0.173	0.0798
720 minute winter	J17	1.018	S3	15.4	1.026	0.106	0.0750
720 minute winter	J18	1.020	J19	12.5	1.721	0.096	0.0592
720 minute winter	J19	1.021	S4	12.8	0.691	0.232	0.3096
720 minute winter	J20	23.002	J21	0.7	0.399	0.116	0.0295
720 minute winter	J21	23.003	J22	1.1	0.492	0.180	0.0627
720 minute winter	J22	23.004	J23	1.5	0.537	0.252	0.0281
720 minute winter	J23	23.005	S18	1.6	0.614	0.272	0.0587
720 minute winter	J24	23.007	J25	2.7	0.498	0.205	0.1088
720 minute winter	J25	23.008	J26	3.1	0.513	0.234	0.0874
720 minute winter	J26	23.009	S19	3.6	0.585	0.269	0.0652

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Results for 100 year +45% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.57%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J27	705	186.778	1.317	5.0	1.4891	0.0000	SURCHARGED
720 minute winter	J28	390	186.394	0.038	1.7	0.0425	0.0000	OK
720 minute winter	J29	390	186.315	0.044	2.1	0.0495	0.0000	OK
720 minute winter	J30	390	186.201	0.054	3.1	0.0607	0.0000	OK
720 minute winter	J31	390	186.175	0.056	3.6	0.0629	0.0000	OK
720 minute winter	J32	390	186.123	0.059	4.2	0.0668	0.0000	OK
720 minute winter	J33	390	185.651	0.041	5.7	0.0462	0.0000	OK
720 minute winter	J34	390	185.194	0.068	7.3	0.0774	0.0000	OK
720 minute winter	J35	390	185.120	0.044	7.7	0.0503	0.0000	OK
720 minute winter	J36	390	184.951	0.076	8.2	0.0858	0.0000	OK
720 minute winter	J37	390	184.656	0.081	9.5	0.0912	0.0000	OK
720 minute winter	J38	390	184.473	0.098	10.3	0.1106	0.0000	OK
720 minute winter	J39	390	184.435	0.097	10.8	0.1098	0.0000	OK
720 minute winter	J40	390	184.409	0.084	11.2	0.0945	0.0000	OK
720 minute winter	J41	840	184.731	0.134	1.6	0.1516	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J27	23.011	S4	4.9	0.504	0.165	0.0951
720 minute winter	J28	32.001	J29	1.7	0.569	0.287	0.0264
720 minute winter	J29	32.002	S12	2.1	0.664	0.354	0.0147
720 minute winter	J30	32.004	J31	3.1	0.533	0.233	0.0289
720 minute winter	J31	32.005	J32	3.6	0.579	0.270	0.0603
720 minute winter	J32	32.006	S13	4.2	0.807	0.313	0.0275
720 minute winter	J33	32.008	S14	5.7	0.945	0.162	0.0558
720 minute winter	J34	32.010	J35	7.3	0.933	0.188	0.0709
720 minute winter	J35	32.011	J36	7.7	0.902	0.086	0.0594
720 minute winter	J36	32.012	S15	8.2	0.954	0.273	0.0211
720 minute winter	J37	32.014	S16	9.5	1.076	0.311	0.0465
720 minute winter	J38	32.016	J39	10.3	0.629	0.343	0.1780
720 minute winter	J39	32.017	J40	10.8	0.729	0.352	0.0544
720 minute winter	J40	32.018	S10	11.2	0.880	0.261	0.1223
720 minute winter	J41	48.002	J42	-1.6	0.478	-0.277	0.0486

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Results for 100 year +45% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.57%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J42	840	184.723	0.186	1.5	0.2101	0.0000	SURCHARGED
720 minute winter	J43	720	184.740	0.380	4.0	0.4298	0.0000	SURCHARGED
720 minute winter	J44	720	184.740	0.390	6.0	0.4416	0.0000	SURCHARGED
720 minute winter	J45	720	184.758	0.458	6.7	0.5178	0.0000	SURCHARGED
720 minute winter	J46	720	184.775	0.503	11.0	0.5690	0.0000	SURCHARGED
720 minute winter	J47	720	184.786	0.538	14.6	0.6087	0.0000	SURCHARGED
720 minute winter	J48	945	184.813	0.659	124.8	0.7458	0.0000	SURCHARGED
720 minute winter	J49	780	184.733	0.604	29.4	0.6831	0.0000	SURCHARGED
720 minute winter	J50	900	184.792	0.667	134.3	0.7539	0.0000	SURCHARGED
720 minute winter	J51	900	184.787	0.679	93.1	0.7677	0.0000	SURCHARGED
720 minute winter	J52	795	184.849	0.745	143.8	0.8428	0.0000	SURCHARGED
720 minute winter	J53	735	184.763	0.676	19.7	0.7640	0.0000	SURCHARGED
720 minute winter	J54	405	185.010	0.031	1.1	0.0352	0.0000	OK
720 minute winter	J55	405	184.981	0.037	1.6	0.0417	0.0000	OK
720 minute winter	J56	735	184.738	0.771	18.9	0.8720	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J42	48.003	S21	1.5	0.520	0.259	0.0640
720 minute winter	J43	48.005	J44	-3.9	0.503	-0.280	0.0283
720 minute winter	J44	48.006	J45	-6.0	0.494	-0.447	0.1545
720 minute winter	J45	48.007	S22	-6.7	0.453	-0.494	0.0419
720 minute winter	J46	48.009	J47	-11.0	-0.626	-0.825	0.0742
720 minute winter	J47	48.010	S23	-14.6	-0.830	-1.096	0.0465
720 minute winter	J48	48.012	J49	-11.9	0.448	-0.397	0.2962
720 minute winter	J49	48.013	J50	114.6	2.883	3.740	0.0451
720 minute winter	J50	48.014	J51	-22.8	-0.574	-0.763	0.2018
720 minute winter	J51	48.015	J52	109.0	2.741	3.557	0.0451
720 minute winter	J52	48.016	J53	17.4	0.587	0.572	0.1938
720 minute winter	J53	48.017	S24	-19.7	0.687	-0.652	0.4079
720 minute winter	J54	65.002	J55	1.1	0.468	0.185	0.0085
720 minute winter	J55	65.003	S24	1.6	0.625	0.271	0.0201
720 minute winter	J56	48.019	J57	-18.9	0.553	-0.348	0.6398

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Results for 100 year +45% CC 720 minute winter. 960 minute analysis at 15 minute timestep. Mass balance: 99.57%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute winter	J57	735	184.724	0.779	17.8	0.8813	0.0000	SURCHARGED
720 minute winter	BASIN 1	705	186.778	1.778	17.9	270.1139	0.0000	FLOOD RISK
720 minute winter	BASIN 2	930	184.868	0.568	1.9	57.5476	0.0000	OK
720 minute winter	BASIN 3	960	183.417	0.317	12.5	225.6777	0.0000	OK
720 minute winter	BASIN 4	735	184.710	1.380	13.2	222.0367	0.0000	SURCHARGED
720 minute winter	SWALE 1	705	184.970	0.038	1.9	0.0434	0.0000	OK
720 minute winter	SWALE 2	945	184.488	0.038	1.7	0.0431	0.0000	OK
720 minute winter	SWALE 3	375	184.157	0.087	12.5	0.0986	0.0000	OK
720 minute winter	BH1	930	184.868	0.791	0.6	3.0952	0.0000	OK
720 minute winter	BH2	960	183.417	0.365	0.8	3.4207	0.0000	OK
720 minute winter	BH3	750	184.710	1.404	1.3	7.4372	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute winter	J57	48.020	S25	-16.7	0.598	-0.309	0.5574
720 minute winter	BASIN 1	1.023	S5	1.9	0.170	0.035	0.6013
720 minute winter	BASIN 2	1.027	S7	1.7	0.473	0.032	0.0815
720 minute winter	BASIN 2	71.000	BH1	0.6	0.422	0.100	0.1829
720 minute winter	BASIN 3	1.034	BH2	0.8	0.262	0.010	2.8227
720 minute winter	BASIN 4	48.022	BH3	1.3	0.450	0.024	0.7181
720 minute winter	SWALE 1	1.025	S6	1.9	0.356	0.035	0.1984
720 minute winter	SWALE 2	1.029	S8	1.7	0.458	0.033	0.0992
720 minute winter	SWALE 3	1.033	BASIN 3	12.5	0.752	0.180	0.7157
720 minute winter	BH1	Infiltration		0.1			
720 minute winter	BH2	Infiltration		0.2			
720 minute winter	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.65%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S1	495	188.389	0.019	0.7	0.0259	0.0000	OK
960 minute summer	S2	495	187.130	0.091	9.2	0.1338	0.0000	OK
960 minute summer	S3	975	186.732	0.520	13.3	0.6756	0.0000	SURCHARGED
960 minute summer	S4	1020	186.739	1.361	20.2	1.6169	0.0000	SURCHARGED
960 minute summer	S5	960	186.730	1.750	1.8	1.9795	0.0000	FLOOD RISK
960 minute summer	S6	975	184.883	0.039	1.8	0.0446	0.0000	OK
960 minute summer	S7	1020	184.801	0.022	1.7	0.0253	0.0000	OK
960 minute summer	S8	1020	184.414	0.023	1.7	0.0266	0.0000	OK
960 minute summer	S9	495	184.248	0.048	1.7	0.0539	0.0000	OK
960 minute summer	S10	495	184.248	0.064	14.0	0.0971	0.0000	OK
960 minute summer	S11	495	186.437	0.037	1.5	0.0596	0.0000	OK
960 minute summer	S12	495	186.229	0.052	3.0	0.0594	0.0000	OK
960 minute summer	S13	495	186.078	0.044	5.7	0.0627	0.0000	OK
960 minute summer	S14	495	185.328	0.078	7.8	0.1217	0.0000	OK
960 minute summer	S15	495	184.917	0.050	9.9	0.0695	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	S1	1.000	J1	0.7	0.426	0.080	0.0139
960 minute summer	S2	1.012	J12	9.2	0.674	0.308	0.0204
960 minute summer	S3	1.019	J18	13.9	1.038	0.455	0.2040
960 minute summer	S4	1.022	BASIN 1	20.1	1.249	0.120	1.1778
960 minute summer	S5	1.024	SWALE 1	1.8	0.355	0.034	0.1058
960 minute summer	S6	1.026	BASIN 2	1.8	0.405	0.034	0.0304
960 minute summer	S7	1.028	SWALE 2	1.7	0.472	0.011	0.0632
960 minute summer	S8	1.030	S9	1.7	0.489	0.012	0.0435
960 minute summer	S9	1.031	S10	1.7	0.520	0.032	0.0603
960 minute summer	S10	1.032	SWALE 3	14.0	0.962	0.078	0.0640
960 minute summer	S11	32.000	J28	1.5	0.542	0.252	0.0127
960 minute summer	S12	32.003	J30	3.0	0.506	0.223	0.0299
960 minute summer	S13	32.007	J33	5.7	1.340	0.176	0.0552
960 minute summer	S14	32.009	J34	7.8	0.901	0.449	0.0453
960 minute summer	S15	32.013	J37	10.0	1.001	0.108	0.0946

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Results for 100 year +45% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.65%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	S16	495	184.603	0.046	11.0	0.0578	0.0000	OK
960 minute summer	S17	960	186.731	0.731	0.3	0.8263	0.0000	FLOOD RISK
960 minute summer	S18	960	186.731	1.070	2.8	1.5112	0.0000	SURCHARGED
960 minute summer	S19	960	186.730	1.239	5.2	1.6980	0.0000	SURCHARGED
960 minute summer	S20	975	184.735	0.093	1.4	0.1139	0.0000	OK
960 minute summer	S21	975	184.740	0.281	2.3	0.3328	0.0000	SURCHARGED
960 minute summer	S22	1065	184.768	0.482	6.7	0.5894	0.0000	SURCHARGED
960 minute summer	S23	1155	184.823	0.665	53.4	0.7861	0.0000	SURCHARGED
960 minute summer	S24	1110	184.780	0.803	14.3	1.1664	0.0000	SURCHARGED
960 minute summer	S25	1020	184.733	0.807	23.2	0.9127	0.0000	SURCHARGED
960 minute summer	S26	495	185.396	0.019	0.7	0.0230	0.0000	OK
960 minute summer	FC1	495	188.567	0.317	0.6	0.4223	0.0000	SURCHARGED
960 minute summer	FC2	495	188.468	0.318	0.6	0.4228	0.0000	SURCHARGED
960 minute summer	FC3	510	188.828	0.628	1.0	1.1276	0.0000	SURCHARGED
960 minute summer	FC4	495	188.428	0.228	0.5	0.2949	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	S16	32.015	J38	11.0	0.951	0.075	0.0275
960 minute summer	S17	23.001	J20	0.3	0.263	0.049	0.0560
960 minute summer	S18	23.006	J24	2.6	0.455	0.193	0.0323
960 minute summer	S19	23.010	J27	5.0	0.394	0.168	0.3541
960 minute summer	S20	48.001	J41	-1.3	0.543	-0.218	0.0357
960 minute summer	S21	48.004	J43	2.3	0.682	0.393	0.0399
960 minute summer	S22	48.008	J46	6.1	0.546	0.457	0.0428
960 minute summer	S23	48.011	J48	72.7	1.828	2.359	0.0447
960 minute summer	S24	48.018	J56	14.2	0.525	0.266	0.2989
960 minute summer	S25	48.021	BASIN 4	24.3	0.690	0.440	0.2248
960 minute summer	S26	65.001	J54	0.7	0.649	0.076	0.0087
960 minute summer	FC1	2.000	J1	0.6	0.362	0.089	0.0082
960 minute summer	FC2	3.000	J2	0.6	0.234	0.093	0.0120
960 minute summer	FC3	4.000	J3	0.8	0.545	0.123	0.0135
960 minute summer	FC4	5.000	J4	0.5	0.528	0.061	0.0064

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Results for 100 year +45% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.65%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC5	495	188.318	0.318	0.6	0.4237	0.0000	SURCHARGED
960 minute summer	FC6	495	188.077	0.227	0.5	0.2936	0.0000	SURCHARGED
960 minute summer	FC7	495	187.979	0.229	0.5	0.2956	0.0000	SURCHARGED
960 minute summer	FC8	495	188.064	0.314	0.6	0.4180	0.0000	SURCHARGED
960 minute summer	FC9	495	187.701	0.230	0.5	0.2975	0.0000	SURCHARGED
960 minute summer	FC10	510	188.005	0.535	0.8	0.7545	0.0000	SURCHARGED
960 minute summer	FC11	510	187.576	0.256	0.5	0.3359	0.0000	SURCHARGED
960 minute summer	FC12	510	187.486	0.256	0.5	0.3360	0.0000	SURCHARGED
960 minute summer	FC13	495	187.318	0.318	0.6	0.4234	0.0000	SURCHARGED
960 minute summer	FC14	540	187.060	0.160	0.6	2.0464	0.0000	SURCHARGED
960 minute summer	FC15	495	187.424	0.223	0.5	0.2885	0.0000	SURCHARGED
960 minute summer	FC16	495	187.130	0.230	0.5	0.2966	0.0000	SURCHARGED
960 minute summer	FC17	495	187.225	0.225	0.5	0.2905	0.0000	SURCHARGED
960 minute summer	FC18	495	186.781	0.231	0.5	0.2976	0.0000	SURCHARGED
960 minute summer	FC19	960	186.740	0.340	0.6	0.4525	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC5	6.000	J5	0.5	0.463	0.093	0.0049
960 minute summer	FC6	7.000	J6	0.5	0.581	0.053	0.0059
960 minute summer	FC7	8.000	J7	0.5	0.505	0.065	0.0067
960 minute summer	FC8	9.000	J8	0.6	0.655	0.057	0.0035
960 minute summer	FC9	10.000	J9	0.5	0.446	0.078	0.0075
960 minute summer	FC10	11.000	J10	0.7	0.545	0.109	0.0083
960 minute summer	FC11	12.000	J11	0.5	0.452	0.083	0.0084
960 minute summer	FC12	13.000	S2	0.5	0.451	0.083	0.0075
960 minute summer	FC13	14.000	J12	0.5	0.467	0.093	0.0081
960 minute summer	FC14	15.000	J13	0.4	0.421	0.064	0.0068
960 minute summer	FC15	16.000	J14	0.5	0.941	0.027	0.0023
960 minute summer	FC16	17.000	J15	0.5	0.473	0.072	0.0074
960 minute summer	FC17	18.000	J16	0.5	0.750	0.037	0.0030
960 minute summer	FC18	19.000	J17	-0.5	0.443	-0.089	0.0548
960 minute summer	FC19	20.000	S3	0.5	0.465	0.093	0.0517

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Results for 100 year +45% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.65%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC20	495	187.261	0.311	0.6	0.4135	0.0000	SURCHARGED
960 minute summer	FC21	960	186.740	0.440	0.6	0.5855	0.0000	SURCHARGED
960 minute summer	FC22	960	186.731	0.280	0.5	2.7264	0.0000	SURCHARGED
960 minute summer	FC23	960	186.731	0.431	0.5	0.5559	0.0000	SURCHARGED
960 minute summer	FC24	960	186.740	0.440	0.6	0.5858	0.0000	SURCHARGED
960 minute summer	FC25	495	186.861	0.311	0.6	0.4136	0.0000	SURCHARGED
960 minute summer	FC26	975	186.730	0.280	0.5	2.8354	0.0000	SURCHARGED
960 minute summer	FC27	960	186.731	0.230	0.5	0.2975	0.0000	SURCHARGED
960 minute summer	FC28	495	186.811	0.311	0.6	0.4136	0.0000	SURCHARGED
960 minute summer	FC29	510	186.907	0.407	0.7	0.5499	0.0000	SURCHARGED
960 minute summer	FC30	495	187.061	0.311	0.6	0.4143	0.0000	SURCHARGED
960 minute summer	FC31	495	186.677	0.227	0.5	0.2929	0.0000	SURCHARGED
960 minute summer	FC32	495	186.675	0.225	0.5	0.2902	0.0000	SURCHARGED
960 minute summer	FC33	495	186.761	0.311	0.6	0.4145	0.0000	SURCHARGED
960 minute summer	FC34	495	186.768	0.318	0.6	0.4230	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC20	21.000	J18	0.6	0.935	0.034	0.0150
960 minute summer	FC21	22.000	J19	0.5	0.466	0.093	0.0599
960 minute summer	FC22	23.000	S17	0.3	0.556	0.019	0.0373
960 minute summer	FC23	24.000	J20	0.5	0.461	0.073	0.0359
960 minute summer	FC24	25.000	J21	0.6	0.544	0.074	0.0363
960 minute summer	FC25	26.000	J22	0.6	0.928	0.035	0.0370
960 minute summer	FC26	27.000	J23	0.3	0.708	0.026	0.0361
960 minute summer	FC27	28.000	J24	0.5	0.972	0.026	0.0352
960 minute summer	FC28	29.000	J25	0.6	0.933	0.034	0.0341
960 minute summer	FC29	30.000	J26	0.6	0.946	0.041	0.0369
960 minute summer	FC30	31.000	J27	0.6	0.872	0.038	0.0179
960 minute summer	FC31	33.000	J28	0.5	0.276	0.051	0.0080
960 minute summer	FC32	34.000	J29	0.5	0.244	0.037	0.0089
960 minute summer	FC33	35.000	S12	0.6	0.857	0.039	0.0027
960 minute summer	FC34	36.000	J30	0.5	0.478	0.089	0.0055

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Results for 100 year +45% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.65%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC35	495	186.761	0.311	0.6	0.4144	0.0000	SURCHARGED
960 minute summer	FC36	510	186.857	0.407	0.7	0.5497	0.0000	SURCHARGED
960 minute summer	FC37	510	186.326	0.526	0.8	0.7323	0.0000	SURCHARGED
960 minute summer	FC38	540	185.569	0.119	0.5	1.4298	0.0000	SURCHARGED
960 minute summer	FC39	495	185.674	0.224	0.5	0.2895	0.0000	SURCHARGED
960 minute summer	FC40	495	185.810	0.310	0.6	0.4124	0.0000	SURCHARGED
960 minute summer	FC41	495	185.163	0.313	0.6	0.4171	0.0000	SURCHARGED
960 minute summer	FC42	495	184.915	0.315	0.6	0.4191	0.0000	SURCHARGED
960 minute summer	FC43	495	184.913	0.313	0.6	0.4169	0.0000	SURCHARGED
960 minute summer	FC44	495	184.615	0.015	0.5	0.0191	0.0000	OK
960 minute summer	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
960 minute summer	FC46	510	185.236	0.536	0.8	0.7557	0.0000	SURCHARGED
960 minute summer	FC47	1095	184.753	0.003	0.0	0.0038	0.0000	OK
960 minute summer	FC48	495	185.111	0.311	0.6	0.4142	0.0000	SURCHARGED
960 minute summer	FC49	495	185.118	0.318	0.6	0.4237	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC35	37.000	J31	0.6	0.863	0.039	0.0033
960 minute summer	FC36	38.000	J32	0.6	0.965	0.040	0.0033
960 minute summer	FC37	39.000	J33	0.7	0.669	0.081	0.0071
960 minute summer	FC38	40.000	J34	0.3	0.678	0.026	0.0023
960 minute summer	FC39	41.000	J35	0.5	0.827	0.032	0.0025
960 minute summer	FC40	42.000	J36	0.6	1.061	0.029	0.0026
960 minute summer	FC41	43.000	J37	0.6	0.695	0.052	0.0040
960 minute summer	FC42	44.000	J38	0.6	0.605	0.064	0.0045
960 minute summer	FC43	45.000	J39	0.6	0.708	0.051	0.0034
960 minute summer	FC44	46.000	J40	0.5	0.708	0.044	0.0031
960 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
960 minute summer	FC46	48.000	S20	0.9	0.444	0.159	0.0295
960 minute summer	FC47	49.000	J41	0.0	0.004	0.002	0.0209
960 minute summer	FC48	50.000	J42	0.6	0.376	0.039	0.0200
960 minute summer	FC49	51.000	S21	0.5	0.463	0.093	0.0052

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Results for 100 year +45% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.65%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC50	495	185.118	0.318	0.6	0.4236	0.0000	SURCHARGED
960 minute summer	FC51	495	185.168	0.318	0.6	0.4235	0.0000	SURCHARGED
960 minute summer	FC52	510	185.662	0.412	0.7	0.5655	0.0000	SURCHARGED
960 minute summer	FC53	495	185.564	0.314	0.6	0.4184	0.0000	SURCHARGED
960 minute summer	FC54	495	185.476	0.226	0.5	0.2918	0.0000	SURCHARGED
960 minute summer	FC55	495	185.474	0.224	0.5	0.2893	0.0000	SURCHARGED
960 minute summer	FC56	495	185.661	0.311	0.6	0.4137	0.0000	SURCHARGED
960 minute summer	FC57	495	185.661	0.311	0.6	0.4144	0.0000	SURCHARGED
960 minute summer	FC58	495	185.575	0.225	0.5	0.2900	0.0000	SURCHARGED
960 minute summer	FC59	495	185.575	0.225	0.5	0.2908	0.0000	SURCHARGED
960 minute summer	FC60	495	185.662	0.312	0.6	0.4159	0.0000	SURCHARGED
960 minute summer	FC61	495	185.615	0.315	0.6	0.4189	0.0000	SURCHARGED
960 minute summer	FC62	510	185.872	0.622	0.9	0.9493	0.0000	SURCHARGED
960 minute summer	FC63	495	185.631	0.231	0.5	0.2983	0.0000	SURCHARGED
960 minute summer	FC64	495	185.318	0.318	0.6	0.4231	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC50	52.000	J43	0.5	0.463	0.093	0.0056
960 minute summer	FC51	55.000	S22	0.5	0.465	0.093	0.0073
960 minute summer	FC52	58.000	S23	0.6	0.704	0.063	0.0049
960 minute summer	FC53	61.000	J50	0.6	0.635	0.059	0.0037
960 minute summer	FC54	62.000	J51	0.5	0.671	0.043	0.0028
960 minute summer	FC55	64.000	J53	0.5	0.845	0.031	0.0023
960 minute summer	FC56	53.000	J44	0.6	0.917	0.036	0.0040
960 minute summer	FC57	54.000	J45	0.6	0.861	0.039	0.0041
960 minute summer	FC58	56.000	J46	0.5	0.787	0.035	0.0037
960 minute summer	FC59	57.000	J47	0.5	0.730	0.039	0.0041
960 minute summer	FC60	59.000	J48	0.6	0.759	0.046	0.0048
960 minute summer	FC61	60.000	J49	0.6	0.609	0.064	0.0067
960 minute summer	FC62	63.000	J52	0.8	0.621	0.102	0.0118
960 minute summer	FC63	65.000	S26	0.5	0.433	0.078	0.0026
960 minute summer	FC64	66.000	J54	0.5	0.324	0.093	0.0038

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Results for 100 year +45% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.65%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	FC65	495	185.460	0.310	0.6	0.4123	0.0000	SURCHARGED
960 minute summer	FC66	495	185.317	0.317	0.6	0.4219	0.0000	SURCHARGED
960 minute summer	FC67	540	184.930	0.130	0.5	1.3382	0.0000	SURCHARGED
960 minute summer	FC68	495	184.778	0.228	0.5	0.2938	0.0000	SURCHARGED
960 minute summer	J1	495	188.234	0.034	2.0	0.0458	0.0000	OK
960 minute summer	J2	495	188.158	0.052	2.5	0.0590	0.0000	OK
960 minute summer	J3	495	188.097	0.051	3.3	0.0580	0.0000	OK
960 minute summer	J4	495	188.072	0.037	3.7	0.0417	0.0000	OK
960 minute summer	J5	495	187.944	0.034	4.3	0.0384	0.0000	OK
960 minute summer	J6	495	187.701	0.051	4.8	0.0579	0.0000	OK
960 minute summer	J7	495	187.665	0.065	5.2	0.0730	0.0000	OK
960 minute summer	J8	495	187.640	0.047	5.8	0.0529	0.0000	OK
960 minute summer	J9	495	187.340	0.065	6.2	0.0738	0.0000	OK
960 minute summer	J10	495	187.308	0.038	6.9	0.0430	0.0000	OK
960 minute summer	J11	495	187.176	0.055	7.4	0.0626	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	FC65	67.000	J55	0.6	0.353	0.029	0.0037
960 minute summer	FC66	68.000	S24	0.6	0.520	0.076	0.0022
960 minute summer	FC67	69.000	J56	0.3	0.396	0.058	0.0018
960 minute summer	FC68	70.000	J57	-4.5	0.582	-0.496	0.0178
960 minute summer	J1	1.001	J2	1.9	0.606	0.235	0.0162
960 minute summer	J2	1.002	J3	2.5	0.660	0.422	0.0039
960 minute summer	J3	1.003	J4	3.3	0.761	0.247	0.0084
960 minute summer	J4	1.004	J5	3.7	1.181	0.111	0.0112
960 minute summer	J5	1.005	J6	4.3	1.045	0.112	0.0235
960 minute summer	J6	1.006	J7	4.8	0.759	0.167	0.0123
960 minute summer	J7	1.007	J8	5.2	0.877	0.374	0.0067
960 minute summer	J8	1.008	J9	5.8	1.275	0.191	0.0383
960 minute summer	J9	1.009	J10	6.2	0.908	0.187	0.0084
960 minute summer	J10	1.010	J11	6.9	1.166	0.054	0.0147
960 minute summer	J11	1.011	S2	7.4	0.663	0.115	0.0607

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Results for 100 year +45% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.65%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J12	495	186.869	0.060	9.7	0.0683	0.0000	OK
960 minute summer	J13	495	186.811	0.109	10.1	0.1232	0.0000	OK
960 minute summer	J14	495	186.798	0.103	10.5	0.1169	0.0000	OK
960 minute summer	J15	495	186.781	0.093	11.0	0.1051	0.0000	OK
960 minute summer	J16	495	186.746	0.076	11.5	0.0862	0.0000	OK
960 minute summer	J17	960	186.731	0.373	11.9	0.4213	0.0000	SURCHARGED
960 minute summer	J18	960	186.731	0.536	14.3	0.6067	0.0000	SURCHARGED
960 minute summer	J19	975	186.731	0.704	14.4	0.7964	0.0000	SURCHARGED
960 minute summer	J20	960	186.731	0.800	0.7	0.9044	0.0000	SURCHARGED
960 minute summer	J21	960	186.731	0.836	1.1	0.9451	0.0000	SURCHARGED
960 minute summer	J22	960	186.731	0.913	1.5	1.0322	0.0000	SURCHARGED
960 minute summer	J23	960	186.731	0.948	1.8	1.0717	0.0000	SURCHARGED
960 minute summer	J24	960	186.731	1.081	3.1	1.2220	0.0000	SURCHARGED
960 minute summer	J25	960	186.731	1.115	3.5	1.2616	0.0000	SURCHARGED
960 minute summer	J26	960	186.731	1.143	4.0	1.2932	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J12	1.013	J13	9.7	0.714	0.145	0.0892
960 minute summer	J13	1.014	J14	10.1	0.547	0.321	0.0349
960 minute summer	J14	1.015	J15	10.5	0.634	0.337	0.0319
960 minute summer	J15	1.016	J16	11.0	0.807	0.359	0.0699
960 minute summer	J16	1.017	J17	11.4	1.065	0.190	0.0454
960 minute summer	J17	1.018	S3	11.9	1.046	0.082	0.0750
960 minute summer	J18	1.020	J19	13.8	1.759	0.106	0.0592
960 minute summer	J19	1.021	S4	14.3	0.714	0.260	0.3096
960 minute summer	J20	23.002	J21	0.6	0.396	0.108	0.0295
960 minute summer	J21	23.003	J22	1.1	0.464	0.184	0.0627
960 minute summer	J22	23.004	J23	1.4	0.556	0.238	0.0281
960 minute summer	J23	23.005	S18	1.6	0.598	0.277	0.0587
960 minute summer	J24	23.007	J25	3.0	0.468	0.224	0.1088
960 minute summer	J25	23.008	J26	3.4	0.483	0.256	0.0874
960 minute summer	J26	23.009	S19	3.9	0.550	0.292	0.0652

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Results for 100 year +45% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.65%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J27	975	186.732	1.271	5.6	1.4370	0.0000	SURCHARGED
960 minute summer	J28	495	186.397	0.041	2.0	0.0462	0.0000	OK
960 minute summer	J29	495	186.319	0.048	2.4	0.0540	0.0000	OK
960 minute summer	J30	495	186.205	0.058	3.5	0.0655	0.0000	OK
960 minute summer	J31	495	186.179	0.060	4.1	0.0677	0.0000	OK
960 minute summer	J32	495	186.127	0.063	4.7	0.0711	0.0000	OK
960 minute summer	J33	495	185.653	0.043	6.4	0.0487	0.0000	OK
960 minute summer	J34	495	185.197	0.072	8.1	0.0818	0.0000	OK
960 minute summer	J35	495	185.122	0.047	8.5	0.0532	0.0000	OK
960 minute summer	J36	495	184.955	0.080	9.1	0.0908	0.0000	OK
960 minute summer	J37	495	184.660	0.085	10.6	0.0963	0.0000	OK
960 minute summer	J38	495	184.480	0.105	11.6	0.1183	0.0000	OK
960 minute summer	J39	495	184.442	0.104	12.1	0.1172	0.0000	OK
960 minute summer	J40	495	184.414	0.089	12.6	0.1008	0.0000	OK
960 minute summer	J41	975	184.741	0.144	1.4	0.1631	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J27	23.011	S4	6.6	0.456	0.222	0.0951
960 minute summer	J28	32.001	J29	2.0	0.587	0.331	0.0295
960 minute summer	J29	32.002	S12	2.4	0.689	0.409	0.0164
960 minute summer	J30	32.004	J31	3.5	0.549	0.266	0.0319
960 minute summer	J31	32.005	J32	4.1	0.601	0.306	0.0660
960 minute summer	J32	32.006	S13	4.7	0.833	0.353	0.0300
960 minute summer	J33	32.008	S14	6.4	0.966	0.180	0.0607
960 minute summer	J34	32.010	J35	8.1	0.961	0.210	0.0767
960 minute summer	J35	32.011	J36	8.5	0.927	0.096	0.0643
960 minute summer	J36	32.012	S15	9.1	0.984	0.302	0.0228
960 minute summer	J37	32.014	S16	10.5	1.100	0.346	0.0506
960 minute summer	J38	32.016	J39	11.6	0.645	0.383	0.1943
960 minute summer	J39	32.017	J40	12.1	0.747	0.394	0.0594
960 minute summer	J40	32.018	S10	12.6	0.906	0.293	0.1332
960 minute summer	J41	48.002	J42	-1.4	0.471	-0.235	0.0486

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Results for 100 year +45% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.65%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J42	975	184.744	0.207	1.9	0.2338	0.0000	SURCHARGED
960 minute summer	J43	1110	184.756	0.396	3.5	0.4474	0.0000	SURCHARGED
960 minute summer	J44	1110	184.757	0.407	4.6	0.4607	0.0000	SURCHARGED
960 minute summer	J45	1065	184.762	0.462	6.1	0.5229	0.0000	SURCHARGED
960 minute summer	J46	1065	184.775	0.503	6.1	0.5685	0.0000	SURCHARGED
960 minute summer	J47	1065	184.775	0.527	33.0	0.5960	0.0000	SURCHARGED
960 minute summer	J48	1065	184.785	0.631	87.4	0.7133	0.0000	SURCHARGED
960 minute summer	J49	1020	184.806	0.677	103.1	0.7656	0.0000	SURCHARGED
960 minute summer	J50	1080	184.756	0.631	62.4	0.7135	0.0000	SURCHARGED
960 minute summer	J51	1110	184.755	0.647	35.2	0.7317	0.0000	SURCHARGED
960 minute summer	J52	1065	184.775	0.671	12.9	0.7591	0.0000	SURCHARGED
960 minute summer	J53	1110	184.750	0.663	10.2	0.7498	0.0000	SURCHARGED
960 minute summer	J54	495	185.012	0.033	1.2	0.0372	0.0000	OK
960 minute summer	J55	495	184.983	0.039	1.8	0.0440	0.0000	OK
960 minute summer	J56	1110	184.780	0.813	14.5	0.9199	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J42	48.003	S21	-1.9	0.521	-0.328	0.0640
960 minute summer	J43	48.005	J44	4.0	0.506	0.283	0.0283
960 minute summer	J44	48.006	J45	6.1	0.496	0.454	0.1545
960 minute summer	J45	48.007	S22	6.7	0.457	0.491	0.0419
960 minute summer	J46	48.009	J47	-6.1	0.593	-0.460	0.0742
960 minute summer	J47	48.010	S23	-25.2	-1.431	-1.890	0.0465
960 minute summer	J48	48.012	J49	-30.1	-0.757	-1.007	0.2962
960 minute summer	J49	48.013	J50	-90.3	-2.270	-2.945	0.0451
960 minute summer	J50	48.014	J51	-12.9	0.483	-0.431	0.2018
960 minute summer	J51	48.015	J52	-32.1	-0.807	-1.047	0.0451
960 minute summer	J52	48.016	J53	9.7	0.600	0.318	0.1938
960 minute summer	J53	48.017	S24	10.1	0.706	0.336	0.4079
960 minute summer	J54	65.002	J55	1.2	0.479	0.205	0.0092
960 minute summer	J55	65.003	S24	1.8	0.641	0.298	0.0216
960 minute summer	J56	48.019	J57	19.7	0.549	0.364	0.6398

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Results for 100 year +45% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 99.65%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	J57	1110	184.758	0.813	20.4	0.9193	0.0000	SURCHARGED
960 minute summer	BASIN 1	960	186.730	1.730	20.1	260.8868	0.0000	FLOOD RISK
960 minute summer	BASIN 2	1020	184.868	0.568	1.8	57.5616	0.0000	OK
960 minute summer	BASIN 3	1200	183.441	0.341	14.0	243.0355	0.0000	OK
960 minute summer	BASIN 4	990	184.730	1.400	24.3	225.8400	0.0000	SURCHARGED
960 minute summer	SWALE 1	915	184.970	0.038	1.8	0.0431	0.0000	OK
960 minute summer	SWALE 2	1020	184.488	0.038	1.7	0.0433	0.0000	OK
960 minute summer	SWALE 3	495	184.163	0.093	14.0	0.1048	0.0000	OK
960 minute summer	BH1	1020	184.868	0.791	0.5	3.0956	0.0000	OK
960 minute summer	BH2	1200	183.441	0.389	0.8	3.5384	0.0000	OK
960 minute summer	BH3	990	184.730	1.424	1.3	7.4590	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	J57	48.020	S25	23.2	0.593	0.431	0.5574
960 minute summer	BASIN 1	1.023	S5	1.8	0.068	0.035	0.6013
960 minute summer	BASIN 2	1.027	S7	1.7	0.474	0.033	0.0819
960 minute summer	BASIN 2	71.000	BH1	0.5	0.399	0.087	0.1829
960 minute summer	BASIN 3	1.034	BH2	0.8	0.242	0.010	2.9120
960 minute summer	BASIN 4	48.022	BH3	1.3	0.414	0.025	0.7181
960 minute summer	SWALE 1	1.025	S6	1.8	0.354	0.035	0.1992
960 minute summer	SWALE 2	1.029	S8	1.7	0.459	0.033	0.0997
960 minute summer	SWALE 3	1.033	BASIN 3	14.0	0.776	0.202	0.7787
960 minute summer	BH1	Infiltration		0.1			
960 minute summer	BH2	Infiltration		0.2			
960 minute summer	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.46%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S1	465	188.386	0.016	0.5	0.0220	0.0000	OK
960 minute winter	S2	495	187.118	0.079	7.1	0.1163	0.0000	OK
960 minute winter	S3	930	186.875	0.663	16.5	0.8621	0.0000	SURCHARGED
960 minute winter	S4	930	186.875	1.497	17.2	1.7785	0.0000	SURCHARGED
960 minute winter	S5	930	186.875	1.895	1.9	2.1431	0.0000	FLOOD RISK
960 minute winter	S6	960	184.884	0.040	1.9	0.0455	0.0000	OK
960 minute winter	S7	1005	184.802	0.023	1.8	0.0258	0.0000	OK
960 minute winter	S8	1005	184.414	0.024	1.8	0.0271	0.0000	OK
960 minute winter	S9	495	184.238	0.038	1.8	0.0433	0.0000	OK
960 minute winter	S10	495	184.238	0.054	10.8	0.0828	0.0000	OK
960 minute winter	S11	495	186.431	0.031	1.1	0.0500	0.0000	OK
960 minute winter	S12	495	186.221	0.045	2.2	0.0505	0.0000	OK
960 minute winter	S13	495	186.072	0.038	4.3	0.0543	0.0000	OK
960 minute winter	S14	495	185.316	0.066	5.9	0.1032	0.0000	OK
960 minute winter	S15	495	184.911	0.044	7.7	0.0608	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	S1	1.000	J1	0.5	0.391	0.057	0.0107
960 minute winter	S2	1.012	J12	7.1	0.626	0.236	0.0169
960 minute winter	S3	1.019	J18	10.3	0.967	0.335	0.2040
960 minute winter	S4	1.022	BASIN 1	15.2	1.103	0.091	1.1778
960 minute winter	S5	1.024	SWALE 1	1.9	0.360	0.036	0.1086
960 minute winter	S6	1.026	BASIN 2	1.9	0.410	0.035	0.0313
960 minute winter	S7	1.028	SWALE 2	1.8	0.479	0.012	0.0650
960 minute winter	S8	1.030	S9	1.8	0.496	0.013	0.0450
960 minute winter	S9	1.031	S10	1.8	0.527	0.034	0.0464
960 minute winter	S10	1.032	SWALE 3	10.7	0.908	0.060	0.0521
960 minute winter	S11	32.000	J28	1.1	0.507	0.185	0.0101
960 minute winter	S12	32.003	J30	2.2	0.479	0.168	0.0239
960 minute winter	S13	32.007	J33	4.3	1.241	0.134	0.0454
960 minute winter	S14	32.009	J34	5.9	0.843	0.341	0.0367
960 minute winter	S15	32.013	J37	7.6	0.923	0.083	0.0787

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Results for 100 year +45% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.46%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S16	495	184.596	0.038	8.5	0.0486	0.0000	OK
960 minute winter	S17	930	186.875	0.875	0.3	0.9898	0.0000	FLOOD RISK
960 minute winter	S18	945	186.875	1.214	2.2	1.7159	0.0000	FLOOD RISK
960 minute winter	S19	930	186.875	1.384	4.0	1.8962	0.0000	SURCHARGED
960 minute winter	S20	1080	184.846	0.204	0.8	0.2486	0.0000	SURCHARGED
960 minute winter	S21	990	184.845	0.386	1.8	0.4577	0.0000	SURCHARGED
960 minute winter	S22	975	184.862	0.576	5.9	0.7042	0.0000	SURCHARGED
960 minute winter	S23	975	184.872	0.714	6.0	0.8437	0.0000	SURCHARGED
960 minute winter	S24	1035	184.842	0.865	10.7	1.2554	0.0000	SURCHARGED
960 minute winter	S25	960	184.840	0.914	10.8	1.0332	0.0000	SURCHARGED
960 minute winter	S26	495	185.395	0.018	0.6	0.0214	0.0000	OK
960 minute winter	FC1	555	188.424	0.174	0.4	0.2315	0.0000	SURCHARGED
960 minute winter	FC2	555	188.324	0.174	0.4	0.2319	0.0000	SURCHARGED
960 minute winter	FC3	525	188.690	0.490	0.7	0.7113	0.0000	SURCHARGED
960 minute winter	FC4	495	188.354	0.154	0.4	0.1991	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	S16	32.015	J38	8.5	0.915	0.058	0.0221
960 minute winter	S17	23.001	J20	0.3	0.272	0.043	0.0560
960 minute winter	S18	23.006	J24	2.1	0.447	0.151	0.0323
960 minute winter	S19	23.010	J27	3.8	0.403	0.128	0.3541
960 minute winter	S20	48.001	J41	0.8	0.509	0.134	0.0362
960 minute winter	S21	48.004	J43	1.8	0.639	0.304	0.0399
960 minute winter	S22	48.008	J46	-5.9	0.520	-0.438	0.0428
960 minute winter	S23	48.011	J48	5.2	0.436	0.169	0.0447
960 minute winter	S24	48.018	J56	10.5	0.499	0.197	0.2989
960 minute winter	S25	48.021	BASIN 4	10.6	0.653	0.193	0.2248
960 minute winter	S26	65.001	J54	0.6	0.623	0.066	0.0079
960 minute winter	FC1	2.000	J1	0.4	0.325	0.065	0.0064
960 minute winter	FC2	3.000	J2	0.4	0.213	0.067	0.0094
960 minute winter	FC3	4.000	J3	0.7	0.526	0.109	0.0123
960 minute winter	FC4	5.000	J4	0.4	0.498	0.050	0.0055

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Results for 100 year +45% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.46%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC5	555	188.175	0.175	0.4	0.2327	0.0000	SURCHARGED
960 minute winter	FC6	495	188.003	0.153	0.4	0.1979	0.0000	SURCHARGED
960 minute winter	FC7	495	187.905	0.155	0.4	0.1997	0.0000	SURCHARGED
960 minute winter	FC8	555	187.921	0.171	0.4	0.2275	0.0000	SURCHARGED
960 minute winter	FC9	495	187.626	0.156	0.4	0.2015	0.0000	SURCHARGED
960 minute winter	FC10	540	187.841	0.371	0.6	0.5240	0.0000	SURCHARGED
960 minute winter	FC11	540	187.495	0.175	0.4	0.2288	0.0000	SURCHARGED
960 minute winter	FC12	540	187.405	0.175	0.4	0.2289	0.0000	SURCHARGED
960 minute winter	FC13	555	187.175	0.175	0.4	0.2324	0.0000	SURCHARGED
960 minute winter	FC14	570	187.033	0.133	0.4	1.6993	0.0000	SURCHARGED
960 minute winter	FC15	495	187.351	0.150	0.4	0.1943	0.0000	SURCHARGED
960 minute winter	FC16	495	187.055	0.155	0.4	0.2006	0.0000	SURCHARGED
960 minute winter	FC17	495	187.151	0.151	0.4	0.1951	0.0000	SURCHARGED
960 minute winter	FC18	915	186.880	0.330	0.4	0.4256	0.0000	SURCHARGED
960 minute winter	FC19	930	186.884	0.484	0.4	0.6444	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC5	6.000	J5	0.4	0.423	0.067	0.0039
960 minute winter	FC6	7.000	J6	0.4	0.547	0.043	0.0050
960 minute winter	FC7	8.000	J7	0.4	0.475	0.053	0.0057
960 minute winter	FC8	9.000	J8	0.4	0.598	0.041	0.0028
960 minute winter	FC9	10.000	J9	0.4	0.419	0.063	0.0065
960 minute winter	FC10	11.000	J10	0.6	0.517	0.090	0.0072
960 minute winter	FC11	12.000	J11	0.4	0.425	0.068	0.0073
960 minute winter	FC12	13.000	S2	0.4	0.425	0.068	0.0065
960 minute winter	FC13	14.000	J12	0.4	0.426	0.067	0.0064
960 minute winter	FC14	15.000	J13	0.3	0.409	0.058	0.0163
960 minute winter	FC15	16.000	J14	0.4	0.885	0.022	0.0110
960 minute winter	FC16	17.000	J15	0.4	0.445	0.058	0.0201
960 minute winter	FC17	18.000	J16	0.4	0.704	0.030	0.0165
960 minute winter	FC18	19.000	J17	0.4	0.417	0.064	0.0548
960 minute winter	FC19	20.000	S3	0.6	0.424	0.098	0.0517

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Results for 100 year +45% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.46%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC20	555	187.118	0.168	0.4	0.2234	0.0000	SURCHARGED
960 minute winter	FC21	930	186.884	0.584	0.4	0.7772	0.0000	SURCHARGED
960 minute winter	FC22	945	186.876	0.426	0.4	4.1379	0.0000	SURCHARGED
960 minute winter	FC23	915	186.880	0.580	0.4	0.7487	0.0000	SURCHARGED
960 minute winter	FC24	930	186.884	0.584	0.4	0.7777	0.0000	SURCHARGED
960 minute winter	FC25	930	186.884	0.334	0.4	0.4449	0.0000	SURCHARGED
960 minute winter	FC26	945	186.876	0.425	0.4	4.3018	0.0000	SURCHARGED
960 minute winter	FC27	915	186.880	0.379	0.4	0.4899	0.0000	SURCHARGED
960 minute winter	FC28	930	186.884	0.384	0.4	0.5111	0.0000	SURCHARGED
960 minute winter	FC29	930	186.884	0.384	0.5	0.5187	0.0000	SURCHARGED
960 minute winter	FC30	555	186.918	0.168	0.4	0.2241	0.0000	SURCHARGED
960 minute winter	FC31	495	186.603	0.153	0.4	0.1973	0.0000	SURCHARGED
960 minute winter	FC32	495	186.601	0.151	0.4	0.1949	0.0000	SURCHARGED
960 minute winter	FC33	555	186.619	0.169	0.4	0.2243	0.0000	SURCHARGED
960 minute winter	FC34	555	186.624	0.174	0.4	0.2321	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC20	21.000	J18	0.4	0.851	0.025	0.0176
960 minute winter	FC21	22.000	J19	0.4	0.425	0.068	0.0599
960 minute winter	FC22	23.000	S17	0.3	0.534	0.016	0.0373
960 minute winter	FC23	24.000	J20	0.4	0.434	0.060	0.0359
960 minute winter	FC24	25.000	J21	0.4	0.496	0.054	0.0363
960 minute winter	FC25	26.000	J22	0.4	0.844	0.025	0.0370
960 minute winter	FC26	27.000	J23	0.3	0.680	0.023	0.0361
960 minute winter	FC27	28.000	J24	0.4	0.855	0.021	0.0352
960 minute winter	FC28	29.000	J25	0.4	0.849	0.025	0.0341
960 minute winter	FC29	30.000	J26	0.5	0.878	0.032	0.0369
960 minute winter	FC30	31.000	J27	0.4	0.793	0.028	0.0345
960 minute winter	FC31	33.000	J28	0.4	0.256	0.042	0.0065
960 minute winter	FC32	34.000	J29	0.4	0.229	0.030	0.0073
960 minute winter	FC33	35.000	S12	0.4	0.780	0.028	0.0021
960 minute winter	FC34	36.000	J30	0.4	0.437	0.065	0.0044

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Results for 100 year +45% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.46%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC35	555	186.619	0.168	0.4	0.2242	0.0000	SURCHARGED
960 minute winter	FC36	525	186.705	0.255	0.5	0.3448	0.0000	SURCHARGED
960 minute winter	FC37	510	186.154	0.354	0.6	0.4928	0.0000	SURCHARGED
960 minute winter	FC38	585	185.546	0.096	0.4	1.1601	0.0000	OK
960 minute winter	FC39	495	185.601	0.151	0.4	0.1944	0.0000	SURCHARGED
960 minute winter	FC40	555	185.668	0.168	0.4	0.2232	0.0000	SURCHARGED
960 minute winter	FC41	555	185.020	0.170	0.4	0.2267	0.0000	SURCHARGED
960 minute winter	FC42	555	184.772	0.172	0.4	0.2285	0.0000	SURCHARGED
960 minute winter	FC43	555	184.770	0.170	0.4	0.2265	0.0000	SURCHARGED
960 minute winter	FC44	495	184.613	0.013	0.4	0.0171	0.0000	OK
960 minute winter	FC45	15	184.600	0.000	0.0	0.0000	0.0000	OK
960 minute winter	FC46	540	185.072	0.372	0.6	0.5251	0.0000	SURCHARGED
960 minute winter	FC47	1080	184.844	0.094	0.2	0.1065	0.0000	OK
960 minute winter	FC48	555	184.968	0.168	0.4	0.2241	0.0000	SURCHARGED
960 minute winter	FC49	555	184.975	0.175	0.4	0.2327	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC35	37.000	J31	0.4	0.785	0.028	0.0026
960 minute winter	FC36	38.000	J32	0.5	0.899	0.032	0.0028
960 minute winter	FC37	39.000	J33	0.6	0.630	0.066	0.0061
960 minute winter	FC38	40.000	J34	0.3	0.655	0.024	0.0021
960 minute winter	FC39	41.000	J35	0.4	0.777	0.026	0.0022
960 minute winter	FC40	42.000	J36	0.4	0.965	0.021	0.0021
960 minute winter	FC41	43.000	J37	0.4	0.633	0.038	0.0032
960 minute winter	FC42	44.000	J38	0.4	0.552	0.046	0.0036
960 minute winter	FC43	45.000	J39	0.4	0.645	0.037	0.0027
960 minute winter	FC44	46.000	J40	0.4	0.664	0.036	0.0026
960 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
960 minute winter	FC46	48.000	S20	0.6	0.422	0.101	0.0470
960 minute winter	FC47	49.000	J41	0.3	0.043	0.032	0.0409
960 minute winter	FC48	50.000	J42	-0.5	0.364	-0.036	0.0277
960 minute winter	FC49	51.000	S21	-0.7	0.423	-0.114	0.0228

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Results for 100 year +45% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.46%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC50	555	184.975	0.175	0.4	0.2326	0.0000	SURCHARGED
960 minute winter	FC51	555	185.025	0.175	0.4	0.2325	0.0000	SURCHARGED
960 minute winter	FC52	555	185.510	0.260	0.5	0.3567	0.0000	SURCHARGED
960 minute winter	FC53	555	185.421	0.171	0.4	0.2279	0.0000	SURCHARGED
960 minute winter	FC54	495	185.402	0.152	0.4	0.1963	0.0000	SURCHARGED
960 minute winter	FC55	495	185.401	0.151	0.4	0.1943	0.0000	SURCHARGED
960 minute winter	FC56	555	185.518	0.168	0.4	0.2236	0.0000	SURCHARGED
960 minute winter	FC57	555	185.519	0.168	0.4	0.2242	0.0000	SURCHARGED
960 minute winter	FC58	495	185.501	0.151	0.4	0.1947	0.0000	SURCHARGED
960 minute winter	FC59	495	185.501	0.151	0.4	0.1953	0.0000	SURCHARGED
960 minute winter	FC60	555	185.520	0.170	0.4	0.2256	0.0000	SURCHARGED
960 minute winter	FC61	555	185.472	0.172	0.4	0.2284	0.0000	SURCHARGED
960 minute winter	FC62	510	185.721	0.471	0.7	0.6738	0.0000	SURCHARGED
960 minute winter	FC63	495	185.557	0.157	0.4	0.2021	0.0000	SURCHARGED
960 minute winter	FC64	555	185.174	0.174	0.4	0.2320	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC50	52.000	J43	1.1	0.423	0.192	0.0254
960 minute winter	FC51	55.000	S22	0.4	0.425	0.068	0.0185
960 minute winter	FC52	58.000	S23	0.5	0.658	0.050	0.0041
960 minute winter	FC53	61.000	J50	0.4	0.580	0.043	0.0029
960 minute winter	FC54	62.000	J51	0.4	0.632	0.035	0.0024
960 minute winter	FC55	64.000	J53	0.4	0.795	0.025	0.0020
960 minute winter	FC56	53.000	J44	0.4	0.834	0.026	0.0032
960 minute winter	FC57	54.000	J45	0.4	0.782	0.028	0.0033
960 minute winter	FC58	56.000	J46	0.4	0.739	0.028	0.0032
960 minute winter	FC59	57.000	J47	0.4	0.686	0.031	0.0035
960 minute winter	FC60	59.000	J48	0.4	0.691	0.034	0.0038
960 minute winter	FC61	60.000	J49	0.4	0.555	0.046	0.0053
960 minute winter	FC62	63.000	J52	0.7	0.596	0.089	0.0107
960 minute winter	FC63	65.000	S26	0.4	0.399	0.064	0.0023
960 minute winter	FC64	66.000	J54	0.4	0.303	0.068	0.0031

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Results for 100 year +45% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.46%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	FC65	555	185.318	0.168	0.4	0.2232	0.0000	SURCHARGED
960 minute winter	FC66	555	185.174	0.174	0.4	0.2310	0.0000	SURCHARGED
960 minute winter	FC67	585	184.903	0.103	0.4	1.0641	0.0000	SURCHARGED
960 minute winter	FC68	975	184.838	0.288	0.4	0.3715	0.0000	SURCHARGED
960 minute winter	J1	525	188.228	0.028	1.4	0.0377	0.0000	OK
960 minute winter	J2	525	188.149	0.043	1.8	0.0488	0.0000	OK
960 minute winter	J3	525	188.090	0.044	2.5	0.0503	0.0000	OK
960 minute winter	J4	495	188.067	0.032	2.9	0.0360	0.0000	OK
960 minute winter	J5	495	187.940	0.030	3.2	0.0335	0.0000	OK
960 minute winter	J6	495	187.693	0.043	3.6	0.0487	0.0000	OK
960 minute winter	J7	495	187.656	0.056	4.0	0.0633	0.0000	OK
960 minute winter	J8	495	187.634	0.040	4.4	0.0458	0.0000	OK
960 minute winter	J9	495	187.332	0.057	4.8	0.0645	0.0000	OK
960 minute winter	J10	495	187.303	0.033	5.4	0.0373	0.0000	OK
960 minute winter	J11	495	187.169	0.048	5.8	0.0542	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	FC65	67.000	J55	0.4	0.328	0.021	0.0030
960 minute winter	FC66	68.000	S24	0.4	0.476	0.056	0.0018
960 minute winter	FC67	69.000	J56	1.0	0.382	0.167	0.0083
960 minute winter	FC68	70.000	J57	2.8	0.549	0.308	0.0178
960 minute winter	J1	1.001	J2	1.4	0.562	0.169	0.0126
960 minute winter	J2	1.002	J3	1.8	0.607	0.304	0.0031
960 minute winter	J3	1.003	J4	2.5	0.711	0.187	0.0069
960 minute winter	J4	1.004	J5	2.9	1.101	0.085	0.0091
960 minute winter	J5	1.005	J6	3.2	0.995	0.085	0.0188
960 minute winter	J6	1.006	J7	3.6	0.716	0.127	0.0100
960 minute winter	J7	1.007	J8	4.0	0.819	0.287	0.0055
960 minute winter	J8	1.008	J9	4.4	1.186	0.145	0.0314
960 minute winter	J9	1.009	J10	4.8	0.848	0.143	0.0069
960 minute winter	J10	1.010	J11	5.4	1.111	0.042	0.0119
960 minute winter	J11	1.011	S2	5.8	0.628	0.089	0.0499

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Results for 100 year +45% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.46%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J12	945	186.878	0.068	7.5	0.0774	0.0000	OK
960 minute winter	J13	945	186.877	0.175	7.8	0.1974	0.0000	OK
960 minute winter	J14	945	186.879	0.184	8.1	0.2078	0.0000	OK
960 minute winter	J15	930	186.875	0.187	8.5	0.2118	0.0000	OK
960 minute winter	J16	930	186.875	0.205	8.9	0.2321	0.0000	OK
960 minute winter	J17	945	186.877	0.518	9.3	0.5864	0.0000	SURCHARGED
960 minute winter	J18	945	186.876	0.682	10.7	0.7708	0.0000	SURCHARGED
960 minute winter	J19	945	186.876	0.849	14.7	0.9603	0.0000	SURCHARGED
960 minute winter	J20	930	186.875	0.944	0.6	1.0678	0.0000	SURCHARGED
960 minute winter	J21	930	186.875	0.980	0.9	1.1086	0.0000	SURCHARGED
960 minute winter	J22	930	186.875	1.057	1.2	1.1957	0.0000	SURCHARGED
960 minute winter	J23	930	186.875	1.092	1.4	1.2352	0.0000	SURCHARGED
960 minute winter	J24	945	186.875	1.225	2.4	1.3859	0.0000	FLOOD RISK
960 minute winter	J25	945	186.876	1.261	2.7	1.4258	0.0000	SURCHARGED
960 minute winter	J26	945	186.875	1.288	3.1	1.4570	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J12	1.013	J13	7.5	0.672	0.111	0.1407
960 minute winter	J13	1.014	J14	7.8	0.512	0.247	0.0641
960 minute winter	J14	1.015	J15	8.1	0.591	0.261	0.0666
960 minute winter	J15	1.016	J16	8.5	0.756	0.278	0.1880
960 minute winter	J16	1.017	J17	8.9	0.999	0.148	0.1307
960 minute winter	J17	1.018	S3	15.4	0.988	0.106	0.0750
960 minute winter	J18	1.020	J19	14.3	1.651	0.110	0.0592
960 minute winter	J19	1.021	S4	10.9	0.652	0.197	0.3096
960 minute winter	J20	23.002	J21	0.5	0.381	0.093	0.0295
960 minute winter	J21	23.003	J22	0.9	0.447	0.146	0.0627
960 minute winter	J22	23.004	J23	1.1	0.521	0.184	0.0281
960 minute winter	J23	23.005	S18	1.3	0.580	0.220	0.0587
960 minute winter	J24	23.007	J25	2.3	0.467	0.176	0.1088
960 minute winter	J25	23.008	J26	2.7	0.476	0.200	0.0874
960 minute winter	J26	23.009	S19	3.1	0.543	0.229	0.0652

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Results for 100 year +45% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.46%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J27	930	186.875	1.414	4.2	1.5993	0.0000	SURCHARGED
960 minute winter	J28	495	186.391	0.035	1.5	0.0392	0.0000	OK
960 minute winter	J29	495	186.312	0.041	1.9	0.0461	0.0000	OK
960 minute winter	J30	495	186.196	0.049	2.6	0.0555	0.0000	OK
960 minute winter	J31	495	186.170	0.051	3.0	0.0574	0.0000	OK
960 minute winter	J32	495	186.118	0.054	3.5	0.0613	0.0000	OK
960 minute winter	J33	495	185.648	0.038	4.9	0.0426	0.0000	OK
960 minute winter	J34	495	185.188	0.063	6.2	0.0714	0.0000	OK
960 minute winter	J35	495	185.116	0.041	6.6	0.0466	0.0000	OK
960 minute winter	J36	495	184.945	0.070	7.0	0.0791	0.0000	OK
960 minute winter	J37	495	184.650	0.075	8.0	0.0844	0.0000	OK
960 minute winter	J38	495	184.464	0.089	8.9	0.1009	0.0000	OK
960 minute winter	J39	495	184.427	0.089	9.3	0.1006	0.0000	OK
960 minute winter	J40	495	184.402	0.077	9.7	0.0868	0.0000	OK
960 minute winter	J41	1080	184.846	0.249	0.8	0.2812	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J27	23.011	S4	7.3	0.463	0.245	0.0951
960 minute winter	J28	32.001	J29	1.5	0.547	0.249	0.0238
960 minute winter	J29	32.002	S12	1.9	0.644	0.312	0.0134
960 minute winter	J30	32.004	J31	2.6	0.517	0.200	0.0255
960 minute winter	J31	32.005	J32	3.0	0.555	0.229	0.0535
960 minute winter	J32	32.006	S13	3.5	0.773	0.266	0.0245
960 minute winter	J33	32.008	S14	4.9	0.913	0.138	0.0494
960 minute winter	J34	32.010	J35	6.2	0.889	0.160	0.0635
960 minute winter	J35	32.011	J36	6.6	0.863	0.074	0.0531
960 minute winter	J36	32.012	S15	7.0	0.917	0.233	0.0188
960 minute winter	J37	32.014	S16	8.1	1.035	0.265	0.0414
960 minute winter	J38	32.016	J39	8.9	0.606	0.293	0.1581
960 minute winter	J39	32.017	J40	9.3	0.698	0.300	0.0485
960 minute winter	J40	32.018	S10	9.7	0.845	0.224	0.1093
960 minute winter	J41	48.002	J42	1.0	0.448	0.172	0.0486

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Results for 100 year +45% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.46%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J42	1080	184.844	0.307	1.2	0.3470	0.0000	SURCHARGED
960 minute winter	J43	990	184.849	0.489	2.6	0.5526	0.0000	SURCHARGED
960 minute winter	J44	990	184.851	0.501	2.6	0.5664	0.0000	SURCHARGED
960 minute winter	J45	975	184.858	0.558	3.8	0.6309	0.0000	SURCHARGED
960 minute winter	J46	975	184.865	0.593	4.3	0.6710	0.0000	SURCHARGED
960 minute winter	J47	975	184.854	0.606	4.5	0.6852	0.0000	SURCHARGED
960 minute winter	J48	975	184.854	0.700	5.6	0.7920	0.0000	SURCHARGED
960 minute winter	J49	1200	184.855	0.726	6.0	0.8215	0.0000	SURCHARGED
960 minute winter	J50	1200	184.854	0.729	6.4	0.8248	0.0000	SURCHARGED
960 minute winter	J51	1005	184.853	0.745	6.7	0.8425	0.0000	SURCHARGED
960 minute winter	J52	1065	184.842	0.738	7.3	0.8348	0.0000	SURCHARGED
960 minute winter	J53	1065	184.842	0.754	7.6	0.8533	0.0000	SURCHARGED
960 minute winter	J54	495	185.008	0.029	1.0	0.0330	0.0000	OK
960 minute winter	J55	495	184.978	0.034	1.4	0.0384	0.0000	OK
960 minute winter	J56	1035	184.842	0.875	10.8	0.9893	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J42	48.003	S21	1.2	0.498	0.203	0.0640
960 minute winter	J43	48.005	J44	2.2	0.485	0.157	0.0283
960 minute winter	J44	48.006	J45	2.6	0.477	0.195	0.1545
960 minute winter	J45	48.007	S22	-3.8	0.440	-0.280	0.0419
960 minute winter	J46	48.009	J47	-4.3	0.560	-0.325	0.0742
960 minute winter	J47	48.010	S23	4.5	0.641	0.340	0.0465
960 minute winter	J48	48.012	J49	5.6	0.435	0.187	0.2962
960 minute winter	J49	48.013	J50	6.0	0.432	0.195	0.0451
960 minute winter	J50	48.014	J51	6.3	0.453	0.211	0.2018
960 minute winter	J51	48.015	J52	6.6	0.474	0.216	0.0451
960 minute winter	J52	48.016	J53	7.3	0.555	0.238	0.1938
960 minute winter	J53	48.017	S24	7.6	0.644	0.251	0.4079
960 minute winter	J54	65.002	J55	1.0	0.460	0.164	0.0077
960 minute winter	J55	65.003	S24	1.4	0.600	0.233	0.0180
960 minute winter	J56	48.019	J57	10.6	0.524	0.196	0.6398

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Results for 100 year +45% CC 960 minute winter. 1200 minute analysis at 15 minute timestep. Mass balance: 99.46%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	J57	945	184.840	0.894	11.0	1.0117	0.0000	SURCHARGED
960 minute winter	BASIN 1	930	186.875	1.875	15.2	289.4901	0.0000	FLOOD RISK
960 minute winter	BASIN 2	990	184.869	0.569	1.9	57.6511	0.0000	OK
960 minute winter	BASIN 3	1200	183.481	0.381	10.7	272.4509	0.0000	SURCHARGED
960 minute winter	BASIN 4	960	184.839	1.509	10.6	247.8569	0.0000	SURCHARGED
960 minute winter	SWALE 1	885	184.971	0.039	1.9	0.0439	0.0000	OK
960 minute winter	SWALE 2	1005	184.489	0.039	1.8	0.0441	0.0000	OK
960 minute winter	SWALE 3	495	184.151	0.081	10.7	0.0913	0.0000	OK
960 minute winter	BH1	990	184.869	0.792	0.6	3.0978	0.0000	OK
960 minute winter	BH2	1200	183.481	0.429	0.9	3.7368	0.0000	OK
960 minute winter	BH3	960	184.839	1.533	1.3	7.5826	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute winter	J57	48.020	S25	10.8	0.563	0.199	0.5574
960 minute winter	BASIN 1	1.023	S5	1.9	0.135	0.036	0.6013
960 minute winter	BASIN 2	1.027	S7	1.8	0.481	0.034	0.0842
960 minute winter	BASIN 2	71.000	BH1	0.6	0.419	0.098	0.1829
960 minute winter	BASIN 3	1.034	BH2	0.9	0.261	0.011	2.9796
960 minute winter	BASIN 4	48.022	BH3	1.3	0.451	0.024	0.7181
960 minute winter	SWALE 1	1.025	S6	1.9	0.358	0.036	0.2051
960 minute winter	SWALE 2	1.029	S8	1.8	0.466	0.034	0.1026
960 minute winter	SWALE 3	1.033	BASIN 3	10.7	0.721	0.155	0.6435
960 minute winter	BH1	Infiltration		0.1			
960 minute winter	BH2	Infiltration		0.2			
960 minute winter	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S1	750	188.386	0.016	0.5	0.0220	0.0000	OK
1440 minute summer	S2	750	187.121	0.082	7.5	0.1204	0.0000	OK
1440 minute summer	S3	1230	186.794	0.582	11.0	0.7564	0.0000	SURCHARGED
1440 minute summer	S4	1230	186.794	1.416	16.8	1.6818	0.0000	SURCHARGED
1440 minute summer	S5	1230	186.794	1.814	1.9	2.0511	0.0000	FLOOD RISK
1440 minute summer	S6	1230	184.884	0.040	1.9	0.0450	0.0000	OK
1440 minute summer	S7	1260	184.802	0.023	1.8	0.0256	0.0000	OK
1440 minute summer	S8	1260	184.414	0.024	1.8	0.0269	0.0000	OK
1440 minute summer	S9	750	184.240	0.040	1.8	0.0455	0.0000	OK
1440 minute summer	S10	750	184.240	0.056	11.4	0.0858	0.0000	OK
1440 minute summer	S11	750	186.431	0.031	1.1	0.0500	0.0000	OK
1440 minute summer	S12	750	186.222	0.046	2.4	0.0521	0.0000	OK
1440 minute summer	S13	750	186.074	0.040	4.6	0.0563	0.0000	OK
1440 minute summer	S14	750	185.318	0.068	6.2	0.1062	0.0000	OK
1440 minute summer	S15	750	184.912	0.045	8.2	0.0626	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	S1	1.000	J1	0.5	0.384	0.057	0.0111
1440 minute summer	S2	1.012	J12	7.5	0.637	0.252	0.0177
1440 minute summer	S3	1.019	J18	12.8	0.972	0.419	0.2040
1440 minute summer	S4	1.022	BASIN 1	16.5	0.836	0.099	1.1778
1440 minute summer	S5	1.024	SWALE 1	1.9	0.357	0.035	0.1069
1440 minute summer	S6	1.026	BASIN 2	1.9	0.407	0.035	0.0309
1440 minute summer	S7	1.028	SWALE 2	1.8	0.476	0.011	0.0642
1440 minute summer	S8	1.030	S9	1.8	0.491	0.013	0.0453
1440 minute summer	S9	1.031	S10	1.8	0.521	0.033	0.0492
1440 minute summer	S10	1.032	SWALE 3	11.4	0.921	0.063	0.0546
1440 minute summer	S11	32.000	J28	1.1	0.499	0.185	0.0101
1440 minute summer	S12	32.003	J30	2.4	0.479	0.178	0.0252
1440 minute summer	S13	32.007	J33	4.6	1.266	0.144	0.0475
1440 minute summer	S14	32.009	J34	6.2	0.853	0.358	0.0381
1440 minute summer	S15	32.013	J37	8.1	0.935	0.088	0.0819

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Results for 100 year +45% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	S16	750	184.597	0.040	9.0	0.0504	0.0000	OK
1440 minute summer	S17	1230	186.794	0.794	0.3	0.8980	0.0000	FLOOD RISK
1440 minute summer	S18	1230	186.794	1.133	2.5	1.6007	0.0000	SURCHARGED
1440 minute summer	S19	1260	186.794	1.303	4.4	1.7852	0.0000	SURCHARGED
1440 minute summer	S20	1440	184.845	0.202	0.8	0.2468	0.0000	SURCHARGED
1440 minute summer	S21	1680	184.835	0.376	1.9	0.4458	0.0000	SURCHARGED
1440 minute summer	S22	1500	184.841	0.555	4.3	0.6783	0.0000	SURCHARGED
1440 minute summer	S23	1320	184.835	0.677	5.8	0.8000	0.0000	SURCHARGED
1440 minute summer	S24	1500	184.829	0.852	11.6	1.2368	0.0000	SURCHARGED
1440 minute summer	S25	1470	184.829	0.903	16.2	1.0213	0.0000	SURCHARGED
1440 minute summer	S26	750	185.395	0.018	0.6	0.0217	0.0000	OK
1440 minute summer	FC1	750	188.501	0.251	0.5	0.3336	0.0000	SURCHARGED
1440 minute summer	FC2	750	188.401	0.251	0.5	0.3340	0.0000	SURCHARGED
1440 minute summer	FC3	750	188.658	0.458	0.7	0.6650	0.0000	SURCHARGED
1440 minute summer	FC4	750	188.367	0.167	0.4	0.2157	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	S16	32.015	J38	9.0	0.919	0.061	0.0232
1440 minute summer	S17	23.001	J20	0.2	0.263	0.040	0.0560
1440 minute summer	S18	23.006	J24	2.3	0.436	0.170	0.0323
1440 minute summer	S19	23.010	J27	4.3	0.391	0.142	0.3541
1440 minute summer	S20	48.001	J41	0.8	0.509	0.130	0.0362
1440 minute summer	S21	48.004	J43	1.9	0.652	0.329	0.0399
1440 minute summer	S22	48.008	J46	4.3	0.532	0.320	0.0428
1440 minute summer	S23	48.011	J48	5.7	0.436	0.186	0.0447
1440 minute summer	S24	48.018	J56	11.4	0.493	0.214	0.2989
1440 minute summer	S25	48.021	BASIN 4	-16.2	0.644	-0.294	0.2248
1440 minute summer	S26	65.001	J54	0.6	0.628	0.068	0.0080
1440 minute summer	FC1	2.000	J1	0.5	0.347	0.079	0.0069
1440 minute summer	FC2	3.000	J2	0.5	0.226	0.082	0.0102
1440 minute summer	FC3	4.000	J3	0.7	0.521	0.105	0.0120
1440 minute summer	FC4	5.000	J4	0.4	0.504	0.052	0.0057

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Results for 100 year +45% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC5	750	188.252	0.252	0.5	0.3349	0.0000	SURCHARGED
1440 minute summer	FC6	750	188.016	0.166	0.4	0.2144	0.0000	SURCHARGED
1440 minute summer	FC7	750	187.918	0.168	0.4	0.2163	0.0000	SURCHARGED
1440 minute summer	FC8	750	187.997	0.247	0.5	0.3293	0.0000	SURCHARGED
1440 minute summer	FC9	750	187.639	0.169	0.4	0.2182	0.0000	SURCHARGED
1440 minute summer	FC10	750	187.817	0.347	0.6	0.4897	0.0000	SURCHARGED
1440 minute summer	FC11	750	187.489	0.169	0.4	0.2214	0.0000	SURCHARGED
1440 minute summer	FC12	750	187.399	0.169	0.4	0.2214	0.0000	SURCHARGED
1440 minute summer	FC13	750	187.251	0.251	0.5	0.3346	0.0000	SURCHARGED
1440 minute summer	FC14	780	187.041	0.141	0.5	1.8067	0.0000	SURCHARGED
1440 minute summer	FC15	750	187.363	0.163	0.4	0.2100	0.0000	SURCHARGED
1440 minute summer	FC16	750	187.068	0.168	0.4	0.2173	0.0000	SURCHARGED
1440 minute summer	FC17	750	187.164	0.164	0.4	0.2115	0.0000	SURCHARGED
1440 minute summer	FC18	1260	186.794	0.244	0.4	0.3156	0.0000	SURCHARGED
1440 minute summer	FC19	1230	186.803	0.403	0.5	0.5368	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC5	6.000	J5	0.5	0.447	0.082	0.0045
1440 minute summer	FC6	7.000	J6	0.4	0.554	0.045	0.0052
1440 minute summer	FC7	8.000	J7	0.4	0.481	0.055	0.0059
1440 minute summer	FC8	9.000	J8	0.5	0.633	0.050	0.0032
1440 minute summer	FC9	10.000	J9	0.4	0.425	0.066	0.0067
1440 minute summer	FC10	11.000	J10	0.6	0.511	0.087	0.0070
1440 minute summer	FC11	12.000	J11	0.4	0.423	0.067	0.0072
1440 minute summer	FC12	13.000	S2	0.4	0.423	0.066	0.0064
1440 minute summer	FC13	14.000	J12	0.5	0.451	0.082	0.0074
1440 minute summer	FC14	15.000	J13	0.4	0.413	0.060	0.0065
1440 minute summer	FC15	16.000	J14	0.4	0.896	0.023	0.0021
1440 minute summer	FC16	17.000	J15	0.4	0.451	0.061	0.0066
1440 minute summer	FC17	18.000	J16	0.4	0.713	0.031	0.0027
1440 minute summer	FC18	19.000	J17	0.4	0.423	0.067	0.0548
1440 minute summer	FC19	20.000	S3	0.5	0.449	0.082	0.0517

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Results for 100 year +45% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC20	750	187.194	0.244	0.5	0.3250	0.0000	SURCHARGED
1440 minute summer	FC21	1230	186.803	0.503	0.5	0.6698	0.0000	SURCHARGED
1440 minute summer	FC22	1230	186.794	0.344	0.4	3.3422	0.0000	SURCHARGED
1440 minute summer	FC23	1230	186.794	0.494	0.4	0.6376	0.0000	SURCHARGED
1440 minute summer	FC24	1230	186.804	0.503	0.5	0.6701	0.0000	SURCHARGED
1440 minute summer	FC25	1230	186.803	0.253	0.5	0.3373	0.0000	SURCHARGED
1440 minute summer	FC26	1230	186.794	0.344	0.4	3.4756	0.0000	SURCHARGED
1440 minute summer	FC27	1230	186.794	0.294	0.4	0.3793	0.0000	SURCHARGED
1440 minute summer	FC28	1230	186.803	0.303	0.5	0.4037	0.0000	SURCHARGED
1440 minute summer	FC29	1260	186.803	0.303	0.5	0.4098	0.0000	SURCHARGED
1440 minute summer	FC30	750	186.995	0.245	0.5	0.3258	0.0000	SURCHARGED
1440 minute summer	FC31	750	186.616	0.166	0.4	0.2138	0.0000	SURCHARGED
1440 minute summer	FC32	750	186.614	0.164	0.4	0.2112	0.0000	SURCHARGED
1440 minute summer	FC33	750	186.695	0.245	0.5	0.3260	0.0000	SURCHARGED
1440 minute summer	FC34	750	186.701	0.251	0.5	0.3343	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC20	21.000	J18	0.5	0.901	0.030	0.0173
1440 minute summer	FC21	22.000	J19	0.5	0.450	0.082	0.0599
1440 minute summer	FC22	23.000	S17	0.3	0.522	0.017	0.0373
1440 minute summer	FC23	24.000	J20	0.4	0.440	0.062	0.0359
1440 minute summer	FC24	25.000	J21	0.5	0.525	0.065	0.0363
1440 minute summer	FC25	26.000	J22	0.5	0.894	0.031	0.0370
1440 minute summer	FC26	27.000	J23	0.3	0.688	0.024	0.0361
1440 minute summer	FC27	28.000	J24	0.4	0.899	0.022	0.0352
1440 minute summer	FC28	29.000	J25	0.5	0.899	0.030	0.0341
1440 minute summer	FC29	30.000	J26	0.5	0.875	0.032	0.0369
1440 minute summer	FC30	31.000	J27	0.5	0.840	0.033	0.0245
1440 minute summer	FC31	33.000	J28	0.4	0.264	0.044	0.0066
1440 minute summer	FC32	34.000	J29	0.4	0.235	0.031	0.0074
1440 minute summer	FC33	35.000	S12	0.5	0.826	0.034	0.0024
1440 minute summer	FC34	36.000	J30	0.5	0.462	0.079	0.0050

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Results for 100 year +45% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC35	750	186.695	0.245	0.5	0.3259	0.0000	SURCHARGED
1440 minute summer	FC36	750	186.694	0.244	0.5	0.3294	0.0000	SURCHARGED
1440 minute summer	FC37	750	186.145	0.345	0.6	0.4793	0.0000	SURCHARGED
1440 minute summer	FC38	780	185.552	0.102	0.4	1.2323	0.0000	SURCHARGED
1440 minute summer	FC39	750	185.613	0.163	0.4	0.2106	0.0000	SURCHARGED
1440 minute summer	FC40	750	185.743	0.243	0.5	0.3239	0.0000	SURCHARGED
1440 minute summer	FC41	750	185.097	0.247	0.5	0.3285	0.0000	SURCHARGED
1440 minute summer	FC42	750	184.848	0.248	0.5	0.3305	0.0000	SURCHARGED
1440 minute summer	FC43	750	184.847	0.247	0.5	0.3283	0.0000	SURCHARGED
1440 minute summer	FC44	750	184.613	0.013	0.4	0.0171	0.0000	OK
1440 minute summer	FC45	30	184.600	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	FC46	750	185.048	0.348	0.6	0.4907	0.0000	SURCHARGED
1440 minute summer	FC47	1440	184.844	0.094	0.4	0.1061	0.0000	OK
1440 minute summer	FC48	750	185.045	0.245	0.5	0.3257	0.0000	SURCHARGED
1440 minute summer	FC49	750	185.052	0.252	0.5	0.3349	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC35	37.000	J31	0.5	0.832	0.034	0.0030
1440 minute summer	FC36	38.000	J32	0.5	0.892	0.031	0.0027
1440 minute summer	FC37	39.000	J33	0.6	0.628	0.065	0.0060
1440 minute summer	FC38	40.000	J34	0.3	0.662	0.024	0.0022
1440 minute summer	FC39	41.000	J35	0.4	0.787	0.027	0.0022
1440 minute summer	FC40	42.000	J36	0.5	1.023	0.025	0.0024
1440 minute summer	FC41	43.000	J37	0.5	0.670	0.046	0.0037
1440 minute summer	FC42	44.000	J38	0.5	0.584	0.056	0.0041
1440 minute summer	FC43	45.000	J39	0.5	0.683	0.045	0.0031
1440 minute summer	FC44	46.000	J40	0.4	0.664	0.036	0.0026
1440 minute summer	FC45	47.000	S10	0.0	0.000	0.000	0.0000
1440 minute summer	FC46	48.000	S20	0.6	0.417	0.097	0.0470
1440 minute summer	FC47	49.000	J41	0.4	0.062	0.043	0.0409
1440 minute summer	FC48	50.000	J42	0.5	0.379	0.035	0.0269
1440 minute summer	FC49	51.000	S21	0.7	0.447	0.127	0.0197

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Results for 100 year +45% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC50	750	185.052	0.252	0.5	0.3348	0.0000	SURCHARGED
1440 minute summer	FC51	750	185.102	0.251	0.5	0.3347	0.0000	SURCHARGED
1440 minute summer	FC52	780	185.509	0.259	0.5	0.3556	0.0000	SURCHARGED
1440 minute summer	FC53	750	185.498	0.248	0.5	0.3298	0.0000	SURCHARGED
1440 minute summer	FC54	750	185.415	0.165	0.4	0.2128	0.0000	SURCHARGED
1440 minute summer	FC55	750	185.413	0.163	0.4	0.2104	0.0000	SURCHARGED
1440 minute summer	FC56	750	185.594	0.244	0.5	0.3252	0.0000	SURCHARGED
1440 minute summer	FC57	750	185.595	0.245	0.5	0.3259	0.0000	SURCHARGED
1440 minute summer	FC58	750	185.513	0.163	0.4	0.2110	0.0000	SURCHARGED
1440 minute summer	FC59	750	185.514	0.164	0.4	0.2118	0.0000	SURCHARGED
1440 minute summer	FC60	750	185.596	0.246	0.5	0.3273	0.0000	SURCHARGED
1440 minute summer	FC61	750	185.548	0.248	0.5	0.3303	0.0000	SURCHARGED
1440 minute summer	FC62	750	185.707	0.457	0.7	0.6546	0.0000	SURCHARGED
1440 minute summer	FC63	750	185.570	0.170	0.4	0.2189	0.0000	SURCHARGED
1440 minute summer	FC64	750	185.251	0.251	0.5	0.3342	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC50	52.000	J43	-1.1	0.448	-0.183	0.0235
1440 minute summer	FC51	55.000	S22	0.5	0.449	0.082	0.0121
1440 minute summer	FC52	58.000	S23	0.5	0.658	0.050	0.0041
1440 minute summer	FC53	61.000	J50	0.5	0.613	0.052	0.0034
1440 minute summer	FC54	62.000	J51	0.4	0.640	0.036	0.0024
1440 minute summer	FC55	64.000	J53	0.4	0.805	0.026	0.0020
1440 minute summer	FC56	53.000	J44	0.5	0.883	0.031	0.0036
1440 minute summer	FC57	54.000	J45	0.5	0.830	0.034	0.0038
1440 minute summer	FC58	56.000	J46	0.4	0.749	0.029	0.0033
1440 minute summer	FC59	57.000	J47	0.4	0.695	0.033	0.0036
1440 minute summer	FC60	59.000	J48	0.5	0.732	0.041	0.0044
1440 minute summer	FC61	60.000	J49	0.5	0.588	0.056	0.0061
1440 minute summer	FC62	63.000	J52	0.7	0.593	0.087	0.0106
1440 minute summer	FC63	65.000	S26	0.4	0.406	0.067	0.0023
1440 minute summer	FC64	66.000	J54	0.5	0.316	0.082	0.0034

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Results for 100 year +45% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	FC65	750	185.393	0.243	0.5	0.3239	0.0000	SURCHARGED
1440 minute summer	FC66	750	185.250	0.250	0.5	0.3331	0.0000	SURCHARGED
1440 minute summer	FC67	780	184.911	0.111	0.4	1.1478	0.0000	SURCHARGED
1440 minute summer	FC68	1470	184.829	0.279	0.4	0.3599	0.0000	SURCHARGED
1440 minute summer	J1	750	188.229	0.029	1.5	0.0390	0.0000	OK
1440 minute summer	J2	750	188.151	0.045	2.0	0.0514	0.0000	OK
1440 minute summer	J3	750	188.092	0.046	2.6	0.0518	0.0000	OK
1440 minute summer	J4	750	188.068	0.033	3.0	0.0372	0.0000	OK
1440 minute summer	J5	750	187.941	0.031	3.5	0.0348	0.0000	OK
1440 minute summer	J6	750	187.695	0.045	3.9	0.0511	0.0000	OK
1440 minute summer	J7	750	187.658	0.058	4.3	0.0659	0.0000	OK
1440 minute summer	J8	750	187.635	0.042	4.8	0.0479	0.0000	OK
1440 minute summer	J9	750	187.334	0.059	5.2	0.0672	0.0000	OK
1440 minute summer	J10	750	187.304	0.034	5.8	0.0388	0.0000	OK
1440 minute summer	J11	750	187.171	0.050	6.1	0.0562	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	FC65	67.000	J55	0.5	0.341	0.026	0.0034
1440 minute summer	FC66	68.000	S24	0.5	0.503	0.068	0.0021
1440 minute summer	FC67	69.000	J56	0.8	0.386	0.128	0.0059
1440 minute summer	FC68	70.000	J57	-2.3	0.556	-0.258	0.0178
1440 minute summer	J1	1.001	J2	1.5	0.562	0.179	0.0134
1440 minute summer	J2	1.002	J3	2.0	0.621	0.333	0.0033
1440 minute summer	J3	1.003	J4	2.6	0.718	0.199	0.0072
1440 minute summer	J4	1.004	J5	3.0	1.114	0.090	0.0096
1440 minute summer	J5	1.005	J6	3.5	1.006	0.092	0.0200
1440 minute summer	J6	1.006	J7	3.9	0.727	0.137	0.0106
1440 minute summer	J7	1.007	J8	4.3	0.831	0.309	0.0059
1440 minute summer	J8	1.008	J9	4.8	1.214	0.158	0.0334
1440 minute summer	J9	1.009	J10	5.2	0.868	0.155	0.0073
1440 minute summer	J10	1.010	J11	5.8	1.128	0.045	0.0126
1440 minute summer	J11	1.011	S2	6.1	0.637	0.095	0.0524

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Results for 100 year +45% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J12	750	186.863	0.054	8.0	0.0611	0.0000	OK
1440 minute summer	J13	750	186.800	0.098	8.4	0.1105	0.0000	OK
1440 minute summer	J14	1230	186.794	0.099	8.7	0.1120	0.0000	OK
1440 minute summer	J15	1230	186.794	0.106	9.1	0.1198	0.0000	OK
1440 minute summer	J16	1230	186.794	0.124	9.5	0.1401	0.0000	OK
1440 minute summer	J17	1230	186.794	0.436	17.4	0.4929	0.0000	SURCHARGED
1440 minute summer	J18	1260	186.794	0.600	13.2	0.6791	0.0000	SURCHARGED
1440 minute summer	J19	1230	186.794	0.767	13.2	0.8672	0.0000	SURCHARGED
1440 minute summer	J20	1230	186.794	0.863	0.6	0.9760	0.0000	SURCHARGED
1440 minute summer	J21	1230	186.794	0.899	1.0	1.0167	0.0000	SURCHARGED
1440 minute summer	J22	1230	186.794	0.976	1.4	1.1038	0.0000	SURCHARGED
1440 minute summer	J23	1230	186.794	1.011	1.6	1.1433	0.0000	SURCHARGED
1440 minute summer	J24	1230	186.794	1.144	2.7	1.2936	0.0000	SURCHARGED
1440 minute summer	J25	1230	186.794	1.179	3.1	1.3332	0.0000	SURCHARGED
1440 minute summer	J26	1260	186.794	1.207	3.5	1.3649	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J12	1.013	J13	8.0	0.683	0.120	0.0771
1440 minute summer	J13	1.014	J14	8.4	0.521	0.266	0.0305
1440 minute summer	J14	1.015	J15	8.7	0.603	0.280	0.0337
1440 minute summer	J15	1.016	J16	9.1	0.770	0.299	0.1044
1440 minute summer	J16	1.017	J17	9.5	1.017	0.158	0.0913
1440 minute summer	J17	1.018	S3	9.9	1.002	0.068	0.0750
1440 minute summer	J18	1.020	J19	12.8	1.661	0.098	0.0592
1440 minute summer	J19	1.021	S4	11.8	0.662	0.213	0.3096
1440 minute summer	J20	23.002	J21	0.5	0.381	0.090	0.0295
1440 minute summer	J21	23.003	J22	0.9	0.440	0.149	0.0627
1440 minute summer	J22	23.004	J23	1.3	0.517	0.210	0.0281
1440 minute summer	J23	23.005	S18	1.5	0.559	0.246	0.0587
1440 minute summer	J24	23.007	J25	2.6	0.442	0.196	0.1088
1440 minute summer	J25	23.008	J26	3.0	0.450	0.225	0.0874
1440 minute summer	J26	23.009	S19	3.4	0.506	0.254	0.0652

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Results for 100 year +45% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J27	1230	186.794	1.333	4.7	1.5073	0.0000	SURCHARGED
1440 minute summer	J28	750	186.391	0.035	1.5	0.0394	0.0000	OK
1440 minute summer	J29	750	186.312	0.041	1.9	0.0466	0.0000	OK
1440 minute summer	J30	750	186.198	0.051	2.9	0.0581	0.0000	OK
1440 minute summer	J31	750	186.173	0.053	3.3	0.0605	0.0000	OK
1440 minute summer	J32	750	186.121	0.056	3.8	0.0639	0.0000	OK
1440 minute summer	J33	750	185.649	0.039	5.2	0.0439	0.0000	OK
1440 minute summer	J34	750	185.190	0.065	6.5	0.0732	0.0000	OK
1440 minute summer	J35	750	185.117	0.042	6.9	0.0477	0.0000	OK
1440 minute summer	J36	750	184.947	0.072	7.4	0.0811	0.0000	OK
1440 minute summer	J37	750	184.652	0.077	8.6	0.0868	0.0000	OK
1440 minute summer	J38	750	184.468	0.093	9.4	0.1048	0.0000	OK
1440 minute summer	J39	750	184.430	0.092	9.9	0.1045	0.0000	OK
1440 minute summer	J40	750	184.405	0.080	10.3	0.0901	0.0000	OK
1440 minute summer	J41	1440	184.844	0.247	1.0	0.2790	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J27	23.011	S4	6.6	0.450	0.223	0.0951
1440 minute summer	J28	32.001	J29	1.5	0.547	0.252	0.0241
1440 minute summer	J29	32.002	S12	1.9	0.647	0.318	0.0136
1440 minute summer	J30	32.004	J31	2.9	0.522	0.215	0.0273
1440 minute summer	J31	32.005	J32	3.3	0.572	0.252	0.0569
1440 minute summer	J32	32.006	S13	3.8	0.789	0.288	0.0259
1440 minute summer	J33	32.008	S14	5.2	0.930	0.146	0.0514
1440 minute summer	J34	32.010	J35	6.5	0.902	0.168	0.0657
1440 minute summer	J35	32.011	J36	6.9	0.874	0.077	0.0550
1440 minute summer	J36	32.012	S15	7.5	0.919	0.250	0.0195
1440 minute summer	J37	32.014	S16	8.6	1.050	0.281	0.0432
1440 minute summer	J38	32.016	J39	9.4	0.614	0.313	0.1663
1440 minute summer	J39	32.017	J40	9.9	0.712	0.322	0.0510
1440 minute summer	J40	32.018	S10	10.3	0.860	0.240	0.1148
1440 minute summer	J41	48.002	J42	1.1	0.433	0.181	0.0486

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Results for 100 year +45% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J42	1440	184.841	0.304	1.4	0.3434	0.0000	SURCHARGED
1440 minute summer	J43	1500	184.847	0.487	3.1	0.5508	0.0000	SURCHARGED
1440 minute summer	J44	1500	184.849	0.498	3.5	0.5638	0.0000	SURCHARGED
1440 minute summer	J45	1500	184.844	0.544	4.3	0.6155	0.0000	SURCHARGED
1440 minute summer	J46	1500	184.844	0.572	4.7	0.6471	0.0000	SURCHARGED
1440 minute summer	J47	1500	184.847	0.599	5.1	0.6770	0.0000	SURCHARGED
1440 minute summer	J48	1320	184.834	0.680	6.2	0.7693	0.0000	SURCHARGED
1440 minute summer	J49	1380	184.837	0.708	6.7	0.8010	0.0000	SURCHARGED
1440 minute summer	J50	1380	184.836	0.711	7.1	0.8044	0.0000	SURCHARGED
1440 minute summer	J51	1500	184.844	0.736	7.4	0.8328	0.0000	SURCHARGED
1440 minute summer	J52	1500	184.845	0.741	8.0	0.8378	0.0000	SURCHARGED
1440 minute summer	J53	1500	184.838	0.751	8.3	0.8497	0.0000	SURCHARGED
1440 minute summer	J54	750	185.010	0.031	1.1	0.0348	0.0000	OK
1440 minute summer	J55	750	184.981	0.036	1.6	0.0412	0.0000	OK
1440 minute summer	J56	1320	184.830	0.863	11.7	0.9755	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J42	48.003	S21	-1.3	0.486	-0.227	0.0640
1440 minute summer	J43	48.005	J44	3.4	0.489	0.244	0.0283
1440 minute summer	J44	48.006	J45	4.3	0.483	0.324	0.1545
1440 minute summer	J45	48.007	S22	3.4	0.443	0.251	0.0419
1440 minute summer	J46	48.009	J47	4.7	0.575	0.351	0.0742
1440 minute summer	J47	48.010	S23	5.1	0.659	0.380	0.0465
1440 minute summer	J48	48.012	J49	6.2	0.437	0.206	0.2962
1440 minute summer	J49	48.013	J50	6.6	0.437	0.215	0.0451
1440 minute summer	J50	48.014	J51	7.0	0.461	0.234	0.2018
1440 minute summer	J51	48.015	J52	7.3	0.485	0.238	0.0451
1440 minute summer	J52	48.016	J53	7.9	0.565	0.258	0.1938
1440 minute summer	J53	48.017	S24	8.1	0.659	0.268	0.4079
1440 minute summer	J54	65.002	J55	1.1	0.467	0.182	0.0084
1440 minute summer	J55	65.003	S24	1.6	0.622	0.265	0.0198
1440 minute summer	J56	48.019	J57	11.6	0.517	0.213	0.6398

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Results for 100 year +45% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 99.63%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	J57	1320	184.829	0.884	14.4	1.0000	0.0000	SURCHARGED
1440 minute summer	BASIN 1	1230	186.794	1.794	16.5	273.2755	0.0000	FLOOD RISK
1440 minute summer	BASIN 2	1260	184.869	0.569	1.9	57.6128	0.0000	OK
1440 minute summer	BASIN 3	1680	183.516	0.416	11.4	298.3861	0.0000	SURCHARGED
1440 minute summer	BASIN 4	1470	184.828	1.498	14.3	245.6534	0.0000	SURCHARGED
1440 minute summer	SWALE 1	1080	184.970	0.038	1.9	0.0433	0.0000	OK
1440 minute summer	SWALE 2	1260	184.489	0.039	1.8	0.0438	0.0000	OK
1440 minute summer	SWALE 3	750	184.153	0.083	11.4	0.0942	0.0000	OK
1440 minute summer	BH1	1260	184.869	0.791	0.3	3.0968	0.0000	OK
1440 minute summer	BH2	1680	183.516	0.464	0.6	3.9106	0.0000	OK
1440 minute summer	BH3	1470	184.828	1.522	0.5	7.5704	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	J57	48.020	S25	-14.4	0.555	-0.266	0.5574
1440 minute summer	BASIN 1	1.023	S5	1.9	0.094	0.035	0.6013
1440 minute summer	BASIN 2	1.027	S7	1.8	0.478	0.034	0.0832
1440 minute summer	BASIN 2	71.000	BH1	0.3	0.354	0.055	0.1829
1440 minute summer	BASIN 3	1.034	BH2	0.6	0.182	0.007	2.9796
1440 minute summer	BASIN 4	48.022	BH3	0.5	0.262	0.009	0.7181
1440 minute summer	SWALE 1	1.025	S6	1.9	0.356	0.035	0.2020
1440 minute summer	SWALE 2	1.029	S8	1.8	0.463	0.034	0.1013
1440 minute summer	SWALE 3	1.033	BASIN 3	11.4	0.733	0.164	0.6723
1440 minute summer	BH1	Infiltration		0.1			
1440 minute summer	BH2	Infiltration		0.2			
1440 minute summer	BH3	Infiltration		0.2			

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Results for 100 year +45% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S1	720	188.385	0.015	0.4	0.0198	0.0000	OK
1440 minute winter	S2	780	187.108	0.069	5.5	0.1020	0.0000	OK
1440 minute winter	S3	1350	186.927	0.715	11.5	0.9300	0.0000	SURCHARGED
1440 minute winter	S4	1440	186.931	1.553	11.8	1.8451	0.0000	SURCHARGED
1440 minute winter	S5	1350	186.927	1.947	2.0	2.2022	0.0000	FLOOD RISK
1440 minute winter	S6	1350	184.885	0.041	1.9	0.0459	0.0000	OK
1440 minute winter	S7	1380	184.802	0.023	1.9	0.0260	0.0000	OK
1440 minute winter	S8	1380	184.414	0.024	1.9	0.0274	0.0000	OK
1440 minute winter	S9	1170	184.239	0.039	1.9	0.0437	0.0000	OK
1440 minute winter	S10	750	184.231	0.046	8.2	0.0709	0.0000	OK
1440 minute winter	S11	750	186.427	0.027	0.9	0.0447	0.0000	OK
1440 minute winter	S12	750	186.215	0.039	1.8	0.0446	0.0000	OK
1440 minute winter	S13	750	186.068	0.034	3.4	0.0480	0.0000	OK
1440 minute winter	S14	750	185.307	0.057	4.6	0.0893	0.0000	OK
1440 minute winter	S15	750	184.906	0.039	5.9	0.0539	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	S1	1.000	J1	0.4	0.370	0.046	0.0090
1440 minute winter	S2	1.012	J12	5.5	0.584	0.184	0.0141
1440 minute winter	S3	1.019	J18	8.9	0.906	0.292	0.2040
1440 minute winter	S4	1.022	BASIN 1	12.0	0.818	0.072	1.1778
1440 minute winter	S5	1.024	SWALE 1	1.9	0.361	0.036	0.1096
1440 minute winter	S6	1.026	BASIN 2	1.9	0.409	0.036	0.0317
1440 minute winter	S7	1.028	SWALE 2	1.9	0.482	0.012	0.0659
1440 minute winter	S8	1.030	S9	1.9	0.498	0.013	0.0476
1440 minute winter	S9	1.031	S10	1.9	0.530	0.034	0.0356
1440 minute winter	S10	1.032	SWALE 3	8.2	0.855	0.046	0.0425
1440 minute winter	S11	32.000	J28	0.9	0.475	0.151	0.0086
1440 minute winter	S12	32.003	J30	1.8	0.458	0.135	0.0200
1440 minute winter	S13	32.007	J33	3.4	1.164	0.105	0.0380
1440 minute winter	S14	32.009	J34	4.6	0.791	0.265	0.0305
1440 minute winter	S15	32.013	J37	5.9	0.853	0.064	0.0663

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Results for 100 year +45% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	S16	750	184.590	0.033	6.5	0.0414	0.0000	OK
1440 minute winter	S17	1350	186.928	0.928	0.3	1.0490	0.0000	FLOOD RISK
1440 minute winter	S18	1380	186.928	1.267	1.7	1.7897	0.0000	FLOOD RISK
1440 minute winter	S19	1380	186.929	1.438	3.3	1.9698	0.0000	SURCHARGED
1440 minute winter	S20	1560	185.038	0.396	1.0	0.4822	0.0000	SURCHARGED
1440 minute winter	S21	1560	185.014	0.555	4.4	0.6573	0.0000	SURCHARGED
1440 minute winter	S22	1680	185.081	0.795	10.7	0.9716	0.0000	SURCHARGED
1440 minute winter	S23	1680	185.184	1.026	50.1	1.2129	0.0000	SURCHARGED
1440 minute winter	S24	1590	184.976	0.999	22.8	1.4499	0.0000	SURCHARGED
1440 minute winter	S25	1410	184.968	1.042	22.1	1.1788	0.0000	SURCHARGED
1440 minute winter	S26	780	185.392	0.015	0.4	0.0179	0.0000	OK
1440 minute winter	FC1	810	188.353	0.103	0.3	0.1373	0.0000	SURCHARGED
1440 minute winter	FC2	810	188.253	0.103	0.3	0.1377	0.0000	SURCHARGED
1440 minute winter	FC3	840	188.464	0.264	0.5	0.3832	0.0000	SURCHARGED
1440 minute winter	FC4	780	188.302	0.102	0.3	0.1316	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	S16	32.015	J38	6.5	0.875	0.045	0.0180
1440 minute winter	S17	23.001	J20	0.2	0.260	0.036	0.0560
1440 minute winter	S18	23.006	J24	1.7	0.408	0.121	0.0323
1440 minute winter	S19	23.010	J27	3.7	0.369	0.122	0.3541
1440 minute winter	S20	48.001	J41	1.0	0.492	0.165	0.0362
1440 minute winter	S21	48.004	J43	-4.4	0.599	-0.746	0.0399
1440 minute winter	S22	48.008	J46	11.3	0.641	0.841	0.0428
1440 minute winter	S23	48.011	J48	27.3	0.687	0.887	0.0447
1440 minute winter	S24	48.018	J56	23.3	0.464	0.436	0.2989
1440 minute winter	S25	48.021	BASIN 4	22.4	0.597	0.406	0.2248
1440 minute winter	S26	65.001	J54	0.4	0.561	0.046	0.0061
1440 minute winter	FC1	2.000	J1	0.3	0.299	0.048	0.0053
1440 minute winter	FC2	3.000	J2	0.3	0.198	0.050	0.0078
1440 minute winter	FC3	4.000	J3	0.5	0.480	0.079	0.0098
1440 minute winter	FC4	5.000	J4	0.3	0.466	0.040	0.0047

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Results for 100 year +45% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC5	840	188.104	0.104	0.3	0.1382	0.0000	SURCHARGED
1440 minute winter	FC6	780	187.951	0.101	0.3	0.1305	0.0000	SURCHARGED
1440 minute winter	FC7	780	187.852	0.102	0.3	0.1322	0.0000	SURCHARGED
1440 minute winter	FC8	810	187.851	0.101	0.3	0.1338	0.0000	SURCHARGED
1440 minute winter	FC9	780	187.574	0.104	0.3	0.1338	0.0000	SURCHARGED
1440 minute winter	FC10	780	187.733	0.263	0.5	0.3709	0.0000	SURCHARGED
1440 minute winter	FC11	840	187.424	0.104	0.3	0.1360	0.0000	SURCHARGED
1440 minute winter	FC12	840	187.334	0.104	0.3	0.1360	0.0000	SURCHARGED
1440 minute winter	FC13	840	187.104	0.104	0.3	0.1380	0.0000	SURCHARGED
1440 minute winter	FC14	870	186.998	0.098	0.3	1.2498	0.0000	OK
1440 minute winter	FC15	780	187.299	0.099	0.3	0.1280	0.0000	OK
1440 minute winter	FC16	780	187.003	0.103	0.3	0.1330	0.0000	SURCHARGED
1440 minute winter	FC17	780	187.099	0.099	0.3	0.1280	0.0000	OK
1440 minute winter	FC18	1380	186.928	0.378	0.3	0.4877	0.0000	SURCHARGED
1440 minute winter	FC19	1350	186.937	0.537	0.3	0.7147	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC5	6.000	J5	0.3	0.390	0.051	0.0032
1440 minute winter	FC6	7.000	J6	0.3	0.512	0.035	0.0043
1440 minute winter	FC7	8.000	J7	0.3	0.445	0.042	0.0049
1440 minute winter	FC8	9.000	J8	0.3	0.550	0.031	0.0023
1440 minute winter	FC9	10.000	J9	0.3	0.393	0.050	0.0055
1440 minute winter	FC10	11.000	J10	0.5	0.490	0.075	0.0063
1440 minute winter	FC11	12.000	J11	0.3	0.392	0.051	0.0059
1440 minute winter	FC12	13.000	S2	0.3	0.392	0.051	0.0053
1440 minute winter	FC13	14.000	J12	0.3	0.393	0.051	0.0052
1440 minute winter	FC14	15.000	J13	0.3	0.389	0.049	0.0376
1440 minute winter	FC15	16.000	J14	0.3	0.828	0.017	0.0183
1440 minute winter	FC16	17.000	J15	0.3	0.417	0.046	0.0375
1440 minute winter	FC17	18.000	J16	0.3	0.659	0.024	0.0194
1440 minute winter	FC18	19.000	J17	0.3	0.391	0.051	0.0548
1440 minute winter	FC19	20.000	S3	0.3	0.391	0.057	0.0517

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Results for 100 year +45% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC20	810	187.049	0.099	0.3	0.1320	0.0000	OK
1440 minute winter	FC21	1350	186.934	0.634	0.3	1.0285	0.0000	SURCHARGED
1440 minute winter	FC22	1350	186.927	0.477	0.3	4.6410	0.0000	SURCHARGED
1440 minute winter	FC23	1350	186.927	0.627	0.3	0.8800	0.0000	SURCHARGED
1440 minute winter	FC24	1350	186.934	0.634	0.3	1.0279	0.0000	SURCHARGED
1440 minute winter	FC25	1350	186.937	0.387	0.3	0.5152	0.0000	SURCHARGED
1440 minute winter	FC26	1350	186.927	0.477	0.3	4.8267	0.0000	SURCHARGED
1440 minute winter	FC27	1380	186.928	0.428	0.3	0.5526	0.0000	SURCHARGED
1440 minute winter	FC28	1350	186.937	0.437	0.3	0.5816	0.0000	SURCHARGED
1440 minute winter	FC29	1380	186.937	0.437	0.4	0.5909	0.0000	SURCHARGED
1440 minute winter	FC30	1350	186.937	0.187	0.3	0.2487	0.0000	SURCHARGED
1440 minute winter	FC31	780	186.551	0.101	0.3	0.1300	0.0000	SURCHARGED
1440 minute winter	FC32	780	186.549	0.099	0.3	0.1280	0.0000	OK
1440 minute winter	FC33	810	186.549	0.099	0.3	0.1320	0.0000	OK
1440 minute winter	FC34	840	186.554	0.103	0.3	0.1377	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC20	21.000	J18	0.3	0.782	0.019	0.0176
1440 minute winter	FC21	22.000	J19	0.3	0.392	0.056	0.0599
1440 minute winter	FC22	23.000	S17	0.3	0.489	0.015	0.0373
1440 minute winter	FC23	24.000	J20	0.3	0.406	0.048	0.0359
1440 minute winter	FC24	25.000	J21	0.3	0.457	0.040	0.0363
1440 minute winter	FC25	26.000	J22	0.3	0.776	0.019	0.0370
1440 minute winter	FC26	27.000	J23	0.3	0.643	0.020	0.0361
1440 minute winter	FC27	28.000	J24	0.3	0.825	0.016	0.0352
1440 minute winter	FC28	29.000	J25	0.3	0.780	0.019	0.0341
1440 minute winter	FC29	30.000	J26	0.4	0.822	0.026	0.0369
1440 minute winter	FC30	31.000	J27	0.3	0.729	0.021	0.0345
1440 minute winter	FC31	33.000	J28	0.3	0.251	0.033	0.0056
1440 minute winter	FC32	34.000	J29	0.3	0.224	0.024	0.0062
1440 minute winter	FC33	35.000	S12	0.3	0.716	0.021	0.0017
1440 minute winter	FC34	36.000	J30	0.3	0.402	0.049	0.0036

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Results for 100 year +45% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC35	810	186.549	0.099	0.3	0.1320	0.0000	OK
1440 minute winter	FC36	780	186.618	0.168	0.4	0.2266	0.0000	SURCHARGED
1440 minute winter	FC37	840	185.972	0.171	0.4	0.2385	0.0000	SURCHARGED
1440 minute winter	FC38	780	185.530	0.080	0.3	0.9588	0.0000	OK
1440 minute winter	FC39	780	185.549	0.099	0.3	0.1280	0.0000	OK
1440 minute winter	FC40	810	185.599	0.099	0.3	0.1320	0.0000	OK
1440 minute winter	FC41	840	184.950	0.100	0.3	0.1331	0.0000	SURCHARGED
1440 minute winter	FC42	810	184.701	0.101	0.3	0.1347	0.0000	SURCHARGED
1440 minute winter	FC43	840	184.700	0.100	0.3	0.1330	0.0000	OK
1440 minute winter	FC44	720	184.612	0.012	0.3	0.0149	0.0000	OK
1440 minute winter	FC45	30	184.600	0.000	0.0	0.0000	0.0000	OK
1440 minute winter	FC46	1500	184.995	0.295	0.5	0.4165	0.0000	SURCHARGED
1440 minute winter	FC47	1560	185.035	0.285	0.4	0.3223	0.0000	SURCHARGED
1440 minute winter	FC48	1560	184.999	0.199	0.3	0.2645	0.0000	SURCHARGED
1440 minute winter	FC49	1560	185.005	0.205	0.3	0.2728	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC35	37.000	J31	0.3	0.721	0.021	0.0021
1440 minute winter	FC36	38.000	J32	0.4	0.842	0.025	0.0024
1440 minute winter	FC37	39.000	J33	0.4	0.565	0.045	0.0047
1440 minute winter	FC38	40.000	J34	0.3	0.634	0.021	0.0020
1440 minute winter	FC39	41.000	J35	0.3	0.727	0.021	0.0018
1440 minute winter	FC40	42.000	J36	0.3	0.889	0.016	0.0017
1440 minute winter	FC41	43.000	J37	0.3	0.581	0.029	0.0026
1440 minute winter	FC42	44.000	J38	0.3	0.508	0.035	0.0029
1440 minute winter	FC43	45.000	J39	0.3	0.592	0.028	0.0022
1440 minute winter	FC44	46.000	J40	0.3	0.609	0.027	0.0022
1440 minute winter	FC45	47.000	S10	0.0	0.000	0.000	0.0000
1440 minute winter	FC46	48.000	S20	0.5	0.396	0.084	0.0470
1440 minute winter	FC47	49.000	J41	0.4	0.056	0.042	0.0414
1440 minute winter	FC48	50.000	J42	-0.6	0.326	-0.040	0.0391
1440 minute winter	FC49	51.000	S21	1.3	0.390	0.220	0.0341

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Results for 100 year +45% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC50	1560	185.009	0.209	0.3	0.2783	0.0000	SURCHARGED
1440 minute winter	FC51	1560	185.010	0.160	0.3	0.2135	0.0000	SURCHARGED
1440 minute winter	FC52	810	185.421	0.171	0.4	0.2339	0.0000	SURCHARGED
1440 minute winter	FC53	810	185.351	0.101	0.3	0.1341	0.0000	SURCHARGED
1440 minute winter	FC54	780	185.350	0.100	0.3	0.1290	0.0000	OK
1440 minute winter	FC55	780	185.349	0.099	0.3	0.1280	0.0000	OK
1440 minute winter	FC56	810	185.449	0.099	0.3	0.1320	0.0000	OK
1440 minute winter	FC57	810	185.449	0.099	0.3	0.1320	0.0000	OK
1440 minute winter	FC58	780	185.449	0.099	0.3	0.1280	0.0000	OK
1440 minute winter	FC59	780	185.449	0.099	0.3	0.1281	0.0000	OK
1440 minute winter	FC60	810	185.449	0.099	0.3	0.1322	0.0000	OK
1440 minute winter	FC61	810	185.401	0.101	0.3	0.1346	0.0000	SURCHARGED
1440 minute winter	FC62	810	185.512	0.262	0.5	0.3755	0.0000	SURCHARGED
1440 minute winter	FC63	780	185.504	0.104	0.3	0.1344	0.0000	SURCHARGED
1440 minute winter	FC64	810	185.104	0.103	0.3	0.1377	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC50	52.000	J43	1.9	0.390	0.324	0.0366
1440 minute winter	FC51	55.000	S22	2.4	0.391	0.401	0.0481
1440 minute winter	FC52	58.000	S23	0.4	0.616	0.040	0.0136
1440 minute winter	FC53	61.000	J50	0.3	0.533	0.032	0.0024
1440 minute winter	FC54	62.000	J51	0.3	0.590	0.028	0.0020
1440 minute winter	FC55	64.000	J53	0.3	0.743	0.020	0.0019
1440 minute winter	FC56	53.000	J44	0.3	0.765	0.019	0.0258
1440 minute winter	FC57	54.000	J45	0.3	0.718	0.021	0.0186
1440 minute winter	FC58	56.000	J46	0.3	0.691	0.022	0.0122
1440 minute winter	FC59	57.000	J47	0.3	0.641	0.025	0.0058
1440 minute winter	FC60	59.000	J48	0.3	0.634	0.025	0.0121
1440 minute winter	FC61	60.000	J49	0.3	0.510	0.035	0.0091
1440 minute winter	FC62	63.000	J52	0.5	0.546	0.065	0.0086
1440 minute winter	FC63	65.000	S26	0.3	0.394	0.051	0.0018
1440 minute winter	FC64	66.000	J54	0.3	0.295	0.051	0.0024

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Results for 100 year +45% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	FC65	810	185.249	0.099	0.3	0.1320	0.0000	OK
1440 minute winter	FC66	810	185.103	0.103	0.3	0.1367	0.0000	SURCHARGED
1440 minute winter	FC67	1410	184.962	0.161	0.3	1.6668	0.0000	SURCHARGED
1440 minute winter	FC68	1410	184.964	0.414	0.3	0.5346	0.0000	SURCHARGED
1440 minute winter	J1	780	188.225	0.025	1.1	0.0333	0.0000	OK
1440 minute winter	J2	780	188.144	0.037	1.4	0.0424	0.0000	OK
1440 minute winter	J3	780	188.085	0.039	1.9	0.0439	0.0000	OK
1440 minute winter	J4	780	188.063	0.028	2.2	0.0314	0.0000	OK
1440 minute winter	J5	780	187.936	0.026	2.5	0.0295	0.0000	OK
1440 minute winter	J6	780	187.687	0.037	2.8	0.0415	0.0000	OK
1440 minute winter	J7	780	187.649	0.049	3.1	0.0554	0.0000	OK
1440 minute winter	J8	780	187.628	0.035	3.4	0.0400	0.0000	OK
1440 minute winter	J9	720	187.325	0.050	3.7	0.0566	0.0000	OK
1440 minute winter	J10	780	187.299	0.029	4.2	0.0326	0.0000	OK
1440 minute winter	J11	780	187.163	0.042	4.5	0.0471	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	FC65	67.000	J55	0.3	0.313	0.016	0.0039
1440 minute winter	FC66	68.000	S24	0.3	0.440	0.042	0.0014
1440 minute winter	FC67	69.000	J56	4.2	0.531	0.704	0.0164
1440 minute winter	FC68	70.000	J57	2.8	0.515	0.314	0.0178
1440 minute winter	J1	1.001	J2	1.1	0.532	0.133	0.0105
1440 minute winter	J2	1.002	J3	1.4	0.568	0.236	0.0026
1440 minute winter	J3	1.003	J4	1.9	0.657	0.143	0.0057
1440 minute winter	J4	1.004	J5	2.2	1.028	0.066	0.0076
1440 minute winter	J5	1.005	J6	2.5	0.939	0.065	0.0153
1440 minute winter	J6	1.006	J7	2.8	0.676	0.098	0.0082
1440 minute winter	J7	1.007	J8	3.1	0.765	0.222	0.0046
1440 minute winter	J8	1.008	J9	3.4	1.106	0.112	0.0260
1440 minute winter	J9	1.009	J10	3.7	0.809	0.112	0.0057
1440 minute winter	J10	1.010	J11	4.2	1.061	0.033	0.0098
1440 minute winter	J11	1.011	S2	4.5	0.592	0.070	0.0414

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Results for 100 year +45% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J12	1380	186.931	0.122	5.8	0.1376	0.0000	OK
1440 minute winter	J13	1380	186.931	0.229	6.1	0.2590	0.0000	SURCHARGED
1440 minute winter	J14	1380	186.930	0.234	6.4	0.2652	0.0000	SURCHARGED
1440 minute winter	J15	1380	186.930	0.242	6.7	0.2739	0.0000	SURCHARGED
1440 minute winter	J16	1380	186.928	0.258	7.0	0.2923	0.0000	SURCHARGED
1440 minute winter	J17	1380	186.928	0.570	7.3	0.6449	0.0000	SURCHARGED
1440 minute winter	J18	1380	186.930	0.736	9.2	0.8329	0.0000	SURCHARGED
1440 minute winter	J19	1350	186.927	0.900	9.2	1.0182	0.0000	SURCHARGED
1440 minute winter	J20	1350	186.928	0.997	0.5	1.1270	0.0000	SURCHARGED
1440 minute winter	J21	1350	186.928	1.033	0.7	1.1678	0.0000	SURCHARGED
1440 minute winter	J22	1380	186.928	1.110	1.0	1.2556	0.0000	SURCHARGED
1440 minute winter	J23	1380	186.928	1.145	1.1	1.2954	0.0000	SURCHARGED
1440 minute winter	J24	1380	186.928	1.278	2.0	1.4450	0.0000	FLOOD RISK
1440 minute winter	J25	1350	186.927	1.312	2.2	1.4843	0.0000	FLOOD RISK
1440 minute winter	J26	1380	186.929	1.342	2.5	1.5183	0.0000	FLOOD RISK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J12	1.013	J13	5.8	0.634	0.087	0.1995
1440 minute winter	J13	1.014	J14	6.1	0.481	0.194	0.0754
1440 minute winter	J14	1.015	J15	6.4	0.553	0.204	0.0762
1440 minute winter	J15	1.016	J16	6.7	0.711	0.218	0.2039
1440 minute winter	J16	1.017	J17	7.0	0.939	0.116	0.1336
1440 minute winter	J17	1.018	S3	10.8	0.942	0.074	0.0750
1440 minute winter	J18	1.020	J19	8.2	1.555	0.063	0.0592
1440 minute winter	J19	1.021	S4	8.4	0.592	0.152	0.3096
1440 minute winter	J20	23.002	J21	0.4	0.352	0.071	0.0295
1440 minute winter	J21	23.003	J22	0.7	0.420	0.116	0.0627
1440 minute winter	J22	23.004	J23	0.9	0.496	0.152	0.0281
1440 minute winter	J23	23.005	S18	1.1	0.540	0.183	0.0587
1440 minute winter	J24	23.007	J25	1.9	0.438	0.141	0.1088
1440 minute winter	J25	23.008	J26	2.1	0.450	0.158	0.0874
1440 minute winter	J26	23.009	S19	2.6	0.506	0.198	0.0652

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Results for 100 year +45% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J27	1350	186.927	1.466	4.2	1.6584	0.0000	SURCHARGED
1440 minute winter	J28	750	186.387	0.031	1.2	0.0350	0.0000	OK
1440 minute winter	J29	750	186.307	0.036	1.5	0.0409	0.0000	OK
1440 minute winter	J30	750	186.190	0.043	2.1	0.0488	0.0000	OK
1440 minute winter	J31	750	186.164	0.044	2.4	0.0503	0.0000	OK
1440 minute winter	J32	750	186.112	0.048	2.8	0.0543	0.0000	OK
1440 minute winter	J33	750	185.643	0.033	3.8	0.0375	0.0000	OK
1440 minute winter	J34	750	185.181	0.056	4.9	0.0632	0.0000	OK
1440 minute winter	J35	750	185.112	0.037	5.1	0.0414	0.0000	OK
1440 minute winter	J36	750	184.935	0.060	5.4	0.0677	0.0000	OK
1440 minute winter	J37	750	184.641	0.066	6.2	0.0746	0.0000	OK
1440 minute winter	J38	750	184.452	0.077	6.8	0.0872	0.0000	OK
1440 minute winter	J39	750	184.415	0.077	7.1	0.0872	0.0000	OK
1440 minute winter	J40	750	184.392	0.067	7.4	0.0754	0.0000	OK
1440 minute winter	J41	1560	185.035	0.438	1.8	0.4956	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J27	23.011	S4	3.3	0.419	0.109	0.0951
1440 minute winter	J28	32.001	J29	1.2	0.521	0.203	0.0204
1440 minute winter	J29	32.002	S12	1.5	0.610	0.253	0.0115
1440 minute winter	J30	32.004	J31	2.1	0.491	0.158	0.0213
1440 minute winter	J31	32.005	J32	2.4	0.520	0.181	0.0449
1440 minute winter	J32	32.006	S13	2.8	0.721	0.210	0.0207
1440 minute winter	J33	32.008	S14	3.8	0.855	0.107	0.0409
1440 minute winter	J34	32.010	J35	4.9	0.827	0.126	0.0535
1440 minute winter	J35	32.011	J36	5.1	0.828	0.058	0.0434
1440 minute winter	J36	32.012	S15	5.4	0.851	0.182	0.0154
1440 minute winter	J37	32.014	S16	6.2	0.972	0.205	0.0343
1440 minute winter	J38	32.016	J39	6.8	0.570	0.227	0.1300
1440 minute winter	J39	32.017	J40	7.1	0.655	0.232	0.0399
1440 minute winter	J40	32.018	S10	7.4	0.789	0.173	0.0903
1440 minute winter	J41	48.002	J42	1.9	0.438	0.313	0.0486

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Results for 100 year +45% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J42	1560	185.027	0.490	2.8	0.5539	0.0000	SURCHARGED
1440 minute winter	J43	1680	185.044	0.684	6.4	0.7731	0.0000	SURCHARGED
1440 minute winter	J44	1680	185.047	0.697	7.5	0.7879	0.0000	SURCHARGED
1440 minute winter	J45	1680	185.069	0.769	8.6	0.8696	0.0000	SURCHARGED
1440 minute winter	J46	1680	185.099	0.827	11.6	0.9348	0.0000	SURCHARGED
1440 minute winter	J47	1680	185.120	0.872	12.5	0.9862	0.0000	SURCHARGED
1440 minute winter	J48	1680	185.065	0.911	79.2	1.0301	0.0000	SURCHARGED
1440 minute winter	J49	1680	185.138	1.009	128.6	1.1414	0.0000	SURCHARGED
1440 minute winter	J50	1530	184.987	0.862	87.2	0.9751	0.0000	SURCHARGED
1440 minute winter	J51	1620	185.053	0.945	113.1	1.0691	0.0000	SURCHARGED
1440 minute winter	J52	1590	185.064	0.960	60.2	1.0855	0.0000	SURCHARGED
1440 minute winter	J53	1620	184.987	0.900	19.2	1.0182	0.0000	SURCHARGED
1440 minute winter	J54	780	185.003	0.024	0.7	0.0275	0.0000	OK
1440 minute winter	J55	1380	184.990	0.046	1.0	0.0519	0.0000	OK
1440 minute winter	J56	1410	184.978	1.011	23.3	1.1434	0.0000	SURCHARGED

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J42	48.003	S21	-2.8	0.483	-0.477	0.0640
1440 minute winter	J43	48.005	J44	-6.4	0.455	-0.460	0.0283
1440 minute winter	J44	48.006	J45	-7.5	0.454	-0.559	0.1545
1440 minute winter	J45	48.007	S22	-8.6	-0.488	-0.634	0.0419
1440 minute winter	J46	48.009	J47	12.5	0.710	0.936	0.0742
1440 minute winter	J47	48.010	S23	-11.1	-0.630	-0.832	0.0465
1440 minute winter	J48	48.012	J49	-13.6	0.419	-0.455	0.2962
1440 minute winter	J49	48.013	J50	-47.1	-1.185	-1.538	0.0451
1440 minute winter	J50	48.014	J51	-16.5	0.429	-0.551	0.2018
1440 minute winter	J51	48.015	J52	-85.8	-2.159	-2.801	0.0451
1440 minute winter	J52	48.016	J53	19.2	0.515	0.629	0.1938
1440 minute winter	J53	48.017	S24	22.8	0.591	0.757	0.4079
1440 minute winter	J54	65.002	J55	0.7	0.423	0.118	0.0067
1440 minute winter	J55	65.003	S24	-1.0	0.551	-0.171	0.0403
1440 minute winter	J56	48.019	J57	23.4	0.485	0.432	0.6398

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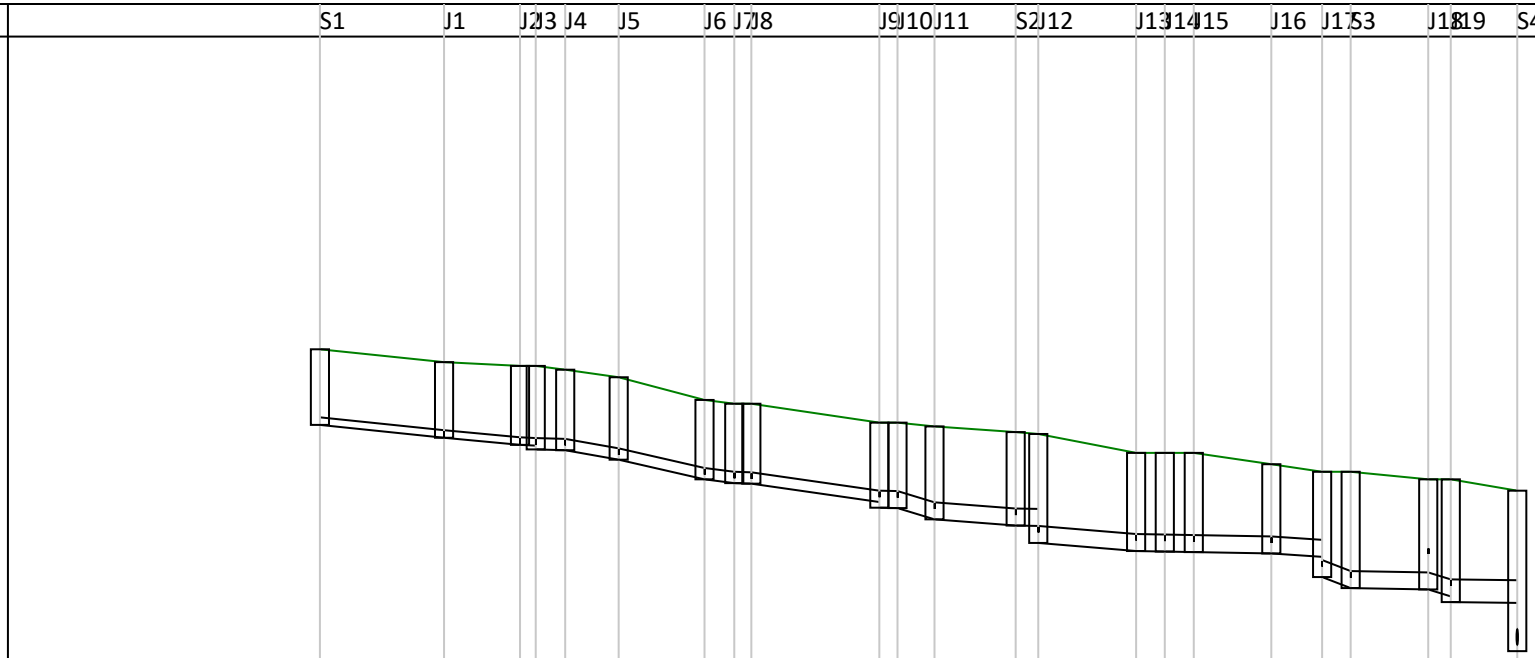
Results for 100 year +45% CC 1440 minute winter. 1680 minute analysis at 30 minute timestep. Mass balance: 99.22%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute winter	J57	1410	184.975	1.029	23.4	1.1643	0.0000	SURCHARGED
1440 minute winter	BASIN 1	1350	186.927	1.927	12.0	300.0778	0.0000	FLOOD RISK
1440 minute winter	BASIN 2	1380	184.869	0.569	1.9	57.6929	0.0000	OK
1440 minute winter	BASIN 3	1680	183.568	0.468	8.2	337.2185	0.0000	SURCHARGED
1440 minute winter	BASIN 4	1410	184.963	1.633	22.4	273.5995	0.0000	SURCHARGED
1440 minute winter	SWALE 1	1350	184.971	0.039	1.9	0.0440	0.0000	OK
1440 minute winter	SWALE 2	1380	184.489	0.039	1.9	0.0446	0.0000	OK
1440 minute winter	SWALE 3	750	184.141	0.071	8.2	0.0797	0.0000	OK
1440 minute winter	BH1	1380	184.869	0.792	0.4	3.0988	0.0000	OK
1440 minute winter	BH2	1680	183.568	0.516	0.6	4.1690	0.0000	OK
1440 minute winter	BH3	1410	184.963	1.657	0.9	7.7227	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute winter	J57	48.020	S25	22.1	0.516	0.409	0.5574
1440 minute winter	BASIN 1	1.023	S5	2.0	0.116	0.037	0.6013
1440 minute winter	BASIN 2	1.027	S7	1.9	0.484	0.035	0.0854
1440 minute winter	BASIN 2	71.000	BH1	0.4	0.378	0.073	0.1829
1440 minute winter	BASIN 3	1.034	BH2	0.6	0.185	0.008	2.9796
1440 minute winter	BASIN 4	48.022	BH3	0.9	0.315	0.016	0.7181
1440 minute winter	SWALE 1	1.025	S6	1.9	0.358	0.037	0.2073
1440 minute winter	SWALE 2	1.029	S8	1.9	0.469	0.035	0.1040
1440 minute winter	SWALE 3	1.033	BASIN 3	8.2	0.671	0.119	0.5309
1440 minute winter	BH1	Infiltration		0.1			
1440 minute winter	BH2	Infiltration		0.2			
1440 minute winter	BH3	Infiltration		0.2			

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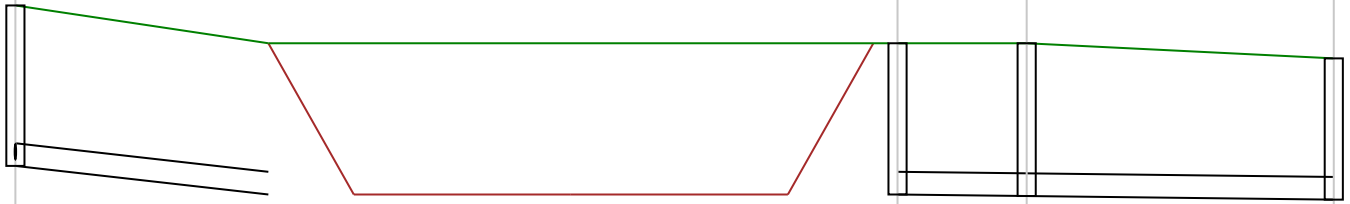
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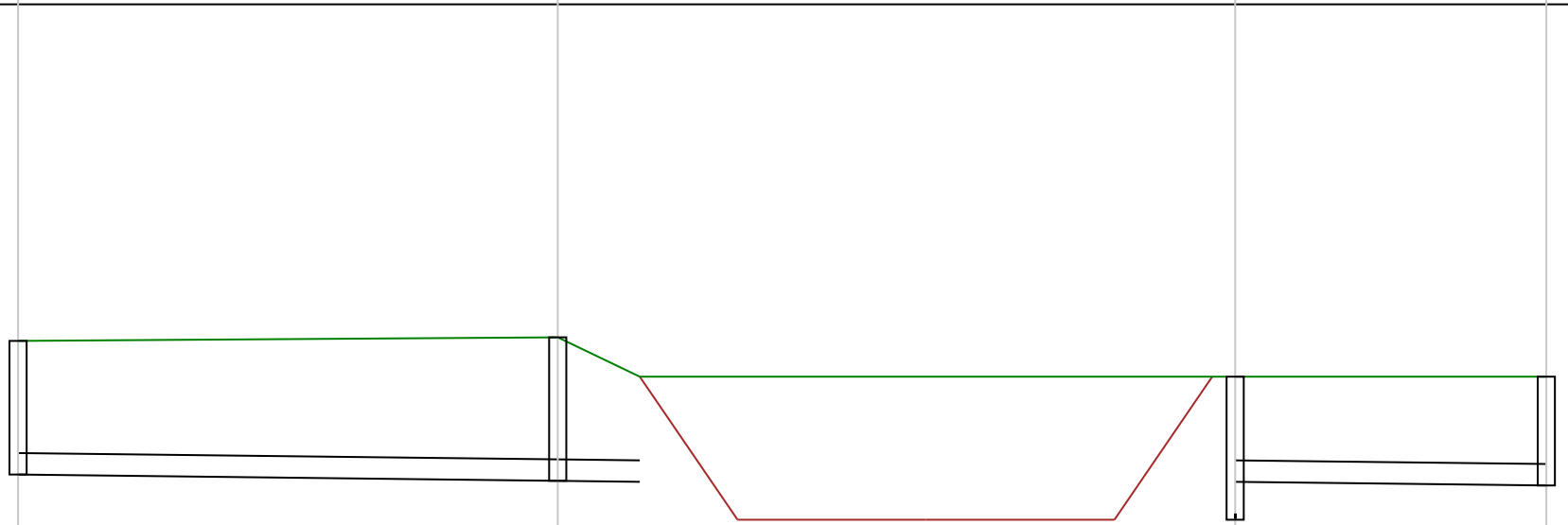
Node Name	S1	J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	S2	J12	J13	J14	J15	J16	J17	S3	J18	J19	S4
Link Name	1.000	1.001	1.0		1.00	1.005	1.0		1.008	1.0		1.011	1.	1.013	1.0	1.0	1.016	1.01	1.0	1.019	1.	1.021	
Section Type	100mm	100mm	1	15	150m	150mm	15	1	150mm	2	225	225mm	22	225mm	22	22	225mm	225r	22	225mm	22	300m	
Slope (1:X)	48.3	53.4	1	17	28.3	21.8	39	1	34.8	2	16.	65.5	29	60.5	27	27	284.8	74.7	12	285.0	16	399.7	
Cover Level (m)	189.370	189.200	189.150	189.150	189.100	189.000	188.700	188.650	188.650	188.400	188.400	188.350	188.275	188.250	188.000	188.000	188.000	187.850	187.750	187.750	187.650	187.650	187.500
Invert Level (m)	188.370	188.200	188.200	188.106	188.096	188.035	187.910	187.910	187.650	187.600	187.593	187.350	187.270	187.121	187.039	187.034	186.809	186.702	186.695	186.688	186.670	186.670	186.625	186.212	186.194	186.027	186.016	
Length (m)	8.207	5.022	1	1.9	3.535	5.676	1.9	1	8.463	1.2	4.	5.367	1.	6.470	1.8	1.9	5.126	3.36	1.8	5.130	1.	4.396	

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Node Name	S4		BASIN 1		S5		SWALE 1
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000							
Link Name	1.022		1.023		1.024		
Section Type	300mm		300mm		300mm		
Slope (1:X)	44.2		426.9		423.0		
Cover Level (m)	187.500		187.000		187.000		186.800
Invert Level (m)	185.378	185.000	185.000	184.980	184.980	184.932	
Length (m)	16.725		8.539		20.305		

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Node Name	SWALE 1	S6	BASIN 2	S7



A4 drawing

Hor Scale 500
Ver Scale 100

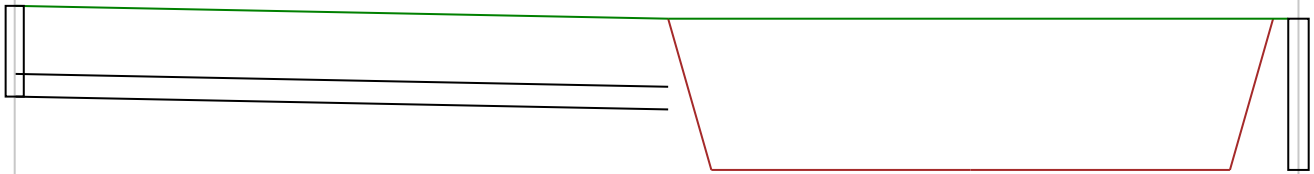
Datum (m) 180.000

Link Name	1.025	1.026	1.027	
Section Type	300mm	300mm	300mm	
Slope (1:X)	428.5	409.5	426.3	
Cover Level (m)	186.800	186.850	186.300	186.300
Invert Level (m)	184.932	184.844 / 184.844	184.830	184.779
Length (m)	37.707	5.733	21.741	

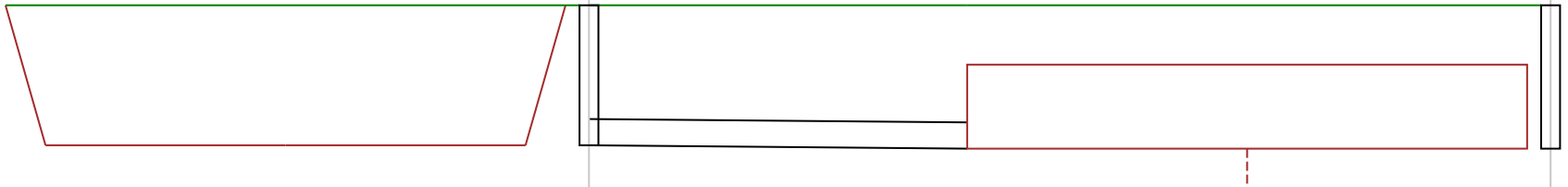
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Node Name		S7		SWALE 2		S8		S9		S10	SWALE 3
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000											
Link Name		1.028		1.029		1.030		1.031		1.032	
Section Type		300mm		300mm		300mm		300mm		300mm	
Slope (1:X)		50.8		428.9		63.2		417.7		38.2	
Cover Level (m)		186.300		185.650		185.630		185.400		185.400	185.270
Invert Level (m)		184.779	184.450	184.450	184.390	184.390	184.200	184.200	184.184	184.184	184.070
Length (m)		16.710		25.734		12.015		6.684		4.360	

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Node Name		SWALE 3		BASIN 3	
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 178.000					
Link Name		1.033			
Section Type		300mm			
Slope (1:X)		254.1			
Cover Level (m)		185.270		185.100	
Invert Level (m)		184.070		183.900	
Length (m)		43.205			

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Node Name		BASIN 3	BH2
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 178.000			
Link Name		1.034	
Section Type		375mm	
Slope (1:X)		562.8	
Cover Level (m)		185.100	185.100
Invert Level (m)		183.100	183.052
Length (m)		27.014	

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Node Name		FC1	J1
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 183.000			
Link Name		2.000	
Section Type		100mr	
Slope (1:X)		95.2	
Cover Level (m)		189.250	189.200
Invert Level (m)		188.250	188.200
Length (m)		4.759	

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Node Name		FC2	J2
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 183.000			
Link Name		3.000	
Section Type		100mr	
Slope (1:X)		103.1	
Cover Level (m)		189.150	189.150
Invert Level (m)		188.150	188.106
Length (m)		4.536	

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Node Name		FC3	J3
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 183.000			
Link Name		4.000	
Section Type		100mm	
Slope (1:X)		90.1	
Cover Level (m)		189.200	189.150
Invert Level (m)		188.200	188.096
Length (m)		9.375	

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Node Name		FC4	J4
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 183.000			
Link Name		5.000	
Section Type		100mm	
Slope (1:X)		63.9	
Cover Level (m)		189.200	189.100
Invert Level (m)		188.200	188.085
Length (m)		7.350	

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Node Name		FC5	J5
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 183.000			
Link Name		6.000	
Section Type		100m	
Slope (1:X)		103.7	
Cover Level (m)		189.000	189.000
Invert Level (m)		188.000	187.960
Length (m)		4.149	

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Node Name		FC6	J6
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		7.000	
Section Type		100mm	
Slope (1:X)		48.9	
Cover Level (m)		188.850	188.700
Invert Level (m)		187.850	187.700
Length (m)		7.336	

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Node Name		FC7	J7
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		8.000	
Section Type		100mm	
Slope (1:X)		72.7	
Cover Level (m)		188.750	188.650
Invert Level (m)		187.750	187.650
Length (m)		7.271	

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Node Name		FC8	J8
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		9.000	
Section Type		100m	
Slope (1:X)		39.1	
Cover Level (m)		188.750	188.650
Invert Level (m)		187.750	187.643
Length (m)		4.185	

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Node Name		FC9	J9
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		10.000	
Section Type		100mm	
Slope (1:X)		103.2	
Cover Level (m)		188.470	188.400
Invert Level (m)		187.470	187.400
Length (m)		7.225	

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Node Name		FC10	J10
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		11.000	
Section Type		100mm	
Slope (1:X)		83.2	
Cover Level (m)		188.470	188.400
Invert Level (m)		187.470	187.395
Length (m)		6.240	

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Node Name		FC11	J11
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		12.000	
Section Type		100mm	
Slope (1:X)		104.7	
Cover Level (m)		188.320	188.350
Invert Level (m)		187.320	187.246
Length (m)		7.746	

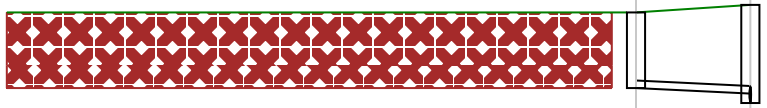
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Node Name		FC12	S2
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		13.000	
Section Type		100mm	
Slope (1:X)		104.4	
Cover Level (m)		188.230	188.275
Invert Level (m)		187.230	187.164
Length (m)		6.888	

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Node Name		FC13	J12
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		14.000	
Section Type		100mm	
Slope (1:X)		103.6	
Cover Level (m)		188.000	188.250
Invert Level (m)		187.000	186.934
Length (m)		6.840	

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Node Name		FC14	J13
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		15.000	
Section Type		100mm	
Slope (1:X)		103.6	
Cover Level (m)		187.900	188.000
Invert Level (m)		186.900	186.827
Length (m)		7.561	

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Node Name		FC15	J14
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		16.000	
Section Type		100mr	
Slope (1:X)		12.3	
Cover Level (m)		188.200	188.000
Invert Level (m)		187.200	186.820
Length (m)		4.680	

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Node Name		FC16	J15
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		17.000	
Section Type		100mm	
Slope (1:X)		87.4	
Cover Level (m)		187.900	188.000
Invert Level (m)		186.900	186.813
Length (m)		7.601	

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Node Name		FC17	J16
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 182.000			
Link Name		18.000	
Section Type		100mn	
Slope (1:X)		23.5	
Cover Level (m)		188.000	187.850
Invert Level (m)		187.000	186.795
Length (m)		4.821	

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Node Name		FC18	J17
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		19.000	
Section Type		100mm	
Slope (1:X)		104.6	
Cover Level (m)		187.550	187.750
Invert Level (m)		186.550	186.483
Length (m)		7.010	

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Node Name		FC19	S3
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		20.000	
Section Type		100mm	
Slope (1:X)		104.9	
Cover Level (m)		187.400	187.750
Invert Level (m)		186.400	186.337
Length (m)		6.609	

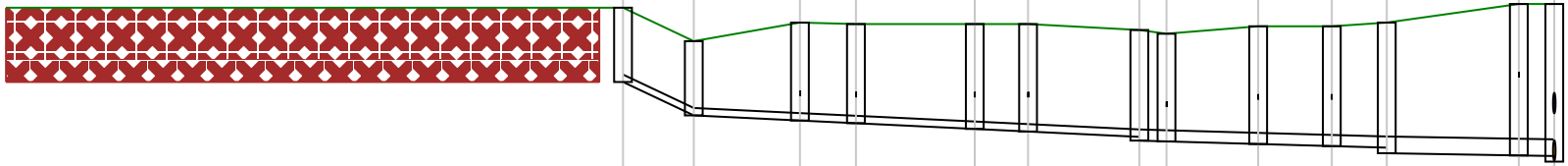
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Node Name		FC20	J18
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		21.00(	
Section Type		100m(	
Slope (1:X)		14.4	
Cover Level (m)		187.950	187.650
Invert Level (m)		186.950	186.650
Length (m)		4.329	

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Node Name		FC21	J19
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		22.000	
Section Type		100mm	
Slope (1:X)		104.8	
Cover Level (m)		187.300	187.650
Invert Level (m)		186.300	186.227
Length (m)		7.651	

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A4 drawing

Hor Scale 500
Ver Scale 100

Datum (m) 181.000

Node Name	FC22	S17	J20	J21	J22	J23	S18	J24	J25	J26	S19	J27	S4
Link Name	23.000	23.001	23.00	23.003	23.00	23.005	23	23.007	23.008	23.00	23.010	23.	
Section Type	100mr	100mm	100m	100mm	100m	100mm	15	150mm	150mn	150m	225mm	225	
Slope (1:X)	10.6	103.7	104.9	104.1	102.6	104.2	16	176.6	177.3	176.5	296.8	298	
Cover Level (m)	187.450	187.000	187.250	187.230	187.230	187.230	187.150	187.100	187.200	187.200	187.250	187.500	187.500
Invert Level (m)	186.450	186.000	186.000	185.931	185.931 185.895	185.895	185.818	185.818 185.783	185.783	185.711	185.650	185.615	185.615	185.587	185.587 185.566	185.491	185.461		
Length (m)	4.771	7.157	3.776	8.013	3.593	7.503	1.8	6.181	4.965	3.706	8.903	2.3	

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Node Name		FC23	J20
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		24.000	
Section Type		100mm	
Slope (1:X)		91.8	
Cover Level (m)		187.300	187.250
Invert Level (m)		186.300	186.250
Length (m)		4.588	

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Node Name		FC24	J21
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		25.000	
Section Type		100mr	
Slope (1:X)		66.3	
Cover Level (m)		187.300	187.230
Invert Level (m)		186.300	186.230
Length (m)		4.644	

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Node Name		FC25	J22
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		26.000	
Section Type		100mr	
Slope (1:X)		14.8	
Cover Level (m)		187.550	187.230
Invert Level (m)		186.550	186.230
Length (m)		4.735	

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Node Name		FC26	J23
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		27.000	
Section Type		100mm	
Slope (1:X)		21.0	
Cover Level (m)		187.450	187.230
Invert Level (m)		186.450	186.230
Length (m)		4.616	

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Node Name		FC27	J24
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		28.000	
Section Type		100mm	
Slope (1:X)		11.2	
Cover Level (m)		187.500	187.100
Invert Level (m)		186.500	186.100
Length (m)		4.497	

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Node Name		FC28	J25
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		29.00	
Section Type		100m	
Slope (1:X)		14.5	
Cover Level (m)		187.500	187.200
Invert Level (m)		186.500	186.200
Length (m)		4.356	

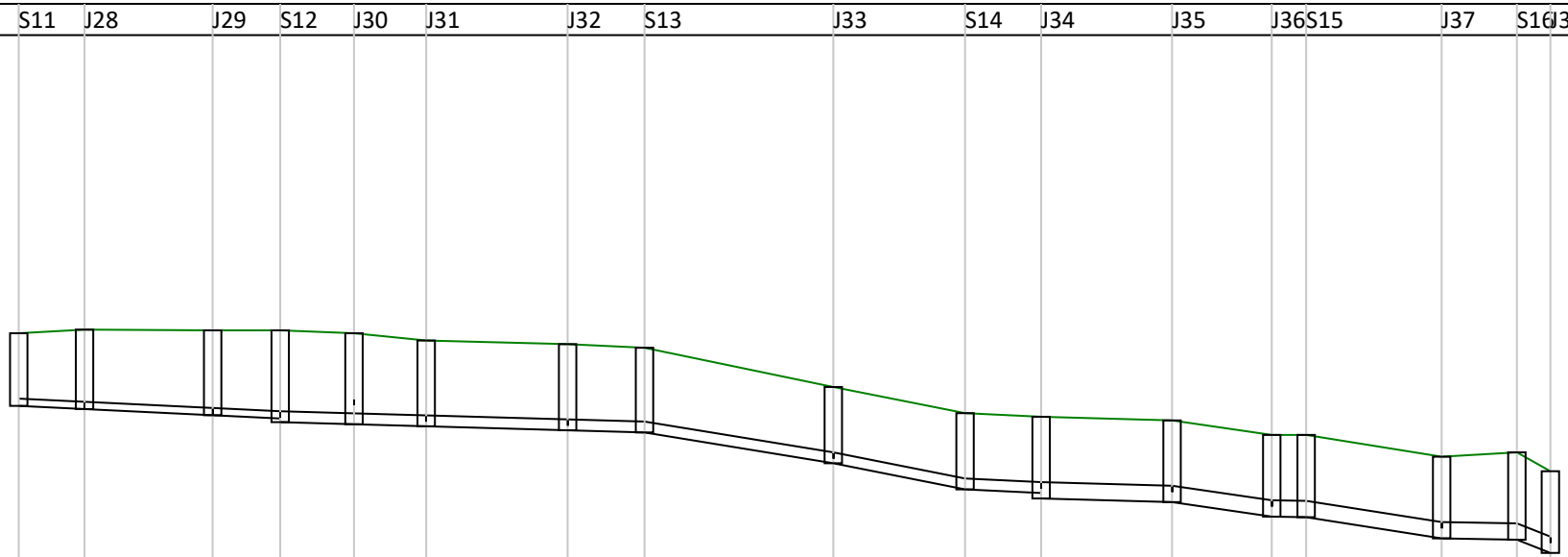
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Node Name		FC29	J26
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		30.000	
Section Type		100mr	
Slope (1:X)		15.7	
Cover Level (m)		187.500	187.200
Invert Level (m)		186.500	186.200
Length (m)		4.721	

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Node Name		FC30	J27
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		31.000	
Section Type		100mm	
Slope (1:X)		17.6	
Cover Level (m)		187.750	187.500
Invert Level (m)		186.750	186.500
Length (m)		4.404	

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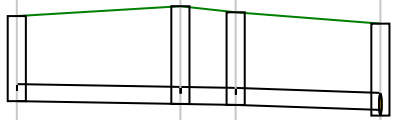
A4 drawing

Hor Scale 500
Ver Scale 100

Datum (m) 180.000

Node Name	S11	J28	J29	S12	J30	J31	J32	S13	J33	S14	J34	J35	J36	S15	J37	S16	J38
Link Name	32.000	32.001	32.002	32.003	32.004	32.005	32.006	32.007	32.008	32.009	32.010	32.011	32.	32.013	32.014	32.	
Section Type	100mm	100mm	100mm	150mm	150mm	150mm	150mm	150mm	150mm	150mm	225mm	225mm	225	225mm	225mm	225	
Slope (1:X)	103.0	103.8	103.4	175.3	177.7	177.1	176.6	30.7	25.2	104.8	180.4	34.4	296	32.0	288.0	12.	
Cover Level (m)	187.400	187.450	187.440	187.440	187.400	187.300	187.250	187.200	186.660	186.300	186.250	186.200	186.000	186.000	185.700	185.760	185.500
Invert Level (m)	186.400	186.356	186.356	186.271	186.271	186.226	186.176	186.147	186.147	186.119	186.119	186.064	186.064	186.034	186.034	185.610	185.610	185.250	185.250	185.200	185.125	185.075	185.075	184.875	184.867	184.575	184.575	184.557	184.557		
Length (m)	4.533	8.827	4.655	5.083	4.976	9.743	5.299	13.007	9.078	5.240	9.022	6.870	2.3	9.335	5.184	2.3	

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Node Name		J38	J39	J40	S10
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000					
Link Name		32.016	32.01	32.018	
Section Type		225mm	225m	225mm	
Slope (1:X)		292.4	281.1	145.0	
Cover Level (m)		185.500	185.630	185.550	185.400
Invert Level (m)		184.375	184.338 184.338	184.325 184.325	184.259
Length (m)		10.817	3.655	9.569	

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Node Name		FC31	J28
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		33.00	
Section Type		100m	
Slope (1:X)		45.2	
Cover Level (m)		187.450	187.450
Invert Level (m)		186.450	186.356
Length (m)		4.250	

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Node Name		FC32	J29
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		34.00	
Section Type		100m	
Slope (1:X)		23.2	
Cover Level (m)		187.450	187.440
Invert Level (m)		186.450	186.271
Length (m)		4.159	

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Node Name		FC33	S12
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		35.00	
Section Type		100m	
Slope (1:X)		18.4	
Cover Level (m)		187.450	187.440
Invert Level (m)		186.450	186.226
Length (m)		4.130	

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Node Name		FC34	J30
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		36.000	
Section Type		100mm	
Slope (1:X)		95.4	
Cover Level (m)		187.450	187.400
Invert Level (m)		186.450	186.400
Length (m)		4.772	

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Node Name		FC35	J31
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		37.000	
Section Type		100mm	
Slope (1:X)		18.3	
Cover Level (m)		187.450	187.300
Invert Level (m)		186.450	186.169
Length (m)		5.130	

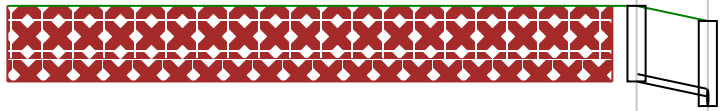
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Node Name		FC36	J32
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 181.000			
Link Name		38.000	
Section Type		100mm	
Slope (1:X)		14.9	
Cover Level (m)		187.450	187.250
Invert Level (m)		186.450	186.114
Length (m)		5.014	

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Node Name		FC37	J33
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		39.000	
Section Type		100mm	
Slope (1:X)		46.9	
Cover Level (m)		186.800	186.660
Invert Level (m)		185.800	185.660
Length (m)		6.567	

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Node Name		FC38	J34
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		40.000	
Section Type		100mm	
Slope (1:X)		23.6	
Cover Level (m)		186.450	186.250
Invert Level (m)		185.450	185.250
Length (m)		4.712	

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Node Name		FC39	J35
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		41.000	
Section Type		100mm	
Slope (1:X)		17.7	
Cover Level (m)		186.450	186.200
Invert Level (m)		185.450	185.200
Length (m)		4.437	

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Node Name		FC40	J36
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		42.000	
Section Type		100mm	
Slope (1:X)		10.1	
Cover Level (m)		186.500	186.000
Invert Level (m)		185.500	185.000
Length (m)		5.069	

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Node Name		FC41	J37
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		43.000	
Section Type		100mm	
Slope (1:X)		33.6	
Cover Level (m)		185.850	185.700
Invert Level (m)		184.850	184.700
Length (m)		5.034	

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Node Name		FC42	J38
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		44.000	
Section Type		100mn	
Slope (1:X)		49.4	
Cover Level (m)		185.600	185.500
Invert Level (m)		184.600	184.500
Length (m)		4.938	

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Node Name		FC43	J39
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		45.00	
Section Type		100m	
Slope (1:X)		31.6	
Cover Level (m)		185.600	185.630
Invert Level (m)		184.600	184.463
Length (m)		4.335	

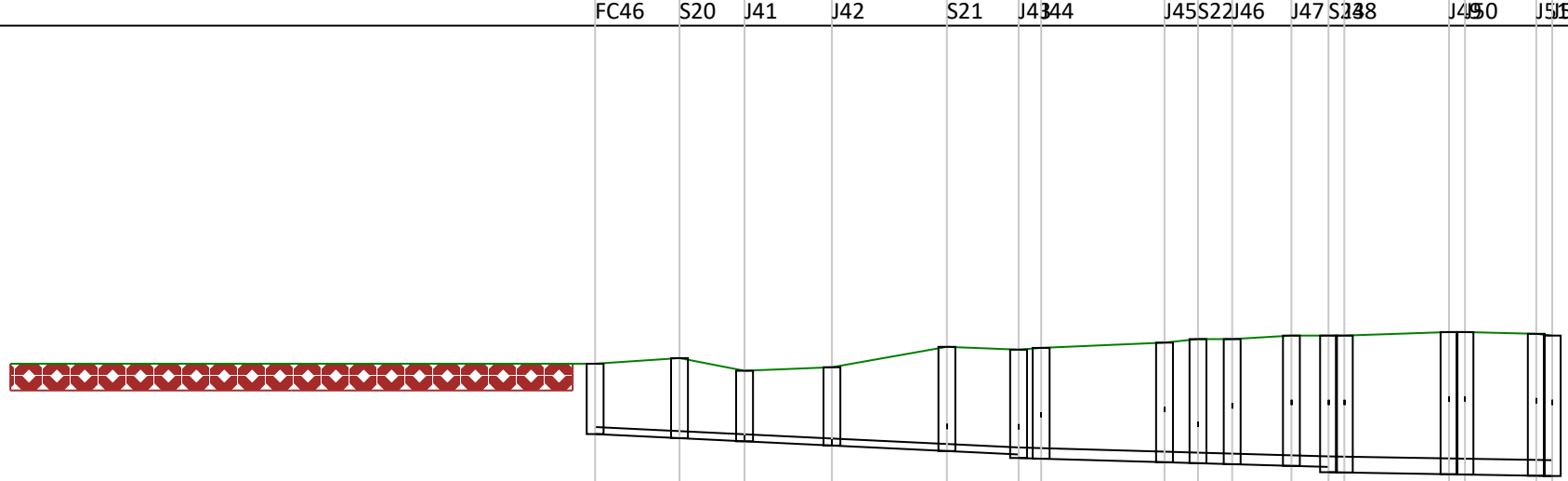
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Node Name		FC44	J40
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		46.00	
Section Type		100m	
Slope (1:X)		29.3	
Cover Level (m)		185.600	185.550
Invert Level (m)		184.600	184.450
Length (m)		4.393	

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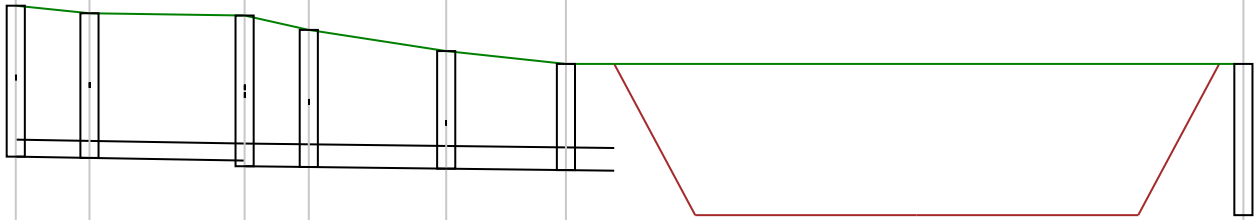
Node Name		FC45	S10
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		47.000	
Section Type		100mm	
Slope (1:X)		21.3	
Cover Level (m)		185.600	185.400
Invert Level (m)		184.600	184.384
Length (m)		4.611	

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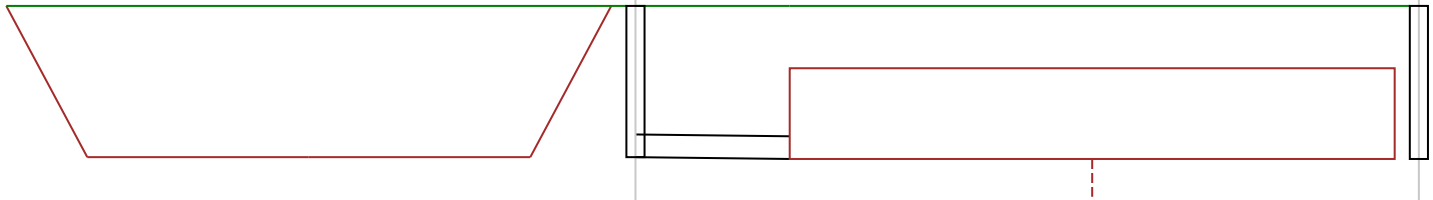


Node Name	FC46	S20	J41	J42	S21	J43	J44	J45	S22	J46	J47	S23	J48	J49	J50	J51	J52
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000																	
Link Name	48.000	48.001	48.002	48.003	48.004	48	48.006	48.	48.	48.00	48.0	4	48.012	4	48.014	4	
Section Type	100mm	100mr	100mm	100mm	100mm	15	150mm	150	150	150m	150	2	225mm	2	225mm	2	
Slope (1:X)	103.5	102.8	103.6	104.8	104.1	16	175.5	170	173	175.6	176	2	297.9	2	298.4	2	
Cover Level (m)	185.700	185.780	185.600	185.650	185.940	185.900	185.925	186.000	186.050	186.050	186.100	186.100	186.100	186.150	186.150	186.125	186.100
Invert Level (m)	184.700	184.642	184.642	184.597	184.597	184.537	184.537	184.459	184.459	184.410	184.350	184.350	184.300	184.272	184.248	184.154	184.154	184.154	184.129	184.125	184.125	184.108	184.104	184.103
Length (m)	6.002	4.628	6.214	8.178	5.101	1.	8.775	2.3	2.4	4.214	2.64	1	7.448	1	5.073	1	

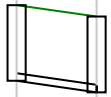
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Node Name		J52	J53	S24	J56	J57	S25 BASIN 4
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000							
Link Name		48.016	48.017	48.01	48.019	48.020	48.0
Section Type		225mn	225mm	300m	300mm	300mm	300r
Slope (1:X)		286.7	293.0	424.4	413.0	416.6	399.
Cover Level (m)		186.100	186.000	185.970	185.780	185.500	185.330 185.330
Invert Level (m)		184.104 184.087	184.087 184.052	183.977 183.967	183.967 183.945	183.945 183.926	183.926 183.918
Length (m)		4.874	10.256	4.244	9.086	7.916	3.19

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Node Name		BASIN 4	BH3
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		48.022	
Section Type		300mm	
Slope (1:X)		424.9	
Cover Level (m)		185.330	185.330
Invert Level (m)		183.330	183.306
Length (m)		10.197	

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Node Name		FC47	J41
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		49.000	
Section Type		100mm	
Slope (1:X)		34.6	
Cover Level (m)		185.750	185.600
Invert Level (m)		184.750	184.597
Length (m)		5.288	

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Node Name		FC48	J42
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		50.000	
Section Type		100mm	
Slope (1:X)		19.0	
Cover Level (m)		185.800	185.650
Invert Level (m)		184.800	184.537
Length (m)		4.997	

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Node Name		FC49	S21
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		51.00	
Section Type		100m	
Slope (1:X)		103.9	
Cover Level (m)		185.800	185.940
Invert Level (m)		184.800	184.758
Length (m)		4.364	

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Node Name		FC50	J43
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		52.000	
Section Type		100mr	
Slope (1:X)		104.0	
Cover Level (m)		185.800	185.900
Invert Level (m)		184.800	184.755
Length (m)		4.681	

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Node Name		FC56	J44
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		53.000	
Section Type		100mm	
Slope (1:X)		15.5	
Cover Level (m)		186.350	185.925
Invert Level (m)		185.350	184.925
Length (m)		6.583	

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Node Name		FC57	J45
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		54.000	
Section Type		100mm	
Slope (1:X)		18.5	
Cover Level (m)		186.350	186.000
Invert Level (m)		185.350	185.000
Length (m)		6.483	

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Node Name		FC51	S22
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		55.000	
Section Type		100mm	
Slope (1:X)		104.2	
Cover Level (m)		185.850	186.050
Invert Level (m)		184.850	184.791
Length (m)		6.150	

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Node Name		FC58	J46
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		56.000	
Section Type		100mm	
Slope (1:X)		20.7	
Cover Level (m)		186.350	186.050
Invert Level (m)		185.350	185.050
Length (m)		6.203	

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Node Name		FC59	J47
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		57.000	
Section Type		100mm	
Slope (1:X)		25.6	
Cover Level (m)		186.350	186.100
Invert Level (m)		185.350	185.100
Length (m)		6.403	

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Node Name		FC52	S23
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		58.000	
Section Type		100mm	
Slope (1:X)		36.4	
Cover Level (m)		186.250	186.100
Invert Level (m)		185.250	185.100
Length (m)		5.454	

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Node Name		FC60	J48
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		59.000	
Section Type		100mm	
Slope (1:X)		26.4	
Cover Level (m)		186.350	186.100
Invert Level (m)		185.350	185.100
Length (m)		6.605	

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Node Name		FC61	J49
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		60.000	
Section Type		100mm	
Slope (1:X)		49.3	
Cover Level (m)		186.300	186.150
Invert Level (m)		185.300	185.150
Length (m)		7.396	

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Node Name		FC53	J50
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		61.00	
Section Type		100m	
Slope (1:X)		42.7	
Cover Level (m)		186.250	186.150
Invert Level (m)		185.250	185.150
Length (m)		4.272	

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Node Name		FC54	J51
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		62.00	
Section Type		100m	
Slope (1:X)		31.8	
Cover Level (m)		186.250	186.125
Invert Level (m)		185.250	185.125
Length (m)		3.980	

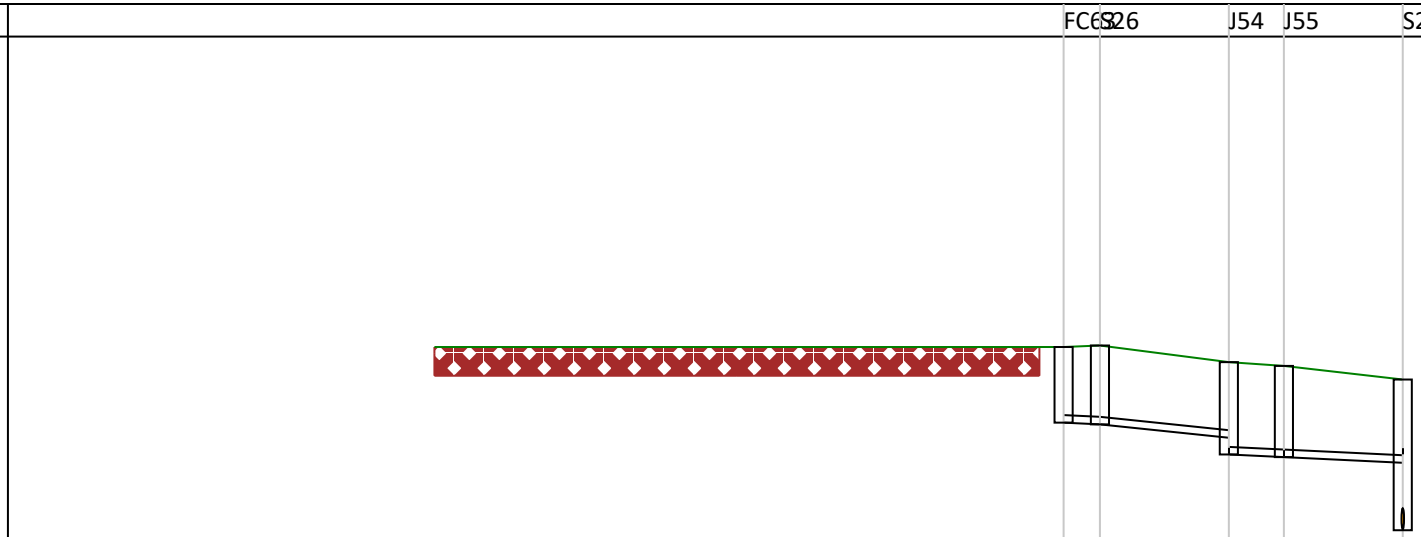
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Node Name		FC62	J52
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		63.000	
Section Type		100mm	
Slope (1:X)		62.6	
Cover Level (m)		186.250	186.100
Invert Level (m)		185.250	185.100
Length (m)		9.395	

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Node Name		FC55	J53
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		64.00	
Section Type		100m	
Slope (1:X)		16.6	
Cover Level (m)		186.250	186.000
Invert Level (m)		185.250	185.000
Length (m)		4.156	

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Node Name		FC6	S26	J54	J55	S24
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000						
Link Name		65.	65.001	65.0	65.003	
Section Type		100	100mm	100m	100mm	
Slope (1:X)		104	48.2	104.0	104.8	
Cover Level (m)		186.400	186.420	186.200	186.150	185.970
Invert Level (m)		185.400 185.400 185.400	185.377	185.200	184.979 184.944	184.944 184.869
Length (m)		2.4	8.523	3.640	7.859	

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Node Name		FC04	05
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		66.	
Section Type		100	
Slope (1:X)		104	
Cover Level (m)		186.000	186.200
Invert Level (m)		184.000	184.000
Length (m)		2.1	

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Node Name		FC05	05
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 180.000			
Link Name		67.	
Section Type		100	
Slope (1:X)		10.	
Cover Level (m)		186.150	186.150
Invert Level (m)		184.950	
Length (m)		2.1	

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Node Name		FC624	62
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		68.	
Section Type		100	
Slope (1:X)		70.	
Cover Level (m)		186.000	185.970
Invert Level (m)		184.900	184.900
Length (m)		2.1	

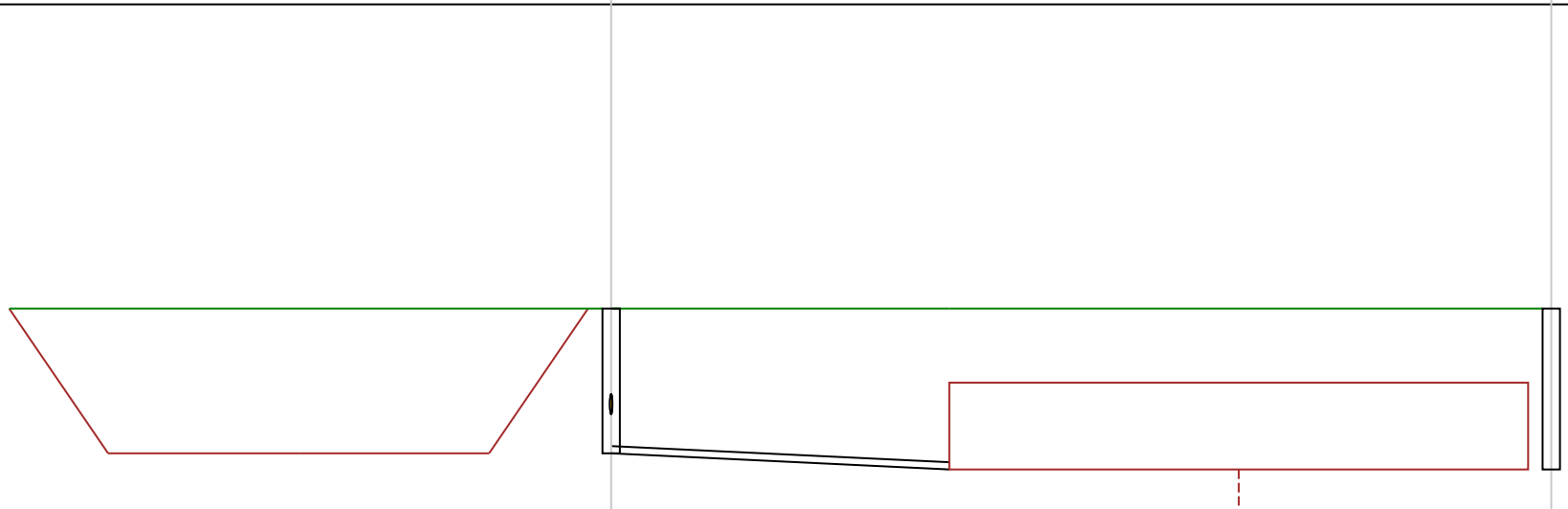
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Node Name		FC036
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000		
Link Name		69.
Section Type		100
Slope (1:X)		104
Cover Level (m)		185.800 185.780
Invert Level (m)		184.780
Length (m)		2.0

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Node Name		FC68	67
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		70.	
Section Type		100	
Slope (1:X)		45.	
Cover Level (m)		185.550	185.500
Invert Level (m)		**184.560**	
Length (m)		2.2	

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Node Name		BASIN 2	BH1
A4 drawing Hor Scale 500 Ver Scale 100 Datum (m) 179.000			
Link Name		71.000	
Section Type		100mm	
Slope (1:X)		104.8	
Cover Level (m)		186.300	186.300
Invert Level (m)		184.300	184.077
Length (m)		23.374	

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