

Design Settings

Rainfall Methodology	FEH-22	Minimum Velocity (m/s)	1.00
Return Period (years)	2	Connection Type	Level Inverts
Additional Flow (%)	0	Minimum Backdrop Height (m)	1.000
CV	0.750	Preferred Cover Depth (m)	0.600
Time of Entry (mins)	5.00	Include Intermediate Ground	✓
Maximum Time of Concentration (mins)	30.00	Enforce best practice design rules	x
Maximum Rainfall (mm/hr)	50.0		

Nodes

Name	Area (ha)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
SWMH 14			67.250	450	301681.759	510038.722	0.840
SWMH 5			67.250	450	301671.715	510026.056	1.119
SOAK 2			66.800		301667.060	510024.780	1.892
SWMH 1			67.250	450	301699.873	510026.383	0.722
SWMH 2			67.250	450	301689.038	510012.481	0.898
SWMH 11			67.250	450	301688.652	510035.608	0.764
J 12			67.250		301684.129	510037.723	0.814
J 11			67.250		301685.599	510037.038	0.798
RWP 9	0.003	5.00	67.250		301680.381	510041.483	0.700
RWP 7	0.005	5.00	67.250		301694.426	510032.790	0.700
RWP 2	0.003	5.00	67.250		301688.954	510014.599	0.700
SOAK 1			66.800		301668.719	510023.276	1.869
RWP 6	0.003	5.00	67.250		301688.040	510034.271	0.700
RWP 5	0.001	5.00	67.250		301685.223	510036.499	0.700
RWP 3	0.006	5.00	67.250		301682.525	510019.258	0.700
RWP 8	0.003	5.00	67.250		301686.060	510037.954	0.700
RWP 1	0.003	5.00	67.250		301699.817	510028.545	0.700
J 1			67.250		301687.988	510013.330	0.912
J 2			67.250		301680.590	510019.058	1.006
J 3			67.250		301674.885	510023.487	1.078
ACO 2			66.800	375	301677.521	510008.242	0.900
J 4			66.600		301669.520	510016.956	1.468
GULLY 1	0.012	5.00	67.250		301671.222	510030.455	0.700
GULLY 3	0.010	5.00	66.600		301670.196	510015.500	0.700
SWMH 22			66.600	450	301666.066	510020.756	1.542
GULLY 2	0.008	5.00	66.600		301663.339	510022.749	0.700
RWP 10	0.005	5.00	67.250		301675.901	510024.513	0.700
ACO 1	0.014	5.00	67.000		301680.467	510006.064	0.200

Links (Results)

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	0.769	6.0	0.4	0.600	0.622	0.003	0.0	17	0.420
1.001	0.769	6.0	0.4	0.622	0.798	0.003	0.0	17	0.420
1.002	0.769	6.0	0.4	0.798	0.812	0.003	0.0	17	0.420
2.000	2.836	22.3	0.5	0.600	0.812	0.003	0.0	10	1.099
1.003	0.769	6.0	0.8	0.812	0.906	0.006	0.0	25	0.531

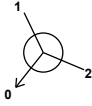
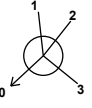
The Drainage Designers	The Drainage Designers 90 Coronation Street Sunderland SR1 2HE			File: Surface and Foul 4.pfd Network: Storm Martin Young 24/10/2024				Page 2		
	Links (Results)									
	Name	Vel (m/s)	Cap (l/s)	Flow (l/s)	US Depth (m)	DS Depth (m)	Σ Area (ha)	Σ Add Inflow (l/s)	Pro Depth (mm)	Pro Velocity (m/s)
	3.000	3.086	24.2	0.8	0.600	0.906	0.006	0.0	12	1.380
1.004	0.769	6.0	1.5	0.906	0.978	0.012	0.0	35	0.645	
4.000	3.985	31.3	0.7	0.600	0.978	0.005	0.0	11	1.629	
1.005	0.769	6.0	2.2	0.978	1.019	0.018	0.0	42	0.708	
5.000	0.769	6.0	0.6	0.600	0.664	0.005	0.0	21	0.490	
6.000	1.617	12.7	0.4	0.600	0.664	0.003	0.0	11	0.689	
5.001	0.769	6.0	1.0	0.664	0.698	0.007	0.0	27	0.560	
7.000	2.403	18.9	0.3	0.600	0.698	0.003	0.0	9	0.879	
5.002	0.769	6.0	1.3	0.698	0.714	0.010	0.0	32	0.613	
8.000	2.046	16.1	0.2	0.600	0.714	0.001	0.0	7	0.655	
5.003	0.769	6.0	1.5	0.714	0.740	0.011	0.0	33	0.629	
9.000	1.651	13.0	0.4	0.600	0.740	0.003	0.0	11	0.703	
5.004	1.014	8.0	1.8	0.740	1.019	0.014	0.0	32	0.820	
10.000	2.391	18.8	1.6	0.600	1.019	0.012	0.0	20	1.464	
1.006	4.221	33.2	5.5	1.019	1.769	0.044	0.0	28	3.141	
11.000	1.813	14.2	1.8	0.100	0.100	0.014	0.0	24	1.234	
11.001	1.978	15.5	1.8	0.800	1.368	0.014	0.0	23	1.321	
12.000	5.392	42.3	1.4	0.600	1.368	0.010	0.0	12	2.417	
11.002	0.769	6.0	3.1	1.368	1.419	0.024	0.0	50	0.771	
13.000	3.888	30.5	1.0	0.600	1.442	0.008	0.0	13	1.813	
11.003	1.443	11.3	4.1	1.442	1.769	0.032	0.0	42	1.330	
1.007	1.018	18.0	9.4	1.719	1.742	0.076	0.0	77	1.030	
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	2.163	100.0	100	Circular	67.250	66.550	0.600	67.250	66.528	0.622
1.001	17.626	100.0	100	Circular	67.250	66.528	0.622	67.250	66.352	0.798
1.002	1.350	100.0	100	Circular	67.250	66.352	0.798	67.250	66.338	0.812
2.000	1.595	7.5	100	Circular	67.250	66.550	0.600	67.250	66.338	0.812
1.003	9.356	100.0	100	Circular	67.250	66.338	0.812	67.250	66.244	0.906
3.000	1.945	6.4	100	Circular	67.250	66.550	0.600	67.250	66.244	0.906
1.004	7.222	100.0	100	Circular	67.250	66.244	0.906	67.250	66.172	0.978
4.000	1.444	3.8	100	Circular	67.250	66.550	0.600	67.250	66.172	0.978
1.005	4.080	100.0	100	Circular	67.250	66.172	0.978	67.250	66.131	1.019
5.000	6.425	100.0	100	Circular	67.250	66.550	0.600	67.250	66.486	0.664
6.000	1.470	23.0	100	Circular	67.250	66.550	0.600	67.250	66.486	0.664
Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type		
1.000	RWP 1		Junction		SWMH 1	450	Manhole	Adoptable		
1.001	SWMH 1	450	Manhole	Adoptable	SWMH 2	450	Manhole	Adoptable		
1.002	SWMH 2	450	Manhole	Adoptable	J 1		Junction			
2.000	RWP 2		Junction		J 1		Junction			
1.003	J 1		Junction		J 2		Junction			
3.000	RWP 3		Junction		J 2		Junction			
1.004	J 2		Junction		J 3		Junction			
4.000	RWP 10		Junction		J 3		Junction			
1.005	J 3		Junction		SWMH 5	450	Manhole	Adoptable		
5.000	RWP 7		Junction		SWMH 11	450	Manhole	Adoptable		
6.000	RWP 6		Junction		SWMH 11	450	Manhole	Adoptable		
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Pipeline Schedule

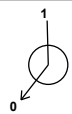
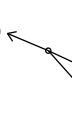
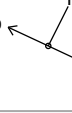
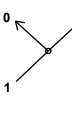
Link	Length (m)	Slope (1:X)	Dia (mm)	Link Type	US CL (m)	US IL (m)	US Depth (m)	DS CL (m)	DS IL (m)	DS Depth (m)
5.001	3.371	100.0	100	Circular	67.250	66.486	0.664	67.250	66.452	0.698
7.000	1.025	10.5	100	Circular	67.250	66.550	0.600	67.250	66.452	0.698
5.002	1.622	100.0	100	Circular	67.250	66.452	0.698	67.250	66.436	0.714
8.000	1.642	14.4	100	Circular	67.250	66.550	0.600	67.250	66.436	0.714
5.003	2.572	100.0	100	Circular	67.250	66.436	0.714	67.250	66.410	0.740
9.000	3.088	22.1	100	Circular	67.250	66.550	0.600	67.250	66.410	0.740
5.004	16.165	57.9	100	Circular	67.250	66.410	0.740	67.250	66.131	1.019
10.000	4.427	10.6	100	Circular	67.250	66.550	0.600	67.250	66.131	1.019
1.006	4.087	3.4	100	Circular	67.250	66.131	1.019	66.800	64.931	1.769
11.000	3.664	18.3	100	Circular	67.000	66.800	0.100	66.800	66.600	0.100
11.001	11.830	15.4	100	Circular	66.800	65.900	0.800	66.600	65.132	1.368
12.000	1.605	2.1	100	Circular	66.600	65.900	0.600	66.600	65.132	1.368
11.002	5.135	100.0	100	Circular	66.600	65.132	1.368	66.600	65.081	1.419
13.000	3.378	4.0	100	Circular	66.600	65.900	0.600	66.600	65.058	1.442
11.003	3.659	28.8	100	Circular	66.600	65.058	1.442	66.800	64.931	1.769
1.007	2.239	97.4	150	Circular	66.800	64.931	1.719	66.800	64.908	1.742

Link	US Node	Dia (mm)	Node Type	MH Type	DS Node	Dia (mm)	Node Type	MH Type
5.001	SWMH 11	450	Manhole	Adoptable	J 11		Junction	
7.000	RWP 8		Junction		J 11		Junction	
5.002	J 11		Junction		J 12		Junction	
8.000	RWP 5		Junction		J 12		Junction	
5.003	J 12		Junction		SWMH 14	450	Manhole	Adoptable
9.000	RWP 9		Junction		SWMH 14	450	Manhole	Adoptable
5.004	SWMH 14	450	Manhole	Adoptable	SWMH 5	450	Manhole	Adoptable
10.000	GULLY 1		Junction		SWMH 5	450	Manhole	Adoptable
1.006	SWMH 5	450	Manhole	Adoptable	SOAK 1		Junction	
11.000	ACO 1		Junction		ACO 2	375	Manhole	Adoptable
11.001	ACO 2	375	Manhole	Adoptable	J 4		Junction	
12.000	GULLY 3		Junction		J 4		Junction	
11.002	J 4		Junction		SWMH 22	450	Manhole	Adoptable
13.000	GULLY 2		Junction		SWMH 22	450	Manhole	Adoptable
11.003	SWMH 22	450	Manhole	Adoptable	SOAK 1		Junction	
1.007	SOAK 1		Junction		SOAK 2		Junction	

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
SWMH 14	301681.759	510038.722	67.250	0.840	450		9.000	66.410	100
							5.003	66.410	100
							5.004	66.410	100
SWMH 5	301671.715	510026.056	67.250	1.119	450		10.000	66.131	100
							5.004	66.131	100
							1.005	66.131	100
							1.006	66.131	100
SOAK 2	301667.060	510024.780	66.800	1.892			1.007	64.908	150

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)
SWMH 1	301699.873	510026.383	67.250	0.722	450		1 0	1.000 1.001	66.528 66.528 100 100
SWMH 2	301689.038	510012.481	67.250	0.898	450		1 0	1.001 1.002	66.352 66.352 100 100
SWMH 11	301688.652	510035.608	67.250	0.764	450		1 2 0	6.000 5.000 5.001	66.486 66.486 100 100 66.486 100
J 12	301684.129	510037.723	67.250	0.814			1 2 0	8.000 5.002 5.003	66.436 66.436 100 100 66.436 100
J 11	301685.599	510037.038	67.250	0.798			1 2 0	7.000 5.001 5.002	66.452 66.452 100 100 66.452 100
RWP 9	301680.381	510041.483	67.250	0.700			0	9.000	66.550 100
RWP 7	301694.426	510032.790	67.250	0.700			0	5.000	66.550 100
RWP 2	301688.954	510014.599	67.250	0.700			0	2.000	66.550 100
SOAK 1	301668.719	510023.276	66.800	1.869			1 2 0	11.003 1.006 1.007	64.931 64.931 100 100 64.931 150
RWP 6	301688.040	510034.271	67.250	0.700			0	6.000	66.550 100
RWP 5	301685.223	510036.499	67.250	0.700			0	8.000	66.550 100
RWP 3	301682.525	510019.258	67.250	0.700			0	3.000	66.550 100
RWP 8	301686.060	510037.954	67.250	0.700			0	7.000	66.550 100

Manhole Schedule

Node	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Connections	Link	IL (m)	Dia (mm)	
RWP 1	301699.817	510028.545	67.250	0.700			0	1.000	66.550	100
J 1	301687.988	510013.330	67.250	0.912			1 2 0	2.000 1.002 1.003	66.338 66.338 66.338	100 100 100
J 2	301680.590	510019.058	67.250	1.006			1 2 0	3.000 1.003 1.004	66.244 66.244 66.244	100 100 100
J 3	301674.885	510023.487	67.250	1.078			1 2 0	4.000 1.004 1.005	66.172 66.172 66.172	100 100 100
ACO 2	301677.521	510008.242	66.800	0.900	375		1 0	11.000 11.001	66.600 65.900	100 100
J 4	301669.520	510016.956	66.600	1.468			1 2 0	12.000 11.001 11.002	65.132 65.132 65.132	100 100 100
GULLY 1	301671.222	510030.455	67.250	0.700			0	10.000	66.550	100
GULLY 3	301670.196	510015.500	66.600	0.700			0	12.000	65.900	100
SWMH 22	301666.066	510020.756	66.600	1.542	450		1 2 0	13.000 11.002 11.003	65.058 65.081 65.058	100 100 100
GULLY 2	301663.339	510022.749	66.600	0.700			0	13.000	65.900	100
RWP 10	301675.901	510024.513	67.250	0.700			0	4.000	66.550	100
ACO 1	301680.467	510006.064	67.000	0.200			0	11.000	66.800	100

Simulation Settings

Rainfall Methodology	FEH-22	Skip Steady State	x	Check Discharge Rate(s)	x
Summer CV	0.750	Drain Down Time (mins)	240	Check Discharge Volume	✓
Analysis Speed	Normal	Additional Storage (m³/ha)	20.0	100 year 360 minute (m³)	

Storm Durations

15	30	60	120	180	240	360	480	600	720	960	1440
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Return Period (years)	Climate Change (CC %)	Additional Area (A %)	Additional Flow (Q %)
5	0	0	0
10	0	0	0
30	0	0	0
100	40	0	0

Pre-development Discharge Volume

Site Makeup	Greenfield	Return Period (years)	100
Greenfield Method	FSR/FEH	Climate Change (%)	0
Positively Drained Area (ha)		Storm Duration (mins)	360
Soil Index	1	Betterment (%)	0
SPR	0.10	PR	
CWI		Runoff Volume (m³)	

Node SOAK 2 Soakaway Storage Structure

BRE-365: Volume (m³)	0.300	Side Inf Coefficient (m/hr)	4.00000	Pit Width (m)	2.400
BRE-365: Area (m²)	2.900	Safety Factor	2.0	Pit Length (m)	2.400
BRE-365: Time (hrs)	0.100	Porosity	1.00	Depth (m)	0.700
BRE-365: Inf Coef (m/hr)	1.03448	Invert Level (m)	64.908	Inf Depth (m)	
Base Inf Coefficient (m/hr)	4.00000	Time to half empty (mins)	7	Number Required	1

Rainfall

Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)	Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)
5 year 15 minute summer	143.525	40.613	10 year 480 minute summer	22.027	5.821
5 year 30 minute summer	98.706	27.930	10 year 600 minute summer	18.218	4.983
5 year 60 minute summer	70.063	18.516	10 year 720 minute summer	16.353	4.383
5 year 120 minute summer	46.829	12.375	10 year 960 minute summer	13.566	3.572
5 year 180 minute summer	37.696	9.701	10 year 1440 minute summer	10.007	2.682
5 year 240 minute summer	30.731	8.121	30 year 15 minute summer	210.310	59.510
5 year 360 minute summer	24.325	6.260	30 year 30 minute summer	146.683	41.506
5 year 480 minute summer	19.523	5.159	30 year 60 minute summer	105.511	27.883
5 year 600 minute summer	16.172	4.423	30 year 120 minute summer	67.028	17.714
5 year 720 minute summer	14.522	3.892	30 year 180 minute summer	52.697	13.561
5 year 960 minute summer	12.031	3.168	30 year 240 minute summer	42.374	11.198
5 year 1440 minute summer	8.844	2.370	30 year 360 minute summer	33.067	8.509
10 year 15 minute summer	169.988	48.101	30 year 480 minute summer	26.418	6.982
10 year 30 minute summer	117.165	33.154	30 year 600 minute summer	21.885	5.986
10 year 60 minute summer	83.489	22.064	30 year 720 minute summer	19.702	5.280
10 year 120 minute summer	54.497	14.402	30 year 960 minute summer	16.483	4.340
10 year 180 minute summer	43.370	11.161	30 year 1440 minute summer	12.379	3.318
10 year 240 minute summer	35.104	9.277	100 year +40% CC 15 minute summer	365.706	103.482
10 year 360 minute summer	27.549	7.089	100 year +40% CC 30 minute summer	258.666	73.193

Rainfall

Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)	Event	Peak Intensity (mm/hr)	Average Intensity (mm/hr)
100 year +40% CC 60 minute summer	187.872	49.649	100 year +40% CC 480 minute summer	46.596	12.314
100 year +40% CC 120 minute summer	117.647	31.091	100 year +40% CC 600 minute summer	38.905	10.641
100 year +40% CC 180 minute summer	92.025	23.681	100 year +40% CC 720 minute summer	35.281	9.456
100 year +40% CC 240 minute summer	73.914	19.533	100 year +40% CC 960 minute summer	29.881	7.868
100 year +40% CC 360 minute summer	57.876	14.893	100 year +40% CC 1440 minute summer	22.700	6.084

Results for 5 year Critical Storm Duration. Lowest mass balance: 99.38%

Node Event	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m³)	Status
15 minute summer	11	66.450	0.040	2.4	0.0000	OK
15 minute summer	11	66.163	0.032	7.5	0.0000	OK
30 minute summer	23	65.275	0.367	9.6	0.0000	OK
15 minute summer	11	66.548	0.020	0.5	0.0000	OK
15 minute summer	12	66.373	0.021	0.5	0.0000	OK
15 minute summer	11	66.519	0.033	1.3	0.0000	OK
15 minute summer	11	66.477	0.041	1.9	0.0000	OK
15 minute summer	11	66.490	0.038	1.7	0.0000	OK
15 minute summer	11	66.563	0.013	0.5	0.0000	OK
15 minute summer	11	66.575	0.025	0.8	0.0000	OK
15 minute summer	11	66.561	0.011	0.6	0.0000	OK
30 minute summer	23	65.277	0.346	11.1	0.0000	SURCHARGED
15 minute summer	11	66.564	0.014	0.5	0.0000	OK
15 minute summer	10	66.559	0.009	0.3	0.0000	OK
15 minute summer	10	66.564	0.014	1.1	0.0000	OK
30 minute summer	18	66.560	0.010	0.4	0.0000	OK
15 minute summer	11	66.570	0.020	0.5	0.0000	OK
15 minute summer	11	66.366	0.028	1.1	0.0000	OK
15 minute summer	11	66.284	0.040	2.0	0.0000	OK
15 minute summer	11	66.223	0.051	2.9	0.0000	OK
15 minute summer	10	65.927	0.026	2.4	0.0000	OK
30 minute summer	22	65.285	0.153	4.0	0.0000	SURCHARGED
15 minute summer	10	66.573	0.023	2.2	0.0000	OK

Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
2.4	0.958	0.303	0.0409
7.4	1.253	0.225	0.0204
5.2			
0.5	0.477	0.084	0.0194
0.5	0.333	0.080	0.0020
1.3	0.525	0.215	0.0084
1.9	0.653	0.320	0.0076
1.7	0.593	0.281	0.0046
0.5	0.660	0.039	0.0054
0.8	0.435	0.132	0.0121
0.6	0.888	0.027	0.0018
9.6	1.019	0.535	0.0394
0.5	0.427	0.039	0.0021
0.3	0.289	0.017	0.0027
1.1	0.923	0.045	0.0035
0.4	0.614	0.021	0.0016
0.5	0.464	0.083	0.0024
1.0	0.451	0.172	0.0221
2.0	0.591	0.339	0.0250
2.9	0.956	0.485	0.0126
2.4	0.694	0.152	0.0532
3.9	0.791	0.646	0.0402
2.2	1.356	0.117	0.0077

Results for 5 year Critical Storm Duration. Lowest mass balance: 99.38%

Node Event	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m³)	Status
15 minute summer	10	65.914	0.014	1.8	0.0000	OK
30 minute summer	23	65.281	0.223	5.2	0.0000	SURCHARGED
15 minute summer	10	65.915	0.015	1.4	0.0000	OK
15 minute summer	10	66.562	0.012	0.9	0.0000	OK
15 minute summer	10	66.829	0.029	2.4	0.0000	OK
		Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	
		1.8	0.868	0.043	0.0066	
		4.6	0.777	0.409	0.0286	
		1.4	0.989	0.046	0.0143	
		0.9	0.985	0.029	0.0033	
		2.4	1.312	0.167	0.0067	

Results for 10 year Critical Storm Duration. Lowest mass balance: 99.38%

Node Event	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m³)	Status
15 minute summer	11	66.453	0.043	2.8	0.0000	OK
15 minute summer	11	66.166	0.035	8.9	0.0000	OK
30 minute summer	23	65.374	0.466	10.9	0.0000	OK
15 minute summer	10	66.549	0.021	0.6	0.0000	OK
15 minute summer	12	66.375	0.023	0.6	0.0000	OK
15 minute summer	11	66.522	0.036	1.5	0.0000	OK
15 minute summer	11	66.481	0.045	2.3	0.0000	OK
15 minute summer	11	66.494	0.042	2.0	0.0000	OK
15 minute summer	10	66.564	0.014	0.6	0.0000	OK
15 minute summer	10	66.577	0.027	1.0	0.0000	OK
15 minute summer	10	66.562	0.012	0.7	0.0000	OK
30 minute summer	23	65.376	0.445	12.0	0.0000	SURCHARGED
15 minute summer	10	66.565	0.015	0.6	0.0000	OK
30 minute summer	18	66.560	0.010	0.3	0.0000	OK
15 minute summer	10	66.566	0.016	1.3	0.0000	OK
15 minute summer	11	66.561	0.011	0.5	0.0000	OK
15 minute summer	11	66.572	0.022	0.6	0.0000	OK
15 minute summer	11	66.369	0.031	1.3	0.0000	OK
15 minute summer	11	66.289	0.045	2.5	0.0000	OK
15 minute summer	11	66.229	0.057	3.6	0.0000	OK
15 minute summer	10	65.929	0.029	2.8	0.0000	OK
30 minute summer	23	65.386	0.254	4.8	0.0000	SURCHARGED
15 minute summer	10	66.575	0.025	2.6	0.0000	OK

Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
2.8	0.993	0.355	0.0461
8.9	1.459	0.268	0.0210
5.7			
0.6	0.503	0.100	0.0226
0.6	0.348	0.097	0.0023
1.5	0.537	0.248	0.0095
2.3	0.691	0.383	0.0086
2.0	0.615	0.333	0.0053
0.6	0.661	0.045	0.0060
1.0	0.460	0.161	0.0136
0.7	0.888	0.031	0.0021
10.9	1.028	0.603	0.0394
0.6	0.409	0.046	0.0024
0.3	0.197	0.019	0.0030
1.3	0.923	0.053	0.0040
0.5	0.743	0.026	0.0018
0.6	0.484	0.099	0.0027
1.3	0.471	0.207	0.0254
2.5	0.619	0.408	0.0287
3.5	1.011	0.587	0.0143
2.8	0.713	0.178	0.0571
4.5	0.803	0.742	0.0402
2.6	1.388	0.138	0.0088

Results for 10 year Critical Storm Duration. Lowest mass balance: 99.38%

Node Event	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m³)	Status
15 minute summer	10	65.915	0.015	2.2	0.0000	OK
30 minute summer	23	65.382	0.324	6.1	0.0000	SURCHARGED
15 minute summer	10	65.916	0.016	1.7	0.0000	OK
15 minute summer	10	66.563	0.013	1.1	0.0000	OK
15 minute summer	10	66.831	0.031	2.8	0.0000	OK

Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
2.2	0.868	0.052	0.0068
4.9	0.748	0.436	0.0286
1.7	0.809	0.055	0.0145
1.1	0.988	0.035	0.0037
2.8	1.368	0.195	0.0075

Results for 30 year Critical Storm Duration. Lowest mass balance: 99.38%

Node Event	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m³)	Status
15 minute summer	11	66.460	0.050	3.6	0.0000	OK
15 minute summer	11	66.170	0.039	10.9	0.0000	OK
60 minute summer	40	65.534	0.626	11.3	0.0000	OK
15 minute summer	10	66.551	0.023	0.7	0.0000	OK
15 minute summer	12	66.377	0.025	0.7	0.0000	OK
15 minute summer	11	66.527	0.041	1.9	0.0000	OK
15 minute summer	11	66.488	0.052	2.9	0.0000	OK
15 minute summer	11	66.500	0.048	2.5	0.0000	OK
15 minute summer	11	66.566	0.016	0.7	0.0000	OK
15 minute summer	11	66.580	0.030	1.2	0.0000	OK
15 minute summer	10	66.564	0.014	0.9	0.0000	OK
60 minute summer	40	65.537	0.606	12.4	0.0000	SURCHARGED
15 minute summer	11	66.566	0.016	0.7	0.0000	OK
15 minute summer	11	66.561	0.011	0.4	0.0000	OK
15 minute summer	10	66.567	0.017	1.5	0.0000	OK
30 minute summer	18	66.562	0.012	0.6	0.0000	OK
15 minute summer	11	66.574	0.024	0.7	0.0000	OK
15 minute summer	11	66.373	0.035	1.6	0.0000	OK
15 minute summer	11	66.294	0.050	3.1	0.0000	OK
15 minute summer	11	66.236	0.064	4.3	0.0000	OK
15 minute summer	10	65.932	0.032	3.5	0.0000	OK
60 minute summer	40	65.552	0.420	4.8	0.0000	SURCHARGED
15 minute summer	10	66.578	0.028	3.2	0.0000	OK

Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
3.6	1.060	0.447	0.0544
10.9	1.743	0.329	0.0218
6.5			
0.7	0.512	0.116	0.0257
0.7	0.369	0.114	0.0027
1.9	0.565	0.315	0.0114
2.9	0.724	0.478	0.0103
2.5	0.643	0.413	0.0063
0.7	0.661	0.054	0.0072
1.2	0.481	0.199	0.0162
0.9	0.884	0.040	0.0024
11.3	1.000	0.627	0.0394
0.7	0.412	0.055	0.0028
0.4	0.496	0.025	0.0037
1.5	0.879	0.062	0.0047
0.6	0.613	0.032	0.0022
0.7	0.505	0.116	0.0030
1.6	0.493	0.259	0.0297
3.0	0.655	0.502	0.0334
4.3	1.065	0.718	0.0166
3.5	0.741	0.223	0.0592
3.7	0.774	0.621	0.0402
3.2	1.460	0.169	0.0101

Results for 30 year Critical Storm Duration. Lowest mass balance: 99.38%

Node Event	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m³)	Status
15 minute summer	10	65.917	0.017	2.7	0.0000	OK
60 minute summer	40	65.545	0.487	5.0	0.0000	SURCHARGED
15 minute summer	10	65.918	0.018	2.1	0.0000	OK
15 minute summer	10	66.564	0.014	1.4	0.0000	OK
15 minute summer	10	66.835	0.035	3.5	0.0000	OK
	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)		
	2.7	1.614	0.064	0.0070		
	4.1	0.698	0.361	0.0286		
	2.1	0.698	0.069	0.0148		
	1.4	0.935	0.044	0.0043		
	3.5	1.452	0.245	0.0088		

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 99.38%

Node Event	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m³)	Status
60 minute summer	43	66.494	0.084	5.0	0.0000	OK
60 minute summer	42	66.487	0.356	15.4	0.0000	SURCHARGED
60 minute summer	43	66.461	1.553	18.4	0.0000	OK
15 minute summer	11	66.559	0.031	1.3	0.0000	OK
60 minute summer	43	66.495	0.143	1.0	0.0000	SURCHARGED
15 minute summer	11	66.544	0.058	3.3	0.0000	OK
15 minute summer	11	66.510	0.074	5.0	0.0000	OK
15 minute summer	11	66.521	0.069	4.3	0.0000	OK
15 minute summer	11	66.571	0.021	1.2	0.0000	OK
15 minute summer	10	66.590	0.040	2.1	0.0000	OK
15 minute summer	10	66.568	0.018	1.6	0.0000	OK
60 minute summer	43	66.464	1.533	20.6	0.0000	SURCHARGED
15 minute summer	11	66.571	0.021	1.2	0.0000	OK
30 minute summer	18	66.563	0.013	0.6	0.0000	OK
15 minute summer	10	66.573	0.023	2.7	0.0000	OK
15 minute summer	10	66.566	0.016	1.1	0.0000	OK
15 minute summer	10	66.583	0.033	1.3	0.0000	OK
60 minute summer	43	66.495	0.157	2.2	0.0000	SURCHARGED
60 minute summer	43	66.493	0.249	4.3	0.0000	SURCHARGED
60 minute summer	42	66.490	0.318	6.2	0.0000	SURCHARGED
60 minute summer	42	66.489	0.589	4.8	0.0000	SURCHARGED
60 minute summer	43	66.483	1.351	8.3	0.0000	FLOOD RISK
15 minute summer	10	66.587	0.037	5.6	0.0000	OK

Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
5.0	1.036	0.632	0.1198
14.6	2.102	0.440	0.0320
6.9			
1.2	0.561	0.207	0.0415
1.0	0.391	0.165	0.0106
3.2	0.623	0.538	0.0177
5.0	0.833	0.820	0.0154
4.4	0.729	0.721	0.0097
1.2	0.662	0.093	0.0107
2.1	0.542	0.344	0.0246
1.6	0.851	0.071	0.0036
18.4	1.079	1.020	0.0394
1.2	0.482	0.094	0.0043
0.6	0.268	0.037	0.0055
2.7	1.213	0.111	0.0075
1.1	0.772	0.058	0.0034
1.3	0.601	0.211	0.0046
2.2	0.539	0.364	0.0732
4.3	0.704	0.707	0.0565
6.0	1.073	0.993	0.0319
4.6	0.738	0.296	0.0926
5.5	0.742	0.906	0.0402
5.6	1.670	0.297	0.0216

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 99.38%

Node Event	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Flood (m³)	Status
60 minute summer	43	66.484	0.584	3.7	0.0000	FLOOD RISK
60 minute summer	43	66.475	1.417	8.3	0.0000	FLOOD RISK
60 minute summer	43	66.476	0.576	2.8	0.0000	FLOOD RISK
15 minute summer	10	66.569	0.019	2.4	0.0000	OK
15 minute summer	10	66.849	0.049	6.1	0.0000	OK
	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)		
	3.7	0.868	0.087	0.0126		
	6.0	0.763	0.527	0.0286		
	2.8	0.809	0.092	0.0264		
	2.4	1.382	0.076	0.0064		
	6.1	1.667	0.425	0.0133		

Results for 5 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	SWMH 14	11	66.450	0.040	2.4	0.0063	0.0000	OK
15 minute summer	SWMH 5	11	66.163	0.032	7.5	0.0051	0.0000	OK
15 minute summer	SOAK 2	15	65.243	0.335	10.1	1.9323	0.0000	OK
15 minute summer	SWMH 1	11	66.548	0.020	0.5	0.0031	0.0000	OK
15 minute summer	SWMH 2	12	66.373	0.021	0.5	0.0033	0.0000	OK
15 minute summer	SWMH 11	11	66.519	0.033	1.3	0.0053	0.0000	OK
15 minute summer	J 12	11	66.477	0.041	1.9	0.0000	0.0000	OK
15 minute summer	J 11	11	66.490	0.038	1.7	0.0000	0.0000	OK
15 minute summer	RWP 9	11	66.563	0.013	0.5	0.0011	0.0000	OK
15 minute summer	RWP 7	11	66.575	0.025	0.8	0.0033	0.0000	OK
15 minute summer	RWP 2	11	66.561	0.011	0.6	0.0011	0.0000	OK
15 minute summer	SOAK 1	14	65.245	0.314	12.0	0.0000	0.0000	SURCHARGED
15 minute summer	RWP 6	11	66.564	0.014	0.5	0.0011	0.0000	OK
15 minute summer	RWP 5	10	66.559	0.009	0.3	0.0004	0.0000	OK
15 minute summer	RWP 3	10	66.564	0.014	1.1	0.0025	0.0000	OK
15 minute summer	RWP 8	11	66.560	0.010	0.4	0.0007	0.0000	OK
15 minute summer	RWP 1	11	66.570	0.020	0.5	0.0016	0.0000	OK
15 minute summer	J 1	11	66.366	0.028	1.1	0.0000	0.0000	OK
15 minute summer	J 2	11	66.284	0.040	2.0	0.0000	0.0000	OK
15 minute summer	J 3	11	66.223	0.051	2.9	0.0000	0.0000	OK
15 minute summer	ACO 2	10	65.927	0.026	2.4	0.0029	0.0000	OK
15 minute summer	J 4	14	65.253	0.121	4.2	0.0000	0.0000	SURCHARGED
15 minute summer	GULLY 1	10	66.573	0.023	2.2	0.0082	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	SWMH 14	5.004	SWMH 5	2.4	0.958	0.303	0.0409
15 minute summer	SWMH 5	1.006	SOAK 1	7.4	1.253	0.225	0.0204
15 minute summer	SOAK 2	Infiltration		5.0			
15 minute summer	SWMH 1	1.001	SWMH 2	0.5	0.477	0.084	0.0194
15 minute summer	SWMH 2	1.002	J 1	0.5	0.333	0.080	0.0020
15 minute summer	SWMH 11	5.001	J 11	1.3	0.525	0.215	0.0084
15 minute summer	J 12	5.003	SWMH 14	1.9	0.653	0.320	0.0076
15 minute summer	J 11	5.002	J 12	1.7	0.593	0.281	0.0046
15 minute summer	RWP 9	9.000	SWMH 14	0.5	0.660	0.039	0.0054
15 minute summer	RWP 7	5.000	SWMH 11	0.8	0.435	0.132	0.0121
15 minute summer	RWP 2	2.000	J 1	0.6	0.888	0.027	0.0018
15 minute summer	SOAK 1	1.007	SOAK 2	10.1	1.136	0.561	0.0394
15 minute summer	RWP 6	6.000	SWMH 11	0.5	0.427	0.039	0.0021
15 minute summer	RWP 5	8.000	J 12	0.3	0.289	0.017	0.0027
15 minute summer	RWP 3	3.000	J 2	1.1	0.923	0.045	0.0035
15 minute summer	RWP 8	7.000	J 11	0.4	0.437	0.021	0.0016
15 minute summer	RWP 1	1.000	SWMH 1	0.5	0.464	0.083	0.0024
15 minute summer	J 1	1.003	J 2	1.0	0.451	0.172	0.0221
15 minute summer	J 2	1.004	J 3	2.0	0.591	0.339	0.0250
15 minute summer	J 3	1.005	SWMH 5	2.9	0.956	0.485	0.0126
15 minute summer	ACO 2	11.001	J 4	2.4	0.694	0.152	0.0532
15 minute summer	J 4	11.002	SWMH 22	4.1	0.805	0.680	0.0402
15 minute summer	GULLY 1	10.000	SWMH 5	2.2	1.356	0.117	0.0077

Results for 5 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	GULLY 3	10	65.914	0.014	1.8	0.0041	0.0000	OK
15 minute summer	SWMH 22	14	65.249	0.191	5.5	0.0304	0.0000	SURCHARGED
15 minute summer	GULLY 2	10	65.915	0.015	1.4	0.0033	0.0000	OK
15 minute summer	RWP 10	10	66.562	0.012	0.9	0.0018	0.0000	OK
15 minute summer	ACO 1	10	66.829	0.029	2.4	0.0393	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	GULLY 3	12.000	J 4	1.8	0.868	0.043	0.0066
15 minute summer	SWMH 22	11.003	SOAK 1	5.0	0.844	0.445	0.0286
15 minute summer	GULLY 2	13.000	SWMH 22	1.4	0.989	0.046	0.0143
15 minute summer	RWP 10	4.000	J 3	0.9	0.985	0.029	0.0033
15 minute summer	ACO 1	11.000	ACO 2	2.4	1.312	0.167	0.0067

Results for 5 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	SWMH 14	19	66.449	0.039	2.3	0.0062	0.0000	OK
30 minute summer	SWMH 5	18	66.162	0.031	7.2	0.0050	0.0000	OK
30 minute summer	SOAK 2	23	65.275	0.367	9.6	2.1153	0.0000	OK
30 minute summer	SWMH 1	18	66.547	0.019	0.5	0.0031	0.0000	OK
30 minute summer	SWMH 2	19	66.372	0.020	0.5	0.0032	0.0000	OK
30 minute summer	SWMH 11	18	66.519	0.033	1.3	0.0052	0.0000	OK
30 minute summer	J 12	19	66.476	0.040	1.9	0.0000	0.0000	OK
30 minute summer	J 11	18	66.489	0.037	1.7	0.0000	0.0000	OK
30 minute summer	RWP 9	18	66.563	0.013	0.5	0.0011	0.0000	OK
30 minute summer	RWP 7	18	66.575	0.025	0.8	0.0033	0.0000	OK
30 minute summer	RWP 2	18	66.561	0.011	0.6	0.0011	0.0000	OK
30 minute summer	SOAK 1	23	65.277	0.346	11.1	0.0000	0.0000	SURCHARGED
30 minute summer	RWP 6	18	66.564	0.014	0.5	0.0011	0.0000	OK
30 minute summer	RWP 5	19	66.558	0.008	0.2	0.0003	0.0000	OK
30 minute summer	RWP 3	18	66.564	0.014	1.0	0.0024	0.0000	OK
30 minute summer	RWP 8	18	66.560	0.010	0.4	0.0007	0.0000	OK
30 minute summer	RWP 1	18	66.570	0.020	0.5	0.0016	0.0000	OK
30 minute summer	J 1	19	66.365	0.027	1.0	0.0000	0.0000	OK
30 minute summer	J 2	19	66.283	0.039	2.0	0.0000	0.0000	OK
30 minute summer	J 3	18	66.222	0.050	2.8	0.0000	0.0000	OK
30 minute summer	ACO 2	18	65.926	0.026	2.3	0.0029	0.0000	OK
30 minute summer	J 4	22	65.285	0.153	4.0	0.0000	0.0000	SURCHARGED
30 minute summer	GULLY 1	18	66.573	0.023	2.1	0.0081	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	SWMH 14	5.004	SWMH 5	2.3	0.950	0.291	0.0396
30 minute summer	SWMH 5	1.006	SOAK 1	7.1	1.205	0.215	0.0203
30 minute summer	SOAK 2	Infiltration		5.2			
30 minute summer	SWMH 1	1.001	SWMH 2	0.5	0.464	0.080	0.0190
30 minute summer	SWMH 2	1.002	J 1	0.5	0.328	0.077	0.0019
30 minute summer	SWMH 11	5.001	J 11	1.3	0.525	0.213	0.0083
30 minute summer	J 12	5.003	SWMH 14	1.9	0.650	0.309	0.0074
30 minute summer	J 11	5.002	J 12	1.7	0.600	0.276	0.0045
30 minute summer	RWP 9	9.000	SWMH 14	0.5	0.660	0.039	0.0052
30 minute summer	RWP 7	5.000	SWMH 11	0.8	0.435	0.132	0.0120
30 minute summer	RWP 2	2.000	J 1	0.6	0.887	0.027	0.0018
30 minute summer	SOAK 1	1.007	SOAK 2	9.6	1.019	0.535	0.0394
30 minute summer	RWP 6	6.000	SWMH 11	0.5	0.367	0.039	0.0021
30 minute summer	RWP 5	8.000	J 12	0.2	0.185	0.012	0.0026
30 minute summer	RWP 3	3.000	J 2	1.0	0.923	0.041	0.0034
30 minute summer	RWP 8	7.000	J 11	0.4	0.614	0.021	0.0016
30 minute summer	RWP 1	1.000	SWMH 1	0.5	0.461	0.082	0.0023
30 minute summer	J 1	1.003	J 2	1.0	0.440	0.166	0.0214
30 minute summer	J 2	1.004	J 3	1.9	0.583	0.322	0.0241
30 minute summer	J 3	1.005	SWMH 5	2.8	0.947	0.463	0.0122
30 minute summer	ACO 2	11.001	J 4	2.3	0.694	0.148	0.0543
30 minute summer	J 4	11.002	SWMH 22	3.9	0.791	0.646	0.0402
30 minute summer	GULLY 1	10.000	SWMH 5	2.1	1.291	0.112	0.0076

Results for 5 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	GULLY 3	18	65.913	0.013	1.7	0.0040	0.0000	OK
30 minute summer	SWMH 22	23	65.281	0.223	5.2	0.0355	0.0000	SURCHARGED
30 minute summer	GULLY 2	18	65.914	0.014	1.3	0.0032	0.0000	OK
30 minute summer	RWP 10	18	66.562	0.012	0.9	0.0018	0.0000	OK
30 minute summer	ACO 1	18	66.828	0.028	2.3	0.0385	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	GULLY 3	12.000	J 4	1.7	1.056	0.040	0.0067
30 minute summer	SWMH 22	11.003	SOAK 1	4.6	0.777	0.409	0.0286
30 minute summer	GULLY 2	13.000	SWMH 22	1.3	0.950	0.043	0.0143
30 minute summer	RWP 10	4.000	J 3	0.9	0.987	0.029	0.0032
30 minute summer	ACO 1	11.000	ACO 2	2.3	1.300	0.162	0.0065

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	90 Coronation Street		Network: Storm					
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Results for 5 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 100.00%								
Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	SWMH 14	34	66.444	0.034	1.9	0.0054	0.0000	OK
60 minute summer	SWMH 5	34	66.159	0.028	5.7	0.0044	0.0000	OK
60 minute summer	SOAK 2	39	65.256	0.348	8.3	2.0048	0.0000	OK
60 minute summer	SWMH 1	33	66.546	0.018	0.4	0.0028	0.0000	OK
60 minute summer	SWMH 2	35	66.370	0.018	0.4	0.0029	0.0000	OK
60 minute summer	SWMH 11	33	66.515	0.029	1.0	0.0045	0.0000	OK
60 minute summer	J 12	34	66.471	0.035	1.5	0.0000	0.0000	OK
60 minute summer	J 11	33	66.484	0.032	1.3	0.0000	0.0000	OK
60 minute summer	RWP 9	33	66.562	0.012	0.4	0.0009	0.0000	OK
60 minute summer	RWP 7	34	66.571	0.021	0.6	0.0029	0.0000	OK
60 minute summer	RWP 2	33	66.560	0.010	0.5	0.0010	0.0000	OK
60 minute summer	SOAK 1	39	65.258	0.327	9.0	0.0000	0.0000	SURCHARGED
60 minute summer	RWP 6	33	66.562	0.012	0.4	0.0010	0.0000	OK
60 minute summer	RWP 5	34	66.558	0.008	0.2	0.0003	0.0000	OK
60 minute summer	RWP 3	33	66.563	0.013	0.8	0.0022	0.0000	OK
60 minute summer	RWP 8	33	66.559	0.009	0.3	0.0006	0.0000	OK
60 minute summer	RWP 1	34	66.568	0.018	0.4	0.0015	0.0000	OK
60 minute summer	J 1	33	66.363	0.025	0.9	0.0000	0.0000	OK
60 minute summer	J 2	33	66.279	0.035	1.7	0.0000	0.0000	OK
60 minute summer	J 3	34	66.217	0.045	2.3	0.0000	0.0000	OK
60 minute summer	ACO 2	33	65.923	0.023	1.8	0.0025	0.0000	OK
60 minute summer	J 4	39	65.267	0.135	3.2	0.0000	0.0000	SURCHARGED
60 minute summer	GULLY 1	33	66.570	0.020	1.6	0.0070	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	
60 minute summer	SWMH 14	5.004	SWMH 5	1.8	0.889	0.231	0.0335	
60 minute summer	SWMH 5	1.006	SOAK 1	5.7	1.056	0.172	0.0196	
60 minute summer	SOAK 2	Infiltration		5.1				
60 minute summer	SWMH 1	1.001	SWMH 2	0.4	0.436	0.067	0.0166	
60 minute summer	SWMH 2	1.002	J 1	0.4	0.321	0.065	0.0017	
60 minute summer	SWMH 11	5.001	J 11	1.0	0.493	0.164	0.0068	
60 minute summer	J 12	5.003	SWMH 14	1.5	0.614	0.246	0.0062	
60 minute summer	J 11	5.002	J 12	1.3	0.552	0.212	0.0038	
60 minute summer	RWP 9	9.000	SWMH 14	0.4	0.292	0.031	0.0045	
60 minute summer	RWP 7	5.000	SWMH 11	0.6	0.409	0.099	0.0098	
60 minute summer	RWP 2	2.000	J 1	0.5	0.894	0.022	0.0016	
60 minute summer	SOAK 1	1.007	SOAK 2	8.3	0.881	0.459	0.0394	
60 minute summer	RWP 6	6.000	SWMH 11	0.4	0.350	0.031	0.0018	
60 minute summer	RWP 5	8.000	J 12	0.2	0.180	0.012	0.0023	
60 minute summer	RWP 3	3.000	J 2	0.8	0.923	0.033	0.0030	
60 minute summer	RWP 8	7.000	J 11	0.3	0.291	0.016	0.0013	
60 minute summer	RWP 1	1.000	SWMH 1	0.4	0.433	0.066	0.0020	
60 minute summer	J 1	1.003	J 2	0.9	0.425	0.141	0.0189	
60 minute summer	J 2	1.004	J 3	1.6	0.556	0.268	0.0211	
60 minute summer	J 3	1.005	SWMH 5	2.3	0.905	0.384	0.0105	
60 minute summer	ACO 2	11.001	J 4	1.8	0.651	0.116	0.0530	
60 minute summer	J 4	11.002	SWMH 22	3.1	0.754	0.519	0.0402	
60 minute summer	GULLY 1	10.000	SWMH 5	1.6	1.147	0.085	0.0064	
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Results for 5 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	GULLY 3	33	65.912	0.012	1.4	0.0036	0.0000	OK
60 minute summer	SWMH 22	39	65.263	0.205	4.2	0.0326	0.0000	SURCHARGED
60 minute summer	GULLY 2	33	65.913	0.013	1.1	0.0030	0.0000	OK
60 minute summer	RWP 10	33	66.560	0.010	0.7	0.0016	0.0000	OK
60 minute summer	ACO 1	33	66.825	0.025	1.8	0.0339	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	GULLY 3	12.000	J 4	1.4	1.111	0.033	0.0066
60 minute summer	SWMH 22	11.003	SOAK 1	3.7	0.703	0.329	0.0286
60 minute summer	GULLY 2	13.000	SWMH 22	1.1	0.728	0.036	0.0142
60 minute summer	RWP 10	4.000	J 3	0.7	0.989	0.022	0.0028
60 minute summer	ACO 1	11.000	ACO 2	1.8	1.215	0.126	0.0054

Results for 5 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	SWMH 14	64	66.438	0.028	1.3	0.0045	0.0000	OK
120 minute summer	SWMH 5	64	66.155	0.024	4.1	0.0038	0.0000	OK
120 minute summer	SOAK 2	72	65.187	0.279	6.3	1.6055	0.0000	OK
120 minute summer	SWMH 1	64	66.543	0.015	0.3	0.0024	0.0000	OK
120 minute summer	SWMH 2	64	66.367	0.015	0.3	0.0024	0.0000	OK
120 minute summer	SWMH 11	64	66.510	0.024	0.7	0.0038	0.0000	OK
120 minute summer	J 12	64	66.464	0.028	1.0	0.0000	0.0000	OK
120 minute summer	J 11	64	66.479	0.027	0.9	0.0000	0.0000	OK
120 minute summer	RWP 9	64	66.561	0.011	0.3	0.0008	0.0000	OK
120 minute summer	RWP 7	64	66.567	0.017	0.4	0.0023	0.0000	OK
120 minute summer	RWP 2	62	66.558	0.008	0.3	0.0008	0.0000	OK
120 minute summer	SOAK 1	72	65.188	0.257	6.8	0.0000	0.0000	SURCHARGED
120 minute summer	RWP 6	64	66.561	0.011	0.3	0.0008	0.0000	OK
120 minute summer	RWP 5	58	66.556	0.006	0.1	0.0002	0.0000	OK
120 minute summer	RWP 3	64	66.561	0.011	0.6	0.0019	0.0000	OK
120 minute summer	RWP 8	60	66.557	0.007	0.2	0.0005	0.0000	OK
120 minute summer	RWP 1	64	66.565	0.015	0.3	0.0013	0.0000	OK
120 minute summer	J 1	66	66.359	0.021	0.6	0.0000	0.0000	OK
120 minute summer	J 2	64	66.274	0.030	1.2	0.0000	0.0000	OK
120 minute summer	J 3	64	66.209	0.037	1.7	0.0000	0.0000	OK
120 minute summer	ACO 2	64	65.920	0.020	1.3	0.0022	0.0000	OK
120 minute summer	J 4	72	65.194	0.062	2.3	0.0000	0.0000	OK
120 minute summer	GULLY 1	64	66.567	0.017	1.2	0.0061	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	SWMH 14	5.004	SWMH 5	1.3	0.797	0.162	0.0262
120 minute summer	SWMH 5	1.006	SOAK 1	4.1	1.000	0.124	0.0189
120 minute summer	SOAK 2	Infiltration		4.7			
120 minute summer	SWMH 1	1.001	SWMH 2	0.3	0.401	0.049	0.0131
120 minute summer	SWMH 2	1.002	J 1	0.3	0.294	0.046	0.0013
120 minute summer	SWMH 11	5.001	J 11	0.7	0.455	0.116	0.0052
120 minute summer	J 12	5.003	SWMH 14	1.0	0.548	0.165	0.0047
120 minute summer	J 11	5.002	J 12	0.9	0.513	0.149	0.0028
120 minute summer	RWP 9	9.000	SWMH 14	0.3	0.283	0.023	0.0035
120 minute summer	RWP 7	5.000	SWMH 11	0.4	0.366	0.066	0.0075
120 minute summer	RWP 2	2.000	J 1	0.3	0.503	0.013	0.0012
120 minute summer	SOAK 1	1.007	SOAK 2	6.3	0.822	0.351	0.0394
120 minute summer	RWP 6	6.000	SWMH 11	0.3	0.337	0.024	0.0014
120 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0017
120 minute summer	RWP 3	3.000	J 2	0.6	0.543	0.025	0.0023
120 minute summer	RWP 8	7.000	J 11	0.2	0.268	0.011	0.0010
120 minute summer	RWP 1	1.000	SWMH 1	0.3	0.399	0.050	0.0016
120 minute summer	J 1	1.003	J 2	0.6	0.382	0.097	0.0145
120 minute summer	J 2	1.004	J 3	1.2	0.503	0.191	0.0166
120 minute summer	J 3	1.005	SWMH 5	1.6	0.819	0.272	0.0083
120 minute summer	ACO 2	11.001	J 4	1.3	0.612	0.084	0.0347
120 minute summer	J 4	11.002	SWMH 22	2.3	0.703	0.381	0.0332
120 minute summer	GULLY 1	10.000	SWMH 5	1.2	1.065	0.064	0.0051

Results for 5 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	GULLY 3	64	65.910	0.010	1.0	0.0031	0.0000	OK
120 minute summer	SWMH 22	72	65.193	0.135	3.0	0.0214	0.0000	SURCHARGED
120 minute summer	GULLY 2	62	65.910	0.010	0.7	0.0024	0.0000	OK
120 minute summer	RWP 10	62	66.559	0.009	0.5	0.0014	0.0000	OK
120 minute summer	ACO 1	64	66.821	0.021	1.3	0.0286	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	GULLY 3	12.000	J 4	1.0	0.585	0.024	0.0043
120 minute summer	SWMH 22	11.003	SOAK 1	2.9	0.654	0.258	0.0286
120 minute summer	GULLY 2	13.000	SWMH 22	0.7	0.570	0.023	0.0139
120 minute summer	RWP 10	4.000	J 3	0.5	0.394	0.016	0.0022
120 minute summer	ACO 1	11.000	ACO 2	1.3	1.109	0.091	0.0043

Results for 5 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	SWMH 14	100	66.435	0.025	1.0	0.0040	0.0000	OK
180 minute summer	SWMH 5	96	66.152	0.021	3.2	0.0033	0.0000	OK
180 minute summer	SOAK 2	104	65.114	0.206	5.3	1.1839	0.0000	OK
180 minute summer	SWMH 1	92	66.541	0.013	0.2	0.0020	0.0000	OK
180 minute summer	SWMH 2	100	66.364	0.012	0.2	0.0020	0.0000	OK
180 minute summer	SWMH 11	100	66.506	0.020	0.5	0.0031	0.0000	OK
180 minute summer	J 12	100	66.461	0.025	0.8	0.0000	0.0000	OK
180 minute summer	J 11	100	66.475	0.023	0.7	0.0000	0.0000	OK
180 minute summer	RWP 9	96	66.559	0.009	0.2	0.0007	0.0000	OK
180 minute summer	RWP 7	96	66.565	0.015	0.3	0.0020	0.0000	OK
180 minute summer	RWP 2	96	66.558	0.008	0.3	0.0008	0.0000	OK
180 minute summer	SOAK 1	104	65.115	0.184	5.6	0.0000	0.0000	SURCHARGED
180 minute summer	RWP 6	96	66.559	0.009	0.2	0.0007	0.0000	OK
180 minute summer	RWP 5	88	66.556	0.006	0.1	0.0002	0.0000	OK
180 minute summer	RWP 3	92	66.559	0.009	0.4	0.0016	0.0000	OK
180 minute summer	RWP 8	92	66.557	0.007	0.2	0.0005	0.0000	OK
180 minute summer	RWP 1	96	66.563	0.013	0.2	0.0010	0.0000	OK
180 minute summer	J 1	96	66.357	0.019	0.5	0.0000	0.0000	OK
180 minute summer	J 2	96	66.270	0.026	0.9	0.0000	0.0000	OK
180 minute summer	J 3	96	66.205	0.033	1.3	0.0000	0.0000	OK
180 minute summer	ACO 2	96	65.917	0.017	1.0	0.0019	0.0000	OK
180 minute summer	J 4	96	65.171	0.039	1.8	0.0000	0.0000	OK
180 minute summer	GULLY 1	96	66.565	0.015	0.9	0.0053	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	SWMH 14	5.004	SWMH 5	1.0	0.756	0.126	0.0218
180 minute summer	SWMH 5	1.006	SOAK 1	3.2	0.978	0.097	0.0184
180 minute summer	SOAK 2	Infiltration		4.3			
180 minute summer	SWMH 1	1.001	SWMH 2	0.2	0.357	0.033	0.0099
180 minute summer	SWMH 2	1.002	J 1	0.2	0.268	0.033	0.0011
180 minute summer	SWMH 11	5.001	J 11	0.5	0.402	0.083	0.0042
180 minute summer	J 12	5.003	SWMH 14	0.8	0.520	0.133	0.0040
180 minute summer	J 11	5.002	J 12	0.7	0.474	0.116	0.0024
180 minute summer	RWP 9	9.000	SWMH 14	0.2	0.268	0.015	0.0029
180 minute summer	RWP 7	5.000	SWMH 11	0.3	0.363	0.050	0.0059
180 minute summer	RWP 2	2.000	J 1	0.3	0.667	0.013	0.0011
180 minute summer	SOAK 1	1.007	SOAK 2	5.3	0.809	0.294	0.0394
180 minute summer	RWP 6	6.000	SWMH 11	0.2	0.295	0.016	0.0011
180 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0014
180 minute summer	RWP 3	3.000	J 2	0.4	0.643	0.017	0.0019
180 minute summer	RWP 8	7.000	J 11	0.2	0.273	0.011	0.0008
180 minute summer	RWP 1	1.000	SWMH 1	0.2	0.380	0.033	0.0012
180 minute summer	J 1	1.003	J 2	0.5	0.374	0.083	0.0126
180 minute summer	J 2	1.004	J 3	0.9	0.466	0.149	0.0140
180 minute summer	J 3	1.005	SWMH 5	1.3	0.765	0.215	0.0070
180 minute summer	ACO 2	11.001	J 4	1.0	0.561	0.064	0.0218
180 minute summer	J 4	11.002	SWMH 22	1.8	0.660	0.298	0.0140
180 minute summer	GULLY 1	10.000	SWMH 5	0.9	0.954	0.048	0.0042

Results for 5 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	GULLY 3	96	65.909	0.009	0.8	0.0028	0.0000	OK
180 minute summer	SWMH 22	104	65.116	0.058	2.4	0.0092	0.0000	OK
180 minute summer	GULLY 2	96	65.910	0.010	0.6	0.0022	0.0000	OK
180 minute summer	RWP 10	96	66.558	0.008	0.4	0.0012	0.0000	OK
180 minute summer	ACO 1	96	66.818	0.018	1.0	0.0251	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	GULLY 3	12.000	J 4	0.8	0.713	0.019	0.0025
180 minute summer	SWMH 22	11.003	SOAK 1	2.4	0.628	0.212	0.0229
180 minute summer	GULLY 2	13.000	SWMH 22	0.6	0.594	0.020	0.0084
180 minute summer	RWP 10	4.000	J 3	0.4	0.354	0.013	0.0018
180 minute summer	ACO 1	11.000	ACO 2	1.0	1.029	0.070	0.0036

Results for 5 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	SWMH 14	128	66.435	0.025	1.0	0.0040	0.0000	OK
240 minute summer	SWMH 5	124	66.151	0.020	2.9	0.0032	0.0000	OK
240 minute summer	SOAK 2	132	65.060	0.152	4.7	0.8782	0.0000	OK
240 minute summer	SWMH 1	124	66.541	0.013	0.2	0.0020	0.0000	OK
240 minute summer	SWMH 2	128	66.365	0.013	0.2	0.0020	0.0000	OK
240 minute summer	SWMH 11	128	66.506	0.020	0.5	0.0031	0.0000	OK
240 minute summer	J 12	128	66.461	0.025	0.8	0.0000	0.0000	OK
240 minute summer	J 11	128	66.475	0.023	0.7	0.0000	0.0000	OK
240 minute summer	RWP 9	124	66.559	0.009	0.2	0.0007	0.0000	OK
240 minute summer	RWP 7	128	66.565	0.015	0.3	0.0020	0.0000	OK
240 minute summer	RWP 2	116	66.557	0.007	0.2	0.0007	0.0000	OK
240 minute summer	SOAK 1	132	65.061	0.130	4.9	0.0000	0.0000	OK
240 minute summer	RWP 6	124	66.559	0.009	0.2	0.0007	0.0000	OK
240 minute summer	RWP 5	116	66.556	0.006	0.1	0.0002	0.0000	OK
240 minute summer	RWP 3	124	66.559	0.009	0.4	0.0016	0.0000	OK
240 minute summer	RWP 8	124	66.557	0.007	0.2	0.0005	0.0000	OK
240 minute summer	RWP 1	128	66.563	0.013	0.2	0.0010	0.0000	OK
240 minute summer	J 1	128	66.355	0.017	0.4	0.0000	0.0000	OK
240 minute summer	J 2	128	66.269	0.025	0.8	0.0000	0.0000	OK
240 minute summer	J 3	128	66.202	0.030	1.1	0.0000	0.0000	OK
240 minute summer	ACO 2	124	65.916	0.016	0.9	0.0018	0.0000	OK
240 minute summer	J 4	124	65.168	0.036	1.6	0.0000	0.0000	OK
240 minute summer	GULLY 1	124	66.564	0.014	0.8	0.0050	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	SWMH 14	5.004	SWMH 5	1.0	0.766	0.126	0.0213
240 minute summer	SWMH 5	1.006	SOAK 1	2.9	0.964	0.087	0.0182
240 minute summer	SOAK 2	Infiltration		4.0			
240 minute summer	SWMH 1	1.001	SWMH 2	0.2	0.356	0.033	0.0100
240 minute summer	SWMH 2	1.002	J 1	0.2	0.273	0.033	0.0010
240 minute summer	SWMH 11	5.001	J 11	0.5	0.402	0.083	0.0042
240 minute summer	J 12	5.003	SWMH 14	0.8	0.517	0.133	0.0040
240 minute summer	J 11	5.002	J 12	0.7	0.474	0.116	0.0024
240 minute summer	RWP 9	9.000	SWMH 14	0.2	0.285	0.015	0.0029
240 minute summer	RWP 7	5.000	SWMH 11	0.3	0.363	0.050	0.0059
240 minute summer	RWP 2	2.000	J 1	0.2	0.668	0.009	0.0009
240 minute summer	SOAK 1	1.007	SOAK 2	4.7	0.807	0.260	0.0379
240 minute summer	RWP 6	6.000	SWMH 11	0.2	0.295	0.016	0.0011
240 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0014
240 minute summer	RWP 3	3.000	J 2	0.4	0.643	0.017	0.0018
240 minute summer	RWP 8	7.000	J 11	0.2	0.273	0.011	0.0008
240 minute summer	RWP 1	1.000	SWMH 1	0.2	0.380	0.033	0.0012
240 minute summer	J 1	1.003	J 2	0.4	0.335	0.066	0.0113
240 minute summer	J 2	1.004	J 3	0.8	0.459	0.133	0.0126
240 minute summer	J 3	1.005	SWMH 5	1.1	0.723	0.182	0.0063
240 minute summer	ACO 2	11.001	J 4	0.9	0.549	0.057	0.0198
240 minute summer	J 4	11.002	SWMH 22	1.6	0.635	0.259	0.0126
240 minute summer	GULLY 1	10.000	SWMH 5	0.8	0.907	0.042	0.0039

Results for 5 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	GULLY 3	124	65.909	0.009	0.7	0.0026	0.0000	OK
240 minute summer	SWMH 22	124	65.087	0.029	2.1	0.0046	0.0000	OK
240 minute summer	GULLY 2	124	65.909	0.009	0.5	0.0021	0.0000	OK
240 minute summer	RWP 10	120	66.557	0.007	0.3	0.0011	0.0000	OK
240 minute summer	ACO 1	124	66.817	0.017	0.9	0.0238	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	GULLY 3	12.000	J 4	0.7	0.713	0.016	0.0023
240 minute summer	SWMH 22	11.003	SOAK 1	2.1	0.613	0.181	0.0176
240 minute summer	GULLY 2	13.000	SWMH 22	0.5	0.513	0.016	0.0037
240 minute summer	RWP 10	4.000	J 3	0.3	0.333	0.010	0.0016
240 minute summer	ACO 1	11.000	ACO 2	0.9	0.995	0.063	0.0033

Results for 5 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	SWMH 14	200	66.430	0.019	0.6	0.0031	0.0000	OK
360 minute summer	SWMH 5	184	66.148	0.017	2.1	0.0027	0.0000	OK
360 minute summer	SOAK 2	192	64.967	0.059	3.7	0.3400	0.0000	OK
360 minute summer	SWMH 1	152	66.537	0.009	0.1	0.0014	0.0000	OK
360 minute summer	SWMH 2	152	66.361	0.009	0.1	0.0014	0.0000	OK
360 minute summer	SWMH 11	200	66.501	0.015	0.3	0.0024	0.0000	OK
360 minute summer	J 12	184	66.456	0.020	0.5	0.0000	0.0000	OK
360 minute summer	J 11	184	66.470	0.018	0.4	0.0000	0.0000	OK
360 minute summer	RWP 9	152	66.556	0.006	0.1	0.0005	0.0000	OK
360 minute summer	RWP 7	176	66.563	0.013	0.2	0.0017	0.0000	OK
360 minute summer	RWP 2	184	66.557	0.007	0.2	0.0007	0.0000	OK
360 minute summer	SOAK 1	192	64.980	0.049	3.7	0.0000	0.0000	OK
360 minute summer	RWP 6	152	66.556	0.006	0.1	0.0005	0.0000	OK
360 minute summer	RWP 5	176	66.556	0.006	0.1	0.0002	0.0000	OK
360 minute summer	RWP 3	184	66.558	0.008	0.3	0.0014	0.0000	OK
360 minute summer	RWP 8	160	66.555	0.005	0.1	0.0004	0.0000	OK
360 minute summer	RWP 1	160	66.559	0.009	0.1	0.0007	0.0000	OK
360 minute summer	J 1	184	66.353	0.015	0.3	0.0000	0.0000	OK
360 minute summer	J 2	184	66.265	0.021	0.6	0.0000	0.0000	OK
360 minute summer	J 3	184	66.199	0.027	0.9	0.0000	0.0000	OK
360 minute summer	ACO 2	184	65.914	0.014	0.7	0.0016	0.0000	OK
360 minute summer	J 4	184	65.163	0.031	1.2	0.0000	0.0000	OK
360 minute summer	GULLY 1	184	66.562	0.012	0.6	0.0044	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	
360 minute summer	SWMH 14	5.004	SWMH 5	0.6	0.664	0.075	0.0155	
360 minute summer	SWMH 5	1.006	SOAK 1	2.1	0.942	0.063	0.0094	
360 minute summer	SOAK 2	Infiltration		3.5				
360 minute summer	SWMH 1	1.001	SWMH 2	0.1	0.345	0.017	0.0061	
360 minute summer	SWMH 2	1.002	J 1	0.1	0.224	0.017	0.0007	
360 minute summer	SWMH 11	5.001	J 11	0.3	0.356	0.050	0.0028	
360 minute summer	J 12	5.003	SWMH 14	0.5	0.465	0.083	0.0028	
360 minute summer	J 11	5.002	J 12	0.4	0.397	0.066	0.0017	
360 minute summer	RWP 9	9.000	SWMH 14	0.1	0.261	0.008	0.0020	
360 minute summer	RWP 7	5.000	SWMH 11	0.2	0.305	0.033	0.0042	
360 minute summer	RWP 2	2.000	J 1	0.2	0.459	0.009	0.0008	
360 minute summer	SOAK 1	1.007	SOAK 2	3.7	0.793	0.203	0.0128	
360 minute summer	RWP 6	6.000	SWMH 11	0.1	0.269	0.008	0.0007	
360 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0011	
360 minute summer	RWP 3	3.000	J 2	0.3	0.442	0.012	0.0015	
360 minute summer	RWP 8	7.000	J 11	0.1	0.237	0.005	0.0006	
360 minute summer	RWP 1	1.000	SWMH 1	0.1	0.294	0.017	0.0008	
360 minute summer	J 1	1.003	J 2	0.3	0.308	0.050	0.0092	
360 minute summer	J 2	1.004	J 3	0.6	0.425	0.099	0.0107	
360 minute summer	J 3	1.005	SWMH 5	0.9	0.694	0.148	0.0053	
360 minute summer	ACO 2	11.001	J 4	0.7	0.522	0.045	0.0162	
360 minute summer	J 4	11.002	SWMH 22	1.2	0.589	0.197	0.0103	
360 minute summer	GULLY 1	10.000	SWMH 5	0.6	0.844	0.032	0.0032	

Results for 5 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	GULLY 3	184	65.908	0.008	0.5	0.0022	0.0000	OK
360 minute summer	SWMH 22	184	65.083	0.025	1.6	0.0040	0.0000	OK
360 minute summer	GULLY 2	184	65.908	0.008	0.4	0.0018	0.0000	OK
360 minute summer	RWP 10	184	66.557	0.007	0.3	0.0011	0.0000	OK
360 minute summer	ACO 1	184	66.815	0.015	0.7	0.0210	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	GULLY 3	12.000	J 4	0.5	0.505	0.012	0.0019
360 minute summer	SWMH 22	11.003	SOAK 1	1.6	0.620	0.140	0.0097
360 minute summer	GULLY 2	13.000	SWMH 22	0.4	0.484	0.013	0.0031
360 minute summer	RWP 10	4.000	J 3	0.3	0.334	0.010	0.0014
360 minute summer	ACO 1	11.000	ACO 2	0.7	0.927	0.049	0.0028

Results for 5 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	SWMH 14	256	66.430	0.020	0.6	0.0031	0.0000	OK
480 minute summer	SWMH 5	248	66.146	0.015	1.7	0.0024	0.0000	OK
480 minute summer	SOAK 2	248	64.951	0.043	3.0	0.2492	0.0000	OK
480 minute summer	SWMH 1	208	66.537	0.009	0.1	0.0014	0.0000	OK
480 minute summer	SWMH 2	208	66.361	0.009	0.1	0.0014	0.0000	OK
480 minute summer	SWMH 11	256	66.501	0.015	0.3	0.0024	0.0000	OK
480 minute summer	J 12	248	66.456	0.020	0.5	0.0000	0.0000	OK
480 minute summer	J 11	248	66.470	0.018	0.4	0.0000	0.0000	OK
480 minute summer	RWP 9	208	66.556	0.006	0.1	0.0005	0.0000	OK
480 minute summer	RWP 7	240	66.563	0.013	0.2	0.0017	0.0000	OK
480 minute summer	RWP 2	200	66.555	0.005	0.1	0.0005	0.0000	OK
480 minute summer	SOAK 1	248	64.973	0.042	3.0	0.0000	0.0000	OK
480 minute summer	RWP 6	208	66.556	0.006	0.1	0.0005	0.0000	OK
480 minute summer	RWP 5	240	66.556	0.006	0.1	0.0002	0.0000	OK
480 minute summer	RWP 3	224	66.557	0.007	0.2	0.0011	0.0000	OK
480 minute summer	RWP 8	216	66.555	0.005	0.1	0.0004	0.0000	OK
480 minute summer	RWP 1	216	66.559	0.009	0.1	0.0007	0.0000	OK
480 minute summer	J 1	208	66.350	0.012	0.2	0.0000	0.0000	OK
480 minute summer	J 2	232	66.261	0.017	0.4	0.0000	0.0000	OK
480 minute summer	J 3	264	66.194	0.022	0.6	0.0000	0.0000	OK
480 minute summer	ACO 2	248	65.914	0.014	0.6	0.0015	0.0000	OK
480 minute summer	J 4	248	65.160	0.028	1.0	0.0000	0.0000	OK
480 minute summer	GULLY 1	248	66.561	0.011	0.5	0.0040	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	SWMH 14	5.004	SWMH 5	0.6	0.669	0.075	0.0148
480 minute summer	SWMH 5	1.006	SOAK 1	1.7	0.929	0.051	0.0079
480 minute summer	SOAK 2	Infiltration		3.0			
480 minute summer	SWMH 1	1.001	SWMH 2	0.1	0.345	0.017	0.0061
480 minute summer	SWMH 2	1.002	J 1	0.1	0.224	0.017	0.0006
480 minute summer	SWMH 11	5.001	J 11	0.3	0.356	0.050	0.0028
480 minute summer	J 12	5.003	SWMH 14	0.5	0.460	0.083	0.0028
480 minute summer	J 11	5.002	J 12	0.4	0.397	0.066	0.0017
480 minute summer	RWP 9	9.000	SWMH 14	0.1	0.261	0.008	0.0020
480 minute summer	RWP 7	5.000	SWMH 11	0.2	0.305	0.033	0.0042
480 minute summer	RWP 2	2.000	J 1	0.1	0.459	0.004	0.0006
480 minute summer	SOAK 1	1.007	SOAK 2	3.0	0.788	0.167	0.0092
480 minute summer	RWP 6	6.000	SWMH 11	0.1	0.269	0.008	0.0007
480 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0011
480 minute summer	RWP 3	3.000	J 2	0.2	0.442	0.008	0.0011
480 minute summer	RWP 8	7.000	J 11	0.1	0.237	0.005	0.0006
480 minute summer	RWP 1	1.000	SWMH 1	0.1	0.294	0.017	0.0008
480 minute summer	J 1	1.003	J 2	0.2	0.307	0.033	0.0069
480 minute summer	J 2	1.004	J 3	0.4	0.385	0.066	0.0080
480 minute summer	J 3	1.005	SWMH 5	0.6	0.613	0.099	0.0042
480 minute summer	ACO 2	11.001	J 4	0.6	0.509	0.039	0.0144
480 minute summer	J 4	11.002	SWMH 22	1.0	0.562	0.166	0.0091
480 minute summer	GULLY 1	10.000	SWMH 5	0.5	0.810	0.027	0.0028

Results for 5 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	GULLY 3	240	65.907	0.007	0.4	0.0020	0.0000	OK
480 minute summer	SWMH 22	248	65.081	0.023	1.3	0.0036	0.0000	OK
480 minute summer	GULLY 2	240	65.907	0.007	0.3	0.0016	0.0000	OK
480 minute summer	RWP 10	232	66.556	0.006	0.2	0.0009	0.0000	OK
480 minute summer	ACO 1	248	66.814	0.014	0.6	0.0195	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	GULLY 3	12.000	J 4	0.4	0.470	0.009	0.0016
480 minute summer	SWMH 22	11.003	SOAK 1	1.3	0.593	0.115	0.0081
480 minute summer	GULLY 2	13.000	SWMH 22	0.3	0.430	0.010	0.0027
480 minute summer	RWP 10	4.000	J 3	0.2	0.303	0.006	0.0011
480 minute summer	ACO 1	11.000	ACO 2	0.6	0.887	0.042	0.0025

Results for 5 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	SWMH 14	315	66.428	0.018	0.5	0.0028	0.0000	OK
600 minute summer	SWMH 5	315	66.145	0.014	1.5	0.0023	0.0000	OK
600 minute summer	SOAK 2	315	64.947	0.039	2.7	0.2243	0.0000	OK
600 minute summer	SWMH 1	300	66.537	0.009	0.1	0.0014	0.0000	OK
600 minute summer	SWMH 2	300	66.361	0.009	0.1	0.0014	0.0000	OK
600 minute summer	SWMH 11	315	66.501	0.015	0.3	0.0024	0.0000	OK
600 minute summer	J 12	315	66.454	0.018	0.4	0.0000	0.0000	OK
600 minute summer	J 11	315	66.470	0.018	0.4	0.0000	0.0000	OK
600 minute summer	RWP 9	285	66.556	0.006	0.1	0.0005	0.0000	OK
600 minute summer	RWP 7	315	66.563	0.013	0.2	0.0017	0.0000	OK
600 minute summer	RWP 2	270	66.555	0.005	0.1	0.0005	0.0000	OK
600 minute summer	SOAK 1	315	64.970	0.039	2.7	0.0000	0.0000	OK
600 minute summer	RWP 6	285	66.556	0.006	0.1	0.0005	0.0000	OK
600 minute summer	RWP 5	15	66.550	0.000	0.0	0.0000	0.0000	OK
600 minute summer	RWP 3	300	66.557	0.007	0.2	0.0011	0.0000	OK
600 minute summer	RWP 8	285	66.555	0.005	0.1	0.0004	0.0000	OK
600 minute summer	RWP 1	285	66.559	0.009	0.1	0.0007	0.0000	OK
600 minute summer	J 1	285	66.350	0.012	0.2	0.0000	0.0000	OK
600 minute summer	J 2	300	66.261	0.017	0.4	0.0000	0.0000	OK
600 minute summer	J 3	315	66.194	0.022	0.6	0.0000	0.0000	OK
600 minute summer	ACO 2	315	65.912	0.012	0.5	0.0014	0.0000	OK
600 minute summer	J 4	315	65.159	0.027	0.9	0.0000	0.0000	OK
600 minute summer	GULLY 1	315	66.560	0.010	0.4	0.0036	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	SWMH 14	5.004	SWMH 5	0.5	0.616	0.063	0.0132
600 minute summer	SWMH 5	1.006	SOAK 1	1.5	0.890	0.045	0.0072
600 minute summer	SOAK 2	Infiltration		2.7			
600 minute summer	SWMH 1	1.001	SWMH 2	0.1	0.290	0.017	0.0061
600 minute summer	SWMH 2	1.002	J 1	0.1	0.224	0.017	0.0006
600 minute summer	SWMH 11	5.001	J 11	0.3	0.359	0.050	0.0028
600 minute summer	J 12	5.003	SWMH 14	0.4	0.427	0.066	0.0024
600 minute summer	J 11	5.002	J 12	0.4	0.430	0.066	0.0015
600 minute summer	RWP 9	9.000	SWMH 14	0.1	0.216	0.008	0.0018
600 minute summer	RWP 7	5.000	SWMH 11	0.2	0.305	0.033	0.0042
600 minute summer	RWP 2	2.000	J 1	0.1	0.436	0.004	0.0006
600 minute summer	SOAK 1	1.007	SOAK 2	2.7	0.781	0.150	0.0082
600 minute summer	RWP 6	6.000	SWMH 11	0.1	0.269	0.008	0.0007
600 minute summer	RWP 5	8.000	J 12	0.0	0.000	0.000	0.0008
600 minute summer	RWP 3	3.000	J 2	0.2	0.447	0.008	0.0011
600 minute summer	RWP 8	7.000	J 11	0.1	0.239	0.005	0.0006
600 minute summer	RWP 1	1.000	SWMH 1	0.1	0.286	0.017	0.0008
600 minute summer	J 1	1.003	J 2	0.2	0.304	0.033	0.0069
600 minute summer	J 2	1.004	J 3	0.4	0.386	0.066	0.0080
600 minute summer	J 3	1.005	SWMH 5	0.6	0.607	0.099	0.0041
600 minute summer	ACO 2	11.001	J 4	0.5	0.466	0.032	0.0132
600 minute summer	J 4	11.002	SWMH 22	0.9	0.546	0.149	0.0085
600 minute summer	GULLY 1	10.000	SWMH 5	0.4	0.733	0.021	0.0025

Results for 5 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	GULLY 3	315	65.907	0.007	0.4	0.0020	0.0000	OK
600 minute summer	SWMH 22	315	65.080	0.022	1.2	0.0035	0.0000	OK
600 minute summer	GULLY 2	315	65.907	0.007	0.3	0.0016	0.0000	OK
600 minute summer	RWP 10	315	66.556	0.006	0.2	0.0009	0.0000	OK
600 minute summer	ACO 1	315	66.813	0.013	0.5	0.0178	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	GULLY 3	12.000	J 4	0.4	0.468	0.009	0.0015
600 minute summer	SWMH 22	11.003	SOAK 1	1.2	0.591	0.106	0.0075
600 minute summer	GULLY 2	13.000	SWMH 22	0.3	0.429	0.010	0.0026
600 minute summer	RWP 10	4.000	J 3	0.2	0.310	0.006	0.0011
600 minute summer	ACO 1	11.000	ACO 2	0.5	0.841	0.035	0.0022

Results for 5 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	SWMH 14	405	66.426	0.016	0.4	0.0025	0.0000	OK
720 minute summer	SWMH 5	375	66.145	0.014	1.4	0.0022	0.0000	OK
720 minute summer	SOAK 2	375	64.941	0.033	2.3	0.1911	0.0000	OK
720 minute summer	SWMH 1	360	66.537	0.009	0.1	0.0014	0.0000	OK
720 minute summer	SWMH 2	360	66.361	0.009	0.1	0.0014	0.0000	OK
720 minute summer	SWMH 11	345	66.498	0.012	0.2	0.0020	0.0000	OK
720 minute summer	J 12	375	66.451	0.015	0.3	0.0000	0.0000	OK
720 minute summer	J 11	375	66.467	0.015	0.3	0.0000	0.0000	OK
720 minute summer	RWP 9	345	66.556	0.006	0.1	0.0005	0.0000	OK
720 minute summer	RWP 7	300	66.559	0.009	0.1	0.0012	0.0000	OK
720 minute summer	RWP 2	330	66.555	0.005	0.1	0.0005	0.0000	OK
720 minute summer	SOAK 1	375	64.967	0.036	2.3	0.0000	0.0000	OK
720 minute summer	RWP 6	345	66.556	0.006	0.1	0.0005	0.0000	OK
720 minute summer	RWP 5	15	66.550	0.000	0.0	0.0000	0.0000	OK
720 minute summer	RWP 3	360	66.557	0.007	0.2	0.0011	0.0000	OK
720 minute summer	RWP 8	345	66.555	0.005	0.1	0.0004	0.0000	OK
720 minute summer	RWP 1	345	66.559	0.009	0.1	0.0007	0.0000	OK
720 minute summer	J 1	345	66.350	0.012	0.2	0.0000	0.0000	OK
720 minute summer	J 2	360	66.261	0.017	0.4	0.0000	0.0000	OK
720 minute summer	J 3	375	66.194	0.022	0.6	0.0000	0.0000	OK
720 minute summer	ACO 2	375	65.911	0.011	0.4	0.0012	0.0000	OK
720 minute summer	J 4	375	65.155	0.023	0.7	0.0000	0.0000	OK
720 minute summer	GULLY 1	375	66.560	0.010	0.4	0.0036	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	SWMH 14	5.004	SWMH 5	0.4	0.588	0.050	0.0117
720 minute summer	SWMH 5	1.006	SOAK 1	1.4	0.913	0.042	0.0066
720 minute summer	SOAK 2	Infiltration		2.3			
720 minute summer	SWMH 1	1.001	SWMH 2	0.1	0.290	0.017	0.0061
720 minute summer	SWMH 2	1.002	J 1	0.1	0.224	0.017	0.0006
720 minute summer	SWMH 11	5.001	J 11	0.2	0.306	0.033	0.0022
720 minute summer	J 12	5.003	SWMH 14	0.3	0.389	0.050	0.0020
720 minute summer	J 11	5.002	J 12	0.3	0.397	0.050	0.0012
720 minute summer	RWP 9	9.000	SWMH 14	0.1	0.216	0.008	0.0016
720 minute summer	RWP 7	5.000	SWMH 11	0.1	0.287	0.017	0.0029
720 minute summer	RWP 2	2.000	J 1	0.1	0.436	0.004	0.0006
720 minute summer	SOAK 1	1.007	SOAK 2	2.3	0.781	0.128	0.0069
720 minute summer	RWP 6	6.000	SWMH 11	0.1	0.269	0.008	0.0006
720 minute summer	RWP 5	8.000	J 12	0.0	0.000	0.000	0.0006
720 minute summer	RWP 3	3.000	J 2	0.2	0.445	0.008	0.0011
720 minute summer	RWP 8	7.000	J 11	0.1	0.239	0.005	0.0005
720 minute summer	RWP 1	1.000	SWMH 1	0.1	0.286	0.017	0.0008
720 minute summer	J 1	1.003	J 2	0.2	0.304	0.033	0.0069
720 minute summer	J 2	1.004	J 3	0.4	0.386	0.066	0.0080
720 minute summer	J 3	1.005	SWMH 5	0.6	0.617	0.099	0.0040
720 minute summer	ACO 2	11.001	J 4	0.4	0.444	0.026	0.0111
720 minute summer	J 4	11.002	SWMH 22	0.7	0.508	0.116	0.0071
720 minute summer	GULLY 1	10.000	SWMH 5	0.4	0.748	0.021	0.0024

Results for 5 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	GULLY 3	360	65.906	0.006	0.3	0.0018	0.0000	OK
720 minute summer	SWMH 22	375	65.077	0.019	0.9	0.0030	0.0000	OK
720 minute summer	GULLY 2	345	65.906	0.006	0.2	0.0013	0.0000	OK
720 minute summer	RWP 10	375	66.556	0.006	0.2	0.0009	0.0000	OK
720 minute summer	ACO 1	375	66.812	0.012	0.4	0.0160	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	GULLY 3	12.000	J 4	0.3	0.462	0.007	0.0013
720 minute summer	SWMH 22	11.003	SOAK 1	0.9	0.511	0.079	0.0066
720 minute summer	GULLY 2	13.000	SWMH 22	0.2	0.410	0.007	0.0021
720 minute summer	RWP 10	4.000	J 3	0.2	0.304	0.006	0.0011
720 minute summer	ACO 1	11.000	ACO 2	0.4	0.786	0.028	0.0019

Results for 5 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	SWMH 14	510	66.426	0.016	0.4	0.0025	0.0000	OK
960 minute summer	SWMH 5	495	66.144	0.013	1.2	0.0021	0.0000	OK
960 minute summer	SOAK 2	495	64.937	0.029	2.0	0.1661	0.0000	OK
960 minute summer	SWMH 1	480	66.537	0.009	0.1	0.0014	0.0000	OK
960 minute summer	SWMH 2	480	66.361	0.009	0.1	0.0014	0.0000	OK
960 minute summer	SWMH 11	525	66.499	0.013	0.2	0.0020	0.0000	OK
960 minute summer	J 12	495	66.451	0.015	0.3	0.0000	0.0000	OK
960 minute summer	J 11	495	66.467	0.015	0.3	0.0000	0.0000	OK
960 minute summer	RWP 9	465	66.556	0.006	0.1	0.0005	0.0000	OK
960 minute summer	RWP 7	420	66.559	0.009	0.1	0.0012	0.0000	OK
960 minute summer	RWP 2	450	66.555	0.005	0.1	0.0005	0.0000	OK
960 minute summer	SOAK 1	495	64.965	0.034	2.0	0.0000	0.0000	OK
960 minute summer	RWP 6	465	66.556	0.006	0.1	0.0005	0.0000	OK
960 minute summer	RWP 5	15	66.550	0.000	0.0	0.0000	0.0000	OK
960 minute summer	RWP 3	495	66.557	0.007	0.2	0.0011	0.0000	OK
960 minute summer	RWP 8	480	66.555	0.005	0.1	0.0004	0.0000	OK
960 minute summer	RWP 1	465	66.559	0.009	0.1	0.0007	0.0000	OK
960 minute summer	J 1	465	66.350	0.012	0.2	0.0000	0.0000	OK
960 minute summer	J 2	495	66.261	0.017	0.4	0.0000	0.0000	OK
960 minute summer	J 3	495	66.193	0.021	0.5	0.0000	0.0000	OK
960 minute summer	ACO 2	465	65.910	0.010	0.3	0.0011	0.0000	OK
960 minute summer	J 4	495	65.154	0.022	0.6	0.0000	0.0000	OK
960 minute summer	GULLY 1	480	66.559	0.009	0.3	0.0032	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	SWMH 14	5.004	SWMH 5	0.4	0.588	0.050	0.0112
960 minute summer	SWMH 5	1.006	SOAK 1	1.2	0.866	0.036	0.0060
960 minute summer	SOAK 2	Infiltration		2.0			
960 minute summer	SWMH 1	1.001	SWMH 2	0.1	0.290	0.017	0.0061
960 minute summer	SWMH 2	1.002	J 1	0.1	0.224	0.017	0.0006
960 minute summer	SWMH 11	5.001	J 11	0.2	0.350	0.033	0.0022
960 minute summer	J 12	5.003	SWMH 14	0.3	0.385	0.050	0.0020
960 minute summer	J 11	5.002	J 12	0.3	0.397	0.050	0.0012
960 minute summer	RWP 9	9.000	SWMH 14	0.1	0.249	0.008	0.0016
960 minute summer	RWP 7	5.000	SWMH 11	0.1	0.287	0.017	0.0029
960 minute summer	RWP 2	2.000	J 1	0.1	0.436	0.004	0.0006
960 minute summer	SOAK 1	1.007	SOAK 2	2.0	0.779	0.111	0.0060
960 minute summer	RWP 6	6.000	SWMH 11	0.1	0.269	0.008	0.0006
960 minute summer	RWP 5	8.000	J 12	0.0	0.000	0.000	0.0006
960 minute summer	RWP 3	3.000	J 2	0.2	0.445	0.008	0.0011
960 minute summer	RWP 8	7.000	J 11	0.1	0.237	0.005	0.0005
960 minute summer	RWP 1	1.000	SWMH 1	0.1	0.286	0.017	0.0008
960 minute summer	J 1	1.003	J 2	0.2	0.307	0.033	0.0069
960 minute summer	J 2	1.004	J 3	0.4	0.387	0.066	0.0075
960 minute summer	J 3	1.005	SWMH 5	0.5	0.580	0.083	0.0036
960 minute summer	ACO 2	11.001	J 4	0.3	0.419	0.019	0.0097
960 minute summer	J 4	11.002	SWMH 22	0.6	0.487	0.099	0.0063
960 minute summer	GULLY 1	10.000	SWMH 5	0.3	0.733	0.016	0.0021

Results for 5 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	GULLY 3	495	65.906	0.006	0.3	0.0018	0.0000	OK
960 minute summer	SWMH 22	495	65.076	0.018	0.8	0.0029	0.0000	OK
960 minute summer	GULLY 2	465	65.906	0.006	0.2	0.0013	0.0000	OK
960 minute summer	RWP 10	405	66.554	0.004	0.1	0.0006	0.0000	OK
960 minute summer	ACO 1	465	66.810	0.010	0.3	0.0140	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	GULLY 3	12.000	J 4	0.3	0.462	0.007	0.0011
960 minute summer	SWMH 22	11.003	SOAK 1	0.8	0.507	0.071	0.0060
960 minute summer	GULLY 2	13.000	SWMH 22	0.2	0.410	0.007	0.0019
960 minute summer	RWP 10	4.000	J 3	0.1	0.304	0.003	0.0009
960 minute summer	ACO 1	11.000	ACO 2	0.3	0.722	0.021	0.0015

Results for 5 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	SWMH 14	750	66.424	0.014	0.3	0.0022	0.0000	OK
1440 minute summer	SWMH 5	750	66.142	0.011	0.9	0.0018	0.0000	OK
1440 minute summer	SOAK 2	750	64.930	0.022	1.5	0.1246	0.0000	OK
1440 minute summer	SWMH 1	750	66.537	0.009	0.1	0.0014	0.0000	OK
1440 minute summer	SWMH 2	750	66.361	0.009	0.1	0.0014	0.0000	OK
1440 minute summer	SWMH 11	750	66.499	0.013	0.2	0.0020	0.0000	OK
1440 minute summer	J 12	750	66.449	0.013	0.2	0.0000	0.0000	OK
1440 minute summer	J 11	750	66.465	0.013	0.2	0.0000	0.0000	OK
1440 minute summer	RWP 9	750	66.556	0.006	0.1	0.0005	0.0000	OK
1440 minute summer	RWP 7	690	66.559	0.009	0.1	0.0012	0.0000	OK
1440 minute summer	RWP 2	720	66.555	0.005	0.1	0.0005	0.0000	OK
1440 minute summer	SOAK 1	750	64.960	0.029	1.5	0.0000	0.0000	OK
1440 minute summer	RWP 6	750	66.556	0.006	0.1	0.0005	0.0000	OK
1440 minute summer	RWP 5	30	66.550	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	RWP 3	630	66.555	0.005	0.1	0.0008	0.0000	OK
1440 minute summer	RWP 8	30	66.550	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	RWP 1	750	66.559	0.009	0.1	0.0007	0.0000	OK
1440 minute summer	J 1	750	66.350	0.012	0.2	0.0000	0.0000	OK
1440 minute summer	J 2	750	66.259	0.015	0.3	0.0000	0.0000	OK
1440 minute summer	J 3	750	66.191	0.018	0.4	0.0000	0.0000	OK
1440 minute summer	ACO 2	750	65.910	0.010	0.3	0.0011	0.0000	OK
1440 minute summer	J 4	750	65.152	0.020	0.5	0.0000	0.0000	OK
1440 minute summer	GULLY 1	690	66.557	0.007	0.2	0.0026	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	
1440 minute summer	SWMH 14	5.004	SWMH 5	0.3	0.529	0.038	0.0092	
1440 minute summer	SWMH 5	1.006	SOAK 1	0.9	0.793	0.027	0.0049	
1440 minute summer	SOAK 2	Infiltration		1.5				
1440 minute summer	SWMH 1	1.001	SWMH 2	0.1	0.290	0.017	0.0061	
1440 minute summer	SWMH 2	1.002	J 1	0.1	0.224	0.017	0.0006	
1440 minute summer	SWMH 11	5.001	J 11	0.2	0.352	0.033	0.0019	
1440 minute summer	J 12	5.003	SWMH 14	0.2	0.329	0.033	0.0016	
1440 minute summer	J 11	5.002	J 12	0.2	0.353	0.033	0.0009	
1440 minute summer	RWP 9	9.000	SWMH 14	0.1	0.247	0.008	0.0013	
1440 minute summer	RWP 7	5.000	SWMH 11	0.1	0.287	0.017	0.0029	
1440 minute summer	RWP 2	2.000	J 1	0.1	0.429	0.004	0.0006	
1440 minute summer	SOAK 1	1.007	SOAK 2	1.5	0.767	0.083	0.0044	
1440 minute summer	RWP 6	6.000	SWMH 11	0.1	0.266	0.008	0.0006	
1440 minute summer	RWP 5	8.000	J 12	0.0	0.000	0.000	0.0005	
1440 minute summer	RWP 3	3.000	J 2	0.1	0.438	0.004	0.0009	
1440 minute summer	RWP 8	7.000	J 11	0.0	0.000	0.000	0.0003	
1440 minute summer	RWP 1	1.000	SWMH 1	0.1	0.287	0.017	0.0008	
1440 minute summer	J 1	1.003	J 2	0.2	0.307	0.033	0.0061	
1440 minute summer	J 2	1.004	J 3	0.3	0.346	0.050	0.0063	
1440 minute summer	J 3	1.005	SWMH 5	0.4	0.550	0.066	0.0030	
1440 minute summer	ACO 2	11.001	J 4	0.3	0.419	0.019	0.0088	
1440 minute summer	J 4	11.002	SWMH 22	0.5	0.462	0.083	0.0056	
1440 minute summer	GULLY 1	10.000	SWMH 5	0.2	0.724	0.011	0.0016	

Results for 5 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	GULLY 3	720	65.905	0.005	0.2	0.0015	0.0000	OK
1440 minute summer	SWMH 22	750	65.074	0.016	0.6	0.0025	0.0000	OK
1440 minute summer	GULLY 2	600	65.904	0.004	0.1	0.0010	0.0000	OK
1440 minute summer	RWP 10	660	66.554	0.004	0.1	0.0006	0.0000	OK
1440 minute summer	ACO 1	750	66.810	0.010	0.3	0.0140	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	GULLY 3	12.000	J 4	0.2	0.413	0.005	0.0010
1440 minute summer	SWMH 22	11.003	SOAK 1	0.6	0.461	0.053	0.0049
1440 minute summer	GULLY 2	13.000	SWMH 22	0.1	0.358	0.003	0.0015
1440 minute summer	RWP 10	4.000	J 3	0.1	0.303	0.003	0.0008
1440 minute summer	ACO 1	11.000	ACO 2	0.3	0.722	0.021	0.0015

Results for 10 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	SWMH 14	11	66.453	0.043	2.8	0.0069	0.0000	OK
15 minute summer	SWMH 5	11	66.166	0.035	8.9	0.0056	0.0000	OK
15 minute summer	SOAK 2	15	65.329	0.421	11.9	2.4267	0.0000	OK
15 minute summer	SWMH 1	10	66.549	0.021	0.6	0.0034	0.0000	OK
15 minute summer	SWMH 2	12	66.375	0.023	0.6	0.0037	0.0000	OK
15 minute summer	SWMH 11	11	66.522	0.036	1.5	0.0057	0.0000	OK
15 minute summer	J 12	11	66.481	0.045	2.3	0.0000	0.0000	OK
15 minute summer	J 11	11	66.494	0.042	2.0	0.0000	0.0000	OK
15 minute summer	RWP 9	10	66.564	0.014	0.6	0.0011	0.0000	OK
15 minute summer	RWP 7	10	66.577	0.027	1.0	0.0036	0.0000	OK
15 minute summer	RWP 2	10	66.562	0.012	0.7	0.0012	0.0000	OK
15 minute summer	SOAK 1	15	65.331	0.400	13.2	0.0000	0.0000	SURCHARGED
15 minute summer	RWP 6	10	66.565	0.015	0.6	0.0012	0.0000	OK
15 minute summer	RWP 5	11	66.560	0.010	0.3	0.0004	0.0000	OK
15 minute summer	RWP 3	10	66.566	0.016	1.3	0.0027	0.0000	OK
15 minute summer	RWP 8	11	66.561	0.011	0.5	0.0008	0.0000	OK
15 minute summer	RWP 1	11	66.572	0.022	0.6	0.0018	0.0000	OK
15 minute summer	J 1	11	66.369	0.031	1.3	0.0000	0.0000	OK
15 minute summer	J 2	11	66.289	0.045	2.5	0.0000	0.0000	OK
15 minute summer	J 3	11	66.229	0.057	3.6	0.0000	0.0000	OK
15 minute summer	ACO 2	10	65.929	0.029	2.8	0.0032	0.0000	OK
15 minute summer	J 4	15	65.339	0.207	5.0	0.0000	0.0000	SURCHARGED
15 minute summer	GULLY 1	10	66.575	0.025	2.6	0.0089	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	SWMH 14	5.004	SWMH 5	2.8	0.993	0.355	0.0461
15 minute summer	SWMH 5	1.006	SOAK 1	8.9	1.459	0.268	0.0210
15 minute summer	SOAK 2	Infiltration		5.4			
15 minute summer	SWMH 1	1.001	SWMH 2	0.6	0.503	0.100	0.0226
15 minute summer	SWMH 2	1.002	J 1	0.6	0.348	0.097	0.0023
15 minute summer	SWMH 11	5.001	J 11	1.5	0.537	0.248	0.0095
15 minute summer	J 12	5.003	SWMH 14	2.3	0.691	0.383	0.0086
15 minute summer	J 11	5.002	J 12	2.0	0.615	0.333	0.0053
15 minute summer	RWP 9	9.000	SWMH 14	0.6	0.661	0.045	0.0060
15 minute summer	RWP 7	5.000	SWMH 11	1.0	0.460	0.161	0.0136
15 minute summer	RWP 2	2.000	J 1	0.7	0.888	0.031	0.0021
15 minute summer	SOAK 1	1.007	SOAK 2	11.9	1.147	0.664	0.0394
15 minute summer	RWP 6	6.000	SWMH 11	0.6	0.409	0.046	0.0024
15 minute summer	RWP 5	8.000	J 12	0.3	0.256	0.019	0.0031
15 minute summer	RWP 3	3.000	J 2	1.3	0.923	0.053	0.0040
15 minute summer	RWP 8	7.000	J 11	0.5	0.743	0.026	0.0018
15 minute summer	RWP 1	1.000	SWMH 1	0.6	0.484	0.099	0.0027
15 minute summer	J 1	1.003	J 2	1.3	0.471	0.207	0.0254
15 minute summer	J 2	1.004	J 3	2.5	0.619	0.408	0.0287
15 minute summer	J 3	1.005	SWMH 5	3.5	1.011	0.587	0.0143
15 minute summer	ACO 2	11.001	J 4	2.8	0.713	0.178	0.0571
15 minute summer	J 4	11.002	SWMH 22	4.9	0.832	0.804	0.0402
15 minute summer	GULLY 1	10.000	SWMH 5	2.6	1.388	0.138	0.0088

Results for 10 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	GULLY 3	10	65.915	0.015	2.2	0.0045	0.0000	OK
15 minute summer	SWMH 22	15	65.336	0.278	6.5	0.0441	0.0000	SURCHARGED
15 minute summer	GULLY 2	10	65.916	0.016	1.7	0.0037	0.0000	OK
15 minute summer	RWP 10	10	66.563	0.013	1.1	0.0020	0.0000	OK
15 minute summer	ACO 1	10	66.831	0.031	2.8	0.0427	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	GULLY 3	12.000	J 4	2.2	0.868	0.052	0.0068
15 minute summer	SWMH 22	11.003	SOAK 1	5.8	0.871	0.513	0.0286
15 minute summer	GULLY 2	13.000	SWMH 22	1.7	0.809	0.055	0.0145
15 minute summer	RWP 10	4.000	J 3	1.1	0.988	0.035	0.0037
15 minute summer	ACO 1	11.000	ACO 2	2.8	1.368	0.195	0.0075

Results for 10 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	SWMH 14	19	66.452	0.042	2.7	0.0067	0.0000	OK
30 minute summer	SWMH 5	18	66.165	0.034	8.4	0.0054	0.0000	OK
30 minute summer	SOAK 2	23	65.374	0.466	10.9	2.6847	0.0000	OK
30 minute summer	SWMH 1	18	66.549	0.021	0.6	0.0034	0.0000	OK
30 minute summer	SWMH 2	19	66.375	0.023	0.6	0.0036	0.0000	OK
30 minute summer	SWMH 11	18	66.521	0.035	1.4	0.0055	0.0000	OK
30 minute summer	J 12	18	66.479	0.043	2.2	0.0000	0.0000	OK
30 minute summer	J 11	18	66.492	0.040	1.9	0.0000	0.0000	OK
30 minute summer	RWP 9	18	66.563	0.013	0.5	0.0011	0.0000	OK
30 minute summer	RWP 7	18	66.576	0.026	0.9	0.0035	0.0000	OK
30 minute summer	RWP 2	18	66.562	0.012	0.7	0.0012	0.0000	OK
30 minute summer	SOAK 1	23	65.376	0.445	12.0	0.0000	0.0000	SURCHARGED
30 minute summer	RWP 6	18	66.564	0.014	0.5	0.0011	0.0000	OK
30 minute summer	RWP 5	18	66.560	0.010	0.3	0.0004	0.0000	OK
30 minute summer	RWP 3	18	66.565	0.015	1.2	0.0026	0.0000	OK
30 minute summer	RWP 8	18	66.561	0.011	0.5	0.0008	0.0000	OK
30 minute summer	RWP 1	18	66.572	0.022	0.6	0.0018	0.0000	OK
30 minute summer	J 1	19	66.368	0.030	1.2	0.0000	0.0000	OK
30 minute summer	J 2	19	66.287	0.043	2.4	0.0000	0.0000	OK
30 minute summer	J 3	19	66.227	0.055	3.4	0.0000	0.0000	OK
30 minute summer	ACO 2	18	65.928	0.028	2.7	0.0031	0.0000	OK
30 minute summer	J 4	23	65.386	0.254	4.8	0.0000	0.0000	SURCHARGED
30 minute summer	GULLY 1	18	66.574	0.024	2.4	0.0086	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	SWMH 14	5.004	SWMH 5	2.7	0.978	0.334	0.0440
30 minute summer	SWMH 5	1.006	SOAK 1	8.4	1.386	0.252	0.0208
30 minute summer	SOAK 2	Infiltration		5.7			
30 minute summer	SWMH 1	1.001	SWMH 2	0.6	0.480	0.097	0.0221
30 minute summer	SWMH 2	1.002	J 1	0.6	0.345	0.095	0.0022
30 minute summer	SWMH 11	5.001	J 11	1.4	0.520	0.230	0.0090
30 minute summer	J 12	5.003	SWMH 14	2.2	0.681	0.357	0.0082
30 minute summer	J 11	5.002	J 12	1.9	0.605	0.311	0.0050
30 minute summer	RWP 9	9.000	SWMH 14	0.5	0.661	0.039	0.0058
30 minute summer	RWP 7	5.000	SWMH 11	0.9	0.448	0.149	0.0129
30 minute summer	RWP 2	2.000	J 1	0.7	0.892	0.031	0.0020
30 minute summer	SOAK 1	1.007	SOAK 2	10.9	1.028	0.603	0.0394
30 minute summer	RWP 6	6.000	SWMH 11	0.5	0.427	0.039	0.0022
30 minute summer	RWP 5	8.000	J 12	0.3	0.197	0.019	0.0030
30 minute summer	RWP 3	3.000	J 2	1.2	0.914	0.050	0.0039
30 minute summer	RWP 8	7.000	J 11	0.5	0.442	0.026	0.0018
30 minute summer	RWP 1	1.000	SWMH 1	0.6	0.484	0.099	0.0027
30 minute summer	J 1	1.003	J 2	1.2	0.462	0.200	0.0245
30 minute summer	J 2	1.004	J 3	2.4	0.612	0.390	0.0278
30 minute summer	J 3	1.005	SWMH 5	3.4	1.007	0.564	0.0139
30 minute summer	ACO 2	11.001	J 4	2.7	0.705	0.174	0.0568
30 minute summer	J 4	11.002	SWMH 22	4.5	0.803	0.742	0.0402
30 minute summer	GULLY 1	10.000	SWMH 5	2.4	1.308	0.128	0.0084

Results for 10 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	GULLY 3	18	65.915	0.015	2.1	0.0044	0.0000	OK
30 minute summer	SWMH 22	23	65.382	0.324	6.1	0.0515	0.0000	SURCHARGED
30 minute summer	GULLY 2	18	65.916	0.016	1.6	0.0036	0.0000	OK
30 minute summer	RWP 10	18	66.563	0.013	1.1	0.0020	0.0000	OK
30 minute summer	ACO 1	18	66.831	0.031	2.7	0.0420	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	GULLY 3	12.000	J 4	2.1	1.056	0.050	0.0068
30 minute summer	SWMH 22	11.003	SOAK 1	4.9	0.748	0.436	0.0286
30 minute summer	GULLY 2	13.000	SWMH 22	1.6	0.955	0.052	0.0145
30 minute summer	RWP 10	4.000	J 3	1.1	0.849	0.035	0.0036
30 minute summer	ACO 1	11.000	ACO 2	2.7	1.357	0.190	0.0073

Results for 10 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	SWMH 14	34	66.447	0.037	2.1	0.0058	0.0000	OK
60 minute summer	SWMH 5	33	66.161	0.030	6.5	0.0048	0.0000	OK
60 minute summer	SOAK 2	40	65.350	0.442	8.9	2.5483	0.0000	OK
60 minute summer	SWMH 1	32	66.546	0.018	0.4	0.0028	0.0000	OK
60 minute summer	SWMH 2	35	66.370	0.018	0.4	0.0029	0.0000	OK
60 minute summer	SWMH 11	34	66.516	0.030	1.1	0.0048	0.0000	OK
60 minute summer	J 12	34	66.474	0.038	1.7	0.0000	0.0000	OK
60 minute summer	J 11	34	66.487	0.035	1.5	0.0000	0.0000	OK
60 minute summer	RWP 9	34	66.562	0.012	0.4	0.0009	0.0000	OK
60 minute summer	RWP 7	34	66.573	0.023	0.7	0.0031	0.0000	OK
60 minute summer	RWP 2	33	66.560	0.010	0.5	0.0010	0.0000	OK
60 minute summer	SOAK 1	40	65.352	0.421	9.8	0.0000	0.0000	SURCHARGED
60 minute summer	RWP 6	34	66.562	0.012	0.4	0.0010	0.0000	OK
60 minute summer	RWP 5	34	66.558	0.008	0.2	0.0003	0.0000	OK
60 minute summer	RWP 3	33	66.563	0.013	0.9	0.0023	0.0000	OK
60 minute summer	RWP 8	33	66.560	0.010	0.4	0.0007	0.0000	OK
60 minute summer	RWP 1	35	66.568	0.018	0.4	0.0015	0.0000	OK
60 minute summer	J 1	35	66.364	0.026	0.9	0.0000	0.0000	OK
60 minute summer	J 2	34	66.281	0.037	1.8	0.0000	0.0000	OK
60 minute summer	J 3	34	66.219	0.047	2.6	0.0000	0.0000	OK
60 minute summer	ACO 2	33	65.925	0.025	2.1	0.0027	0.0000	OK
60 minute summer	J 4	39	65.363	0.231	3.7	0.0000	0.0000	SURCHARGED
60 minute summer	GULLY 1	33	66.572	0.022	1.9	0.0077	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	SWMH 14	5.004	SWMH 5	2.1	0.925	0.263	0.0369
60 minute summer	SWMH 5	1.006	SOAK 1	6.5	1.118	0.197	0.0200
60 minute summer	SOAK 2	Infiltration		5.6			
60 minute summer	SWMH 1	1.001	SWMH 2	0.4	0.437	0.067	0.0167
60 minute summer	SWMH 2	1.002	J 1	0.4	0.314	0.066	0.0018
60 minute summer	SWMH 11	5.001	J 11	1.1	0.494	0.182	0.0075
60 minute summer	J 12	5.003	SWMH 14	1.7	0.637	0.281	0.0069
60 minute summer	J 11	5.002	J 12	1.5	0.578	0.248	0.0042
60 minute summer	RWP 9	9.000	SWMH 14	0.4	0.310	0.031	0.0049
60 minute summer	RWP 7	5.000	SWMH 11	0.7	0.420	0.116	0.0108
60 minute summer	RWP 2	2.000	J 1	0.5	0.892	0.022	0.0016
60 minute summer	SOAK 1	1.007	SOAK 2	8.9	0.922	0.494	0.0394
60 minute summer	RWP 6	6.000	SWMH 11	0.4	0.355	0.031	0.0019
60 minute summer	RWP 5	8.000	J 12	0.2	0.176	0.012	0.0025
60 minute summer	RWP 3	3.000	J 2	0.9	0.914	0.037	0.0032
60 minute summer	RWP 8	7.000	J 11	0.4	0.308	0.021	0.0015
60 minute summer	RWP 1	1.000	SWMH 1	0.4	0.433	0.066	0.0020
60 minute summer	J 1	1.003	J 2	0.9	0.428	0.149	0.0200
60 minute summer	J 2	1.004	J 3	1.8	0.568	0.297	0.0228
60 minute summer	J 3	1.005	SWMH 5	2.6	0.927	0.429	0.0115
60 minute summer	ACO 2	11.001	J 4	2.1	0.671	0.135	0.0551
60 minute summer	J 4	11.002	SWMH 22	3.6	0.767	0.603	0.0402
60 minute summer	GULLY 1	10.000	SWMH 5	1.9	1.201	0.101	0.0071

Results for 10 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	GULLY 3	33	65.913	0.013	1.6	0.0039	0.0000	OK
60 minute summer	SWMH 22	39	65.359	0.301	4.9	0.0478	0.0000	SURCHARGED
60 minute summer	GULLY 2	33	65.914	0.014	1.3	0.0032	0.0000	OK
60 minute summer	RWP 10	33	66.561	0.011	0.8	0.0017	0.0000	OK
60 minute summer	ACO 1	33	66.827	0.027	2.1	0.0367	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	GULLY 3	12.000	J 4	1.6	1.111	0.038	0.0067
60 minute summer	SWMH 22	11.003	SOAK 1	3.9	0.699	0.348	0.0286
60 minute summer	GULLY 2	13.000	SWMH 22	1.3	0.727	0.043	0.0143
60 minute summer	RWP 10	4.000	J 3	0.8	0.849	0.026	0.0030
60 minute summer	ACO 1	11.000	ACO 2	2.1	1.268	0.148	0.0061

Results for 10 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	SWMH 14	64	66.442	0.032	1.6	0.0051	0.0000	OK
120 minute summer	SWMH 5	64	66.157	0.026	4.9	0.0041	0.0000	OK
120 minute summer	SOAK 2	72	65.268	0.360	7.2	2.0753	0.0000	OK
120 minute summer	SWMH 1	64	66.543	0.015	0.3	0.0024	0.0000	OK
120 minute summer	SWMH 2	66	66.368	0.016	0.3	0.0025	0.0000	OK
120 minute summer	SWMH 11	64	66.511	0.025	0.8	0.0040	0.0000	OK
120 minute summer	J 12	64	66.469	0.033	1.3	0.0000	0.0000	OK
120 minute summer	J 11	64	66.482	0.030	1.1	0.0000	0.0000	OK
120 minute summer	RWP 9	64	66.561	0.011	0.3	0.0008	0.0000	OK
120 minute summer	RWP 7	64	66.569	0.019	0.5	0.0026	0.0000	OK
120 minute summer	RWP 2	64	66.559	0.009	0.4	0.0009	0.0000	OK
120 minute summer	SOAK 1	72	65.270	0.339	7.6	0.0000	0.0000	SURCHARGED
120 minute summer	RWP 6	64	66.561	0.011	0.3	0.0008	0.0000	OK
120 minute summer	RWP 5	64	66.558	0.008	0.2	0.0003	0.0000	OK
120 minute summer	RWP 3	64	66.562	0.012	0.7	0.0020	0.0000	OK
120 minute summer	RWP 8	64	66.559	0.009	0.3	0.0006	0.0000	OK
120 minute summer	RWP 1	66	66.565	0.015	0.3	0.0013	0.0000	OK
120 minute summer	J 1	64	66.361	0.023	0.7	0.0000	0.0000	OK
120 minute summer	J 2	64	66.277	0.033	1.4	0.0000	0.0000	OK
120 minute summer	J 3	64	66.213	0.041	2.0	0.0000	0.0000	OK
120 minute summer	ACO 2	64	65.921	0.021	1.5	0.0023	0.0000	OK
120 minute summer	J 4	72	65.281	0.149	2.6	0.0000	0.0000	SURCHARGED
120 minute summer	GULLY 1	64	66.568	0.018	1.3	0.0064	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	SWMH 14	5.004	SWMH 5	1.6	0.856	0.200	0.0302
120 minute summer	SWMH 5	1.006	SOAK 1	4.9	0.997	0.147	0.0193
120 minute summer	SOAK 2	Infiltration		5.1			
120 minute summer	SWMH 1	1.001	SWMH 2	0.3	0.403	0.050	0.0134
120 minute summer	SWMH 2	1.002	J 1	0.3	0.296	0.049	0.0014
120 minute summer	SWMH 11	5.001	J 11	0.8	0.469	0.133	0.0060
120 minute summer	J 12	5.003	SWMH 14	1.3	0.594	0.215	0.0056
120 minute summer	J 11	5.002	J 12	1.1	0.528	0.182	0.0034
120 minute summer	RWP 9	9.000	SWMH 14	0.3	0.290	0.023	0.0040
120 minute summer	RWP 7	5.000	SWMH 11	0.5	0.388	0.083	0.0085
120 minute summer	RWP 2	2.000	J 1	0.4	0.504	0.018	0.0014
120 minute summer	SOAK 1	1.007	SOAK 2	7.2	0.815	0.400	0.0394
120 minute summer	RWP 6	6.000	SWMH 11	0.3	0.317	0.024	0.0015
120 minute summer	RWP 5	8.000	J 12	0.2	0.176	0.012	0.0021
120 minute summer	RWP 3	3.000	J 2	0.7	0.563	0.029	0.0027
120 minute summer	RWP 8	7.000	J 11	0.3	0.285	0.016	0.0012
120 minute summer	RWP 1	1.000	SWMH 1	0.3	0.399	0.050	0.0016
120 minute summer	J 1	1.003	J 2	0.7	0.393	0.115	0.0167
120 minute summer	J 2	1.004	J 3	1.4	0.531	0.231	0.0190
120 minute summer	J 3	1.005	SWMH 5	2.0	0.865	0.329	0.0095
120 minute summer	ACO 2	11.001	J 4	1.5	0.633	0.097	0.0526
120 minute summer	J 4	11.002	SWMH 22	2.5	0.720	0.420	0.0402
120 minute summer	GULLY 1	10.000	SWMH 5	1.3	1.064	0.069	0.0056

Results for 10 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	GULLY 3	64	65.911	0.011	1.1	0.0033	0.0000	OK
120 minute summer	SWMH 22	72	65.276	0.218	3.4	0.0347	0.0000	SURCHARGED
120 minute summer	GULLY 2	64	65.912	0.012	0.9	0.0027	0.0000	OK
120 minute summer	RWP 10	64	66.560	0.010	0.6	0.0015	0.0000	OK
120 minute summer	ACO 1	64	66.823	0.023	1.5	0.0308	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	GULLY 3	12.000	J 4	1.1	0.585	0.026	0.0066
120 minute summer	SWMH 22	11.003	SOAK 1	3.1	0.660	0.270	0.0286
120 minute summer	GULLY 2	13.000	SWMH 22	0.9	0.572	0.029	0.0141
120 minute summer	RWP 10	4.000	J 3	0.6	0.422	0.019	0.0025
120 minute summer	ACO 1	11.000	ACO 2	1.5	1.155	0.105	0.0048

Results for 10 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	SWMH 14	96	66.436	0.026	1.1	0.0041	0.0000	OK
180 minute summer	SWMH 5	96	66.153	0.022	3.6	0.0035	0.0000	OK
180 minute summer	SOAK 2	104	65.182	0.274	5.7	1.5767	0.0000	OK
180 minute summer	SWMH 1	88	66.541	0.013	0.2	0.0020	0.0000	OK
180 minute summer	SWMH 2	104	66.365	0.013	0.2	0.0020	0.0000	OK
180 minute summer	SWMH 11	96	66.508	0.022	0.6	0.0035	0.0000	OK
180 minute summer	J 12	96	66.463	0.027	0.9	0.0000	0.0000	OK
180 minute summer	J 11	96	66.477	0.025	0.8	0.0000	0.0000	OK
180 minute summer	RWP 9	92	66.559	0.009	0.2	0.0007	0.0000	OK
180 minute summer	RWP 7	96	66.567	0.017	0.4	0.0023	0.0000	OK
180 minute summer	RWP 2	96	66.558	0.008	0.3	0.0008	0.0000	OK
180 minute summer	SOAK 1	104	65.183	0.252	6.1	0.0000	0.0000	SURCHARGED
180 minute summer	RWP 6	92	66.559	0.009	0.2	0.0007	0.0000	OK
180 minute summer	RWP 5	84	66.556	0.006	0.1	0.0002	0.0000	OK
180 minute summer	RWP 3	96	66.560	0.010	0.5	0.0017	0.0000	OK
180 minute summer	RWP 8	92	66.557	0.007	0.2	0.0005	0.0000	OK
180 minute summer	RWP 1	104	66.563	0.013	0.2	0.0010	0.0000	OK
180 minute summer	J 1	96	66.357	0.019	0.5	0.0000	0.0000	OK
180 minute summer	J 2	96	66.272	0.028	1.0	0.0000	0.0000	OK
180 minute summer	J 3	96	66.208	0.036	1.5	0.0000	0.0000	OK
180 minute summer	ACO 2	96	65.918	0.018	1.1	0.0020	0.0000	OK
180 minute summer	J 4	104	65.189	0.057	2.0	0.0000	0.0000	OK
180 minute summer	GULLY 1	96	66.566	0.016	1.0	0.0056	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	SWMH 14	5.004	SWMH 5	1.1	0.759	0.138	0.0235
180 minute summer	SWMH 5	1.006	SOAK 1	3.6	0.987	0.109	0.0186
180 minute summer	SOAK 2	Infiltration		4.7			
180 minute summer	SWMH 1	1.001	SWMH 2	0.2	0.356	0.033	0.0100
180 minute summer	SWMH 2	1.002	J 1	0.2	0.273	0.033	0.0011
180 minute summer	SWMH 11	5.001	J 11	0.6	0.430	0.099	0.0047
180 minute summer	J 12	5.003	SWMH 14	0.9	0.542	0.149	0.0043
180 minute summer	J 11	5.002	J 12	0.8	0.495	0.133	0.0026
180 minute summer	RWP 9	9.000	SWMH 14	0.2	0.285	0.015	0.0030
180 minute summer	RWP 7	5.000	SWMH 11	0.4	0.370	0.066	0.0070
180 minute summer	RWP 2	2.000	J 1	0.3	0.668	0.013	0.0011
180 minute summer	SOAK 1	1.007	SOAK 2	5.7	0.801	0.315	0.0394
180 minute summer	RWP 6	6.000	SWMH 11	0.2	0.295	0.016	0.0012
180 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0015
180 minute summer	RWP 3	3.000	J 2	0.5	0.643	0.021	0.0021
180 minute summer	RWP 8	7.000	J 11	0.2	0.258	0.011	0.0009
180 minute summer	RWP 1	1.000	SWMH 1	0.2	0.380	0.033	0.0012
180 minute summer	J 1	1.003	J 2	0.5	0.358	0.083	0.0132
180 minute summer	J 2	1.004	J 3	1.0	0.473	0.166	0.0153
180 minute summer	J 3	1.005	SWMH 5	1.5	0.803	0.248	0.0077
180 minute summer	ACO 2	11.001	J 4	1.1	0.577	0.071	0.0321
180 minute summer	J 4	11.002	SWMH 22	2.0	0.673	0.336	0.0320
180 minute summer	GULLY 1	10.000	SWMH 5	1.0	0.985	0.053	0.0046

Results for 10 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	GULLY 3	96	65.910	0.010	0.9	0.0030	0.0000	OK
180 minute summer	SWMH 22	104	65.188	0.130	2.7	0.0207	0.0000	SURCHARGED
180 minute summer	GULLY 2	96	65.910	0.010	0.7	0.0024	0.0000	OK
180 minute summer	RWP 10	96	66.559	0.009	0.5	0.0014	0.0000	OK
180 minute summer	ACO 1	96	66.819	0.019	1.1	0.0263	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	GULLY 3	12.000	J 4	0.9	0.582	0.021	0.0040
180 minute summer	SWMH 22	11.003	SOAK 1	2.6	0.623	0.233	0.0286
180 minute summer	GULLY 2	13.000	SWMH 22	0.7	0.558	0.023	0.0139
180 minute summer	RWP 10	4.000	J 3	0.5	0.396	0.016	0.0020
180 minute summer	ACO 1	11.000	ACO 2	1.1	1.057	0.077	0.0038

Results for 10 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	SWMH 14	128	66.435	0.025	1.0	0.0040	0.0000	OK
240 minute summer	SWMH 5	124	66.152	0.021	3.2	0.0033	0.0000	OK
240 minute summer	SOAK 2	136	65.118	0.210	5.2	1.2087	0.0000	OK
240 minute summer	SWMH 1	120	66.541	0.013	0.2	0.0020	0.0000	OK
240 minute summer	SWMH 2	132	66.365	0.013	0.2	0.0020	0.0000	OK
240 minute summer	SWMH 11	128	66.506	0.020	0.5	0.0031	0.0000	OK
240 minute summer	J 12	128	66.461	0.025	0.8	0.0000	0.0000	OK
240 minute summer	J 11	128	66.475	0.023	0.7	0.0000	0.0000	OK
240 minute summer	RWP 9	124	66.559	0.009	0.2	0.0007	0.0000	OK
240 minute summer	RWP 7	124	66.565	0.015	0.3	0.0020	0.0000	OK
240 minute summer	RWP 2	124	66.558	0.008	0.3	0.0008	0.0000	OK
240 minute summer	SOAK 1	136	65.119	0.188	5.5	0.0000	0.0000	SURCHARGED
240 minute summer	RWP 6	124	66.559	0.009	0.2	0.0007	0.0000	OK
240 minute summer	RWP 5	112	66.556	0.006	0.1	0.0002	0.0000	OK
240 minute summer	RWP 3	120	66.559	0.009	0.4	0.0016	0.0000	OK
240 minute summer	RWP 8	124	66.557	0.007	0.2	0.0005	0.0000	OK
240 minute summer	RWP 1	132	66.563	0.013	0.2	0.0010	0.0000	OK
240 minute summer	J 1	124	66.357	0.019	0.5	0.0000	0.0000	OK
240 minute summer	J 2	124	66.270	0.026	0.9	0.0000	0.0000	OK
240 minute summer	J 3	124	66.205	0.033	1.3	0.0000	0.0000	OK
240 minute summer	ACO 2	124	65.917	0.017	1.0	0.0019	0.0000	OK
240 minute summer	J 4	124	65.170	0.038	1.8	0.0000	0.0000	OK
240 minute summer	GULLY 1	124	66.565	0.015	0.9	0.0053	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	SWMH 14	5.004	SWMH 5	1.0	0.751	0.126	0.0218
240 minute summer	SWMH 5	1.006	SOAK 1	3.2	0.970	0.095	0.0184
240 minute summer	SOAK 2	Infiltration		4.3			
240 minute summer	SWMH 1	1.001	SWMH 2	0.2	0.356	0.033	0.0100
240 minute summer	SWMH 2	1.002	J 1	0.2	0.273	0.033	0.0011
240 minute summer	SWMH 11	5.001	J 11	0.5	0.422	0.083	0.0042
240 minute summer	J 12	5.003	SWMH 14	0.8	0.519	0.133	0.0040
240 minute summer	J 11	5.002	J 12	0.7	0.474	0.116	0.0024
240 minute summer	RWP 9	9.000	SWMH 14	0.2	0.285	0.015	0.0029
240 minute summer	RWP 7	5.000	SWMH 11	0.3	0.363	0.050	0.0059
240 minute summer	RWP 2	2.000	J 1	0.3	0.668	0.013	0.0011
240 minute summer	SOAK 1	1.007	SOAK 2	5.2	0.803	0.288	0.0394
240 minute summer	RWP 6	6.000	SWMH 11	0.2	0.295	0.016	0.0011
240 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0014
240 minute summer	RWP 3	3.000	J 2	0.4	0.643	0.017	0.0019
240 minute summer	RWP 8	7.000	J 11	0.2	0.262	0.011	0.0008
240 minute summer	RWP 1	1.000	SWMH 1	0.2	0.380	0.033	0.0012
240 minute summer	J 1	1.003	J 2	0.5	0.369	0.080	0.0123
240 minute summer	J 2	1.004	J 3	0.9	0.461	0.144	0.0137
240 minute summer	J 3	1.005	SWMH 5	1.3	0.756	0.209	0.0069
240 minute summer	ACO 2	11.001	J 4	1.0	0.560	0.064	0.0215
240 minute summer	J 4	11.002	SWMH 22	1.8	0.656	0.292	0.0138
240 minute summer	GULLY 1	10.000	SWMH 5	0.9	0.951	0.048	0.0042

Results for 10 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	GULLY 3	124	65.909	0.009	0.8	0.0028	0.0000	OK
240 minute summer	SWMH 22	136	65.121	0.063	2.4	0.0100	0.0000	OK
240 minute summer	GULLY 2	124	65.910	0.010	0.6	0.0022	0.0000	OK
240 minute summer	RWP 10	124	66.558	0.008	0.4	0.0012	0.0000	OK
240 minute summer	ACO 1	124	66.818	0.018	1.0	0.0250	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	GULLY 3	12.000	J 4	0.8	0.713	0.019	0.0025
240 minute summer	SWMH 22	11.003	SOAK 1	2.4	0.617	0.207	0.0237
240 minute summer	GULLY 2	13.000	SWMH 22	0.6	0.594	0.020	0.0092
240 minute summer	RWP 10	4.000	J 3	0.4	0.365	0.013	0.0018
240 minute summer	ACO 1	11.000	ACO 2	1.0	1.026	0.070	0.0035

Results for 10 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	SWMH 14	184	66.433	0.023	0.9	0.0036	0.0000	OK
360 minute summer	SWMH 5	184	66.149	0.018	2.5	0.0029	0.0000	OK
360 minute summer	SOAK 2	192	65.021	0.113	4.3	0.6527	0.0000	OK
360 minute summer	SWMH 1	184	66.540	0.012	0.2	0.0019	0.0000	OK
360 minute summer	SWMH 2	184	66.363	0.011	0.2	0.0018	0.0000	OK
360 minute summer	SWMH 11	184	66.505	0.019	0.5	0.0031	0.0000	OK
360 minute summer	J 12	184	66.459	0.023	0.7	0.0000	0.0000	OK
360 minute summer	J 11	184	66.473	0.021	0.6	0.0000	0.0000	OK
360 minute summer	RWP 9	184	66.559	0.009	0.2	0.0007	0.0000	OK
360 minute summer	RWP 7	184	66.565	0.015	0.3	0.0020	0.0000	OK
360 minute summer	RWP 2	184	66.557	0.007	0.2	0.0007	0.0000	OK
360 minute summer	SOAK 1	192	65.012	0.081	4.3	0.0000	0.0000	OK
360 minute summer	RWP 6	184	66.559	0.009	0.2	0.0007	0.0000	OK
360 minute summer	RWP 5	176	66.556	0.006	0.1	0.0002	0.0000	OK
360 minute summer	RWP 3	184	66.558	0.008	0.3	0.0014	0.0000	OK
360 minute summer	RWP 8	152	66.555	0.005	0.1	0.0004	0.0000	OK
360 minute summer	RWP 1	184	66.562	0.012	0.2	0.0010	0.0000	OK
360 minute summer	J 1	184	66.355	0.017	0.4	0.0000	0.0000	OK
360 minute summer	J 2	184	66.266	0.022	0.7	0.0000	0.0000	OK
360 minute summer	J 3	192	66.200	0.028	1.0	0.0000	0.0000	OK
360 minute summer	ACO 2	184	65.915	0.015	0.8	0.0017	0.0000	OK
360 minute summer	J 4	184	65.165	0.033	1.4	0.0000	0.0000	OK
360 minute summer	GULLY 1	184	66.563	0.013	0.7	0.0047	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	SWMH 14	5.004	SWMH 5	0.8	0.717	0.105	0.0189
360 minute summer	SWMH 5	1.006	SOAK 1	2.5	0.959	0.075	0.0157
360 minute summer	SOAK 2	Infiltration		3.8			
360 minute summer	SWMH 1	1.001	SWMH 2	0.2	0.352	0.030	0.0091
360 minute summer	SWMH 2	1.002	J 1	0.2	0.255	0.028	0.0009
360 minute summer	SWMH 11	5.001	J 11	0.5	0.422	0.079	0.0038
360 minute summer	J 12	5.003	SWMH 14	0.7	0.487	0.109	0.0035
360 minute summer	J 11	5.002	J 12	0.6	0.445	0.094	0.0021
360 minute summer	RWP 9	9.000	SWMH 14	0.2	0.248	0.015	0.0026
360 minute summer	RWP 7	5.000	SWMH 11	0.3	0.329	0.049	0.0058
360 minute summer	RWP 2	2.000	J 1	0.2	0.459	0.009	0.0009
360 minute summer	SOAK 1	1.007	SOAK 2	4.3	0.798	0.237	0.0268
360 minute summer	RWP 6	6.000	SWMH 11	0.2	0.293	0.015	0.0010
360 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0013
360 minute summer	RWP 3	3.000	J 2	0.3	0.442	0.012	0.0015
360 minute summer	RWP 8	7.000	J 11	0.1	0.242	0.005	0.0007
360 minute summer	RWP 1	1.000	SWMH 1	0.2	0.351	0.032	0.0012
360 minute summer	J 1	1.003	J 2	0.4	0.340	0.060	0.0100
360 minute summer	J 2	1.004	J 3	0.7	0.425	0.109	0.0112
360 minute summer	J 3	1.005	SWMH 5	1.0	0.705	0.157	0.0057
360 minute summer	ACO 2	11.001	J 4	0.8	0.537	0.051	0.0181
360 minute summer	J 4	11.002	SWMH 22	1.4	0.614	0.229	0.0116
360 minute summer	GULLY 1	10.000	SWMH 5	0.7	0.879	0.037	0.0035

Results for 10 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	GULLY 3	184	65.908	0.008	0.6	0.0024	0.0000	OK
360 minute summer	SWMH 22	184	65.086	0.028	1.9	0.0044	0.0000	OK
360 minute summer	GULLY 2	184	65.909	0.009	0.5	0.0020	0.0000	OK
360 minute summer	RWP 10	184	66.557	0.007	0.3	0.0011	0.0000	OK
360 minute summer	ACO 1	184	66.816	0.016	0.8	0.0224	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	GULLY 3	12.000	J 4	0.6	0.509	0.014	0.0021
360 minute summer	SWMH 22	11.003	SOAK 1	1.9	0.620	0.165	0.0153
360 minute summer	GULLY 2	13.000	SWMH 22	0.5	0.511	0.016	0.0035
360 minute summer	RWP 10	4.000	J 3	0.3	0.342	0.010	0.0015
360 minute summer	ACO 1	11.000	ACO 2	0.8	0.963	0.056	0.0030

Results for 10 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	SWMH 14	256	66.429	0.019	0.6	0.0031	0.0000	OK
480 minute summer	SWMH 5	248	66.148	0.017	2.0	0.0026	0.0000	OK
480 minute summer	SOAK 2	248	64.959	0.051	3.5	0.2954	0.0000	OK
480 minute summer	SWMH 1	200	66.537	0.009	0.1	0.0014	0.0000	OK
480 minute summer	SWMH 2	200	66.361	0.009	0.1	0.0014	0.0000	OK
480 minute summer	SWMH 11	264	66.501	0.015	0.3	0.0024	0.0000	OK
480 minute summer	J 12	248	66.456	0.020	0.5	0.0000	0.0000	OK
480 minute summer	J 11	248	66.470	0.018	0.4	0.0000	0.0000	OK
480 minute summer	RWP 9	208	66.556	0.006	0.1	0.0005	0.0000	OK
480 minute summer	RWP 7	232	66.563	0.013	0.2	0.0017	0.0000	OK
480 minute summer	RWP 2	248	66.557	0.007	0.2	0.0007	0.0000	OK
480 minute summer	SOAK 1	248	64.978	0.047	3.5	0.0000	0.0000	OK
480 minute summer	RWP 6	208	66.556	0.006	0.1	0.0005	0.0000	OK
480 minute summer	RWP 5	240	66.556	0.006	0.1	0.0002	0.0000	OK
480 minute summer	RWP 3	248	66.558	0.008	0.3	0.0014	0.0000	OK
480 minute summer	RWP 8	208	66.555	0.005	0.1	0.0004	0.0000	OK
480 minute summer	RWP 1	208	66.559	0.009	0.1	0.0007	0.0000	OK
480 minute summer	J 1	248	66.353	0.015	0.3	0.0000	0.0000	OK
480 minute summer	J 2	248	66.265	0.021	0.6	0.0000	0.0000	OK
480 minute summer	J 3	248	66.198	0.026	0.8	0.0000	0.0000	OK
480 minute summer	ACO 2	248	65.914	0.014	0.6	0.0015	0.0000	OK
480 minute summer	J 4	248	65.162	0.030	1.1	0.0000	0.0000	OK
480 minute summer	GULLY 1	248	66.562	0.012	0.6	0.0044	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	SWMH 14	5.004	SWMH 5	0.6	0.655	0.075	0.0153
480 minute summer	SWMH 5	1.006	SOAK 1	2.0	0.958	0.060	0.0090
480 minute summer	SOAK 2	Infiltration		3.5			
480 minute summer	SWMH 1	1.001	SWMH 2	0.1	0.345	0.017	0.0061
480 minute summer	SWMH 2	1.002	J 1	0.1	0.224	0.017	0.0007
480 minute summer	SWMH 11	5.001	J 11	0.3	0.359	0.050	0.0028
480 minute summer	J 12	5.003	SWMH 14	0.5	0.464	0.083	0.0028
480 minute summer	J 11	5.002	J 12	0.4	0.425	0.066	0.0017
480 minute summer	RWP 9	9.000	SWMH 14	0.1	0.228	0.008	0.0020
480 minute summer	RWP 7	5.000	SWMH 11	0.2	0.305	0.033	0.0042
480 minute summer	RWP 2	2.000	J 1	0.2	0.459	0.009	0.0008
480 minute summer	SOAK 1	1.007	SOAK 2	3.5	0.798	0.194	0.0112
480 minute summer	RWP 6	6.000	SWMH 11	0.1	0.269	0.008	0.0007
480 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0011
480 minute summer	RWP 3	3.000	J 2	0.3	0.442	0.012	0.0015
480 minute summer	RWP 8	7.000	J 11	0.1	0.242	0.005	0.0006
480 minute summer	RWP 1	1.000	SWMH 1	0.1	0.294	0.017	0.0008
480 minute summer	J 1	1.003	J 2	0.3	0.308	0.050	0.0092
480 minute summer	J 2	1.004	J 3	0.6	0.427	0.099	0.0102
480 minute summer	J 3	1.005	SWMH 5	0.8	0.661	0.133	0.0050
480 minute summer	ACO 2	11.001	J 4	0.6	0.485	0.039	0.0152
480 minute summer	J 4	11.002	SWMH 22	1.1	0.577	0.182	0.0098
480 minute summer	GULLY 1	10.000	SWMH 5	0.6	0.867	0.032	0.0031

Results for 10 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	GULLY 3	248	65.908	0.008	0.5	0.0022	0.0000	OK
480 minute summer	SWMH 22	248	65.083	0.025	1.5	0.0039	0.0000	OK
480 minute summer	GULLY 2	248	65.908	0.008	0.4	0.0018	0.0000	OK
480 minute summer	RWP 10	224	66.556	0.006	0.2	0.0009	0.0000	OK
480 minute summer	ACO 1	248	66.814	0.014	0.6	0.0195	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	GULLY 3	12.000	J 4	0.5	0.505	0.012	0.0018
480 minute summer	SWMH 22	11.003	SOAK 1	1.5	0.609	0.132	0.0093
480 minute summer	GULLY 2	13.000	SWMH 22	0.4	0.484	0.013	0.0030
480 minute summer	RWP 10	4.000	J 3	0.2	0.303	0.006	0.0013
480 minute summer	ACO 1	11.000	ACO 2	0.6	0.887	0.042	0.0025

Results for 10 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	SWMH 14	315	66.429	0.019	0.6	0.0031	0.0000	OK
600 minute summer	SWMH 5	315	66.146	0.015	1.7	0.0024	0.0000	OK
600 minute summer	SOAK 2	315	64.950	0.042	2.9	0.2409	0.0000	OK
600 minute summer	SWMH 1	285	66.537	0.009	0.1	0.0014	0.0000	OK
600 minute summer	SWMH 2	285	66.361	0.009	0.1	0.0014	0.0000	OK
600 minute summer	SWMH 11	315	66.501	0.015	0.3	0.0024	0.0000	OK
600 minute summer	J 12	315	66.456	0.020	0.5	0.0000	0.0000	OK
600 minute summer	J 11	315	66.470	0.018	0.4	0.0000	0.0000	OK
600 minute summer	RWP 9	270	66.556	0.006	0.1	0.0005	0.0000	OK
600 minute summer	RWP 7	315	66.563	0.013	0.2	0.0017	0.0000	OK
600 minute summer	RWP 2	255	66.555	0.005	0.1	0.0005	0.0000	OK
600 minute summer	SOAK 1	315	64.972	0.041	2.9	0.0000	0.0000	OK
600 minute summer	RWP 6	270	66.556	0.006	0.1	0.0005	0.0000	OK
600 minute summer	RWP 5	315	66.556	0.006	0.1	0.0002	0.0000	OK
600 minute summer	RWP 3	300	66.557	0.007	0.2	0.0011	0.0000	OK
600 minute summer	RWP 8	285	66.555	0.005	0.1	0.0004	0.0000	OK
600 minute summer	RWP 1	270	66.559	0.009	0.1	0.0007	0.0000	OK
600 minute summer	J 1	270	66.350	0.012	0.2	0.0000	0.0000	OK
600 minute summer	J 2	300	66.261	0.017	0.4	0.0000	0.0000	OK
600 minute summer	J 3	330	66.194	0.022	0.6	0.0000	0.0000	OK
600 minute summer	ACO 2	315	65.912	0.012	0.5	0.0014	0.0000	OK
600 minute summer	J 4	315	65.159	0.027	0.9	0.0000	0.0000	OK
600 minute summer	GULLY 1	315	66.561	0.011	0.5	0.0040	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	SWMH 14	5.004	SWMH 5	0.6	0.660	0.075	0.0148
600 minute summer	SWMH 5	1.006	SOAK 1	1.7	0.944	0.051	0.0077
600 minute summer	SOAK 2	Infiltration		2.9			
600 minute summer	SWMH 1	1.001	SWMH 2	0.1	0.290	0.017	0.0061
600 minute summer	SWMH 2	1.002	J 1	0.1	0.224	0.017	0.0006
600 minute summer	SWMH 11	5.001	J 11	0.3	0.356	0.050	0.0028
600 minute summer	J 12	5.003	SWMH 14	0.5	0.460	0.083	0.0028
600 minute summer	J 11	5.002	J 12	0.4	0.397	0.066	0.0017
600 minute summer	RWP 9	9.000	SWMH 14	0.1	0.249	0.008	0.0020
600 minute summer	RWP 7	5.000	SWMH 11	0.2	0.305	0.033	0.0042
600 minute summer	RWP 2	2.000	J 1	0.1	0.436	0.004	0.0006
600 minute summer	SOAK 1	1.007	SOAK 2	2.9	0.779	0.161	0.0088
600 minute summer	RWP 6	6.000	SWMH 11	0.1	0.269	0.008	0.0007
600 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0011
600 minute summer	RWP 3	3.000	J 2	0.2	0.445	0.008	0.0011
600 minute summer	RWP 8	7.000	J 11	0.1	0.237	0.005	0.0006
600 minute summer	RWP 1	1.000	SWMH 1	0.1	0.286	0.017	0.0008
600 minute summer	J 1	1.003	J 2	0.2	0.307	0.033	0.0069
600 minute summer	J 2	1.004	J 3	0.4	0.363	0.066	0.0080
600 minute summer	J 3	1.005	SWMH 5	0.6	0.613	0.099	0.0042
600 minute summer	ACO 2	11.001	J 4	0.5	0.466	0.032	0.0132
600 minute summer	J 4	11.002	SWMH 22	0.9	0.546	0.149	0.0085
600 minute summer	GULLY 1	10.000	SWMH 5	0.5	0.815	0.027	0.0028

Results for 10 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	GULLY 3	315	65.907	0.007	0.4	0.0020	0.0000	OK
600 minute summer	SWMH 22	315	65.080	0.022	1.2	0.0035	0.0000	OK
600 minute summer	GULLY 2	315	65.907	0.007	0.3	0.0016	0.0000	OK
600 minute summer	RWP 10	300	66.556	0.006	0.2	0.0009	0.0000	OK
600 minute summer	ACO 1	315	66.813	0.013	0.5	0.0178	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	GULLY 3	12.000	J 4	0.4	0.468	0.009	0.0015
600 minute summer	SWMH 22	11.003	SOAK 1	1.2	0.571	0.106	0.0078
600 minute summer	GULLY 2	13.000	SWMH 22	0.3	0.429	0.010	0.0026
600 minute summer	RWP 10	4.000	J 3	0.2	0.300	0.006	0.0011
600 minute summer	ACO 1	11.000	ACO 2	0.5	0.841	0.035	0.0022

Results for 10 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	SWMH 14	375	66.428	0.018	0.5	0.0028	0.0000	OK
720 minute summer	SWMH 5	375	66.145	0.014	1.5	0.0023	0.0000	OK
720 minute summer	SOAK 2	375	64.947	0.039	2.7	0.2243	0.0000	OK
720 minute summer	SWMH 1	345	66.537	0.009	0.1	0.0014	0.0000	OK
720 minute summer	SWMH 2	345	66.361	0.009	0.1	0.0014	0.0000	OK
720 minute summer	SWMH 11	375	66.501	0.015	0.3	0.0024	0.0000	OK
720 minute summer	J 12	375	66.454	0.018	0.4	0.0000	0.0000	OK
720 minute summer	J 11	375	66.470	0.018	0.4	0.0000	0.0000	OK
720 minute summer	RWP 9	330	66.556	0.006	0.1	0.0005	0.0000	OK
720 minute summer	RWP 7	375	66.563	0.013	0.2	0.0017	0.0000	OK
720 minute summer	RWP 2	315	66.555	0.005	0.1	0.0005	0.0000	OK
720 minute summer	SOAK 1	375	64.970	0.039	2.7	0.0000	0.0000	OK
720 minute summer	RWP 6	330	66.556	0.006	0.1	0.0005	0.0000	OK
720 minute summer	RWP 5	15	66.550	0.000	0.0	0.0000	0.0000	OK
720 minute summer	RWP 3	360	66.557	0.007	0.2	0.0011	0.0000	OK
720 minute summer	RWP 8	345	66.555	0.005	0.1	0.0004	0.0000	OK
720 minute summer	RWP 1	330	66.559	0.009	0.1	0.0007	0.0000	OK
720 minute summer	J 1	330	66.350	0.012	0.2	0.0000	0.0000	OK
720 minute summer	J 2	360	66.261	0.017	0.4	0.0000	0.0000	OK
720 minute summer	J 3	390	66.194	0.022	0.6	0.0000	0.0000	OK
720 minute summer	ACO 2	375	65.912	0.012	0.5	0.0014	0.0000	OK
720 minute summer	J 4	375	65.159	0.027	0.9	0.0000	0.0000	OK
720 minute summer	GULLY 1	360	66.560	0.010	0.4	0.0036	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	SWMH 14	5.004	SWMH 5	0.5	0.616	0.063	0.0132
720 minute summer	SWMH 5	1.006	SOAK 1	1.5	0.915	0.045	0.0072
720 minute summer	SOAK 2	Infiltration		2.7			
720 minute summer	SWMH 1	1.001	SWMH 2	0.1	0.290	0.017	0.0061
720 minute summer	SWMH 2	1.002	J 1	0.1	0.224	0.017	0.0006
720 minute summer	SWMH 11	5.001	J 11	0.3	0.359	0.050	0.0028
720 minute summer	J 12	5.003	SWMH 14	0.4	0.427	0.066	0.0024
720 minute summer	J 11	5.002	J 12	0.4	0.430	0.066	0.0015
720 minute summer	RWP 9	9.000	SWMH 14	0.1	0.249	0.008	0.0018
720 minute summer	RWP 7	5.000	SWMH 11	0.2	0.305	0.033	0.0042
720 minute summer	RWP 2	2.000	J 1	0.1	0.436	0.004	0.0006
720 minute summer	SOAK 1	1.007	SOAK 2	2.7	0.779	0.150	0.0082
720 minute summer	RWP 6	6.000	SWMH 11	0.1	0.269	0.008	0.0007
720 minute summer	RWP 5	8.000	J 12	0.0	0.000	0.000	0.0008
720 minute summer	RWP 3	3.000	J 2	0.2	0.447	0.008	0.0011
720 minute summer	RWP 8	7.000	J 11	0.1	0.237	0.005	0.0006
720 minute summer	RWP 1	1.000	SWMH 1	0.1	0.286	0.017	0.0008
720 minute summer	J 1	1.003	J 2	0.2	0.307	0.033	0.0069
720 minute summer	J 2	1.004	J 3	0.4	0.361	0.066	0.0080
720 minute summer	J 3	1.005	SWMH 5	0.6	0.615	0.099	0.0041
720 minute summer	ACO 2	11.001	J 4	0.5	0.466	0.032	0.0132
720 minute summer	J 4	11.002	SWMH 22	0.9	0.546	0.149	0.0085
720 minute summer	GULLY 1	10.000	SWMH 5	0.4	0.750	0.021	0.0025

Results for 10 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	GULLY 3	375	65.907	0.007	0.4	0.0020	0.0000	OK
720 minute summer	SWMH 22	375	65.080	0.022	1.2	0.0035	0.0000	OK
720 minute summer	GULLY 2	375	65.907	0.007	0.3	0.0016	0.0000	OK
720 minute summer	RWP 10	360	66.556	0.006	0.2	0.0009	0.0000	OK
720 minute summer	ACO 1	375	66.813	0.013	0.5	0.0178	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	GULLY 3	12.000	J 4	0.4	0.468	0.009	0.0015
720 minute summer	SWMH 22	11.003	SOAK 1	1.2	0.591	0.106	0.0075
720 minute summer	GULLY 2	13.000	SWMH 22	0.3	0.429	0.010	0.0026
720 minute summer	RWP 10	4.000	J 3	0.2	0.310	0.006	0.0011
720 minute summer	ACO 1	11.000	ACO 2	0.5	0.841	0.035	0.0022

Results for 10 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	SWMH 14	465	66.426	0.016	0.4	0.0025	0.0000	OK
960 minute summer	SWMH 5	495	66.145	0.014	1.4	0.0022	0.0000	OK
960 minute summer	SOAK 2	495	64.941	0.033	2.3	0.1911	0.0000	OK
960 minute summer	SWMH 1	465	66.537	0.009	0.1	0.0014	0.0000	OK
960 minute summer	SWMH 2	465	66.361	0.009	0.1	0.0014	0.0000	OK
960 minute summer	SWMH 11	540	66.499	0.013	0.2	0.0020	0.0000	OK
960 minute summer	J 12	495	66.451	0.015	0.3	0.0000	0.0000	OK
960 minute summer	J 11	495	66.467	0.015	0.3	0.0000	0.0000	OK
960 minute summer	RWP 9	450	66.556	0.006	0.1	0.0005	0.0000	OK
960 minute summer	RWP 7	405	66.559	0.009	0.1	0.0012	0.0000	OK
960 minute summer	RWP 2	435	66.555	0.005	0.1	0.0005	0.0000	OK
960 minute summer	SOAK 1	495	64.967	0.036	2.3	0.0000	0.0000	OK
960 minute summer	RWP 6	450	66.556	0.006	0.1	0.0005	0.0000	OK
960 minute summer	RWP 5	15	66.550	0.000	0.0	0.0000	0.0000	OK
960 minute summer	RWP 3	495	66.557	0.007	0.2	0.0011	0.0000	OK
960 minute summer	RWP 8	465	66.555	0.005	0.1	0.0004	0.0000	OK
960 minute summer	RWP 1	450	66.559	0.009	0.1	0.0007	0.0000	OK
960 minute summer	J 1	450	66.350	0.012	0.2	0.0000	0.0000	OK
960 minute summer	J 2	495	66.261	0.017	0.4	0.0000	0.0000	OK
960 minute summer	J 3	495	66.194	0.022	0.6	0.0000	0.0000	OK
960 minute summer	ACO 2	495	65.911	0.011	0.4	0.0012	0.0000	OK
960 minute summer	J 4	495	65.155	0.023	0.7	0.0000	0.0000	OK
960 minute summer	GULLY 1	495	66.560	0.010	0.4	0.0036	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	SWMH 14	5.004	SWMH 5	0.4	0.589	0.050	0.0117
960 minute summer	SWMH 5	1.006	SOAK 1	1.4	0.913	0.042	0.0066
960 minute summer	SOAK 2	Infiltration		2.3			
960 minute summer	SWMH 1	1.001	SWMH 2	0.1	0.290	0.017	0.0061
960 minute summer	SWMH 2	1.002	J 1	0.1	0.224	0.017	0.0006
960 minute summer	SWMH 11	5.001	J 11	0.2	0.350	0.033	0.0022
960 minute summer	J 12	5.003	SWMH 14	0.3	0.389	0.050	0.0020
960 minute summer	J 11	5.002	J 12	0.3	0.397	0.050	0.0012
960 minute summer	RWP 9	9.000	SWMH 14	0.1	0.249	0.008	0.0016
960 minute summer	RWP 7	5.000	SWMH 11	0.1	0.287	0.017	0.0029
960 minute summer	RWP 2	2.000	J 1	0.1	0.436	0.004	0.0006
960 minute summer	SOAK 1	1.007	SOAK 2	2.3	0.779	0.128	0.0069
960 minute summer	RWP 6	6.000	SWMH 11	0.1	0.269	0.008	0.0006
960 minute summer	RWP 5	8.000	J 12	0.0	0.000	0.000	0.0006
960 minute summer	RWP 3	3.000	J 2	0.2	0.445	0.008	0.0011
960 minute summer	RWP 8	7.000	J 11	0.1	0.237	0.005	0.0005
960 minute summer	RWP 1	1.000	SWMH 1	0.1	0.286	0.017	0.0008
960 minute summer	J 1	1.003	J 2	0.2	0.307	0.033	0.0069
960 minute summer	J 2	1.004	J 3	0.4	0.360	0.066	0.0080
960 minute summer	J 3	1.005	SWMH 5	0.6	0.617	0.099	0.0040
960 minute summer	ACO 2	11.001	J 4	0.4	0.444	0.026	0.0111
960 minute summer	J 4	11.002	SWMH 22	0.7	0.508	0.116	0.0071
960 minute summer	GULLY 1	10.000	SWMH 5	0.4	0.750	0.021	0.0024

Results for 10 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	GULLY 3	480	65.906	0.006	0.3	0.0018	0.0000	OK
960 minute summer	SWMH 22	495	65.077	0.019	0.9	0.0030	0.0000	OK
960 minute summer	GULLY 2	450	65.906	0.006	0.2	0.0013	0.0000	OK
960 minute summer	RWP 10	495	66.556	0.006	0.2	0.0009	0.0000	OK
960 minute summer	ACO 1	495	66.812	0.012	0.4	0.0160	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	GULLY 3	12.000	J 4	0.3	0.462	0.007	0.0013
960 minute summer	SWMH 22	11.003	SOAK 1	0.9	0.511	0.079	0.0066
960 minute summer	GULLY 2	13.000	SWMH 22	0.2	0.410	0.007	0.0021
960 minute summer	RWP 10	4.000	J 3	0.2	0.304	0.006	0.0011
960 minute summer	ACO 1	11.000	ACO 2	0.4	0.786	0.028	0.0019

Results for 10 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	SWMH 14	750	66.426	0.016	0.4	0.0025	0.0000	OK
1440 minute summer	SWMH 5	750	66.143	0.012	1.1	0.0020	0.0000	OK
1440 minute summer	SOAK 2	750	64.934	0.026	1.8	0.1495	0.0000	OK
1440 minute summer	SWMH 1	750	66.537	0.009	0.1	0.0014	0.0000	OK
1440 minute summer	SWMH 2	750	66.361	0.009	0.1	0.0014	0.0000	OK
1440 minute summer	SWMH 11	750	66.498	0.012	0.2	0.0020	0.0000	OK
1440 minute summer	J 12	750	66.451	0.015	0.3	0.0000	0.0000	OK
1440 minute summer	J 11	750	66.467	0.015	0.3	0.0000	0.0000	OK
1440 minute summer	RWP 9	750	66.556	0.006	0.1	0.0005	0.0000	OK
1440 minute summer	RWP 7	660	66.559	0.009	0.1	0.0012	0.0000	OK
1440 minute summer	RWP 2	720	66.555	0.005	0.1	0.0005	0.0000	OK
1440 minute summer	SOAK 1	750	64.963	0.032	1.8	0.0000	0.0000	OK
1440 minute summer	RWP 6	750	66.556	0.006	0.1	0.0005	0.0000	OK
1440 minute summer	RWP 5	30	66.550	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	RWP 3	630	66.555	0.005	0.1	0.0008	0.0000	OK
1440 minute summer	RWP 8	750	66.555	0.005	0.1	0.0004	0.0000	OK
1440 minute summer	RWP 1	750	66.559	0.009	0.1	0.0007	0.0000	OK
1440 minute summer	J 1	750	66.350	0.012	0.2	0.0000	0.0000	OK
1440 minute summer	J 2	750	66.259	0.015	0.3	0.0000	0.0000	OK
1440 minute summer	J 3	750	66.190	0.018	0.4	0.0000	0.0000	OK
1440 minute summer	ACO 2	750	65.910	0.010	0.3	0.0011	0.0000	OK
1440 minute summer	J 4	750	65.152	0.020	0.5	0.0000	0.0000	OK
1440 minute summer	GULLY 1	750	66.559	0.009	0.3	0.0032	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	SWMH 14	5.004	SWMH 5	0.4	0.589	0.050	0.0110
1440 minute summer	SWMH 5	1.006	SOAK 1	1.1	0.852	0.033	0.0055
1440 minute summer	SOAK 2	Infiltration		1.8			
1440 minute summer	SWMH 1	1.001	SWMH 2	0.1	0.290	0.017	0.0061
1440 minute summer	SWMH 2	1.002	J 1	0.1	0.224	0.017	0.0006
1440 minute summer	SWMH 11	5.001	J 11	0.2	0.306	0.033	0.0022
1440 minute summer	J 12	5.003	SWMH 14	0.3	0.383	0.050	0.0020
1440 minute summer	J 11	5.002	J 12	0.3	0.397	0.050	0.0012
1440 minute summer	RWP 9	9.000	SWMH 14	0.1	0.213	0.008	0.0016
1440 minute summer	RWP 7	5.000	SWMH 11	0.1	0.287	0.017	0.0029
1440 minute summer	RWP 2	2.000	J 1	0.1	0.429	0.004	0.0006
1440 minute summer	SOAK 1	1.007	SOAK 2	1.8	0.767	0.100	0.0053
1440 minute summer	RWP 6	6.000	SWMH 11	0.1	0.269	0.008	0.0006
1440 minute summer	RWP 5	8.000	J 12	0.0	0.000	0.000	0.0006
1440 minute summer	RWP 3	3.000	J 2	0.1	0.438	0.004	0.0009
1440 minute summer	RWP 8	7.000	J 11	0.1	0.238	0.005	0.0005
1440 minute summer	RWP 1	1.000	SWMH 1	0.1	0.287	0.017	0.0008
1440 minute summer	J 1	1.003	J 2	0.2	0.307	0.033	0.0061
1440 minute summer	J 2	1.004	J 3	0.3	0.348	0.050	0.0062
1440 minute summer	J 3	1.005	SWMH 5	0.4	0.527	0.066	0.0031
1440 minute summer	ACO 2	11.001	J 4	0.3	0.419	0.019	0.0088
1440 minute summer	J 4	11.002	SWMH 22	0.5	0.462	0.083	0.0056
1440 minute summer	GULLY 1	10.000	SWMH 5	0.3	0.724	0.016	0.0020

Results for 10 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	GULLY 3	690	65.905	0.005	0.2	0.0015	0.0000	OK
1440 minute summer	SWMH 22	750	65.075	0.017	0.7	0.0027	0.0000	OK
1440 minute summer	GULLY 2	750	65.906	0.006	0.2	0.0013	0.0000	OK
1440 minute summer	RWP 10	630	66.554	0.004	0.1	0.0006	0.0000	OK
1440 minute summer	ACO 1	750	66.810	0.010	0.3	0.0140	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	GULLY 3	12.000	J 4	0.2	0.413	0.005	0.0010
1440 minute summer	SWMH 22	11.003	SOAK 1	0.7	0.476	0.062	0.0055
1440 minute summer	GULLY 2	13.000	SWMH 22	0.2	0.409	0.007	0.0018
1440 minute summer	RWP 10	4.000	J 3	0.1	0.304	0.003	0.0008
1440 minute summer	ACO 1	11.000	ACO 2	0.3	0.722	0.021	0.0015

Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	SWMH 14	11	66.460	0.050	3.6	0.0079	0.0000	OK
15 minute summer	SWMH 5	11	66.170	0.039	10.9	0.0062	0.0000	OK
15 minute summer	SOAK 2	15	65.455	0.547	13.8	3.1485	0.0000	OK
15 minute summer	SWMH 1	10	66.551	0.023	0.7	0.0037	0.0000	OK
15 minute summer	SWMH 2	12	66.377	0.025	0.7	0.0040	0.0000	OK
15 minute summer	SWMH 11	11	66.527	0.041	1.9	0.0066	0.0000	OK
15 minute summer	J 12	11	66.488	0.052	2.9	0.0000	0.0000	OK
15 minute summer	J 11	11	66.500	0.048	2.5	0.0000	0.0000	OK
15 minute summer	RWP 9	11	66.566	0.016	0.7	0.0012	0.0000	OK
15 minute summer	RWP 7	11	66.580	0.030	1.2	0.0041	0.0000	OK
15 minute summer	RWP 2	10	66.564	0.014	0.9	0.0014	0.0000	OK
15 minute summer	SOAK 1	15	65.457	0.526	15.4	0.0000	0.0000	SURCHARGED
15 minute summer	RWP 6	11	66.566	0.016	0.7	0.0013	0.0000	OK
15 minute summer	RWP 5	11	66.561	0.011	0.4	0.0005	0.0000	OK
15 minute summer	RWP 3	10	66.567	0.017	1.5	0.0029	0.0000	OK
15 minute summer	RWP 8	11	66.562	0.012	0.6	0.0009	0.0000	OK
15 minute summer	RWP 1	11	66.574	0.024	0.7	0.0019	0.0000	OK
15 minute summer	J 1	11	66.373	0.035	1.6	0.0000	0.0000	OK
15 minute summer	J 2	11	66.294	0.050	3.1	0.0000	0.0000	OK
15 minute summer	J 3	11	66.236	0.064	4.3	0.0000	0.0000	OK
15 minute summer	ACO 2	10	65.932	0.032	3.5	0.0035	0.0000	OK
15 minute summer	J 4	15	65.467	0.335	6.2	0.0000	0.0000	SURCHARGED
15 minute summer	GULLY 1	10	66.578	0.028	3.2	0.0099	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	SWMH 14	5.004	SWMH 5	3.6	1.060	0.447	0.0544
15 minute summer	SWMH 5	1.006	SOAK 1	10.9	1.743	0.329	0.0218
15 minute summer	SOAK 2	Infiltration		6.1			
15 minute summer	SWMH 1	1.001	SWMH 2	0.7	0.512	0.116	0.0257
15 minute summer	SWMH 2	1.002	J 1	0.7	0.369	0.114	0.0027
15 minute summer	SWMH 11	5.001	J 11	1.9	0.565	0.315	0.0114
15 minute summer	J 12	5.003	SWMH 14	2.9	0.724	0.478	0.0103
15 minute summer	J 11	5.002	J 12	2.5	0.643	0.413	0.0063
15 minute summer	RWP 9	9.000	SWMH 14	0.7	0.661	0.054	0.0072
15 minute summer	RWP 7	5.000	SWMH 11	1.2	0.481	0.199	0.0162
15 minute summer	RWP 2	2.000	J 1	0.9	0.884	0.040	0.0024
15 minute summer	SOAK 1	1.007	SOAK 2	13.8	1.172	0.767	0.0394
15 minute summer	RWP 6	6.000	SWMH 11	0.7	0.412	0.055	0.0028
15 minute summer	RWP 5	8.000	J 12	0.4	0.496	0.025	0.0037
15 minute summer	RWP 3	3.000	J 2	1.5	0.879	0.062	0.0047
15 minute summer	RWP 8	7.000	J 11	0.6	0.740	0.032	0.0022
15 minute summer	RWP 1	1.000	SWMH 1	0.7	0.505	0.116	0.0030
15 minute summer	J 1	1.003	J 2	1.6	0.493	0.259	0.0297
15 minute summer	J 2	1.004	J 3	3.0	0.655	0.502	0.0334
15 minute summer	J 3	1.005	SWMH 5	4.3	1.065	0.718	0.0166
15 minute summer	ACO 2	11.001	J 4	3.5	0.741	0.223	0.0592
15 minute summer	J 4	11.002	SWMH 22	5.3	0.840	0.879	0.0402
15 minute summer	GULLY 1	10.000	SWMH 5	3.2	1.460	0.169	0.0101

Results for 30 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	GULLY 3	10	65.917	0.017	2.7	0.0050	0.0000	OK
15 minute summer	SWMH 22	15	65.463	0.405	7.3	0.0644	0.0000	SURCHARGED
15 minute summer	GULLY 2	10	65.918	0.018	2.1	0.0041	0.0000	OK
15 minute summer	RWP 10	10	66.564	0.014	1.4	0.0022	0.0000	OK
15 minute summer	ACO 1	10	66.835	0.035	3.5	0.0482	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	GULLY 3	12.000	J 4	2.7	1.614	0.064	0.0070
15 minute summer	SWMH 22	11.003	SOAK 1	6.1	0.869	0.539	0.0286
15 minute summer	GULLY 2	13.000	SWMH 22	2.1	0.698	0.069	0.0148
15 minute summer	RWP 10	4.000	J 3	1.4	0.935	0.044	0.0043
15 minute summer	ACO 1	11.000	ACO 2	3.5	1.452	0.245	0.0088

Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	SWMH 14	19	66.459	0.049	3.5	0.0078	0.0000	OK
30 minute summer	SWMH 5	18	66.170	0.039	10.8	0.0062	0.0000	OK
30 minute summer	SOAK 2	23	65.533	0.625	13.6	3.5998	0.0000	OK
30 minute summer	SWMH 1	18	66.551	0.023	0.7	0.0036	0.0000	OK
30 minute summer	SWMH 2	19	66.377	0.025	0.7	0.0040	0.0000	OK
30 minute summer	SWMH 11	18	66.527	0.041	1.9	0.0066	0.0000	OK
30 minute summer	J 12	18	66.487	0.051	2.9	0.0000	0.0000	OK
30 minute summer	J 11	18	66.500	0.048	2.5	0.0000	0.0000	OK
30 minute summer	RWP 9	18	66.566	0.016	0.7	0.0012	0.0000	OK
30 minute summer	RWP 7	18	66.580	0.030	1.2	0.0041	0.0000	OK
30 minute summer	RWP 2	18	66.564	0.014	0.9	0.0014	0.0000	OK
30 minute summer	SOAK 1	23	65.536	0.605	15.2	0.0000	0.0000	SURCHARGED
30 minute summer	RWP 6	18	66.566	0.016	0.7	0.0013	0.0000	OK
30 minute summer	RWP 5	18	66.561	0.011	0.4	0.0005	0.0000	OK
30 minute summer	RWP 3	18	66.567	0.017	1.5	0.0029	0.0000	OK
30 minute summer	RWP 8	18	66.562	0.012	0.6	0.0009	0.0000	OK
30 minute summer	RWP 1	18	66.574	0.024	0.7	0.0019	0.0000	OK
30 minute summer	J 1	19	66.372	0.034	1.5	0.0000	0.0000	OK
30 minute summer	J 2	18	66.294	0.050	3.0	0.0000	0.0000	OK
30 minute summer	J 3	18	66.235	0.063	4.3	0.0000	0.0000	OK
30 minute summer	ACO 2	18	65.932	0.032	3.4	0.0035	0.0000	OK
30 minute summer	J 4	23	65.551	0.419	6.0	0.0000	0.0000	SURCHARGED
30 minute summer	GULLY 1	18	66.578	0.028	3.1	0.0098	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	SWMH 14	5.004	SWMH 5	3.5	1.059	0.438	0.0536
30 minute summer	SWMH 5	1.006	SOAK 1	10.8	1.720	0.324	0.0217
30 minute summer	SOAK 2	Infiltration		6.5			
30 minute summer	SWMH 1	1.001	SWMH 2	0.7	0.490	0.114	0.0251
30 minute summer	SWMH 2	1.002	J 1	0.7	0.353	0.112	0.0026
30 minute summer	SWMH 11	5.001	J 11	1.9	0.563	0.313	0.0113
30 minute summer	J 12	5.003	SWMH 14	2.8	0.723	0.470	0.0101
30 minute summer	J 11	5.002	J 12	2.5	0.641	0.409	0.0062
30 minute summer	RWP 9	9.000	SWMH 14	0.7	0.660	0.054	0.0071
30 minute summer	RWP 7	5.000	SWMH 11	1.2	0.482	0.199	0.0162
30 minute summer	RWP 2	2.000	J 1	0.9	0.887	0.040	0.0024
30 minute summer	SOAK 1	1.007	SOAK 2	13.6	1.104	0.754	0.0394
30 minute summer	RWP 6	6.000	SWMH 11	0.7	0.383	0.055	0.0028
30 minute summer	RWP 5	8.000	J 12	0.4	0.205	0.025	0.0037
30 minute summer	RWP 3	3.000	J 2	1.5	0.923	0.062	0.0046
30 minute summer	RWP 8	7.000	J 11	0.6	0.613	0.032	0.0022
30 minute summer	RWP 1	1.000	SWMH 1	0.7	0.506	0.116	0.0030
30 minute summer	J 1	1.003	J 2	1.5	0.492	0.250	0.0291
30 minute summer	J 2	1.004	J 3	3.0	0.652	0.489	0.0327
30 minute summer	J 3	1.005	SWMH 5	4.2	1.056	0.697	0.0163
30 minute summer	ACO 2	11.001	J 4	3.4	0.737	0.219	0.0590
30 minute summer	J 4	11.002	SWMH 22	4.8	0.827	0.794	0.0402
30 minute summer	GULLY 1	10.000	SWMH 5	3.1	1.407	0.165	0.0101

Results for 30 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	GULLY 3	18	65.916	0.016	2.6	0.0049	0.0000	OK
30 minute summer	SWMH 22	23	65.545	0.487	6.6	0.0774	0.0000	SURCHARGED
30 minute summer	GULLY 2	18	65.917	0.017	2.0	0.0040	0.0000	OK
30 minute summer	RWP 10	18	66.564	0.014	1.3	0.0021	0.0000	OK
30 minute summer	ACO 1	18	66.835	0.035	3.4	0.0475	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	GULLY 3	12.000	J 4	2.6	0.884	0.061	0.0069
30 minute summer	SWMH 22	11.003	SOAK 1	4.9	0.747	0.432	0.0286
30 minute summer	GULLY 2	13.000	SWMH 22	2.0	0.822	0.065	0.0147
30 minute summer	RWP 10	4.000	J 3	1.3	0.985	0.042	0.0042
30 minute summer	ACO 1	11.000	ACO 2	3.4	1.443	0.239	0.0086

Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	SWMH 14	34	66.452	0.042	2.7	0.0067	0.0000	OK
60 minute summer	SWMH 5	33	66.165	0.034	8.6	0.0055	0.0000	OK
60 minute summer	SOAK 2	40	65.534	0.626	11.3	3.6035	0.0000	OK
60 minute summer	SWMH 1	33	66.549	0.021	0.6	0.0034	0.0000	OK
60 minute summer	SWMH 2	34	66.375	0.023	0.6	0.0036	0.0000	OK
60 minute summer	SWMH 11	34	66.521	0.035	1.4	0.0055	0.0000	OK
60 minute summer	J 12	34	66.480	0.044	2.2	0.0000	0.0000	OK
60 minute summer	J 11	34	66.493	0.041	1.9	0.0000	0.0000	OK
60 minute summer	RWP 9	33	66.563	0.013	0.5	0.0011	0.0000	OK
60 minute summer	RWP 7	34	66.576	0.026	0.9	0.0035	0.0000	OK
60 minute summer	RWP 2	33	66.562	0.012	0.7	0.0012	0.0000	OK
60 minute summer	SOAK 1	40	65.537	0.606	12.4	0.0000	0.0000	SURCHARGED
60 minute summer	RWP 6	34	66.564	0.014	0.5	0.0011	0.0000	OK
60 minute summer	RWP 5	33	66.560	0.010	0.3	0.0004	0.0000	OK
60 minute summer	RWP 3	33	66.565	0.015	1.2	0.0026	0.0000	OK
60 minute summer	RWP 8	33	66.561	0.011	0.5	0.0008	0.0000	OK
60 minute summer	RWP 1	33	66.572	0.022	0.6	0.0018	0.0000	OK
60 minute summer	J 1	34	66.369	0.031	1.3	0.0000	0.0000	OK
60 minute summer	J 2	33	66.288	0.044	2.4	0.0000	0.0000	OK
60 minute summer	J 3	33	66.228	0.056	3.5	0.0000	0.0000	OK
60 minute summer	ACO 2	33	65.928	0.028	2.7	0.0031	0.0000	OK
60 minute summer	J 4	40	65.552	0.420	4.8	0.0000	0.0000	SURCHARGED
60 minute summer	GULLY 1	33	66.574	0.024	2.4	0.0086	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	SWMH 14	5.004	SWMH 5	2.7	0.984	0.339	0.0446
60 minute summer	SWMH 5	1.006	SOAK 1	8.6	1.414	0.258	0.0209
60 minute summer	SOAK 2	Infiltration		6.5			
60 minute summer	SWMH 1	1.001	SWMH 2	0.6	0.472	0.097	0.0221
60 minute summer	SWMH 2	1.002	J 1	0.6	0.339	0.095	0.0023
60 minute summer	SWMH 11	5.001	J 11	1.4	0.523	0.232	0.0091
60 minute summer	J 12	5.003	SWMH 14	2.2	0.682	0.364	0.0083
60 minute summer	J 11	5.002	J 12	1.9	0.605	0.315	0.0051
60 minute summer	RWP 9	9.000	SWMH 14	0.5	0.660	0.039	0.0058
60 minute summer	RWP 7	5.000	SWMH 11	0.9	0.448	0.149	0.0130
60 minute summer	RWP 2	2.000	J 1	0.7	0.887	0.031	0.0021
60 minute summer	SOAK 1	1.007	SOAK 2	11.3	1.000	0.627	0.0394
60 minute summer	RWP 6	6.000	SWMH 11	0.5	0.367	0.039	0.0022
60 minute summer	RWP 5	8.000	J 12	0.3	0.181	0.019	0.0030
60 minute summer	RWP 3	3.000	J 2	1.2	0.923	0.050	0.0039
60 minute summer	RWP 8	7.000	J 11	0.5	0.320	0.026	0.0018
60 minute summer	RWP 1	1.000	SWMH 1	0.6	0.486	0.099	0.0027
60 minute summer	J 1	1.003	J 2	1.3	0.474	0.210	0.0252
60 minute summer	J 2	1.004	J 3	2.4	0.616	0.398	0.0283
60 minute summer	J 3	1.005	SWMH 5	3.5	1.011	0.577	0.0141
60 minute summer	ACO 2	11.001	J 4	2.7	0.688	0.174	0.0570
60 minute summer	J 4	11.002	SWMH 22	3.7	0.774	0.621	0.0402
60 minute summer	GULLY 1	10.000	SWMH 5	2.4	1.280	0.128	0.0085

Results for 30 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	GULLY 3	33	65.915	0.015	2.1	0.0044	0.0000	OK
60 minute summer	SWMH 22	40	65.545	0.487	5.0	0.0775	0.0000	SURCHARGED
60 minute summer	GULLY 2	33	65.916	0.016	1.6	0.0036	0.0000	OK
60 minute summer	RWP 10	33	66.563	0.013	1.1	0.0020	0.0000	OK
60 minute summer	ACO 1	33	66.831	0.031	2.7	0.0420	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	GULLY 3	12.000	J 4	2.1	1.056	0.050	0.0069
60 minute summer	SWMH 22	11.003	SOAK 1	4.1	0.698	0.361	0.0286
60 minute summer	GULLY 2	13.000	SWMH 22	1.6	0.950	0.052	0.0145
60 minute summer	RWP 10	4.000	J 3	1.1	0.987	0.035	0.0037
60 minute summer	ACO 1	11.000	ACO 2	2.7	1.357	0.190	0.0073

Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	SWMH 14	64	66.445	0.035	1.9	0.0055	0.0000	OK
120 minute summer	SWMH 5	64	66.160	0.029	5.9	0.0045	0.0000	OK
120 minute summer	SOAK 2	72	65.408	0.500	8.3	2.8800	0.0000	OK
120 minute summer	SWMH 1	64	66.546	0.018	0.4	0.0028	0.0000	OK
120 minute summer	SWMH 2	64	66.370	0.018	0.4	0.0028	0.0000	OK
120 minute summer	SWMH 11	64	66.515	0.029	1.0	0.0046	0.0000	OK
120 minute summer	J 12	64	66.471	0.035	1.5	0.0000	0.0000	OK
120 minute summer	J 11	64	66.485	0.033	1.3	0.0000	0.0000	OK
120 minute summer	RWP 9	64	66.562	0.012	0.4	0.0009	0.0000	OK
120 minute summer	RWP 7	64	66.571	0.021	0.6	0.0029	0.0000	OK
120 minute summer	RWP 2	64	66.560	0.010	0.5	0.0010	0.0000	OK
120 minute summer	SOAK 1	72	65.411	0.480	8.9	0.0000	0.0000	SURCHARGED
120 minute summer	RWP 6	64	66.562	0.012	0.4	0.0010	0.0000	OK
120 minute summer	RWP 5	64	66.558	0.008	0.2	0.0003	0.0000	OK
120 minute summer	RWP 3	64	66.563	0.013	0.8	0.0022	0.0000	OK
120 minute summer	RWP 8	62	66.559	0.009	0.3	0.0006	0.0000	OK
120 minute summer	RWP 1	64	66.568	0.018	0.4	0.0015	0.0000	OK
120 minute summer	J 1	64	66.364	0.026	0.9	0.0000	0.0000	OK
120 minute summer	J 2	64	66.280	0.036	1.7	0.0000	0.0000	OK
120 minute summer	J 3	64	66.217	0.045	2.4	0.0000	0.0000	OK
120 minute summer	ACO 2	64	65.923	0.023	1.8	0.0025	0.0000	OK
120 minute summer	J 4	72	65.425	0.293	3.2	0.0000	0.0000	SURCHARGED
120 minute summer	GULLY 1	64	66.570	0.020	1.7	0.0072	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	SWMH 14	5.004	SWMH 5	1.9	0.892	0.238	0.0344
120 minute summer	SWMH 5	1.006	SOAK 1	5.9	1.027	0.179	0.0197
120 minute summer	SOAK 2	Infiltration		5.9			
120 minute summer	SWMH 1	1.001	SWMH 2	0.4	0.429	0.066	0.0164
120 minute summer	SWMH 2	1.002	J 1	0.4	0.310	0.064	0.0017
120 minute summer	SWMH 11	5.001	J 11	1.0	0.492	0.166	0.0069
120 minute summer	J 12	5.003	SWMH 14	1.5	0.613	0.248	0.0063
120 minute summer	J 11	5.002	J 12	1.3	0.552	0.215	0.0038
120 minute summer	RWP 9	9.000	SWMH 14	0.4	0.288	0.031	0.0046
120 minute summer	RWP 7	5.000	SWMH 11	0.6	0.410	0.099	0.0098
120 minute summer	RWP 2	2.000	J 1	0.5	0.543	0.022	0.0016
120 minute summer	SOAK 1	1.007	SOAK 2	8.3	0.868	0.460	0.0394
120 minute summer	RWP 6	6.000	SWMH 11	0.4	0.349	0.031	0.0018
120 minute summer	RWP 5	8.000	J 12	0.2	0.171	0.012	0.0023
120 minute summer	RWP 3	3.000	J 2	0.8	0.569	0.033	0.0030
120 minute summer	RWP 8	7.000	J 11	0.3	0.298	0.016	0.0013
120 minute summer	RWP 1	1.000	SWMH 1	0.4	0.432	0.066	0.0020
120 minute summer	J 1	1.003	J 2	0.9	0.428	0.145	0.0192
120 minute summer	J 2	1.004	J 3	1.7	0.560	0.275	0.0215
120 minute summer	J 3	1.005	SWMH 5	2.4	0.901	0.390	0.0107
120 minute summer	ACO 2	11.001	J 4	1.8	0.638	0.116	0.0543
120 minute summer	J 4	11.002	SWMH 22	2.8	0.707	0.470	0.0402
120 minute summer	GULLY 1	10.000	SWMH 5	1.7	1.167	0.091	0.0066

Results for 30 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	GULLY 3	64	65.912	0.012	1.4	0.0036	0.0000	OK
120 minute summer	SWMH 22	72	65.419	0.361	3.8	0.0573	0.0000	SURCHARGED
120 minute summer	GULLY 2	64	65.913	0.013	1.1	0.0030	0.0000	OK
120 minute summer	RWP 10	62	66.560	0.010	0.7	0.0016	0.0000	OK
120 minute summer	ACO 1	64	66.825	0.025	1.8	0.0339	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	GULLY 3	12.000	J 4	1.4	0.619	0.033	0.0067
120 minute summer	SWMH 22	11.003	SOAK 1	3.1	0.648	0.276	0.0286
120 minute summer	GULLY 2	13.000	SWMH 22	1.1	0.564	0.036	0.0142
120 minute summer	RWP 10	4.000	J 3	0.7	0.430	0.022	0.0028
120 minute summer	ACO 1	11.000	ACO 2	1.8	1.215	0.126	0.0054

Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	SWMH 14	96	66.441	0.031	1.5	0.0049	0.0000	OK
180 minute summer	SWMH 5	96	66.156	0.025	4.6	0.0040	0.0000	OK
180 minute summer	SOAK 2	104	65.309	0.401	6.7	2.3109	0.0000	OK
180 minute summer	SWMH 1	96	66.543	0.015	0.3	0.0024	0.0000	OK
180 minute summer	SWMH 2	96	66.367	0.015	0.3	0.0024	0.0000	OK
180 minute summer	SWMH 11	96	66.511	0.025	0.8	0.0040	0.0000	OK
180 minute summer	J 12	96	66.467	0.031	1.2	0.0000	0.0000	OK
180 minute summer	J 11	96	66.482	0.030	1.1	0.0000	0.0000	OK
180 minute summer	RWP 9	96	66.561	0.011	0.3	0.0008	0.0000	OK
180 minute summer	RWP 7	96	66.569	0.019	0.5	0.0026	0.0000	OK
180 minute summer	RWP 2	96	66.559	0.009	0.4	0.0009	0.0000	OK
180 minute summer	SOAK 1	104	65.311	0.380	7.1	0.0000	0.0000	SURCHARGED
180 minute summer	RWP 6	96	66.561	0.011	0.3	0.0008	0.0000	OK
180 minute summer	RWP 5	80	66.556	0.006	0.1	0.0002	0.0000	OK
180 minute summer	RWP 3	96	66.561	0.011	0.6	0.0019	0.0000	OK
180 minute summer	RWP 8	96	66.559	0.009	0.3	0.0006	0.0000	OK
180 minute summer	RWP 1	96	66.565	0.015	0.3	0.0013	0.0000	OK
180 minute summer	J 1	96	66.361	0.023	0.7	0.0000	0.0000	OK
180 minute summer	J 2	96	66.275	0.031	1.3	0.0000	0.0000	OK
180 minute summer	J 3	96	66.211	0.039	1.8	0.0000	0.0000	OK
180 minute summer	ACO 2	96	65.920	0.020	1.4	0.0022	0.0000	OK
180 minute summer	J 4	104	65.323	0.191	2.5	0.0000	0.0000	SURCHARGED
180 minute summer	GULLY 1	96	66.568	0.018	1.3	0.0064	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	SWMH 14	5.004	SWMH 5	1.5	0.841	0.188	0.0289
180 minute summer	SWMH 5	1.006	SOAK 1	4.6	0.974	0.139	0.0191
180 minute summer	SOAK 2	Infiltration		5.3			
180 minute summer	SWMH 1	1.001	SWMH 2	0.3	0.397	0.050	0.0133
180 minute summer	SWMH 2	1.002	J 1	0.3	0.286	0.050	0.0014
180 minute summer	SWMH 11	5.001	J 11	0.8	0.458	0.133	0.0059
180 minute summer	J 12	5.003	SWMH 14	1.2	0.578	0.199	0.0053
180 minute summer	J 11	5.002	J 12	1.1	0.545	0.182	0.0033
180 minute summer	RWP 9	9.000	SWMH 14	0.3	0.266	0.023	0.0038
180 minute summer	RWP 7	5.000	SWMH 11	0.5	0.384	0.083	0.0085
180 minute summer	RWP 2	2.000	J 1	0.4	0.668	0.018	0.0014
180 minute summer	SOAK 1	1.007	SOAK 2	6.7	0.798	0.374	0.0394
180 minute summer	RWP 6	6.000	SWMH 11	0.3	0.315	0.024	0.0015
180 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0019
180 minute summer	RWP 3	3.000	J 2	0.6	0.677	0.025	0.0025
180 minute summer	RWP 8	7.000	J 11	0.3	0.291	0.016	0.0012
180 minute summer	RWP 1	1.000	SWMH 1	0.3	0.396	0.050	0.0016
180 minute summer	J 1	1.003	J 2	0.7	0.406	0.116	0.0162
180 minute summer	J 2	1.004	J 3	1.3	0.527	0.215	0.0178
180 minute summer	J 3	1.005	SWMH 5	1.8	0.832	0.297	0.0089
180 minute summer	ACO 2	11.001	J 4	1.4	0.624	0.090	0.0530
180 minute summer	J 4	11.002	SWMH 22	2.5	0.680	0.415	0.0402
180 minute summer	GULLY 1	10.000	SWMH 5	1.3	1.082	0.069	0.0055

Results for 30 year 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	GULLY 3	96	65.911	0.011	1.1	0.0033	0.0000	OK
180 minute summer	SWMH 22	104	65.318	0.260	3.3	0.0414	0.0000	SURCHARGED
180 minute summer	GULLY 2	96	65.911	0.011	0.8	0.0026	0.0000	OK
180 minute summer	RWP 10	92	66.559	0.009	0.5	0.0014	0.0000	OK
180 minute summer	ACO 1	96	66.822	0.022	1.4	0.0298	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	GULLY 3	12.000	J 4	1.1	0.615	0.026	0.0066
180 minute summer	SWMH 22	11.003	SOAK 1	2.7	0.638	0.239	0.0286
180 minute summer	GULLY 2	13.000	SWMH 22	0.8	0.549	0.026	0.0140
180 minute summer	RWP 10	4.000	J 3	0.5	0.613	0.016	0.0023
180 minute summer	ACO 1	11.000	ACO 2	1.4	1.133	0.098	0.0045

Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	SWMH 14	128	66.436	0.026	1.1	0.0041	0.0000	OK
240 minute summer	SWMH 5	124	66.153	0.022	3.7	0.0036	0.0000	OK
240 minute summer	SOAK 2	136	65.223	0.315	5.9	1.8154	0.0000	OK
240 minute summer	SWMH 1	124	66.543	0.015	0.3	0.0023	0.0000	OK
240 minute summer	SWMH 2	128	66.366	0.014	0.3	0.0022	0.0000	OK
240 minute summer	SWMH 11	128	66.508	0.022	0.6	0.0035	0.0000	OK
240 minute summer	J 12	128	66.463	0.027	0.9	0.0000	0.0000	OK
240 minute summer	J 11	128	66.477	0.025	0.8	0.0000	0.0000	OK
240 minute summer	RWP 9	120	66.559	0.009	0.2	0.0007	0.0000	OK
240 minute summer	RWP 7	124	66.567	0.017	0.4	0.0023	0.0000	OK
240 minute summer	RWP 2	124	66.558	0.008	0.3	0.0008	0.0000	OK
240 minute summer	SOAK 1	136	65.225	0.294	6.1	0.0000	0.0000	SURCHARGED
240 minute summer	RWP 6	120	66.559	0.009	0.2	0.0007	0.0000	OK
240 minute summer	RWP 5	108	66.556	0.006	0.1	0.0002	0.0000	OK
240 minute summer	RWP 3	124	66.560	0.010	0.5	0.0017	0.0000	OK
240 minute summer	RWP 8	116	66.557	0.007	0.2	0.0005	0.0000	OK
240 minute summer	RWP 1	124	66.565	0.015	0.3	0.0012	0.0000	OK
240 minute summer	J 1	128	66.359	0.021	0.6	0.0000	0.0000	OK
240 minute summer	J 2	128	66.272	0.028	1.1	0.0000	0.0000	OK
240 minute summer	J 3	124	66.208	0.036	1.5	0.0000	0.0000	OK
240 minute summer	ACO 2	124	65.919	0.019	1.2	0.0021	0.0000	OK
240 minute summer	J 4	136	65.233	0.101	2.1	0.0000	0.0000	SURCHARGED
240 minute summer	GULLY 1	124	66.566	0.016	1.1	0.0059	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	SWMH 14	5.004	SWMH 5	1.1	0.760	0.138	0.0237
240 minute summer	SWMH 5	1.006	SOAK 1	3.7	0.979	0.112	0.0187
240 minute summer	SOAK 2	Infiltration		4.9			
240 minute summer	SWMH 1	1.001	SWMH 2	0.3	0.395	0.045	0.0120
240 minute summer	SWMH 2	1.002	J 1	0.3	0.280	0.042	0.0012
240 minute summer	SWMH 11	5.001	J 11	0.6	0.430	0.099	0.0047
240 minute summer	J 12	5.003	SWMH 14	0.9	0.543	0.149	0.0043
240 minute summer	J 11	5.002	J 12	0.8	0.495	0.133	0.0026
240 minute summer	RWP 9	9.000	SWMH 14	0.2	0.285	0.015	0.0030
240 minute summer	RWP 7	5.000	SWMH 11	0.4	0.370	0.066	0.0070
240 minute summer	RWP 2	2.000	J 1	0.3	0.668	0.013	0.0012
240 minute summer	SOAK 1	1.007	SOAK 2	5.9	0.795	0.325	0.0394
240 minute summer	RWP 6	6.000	SWMH 11	0.2	0.295	0.016	0.0012
240 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0015
240 minute summer	RWP 3	3.000	J 2	0.5	0.643	0.021	0.0022
240 minute summer	RWP 8	7.000	J 11	0.2	0.273	0.011	0.0009
240 minute summer	RWP 1	1.000	SWMH 1	0.3	0.396	0.048	0.0016
240 minute summer	J 1	1.003	J 2	0.6	0.377	0.093	0.0140
240 minute summer	J 2	1.004	J 3	1.1	0.497	0.177	0.0155
240 minute summer	J 3	1.005	SWMH 5	1.5	0.800	0.250	0.0078
240 minute summer	ACO 2	11.001	J 4	1.2	0.603	0.077	0.0509
240 minute summer	J 4	11.002	SWMH 22	2.1	0.673	0.355	0.0402
240 minute summer	GULLY 1	10.000	SWMH 5	1.1	1.025	0.058	0.0048

Results for 30 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	GULLY 3	124	65.910	0.010	0.9	0.0030	0.0000	OK
240 minute summer	SWMH 22	136	65.230	0.172	2.8	0.0273	0.0000	SURCHARGED
240 minute summer	GULLY 2	124	65.910	0.010	0.7	0.0024	0.0000	OK
240 minute summer	RWP 10	124	66.559	0.009	0.5	0.0013	0.0000	OK
240 minute summer	ACO 1	124	66.820	0.020	1.2	0.0275	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	GULLY 3	12.000	J 4	0.9	0.582	0.021	0.0065
240 minute summer	SWMH 22	11.003	SOAK 1	2.6	0.614	0.233	0.0286
240 minute summer	GULLY 2	13.000	SWMH 22	0.7	0.558	0.023	0.0139
240 minute summer	RWP 10	4.000	J 3	0.5	0.383	0.016	0.0021
240 minute summer	ACO 1	11.000	ACO 2	1.2	1.083	0.084	0.0040

Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	SWMH 14	184	66.435	0.025	1.0	0.0039	0.0000	OK
360 minute summer	SWMH 5	184	66.151	0.020	3.1	0.0033	0.0000	OK
360 minute summer	SOAK 2	192	65.111	0.203	5.0	1.1718	0.0000	OK
360 minute summer	SWMH 1	192	66.541	0.013	0.2	0.0020	0.0000	OK
360 minute summer	SWMH 2	184	66.365	0.013	0.2	0.0020	0.0000	OK
360 minute summer	SWMH 11	184	66.506	0.020	0.5	0.0031	0.0000	OK
360 minute summer	J 12	184	66.461	0.025	0.8	0.0000	0.0000	OK
360 minute summer	J 11	184	66.475	0.023	0.7	0.0000	0.0000	OK
360 minute summer	RWP 9	184	66.559	0.009	0.2	0.0007	0.0000	OK
360 minute summer	RWP 7	184	66.565	0.015	0.3	0.0020	0.0000	OK
360 minute summer	RWP 2	176	66.557	0.007	0.2	0.0007	0.0000	OK
360 minute summer	SOAK 1	192	65.113	0.182	5.2	0.0000	0.0000	SURCHARGED
360 minute summer	RWP 6	184	66.559	0.009	0.2	0.0007	0.0000	OK
360 minute summer	RWP 5	168	66.556	0.006	0.1	0.0002	0.0000	OK
360 minute summer	RWP 3	184	66.559	0.009	0.4	0.0016	0.0000	OK
360 minute summer	RWP 8	184	66.557	0.007	0.2	0.0005	0.0000	OK
360 minute summer	RWP 1	192	66.563	0.013	0.2	0.0010	0.0000	OK
360 minute summer	J 1	184	66.355	0.017	0.4	0.0000	0.0000	OK
360 minute summer	J 2	184	66.269	0.025	0.8	0.0000	0.0000	OK
360 minute summer	J 3	184	66.204	0.032	1.2	0.0000	0.0000	OK
360 minute summer	ACO 2	184	65.916	0.016	0.9	0.0018	0.0000	OK
360 minute summer	J 4	184	65.168	0.036	1.6	0.0000	0.0000	OK
360 minute summer	GULLY 1	184	66.565	0.015	0.9	0.0053	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	SWMH 14	5.004	SWMH 5	1.0	0.743	0.123	0.0214
360 minute summer	SWMH 5	1.006	SOAK 1	3.1	0.964	0.092	0.0183
360 minute summer	SOAK 2	Infiltration		4.3			
360 minute summer	SWMH 1	1.001	SWMH 2	0.2	0.354	0.033	0.0100
360 minute summer	SWMH 2	1.002	J 1	0.2	0.273	0.033	0.0010
360 minute summer	SWMH 11	5.001	J 11	0.5	0.424	0.083	0.0042
360 minute summer	J 12	5.003	SWMH 14	0.8	0.517	0.130	0.0039
360 minute summer	J 11	5.002	J 12	0.7	0.473	0.115	0.0024
360 minute summer	RWP 9	9.000	SWMH 14	0.2	0.261	0.015	0.0028
360 minute summer	RWP 7	5.000	SWMH 11	0.3	0.329	0.050	0.0059
360 minute summer	RWP 2	2.000	J 1	0.2	0.459	0.009	0.0009
360 minute summer	SOAK 1	1.007	SOAK 2	5.0	0.788	0.280	0.0394
360 minute summer	RWP 6	6.000	SWMH 11	0.2	0.293	0.016	0.0011
360 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0014
360 minute summer	RWP 3	3.000	J 2	0.4	0.477	0.017	0.0018
360 minute summer	RWP 8	7.000	J 11	0.2	0.260	0.010	0.0008
360 minute summer	RWP 1	1.000	SWMH 1	0.2	0.351	0.033	0.0012
360 minute summer	J 1	1.003	J 2	0.4	0.335	0.066	0.0113
360 minute summer	J 2	1.004	J 3	0.8	0.458	0.133	0.0130
360 minute summer	J 3	1.005	SWMH 5	1.2	0.739	0.198	0.0067
360 minute summer	ACO 2	11.001	J 4	0.9	0.549	0.058	0.0199
360 minute summer	J 4	11.002	SWMH 22	1.6	0.637	0.262	0.0128
360 minute summer	GULLY 1	10.000	SWMH 5	0.9	0.962	0.048	0.0042

Results for 30 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	GULLY 3	184	65.909	0.009	0.7	0.0026	0.0000	OK
360 minute summer	SWMH 22	192	65.114	0.056	2.2	0.0089	0.0000	OK
360 minute summer	GULLY 2	184	65.910	0.010	0.6	0.0022	0.0000	OK
360 minute summer	RWP 10	184	66.558	0.008	0.4	0.0012	0.0000	OK
360 minute summer	ACO 1	184	66.817	0.017	0.9	0.0238	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	GULLY 3	12.000	J 4	0.7	0.536	0.016	0.0023
360 minute summer	SWMH 22	11.003	SOAK 1	2.2	0.618	0.192	0.0226
360 minute summer	GULLY 2	13.000	SWMH 22	0.6	0.548	0.020	0.0082
360 minute summer	RWP 10	4.000	J 3	0.4	0.364	0.013	0.0017
360 minute summer	ACO 1	11.000	ACO 2	0.9	0.997	0.063	0.0033

Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	SWMH 14	248	66.432	0.022	0.8	0.0035	0.0000	OK
480 minute summer	SWMH 5	248	66.150	0.019	2.5	0.0029	0.0000	OK
480 minute summer	SOAK 2	256	65.036	0.128	4.1	0.7381	0.0000	OK
480 minute summer	SWMH 1	248	66.541	0.013	0.2	0.0020	0.0000	OK
480 minute summer	SWMH 2	248	66.365	0.013	0.2	0.0020	0.0000	OK
480 minute summer	SWMH 11	248	66.506	0.020	0.5	0.0031	0.0000	OK
480 minute summer	J 12	248	66.460	0.024	0.7	0.0000	0.0000	OK
480 minute summer	J 11	248	66.474	0.022	0.6	0.0000	0.0000	OK
480 minute summer	RWP 9	200	66.556	0.006	0.1	0.0005	0.0000	OK
480 minute summer	RWP 7	248	66.565	0.015	0.3	0.0020	0.0000	OK
480 minute summer	RWP 2	240	66.557	0.007	0.2	0.0007	0.0000	OK
480 minute summer	SOAK 1	256	65.043	0.112	4.3	0.0000	0.0000	OK
480 minute summer	RWP 6	248	66.559	0.009	0.2	0.0007	0.0000	OK
480 minute summer	RWP 5	224	66.556	0.006	0.1	0.0002	0.0000	OK
480 minute summer	RWP 3	240	66.558	0.008	0.3	0.0014	0.0000	OK
480 minute summer	RWP 8	200	66.555	0.005	0.1	0.0004	0.0000	OK
480 minute summer	RWP 1	248	66.563	0.013	0.2	0.0010	0.0000	OK
480 minute summer	J 1	248	66.355	0.017	0.4	0.0000	0.0000	OK
480 minute summer	J 2	248	66.267	0.023	0.7	0.0000	0.0000	OK
480 minute summer	J 3	248	66.201	0.029	1.0	0.0000	0.0000	OK
480 minute summer	ACO 2	248	65.916	0.016	0.8	0.0017	0.0000	OK
480 minute summer	J 4	248	65.166	0.034	1.4	0.0000	0.0000	OK
480 minute summer	GULLY 1	248	66.563	0.013	0.7	0.0047	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	SWMH 14	5.004	SWMH 5	0.8	0.700	0.100	0.0185
480 minute summer	SWMH 5	1.006	SOAK 1	2.5	0.959	0.075	0.0179
480 minute summer	SOAK 2	Infiltration		3.9			
480 minute summer	SWMH 1	1.001	SWMH 2	0.2	0.354	0.033	0.0100
480 minute summer	SWMH 2	1.002	J 1	0.2	0.273	0.033	0.0010
480 minute summer	SWMH 11	5.001	J 11	0.5	0.427	0.083	0.0040
480 minute summer	J 12	5.003	SWMH 14	0.7	0.517	0.116	0.0035
480 minute summer	J 11	5.002	J 12	0.6	0.451	0.099	0.0022
480 minute summer	RWP 9	9.000	SWMH 14	0.1	0.228	0.008	0.0023
480 minute summer	RWP 7	5.000	SWMH 11	0.3	0.329	0.050	0.0059
480 minute summer	RWP 2	2.000	J 1	0.2	0.459	0.009	0.0009
480 minute summer	SOAK 1	1.007	SOAK 2	4.1	0.798	0.229	0.0337
480 minute summer	RWP 6	6.000	SWMH 11	0.2	0.293	0.016	0.0011
480 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0013
480 minute summer	RWP 3	3.000	J 2	0.3	0.442	0.012	0.0016
480 minute summer	RWP 8	7.000	J 11	0.1	0.242	0.005	0.0007
480 minute summer	RWP 1	1.000	SWMH 1	0.2	0.351	0.033	0.0012
480 minute summer	J 1	1.003	J 2	0.4	0.354	0.066	0.0106
480 minute summer	J 2	1.004	J 3	0.7	0.435	0.116	0.0117
480 minute summer	J 3	1.005	SWMH 5	1.0	0.706	0.166	0.0058
480 minute summer	ACO 2	11.001	J 4	0.8	0.537	0.051	0.0182
480 minute summer	J 4	11.002	SWMH 22	1.4	0.616	0.232	0.0117
480 minute summer	GULLY 1	10.000	SWMH 5	0.7	0.893	0.037	0.0036

Results for 30 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	GULLY 3	248	65.908	0.008	0.6	0.0024	0.0000	OK
480 minute summer	SWMH 22	248	65.085	0.027	1.8	0.0043	0.0000	OK
480 minute summer	GULLY 2	240	65.908	0.008	0.4	0.0018	0.0000	OK
480 minute summer	RWP 10	240	66.557	0.007	0.3	0.0011	0.0000	OK
480 minute summer	ACO 1	248	66.816	0.016	0.8	0.0225	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	GULLY 3	12.000	J 4	0.6	0.509	0.014	0.0021
480 minute summer	SWMH 22	11.003	SOAK 1	1.8	0.620	0.159	0.0172
480 minute summer	GULLY 2	13.000	SWMH 22	0.4	0.466	0.013	0.0034
480 minute summer	RWP 10	4.000	J 3	0.3	0.342	0.010	0.0015
480 minute summer	ACO 1	11.000	ACO 2	0.8	0.965	0.056	0.0030

Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	SWMH 14	330	66.429	0.019	0.6	0.0031	0.0000	OK
600 minute summer	SWMH 5	315	66.148	0.017	2.0	0.0026	0.0000	OK
600 minute summer	SOAK 2	315	64.961	0.053	3.5	0.3047	0.0000	OK
600 minute summer	SWMH 1	285	66.537	0.009	0.1	0.0014	0.0000	OK
600 minute summer	SWMH 2	285	66.361	0.009	0.1	0.0014	0.0000	OK
600 minute summer	SWMH 11	330	66.501	0.015	0.3	0.0024	0.0000	OK
600 minute summer	J 12	315	66.456	0.020	0.5	0.0000	0.0000	OK
600 minute summer	J 11	315	66.470	0.018	0.4	0.0000	0.0000	OK
600 minute summer	RWP 9	270	66.556	0.006	0.1	0.0005	0.0000	OK
600 minute summer	RWP 7	300	66.563	0.013	0.2	0.0017	0.0000	OK
600 minute summer	RWP 2	315	66.557	0.007	0.2	0.0007	0.0000	OK
600 minute summer	SOAK 1	315	64.978	0.047	3.5	0.0000	0.0000	OK
600 minute summer	RWP 6	270	66.556	0.006	0.1	0.0005	0.0000	OK
600 minute summer	RWP 5	300	66.556	0.006	0.1	0.0002	0.0000	OK
600 minute summer	RWP 3	315	66.558	0.008	0.3	0.0014	0.0000	OK
600 minute summer	RWP 8	270	66.555	0.005	0.1	0.0004	0.0000	OK
600 minute summer	RWP 1	270	66.559	0.009	0.1	0.0007	0.0000	OK
600 minute summer	J 1	315	66.353	0.015	0.3	0.0000	0.0000	OK
600 minute summer	J 2	315	66.265	0.021	0.6	0.0000	0.0000	OK
600 minute summer	J 3	315	66.198	0.026	0.8	0.0000	0.0000	OK
600 minute summer	ACO 2	315	65.914	0.014	0.6	0.0015	0.0000	OK
600 minute summer	J 4	315	65.162	0.030	1.1	0.0000	0.0000	OK
600 minute summer	GULLY 1	315	66.562	0.012	0.6	0.0044	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	SWMH 14	5.004	SWMH 5	0.6	0.657	0.075	0.0153
600 minute summer	SWMH 5	1.006	SOAK 1	2.0	0.954	0.060	0.0092
600 minute summer	SOAK 2	Infiltration		3.5			
600 minute summer	SWMH 1	1.001	SWMH 2	0.1	0.290	0.017	0.0061
600 minute summer	SWMH 2	1.002	J 1	0.1	0.224	0.017	0.0007
600 minute summer	SWMH 11	5.001	J 11	0.3	0.356	0.050	0.0028
600 minute summer	J 12	5.003	SWMH 14	0.5	0.464	0.083	0.0028
600 minute summer	J 11	5.002	J 12	0.4	0.397	0.066	0.0017
600 minute summer	RWP 9	9.000	SWMH 14	0.1	0.216	0.008	0.0020
600 minute summer	RWP 7	5.000	SWMH 11	0.2	0.305	0.033	0.0042
600 minute summer	RWP 2	2.000	J 1	0.2	0.436	0.009	0.0008
600 minute summer	SOAK 1	1.007	SOAK 2	3.5	0.781	0.194	0.0115
600 minute summer	RWP 6	6.000	SWMH 11	0.1	0.269	0.008	0.0007
600 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0011
600 minute summer	RWP 3	3.000	J 2	0.3	0.445	0.012	0.0015
600 minute summer	RWP 8	7.000	J 11	0.1	0.239	0.005	0.0006
600 minute summer	RWP 1	1.000	SWMH 1	0.1	0.286	0.017	0.0008
600 minute summer	J 1	1.003	J 2	0.3	0.308	0.050	0.0092
600 minute summer	J 2	1.004	J 3	0.6	0.427	0.099	0.0102
600 minute summer	J 3	1.005	SWMH 5	0.8	0.661	0.133	0.0050
600 minute summer	ACO 2	11.001	J 4	0.6	0.485	0.039	0.0152
600 minute summer	J 4	11.002	SWMH 22	1.1	0.577	0.182	0.0098
600 minute summer	GULLY 1	10.000	SWMH 5	0.6	0.865	0.032	0.0031

Results for 30 year 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	GULLY 3	315	65.908	0.008	0.5	0.0022	0.0000	OK
600 minute summer	SWMH 22	315	65.083	0.025	1.5	0.0039	0.0000	OK
600 minute summer	GULLY 2	315	65.908	0.008	0.4	0.0018	0.0000	OK
600 minute summer	RWP 10	285	66.556	0.006	0.2	0.0009	0.0000	OK
600 minute summer	ACO 1	315	66.814	0.014	0.6	0.0195	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	GULLY 3	12.000	J 4	0.5	0.503	0.012	0.0018
600 minute summer	SWMH 22	11.003	SOAK 1	1.5	0.606	0.132	0.0094
600 minute summer	GULLY 2	13.000	SWMH 22	0.4	0.482	0.013	0.0030
600 minute summer	RWP 10	4.000	J 3	0.2	0.304	0.006	0.0013
600 minute summer	ACO 1	11.000	ACO 2	0.6	0.887	0.042	0.0025

Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	SWMH 14	375	66.429	0.019	0.6	0.0031	0.0000	OK
720 minute summer	SWMH 5	375	66.146	0.015	1.7	0.0024	0.0000	OK
720 minute summer	SOAK 2	375	64.951	0.043	3.0	0.2492	0.0000	OK
720 minute summer	SWMH 1	330	66.537	0.009	0.1	0.0014	0.0000	OK
720 minute summer	SWMH 2	330	66.361	0.009	0.1	0.0014	0.0000	OK
720 minute summer	SWMH 11	390	66.501	0.015	0.3	0.0024	0.0000	OK
720 minute summer	J 12	375	66.456	0.020	0.5	0.0000	0.0000	OK
720 minute summer	J 11	375	66.470	0.018	0.4	0.0000	0.0000	OK
720 minute summer	RWP 9	315	66.556	0.006	0.1	0.0005	0.0000	OK
720 minute summer	RWP 7	360	66.563	0.013	0.2	0.0017	0.0000	OK
720 minute summer	RWP 2	300	66.555	0.005	0.1	0.0005	0.0000	OK
720 minute summer	SOAK 1	375	64.973	0.042	3.0	0.0000	0.0000	OK
720 minute summer	RWP 6	315	66.556	0.006	0.1	0.0005	0.0000	OK
720 minute summer	RWP 5	375	66.556	0.006	0.1	0.0002	0.0000	OK
720 minute summer	RWP 3	345	66.557	0.007	0.2	0.0011	0.0000	OK
720 minute summer	RWP 8	330	66.555	0.005	0.1	0.0004	0.0000	OK
720 minute summer	RWP 1	315	66.559	0.009	0.1	0.0007	0.0000	OK
720 minute summer	J 1	315	66.350	0.012	0.2	0.0000	0.0000	OK
720 minute summer	J 2	345	66.261	0.017	0.4	0.0000	0.0000	OK
720 minute summer	J 3	405	66.194	0.022	0.6	0.0000	0.0000	OK
720 minute summer	ACO 2	375	65.914	0.014	0.6	0.0015	0.0000	OK
720 minute summer	J 4	375	65.160	0.028	1.0	0.0000	0.0000	OK
720 minute summer	GULLY 1	375	66.561	0.011	0.5	0.0040	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	SWMH 14	5.004	SWMH 5	0.6	0.660	0.075	0.0148
720 minute summer	SWMH 5	1.006	SOAK 1	1.7	0.924	0.051	0.0079
720 minute summer	SOAK 2	Infiltration		3.0			
720 minute summer	SWMH 1	1.001	SWMH 2	0.1	0.290	0.017	0.0061
720 minute summer	SWMH 2	1.002	J 1	0.1	0.224	0.017	0.0006
720 minute summer	SWMH 11	5.001	J 11	0.3	0.359	0.050	0.0028
720 minute summer	J 12	5.003	SWMH 14	0.5	0.460	0.083	0.0028
720 minute summer	J 11	5.002	J 12	0.4	0.428	0.066	0.0017
720 minute summer	RWP 9	9.000	SWMH 14	0.1	0.249	0.008	0.0020
720 minute summer	RWP 7	5.000	SWMH 11	0.2	0.305	0.033	0.0042
720 minute summer	RWP 2	2.000	J 1	0.1	0.436	0.004	0.0006
720 minute summer	SOAK 1	1.007	SOAK 2	3.0	0.779	0.167	0.0092
720 minute summer	RWP 6	6.000	SWMH 11	0.1	0.269	0.008	0.0007
720 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0011
720 minute summer	RWP 3	3.000	J 2	0.2	0.445	0.008	0.0011
720 minute summer	RWP 8	7.000	J 11	0.1	0.237	0.005	0.0006
720 minute summer	RWP 1	1.000	SWMH 1	0.1	0.286	0.017	0.0008
720 minute summer	J 1	1.003	J 2	0.2	0.307	0.033	0.0069
720 minute summer	J 2	1.004	J 3	0.4	0.363	0.066	0.0080
720 minute summer	J 3	1.005	SWMH 5	0.6	0.615	0.099	0.0042
720 minute summer	ACO 2	11.001	J 4	0.6	0.509	0.039	0.0144
720 minute summer	J 4	11.002	SWMH 22	1.0	0.562	0.166	0.0091
720 minute summer	GULLY 1	10.000	SWMH 5	0.5	0.811	0.027	0.0028

Results for 30 year 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	GULLY 3	360	65.907	0.007	0.4	0.0020	0.0000	OK
720 minute summer	SWMH 22	375	65.081	0.023	1.3	0.0036	0.0000	OK
720 minute summer	GULLY 2	360	65.907	0.007	0.3	0.0016	0.0000	OK
720 minute summer	RWP 10	345	66.556	0.006	0.2	0.0009	0.0000	OK
720 minute summer	ACO 1	375	66.814	0.014	0.6	0.0195	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	GULLY 3	12.000	J 4	0.4	0.468	0.009	0.0016
720 minute summer	SWMH 22	11.003	SOAK 1	1.3	0.594	0.115	0.0081
720 minute summer	GULLY 2	13.000	SWMH 22	0.3	0.429	0.010	0.0027
720 minute summer	RWP 10	4.000	J 3	0.2	0.300	0.006	0.0011
720 minute summer	ACO 1	11.000	ACO 2	0.6	0.887	0.042	0.0025

Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	SWMH 14	495	66.428	0.018	0.5	0.0028	0.0000	OK
960 minute summer	SWMH 5	495	66.145	0.014	1.5	0.0023	0.0000	OK
960 minute summer	SOAK 2	495	64.947	0.039	2.7	0.2243	0.0000	OK
960 minute summer	SWMH 1	450	66.537	0.009	0.1	0.0014	0.0000	OK
960 minute summer	SWMH 2	450	66.361	0.009	0.1	0.0014	0.0000	OK
960 minute summer	SWMH 11	495	66.501	0.015	0.3	0.0024	0.0000	OK
960 minute summer	J 12	495	66.454	0.018	0.4	0.0000	0.0000	OK
960 minute summer	J 11	495	66.470	0.018	0.4	0.0000	0.0000	OK
960 minute summer	RWP 9	435	66.556	0.006	0.1	0.0005	0.0000	OK
960 minute summer	RWP 7	495	66.563	0.013	0.2	0.0017	0.0000	OK
960 minute summer	RWP 2	405	66.555	0.005	0.1	0.0005	0.0000	OK
960 minute summer	SOAK 1	495	64.970	0.039	2.7	0.0000	0.0000	OK
960 minute summer	RWP 6	435	66.556	0.006	0.1	0.0005	0.0000	OK
960 minute summer	RWP 5	15	66.550	0.000	0.0	0.0000	0.0000	OK
960 minute summer	RWP 3	465	66.557	0.007	0.2	0.0011	0.0000	OK
960 minute summer	RWP 8	450	66.555	0.005	0.1	0.0004	0.0000	OK
960 minute summer	RWP 1	435	66.559	0.009	0.1	0.0007	0.0000	OK
960 minute summer	J 1	435	66.350	0.012	0.2	0.0000	0.0000	OK
960 minute summer	J 2	465	66.261	0.017	0.4	0.0000	0.0000	OK
960 minute summer	J 3	510	66.194	0.022	0.6	0.0000	0.0000	OK
960 minute summer	ACO 2	495	65.912	0.012	0.5	0.0014	0.0000	OK
960 minute summer	J 4	495	65.159	0.027	0.9	0.0000	0.0000	OK
960 minute summer	GULLY 1	480	66.560	0.010	0.4	0.0036	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	SWMH 14	5.004	SWMH 5	0.5	0.616	0.063	0.0132
960 minute summer	SWMH 5	1.006	SOAK 1	1.5	0.915	0.045	0.0072
960 minute summer	SOAK 2	Infiltration		2.7			
960 minute summer	SWMH 1	1.001	SWMH 2	0.1	0.290	0.017	0.0061
960 minute summer	SWMH 2	1.002	J 1	0.1	0.224	0.017	0.0006
960 minute summer	SWMH 11	5.001	J 11	0.3	0.359	0.050	0.0028
960 minute summer	J 12	5.003	SWMH 14	0.4	0.427	0.066	0.0024
960 minute summer	J 11	5.002	J 12	0.4	0.430	0.066	0.0015
960 minute summer	RWP 9	9.000	SWMH 14	0.1	0.249	0.008	0.0018
960 minute summer	RWP 7	5.000	SWMH 11	0.2	0.305	0.033	0.0042
960 minute summer	RWP 2	2.000	J 1	0.1	0.436	0.004	0.0006
960 minute summer	SOAK 1	1.007	SOAK 2	2.7	0.779	0.150	0.0082
960 minute summer	RWP 6	6.000	SWMH 11	0.1	0.269	0.008	0.0007
960 minute summer	RWP 5	8.000	J 12	0.0	0.000	0.000	0.0008
960 minute summer	RWP 3	3.000	J 2	0.2	0.445	0.008	0.0011
960 minute summer	RWP 8	7.000	J 11	0.1	0.237	0.005	0.0006
960 minute summer	RWP 1	1.000	SWMH 1	0.1	0.286	0.017	0.0008
960 minute summer	J 1	1.003	J 2	0.2	0.307	0.033	0.0069
960 minute summer	J 2	1.004	J 3	0.4	0.386	0.066	0.0080
960 minute summer	J 3	1.005	SWMH 5	0.6	0.615	0.099	0.0041
960 minute summer	ACO 2	11.001	J 4	0.5	0.466	0.032	0.0132
960 minute summer	J 4	11.002	SWMH 22	0.9	0.546	0.149	0.0085
960 minute summer	GULLY 1	10.000	SWMH 5	0.4	0.748	0.021	0.0025

Results for 30 year 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	GULLY 3	495	65.907	0.007	0.4	0.0020	0.0000	OK
960 minute summer	SWMH 22	495	65.080	0.022	1.2	0.0035	0.0000	OK
960 minute summer	GULLY 2	495	65.907	0.007	0.3	0.0016	0.0000	OK
960 minute summer	RWP 10	480	66.556	0.006	0.2	0.0009	0.0000	OK
960 minute summer	ACO 1	495	66.813	0.013	0.5	0.0178	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	GULLY 3	12.000	J 4	0.4	0.468	0.009	0.0015
960 minute summer	SWMH 22	11.003	SOAK 1	1.2	0.591	0.106	0.0075
960 minute summer	GULLY 2	13.000	SWMH 22	0.3	0.429	0.010	0.0026
960 minute summer	RWP 10	4.000	J 3	0.2	0.298	0.006	0.0011
960 minute summer	ACO 1	11.000	ACO 2	0.5	0.841	0.035	0.0022

Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	SWMH 14	780	66.426	0.016	0.4	0.0025	0.0000	OK
1440 minute summer	SWMH 5	750	66.144	0.013	1.2	0.0021	0.0000	OK
1440 minute summer	SOAK 2	750	64.938	0.030	2.1	0.1744	0.0000	OK
1440 minute summer	SWMH 1	690	66.537	0.009	0.1	0.0014	0.0000	OK
1440 minute summer	SWMH 2	690	66.361	0.009	0.1	0.0014	0.0000	OK
1440 minute summer	SWMH 11	720	66.498	0.012	0.2	0.0020	0.0000	OK
1440 minute summer	J 12	750	66.451	0.015	0.3	0.0000	0.0000	OK
1440 minute summer	J 11	750	66.467	0.015	0.3	0.0000	0.0000	OK
1440 minute summer	RWP 9	720	66.556	0.006	0.1	0.0005	0.0000	OK
1440 minute summer	RWP 7	630	66.559	0.009	0.1	0.0012	0.0000	OK
1440 minute summer	RWP 2	660	66.555	0.005	0.1	0.0005	0.0000	OK
1440 minute summer	SOAK 1	750	64.966	0.035	2.1	0.0000	0.0000	OK
1440 minute summer	RWP 6	720	66.556	0.006	0.1	0.0005	0.0000	OK
1440 minute summer	RWP 5	30	66.550	0.000	0.0	0.0000	0.0000	OK
1440 minute summer	RWP 3	750	66.557	0.007	0.2	0.0011	0.0000	OK
1440 minute summer	RWP 8	720	66.555	0.005	0.1	0.0004	0.0000	OK
1440 minute summer	RWP 1	690	66.559	0.009	0.1	0.0007	0.0000	OK
1440 minute summer	J 1	690	66.350	0.012	0.2	0.0000	0.0000	OK
1440 minute summer	J 2	750	66.261	0.017	0.4	0.0000	0.0000	OK
1440 minute summer	J 3	750	66.193	0.021	0.5	0.0000	0.0000	OK
1440 minute summer	ACO 2	750	65.911	0.011	0.4	0.0012	0.0000	OK
1440 minute summer	J 4	750	65.155	0.023	0.7	0.0000	0.0000	OK
1440 minute summer	GULLY 1	720	66.559	0.009	0.3	0.0032	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	SWMH 14	5.004	SWMH 5	0.4	0.588	0.050	0.0112
1440 minute summer	SWMH 5	1.006	SOAK 1	1.2	0.851	0.036	0.0061
1440 minute summer	SOAK 2	Infiltration		2.1			
1440 minute summer	SWMH 1	1.001	SWMH 2	0.1	0.290	0.017	0.0061
1440 minute summer	SWMH 2	1.002	J 1	0.1	0.224	0.017	0.0006
1440 minute summer	SWMH 11	5.001	J 11	0.2	0.306	0.033	0.0022
1440 minute summer	J 12	5.003	SWMH 14	0.3	0.385	0.050	0.0020
1440 minute summer	J 11	5.002	J 12	0.3	0.397	0.050	0.0012
1440 minute summer	RWP 9	9.000	SWMH 14	0.1	0.213	0.008	0.0016
1440 minute summer	RWP 7	5.000	SWMH 11	0.1	0.287	0.017	0.0029
1440 minute summer	RWP 2	2.000	J 1	0.1	0.429	0.004	0.0006
1440 minute summer	SOAK 1	1.007	SOAK 2	2.1	0.769	0.117	0.0063
1440 minute summer	RWP 6	6.000	SWMH 11	0.1	0.269	0.008	0.0006
1440 minute summer	RWP 5	8.000	J 12	0.0	0.000	0.000	0.0006
1440 minute summer	RWP 3	3.000	J 2	0.2	0.438	0.008	0.0011
1440 minute summer	RWP 8	7.000	J 11	0.1	0.238	0.005	0.0005
1440 minute summer	RWP 1	1.000	SWMH 1	0.1	0.287	0.017	0.0008
1440 minute summer	J 1	1.003	J 2	0.2	0.307	0.033	0.0069
1440 minute summer	J 2	1.004	J 3	0.4	0.387	0.066	0.0075
1440 minute summer	J 3	1.005	SWMH 5	0.5	0.580	0.083	0.0036
1440 minute summer	ACO 2	11.001	J 4	0.4	0.444	0.026	0.0111
1440 minute summer	J 4	11.002	SWMH 22	0.7	0.508	0.116	0.0071
1440 minute summer	GULLY 1	10.000	SWMH 5	0.3	0.724	0.016	0.0021

Results for 30 year 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	GULLY 3	750	65.906	0.006	0.3	0.0018	0.0000	OK
1440 minute summer	SWMH 22	750	65.077	0.019	0.9	0.0030	0.0000	OK
1440 minute summer	GULLY 2	720	65.906	0.006	0.2	0.0013	0.0000	OK
1440 minute summer	RWP 10	600	66.554	0.004	0.1	0.0006	0.0000	OK
1440 minute summer	ACO 1	750	66.812	0.012	0.4	0.0160	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	GULLY 3	12.000	J 4	0.3	0.423	0.007	0.0013
1440 minute summer	SWMH 22	11.003	SOAK 1	0.9	0.533	0.079	0.0063
1440 minute summer	GULLY 2	13.000	SWMH 22	0.2	0.409	0.007	0.0021
1440 minute summer	RWP 10	4.000	J 3	0.1	0.302	0.003	0.0009
1440 minute summer	ACO 1	11.000	ACO 2	0.4	0.786	0.028	0.0019

Results for 100 year +40% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.38%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	SWMH 14	11	66.479	0.069	6.2	0.0110	0.0000	OK
15 minute summer	SWMH 5	13	66.271	0.140	18.8	0.0223	0.0000	SURCHARGED
15 minute summer	SOAK 2	16	66.197	1.289	22.6	4.0349	0.0000	OK
15 minute summer	SWMH 1	11	66.559	0.031	1.3	0.0049	0.0000	OK
15 minute summer	SWMH 2	11	66.389	0.037	1.2	0.0059	0.0000	OK
15 minute summer	SWMH 11	11	66.544	0.058	3.3	0.0093	0.0000	OK
15 minute summer	J 12	11	66.510	0.074	5.0	0.0000	0.0000	OK
15 minute summer	J 11	11	66.521	0.069	4.3	0.0000	0.0000	OK
15 minute summer	RWP 9	11	66.571	0.021	1.2	0.0016	0.0000	OK
15 minute summer	RWP 7	10	66.590	0.040	2.1	0.0054	0.0000	OK
15 minute summer	RWP 2	10	66.568	0.018	1.6	0.0018	0.0000	OK
15 minute summer	SOAK 1	16	66.201	1.270	25.6	0.0000	0.0000	SURCHARGED
15 minute summer	RWP 6	11	66.571	0.021	1.2	0.0016	0.0000	OK
15 minute summer	RWP 5	11	66.563	0.013	0.6	0.0005	0.0000	OK
15 minute summer	RWP 3	10	66.573	0.023	2.7	0.0039	0.0000	OK
15 minute summer	RWP 8	10	66.566	0.016	1.1	0.0012	0.0000	OK
15 minute summer	RWP 1	10	66.583	0.033	1.3	0.0027	0.0000	OK
15 minute summer	J 1	11	66.385	0.047	2.7	0.0000	0.0000	OK
15 minute summer	J 2	11	66.321	0.077	5.4	0.0000	0.0000	OK
15 minute summer	J 3	13	66.302	0.130	7.5	0.0000	0.0000	SURCHARGED
15 minute summer	ACO 2	16	66.213	0.313	6.1	0.0344	0.0000	SURCHARGED
15 minute summer	J 4	16	66.210	1.078	10.5	0.0000	0.0000	SURCHARGED
15 minute summer	GULLY 1	10	66.587	0.037	5.6	0.0133	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	SWMH 14	5.004	SWMH 5	6.2	1.115	0.774	0.1038
15 minute summer	SWMH 5	1.006	SOAK 1	18.4	2.573	0.556	0.0320
15 minute summer	SOAK 2	Infiltration		6.9			
15 minute summer	SWMH 1	1.001	SWMH 2	1.2	0.561	0.207	0.0415
15 minute summer	SWMH 2	1.002	J 1	1.2	0.406	0.205	0.0042
15 minute summer	SWMH 11	5.001	J 11	3.2	0.623	0.538	0.0177
15 minute summer	J 12	5.003	SWMH 14	5.0	0.833	0.820	0.0154
15 minute summer	J 11	5.002	J 12	4.4	0.729	0.721	0.0097
15 minute summer	RWP 9	9.000	SWMH 14	1.2	0.662	0.093	0.0107
15 minute summer	RWP 7	5.000	SWMH 11	2.1	0.542	0.344	0.0246
15 minute summer	RWP 2	2.000	J 1	1.6	0.851	0.071	0.0036
15 minute summer	SOAK 1	1.007	SOAK 2	22.6	1.285	1.257	0.0394
15 minute summer	RWP 6	6.000	SWMH 11	1.2	0.482	0.094	0.0043
15 minute summer	RWP 5	8.000	J 12	0.6	0.526	0.037	0.0056
15 minute summer	RWP 3	3.000	J 2	2.7	1.213	0.111	0.0075
15 minute summer	RWP 8	7.000	J 11	1.1	0.772	0.058	0.0034
15 minute summer	RWP 1	1.000	SWMH 1	1.3	0.601	0.211	0.0046
15 minute summer	J 1	1.003	J 2	2.8	0.545	0.456	0.0473
15 minute summer	J 2	1.004	J 3	5.1	0.731	0.850	0.0516
15 minute summer	J 3	1.005	SWMH 5	7.3	1.138	1.208	0.0319
15 minute summer	ACO 2	11.001	J 4	5.8	0.895	0.375	0.0926
15 minute summer	J 4	11.002	SWMH 22	6.7	0.855	1.108	0.0402
15 minute summer	GULLY 1	10.000	SWMH 5	5.6	1.670	0.297	0.0216

Results for 100 year +40% CC 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.38%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	GULLY 3	17	66.209	0.309	4.7	0.0925	0.0000	SURCHARGED
15 minute summer	SWMH 22	16	66.205	1.147	10.1	0.1824	0.0000	SURCHARGED
15 minute summer	GULLY 2	16	66.206	0.306	3.6	0.0701	0.0000	SURCHARGED
15 minute summer	RWP 10	10	66.569	0.019	2.4	0.0029	0.0000	OK
15 minute summer	ACO 1	10	66.849	0.049	6.1	0.0664	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
15 minute summer	GULLY 3	12.000	J 4	4.7	1.495	0.111	0.0126
15 minute summer	SWMH 22	11.003	SOAK 1	7.1	0.910	0.628	0.0286
15 minute summer	GULLY 2	13.000	SWMH 22	3.6	1.285	0.117	0.0264
15 minute summer	RWP 10	4.000	J 3	2.4	1.382	0.076	0.0064
15 minute summer	ACO 1	11.000	ACO 2	6.1	1.667	0.425	0.0133

Results for 100 year +40% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.48%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	SWMH 14	18	66.477	0.067	6.1	0.0107	0.0000	OK
30 minute summer	SWMH 5	25	66.423	0.292	18.3	0.0464	0.0000	SURCHARGED
30 minute summer	SOAK 2	26	66.390	1.482	21.0	4.0349	0.0000	OK
30 minute summer	SWMH 1	18	66.558	0.030	1.2	0.0048	0.0000	OK
30 minute summer	SWMH 2	24	66.433	0.081	1.2	0.0128	0.0000	OK
30 minute summer	SWMH 11	18	66.544	0.058	3.2	0.0092	0.0000	OK
30 minute summer	J 12	18	66.509	0.073	4.9	0.0000	0.0000	OK
30 minute summer	J 11	18	66.520	0.068	4.3	0.0000	0.0000	OK
30 minute summer	RWP 9	18	66.571	0.021	1.2	0.0016	0.0000	OK
30 minute summer	RWP 7	18	66.590	0.040	2.0	0.0053	0.0000	OK
30 minute summer	RWP 2	18	66.568	0.018	1.5	0.0017	0.0000	OK
30 minute summer	SOAK 1	26	66.394	1.463	23.9	0.0000	0.0000	SURCHARGED
30 minute summer	RWP 6	18	66.571	0.021	1.2	0.0016	0.0000	OK
30 minute summer	RWP 5	18	66.563	0.013	0.6	0.0005	0.0000	OK
30 minute summer	RWP 3	18	66.572	0.022	2.6	0.0038	0.0000	OK
30 minute summer	RWP 8	18	66.566	0.016	1.1	0.0012	0.0000	OK
30 minute summer	RWP 1	18	66.581	0.031	1.2	0.0026	0.0000	OK
30 minute summer	J 1	25	66.433	0.095	2.6	0.0000	0.0000	OK
30 minute summer	J 2	24	66.431	0.187	5.2	0.0000	0.0000	SURCHARGED
30 minute summer	J 3	25	66.427	0.255	7.4	0.0000	0.0000	SURCHARGED
30 minute summer	ACO 2	26	66.414	0.514	5.9	0.0565	0.0000	SURCHARGED
30 minute summer	J 4	26	66.409	1.277	10.1	0.0000	0.0000	FLOOD RISK
30 minute summer	GULLY 1	18	66.587	0.037	5.4	0.0131	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
30 minute summer	SWMH 14	5.004	SWMH 5	6.0	1.086	0.759	0.1068
30 minute summer	SWMH 5	1.006	SOAK 1	17.4	2.442	0.525	0.0320
30 minute summer	SOAK 2	Infiltration		6.9			
30 minute summer	SWMH 1	1.001	SWMH 2	1.2	0.540	0.197	0.0677
30 minute summer	SWMH 2	1.002	J 1	1.2	0.392	0.195	0.0097
30 minute summer	SWMH 11	5.001	J 11	3.2	0.619	0.529	0.0174
30 minute summer	J 12	5.003	SWMH 14	4.9	0.849	0.804	0.0151
30 minute summer	J 11	5.002	J 12	4.3	0.727	0.708	0.0095
30 minute summer	RWP 9	9.000	SWMH 14	1.2	0.660	0.093	0.0105
30 minute summer	RWP 7	5.000	SWMH 11	2.0	0.536	0.331	0.0243
30 minute summer	RWP 2	2.000	J 1	1.5	0.884	0.067	0.0064
30 minute summer	SOAK 1	1.007	SOAK 2	21.0	1.193	1.167	0.0394
30 minute summer	RWP 6	6.000	SWMH 11	1.2	0.570	0.094	0.0043
30 minute summer	RWP 5	8.000	J 12	0.6	0.268	0.037	0.0055
30 minute summer	RWP 3	3.000	J 2	2.6	0.890	0.107	0.0086
30 minute summer	RWP 8	7.000	J 11	1.1	0.788	0.058	0.0033
30 minute summer	RWP 1	1.000	SWMH 1	1.2	0.590	0.199	0.0044
30 minute summer	J 1	1.003	J 2	2.6	0.546	0.434	0.0725
30 minute summer	J 2	1.004	J 3	5.1	0.727	0.850	0.0565
30 minute summer	J 3	1.005	SWMH 5	6.9	1.110	1.144	0.0319
30 minute summer	ACO 2	11.001	J 4	5.6	0.856	0.360	0.0926
30 minute summer	J 4	11.002	SWMH 22	6.3	0.808	1.047	0.0402
30 minute summer	GULLY 1	10.000	SWMH 5	5.4	1.578	0.288	0.0227

Results for 100 year +40% CC 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.48%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m ³)	Flood (m ³)	Status
30 minute summer	GULLY 3	26	66.410	0.510	4.5	0.1524	0.0000	FLOOD RISK
30 minute summer	SWMH 22	26	66.403	1.345	9.8	0.2138	0.0000	FLOOD RISK
30 minute summer	GULLY 2	26	66.403	0.503	3.9	0.1152	0.0000	FLOOD RISK
30 minute summer	RWP 10	18	66.568	0.018	2.3	0.0028	0.0000	OK
30 minute summer	ACO 1	18	66.848	0.048	5.9	0.0653	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m ³)
30 minute summer	GULLY 3	12.000	J 4	4.5	1.613	0.106	0.0126
30 minute summer	SWMH 22	11.003	SOAK 1	6.6	0.841	0.581	0.0286
30 minute summer	GULLY 2	13.000	SWMH 22	3.5	1.332	0.115	0.0264
30 minute summer	RWP 10	4.000	J 3	2.3	0.839	0.073	0.0064
30 minute summer	ACO 1	11.000	ACO 2	5.9	1.658	0.414	0.0130

Results for 100 year +40% CC 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	SWMH 14	43	66.494	0.084	5.0	0.0133	0.0000	OK
60 minute summer	SWMH 5	42	66.487	0.356	15.4	0.0566	0.0000	SURCHARGED
60 minute summer	SOAK 2	43	66.461	1.553	18.4	4.0349	0.0000	OK
60 minute summer	SWMH 1	34	66.556	0.028	1.0	0.0044	0.0000	OK
60 minute summer	SWMH 2	43	66.495	0.143	1.0	0.0227	0.0000	SURCHARGED
60 minute summer	SWMH 11	33	66.536	0.050	2.6	0.0080	0.0000	OK
60 minute summer	J 12	33	66.499	0.063	4.0	0.0000	0.0000	OK
60 minute summer	J 11	33	66.511	0.059	3.5	0.0000	0.0000	OK
60 minute summer	RWP 9	33	66.569	0.019	1.0	0.0015	0.0000	OK
60 minute summer	RWP 7	33	66.585	0.035	1.6	0.0047	0.0000	OK
60 minute summer	RWP 2	33	66.566	0.016	1.2	0.0016	0.0000	OK
60 minute summer	SOAK 1	43	66.464	1.533	20.6	0.0000	0.0000	SURCHARGED
60 minute summer	RWP 6	33	66.569	0.019	1.0	0.0015	0.0000	OK
60 minute summer	RWP 5	33	66.562	0.012	0.5	0.0005	0.0000	OK
60 minute summer	RWP 3	33	66.570	0.020	2.1	0.0034	0.0000	OK
60 minute summer	RWP 8	33	66.565	0.015	0.9	0.0011	0.0000	OK
60 minute summer	RWP 1	34	66.579	0.029	1.0	0.0023	0.0000	OK
60 minute summer	J 1	43	66.495	0.157	2.2	0.0000	0.0000	SURCHARGED
60 minute summer	J 2	43	66.493	0.249	4.3	0.0000	0.0000	SURCHARGED
60 minute summer	J 3	42	66.490	0.318	6.2	0.0000	0.0000	SURCHARGED
60 minute summer	ACO 2	42	66.489	0.589	4.8	0.0648	0.0000	SURCHARGED
60 minute summer	J 4	43	66.483	1.351	8.3	0.0000	0.0000	FLOOD RISK
60 minute summer	GULLY 1	33	66.583	0.033	4.4	0.0117	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
60 minute summer	SWMH 14	5.004	SWMH 5	5.0	1.036	0.632	0.1198
60 minute summer	SWMH 5	1.006	SOAK 1	14.6	2.102	0.440	0.0320
60 minute summer	SOAK 2	Infiltration		6.9			
60 minute summer	SWMH 1	1.001	SWMH 2	1.0	0.527	0.166	0.0783
60 minute summer	SWMH 2	1.002	J 1	1.0	0.391	0.165	0.0106
60 minute summer	SWMH 11	5.001	J 11	2.6	0.596	0.430	0.0147
60 minute summer	J 12	5.003	SWMH 14	4.0	0.813	0.661	0.0153
60 minute summer	J 11	5.002	J 12	3.5	0.700	0.578	0.0081
60 minute summer	RWP 9	9.000	SWMH 14	1.0	0.661	0.077	0.0114
60 minute summer	RWP 7	5.000	SWMH 11	1.6	0.516	0.265	0.0205
60 minute summer	RWP 2	2.000	J 1	1.2	0.888	0.054	0.0066
60 minute summer	SOAK 1	1.007	SOAK 2	18.4	1.079	1.020	0.0394
60 minute summer	RWP 6	6.000	SWMH 11	1.0	0.432	0.079	0.0037
60 minute summer	RWP 5	8.000	J 12	0.5	0.229	0.031	0.0047
60 minute summer	RWP 3	3.000	J 2	2.1	0.923	0.087	0.0085
60 minute summer	RWP 8	7.000	J 11	0.9	0.747	0.048	0.0028
60 minute summer	RWP 1	1.000	SWMH 1	1.0	0.561	0.166	0.0039
60 minute summer	J 1	1.003	J 2	2.2	0.539	0.364	0.0732
60 minute summer	J 2	1.004	J 3	4.3	0.704	0.707	0.0565
60 minute summer	J 3	1.005	SWMH 5	6.0	1.073	0.993	0.0319
60 minute summer	ACO 2	11.001	J 4	4.6	0.738	0.296	0.0926
60 minute summer	J 4	11.002	SWMH 22	5.5	0.742	0.906	0.0402
60 minute summer	GULLY 1	10.000	SWMH 5	4.4	1.475	0.234	0.0221

Results for 100 year +40% CC 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 (m ³)	Flood (m ³)	Status
60 minute summer	GULLY 3	43	66.484	0.584	3.7	0.1745	0.0000	FLOOD RISK
60 minute summer	SWMH 22	43	66.475	1.417	8.3	0.2253	0.0000	FLOOD RISK
60 minute summer	GULLY 2	43	66.476	0.576	2.8	0.1319	0.0000	FLOOD RISK
60 minute summer	RWP 10	33	66.567	0.017	1.9	0.0026	0.0000	OK
60 minute summer	ACO 1	33	66.842	0.042	4.8	0.0578	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m ³)
60 minute summer	GULLY 3	12.000	J 4	3.7	0.868	0.087	0.0126
60 minute summer	SWMH 22	11.003	SOAK 1	6.0	0.763	0.527	0.0286
60 minute summer	GULLY 2	13.000	SWMH 22	2.8	0.809	0.092	0.0264
60 minute summer	RWP 10	4.000	J 3	1.9	0.988	0.061	0.0062
60 minute summer	ACO 1	11.000	ACO 2	4.8	1.576	0.337	0.0112

Results for 100 year +40% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	SWMH 14	62	66.455	0.045	3.2	0.0072	0.0000	OK
120 minute summer	SWMH 5	76	66.371	0.240	10.3	0.0382	0.0000	SURCHARGED
120 minute summer	SOAK 2	78	66.344	1.436	13.2	4.0349	0.0000	OK
120 minute summer	SWMH 1	64	66.551	0.023	0.7	0.0037	0.0000	OK
120 minute summer	SWMH 2	78	66.378	0.026	0.7	0.0041	0.0000	OK
120 minute summer	SWMH 11	64	66.525	0.039	1.7	0.0062	0.0000	OK
120 minute summer	J 12	64	66.484	0.048	2.6	0.0000	0.0000	OK
120 minute summer	J 11	64	66.497	0.045	2.3	0.0000	0.0000	OK
120 minute summer	RWP 9	64	66.565	0.015	0.6	0.0011	0.0000	OK
120 minute summer	RWP 7	64	66.579	0.029	1.1	0.0039	0.0000	OK
120 minute summer	RWP 2	64	66.563	0.013	0.8	0.0013	0.0000	OK
120 minute summer	SOAK 1	78	66.347	1.416	14.4	0.0000	0.0000	SURCHARGED
120 minute summer	RWP 6	64	66.565	0.015	0.6	0.0012	0.0000	OK
120 minute summer	RWP 5	62	66.560	0.010	0.3	0.0004	0.0000	OK
120 minute summer	RWP 3	64	66.566	0.016	1.4	0.0028	0.0000	OK
120 minute summer	RWP 8	64	66.562	0.012	0.6	0.0009	0.0000	OK
120 minute summer	RWP 1	64	66.574	0.024	0.7	0.0019	0.0000	OK
120 minute summer	J 1	78	66.379	0.041	1.5	0.0000	0.0000	OK
120 minute summer	J 2	78	66.377	0.133	2.9	0.0000	0.0000	SURCHARGED
120 minute summer	J 3	78	66.374	0.202	4.2	0.0000	0.0000	SURCHARGED
120 minute summer	ACO 2	76	66.372	0.472	3.2	0.0519	0.0000	SURCHARGED
120 minute summer	J 4	76	66.366	1.234	5.7	0.0000	0.0000	FLOOD RISK
120 minute summer	GULLY 1	64	66.577	0.027	2.9	0.0095	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	SWMH 14	5.004	SWMH 5	3.2	0.990	0.406	0.0879
120 minute summer	SWMH 5	1.006	SOAK 1	10.0	1.561	0.301	0.0320
120 minute summer	SOAK 2	Infiltration		6.9			
120 minute summer	SWMH 1	1.001	SWMH 2	0.7	0.481	0.116	0.0258
120 minute summer	SWMH 2	1.002	J 1	0.7	0.358	0.114	0.0032
120 minute summer	SWMH 11	5.001	J 11	1.7	0.546	0.282	0.0105
120 minute summer	J 12	5.003	SWMH 14	2.6	0.731	0.431	0.0092
120 minute summer	J 11	5.002	J 12	2.3	0.643	0.381	0.0058
120 minute summer	RWP 9	9.000	SWMH 14	0.6	0.458	0.046	0.0064
120 minute summer	RWP 7	5.000	SWMH 11	1.1	0.472	0.182	0.0150
120 minute summer	RWP 2	2.000	J 1	0.8	0.594	0.036	0.0027
120 minute summer	SOAK 1	1.007	SOAK 2	13.2	0.970	0.733	0.0394
120 minute summer	RWP 6	6.000	SWMH 11	0.6	0.371	0.047	0.0026
120 minute summer	RWP 5	8.000	J 12	0.3	0.185	0.019	0.0034
120 minute summer	RWP 3	3.000	J 2	1.4	0.653	0.058	0.0081
120 minute summer	RWP 8	7.000	J 11	0.6	0.736	0.032	0.0020
120 minute summer	RWP 1	1.000	SWMH 1	0.7	0.507	0.116	0.0030
120 minute summer	J 1	1.003	J 2	1.5	0.488	0.246	0.0509
120 minute summer	J 2	1.004	J 3	2.9	0.643	0.477	0.0565
120 minute summer	J 3	1.005	SWMH 5	4.2	1.007	0.689	0.0319
120 minute summer	ACO 2	11.001	J 4	3.2	0.661	0.206	0.0926
120 minute summer	J 4	11.002	SWMH 22	4.0	0.726	0.665	0.0402
120 minute summer	GULLY 1	10.000	SWMH 5	2.9	1.333	0.154	0.0205

Results for 100 year +40% CC 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	GULLY 3	76	66.366	0.466	2.5	0.1394	0.0000	FLOOD RISK
120 minute summer	SWMH 22	78	66.357	1.299	5.9	0.2066	0.0000	FLOOD RISK
120 minute summer	GULLY 2	76	66.358	0.458	2.2	0.1049	0.0000	FLOOD RISK
120 minute summer	RWP 10	64	66.564	0.014	1.3	0.0021	0.0000	OK
120 minute summer	ACO 1	64	66.834	0.034	3.2	0.0460	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
120 minute summer	GULLY 3	12.000	J 4	2.5	0.700	0.059	0.0126
120 minute summer	SWMH 22	11.003	SOAK 1	4.6	0.645	0.407	0.0286
120 minute summer	GULLY 2	13.000	SWMH 22	1.9	0.635	0.062	0.0264
120 minute summer	RWP 10	4.000	J 3	1.3	0.488	0.042	0.0060
120 minute summer	ACO 1	11.000	ACO 2	3.2	1.420	0.225	0.0083

Results for 100 year +40% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	SWMH 14	96	66.450	0.040	2.5	0.0063	0.0000	OK
180 minute summer	SWMH 5	108	66.194	0.063	7.9	0.0100	0.0000	OK
180 minute summer	SOAK 2	112	66.178	1.270	10.6	4.0349	0.0000	OK
180 minute summer	SWMH 1	96	66.547	0.019	0.5	0.0031	0.0000	OK
180 minute summer	SWMH 2	96	66.373	0.021	0.5	0.0033	0.0000	OK
180 minute summer	SWMH 11	96	66.519	0.033	1.3	0.0053	0.0000	OK
180 minute summer	J 12	96	66.478	0.042	2.0	0.0000	0.0000	OK
180 minute summer	J 11	96	66.490	0.038	1.7	0.0000	0.0000	OK
180 minute summer	RWP 9	96	66.563	0.013	0.5	0.0011	0.0000	OK
180 minute summer	RWP 7	96	66.575	0.025	0.8	0.0033	0.0000	OK
180 minute summer	RWP 2	96	66.561	0.011	0.6	0.0011	0.0000	OK
180 minute summer	SOAK 1	112	66.181	1.250	11.4	0.0000	0.0000	SURCHARGED
180 minute summer	RWP 6	96	66.564	0.014	0.5	0.0011	0.0000	OK
180 minute summer	RWP 5	96	66.560	0.010	0.3	0.0004	0.0000	OK
180 minute summer	RWP 3	96	66.565	0.015	1.1	0.0025	0.0000	OK
180 minute summer	RWP 8	92	66.560	0.010	0.4	0.0007	0.0000	OK
180 minute summer	RWP 1	96	66.570	0.020	0.5	0.0016	0.0000	OK
180 minute summer	J 1	96	66.367	0.029	1.1	0.0000	0.0000	OK
180 minute summer	J 2	96	66.286	0.042	2.2	0.0000	0.0000	OK
180 minute summer	J 3	96	66.225	0.053	3.2	0.0000	0.0000	OK
180 minute summer	ACO 2	112	66.205	0.305	2.4	0.0335	0.0000	SURCHARGED
180 minute summer	J 4	112	66.199	1.067	4.3	0.0000	0.0000	SURCHARGED
180 minute summer	GULLY 1	96	66.573	0.023	2.2	0.0082	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	SWMH 14	5.004	SWMH 5	2.5	0.945	0.316	0.0577
180 minute summer	SWMH 5	1.006	SOAK 1	7.8	1.275	0.235	0.0265
180 minute summer	SOAK 2	Infiltration		6.9			
180 minute summer	SWMH 1	1.001	SWMH 2	0.5	0.446	0.083	0.0199
180 minute summer	SWMH 2	1.002	J 1	0.5	0.329	0.083	0.0021
180 minute summer	SWMH 11	5.001	J 11	1.3	0.518	0.215	0.0085
180 minute summer	J 12	5.003	SWMH 14	2.0	0.671	0.332	0.0077
180 minute summer	J 11	5.002	J 12	1.7	0.584	0.282	0.0047
180 minute summer	RWP 9	9.000	SWMH 14	0.5	0.300	0.039	0.0054
180 minute summer	RWP 7	5.000	SWMH 11	0.8	0.429	0.133	0.0121
180 minute summer	RWP 2	2.000	J 1	0.6	0.645	0.027	0.0019
180 minute summer	SOAK 1	1.007	SOAK 2	10.6	0.880	0.588	0.0394
180 minute summer	RWP 6	6.000	SWMH 11	0.5	0.361	0.039	0.0021
180 minute summer	RWP 5	8.000	J 12	0.3	0.191	0.019	0.0028
180 minute summer	RWP 3	3.000	J 2	1.1	0.624	0.045	0.0037
180 minute summer	RWP 8	7.000	J 11	0.4	0.304	0.021	0.0016
180 minute summer	RWP 1	1.000	SWMH 1	0.5	0.460	0.083	0.0024
180 minute summer	J 1	1.003	J 2	1.1	0.445	0.182	0.0232
180 minute summer	J 2	1.004	J 3	2.2	0.600	0.364	0.0265
180 minute summer	J 3	1.005	SWMH 5	3.2	0.971	0.530	0.0161
180 minute summer	ACO 2	11.001	J 4	2.4	0.613	0.154	0.0926
180 minute summer	J 4	11.002	SWMH 22	3.2	0.710	0.535	0.0402
180 minute summer	GULLY 1	10.000	SWMH 5	2.2	1.237	0.117	0.0134

Results for 100 year +40% CC 180 minute summer. 420 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
180 minute summer	GULLY 3	112	66.200	0.300	1.9	0.0896	0.0000	SURCHARGED
180 minute summer	SWMH 22	112	66.192	1.134	4.6	0.1803	0.0000	SURCHARGED
180 minute summer	GULLY 2	112	66.192	0.292	1.4	0.0669	0.0000	SURCHARGED
180 minute summer	RWP 10	96	66.562	0.012	1.0	0.0019	0.0000	OK
180 minute summer	ACO 1	96	66.829	0.029	2.4	0.0394	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
180 minute summer	GULLY 3	12.000	J 4	1.9	0.605	0.045	0.0126
180 minute summer	SWMH 22	11.003	SOAK 1	4.0	0.629	0.353	0.0286
180 minute summer	GULLY 2	13.000	SWMH 22	1.4	0.514	0.046	0.0264
180 minute summer	RWP 10	4.000	J 3	1.0	0.610	0.032	0.0035
180 minute summer	ACO 1	11.000	ACO 2	2.4	1.315	0.169	0.0067

Results for 100 year +40% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	SWMH 14	124	66.447	0.037	2.1	0.0058	0.0000	OK
240 minute summer	SWMH 5	136	66.166	0.035	6.6	0.0056	0.0000	OK
240 minute summer	SOAK 2	140	65.978	1.070	9.6	4.0349	0.0000	OK
240 minute summer	SWMH 1	120	66.545	0.017	0.4	0.0028	0.0000	OK
240 minute summer	SWMH 2	132	66.370	0.018	0.4	0.0029	0.0000	OK
240 minute summer	SWMH 11	124	66.516	0.030	1.1	0.0048	0.0000	OK
240 minute summer	J 12	124	66.474	0.038	1.7	0.0000	0.0000	OK
240 minute summer	J 11	124	66.487	0.035	1.5	0.0000	0.0000	OK
240 minute summer	RWP 9	124	66.562	0.012	0.4	0.0009	0.0000	OK
240 minute summer	RWP 7	124	66.573	0.023	0.7	0.0031	0.0000	OK
240 minute summer	RWP 2	124	66.560	0.010	0.5	0.0010	0.0000	OK
240 minute summer	SOAK 1	140	65.982	1.051	10.2	0.0000	0.0000	SURCHARGED
240 minute summer	RWP 6	124	66.562	0.012	0.4	0.0010	0.0000	OK
240 minute summer	RWP 5	120	66.558	0.008	0.2	0.0003	0.0000	OK
240 minute summer	RWP 3	124	66.563	0.013	0.9	0.0023	0.0000	OK
240 minute summer	RWP 8	124	66.560	0.010	0.4	0.0007	0.0000	OK
240 minute summer	RWP 1	124	66.568	0.018	0.4	0.0015	0.0000	OK
240 minute summer	J 1	124	66.364	0.026	0.9	0.0000	0.0000	OK
240 minute summer	J 2	124	66.281	0.037	1.8	0.0000	0.0000	OK
240 minute summer	J 3	124	66.220	0.048	2.6	0.0000	0.0000	OK
240 minute summer	ACO 2	140	66.005	0.105	2.1	0.0115	0.0000	SURCHARGED
240 minute summer	J 4	140	65.999	0.867	3.7	0.0000	0.0000	SURCHARGED
240 minute summer	GULLY 1	124	66.572	0.022	1.9	0.0077	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	SWMH 14	5.004	SWMH 5	2.1	0.917	0.265	0.0382
240 minute summer	SWMH 5	1.006	SOAK 1	6.6	1.126	0.199	0.0210
240 minute summer	SOAK 2	Infiltration		6.9			
240 minute summer	SWMH 1	1.001	SWMH 2	0.4	0.423	0.066	0.0168
240 minute summer	SWMH 2	1.002	J 1	0.4	0.322	0.066	0.0018
240 minute summer	SWMH 11	5.001	J 11	1.1	0.493	0.182	0.0075
240 minute summer	J 12	5.003	SWMH 14	1.7	0.641	0.282	0.0069
240 minute summer	J 11	5.002	J 12	1.5	0.578	0.248	0.0042
240 minute summer	RWP 9	9.000	SWMH 14	0.4	0.285	0.031	0.0049
240 minute summer	RWP 7	5.000	SWMH 11	0.7	0.421	0.116	0.0108
240 minute summer	RWP 2	2.000	J 1	0.5	0.668	0.022	0.0016
240 minute summer	SOAK 1	1.007	SOAK 2	9.6	0.846	0.532	0.0394
240 minute summer	RWP 6	6.000	SWMH 11	0.4	0.334	0.031	0.0019
240 minute summer	RWP 5	8.000	J 12	0.2	0.175	0.012	0.0025
240 minute summer	RWP 3	3.000	J 2	0.9	0.677	0.037	0.0032
240 minute summer	RWP 8	7.000	J 11	0.4	0.304	0.021	0.0015
240 minute summer	RWP 1	1.000	SWMH 1	0.4	0.431	0.066	0.0020
240 minute summer	J 1	1.003	J 2	0.9	0.422	0.149	0.0201
240 minute summer	J 2	1.004	J 3	1.8	0.569	0.298	0.0229
240 minute summer	J 3	1.005	SWMH 5	2.6	0.926	0.431	0.0118
240 minute summer	ACO 2	11.001	J 4	2.1	0.586	0.135	0.0926
240 minute summer	J 4	11.002	SWMH 22	3.0	0.691	0.490	0.0402
240 minute summer	GULLY 1	10.000	SWMH 5	1.9	1.187	0.101	0.0076

Results for 100 year +40% CC 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	GULLY 3	140	66.000	0.100	1.6	0.0299	0.0000	OK
240 minute summer	SWMH 22	140	65.992	0.934	4.2	0.1484	0.0000	SURCHARGED
240 minute summer	GULLY 2	140	65.992	0.092	1.2	0.0211	0.0000	OK
240 minute summer	RWP 10	124	66.561	0.011	0.8	0.0017	0.0000	OK
240 minute summer	ACO 1	124	66.827	0.027	2.1	0.0367	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
240 minute summer	GULLY 3	12.000	J 4	1.6	0.599	0.038	0.0126
240 minute summer	SWMH 22	11.003	SOAK 1	3.6	0.614	0.314	0.0286
240 minute summer	GULLY 2	13.000	SWMH 22	1.2	0.514	0.039	0.0259
240 minute summer	RWP 10	4.000	J 3	0.8	0.616	0.026	0.0030
240 minute summer	ACO 1	11.000	ACO 2	2.1	1.267	0.147	0.0061

Results for 100 year +40% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	SWMH 14	184	66.443	0.033	1.7	0.0052	0.0000	OK
360 minute summer	SWMH 5	184	66.158	0.027	5.2	0.0042	0.0000	OK
360 minute summer	SOAK 2	200	65.576	0.668	7.8	3.8475	0.0000	OK
360 minute summer	SWMH 1	192	66.543	0.015	0.3	0.0024	0.0000	OK
360 minute summer	SWMH 2	184	66.367	0.015	0.3	0.0025	0.0000	OK
360 minute summer	SWMH 11	184	66.513	0.027	0.9	0.0043	0.0000	OK
360 minute summer	J 12	184	66.470	0.034	1.4	0.0000	0.0000	OK
360 minute summer	J 11	184	66.483	0.031	1.2	0.0000	0.0000	OK
360 minute summer	RWP 9	184	66.561	0.011	0.3	0.0008	0.0000	OK
360 minute summer	RWP 7	184	66.571	0.021	0.6	0.0028	0.0000	OK
360 minute summer	RWP 2	184	66.559	0.009	0.4	0.0009	0.0000	OK
360 minute summer	SOAK 1	200	65.579	0.648	8.2	0.0000	0.0000	SURCHARGED
360 minute summer	RWP 6	184	66.561	0.011	0.3	0.0008	0.0000	OK
360 minute summer	RWP 5	184	66.558	0.008	0.2	0.0003	0.0000	OK
360 minute summer	RWP 3	184	66.562	0.012	0.7	0.0020	0.0000	OK
360 minute summer	RWP 8	184	66.559	0.009	0.3	0.0006	0.0000	OK
360 minute summer	RWP 1	184	66.565	0.015	0.3	0.0013	0.0000	OK
360 minute summer	J 1	184	66.361	0.023	0.7	0.0000	0.0000	OK
360 minute summer	J 2	184	66.277	0.033	1.4	0.0000	0.0000	OK
360 minute summer	J 3	184	66.213	0.041	2.0	0.0000	0.0000	OK
360 minute summer	ACO 2	184	65.922	0.022	1.6	0.0024	0.0000	OK
360 minute summer	J 4	200	65.598	0.466	2.9	0.0000	0.0000	SURCHARGED
360 minute summer	GULLY 1	184	66.569	0.019	1.5	0.0068	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	SWMH 14	5.004	SWMH 5	1.7	0.864	0.209	0.0312
360 minute summer	SWMH 5	1.006	SOAK 1	5.1	0.934	0.155	0.0194
360 minute summer	SOAK 2	Infiltration		6.8			
360 minute summer	SWMH 1	1.001	SWMH 2	0.3	0.398	0.050	0.0133
360 minute summer	SWMH 2	1.002	J 1	0.3	0.286	0.050	0.0014
360 minute summer	SWMH 11	5.001	J 11	0.9	0.473	0.147	0.0064
360 minute summer	J 12	5.003	SWMH 14	1.4	0.607	0.228	0.0058
360 minute summer	J 11	5.002	J 12	1.2	0.545	0.196	0.0036
360 minute summer	RWP 9	9.000	SWMH 14	0.3	0.261	0.023	0.0041
360 minute summer	RWP 7	5.000	SWMH 11	0.6	0.411	0.099	0.0093
360 minute summer	RWP 2	2.000	J 1	0.4	0.501	0.018	0.0014
360 minute summer	SOAK 1	1.007	SOAK 2	7.8	0.790	0.435	0.0394
360 minute summer	RWP 6	6.000	SWMH 11	0.3	0.314	0.024	0.0016
360 minute summer	RWP 5	8.000	J 12	0.2	0.166	0.012	0.0021
360 minute summer	RWP 3	3.000	J 2	0.7	0.541	0.029	0.0027
360 minute summer	RWP 8	7.000	J 11	0.3	0.288	0.016	0.0012
360 minute summer	RWP 1	1.000	SWMH 1	0.3	0.396	0.050	0.0016
360 minute summer	J 1	1.003	J 2	0.7	0.405	0.116	0.0167
360 minute summer	J 2	1.004	J 3	1.4	0.531	0.231	0.0190
360 minute summer	J 3	1.005	SWMH 5	2.0	0.855	0.330	0.0096
360 minute summer	ACO 2	11.001	J 4	1.6	0.614	0.102	0.0537
360 minute summer	J 4	11.002	SWMH 22	2.4	0.646	0.402	0.0402
360 minute summer	GULLY 1	10.000	SWMH 5	1.5	1.114	0.080	0.0060

Results for 100 year +40% CC 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	GULLY 3	184	65.912	0.012	1.3	0.0035	0.0000	OK
360 minute summer	SWMH 22	200	65.590	0.532	3.4	0.0846	0.0000	SURCHARGED
360 minute summer	GULLY 2	184	65.912	0.012	1.0	0.0028	0.0000	OK
360 minute summer	RWP 10	184	66.560	0.010	0.6	0.0015	0.0000	OK
360 minute summer	ACO 1	184	66.823	0.023	1.6	0.0318	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
360 minute summer	GULLY 3	12.000	J 4	1.3	0.583	0.031	0.0067
360 minute summer	SWMH 22	11.003	SOAK 1	3.1	0.623	0.269	0.0286
360 minute summer	GULLY 2	13.000	SWMH 22	1.0	0.536	0.033	0.0142
360 minute summer	RWP 10	4.000	J 3	0.6	0.403	0.019	0.0025
360 minute summer	ACO 1	11.000	ACO 2	1.6	1.175	0.112	0.0050

Results for 100 year +40% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	SWMH 14	248	66.440	0.030	1.4	0.0047	0.0000	OK
480 minute summer	SWMH 5	248	66.155	0.024	4.3	0.0039	0.0000	OK
480 minute summer	SOAK 2	264	65.430	0.522	6.7	3.0083	0.0000	OK
480 minute summer	SWMH 1	248	66.543	0.015	0.3	0.0024	0.0000	OK
480 minute summer	SWMH 2	248	66.368	0.016	0.3	0.0025	0.0000	OK
480 minute summer	SWMH 11	248	66.511	0.025	0.8	0.0040	0.0000	OK
480 minute summer	J 12	248	66.466	0.030	1.1	0.0000	0.0000	OK
480 minute summer	J 11	248	66.480	0.028	1.0	0.0000	0.0000	OK
480 minute summer	RWP 9	248	66.561	0.011	0.3	0.0008	0.0000	OK
480 minute summer	RWP 7	248	66.569	0.019	0.5	0.0026	0.0000	OK
480 minute summer	RWP 2	232	66.558	0.008	0.3	0.0008	0.0000	OK
480 minute summer	SOAK 1	264	65.433	0.502	6.9	0.0000	0.0000	SURCHARGED
480 minute summer	RWP 6	248	66.561	0.011	0.3	0.0008	0.0000	OK
480 minute summer	RWP 5	200	66.556	0.006	0.1	0.0002	0.0000	OK
480 minute summer	RWP 3	248	66.561	0.011	0.6	0.0019	0.0000	OK
480 minute summer	RWP 8	224	66.557	0.007	0.2	0.0005	0.0000	OK
480 minute summer	RWP 1	248	66.565	0.015	0.3	0.0013	0.0000	OK
480 minute summer	J 1	248	66.359	0.021	0.6	0.0000	0.0000	OK
480 minute summer	J 2	248	66.274	0.030	1.2	0.0000	0.0000	OK
480 minute summer	J 3	248	66.210	0.038	1.7	0.0000	0.0000	OK
480 minute summer	ACO 2	248	65.920	0.020	1.3	0.0022	0.0000	OK
480 minute summer	J 4	264	65.447	0.315	2.3	0.0000	0.0000	SURCHARGED
480 minute summer	GULLY 1	248	66.567	0.017	1.2	0.0061	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	SWMH 14	5.004	SWMH 5	1.4	0.824	0.176	0.0275
480 minute summer	SWMH 5	1.006	SOAK 1	4.3	0.958	0.130	0.0190
480 minute summer	SOAK 2	Infiltration		6.0			
480 minute summer	SWMH 1	1.001	SWMH 2	0.3	0.394	0.050	0.0135
480 minute summer	SWMH 2	1.002	J 1	0.3	0.302	0.050	0.0013
480 minute summer	SWMH 11	5.001	J 11	0.8	0.477	0.133	0.0057
480 minute summer	J 12	5.003	SWMH 14	1.1	0.561	0.182	0.0050
480 minute summer	J 11	5.002	J 12	1.0	0.529	0.166	0.0031
480 minute summer	RWP 9	9.000	SWMH 14	0.3	0.270	0.023	0.0037
480 minute summer	RWP 7	5.000	SWMH 11	0.5	0.384	0.083	0.0084
480 minute summer	RWP 2	2.000	J 1	0.3	0.461	0.013	0.0012
480 minute summer	SOAK 1	1.007	SOAK 2	6.7	0.795	0.375	0.0394
480 minute summer	RWP 6	6.000	SWMH 11	0.3	0.315	0.024	0.0015
480 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0018
480 minute summer	RWP 3	3.000	J 2	0.6	0.527	0.025	0.0024
480 minute summer	RWP 8	7.000	J 11	0.2	0.263	0.011	0.0011
480 minute summer	RWP 1	1.000	SWMH 1	0.3	0.397	0.050	0.0016
480 minute summer	J 1	1.003	J 2	0.6	0.377	0.099	0.0150
480 minute summer	J 2	1.004	J 3	1.2	0.510	0.199	0.0170
480 minute summer	J 3	1.005	SWMH 5	1.7	0.822	0.282	0.0085
480 minute summer	ACO 2	11.001	J 4	1.3	0.560	0.084	0.0527
480 minute summer	J 4	11.002	SWMH 22	2.0	0.656	0.339	0.0402
480 minute summer	GULLY 1	10.000	SWMH 5	1.2	1.036	0.064	0.0052

Results for 100 year +40% CC 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	GULLY 3	248	65.910	0.010	1.0	0.0031	0.0000	OK
480 minute summer	SWMH 22	264	65.441	0.383	2.8	0.0609	0.0000	SURCHARGED
480 minute summer	GULLY 2	248	65.911	0.011	0.8	0.0026	0.0000	OK
480 minute summer	RWP 10	240	66.559	0.009	0.5	0.0014	0.0000	OK
480 minute summer	ACO 1	248	66.821	0.021	1.3	0.0286	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
480 minute summer	GULLY 3	12.000	J 4	1.0	0.561	0.024	0.0066
480 minute summer	SWMH 22	11.003	SOAK 1	2.6	0.609	0.233	0.0286
480 minute summer	GULLY 2	13.000	SWMH 22	0.8	0.509	0.026	0.0140
480 minute summer	RWP 10	4.000	J 3	0.5	0.389	0.016	0.0022
480 minute summer	ACO 1	11.000	ACO 2	1.3	1.109	0.091	0.0043

Results for 100 year +40% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	SWMH 14	315	66.436	0.026	1.1	0.0042	0.0000	OK
600 minute summer	SWMH 5	315	66.153	0.022	3.5	0.0035	0.0000	OK
600 minute summer	SOAK 2	330	65.316	0.408	5.8	2.3524	0.0000	OK
600 minute summer	SWMH 1	300	66.541	0.013	0.2	0.0020	0.0000	OK
600 minute summer	SWMH 2	330	66.364	0.012	0.2	0.0020	0.0000	OK
600 minute summer	SWMH 11	315	66.508	0.022	0.6	0.0035	0.0000	OK
600 minute summer	J 12	315	66.463	0.027	0.9	0.0000	0.0000	OK
600 minute summer	J 11	315	66.477	0.025	0.8	0.0000	0.0000	OK
600 minute summer	RWP 9	300	66.559	0.009	0.2	0.0007	0.0000	OK
600 minute summer	RWP 7	315	66.567	0.017	0.4	0.0023	0.0000	OK
600 minute summer	RWP 2	315	66.558	0.008	0.3	0.0008	0.0000	OK
600 minute summer	SOAK 1	330	65.318	0.387	5.9	0.0000	0.0000	SURCHARGED
600 minute summer	RWP 6	300	66.559	0.009	0.2	0.0007	0.0000	OK
600 minute summer	RWP 5	270	66.556	0.006	0.1	0.0002	0.0000	OK
600 minute summer	RWP 3	315	66.560	0.010	0.5	0.0017	0.0000	OK
600 minute summer	RWP 8	300	66.557	0.007	0.2	0.0005	0.0000	OK
600 minute summer	RWP 1	330	66.563	0.013	0.2	0.0010	0.0000	OK
600 minute summer	J 1	315	66.357	0.019	0.5	0.0000	0.0000	OK
600 minute summer	J 2	315	66.272	0.028	1.0	0.0000	0.0000	OK
600 minute summer	J 3	315	66.206	0.034	1.4	0.0000	0.0000	OK
600 minute summer	ACO 2	315	65.918	0.018	1.1	0.0020	0.0000	OK
600 minute summer	J 4	330	65.329	0.197	1.9	0.0000	0.0000	SURCHARGED
600 minute summer	GULLY 1	315	66.566	0.016	1.0	0.0056	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	SWMH 14	5.004	SWMH 5	1.1	0.764	0.138	0.0233
600 minute summer	SWMH 5	1.006	SOAK 1	3.5	0.947	0.106	0.0186
600 minute summer	SOAK 2	Infiltration		5.4			
600 minute summer	SWMH 1	1.001	SWMH 2	0.2	0.356	0.033	0.0099
600 minute summer	SWMH 2	1.002	J 1	0.2	0.271	0.033	0.0011
600 minute summer	SWMH 11	5.001	J 11	0.6	0.430	0.099	0.0047
600 minute summer	J 12	5.003	SWMH 14	0.9	0.541	0.149	0.0043
600 minute summer	J 11	5.002	J 12	0.8	0.495	0.133	0.0026
600 minute summer	RWP 9	9.000	SWMH 14	0.2	0.249	0.015	0.0030
600 minute summer	RWP 7	5.000	SWMH 11	0.4	0.370	0.066	0.0070
600 minute summer	RWP 2	2.000	J 1	0.3	0.461	0.013	0.0011
600 minute summer	SOAK 1	1.007	SOAK 2	5.8	0.779	0.320	0.0394
600 minute summer	RWP 6	6.000	SWMH 11	0.2	0.292	0.016	0.0012
600 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0015
600 minute summer	RWP 3	3.000	J 2	0.5	0.495	0.021	0.0021
600 minute summer	RWP 8	7.000	J 11	0.2	0.265	0.011	0.0009
600 minute summer	RWP 1	1.000	SWMH 1	0.2	0.351	0.033	0.0012
600 minute summer	J 1	1.003	J 2	0.5	0.358	0.083	0.0132
600 minute summer	J 2	1.004	J 3	1.0	0.487	0.166	0.0149
600 minute summer	J 3	1.005	SWMH 5	1.4	0.779	0.232	0.0074
600 minute summer	ACO 2	11.001	J 4	1.1	0.549	0.071	0.0520
600 minute summer	J 4	11.002	SWMH 22	1.8	0.637	0.294	0.0402
600 minute summer	GULLY 1	10.000	SWMH 5	1.0	0.986	0.053	0.0045

Results for 100 year +40% CC 600 minute summer. 840 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
600 minute summer	GULLY 3	315	65.909	0.009	0.8	0.0028	0.0000	OK
600 minute summer	SWMH 22	330	65.325	0.267	2.5	0.0424	0.0000	SURCHARGED
600 minute summer	GULLY 2	315	65.910	0.010	0.7	0.0024	0.0000	OK
600 minute summer	RWP 10	300	66.558	0.008	0.4	0.0012	0.0000	OK
600 minute summer	ACO 1	315	66.819	0.019	1.1	0.0263	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
600 minute summer	GULLY 3	12.000	J 4	0.8	0.536	0.019	0.0066
600 minute summer	SWMH 22	11.003	SOAK 1	2.4	0.612	0.209	0.0286
600 minute summer	GULLY 2	13.000	SWMH 22	0.7	0.483	0.023	0.0139
600 minute summer	RWP 10	4.000	J 3	0.4	0.370	0.013	0.0019
600 minute summer	ACO 1	11.000	ACO 2	1.1	1.057	0.077	0.0038

Results for 100 year +40% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	SWMH 14	390	66.435	0.025	1.0	0.0040	0.0000	OK
720 minute summer	SWMH 5	375	66.152	0.021	3.2	0.0033	0.0000	OK
720 minute summer	SOAK 2	390	65.250	0.342	5.3	1.9715	0.0000	OK
720 minute summer	SWMH 1	360	66.541	0.013	0.2	0.0020	0.0000	OK
720 minute summer	SWMH 2	390	66.364	0.012	0.2	0.0020	0.0000	OK
720 minute summer	SWMH 11	390	66.506	0.020	0.5	0.0031	0.0000	OK
720 minute summer	J 12	390	66.461	0.025	0.8	0.0000	0.0000	OK
720 minute summer	J 11	390	66.475	0.023	0.7	0.0000	0.0000	OK
720 minute summer	RWP 9	360	66.559	0.009	0.2	0.0007	0.0000	OK
720 minute summer	RWP 7	360	66.565	0.015	0.3	0.0020	0.0000	OK
720 minute summer	RWP 2	375	66.558	0.008	0.3	0.0008	0.0000	OK
720 minute summer	SOAK 1	390	65.252	0.321	5.4	0.0000	0.0000	SURCHARGED
720 minute summer	RWP 6	360	66.559	0.009	0.2	0.0007	0.0000	OK
720 minute summer	RWP 5	330	66.556	0.006	0.1	0.0002	0.0000	OK
720 minute summer	RWP 3	360	66.559	0.009	0.4	0.0016	0.0000	OK
720 minute summer	RWP 8	360	66.557	0.007	0.2	0.0005	0.0000	OK
720 minute summer	RWP 1	390	66.563	0.013	0.2	0.0010	0.0000	OK
720 minute summer	J 1	375	66.357	0.019	0.5	0.0000	0.0000	OK
720 minute summer	J 2	375	66.270	0.026	0.9	0.0000	0.0000	OK
720 minute summer	J 3	375	66.205	0.033	1.3	0.0000	0.0000	OK
720 minute summer	ACO 2	375	65.917	0.017	1.0	0.0019	0.0000	OK
720 minute summer	J 4	390	65.261	0.129	1.8	0.0000	0.0000	SURCHARGED
720 minute summer	GULLY 1	375	66.565	0.015	0.9	0.0053	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	SWMH 14	5.004	SWMH 5	1.0	0.759	0.126	0.0218
720 minute summer	SWMH 5	1.006	SOAK 1	3.2	0.947	0.097	0.0184
720 minute summer	SOAK 2	Infiltration		5.0			
720 minute summer	SWMH 1	1.001	SWMH 2	0.2	0.356	0.033	0.0099
720 minute summer	SWMH 2	1.002	J 1	0.2	0.271	0.033	0.0011
720 minute summer	SWMH 11	5.001	J 11	0.5	0.402	0.083	0.0042
720 minute summer	J 12	5.003	SWMH 14	0.8	0.520	0.133	0.0040
720 minute summer	J 11	5.002	J 12	0.7	0.474	0.116	0.0024
720 minute summer	RWP 9	9.000	SWMH 14	0.2	0.232	0.015	0.0029
720 minute summer	RWP 7	5.000	SWMH 11	0.3	0.328	0.050	0.0059
720 minute summer	RWP 2	2.000	J 1	0.3	0.461	0.013	0.0011
720 minute summer	SOAK 1	1.007	SOAK 2	5.3	0.774	0.297	0.0394
720 minute summer	RWP 6	6.000	SWMH 11	0.2	0.292	0.016	0.0011
720 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0014
720 minute summer	RWP 3	3.000	J 2	0.4	0.469	0.017	0.0019
720 minute summer	RWP 8	7.000	J 11	0.2	0.265	0.011	0.0008
720 minute summer	RWP 1	1.000	SWMH 1	0.2	0.351	0.033	0.0012
720 minute summer	J 1	1.003	J 2	0.5	0.374	0.083	0.0126
720 minute summer	J 2	1.004	J 3	0.9	0.466	0.149	0.0140
720 minute summer	J 3	1.005	SWMH 5	1.3	0.765	0.215	0.0070
720 minute summer	ACO 2	11.001	J 4	1.0	0.576	0.064	0.0516
720 minute summer	J 4	11.002	SWMH 22	1.8	0.615	0.295	0.0402
720 minute summer	GULLY 1	10.000	SWMH 5	0.9	0.949	0.048	0.0042

Results for 100 year +40% CC 720 minute summer. 960 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
720 minute summer	GULLY 3	375	65.909	0.009	0.8	0.0028	0.0000	OK
720 minute summer	SWMH 22	390	65.257	0.199	2.4	0.0317	0.0000	SURCHARGED
720 minute summer	GULLY 2	375	65.910	0.010	0.6	0.0022	0.0000	OK
720 minute summer	RWP 10	375	66.558	0.008	0.4	0.0012	0.0000	OK
720 minute summer	ACO 1	375	66.818	0.018	1.0	0.0251	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
720 minute summer	GULLY 3	12.000	J 4	0.8	0.578	0.019	0.0066
720 minute summer	SWMH 22	11.003	SOAK 1	2.2	0.608	0.196	0.0286
720 minute summer	GULLY 2	13.000	SWMH 22	0.6	0.510	0.020	0.0139
720 minute summer	RWP 10	4.000	J 3	0.4	0.349	0.013	0.0018
720 minute summer	ACO 1	11.000	ACO 2	1.0	1.029	0.070	0.0036

Results for 100 year +40% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	SWMH 14	495	66.435	0.025	1.0	0.0040	0.0000	OK
960 minute summer	SWMH 5	495	66.151	0.020	2.9	0.0032	0.0000	OK
960 minute summer	SOAK 2	510	65.151	0.243	4.8	1.3979	0.0000	OK
960 minute summer	SWMH 1	480	66.541	0.013	0.2	0.0020	0.0000	OK
960 minute summer	SWMH 2	480	66.365	0.013	0.2	0.0020	0.0000	OK
960 minute summer	SWMH 11	495	66.506	0.020	0.5	0.0031	0.0000	OK
960 minute summer	J 12	495	66.461	0.025	0.8	0.0000	0.0000	OK
960 minute summer	J 11	495	66.475	0.023	0.7	0.0000	0.0000	OK
960 minute summer	RWP 9	495	66.559	0.009	0.2	0.0007	0.0000	OK
960 minute summer	RWP 7	480	66.565	0.015	0.3	0.0020	0.0000	OK
960 minute summer	RWP 2	465	66.557	0.007	0.2	0.0007	0.0000	OK
960 minute summer	SOAK 1	510	65.152	0.221	4.9	0.0000	0.0000	SURCHARGED
960 minute summer	RWP 6	480	66.559	0.009	0.2	0.0007	0.0000	OK
960 minute summer	RWP 5	435	66.556	0.006	0.1	0.0002	0.0000	OK
960 minute summer	RWP 3	495	66.559	0.009	0.4	0.0016	0.0000	OK
960 minute summer	RWP 8	495	66.557	0.007	0.2	0.0005	0.0000	OK
960 minute summer	RWP 1	480	66.563	0.013	0.2	0.0010	0.0000	OK
960 minute summer	J 1	480	66.355	0.017	0.4	0.0000	0.0000	OK
960 minute summer	J 2	495	66.269	0.025	0.8	0.0000	0.0000	OK
960 minute summer	J 3	495	66.202	0.030	1.1	0.0000	0.0000	OK
960 minute summer	ACO 2	495	65.916	0.016	0.8	0.0017	0.0000	OK
960 minute summer	J 4	480	65.167	0.035	1.5	0.0000	0.0000	OK
960 minute summer	GULLY 1	495	66.564	0.014	0.8	0.0050	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	SWMH 14	5.004	SWMH 5	1.0	0.760	0.126	0.0213
960 minute summer	SWMH 5	1.006	SOAK 1	2.9	0.970	0.087	0.0182
960 minute summer	SOAK 2	Infiltration		4.5			
960 minute summer	SWMH 1	1.001	SWMH 2	0.2	0.354	0.033	0.0100
960 minute summer	SWMH 2	1.002	J 1	0.2	0.273	0.033	0.0010
960 minute summer	SWMH 11	5.001	J 11	0.5	0.425	0.083	0.0042
960 minute summer	J 12	5.003	SWMH 14	0.8	0.517	0.133	0.0040
960 minute summer	J 11	5.002	J 12	0.7	0.474	0.116	0.0024
960 minute summer	RWP 9	9.000	SWMH 14	0.2	0.249	0.015	0.0029
960 minute summer	RWP 7	5.000	SWMH 11	0.3	0.328	0.050	0.0059
960 minute summer	RWP 2	2.000	J 1	0.2	0.436	0.009	0.0009
960 minute summer	SOAK 1	1.007	SOAK 2	4.8	0.778	0.264	0.0394
960 minute summer	RWP 6	6.000	SWMH 11	0.2	0.293	0.016	0.0011
960 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0014
960 minute summer	RWP 3	3.000	J 2	0.4	0.462	0.017	0.0018
960 minute summer	RWP 8	7.000	J 11	0.2	0.262	0.011	0.0008
960 minute summer	RWP 1	1.000	SWMH 1	0.2	0.351	0.033	0.0012
960 minute summer	J 1	1.003	J 2	0.4	0.353	0.066	0.0113
960 minute summer	J 2	1.004	J 3	0.8	0.460	0.133	0.0126
960 minute summer	J 3	1.005	SWMH 5	1.1	0.717	0.182	0.0063
960 minute summer	ACO 2	11.001	J 4	0.8	0.531	0.051	0.0189
960 minute summer	J 4	11.002	SWMH 22	1.5	0.627	0.248	0.0216
960 minute summer	GULLY 1	10.000	SWMH 5	0.8	0.910	0.043	0.0039

Results for 100 year +40% CC 960 minute summer. 1200 minute analysis at 15 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute summer	GULLY 3	495	65.909	0.009	0.7	0.0026	0.0000	OK
960 minute summer	SWMH 22	510	65.156	0.098	2.0	0.0156	0.0000	OK
960 minute summer	GULLY 2	495	65.909	0.009	0.5	0.0021	0.0000	OK
960 minute summer	RWP 10	465	66.557	0.007	0.3	0.0011	0.0000	OK
960 minute summer	ACO 1	495	66.816	0.016	0.8	0.0225	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
960 minute summer	GULLY 3	12.000	J 4	0.7	0.572	0.017	0.0022
960 minute summer	SWMH 22	11.003	SOAK 1	2.0	0.597	0.175	0.0286
960 minute summer	GULLY 2	13.000	SWMH 22	0.5	0.495	0.016	0.0136
960 minute summer	RWP 10	4.000	J 3	0.3	0.338	0.010	0.0016
960 minute summer	ACO 1	11.000	ACO 2	0.8	0.965	0.056	0.0030

Results for 100 year +40% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	SWMH 14	780	66.429	0.019	0.6	0.0031	0.0000	OK
1440 minute summer	SWMH 5	750	66.148	0.017	2.1	0.0027	0.0000	OK
1440 minute summer	SOAK 2	750	64.978	0.070	3.6	0.4031	0.0000	OK
1440 minute summer	SWMH 1	630	66.537	0.009	0.1	0.0014	0.0000	OK
1440 minute summer	SWMH 2	630	66.361	0.009	0.1	0.0014	0.0000	OK
1440 minute summer	SWMH 11	810	66.501	0.015	0.3	0.0024	0.0000	OK
1440 minute summer	J 12	750	66.456	0.020	0.5	0.0000	0.0000	OK
1440 minute summer	J 11	750	66.470	0.018	0.4	0.0000	0.0000	OK
1440 minute summer	RWP 9	630	66.556	0.006	0.1	0.0005	0.0000	OK
1440 minute summer	RWP 7	690	66.563	0.013	0.2	0.0017	0.0000	OK
1440 minute summer	RWP 2	750	66.557	0.007	0.2	0.0007	0.0000	OK
1440 minute summer	SOAK 1	750	64.982	0.051	3.6	0.0000	0.0000	OK
1440 minute summer	RWP 6	630	66.556	0.006	0.1	0.0005	0.0000	OK
1440 minute summer	RWP 5	720	66.556	0.006	0.1	0.0002	0.0000	OK
1440 minute summer	RWP 3	750	66.558	0.008	0.3	0.0014	0.0000	OK
1440 minute summer	RWP 8	630	66.555	0.005	0.1	0.0004	0.0000	OK
1440 minute summer	RWP 1	630	66.559	0.009	0.1	0.0007	0.0000	OK
1440 minute summer	J 1	750	66.353	0.015	0.3	0.0000	0.0000	OK
1440 minute summer	J 2	750	66.265	0.021	0.6	0.0000	0.0000	OK
1440 minute summer	J 3	750	66.199	0.027	0.9	0.0000	0.0000	OK
1440 minute summer	ACO 2	750	65.914	0.014	0.6	0.0015	0.0000	OK
1440 minute summer	J 4	750	65.162	0.030	1.1	0.0000	0.0000	OK
1440 minute summer	GULLY 1	750	66.562	0.012	0.6	0.0044	0.0000	OK
Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	
1440 minute summer	SWMH 14	5.004	SWMH 5	0.6	0.658	0.075	0.0155	
1440 minute summer	SWMH 5	1.006	SOAK 1	2.1	0.965	0.063	0.0101	
1440 minute summer	SOAK 2	Infiltration		3.6				
1440 minute summer	SWMH 1	1.001	SWMH 2	0.1	0.290	0.017	0.0061	
1440 minute summer	SWMH 2	1.002	J 1	0.1	0.224	0.017	0.0007	
1440 minute summer	SWMH 11	5.001	J 11	0.3	0.359	0.050	0.0028	
1440 minute summer	J 12	5.003	SWMH 14	0.5	0.466	0.083	0.0028	
1440 minute summer	J 11	5.002	J 12	0.4	0.429	0.066	0.0017	
1440 minute summer	RWP 9	9.000	SWMH 14	0.1	0.213	0.008	0.0020	
1440 minute summer	RWP 7	5.000	SWMH 11	0.2	0.305	0.033	0.0042	
1440 minute summer	RWP 2	2.000	J 1	0.2	0.432	0.009	0.0008	
1440 minute summer	SOAK 1	1.007	SOAK 2	3.6	0.767	0.200	0.0150	
1440 minute summer	RWP 6	6.000	SWMH 11	0.1	0.269	0.008	0.0007	
1440 minute summer	RWP 5	8.000	J 12	0.1	0.171	0.006	0.0011	
1440 minute summer	RWP 3	3.000	J 2	0.3	0.438	0.012	0.0015	
1440 minute summer	RWP 8	7.000	J 11	0.1	0.238	0.005	0.0006	
1440 minute summer	RWP 1	1.000	SWMH 1	0.1	0.287	0.017	0.0008	
1440 minute summer	J 1	1.003	J 2	0.3	0.308	0.050	0.0092	
1440 minute summer	J 2	1.004	J 3	0.6	0.407	0.099	0.0107	
1440 minute summer	J 3	1.005	SWMH 5	0.9	0.696	0.149	0.0054	
1440 minute summer	ACO 2	11.001	J 4	0.6	0.485	0.039	0.0152	
1440 minute summer	J 4	11.002	SWMH 22	1.1	0.577	0.182	0.0098	
1440 minute summer	GULLY 1	10.000	SWMH 5	0.6	0.846	0.032	0.0032	

Results for 100 year +40% CC 1440 minute summer. 1680 minute analysis at 30 minute timestep. Mass balance: 100.00%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
1440 minute summer	GULLY 3	750	65.908	0.008	0.5	0.0022	0.0000	OK
1440 minute summer	SWMH 22	750	65.083	0.025	1.5	0.0039	0.0000	OK
1440 minute summer	GULLY 2	750	65.908	0.008	0.4	0.0018	0.0000	OK
1440 minute summer	RWP 10	750	66.557	0.007	0.3	0.0011	0.0000	OK
1440 minute summer	ACO 1	750	66.814	0.014	0.6	0.0195	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)
1440 minute summer	GULLY 3	12.000	J 4	0.5	0.502	0.012	0.0018
1440 minute summer	SWMH 22	11.003	SOAK 1	1.5	0.591	0.132	0.0102
1440 minute summer	GULLY 2	13.000	SWMH 22	0.4	0.481	0.013	0.0030
1440 minute summer	RWP 10	4.000	J 3	0.3	0.336	0.010	0.0014
1440 minute summer	ACO 1	11.000	ACO 2	0.6	0.887	0.042	0.0025