

Nodes

Name	Area (ha)	Add Area (%)	T of E (mins)	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)	Invert Level (m)
EX IC01	0.022		5.00	11.500	600	1873687.952	-215932.244	0.700	10.800
EX IC02	0.015		5.00	11.480	600	1873686.779	-215960.954	0.967	10.513
EX.IC03				11.100	600	1873685.842	-215992.049	0.944	10.156
IC04	0.000		5.00	11.150	600	1873685.160	-216009.957	1.054	10.096
5				11.300		1873715.268	-216037.046	1.353	9.947
20				11.300		1873713.507	-216050.271	1.349	9.951
IC07				11.015	1200	1873683.089	-216053.829	1.175	9.840
22				10.490		1873682.205	-216066.557	0.774	9.716
6	0.042		5.00	11.300		1873717.843	-216034.627	1.355	9.945
7				11.300		1873719.676	-216033.369	1.356	9.944
8				11.300		1873721.802	-216032.718	1.357	9.943
9				11.300		1873723.587	-216032.860	1.358	9.942
10				11.300		1873725.136	-216033.759	1.358	9.942
11				11.300		1873725.830	-216034.975	1.359	9.941
12				11.300		1873725.101	-216037.230	1.344	9.956
13				11.300		1873722.729	-216038.703	1.345	9.955
14				11.300		1873719.996	-216039.277	1.346	9.954
15				11.300		1873717.972	-216040.119	1.347	9.953
16				11.300		1873717.120	-216041.511	1.348	9.952
17				11.300		1873717.019	-216043.112	1.348	9.952
18				11.300		1873717.027	-216044.136	1.349	9.951
19				11.300		1873716.501	-216046.937	1.349	9.951
IC05				10.845		1873707.036	-216010.085	0.822	10.023
RE02	0.023	10	5.00	11.150	1200	1873671.366	-216050.112	0.200	10.950
IC06	0.024		5.00	10.850	600	1873701.164	-216050.801	0.720	10.130
RE01	0.023	10	5.00	11.150	150	1873672.015	-216019.405	0.774	10.376
1	0.024		5.00	10.850	450	1873701.477	-216014.753	0.782	10.068
2	0.024		5.00	10.850	600	1873701.764	-216036.529	0.855	9.995
3				11.150		1873687.525	-216053.019	0.323	10.827
4				10.845		1873707.435	-216027.846	0.855	9.990
21				11.150		1873675.946	-216051.038	0.300	10.850
23	0.010		5.00	11.312		1873700.662	-215967.711	0.922	10.390
*H1	0.061		5.00	11.720	600	1873697.243	-215899.290	1.000	10.720
*H4	0.019		5.00	11.704	450	1873701.039	-215922.805	1.224	10.480
*H5	0.010		5.00	11.621		1873701.714	-215927.875	1.192	10.429
*H6	0.010		5.00	11.561		1873701.221	-215947.719	1.172	10.389
24	0.010		5.00	11.179		1873700.185	-215987.683	0.829	10.350
*H2	0.018		5.00	12.150	450	1873728.882	-215907.183	0.450	11.700
*H3				12.150	450	1873728.881	-215922.791	0.610	11.540
25	0.007		5.00	11.012		1873701.042	-216002.885	0.749	10.263

Links (Input)

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
1.000	EX IC01	EX IC02	28.734	0.600	10.800	10.513	0.287	100.1	100	5.62	50.0
1.001	EX IC02	EX.IC03	31.109	0.600	10.513	10.306	0.207	150.3	150	6.26	49.4
1.002	EX.IC03	IC04	17.921	0.600	10.156	10.096	0.060	298.7	300	6.59	48.2
1.003	IC04	IC05	21.876	0.600	10.096	10.023	0.073	299.7	300	6.99	46.8
1.007	6	7	2.223	0.012	9.945	9.944	0.001	2223.2	300	7.75	44.4
1.008	7	8	2.223	0.012	9.944	9.943	0.001	2223.4	300	7.87	44.0
1.004	5	6	3.297	0.012	9.947	9.945	0.002	1648.5	300	7.63	40.8
1.010	11	12	3.669	0.012	9.960	9.956	0.004	917.3	300	8.17	43.7
1.019	20	IC07	32.187	0.012	10.383	9.840	0.543	59.3	225	9.14	37.7
1.009	8	9	1.791	0.012	9.943	9.942	0.001	1790.6	300	7.96	43.8
1.010_1	9	10	1.000	0.012	9.942	9.942	0.000	0.0	300	7.98	43.7
1.011	10	11	1.400	0.012	9.942	9.941	0.001	1400.1	300	8.04	43.5
1.022	IC07	22	12.759	0.012	9.840	9.716	0.124	102.9	100	9.44	40.0

Links (Input)

Name	US Node	DS Node	Length (m)	ks (mm) / n	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	T of C (mins)	Rain (mm/hr)
1.013	12	13	2.792	0.012	9.956	9.955	0.001	2792.2	300	8.34	42.7
1.014	13	14	2.793	0.012	9.955	9.954	0.001	2792.6	300	8.51	42.2
1.015	14	15	2.192	0.012	9.954	9.953	0.001	2192.2	300	8.63	41.9
1.016	15	16	1.632	0.012	9.953	9.952	0.001	1632.0	300	8.71	41.7
1.017	16	17	1.000	0.012	9.952	9.952	0.000	0.0	300	8.73	41.7
1.018	17	18	1.024	0.012	9.952	9.951	0.001	1024.0	300	8.77	41.6
1.019_1	18	19	1.000	0.012	9.951	9.951	0.000	0.0	300	8.78	41.5
1.020	19	20	1.000	0.012	9.951	9.951	0.000	0.0	300	8.80	41.5
1.004_1	IC05	4	17.765	0.018	10.026	9.990	0.036	493.5	2500	7.21	46.1
5.000	RE02	21	4.673	0.600	10.950	10.919	0.031	150.7	150	5.10	50.0
4.000	IC06	2	14.285	0.600	10.130	10.065	0.065	219.8	225	5.27	50.0
2.000	RE01	IC04	16.188	0.600	10.376	10.214	0.162	99.9	150	5.27	50.0
3.000	1	2	21.778	0.600	10.068	9.995	0.073	298.3	300	5.40	50.0
3.001	2	5	13.514	0.600	9.995	9.950	0.045	300.3	300	5.65	50.0
5.001	3	IC07	4.984	0.600	10.900	9.840	1.060	4.7	100	5.33	50.0
1.005	4	5	14.211	0.600	10.100	10.053	0.047	302.4	300	7.47	45.7
5.001_1	21	3	11.747	0.018	10.850	10.827	0.023	510.7	3000	5.30	50.0
1.004_2	*H6	23	20.000	0.018	10.480	10.390	0.090	222.2	1000	5.89	50.0
*2.000	*H1	*H4	23.819	0.600	10.720	10.482	0.238	100.1	150	5.40	50.0
*1.002	*H4	*H5	5.115	0.600	10.480	10.429	0.051	100.3	225	5.56	50.0
*1.003	*H5	*H6	19.850	0.018	10.429	10.389	0.040	496.3	1000	5.76	50.0
1.005_1	23	24	19.978	0.018	10.390	10.350	0.040	499.4	1000	6.09	50.0
1.006	24	25	15.226	0.018	10.400	10.266	0.134	113.6	2500	6.18	49.7
1.007_1	25	IC05	9.368	0.018	10.263	10.026	0.237	39.5	2500	6.21	49.5
*1.000	*H2	*H3	15.608	0.600	11.700	11.544	0.156	100.1	150	5.26	50.0
*1.001	*H3	*H4	27.842	0.600	11.540	10.480	1.060	26.3	150	5.49	50.0

SuDS Carriers

Link	US Node	DS Node	Link Type	Base Inf Coef (m/hr)	Sides Inf Coef (m/hr)	Safety Factor	Time to Half Empty (mins)
1.004_1	IC05	4	Swale	0.00000	0.00000	2.0	1
5.001_1	21	3	Swale 300	0.00000	0.00000	2.0	1
1.004_2	*H6	23	Swale (1)	0.00000	0.00000	2.0	1
*1.003	*H5	*H6	Swale (1)	0.00000	0.00000	2.0	1
1.005_1	23	24	Swale (1)	0.00000	0.00000	2.0	1
1.006	24	25	Swale	0.00000	0.00000	2.0	1
1.007_1	25	IC05	Swale	0.00000	0.00000	2.0	1

Simulation Settings

Rainfall Methodology	FEH-22	Skip Steady State	✓	Check Discharge Rate(s)	x
Rainfall Events	Singular	Drain Down Time (mins)	10080	Check Discharge Volume	x
Summer CV	1.000	Additional Storage (m³/ha)	0.0		
Analysis Speed	Detailed	Starting Level (m)	0.000		

Storm Durations

15	60	180	360	600	960	2160	4320	7200	10080
30	120	240	480	720	1440	2880	5760	8640	

Return Period (years)	Climate Change (CC %)	Additional Area (A %)	Additional Flow (Q %)	Return Period (years)	Climate Change (CC %)	Additional Area (A %)	Additional Flow (Q %)
1	0	0	0	30	40	0	0
10	40	0	0	100	45	0	0

Node 22 Surcharged Outfall

Overrides Design Area	x	Depression Storage Area (m ²)	0	Evapo-transpiration (mm/day)	0
Overrides Design Additional Inflow	x	Depression Storage Depth (mm)	0		
Applies to All storms					

Time (mins)	Level (m)	Time (mins)	Level (m)	Time (mins)	Level (m)	Time (mins)	Level (m)
0	10.410	2880	10.410	5760	10.410	8640	10.410
1440	10.410	4320	10.410	7200	10.410	10080	10.410

Node IC07 Online Hydro-Brake® Control

Flap Valve	x	Objective (HE)	Minimise upstream storage
Replaces Downstream Link	x	Sump Available	✓
Invert Level (m)	9.840	Product Number	CTL-SHE-0032-5000-1000-5000
Design Depth (m)	1.000	Min Outlet Diameter (m)	0.075
Design Flow (l/s)	0.5	Min Node Diameter (mm)	1200

Node *H4 Online Orifice Control

Flap Valve	x	Design Depth (m)	1.000	Discharge Coefficient	0.600
Replaces Downstream Link	x	Design Flow (l/s)	3.0		
Invert Level (m)	10.480	Diameter (m)	0.038		

Node 6 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	10.050
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	11580

Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)
0.000	14.9	14.9	1.250	32.7	42.6

Node 7 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	10.050
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	11580

Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)
0.000	14.9	14.9	1.250	32.7	42.6

Node 8 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	10.050
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	11580

Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)
0.000	14.9	14.9	1.250	32.7	42.6

Node 9 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	10.050
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	11580

Depth (m)	Area (m ²)	Inf Area (m ²)	Depth (m)	Area (m ²)	Inf Area (m ²)
0.000	14.9	14.9	1.250	32.7	42.6

Node 10 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	10.050
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	11580

Depth	Area	Inf Area	Depth	Area	Inf Area
(m)	(m ²)	(m ²)	(m)	(m ²)	(m ²)
0.000	14.9	14.9	1.250	32.7	42.6

Node 11 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	10.050
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	11580

Depth	Area	Inf Area	Depth	Area	Inf Area
(m)	(m ²)	(m ²)	(m)	(m ²)	(m ²)
0.000	14.9	14.9	1.250	32.7	42.6

Node 12 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	10.050
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	11580

Depth	Area	Inf Area	Depth	Area	Inf Area
(m)	(m ²)	(m ²)	(m)	(m ²)	(m ²)
0.000	14.9	14.9	1.250	32.7	42.6

Node 13 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	10.050
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	11580

Depth	Area	Inf Area	Depth	Area	Inf Area
(m)	(m ²)	(m ²)	(m)	(m ²)	(m ²)
0.000	14.9	14.9	1.250	32.7	42.6

Node 14 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	10.050
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	11580

Depth	Area	Inf Area	Depth	Area	Inf Area
(m)	(m ²)	(m ²)	(m)	(m ²)	(m ²)
0.000	14.9	14.9	1.250	32.7	42.6

Node 15 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	10.050
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	11580

Depth	Area	Inf Area	Depth	Area	Inf Area
(m)	(m ²)	(m ²)	(m)	(m ²)	(m ²)
0.000	14.9	14.9	1.250	32.7	42.6

Node 16 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	10.050
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	11580

Depth	Area	Inf Area	Depth	Area	Inf Area
(m)	(m ²)	(m ²)	(m)	(m ²)	(m ²)
0.000	14.9	14.9	1.250	32.7	42.6

Node 17 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	10.050
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	11580

Depth	Area	Inf Area	Depth	Area	Inf Area
(m)	(m ²)	(m ²)	(m)	(m ²)	(m ²)
0.000	14.9	14.9	1.250	32.7	42.6

Node 18 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	10.050
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	11580

Depth	Area	Inf Area	Depth	Area	Inf Area
(m)	(m ²)	(m ²)	(m)	(m ²)	(m ²)
0.000	14.9	14.9	1.250	32.7	42.6

Node 19 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	10.050
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	11580

Depth	Area	Inf Area	Depth	Area	Inf Area
(m)	(m ²)	(m ²)	(m)	(m ²)	(m ²)
0.000	14.9	14.9	1.250	32.7	42.6

Node 20 Depth/Area Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Safety Factor	2.0	Invert Level (m)	10.050
Side Inf Coefficient (m/hr)	0.00000	Porosity	1.00	Time to half empty (mins)	11580

Depth	Area	Inf Area	Depth	Area	Inf Area
(m)	(m ²)	(m ²)	(m)	(m ²)	(m ²)
0.000	14.9	14.9	1.250	32.7	42.6

Node 2 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Invert Level (m)	10.315	Slope (1:X)	1000.0
Side Inf Coefficient (m/hr)	0.00000	Time to half empty (mins)		Depth (m)	
Safety Factor	2.0	Width (m)	14.800	Inf Depth (m)	0.305
Porosity	0.30	Length (m)	16.600		

Node 1 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Invert Level (m)	10.315	Slope (1:X)	1000.0
Side Inf Coefficient (m/hr)	0.00000	Time to half empty (mins)		Depth (m)	
Safety Factor	2.0	Width (m)	14.800	Inf Depth (m)	0.305
Porosity	0.30	Length (m)	16.600		

Node *H1 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Invert Level (m)	10.720	Slope (1:X)	34.0
Side Inf Coefficient (m/hr)	0.00000	Time to half empty (mins)	240	Depth (m)	
Safety Factor	2.0	Width (m)	12.000	Inf Depth (m)	0.125
Porosity	0.30	Length (m)	31.000		

Node IC06 Carpark Storage Structure

Base Inf Coefficient (m/hr)	0.00000	Invert Level (m)	10.315	Slope (1:X)	1000.0
Side Inf Coefficient (m/hr)	0.00000	Time to half empty (mins)		Depth (m)	
Safety Factor	2.0	Width (m)	14.800	Inf Depth (m)	0.305
Porosity	0.30	Length (m)	16.600		

Results for 1 year Critical Storm Duration. Lowest mass balance: 90.23%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	EX IC01	10	10.846	0.046	2.7	0.0132	0.0000	OK
15 minute summer	EX IC02	11	10.571	0.058	4.6	0.0164	0.0000	OK
10080 minute summer	EX.IC03	6960	10.358	0.202	0.2	0.0571	0.0000	OK
10080 minute summer	IC04	6960	10.358	0.262	0.3	0.0741	0.0000	OK
10080 minute summer	5	6960	10.358	0.411	0.9	0.0000	0.0000	SURCHARGED
10080 minute summer	20	6960	10.358	0.407	0.1	5.2658	0.0000	OK
720 minute summer	IC07	435	10.394	0.554	0.6	0.6271	0.0000	SURCHARGED
15 minute summer	22	1	10.410	0.694	0.0	0.0000	0.0000	OK
10080 minute summer	6	6960	10.358	0.413	0.9	5.2651	0.0000	SURCHARGED
10080 minute summer	7	6960	10.358	0.414	0.9	5.2651	0.0000	SURCHARGED
10080 minute summer	8	6960	10.358	0.415	0.8	5.2654	0.0000	SURCHARGED
10080 minute summer	9	6960	10.358	0.416	0.8	5.2656	0.0000	SURCHARGED
10080 minute summer	10	6960	10.358	0.416	0.7	5.2657	0.0000	SURCHARGED
10080 minute summer	11	6960	10.358	0.417	0.6	5.2660	0.0000	SURCHARGED
10080 minute summer	12	6960	10.358	0.402	0.6	5.2664	0.0000	SURCHARGED
10080 minute summer	13	6960	10.358	0.403	0.5	5.2664	0.0000	SURCHARGED
10080 minute summer	14	6960	10.358	0.404	0.4	5.2662	0.0000	SURCHARGED
10080 minute summer	15	6960	10.358	0.405	0.4	5.2661	0.0000	SURCHARGED
10080 minute summer	16	6960	10.358	0.406	0.3	5.2661	0.0000	SURCHARGED
10080 minute summer	17	6960	10.358	0.406	0.3	5.2661	0.0000	SURCHARGED
10080 minute summer	18	6960	10.358	0.407	0.2	5.2660	0.0000	SURCHARGED
10080 minute summer	19	6960	10.358	0.407	0.1	5.2659	0.0000	SURCHARGED
10080 minute summer	IC05	6960	10.358	0.335	0.8	0.0000	0.0000	OK
15 minute summer	RE02	10	10.999	0.049	3.2	0.0557	0.0000	OK
10080 minute summer	IC06	6960	10.358	0.228	0.1	2.5798	0.0000	SURCHARGED
15 minute summer	RE01	10	10.420	0.044	3.2	0.0008	0.0000	OK
10080 minute summer	1	6960	10.358	0.290	0.1	2.5648	0.0000	OK
10080 minute summer	2	6960	10.358	0.363	0.3	2.6208	0.0000	SURCHARGED

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	EX IC01	1.000	EX IC02	2.7	0.666	0.442	0.1182	
15 minute summer	EX IC02	1.001	EX.IC03	4.4	0.717	0.308	0.1930	
10080 minute summer	EX.IC03	1.002	IC04	0.2	0.130	0.003	1.0360	
10080 minute summer	IC04	1.003	IC05	0.3	0.035	0.004	1.4836	
10080 minute summer	5	1.004	6	0.8	0.064	0.050	0.2979	
10080 minute summer	20	1.019	IC07	-0.1	-0.004	-0.002	0.6452	
720 minute summer	IC07	1.022	22	0.0	0.000	0.000	0.0998	0.0
10080 minute summer	6	1.007	7	0.9	0.127	0.061	0.2023	
10080 minute summer	7	1.008	8	0.8	0.137	0.057	0.2033	
10080 minute summer	8	1.009	9	0.8	0.171	0.047	0.1647	
10080 minute summer	9	1.010_1	10	0.7	0.211	0.014	0.0922	
10080 minute summer	10	1.011	11	0.6	0.393	0.035	0.1294	
10080 minute summer	11	1.010	12	0.6	0.110	0.025	0.3127	
10080 minute summer	12	1.013	13	0.5	0.111	0.039	0.2410	
10080 minute summer	13	1.014	14	0.4	0.122	0.034	0.2422	
10080 minute summer	14	1.015	15	0.4	0.143	0.026	0.1910	
10080 minute summer	15	1.016	16	0.3	0.193	0.019	0.1429	
10080 minute summer	16	1.017	17	0.3	0.444	0.005	0.0878	
10080 minute summer	17	1.018	18	0.2	0.016	0.009	0.0901	
10080 minute summer	18	1.019_1	19	0.1	0.010	0.003	0.0882	
10080 minute summer	19	1.020	20	-0.1	0.005	-0.002	0.0882	
10080 minute summer	IC05	1.004_1	4	0.6	0.006	0.000	22.0630	
15 minute summer	RE02	5.000	21	3.1	0.642	0.218	0.0229	
10080 minute summer	IC06	4.000	2	0.1	0.232	0.003	0.5681	
15 minute summer	RE01	2.000	IC04	3.1	0.749	0.177	0.0680	
10080 minute summer	1	3.000	2	0.1	0.021	0.002	1.5257	
10080 minute summer	2	3.001	5	0.3	0.018	0.005	0.9516	

Results for 1 year Critical Storm Duration. Lowest mass balance: 90.23%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	3	256	10.911	0.084	0.8	0.0000	0.0000	OK
10080 minute summer	4	6960	10.358	0.368	0.6	0.0000	0.0000	OK
480 minute summer	21	256	10.911	0.061	0.8	0.0000	0.0000	OK
120 minute summer	23	66	10.412	0.022	3.9	0.0000	0.0000	OK
180 minute summer	*H1	116	10.980	0.260	3.4	4.2271	0.0000	SURCHARGED
180 minute summer	*H4	116	10.978	0.498	2.1	0.0792	0.0000	SURCHARGED
120 minute summer	*H5	66	10.494	0.065	2.6	0.0000	0.0000	OK
120 minute summer	*H6	66	10.494	0.105	3.3	0.0000	0.0000	OK
120 minute summer	24	66	10.409	0.059	4.5	0.0000	0.0000	OK
15 minute summer	*H2	10	11.737	0.037	2.3	0.0059	0.0000	OK
15 minute summer	*H3	11	11.566	0.026	2.3	0.0041	0.0000	OK
10080 minute summer	25	6960	10.358	0.095	0.5	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	3	5.001	IC07	0.7	0.882	0.026	0.0207	
10080 minute summer	4	1.005	5	0.6	0.141	0.009	0.9578	
480 minute summer	21	5.001_1	3	0.8	0.009	0.001	2.7540	
120 minute summer	23	1.005_1	24	3.9	0.085	0.001	0.9271	
180 minute summer	*H1	*2.000	*H4	1.7	0.278	0.095	0.4193	
180 minute summer	*H4	*1.002	*H5	2.1	0.623	0.040	0.0322	
120 minute summer	*H5	*1.003	*H6	2.6	0.064	0.000	2.1544	
120 minute summer	*H6	1.004_2	23	3.2	0.167	0.000	0.3850	
120 minute summer	24	1.006	25	4.5	0.226	0.001	0.3012	
15 minute summer	*H2	*1.000	*H3	2.3	0.683	0.128	0.0518	
15 minute summer	*H3	*1.001	*H4	2.2	0.190	0.064	0.2732	
10080 minute summer	25	1.007_1	IC05	0.5	0.007	0.000	6.6638	

Results for 10 year +40% CC Critical Storm Duration. Lowest mass balance: 96.19%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	EX IC01	12	11.474	0.674	11.3	0.1907	0.0000	FLOOD RISK
15 minute summer	EX IC02	11	10.688	0.175	16.6	0.0494	0.0000	SURCHARGED
10080 minute summer	EX.IC03	6780	10.611	0.455	0.3	0.1288	0.0000	SURCHARGED
10080 minute summer	IC04	6780	10.611	0.515	0.5	0.1458	0.0000	SURCHARGED
10080 minute summer	5	6780	10.611	0.664	1.2	0.0000	0.0000	SURCHARGED
10080 minute summer	20	6780	10.611	0.660	0.4	10.6115	0.0000	SURCHARGED
10080 minute summer	IC07	6780	10.611	0.771	0.4	0.8722	0.0000	SURCHARGED
15 minute summer	22	1	10.410	0.694	0.0	0.0000	0.0000	OK
10080 minute summer	6	6780	10.611	0.666	1.3	10.6116	0.0000	SURCHARGED
10080 minute summer	7	6780	10.611	0.667	1.2	10.6116	0.0000	SURCHARGED
10080 minute summer	8	6780	10.611	0.668	1.2	10.6116	0.0000	SURCHARGED
10080 minute summer	9	6780	10.611	0.669	1.1	10.6115	0.0000	SURCHARGED
10080 minute summer	10	6780	10.611	0.669	1.0	10.6115	0.0000	SURCHARGED
10080 minute summer	11	6780	10.611	0.670	0.9	10.6115	0.0000	SURCHARGED
10080 minute summer	12	6780	10.611	0.655	0.9	10.6115	0.0000	SURCHARGED
10080 minute summer	13	6780	10.611	0.656	0.8	10.6115	0.0000	SURCHARGED
10080 minute summer	14	6780	10.611	0.657	0.7	10.6115	0.0000	SURCHARGED
10080 minute summer	15	6780	10.611	0.658	0.6	10.6115	0.0000	SURCHARGED
10080 minute summer	16	6780	10.611	0.659	0.5	10.6115	0.0000	SURCHARGED
10080 minute summer	17	6780	10.611	0.659	0.5	10.6115	0.0000	SURCHARGED
10080 minute summer	18	6780	10.611	0.660	0.4	10.6115	0.0000	SURCHARGED
10080 minute summer	19	6780	10.611	0.660	0.4	10.6115	0.0000	SURCHARGED
10080 minute summer	IC05	6780	10.611	0.588	2.1	0.0000	0.0000	OK
15 minute summer	RE02	10	11.065	0.115	13.0	0.1305	0.0000	OK
10080 minute summer	IC06	6780	10.611	0.481	0.3	21.3412	0.0000	FLOOD RISK
10080 minute summer	RE01	6780	10.611	0.235	0.2	0.0042	0.0000	SURCHARGED
10080 minute summer	1	6780	10.611	0.543	0.3	21.2909	0.0000	FLOOD RISK
10080 minute summer	2	6780	10.611	0.616	0.6	21.3796	0.0000	FLOOD RISK
Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	EX IC01	1.000	EX IC02	9.4	1.203	1.560	0.2248	
15 minute summer	EX IC02	1.001	EX.IC03	16.0	0.949	1.109	0.5035	
10080 minute summer	EX.IC03	1.002	IC04	0.3	0.043	0.005	1.2620	
10080 minute summer	IC04	1.003	IC05	0.5	0.015	0.008	1.5405	
10080 minute summer	5	1.004	6	0.9	0.129	0.056	0.7780	
10080 minute summer	20	1.019	IC07	0.3	0.010	0.006	1.2801	
10080 minute summer	IC07	1.022	22	0.3	0.044	0.063	0.0998	227.9
10080 minute summer	6	1.007	7	1.2	0.107	0.086	0.5269	
10080 minute summer	7	1.008	8	1.2	0.114	0.081	0.5284	
10080 minute summer	8	1.009	9	1.1	0.122	0.067	0.4273	
10080 minute summer	9	1.010_1	10	1.0	0.126	0.021	0.2389	
10080 minute summer	10	1.011	11	0.9	0.107	0.051	0.3350	
10080 minute summer	11	1.010	12	0.9	0.106	0.038	0.8352	
10080 minute summer	12	1.013	13	0.8	0.106	0.059	0.6404	
10080 minute summer	13	1.014	14	0.7	0.117	0.053	0.6426	
10080 minute summer	14	1.015	15	0.6	0.158	0.041	0.5058	
10080 minute summer	15	1.016	16	0.5	0.314	0.031	0.3777	
10080 minute summer	16	1.017	17	0.5	0.297	0.010	0.2318	
10080 minute summer	17	1.018	18	0.4	0.021	0.019	0.2377	
10080 minute summer	18	1.019_1	19	0.4	0.014	0.007	0.2325	
10080 minute summer	19	1.020	20	0.4	0.007	0.007	0.2325	
10080 minute summer	IC05	1.004_1	4	2.2	0.006	0.001	46.2034	
15 minute summer	RE02	5.000	21	12.9	0.928	0.894	0.0649	
10080 minute summer	IC06	4.000	2	-0.1	0.031	-0.004	0.5681	
10080 minute summer	RE01	2.000	IC04	0.2	0.270	0.011	0.2850	
10080 minute summer	1	3.000	2	-0.1	0.006	-0.002	1.5336	
10080 minute summer	2	3.001	5	-0.4	0.008	-0.006	0.9516	

Results for 10 year +40% CC Critical Storm Duration. Lowest mass balance: 96.19%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	3	20	10.939	0.112	9.7	0.0000	0.0000	OK
10080 minute summer	4	6780	10.611	0.621	2.2	0.0000	0.0000	FLOOD RISK
30 minute summer	21	20	10.939	0.089	11.8	0.0000	0.0000	OK
10080 minute summer	23	6780	10.611	0.221	1.3	0.0000	0.0000	OK
120 minute summer	*H1	100	11.404	0.684	20.3	28.8637	0.0000	SURCHARGED
120 minute summer	*H4	98	11.401	0.921	8.9	0.1465	0.0000	SURCHARGED
10080 minute summer	*H5	6840	10.611	0.182	1.1	0.0000	0.0000	OK
10080 minute summer	*H6	6780	10.611	0.222	1.2	0.0000	0.0000	OK
10080 minute summer	24	6780	10.611	0.261	1.3	0.0000	0.0000	OK
15 minute summer	*H2	10	11.781	0.081	9.4	0.0129	0.0000	OK
15 minute summer	*H3	10	11.593	0.053	9.3	0.0084	0.0000	OK
10080 minute summer	25	6780	10.611	0.348	1.4	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	3	5.001	IC07	9.0	2.042	0.320	0.0265	
10080 minute summer	4	1.005	5	1.2	0.247	0.019	1.0007	
30 minute summer	21	5.001_1	3	9.7	0.077	0.009	3.8971	
10080 minute summer	23	1.005_1	24	1.2	0.031	0.000	8.3301	
120 minute summer	*H1	*2.000	*H4	-5.9	0.368	-0.334	0.4193	
120 minute summer	*H4	*1.002	*H5	2.8	0.825	0.055	0.0391	
10080 minute summer	*H5	*1.003	*H6	1.1	0.013	0.000	6.4708	
10080 minute summer	*H6	1.004_2	23	1.2	0.095	0.000	5.5079	
10080 minute summer	24	1.006	25	1.3	0.054	0.000	14.3316	
15 minute summer	*H2	*1.000	*H3	9.3	0.990	0.524	0.1468	
15 minute summer	*H3	*1.001	*H4	9.3	0.676	0.266	0.3222	
10080 minute summer	25	1.007_1	IC05	1.6	0.007	0.000	17.4480	

Results for 30 year +40% CC Critical Storm Duration. Lowest mass balance: 96.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	EX IC01	10	11.500	0.700	14.7	0.1981	0.7787	FLOOD
15 minute summer	EX IC02	11	10.779	0.266	19.1	0.0753	0.0000	SURCHARGED
10080 minute summer	EX.IC03	7020	10.686	0.530	0.4	0.1499	0.0000	SURCHARGED
10080 minute summer	IC04	7020	10.685	0.589	0.7	0.1668	0.0000	SURCHARGED
10080 minute summer	5	7020	10.685	0.738	1.3	0.0000	0.0000	SURCHARGED
10080 minute summer	20	7020	10.685	0.734	0.4	12.3510	0.0000	SURCHARGED
10080 minute summer	IC07	7020	10.685	0.845	0.4	0.9562	0.0000	SURCHARGED
15 minute summer	22	1	10.410	0.694	0.0	0.0000	0.0000	OK
10080 minute summer	6	7020	10.685	0.740	1.6	12.3511	0.0000	SURCHARGED
10080 minute summer	7	7020	10.685	0.741	1.5	12.3511	0.0000	SURCHARGED
10080 minute summer	8	7020	10.685	0.742	1.4	12.3511	0.0000	SURCHARGED
10080 minute summer	9	7020	10.685	0.743	1.3	12.3510	0.0000	SURCHARGED
10080 minute summer	10	7020	10.685	0.743	1.2	12.3510	0.0000	SURCHARGED
10080 minute summer	11	7020	10.685	0.744	1.1	12.3510	0.0000	SURCHARGED
10080 minute summer	12	7020	10.685	0.729	1.0	12.3510	0.0000	SURCHARGED
10080 minute summer	13	7020	10.685	0.730	0.9	12.3510	0.0000	SURCHARGED
10080 minute summer	14	7020	10.685	0.731	0.7	12.3510	0.0000	SURCHARGED
10080 minute summer	15	7020	10.685	0.732	0.6	12.3510	0.0000	SURCHARGED
10080 minute summer	16	7020	10.685	0.733	0.5	12.3510	0.0000	SURCHARGED
10080 minute summer	17	7020	10.685	0.733	0.5	12.3510	0.0000	SURCHARGED
10080 minute summer	18	7020	10.685	0.734	0.4	12.3510	0.0000	SURCHARGED
10080 minute summer	19	7020	10.685	0.734	0.4	12.3510	0.0000	SURCHARGED
10080 minute summer	IC05	7020	10.685	0.662	1.9	0.0000	0.0000	FLOOD RISK
15 minute summer	RE02	10	11.094	0.144	16.9	0.1630	0.0000	OK
10080 minute summer	IC06	7020	10.685	0.555	0.3	26.8374	0.0000	FLOOD RISK
10080 minute summer	RE01	7020	10.686	0.310	0.3	0.0056	0.0000	SURCHARGED
10080 minute summer	1	7020	10.685	0.617	0.3	26.7770	0.0000	FLOOD RISK
10080 minute summer	2	7020	10.685	0.690	0.5	26.8742	0.0000	FLOOD RISK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	EX IC01	1.000	EX IC02	9.4	1.199	1.555	0.2248	
15 minute summer	EX IC02	1.001	EX.IC03	18.6	1.066	1.288	0.5186	
10080 minute summer	EX.IC03	1.002	IC04	0.4	0.040	0.006	1.2620	
10080 minute summer	IC04	1.003	IC05	0.7	0.014	0.011	1.5405	
10080 minute summer	5	1.004	6	1.1	0.102	0.064	0.9614	
10080 minute summer	20	1.019	IC07	0.3	0.010	0.006	1.2801	
10080 minute summer	IC07	1.022	22	0.3	0.044	0.063	0.0998	295.1
10080 minute summer	6	1.007	7	1.5	0.107	0.102	0.6508	
10080 minute summer	7	1.008	8	1.4	0.147	0.094	0.6526	
10080 minute summer	8	1.009	9	1.3	0.352	0.078	0.5275	
10080 minute summer	9	1.010_1	10	1.2	0.050	0.024	0.2949	
10080 minute summer	10	1.011	11	1.1	0.049	0.058	0.4134	
10080 minute summer	11	1.010	12	1.0	0.135	0.043	1.0360	
10080 minute summer	12	1.013	13	0.9	0.357	0.066	0.7937	
10080 minute summer	13	1.014	14	0.7	0.111	0.058	0.7961	
10080 minute summer	14	1.015	15	0.6	0.120	0.044	0.6265	
10080 minute summer	15	1.016	16	0.5	0.130	0.032	0.4677	
10080 minute summer	16	1.017	17	0.5	0.140	0.009	0.2870	
10080 minute summer	17	1.018	18	0.4	0.150	0.019	0.2942	
10080 minute summer	18	1.019_1	19	0.4	0.182	0.008	0.2877	
10080 minute summer	19	1.020	20	0.4	0.311	0.007	0.2877	
10080 minute summer	IC05	1.004_1	4	1.6	0.012	0.000	54.5699	
15 minute summer	RE02	5.000	21	16.7	1.018	1.158	0.0758	
10080 minute summer	IC06	4.000	2	-0.1	0.026	-0.003	0.5681	
10080 minute summer	RE01	2.000	IC04	0.3	0.270	0.017	0.2850	
10080 minute summer	1	3.000	2	-0.1	0.005	-0.002	1.5336	
10080 minute summer	2	3.001	5	-0.3	0.008	-0.005	0.9516	

Results for 30 year +40% CC Critical Storm Duration. Lowest mass balance: 96.97%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	3	20	10.949	0.122	13.7	0.0000	0.0000	OK
10080 minute summer	4	7020	10.685	0.695	1.6	0.0000	0.0000	FLOOD RISK
30 minute summer	21	20	10.949	0.099	15.4	0.0000	0.0000	OK
10080 minute summer	23	7020	10.685	0.295	1.4	0.0000	0.0000	OK
120 minute summer	*H1	114	11.526	0.806	26.6	40.0163	0.0000	FLOOD RISK
30 minute summer	*H4	19	11.565	1.085	22.3	0.1725	0.0000	FLOOD RISK
10080 minute summer	*H5	7020	10.685	0.256	1.7	0.0000	0.0000	OK
10080 minute summer	*H6	7020	10.685	0.296	1.3	0.0000	0.0000	OK
10080 minute summer	24	7020	10.685	0.335	1.4	0.0000	0.0000	OK
15 minute summer	*H2	10	11.797	0.097	12.3	0.0154	0.0000	OK
15 minute summer	*H3	12	11.645	0.105	12.2	0.0167	0.0000	OK
10080 minute summer	25	7020	10.685	0.422	1.3	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	3	5.001	IC07	12.7	2.046	0.452	0.0290	
10080 minute summer	4	1.005	5	1.3	0.247	0.020	1.0007	
30 minute summer	21	5.001_1	3	13.7	0.084	0.012	4.3347	
10080 minute summer	23	1.005_1	24	1.3	0.030	0.000	12.2922	
120 minute summer	*H1	*2.000	*H4	-8.2	-0.465	-0.462	0.4193	
30 minute summer	*H4	*1.002	*H5	3.1	0.859	0.059	0.0468	
10080 minute summer	*H5	*1.003	*H6	1.2	0.012	0.000	10.0640	
10080 minute summer	*H6	1.004_2	23	1.3	0.093	0.000	8.8959	
10080 minute summer	24	1.006	25	1.2	0.045	0.000	19.2978	
15 minute summer	*H2	*1.000	*H3	12.2	1.049	0.685	0.1865	
15 minute summer	*H3	*1.001	*H4	11.2	0.784	0.323	0.4279	
10080 minute summer	25	1.007_1	IC05	1.3	0.010	0.000	21.2902	

Results for 100 year +45% CC Critical Storm Duration. Lowest mass balance: 97.58%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	EX IC01	9	11.500	0.700	19.1	0.1981	2.1711	FLOOD
15 minute summer	EX IC02	11	10.879	0.366	21.4	0.1036	0.0000	SURCHARGED
10080 minute summer	EX.IC03	7260	10.785	0.629	0.5	0.1781	0.0000	SURCHARGED
10080 minute summer	IC04	7260	10.785	0.689	0.8	0.1950	0.0000	SURCHARGED
10080 minute summer	5	7260	10.785	0.838	1.3	0.0000	0.0000	SURCHARGED
10080 minute summer	20	7260	10.785	0.834	0.4	14.8105	0.0000	SURCHARGED
10080 minute summer	IC07	7260	10.785	0.945	0.4	1.0690	0.0000	FLOOD RISK
15 minute summer	22	1	10.410	0.694	0.0	0.0000	0.0000	OK
10080 minute summer	6	7260	10.785	0.840	1.6	14.8105	0.0000	SURCHARGED
10080 minute summer	7	7260	10.785	0.841	1.5	14.8105	0.0000	SURCHARGED
10080 minute summer	8	7260	10.785	0.842	1.4	14.8105	0.0000	SURCHARGED
10080 minute summer	9	7260	10.785	0.843	1.3	14.8105	0.0000	SURCHARGED
10080 minute summer	10	7260	10.785	0.843	1.2	14.8105	0.0000	SURCHARGED
10080 minute summer	11	7260	10.785	0.844	1.1	14.8105	0.0000	SURCHARGED
10080 minute summer	12	7260	10.785	0.829	1.0	14.8105	0.0000	SURCHARGED
10080 minute summer	13	7260	10.785	0.830	0.9	14.8105	0.0000	SURCHARGED
10080 minute summer	14	7260	10.785	0.831	0.8	14.8105	0.0000	SURCHARGED
10080 minute summer	15	7260	10.785	0.832	0.7	14.8105	0.0000	SURCHARGED
10080 minute summer	16	7260	10.785	0.833	0.6	14.8105	0.0000	SURCHARGED
10080 minute summer	17	7260	10.785	0.833	0.5	14.8105	0.0000	SURCHARGED
10080 minute summer	18	7260	10.785	0.834	0.4	14.8105	0.0000	SURCHARGED
10080 minute summer	19	7260	10.785	0.834	0.4	14.8105	0.0000	SURCHARGED
10080 minute summer	IC05	7260	10.785	0.762	2.3	0.0000	0.0000	FLOOD RISK
15 minute summer	RE02	10	11.146	0.196	21.9	0.2218	0.0000	FLOOD RISK
10080 minute summer	IC06	7260	10.785	0.655	0.3	34.2154	0.0000	FLOOD RISK
10080 minute summer	RE01	7260	10.785	0.409	0.3	0.0074	0.0000	SURCHARGED
10080 minute summer	1	7260	10.785	0.717	0.3	34.1441	0.0000	FLOOD RISK
10080 minute summer	2	7260	10.785	0.790	0.5	34.2537	0.0000	FLOOD RISK
Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	EX IC01	1.000	EX IC02	9.2	1.179	1.529	0.2248	
15 minute summer	EX IC02	1.001	EX.IC03	20.9	1.192	1.451	0.5286	
10080 minute summer	EX.IC03	1.002	IC04	0.5	0.024	0.008	1.2620	
10080 minute summer	IC04	1.003	IC05	0.8	0.011	0.012	1.5405	
10080 minute summer	5	1.004	6	1.1	0.020	0.065	1.2382	
10080 minute summer	20	1.019	IC07	0.3	0.009	0.006	1.2801	
10080 minute summer	IC07	1.022	22	0.3	0.044	0.063	0.0998	302.5
10080 minute summer	6	1.007	7	1.5	0.127	0.105	0.8378	
10080 minute summer	7	1.008	8	1.4	0.137	0.099	0.8398	
10080 minute summer	8	1.009	9	1.3	0.171	0.082	0.6786	
10080 minute summer	9	1.010_1	10	1.2	0.211	0.025	0.3794	
10080 minute summer	10	1.011	11	1.1	0.393	0.061	0.5317	
10080 minute summer	11	1.010	12	1.0	0.110	0.044	1.3395	
10080 minute summer	12	1.013	13	0.9	0.111	0.069	1.0254	
10080 minute summer	13	1.014	14	0.8	0.122	0.062	1.0282	
10080 minute summer	14	1.015	15	0.7	0.143	0.048	0.8089	
10080 minute summer	15	1.016	16	0.6	0.193	0.034	0.6037	
10080 minute summer	16	1.017	17	0.5	0.444	0.010	0.3703	
10080 minute summer	17	1.018	18	0.4	0.013	0.019	0.3797	
10080 minute summer	18	1.019_1	19	0.4	0.009	0.008	0.3712	
10080 minute summer	19	1.020	20	0.4	0.004	0.007	0.3712	
10080 minute summer	IC05	1.004_1	4	2.4	0.012	0.001	66.7350	
15 minute summer	RE02	5.000	21	21.7	1.233	1.504	0.0797	
10080 minute summer	IC06	4.000	2	-0.1	0.023	-0.003	0.5681	
10080 minute summer	RE01	2.000	IC04	0.3	0.270	0.017	0.2850	
10080 minute summer	1	3.000	2	-0.1	0.005	-0.002	1.5336	
10080 minute summer	2	3.001	5	-0.3	0.007	-0.005	0.9516	

Results for 100 year +45% CC Critical Storm Duration. Lowest mass balance: 97.58%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	3	20	10.967	0.140	17.1	0.0000	0.0000	OK
10080 minute summer	4	7260	10.785	0.795	2.4	0.0000	0.0000	FLOOD RISK
30 minute summer	21	20	10.967	0.117	20.1	0.0000	0.0000	OK
10080 minute summer	23	7260	10.785	0.395	1.4	0.0000	0.0000	OK
120 minute summer	*H1	120	11.670	0.950	35.0	55.4697	0.0000	FLOOD RISK
30 minute summer	*H4	18	11.704	1.224	27.5	0.1946	0.6380	FLOOD
10080 minute summer	*H5	7260	10.785	0.356	1.4	0.0000	0.0000	OK
10080 minute summer	*H6	7260	10.785	0.396	1.4	0.0000	0.0000	OK
10080 minute summer	24	7260	10.785	0.435	1.4	0.0000	0.0000	OK
15 minute summer	*H2	11	12.017	0.317	15.9	0.0505	0.0000	FLOOD RISK
15 minute summer	*H3	12	11.901	0.361	14.6	0.0574	0.0000	FLOOD RISK
10080 minute summer	25	7260	10.785	0.522	1.5	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	3	5.001	IC07	15.1	2.062	0.535	0.0333	
10080 minute summer	4	1.005	5	1.3	0.083	0.020	1.0007	
30 minute summer	21	5.001_1	3	17.1	0.100	0.015	5.1005	
10080 minute summer	23	1.005_1	24	1.3	0.029	0.000	18.6533	
120 minute summer	*H1	*2.000	*H4	-11.2	-0.636	-0.631	0.4193	
30 minute summer	*H4	*1.002	*H5	3.3	0.851	0.063	0.0503	
10080 minute summer	*H5	*1.003	*H6	1.3	0.012	0.000	15.9214	
10080 minute summer	*H6	1.004_2	23	1.3	0.089	0.000	14.4858	
10080 minute summer	24	1.006	25	1.4	0.026	0.000	26.7618	
15 minute summer	*H2	*1.000	*H3	14.6	1.078	0.820	0.2748	
15 minute summer	*H3	*1.001	*H4	13.9	0.790	0.399	0.4902	
10080 minute summer	25	1.007_1	IC05	1.6	0.010	0.000	26.9397	