

Results for 30 year +40% CC Critical Storm Duration. Lowest mass balance: 97.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	1	27	152.776	0.286	47.7	0.0000	0.0000	OK
30 minute winter	2	27	152.776	0.406	32.9	0.0000	0.0000	FLOOD RISK
360 minute winter	3	352	151.411	0.261	8.4	0.0000	0.0000	OK
360 minute winter	4	352	151.411	0.486	6.1	0.0000	0.0000	FLOOD RISK
360 minute winter	5	352	151.398	0.573	1.1	0.6485	0.0000	OK

Link Event (Outflow)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	1	1.000	2	53.2	0.316	0.076	20.1903	
30 minute winter	2	1.001	3	9.4	1.201	1.180	0.0386	
15 minute summer	3	1.002	4	10.8	0.181	0.004	21.4141	
15 minute winter	4	1.003	5	2.0	0.352	0.676	0.0391	
15 minute summer	5	Hydro-Brake®		1.0				13.5

Results for 100 year Critical Storm Duration. Lowest mass balance: 97.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	1	26	152.748	0.258	43.2	0.0000	0.0000	OK
30 minute winter	2	26	152.748	0.378	33.2	0.0000	0.0000	FLOOD RISK
360 minute winter	3	352	151.372	0.221	7.5	0.0000	0.0000	OK
360 minute winter	4	352	151.372	0.446	6.1	0.0000	0.0000	FLOOD RISK
360 minute winter	5	352	151.360	0.535	1.1	0.6051	0.0000	OK

Link Event (Outflow)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	1	1.000	2	48.8	0.312	0.069	15.4017	
30 minute winter	2	1.001	3	9.3	1.185	1.165	0.0385	
15 minute summer	3	1.002	4	11.1	0.191	0.004	19.2557	
15 minute winter	4	1.003	5	2.0	0.349	0.684	0.0391	
15 minute summer	5	Hydro-Brake®		1.0				13.8

Results for 100 year +20% CC Critical Storm Duration. Lowest mass balance: 97.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	1	47	152.802	0.312	34.8	0.0000	0.0000	OK
60 minute winter	2	46	152.802	0.432	23.3	0.0000	0.0000	FLOOD RISK
360 minute winter	3	352	151.435	0.285	8.4	0.0000	0.0000	OK
360 minute winter	4	352	151.435	0.510	6.4	0.0000	0.0000	FLOOD RISK
360 minute winter	5	352	151.422	0.597	1.1	0.6756	0.0000	OK

Link Event (Outflow)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	1	1.000	2	56.5	0.303	0.080	19.2648	
60 minute winter	2	1.001	3	9.5	1.215	1.194	0.0386	
15 minute summer	3	1.002	4	10.7	0.184	0.004	23.1370	
15 minute summer	4	1.003	5	2.1	0.352	0.699	0.0391	
360 minute winter	5	Hydro-Brake®		1.0				32.2

Results for 100 year +40% CC Critical Storm Duration. Lowest mass balance: 97.69%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	1	48	152.855	0.365	40.6	0.0000	0.0000	OK
60 minute winter	2	48	152.855	0.485	26.3	0.0000	0.0000	FLOOD RISK
360 minute winter	3	360	151.496	0.346	8.6	0.0000	0.0000	OK
360 minute winter	4	360	151.496	0.571	6.6	0.0000	0.0000	FLOOD RISK
360 minute winter	5	360	151.482	0.657	1.0	0.7434	0.0000	OK

Link Event (Outflow)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	1	1.000	2	64.9	0.306	0.092	23.2047	
60 minute winter	2	1.001	3	9.7	1.245	1.223	0.0386	
15 minute winter	3	1.002	4	11.1	0.195	0.004	30.2912	
30 minute winter	4	1.003	5	2.0	0.350	0.669	0.0391	
360 minute winter	5	Hydro-Brake®		1.0				33.4

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