



Simulation Settings

Rainfall Methodology	FEH-22	Analysis Speed	Normal	Additional Storage (m³/ha)	0.0
Summer CV	1.000	Skip Steady State	x	Check Discharge Rate(s)	x
Winter CV	1.000	Drain Down Time (mins)	240	Check Discharge Volume	x

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 %)
30	0	0	0

Results for 30 year Critical Storm Duration. Lowest mass balance: 98.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	EX S1	13	23.862	1.182	16.5	1.3368	0.0000	FLOOD RISK
15 minute summer	1.000:50%	13	23.812	1.207	20.0	0.4462	0.0000	PONDING
15 minute summer	EX S2	10	23.820	1.135	25.2	1.2258	1.3150	FLOOD
15 minute summer	EX S3	9	23.740	1.209	44.2	1.3057	6.2214	FLOOD
15 minute summer	1.001:50%	10	23.740	1.242	28.2	0.0000	0.0000	SURCHARGED
15 minute summer	EX S4	10	23.760	1.238	15.6	1.4002	0.0991	FLOOD
15 minute summer	EX S5	10	23.739	1.273	67.4	1.3749	0.0000	FLOOD RISK
15 minute summer	EX S6	10	23.356	0.909	59.4	0.9812	0.0000	SURCHARGED
15 minute summer	EX S7	10	22.970	0.543	56.1	0.5864	0.0000	SURCHARGED
15 minute summer	EX S8	11	22.530	0.129	56.0	0.1457	0.0000	OK
480 minute winter	TW JNC 2903	368	19.883	1.772	6.7	2.0044	0.0000	OK
600 minute summer	TW 2930	435	19.883	1.803	15.3	10.5438	0.0000	OK
15 minute summer	TW 2930 Bend	1	19.882	1.829	0.0	0.0000	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	EX S1	1.000	1.000:50%	18.4	1.047	1.036	0.1305	
15 minute winter	EX S1	1.000	EX S3	21.5	1.221	1.208	0.1305	
15 minute summer	EX S2	2.000	EX S4	15.6	0.885	0.677	0.1723	
15 minute winter	EX S3	1.001	1.001:50%	28.1	1.594	1.220	0.0343	
15 minute winter	EX S3	1.001	EX S5	30.7	1.744	1.336	0.0343	
15 minute summer	EX S4	2.001	EX S5	15.1	0.856	0.653	0.0586	
15 minute summer	EX S5	1.004	EX S6	59.4	3.373	2.593	0.0202	
15 minute summer	EX S6	1.005	EX S7	56.1	3.188	2.422	0.0208	
15 minute summer	EX S7	1.006	EX S8	56.0	3.200	2.455	0.0267	
15 minute summer	EX S8	1.007	TW 2930	56.0	3.633	0.952	0.3779	
15 minute winter	TW JNC 2903	3.000	TW 2930	-23.6	-0.249	-0.006	26.3814	
600 minute winter	TW 2930	3.001	TW 2930 Bend	5.5	0.002	0.001	71.8156	19.3

Results for 30 year Critical Storm Duration. Lowest mass balance: 98.90%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	Channel Outlet	10	23.900	0.410	18.2	0.0652	0.8367	FLOOD
15 minute summer	LDC J4	12	23.945	0.405	11.7	0.0000	0.0000	FLOOD RISK
15 minute summer	4.003:50%	11	23.936	0.421	19.7	0.0770	0.0000	PONDING
15 minute summer	LDC J3	12	24.054	0.414	5.9	0.4680	0.0000	FLOOD RISK
15 minute summer	4.002:50%	12	24.026	0.411	13.5	0.0400	0.0000	PONDING
15 minute summer	LDC J2	12	24.101	0.411	6.9	0.0000	0.0000	FLOOD RISK
15 minute summer	LDC J1	12	24.120	0.380	2.4	0.0000	0.0000	FLOOD RISK
15 minute summer	4.000:50%	12	24.119	0.404	9.8	0.0000	0.0000	SURCHARGED

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	Channel Outlet	4.004	EX S1	16.5	1.681	0.212	0.0755	
15 minute summer	LDC J4	4.003	4.003:50%	12.0	0.907	0.606	0.0352	
15 minute summer	LDC J4	4.003	Channel Outlet	18.2	1.679	0.916	0.0352	
15 minute summer	LDC J3	4.002	4.002:50%	7.2	0.918	1.062	0.0156	
30 minute summer	LDC J3	4.002	LDC J4	11.7	1.499	1.734	0.0156	
15 minute summer	LDC J2	4.001	LDC J3	5.9	0.749	0.866	0.0313	
15 minute summer	LDC J1	4.000	4.000:50%	-2.4	-0.304	-0.352	0.0156	
15 minute summer	LDC J1	4.000	LDC J2	6.9	0.884	1.023	0.0156	