

**Results for 100 year +45% CC Critical Storm Duration. Lowest mass balance: 99.87%**

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m <sup>3</sup> )	Flood (m <sup>3</sup> )	Status
360 minute summer	10	184	23.338	0.087	13.7	0.3701	0.0000	OK
360 minute summer	11	184	23.285	0.091	9.3	0.3561	0.0000	OK
360 minute summer	9	184	23.279	0.117	22.7	0.2973	0.0000	OK
360 minute summer	8	184	23.241	0.146	34.8	0.6396	0.0000	OK
360 minute summer	7	296	23.235	0.517	51.9	0.4476	0.0000	OK
360 minute summer	6	296	23.235	0.662	81.1	0.5731	0.0000	OK
360 minute summer	5	296	23.235	0.680	84.0	2.0705	0.0000	SURCHARGED
360 minute summer	4	296	23.235	0.768	83.0	4.4290	0.0000	SURCHARGED
360 minute summer	14	312	23.235	0.631	17.5	2.5608	0.0000	SURCHARGED
360 minute summer	13	312	23.235	0.865	28.7	3.3738	0.0000	SURCHARGED
360 minute summer	12	312	23.235	0.886	35.4	3.1358	0.0000	SURCHARGED
360 minute summer	3	296	23.235	1.080	56.0	6.1338	0.0000	SURCHARGED
360 minute summer	2	296	23.235	1.218	22.3	7.0897	0.0000	SURCHARGED
360 minute summer	1	160	21.674	0.065	18.6	0.0000	0.0000	OK

Link Event (Upstream Depth)	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m <sup>3</sup> )	Discharge Vol (m <sup>3</sup> )
360 minute summer	10	1.000	9	13.6	0.505	0.084	0.9638	
360 minute summer	11	2.000	9	9.2	0.332	0.057	0.3595	
360 minute summer	9	1.001	8	22.4	0.582	0.139	1.0368	
360 minute summer	8	1.002	7	34.5	0.852	0.215	0.5163	
360 minute summer	7	Flow through Pond	6	-20.4	0.059	-0.002	399.7649	
360 minute summer	6	1.004	5	-81.1	-0.520	-0.174	2.5235	
360 minute summer	5	1.005	4	-79.0	0.407	-0.169	12.5841	
360 minute summer	4	1.006	3	-47.0	0.343	-0.064	18.1045	
360 minute summer	14	3.000	13	12.9	0.295	0.038	26.3971	
360 minute summer	13	3.001	12	24.2	0.401	0.071	2.3362	
360 minute summer	12	3.002	3	34.1	0.494	0.100	13.4549	
360 minute summer	3	1.007	2	18.3	0.299	0.039	19.7070	
360 minute summer	2	1.008	1	18.6	1.858	0.185	0.1100	594.6