Results for 100 year +50% CC Critical Storm Duration. Lowest mass balance: 98.09%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
960 minute winter	S01	930	26.779	0.242	0.8	0.1606	0.0000	SURCHARGED
960 minute winter	S02	930	26.779	0.879	1.4	0.0158	0.0000	SURCHARGED
15 minute winter	S03	10	27.288	0.588	96.5	1.8301	0.0000	SURCHARGED
960 minute winter	S04	930	26.779	1.173	80.7	1138.5920	0.0000	SURCHARGED
960 minute winter	S05	930	26.779	1.190	74.5	2.1025	0.0000	SURCHARGED
960 minute winter	OU	930	26.779	0.979	4.0	2.0974	0.0000	FLOOD RISK
960 minute winter	S06	930	26.779	1.161	3.8	2.0510	0.0000	SURCHARGED
960 minute winter	S07	930	26.779	1.484	75.3	2.6218	0.0000	SURCHARGED
120 minute winter	S08	86	27.444	0.594	83.5	7.4823	0.0000	FLOOD RISK
120 minute winter	SW1	88	27.439	0.689	83.1	0.0000	0.0000	OK
120 minute winter	SP1	88	27.442	0.612	97.1	7.2044	0.0000	SURCHARGED
120 minute winter	SW2	88	27.439	0.771	231.8	0.4966	0.0000	OK
120 minute winter	SP2	86	27.443	0.623	97.1	7.3393	0.0000	SURCHARGED
120 minute winter	SW3	88	27.439	0.837	291.5	0.5030	0.0000	OK
120 minute winter	SP3	86	27.443	0.623	97.1	7.3578	0.0000	SURCHARGED
120 minute winter	SW4	88	27.440	0.904	376.7	0.5098	0.0000	OK
120 minute summer	S09	64	27.600	1.730	21.1	1.9565	0.0000	FLOOD RISK
120 minute winter	S10	88	27.439	2.079	383.1	398.7262	0.0000	FLOOD RISK
120 minute winter	S11	86	27.361	2.120	146.7	5.3941	0.0000	FLOOD RISK
15 minute summer	Headwall	1	25.000	0.000	11.0	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	S01	1.000	S02	11.7	1.020	0.657	0.0936	
15 minute winter	S02	1.001	S04	11.8	1.143	0.094	3.3322	
15 minute winter	S03	2.000	S04	93.3	2.346	1.656	0.4398	
60 minute winter	S04	1.002	S05	-151.8	-2.068	-1.205	0.4752	
60 minute winter	S05	1.003	S07	-151.7	-1.377	-1.204	8.1152	
15 minute winter	OU	3.000	S06	58.0	1.106	0.460	3.2951	
15 minute winter	S06	3.001	S07	52.9	0.865	0.493	12.2420	
60 minute winter	S07	1.004	S11	-139.5	-3.508	-3.478	0.3573	
15 minute winter	S08	4.000	SW1	244.0	2.288	1.665	1.8473	
30 minute winter	SW1	4.001	SW2	-356.4	0.629	-0.089	37.4044	
15 minute winter	SP1	5.000	SW2	288.5	2.616	1.382	0.8026	
15 minute winter	SW2	4.002	SW3	550.8	1.004	0.067	14.9523	
15 minute winter	SP2	6.000	SW3	283.1	2.567	0.998	0.8033	
15 minute winter	SW3	4.003	SW4	856.2	1.234	0.104	20.0513	
15 minute winter	SP3	7.000	SW4	279.8	2.706	0.987	0.7923	
15 minute winter	SW4	4.004	S10	1136.7	1.611	0.138	21.7775	
30 minute summer	S09	8.000	S10	-134.1	-1.284	-1.060	13.9586	
15 minute winter	S10	4.005	S11	204.7	1.856	0.746	0.7012	
120 minute winter	S11	Hydro-Brake®	Headwall	11.2				209.1

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Results for 1 year 15 minute summer. 255 minute analysis at 1 minute timestep. Mass balance: 99.75%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute summer	S01	10	26.576	0.039	2.4	0.0256	0.0000	OK
15 minute summer	S02	11	25.942	0.042	2.4	0.0008	0.0000	OK
15 minute summer	S03	10	26.798	0.098	19.4	0.3038	0.0000	OK
15 minute summer	S04	24	25.616	0.010	21.1	9.2698	0.0000	OK
15 minute summer	S05	54	25.598	0.009	0.1	0.0162	0.0000	OK
15 minute summer	OU	11	25.878	0.078	11.9	0.1669	0.0000	OK
15 minute summer	S06	11	25.701	0.083	11.6	0.1474	0.0000	OK
15 minute summer	S07	21	25.544	0.249	33.3	0.4400	0.0000	SURCHARGED
15 minute summer	S08	10	26.999	0.149	50.7	1.8779	0.0000	OK
15 minute summer	SW1	11	26.862	0.112	49.7	0.0000	0.0000	OK
15 minute summer	SP1	10	26.975	0.145	59.0	1.7018	0.0000	OK
15 minute summer	SW2	11	26.835	0.167	110.6	0.1076	0.0000	OK
15 minute summer	SP2	10	26.945	0.125	59.0	1.4712	0.0000	OK
15 minute summer	SW3	11	26.806	0.204	171.9	0.1226	0.0000	OK
15 minute summer	SP3	10	26.944	0.124	59.0	1.4636	0.0000	OK
15 minute summer	SW4	11	26.769	0.233	232.7	0.1311	0.0000	OK
15 minute summer	S09	1	25.870	0.000	0.0	0.0000	0.0000	OK
15 minute summer	S10	22	25.541	0.181	236.1	89.5065	0.0000	OK
15 minute summer	S11	73	25.551	0.310	45.7	0.7892	0.0000	SURCHARGED
15 minute summer	Headwall	1	25.000	0.000	10.2	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	S01	1.000	S02	2.4	0.684	0.134	0.0284	
15 minute summer	S02	1.001	S04	2.3	0.780	0.018	0.2595	
15 minute summer	S03	2.000	S04	19.1	1.223	0.339	0.1746	
15 minute summer	S04	1.002	S05	0.1	0.284	0.001	0.0029	
15 minute summer	S05	1.003	S07	0.1	0.167	0.001	2.8686	
15 minute summer	OU	3.000	S06	11.6	0.719	0.092	0.4841	
15 minute summer	S06	3.001	S07	11.6	0.745	0.108	4.5791	
15 minute summer	S07	1.004	S11	-21.8	-0.632	-0.542	0.3573	
15 minute summer	S08	4.000	SW1	49.7	1.470	0.339	0.6298	
15 minute summer	SW1	4.001	SW2	49.8	0.534	0.012	3.1449	
15 minute summer	SP1	5.000	SW2	58.1	1.565	0.278	0.2728	
15 minute summer	SW2	4.002	SW3	111.4	0.745	0.014	3.9684	
15 minute summer	SP2	6.000	SW3	58.1	1.890	0.205	0.2450	
15 minute summer	SW3	4.003	SW4	172.0	0.871	0.021	5.2165	
15 minute summer	SP3	7.000	SW4	58.2	1.944	0.205	0.2203	
15 minute summer	SW4	4.004	S10	230.5	1.093	0.028	4.8366	
15 minute summer	S09	8.000	S10	0.0	0.000	0.000	3.3214	
15 minute summer	S10	4.005	S11	33.7	0.751	0.123	0.4635	
15 minute summer	S11	Hydro-Brake®	Headwall	10.2				104.7

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Results for 1 year 15 minute winter. 255 minute analysis at 1 minute timestep. Mass balance: 99.77%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
15 minute winter	S01	10	26.576	0.039	2.5	0.0260	0.0000	OK
15 minute winter	S02	11	25.943	0.043	2.4	0.0008	0.0000	OK
15 minute winter	S03	10	26.800	0.100	20.4	0.3125	0.0000	OK
15 minute winter	S04	23	25.617	0.011	22.1	10.3680	0.0000	OK
15 minute winter	S05	49	25.599	0.010	0.2	0.0181	0.0000	OK
15 minute winter	OU	10	25.880	0.080	12.6	0.1707	0.0000	OK
15 minute winter	S06	11	25.702	0.084	12.2	0.1491	0.0000	OK
15 minute winter	S07	20	25.565	0.270	35.0	0.4779	0.0000	SURCHARGED
15 minute winter	S08	10	27.003	0.153	53.3	1.9240	0.0000	OK
15 minute winter	SW1	11	26.864	0.114	52.0	0.0000	0.0000	OK
15 minute winter	SP1	10	26.978	0.148	62.0	1.7467	0.0000	OK
15 minute winter	SW2	11	26.839	0.171	115.4	0.1101	0.0000	OK
15 minute winter	SP2	10	26.948	0.128	62.0	1.5131	0.0000	OK
15 minute winter	SW3	11	26.810	0.208	179.5	0.1252	0.0000	OK
15 minute winter	SP3	10	26.947	0.127	62.0	1.5020	0.0000	OK
15 minute winter	SW4	11	26.773	0.237	243.0	0.1338	0.0000	OK
15 minute winter	S09	1	25.870	0.000	0.0	0.0000	0.0000	OK
15 minute winter	S10	22	25.564	0.204	247.2	101.1182	0.0000	OK
15 minute winter	S11	37	25.570	0.328	45.8	0.8360	0.0000	SURCHARGED
15 minute winter	Headwall	1	25.000	0.000	10.4	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	S01	1.000	S02	2.4	0.689	0.138	0.0290	
15 minute winter	S02	1.001	S04	2.3	0.784	0.018	0.2651	
15 minute winter	S03	2.000	S04	20.0	1.237	0.356	0.1810	
15 minute winter	S04	1.002	S05	0.2	0.308	0.001	0.0035	
15 minute winter	S05	1.003	S07	0.2	0.175	0.001	3.1438	
15 minute winter	OU	3.000	S06	12.2	0.729	0.097	0.5002	
15 minute winter	S06	3.001	S07	12.3	0.729	0.115	5.0686	
15 minute winter	S07	1.004	S11	-23.1	-0.613	-0.576	0.3573	
15 minute winter	S08	4.000	SW1	52.0	1.491	0.355	0.6483	
15 minute winter	SW1	4.001	SW2	52.1	0.539	0.013	3.2605	
15 minute winter	SP1	5.000	SW2	60.8	1.583	0.291	0.2823	
15 minute winter	SW2	4.002	SW3	116.5	0.751	0.014	4.1166	
15 minute winter	SP2	6.000	SW3	60.8	1.867	0.215	0.2547	
15 minute winter	SW3	4.003	SW4	179.9	0.879	0.022	5.4025	
15 minute winter	SP3	7.000	SW4	61.0	1.967	0.215	0.2280	
15 minute winter	SW4	4.004	S10	241.3	1.104	0.029	5.0053	
15 minute winter	S09	8.000	S10	0.0	0.000	0.000	3.8762	
15 minute winter	S10	4.005	S11	35.1	0.756	0.128	0.5195	
15 minute winter	S11	Hydro-Brake®	Headwall	10.4				117.1

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Results for 1 year 30 minute summer. 270 minute analysis at 1 minute timestep. Mass balance: 99.80%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute summer	S01	18	26.573	0.036	2.1	0.0240	0.0000	OK
30 minute summer	S02	19	25.939	0.039	2.1	0.0007	0.0000	OK
30 minute summer	S03	18	26.792	0.092	17.4	0.2869	0.0000	OK
30 minute summer	S04	37	25.618	0.012	19.3	12.0093	0.0000	OK
30 minute summer	S05	53	25.601	0.012	0.2	0.0210	0.0000	OK
30 minute summer	OU	18	25.875	0.075	10.7	0.1598	0.0000	OK
30 minute summer	S06	19	25.694	0.076	10.6	0.1346	0.0000	OK
30 minute summer	S07	36	25.593	0.298	28.2	0.5261	0.0000	SURCHARGED
30 minute summer	S08	18	26.992	0.142	45.6	1.7904	0.0000	OK
30 minute summer	SW1	18	26.857	0.107	45.5	0.0000	0.0000	OK
30 minute summer	SP1	18	26.967	0.137	53.1	1.6148	0.0000	OK
30 minute summer	SW2	18	26.827	0.159	101.4	0.1023	0.0000	OK
30 minute summer	SP2	18	26.938	0.118	53.1	1.3954	0.0000	OK
30 minute summer	SW3	18	26.796	0.194	155.9	0.1166	0.0000	OK
30 minute summer	SP3	18	26.937	0.117	53.1	1.3879	0.0000	OK
30 minute summer	SW4	19	26.758	0.222	209.5	0.1254	0.0000	OK
30 minute summer	S09	1	25.870	0.000	0.0	0.0000	0.0000	OK
30 minute summer	S10	36	25.592	0.232	216.2	114.7878	0.0000	OK
30 minute summer	S11	38	25.596	0.355	44.1	0.9045	0.0000	SURCHARGED
30 minute summer	Headwall	1	25.000	0.000	10.5	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	S01	1.000	S02	2.1	0.662	0.118	0.0259	
30 minute summer	S02	1.001	S04	2.0	0.729	0.016	0.2397	
30 minute summer	S03	2.000	S04	17.4	1.197	0.309	0.1624	
30 minute summer	S04	1.002	S05	0.2	0.314	0.002	0.0044	
30 minute summer	S05	1.003	S07	0.2	0.168	0.002	3.4838	
30 minute summer	OU	3.000	S06	10.6	0.698	0.084	0.4539	
30 minute summer	S06	3.001	S07	10.0	0.517	0.093	5.4028	
30 minute summer	S07	1.004	S11	-18.9	-0.562	-0.472	0.3573	
30 minute summer	S08	4.000	SW1	45.5	1.426	0.311	0.5941	
30 minute summer	SW1	4.001	SW2	45.1	0.523	0.011	2.9014	
30 minute summer	SP1	5.000	SW2	53.1	1.531	0.254	0.2549	
30 minute summer	SW2	4.002	SW3	100.2	0.733	0.012	3.6425	
30 minute summer	SP2	6.000	SW3	53.0	1.809	0.187	0.2249	
30 minute summer	SW3	4.003	SW4	155.7	0.856	0.019	4.8060	
30 minute summer	SP3	7.000	SW4	53.1	1.901	0.187	0.2054	
30 minute summer	SW4	4.004	S10	211.4	1.070	0.026	4.4956	
30 minute summer	S09	8.000	S10	0.0	0.000	0.000	4.5208	
30 minute summer	S10	4.005	S11	33.3	0.729	0.121	0.5701	
30 minute summer	S11	Hydro-Brake®	Headwall	10.5				136.5

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Results for 1 year 30 minute winter. 270 minute analysis at 1 minute timestep. Mass balance: 99.76%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
30 minute winter	S01	18	26.571	0.034	1.9	0.0228	0.0000	OK
30 minute winter	S02	19	25.937	0.037	1.9	0.0007	0.0000	OK
30 minute winter	S03	18	26.787	0.087	15.7	0.2704	0.0000	OK
30 minute winter	S04	41	25.620	0.014	17.5	13.5766	0.0000	OK
30 minute winter	S05	35	25.623	0.034	2.1	0.0606	0.0000	OK
30 minute winter	OU	18	25.871	0.071	9.7	0.1522	0.0000	OK
30 minute winter	S06	19	25.691	0.073	9.6	0.1297	0.0000	OK
30 minute winter	S07	37	25.622	0.327	26.1	0.5776	0.0000	SURCHARGED
30 minute winter	S08	18	26.985	0.135	41.3	1.7020	0.0000	OK
30 minute winter	SW1	18	26.852	0.102	41.3	0.0000	0.0000	OK
30 minute winter	SP1	18	26.960	0.130	48.0	1.5274	0.0000	OK
30 minute winter	SW2	18	26.819	0.151	91.9	0.0974	0.0000	OK
30 minute winter	SP2	18	26.932	0.112	48.0	1.3171	0.0000	OK
30 minute winter	SW3	18	26.788	0.186	141.8	0.1115	0.0000	OK
30 minute winter	SP3	18	26.931	0.111	48.0	1.3132	0.0000	OK
30 minute winter	SW4	19	26.749	0.213	191.2	0.1202	0.0000	OK
30 minute winter	S09	1	25.870	0.000	0.0	0.0000	0.0000	OK
30 minute winter	S10	36	25.622	0.262	196.7	129.7969	0.0000	OK
30 minute winter	S11	37	25.624	0.383	42.8	0.9738	0.0000	SURCHARGED
30 minute winter	Headwall	1	25.000	0.000	10.6	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	S01	1.000	S02	1.9	0.644	0.107	0.0241	
30 minute winter	S02	1.001	S04	1.9	0.705	0.015	0.2278	
30 minute winter	S03	2.000	S04	15.7	1.167	0.279	0.1504	
30 minute winter	S04	1.002	S05	0.3	0.329	0.002	0.0135	
30 minute winter	S05	1.003	S07	-1.8	-0.038	-0.014	3.9341	
30 minute winter	OU	3.000	S06	9.6	0.679	0.077	0.4242	
30 minute winter	S06	3.001	S07	9.3	0.543	0.086	5.8841	
30 minute winter	S07	1.004	S11	-18.0	-0.538	-0.449	0.3573	
30 minute winter	S08	4.000	SW1	41.3	1.381	0.281	0.5560	
30 minute winter	SW1	4.001	SW2	41.0	0.513	0.010	2.6881	
30 minute winter	SP1	5.000	SW2	48.0	1.491	0.230	0.2367	
30 minute winter	SW2	4.002	SW3	91.3	0.719	0.011	3.3733	
30 minute winter	SP2	6.000	SW3	47.9	1.780	0.169	0.2057	
30 minute winter	SW3	4.003	SW4	141.7	0.838	0.017	4.4652	
30 minute winter	SP3	7.000	SW4	48.0	1.852	0.169	0.1906	
30 minute winter	SW4	4.004	S10	192.2	1.048	0.023	4.1729	
30 minute winter	S09	8.000	S10	0.0	0.000	0.000	5.2014	
30 minute winter	S10	4.005	S11	30.7	0.724	0.112	0.6118	
30 minute winter	S11	Hydro-Brake®	Headwall	10.6				148.9

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Results for 1 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 99.71%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute summer	S01	33	26.568	0.031	1.6	0.0208	0.0000	OK
60 minute summer	S02	34	25.934	0.034	1.6	0.0006	0.0000	OK
60 minute summer	S03	33	26.779	0.079	13.2	0.2452	0.0000	OK
60 minute summer	S04	81	25.623	0.017	14.7	16.7276	0.0000	OK
60 minute summer	S05	65	25.637	0.048	1.5	0.0855	0.0000	OK
60 minute summer	OU	33	25.865	0.065	8.1	0.1391	0.0000	OK
60 minute summer	S06	35	25.685	0.067	8.0	0.1183	0.0000	OK
60 minute summer	S07	64	25.637	0.342	17.4	0.6050	0.0000	SURCHARGED
60 minute summer	S08	33	26.973	0.123	34.6	1.5556	0.0000	OK
60 minute summer	SW1	33	26.844	0.094	34.6	0.0000	0.0000	OK
60 minute summer	SP1	33	26.948	0.118	40.2	1.3866	0.0000	OK
60 minute summer	SW2	33	26.806	0.138	76.9	0.0890	0.0000	OK
60 minute summer	SP2	33	26.921	0.101	40.2	1.1917	0.0000	OK
60 minute summer	SW3	34	26.773	0.171	118.6	0.1025	0.0000	OK
60 minute summer	SP3	33	26.921	0.101	40.2	1.1931	0.0000	OK
60 minute summer	SW4	34	26.733	0.197	159.9	0.1109	0.0000	OK
60 minute summer	S09	1	25.870	0.000	0.0	0.0000	0.0000	OK
60 minute summer	S10	64	25.638	0.278	164.6	137.5547	0.0000	OK
60 minute summer	S11	65	25.638	0.397	43.2	1.0112	0.0000	SURCHARGED
60 minute summer	Headwall	1	25.000	0.000	10.7	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	S01	1.000	S02	1.6	0.614	0.090	0.0213	
60 minute summer	S02	1.001	S04	1.6	0.644	0.013	0.2025	
60 minute summer	S03	2.000	S04	13.2	1.116	0.234	0.1322	
60 minute summer	S04	1.002	S05	-1.1	0.316	-0.008	0.0214	
60 minute summer	S05	1.003	S07	-1.2	-0.024	-0.009	4.1882	
60 minute summer	OU	3.000	S06	8.0	0.646	0.064	0.3721	
60 minute summer	S06	3.001	S07	7.7	0.382	0.072	6.0127	
60 minute summer	S07	1.004	S11	12.9	-0.360	0.321	0.3573	
60 minute summer	S08	4.000	SW1	34.6	1.307	0.236	0.4921	
60 minute summer	SW1	4.001	SW2	34.3	0.494	0.009	2.3325	
60 minute summer	SP1	5.000	SW2	40.2	1.423	0.192	0.2077	
60 minute summer	SW2	4.002	SW3	76.5	0.695	0.009	2.9182	
60 minute summer	SP2	6.000	SW3	40.2	1.738	0.142	0.1736	
60 minute summer	SW3	4.003	SW4	118.7	0.807	0.014	3.8849	
60 minute summer	SP3	7.000	SW4	40.2	1.766	0.142	0.1673	
60 minute summer	SW4	4.004	S10	160.8	1.008	0.020	3.6291	
60 minute summer	S09	8.000	S10	0.0	0.000	0.000	5.5346	
60 minute summer	S10	4.005	S11	30.7	0.636	0.112	0.6286	
60 minute summer	S11	Hydro-Brake®	Headwall	10.7				165.2

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Results for 1 year 60 minute winter. 300 minute analysis at 1 minute timestep. Mass balance: 99.67%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
60 minute winter	S01	34	26.565	0.028	1.3	0.0187	0.0000	OK
60 minute winter	S02	33	25.931	0.031	1.3	0.0006	0.0000	OK
60 minute winter	S03	33	26.770	0.070	10.7	0.2184	0.0000	OK
60 minute winter	S04	95	25.632	0.026	12.0	25.5892	0.0000	OK
60 minute winter	S05	63	25.666	0.077	5.2	0.1365	0.0000	OK
60 minute winter	OU	33	25.859	0.059	6.6	0.1259	0.0000	OK
60 minute winter	S06	35	25.680	0.062	6.6	0.1087	0.0000	OK
60 minute winter	S07	62	25.668	0.373	18.0	0.6595	0.0000	SURCHARGED
60 minute winter	S08	33	26.961	0.111	28.0	1.3984	0.0000	OK
60 minute winter	SW1	33	26.835	0.085	28.0	0.0000	0.0000	OK
60 minute winter	SP1	33	26.935	0.105	32.6	1.2389	0.0000	OK
60 minute winter	SW2	33	26.793	0.125	62.5	0.0803	0.0000	OK
60 minute winter	SP2	33	26.910	0.090	32.6	1.0647	0.0000	OK
60 minute winter	SW3	34	26.757	0.155	96.8	0.0930	0.0000	OK
60 minute winter	SP3	33	26.910	0.090	32.6	1.0674	0.0000	OK
60 minute winter	SW4	34	26.715	0.179	130.9	0.1011	0.0000	OK
60 minute winter	S09	1	25.870	0.000	0.0	0.0000	0.0000	OK
60 minute winter	S10	62	25.670	0.310	134.4	153.5006	0.0000	OK
60 minute winter	S11	62	25.669	0.428	41.7	1.0896	0.0000	SURCHARGED
60 minute winter	Headwall	1	25.000	0.000	10.8	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	S01	1.000	S02	1.3	0.579	0.073	0.0184	
60 minute winter	S02	1.001	S04	1.3	0.593	0.010	0.1825	
60 minute winter	S03	2.000	S04	10.7	1.057	0.190	0.1131	
60 minute winter	S04	1.002	S05	-5.2	-0.608	-0.041	0.0405	
60 minute winter	S05	1.003	S07	-5.2	-0.075	-0.041	4.6532	
60 minute winter	OU	3.000	S06	6.6	0.614	0.052	0.3202	
60 minute winter	S06	3.001	S07	6.5	0.410	0.060	6.6044	
60 minute winter	S07	1.004	S11	-12.9	-0.393	-0.321	0.3573	
60 minute winter	S08	4.000	SW1	28.0	1.224	0.191	0.4256	
60 minute winter	SW1	4.001	SW2	27.9	0.472	0.007	1.9848	
60 minute winter	SP1	5.000	SW2	32.6	1.345	0.156	0.1782	
60 minute winter	SW2	4.002	SW3	62.3	0.667	0.008	2.4785	
60 minute winter	SP2	6.000	SW3	32.6	1.670	0.115	0.1435	
60 minute winter	SW3	4.003	SW4	96.8	0.772	0.012	3.3128	
60 minute winter	SP3	7.000	SW4	32.6	1.670	0.115	0.1435	
60 minute winter	SW4	4.004	S10	131.2	0.965	0.016	3.0943	
60 minute winter	S09	8.000	S10	0.0	0.000	0.000	6.1615	
60 minute winter	S10	4.005	S11	29.8	0.630	0.109	0.6601	
60 minute winter	S11	Hydro-Brake®	Headwall	10.8				169.8

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Results for 1 year 120 minute summer. 360 minute analysis at 2 minute timestep. Mass balance: 99.72%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute summer	S01	64	26.563	0.026	1.1	0.0172	0.0000	OK
120 minute summer	S02	64	25.928	0.028	1.1	0.0005	0.0000	OK
120 minute summer	S03	64	26.763	0.063	8.8	0.1964	0.0000	OK
120 minute summer	S04	146	25.636	0.030	9.9	28.6782	0.0000	OK
120 minute summer	S05	104	25.659	0.070	3.2	0.1244	0.0000	OK
120 minute summer	OU	64	25.853	0.053	5.4	0.1141	0.0000	OK
120 minute summer	S06	66	25.674	0.056	5.4	0.0981	0.0000	OK
120 minute summer	S07	104	25.660	0.365	15.5	0.6454	0.0000	SURCHARGED
120 minute summer	S08	64	26.951	0.101	23.1	1.2709	0.0000	OK
120 minute summer	SW1	64	26.827	0.077	23.1	0.0000	0.0000	OK
120 minute summer	SP1	64	26.925	0.095	26.8	1.1172	0.0000	OK
120 minute summer	SW2	64	26.782	0.114	51.5	0.0731	0.0000	OK
120 minute summer	SP2	64	26.901	0.081	26.8	0.9601	0.0000	OK
120 minute summer	SW3	64	26.743	0.141	79.7	0.0847	0.0000	OK
120 minute summer	SP3	64	26.901	0.081	26.8	0.9626	0.0000	OK
120 minute summer	SW4	64	26.700	0.164	108.0	0.0923	0.0000	OK
120 minute summer	S09	2	25.870	0.000	0.0	0.0000	0.0000	OK
120 minute summer	S10	106	25.661	0.301	110.2	149.1495	0.0000	OK
120 minute summer	S11	104	25.661	0.420	35.4	1.0678	0.0000	SURCHARGED
120 minute summer	Headwall	2	25.000	0.000	10.8	0.0000	0.0000	OK

Link Event	US Node	Link	DS Node	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	S01	1.000	S02	1.1	0.552	0.062	0.0163	
120 minute summer	S02	1.001	S04	1.1	0.528	0.009	0.1649	
120 minute summer	S03	2.000	S04	8.8	1.003	0.156	0.0980	
120 minute summer	S04	1.002	S05	-3.2	-0.412	-0.025	0.0369	
120 minute summer	S05	1.003	S07	-3.2	-0.049	-0.026	4.5531	
120 minute summer	OU	3.000	S06	5.4	0.579	0.043	0.2781	
120 minute summer	S06	3.001	S07	5.2	0.326	0.049	6.4594	
120 minute summer	S07	1.004	S11	-12.1	0.347	-0.301	0.3573	
120 minute summer	S08	4.000	SW1	23.1	1.155	0.158	0.3725	
120 minute summer	SW1	4.001	SW2	23.1	0.451	0.006	1.7159	
120 minute summer	SP1	5.000	SW2	26.8	1.275	0.128	0.1545	
120 minute summer	SW2	4.002	SW3	51.3	0.639	0.006	2.1296	
120 minute summer	SP2	6.000	SW3	26.8	1.584	0.095	0.1244	
120 minute summer	SW3	4.003	SW4	79.6	0.739	0.010	2.8446	
120 minute summer	SP3	7.000	SW4	26.8	1.584	0.095	0.1244	
120 minute summer	SW4	4.004	S10	107.5	0.923	0.013	2.6511	
120 minute summer	S09	8.000	S10	0.0	0.000	0.000	5.9996	
120 minute summer	S10	4.005	S11	33.6	0.614	0.123	0.6519	
120 minute summer	S11	Hydro-Brake®	Headwall	10.8				196.8

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