Results for 1 year 120 minute winter. 360 minute analysis at 2 minute timestep. Mass balance: 99.74%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
120 minute winter	S01	62	26.559	0.022	0.8	0.0147	0.0000	OK
120 minute winter	S02	62	25.924	0.024	0.8	0.0004	0.0000	OK
120 minute winter	S03	64	26.755	0.055	6.8	0.1713	0.0000	OK
120 minute winter	S04	146	25.654	0.048	10.4	46.2288	0.0000	OK
120 minute winter	S05	98	25.684	0.095	8.8	0.1671	0.0000	OK
120 minute winter	OU	64	25.847	0.047	4.2	0.1012	0.0000	OK
120 minute winter	S06	98	25.689	0.071	4.2	0.1248	0.0000	OK
120 minute winter	S07	98	25.688	0.393	12.0	0.6950	0.0000	SURCHARGED
120 minute winter	S08	64	26.939	0.089	17.8	1.1178	0.0000	OK
120 minute winter	SW1	64	26.818	0.068	17.8	0.0000	0.0000	OK
120 minute winter	SP1	64	26.913	0.083	20.7	0.9760	0.0000	OK
120 minute winter	SW2	64	26.768	0.100	39.7	0.0647	0.0000	OK
120 minute winter	SP2	64	26.891	0.071	20.7	0.8400	0.0000	OK
120 minute winter	SW3	64	26.726	0.124	61.5	0.0746	0.0000	OK
120 minute winter	SP3	64	26.891	0.071	20.7	0.8421	0.0000	OK
120 minute winter	SW4	64	26.681	0.145	83.4	0.0820	0.0000	OK
120 minute winter	S09	2	25.870	0.000	0.0	0.0000	0.0000	OK
120 minute winter	S10	98	25.692	0.332	90.8	164.7706	0.0000	OK
120 minute winter	S11	98	25.691	0.450	39.7	1.1463	0.0000	SURCHARGED
120 minute winter	Headwall	2	25.000	0.000	10.9	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 winter	S01	1.000	S02	0.8	0.504	0.045	0.0130	
120 minute winter	S02	1.001	S04	0.8	0.469	0.006	0.3000	
120 minute winter	S03	2.000	S04	6.8	0.936	0.121	0.0812	
120 minute winter	S04	1.002	S05	-8.9	-0.747	-0.071	0.0585	
120 minute winter	S05	1.003	S07	-8.8	-0.117	-0.070	4.8580	
120 minute winter	OU	3.000	S06	4.2	0.543	0.033	0.2311	
120 minute winter	S06	3.001	S07	4.2	0.349	0.039	6.9177	
120 minute winter	S07	1.004	S11	11.6	0.291	0.289	0.3573	
120 minute winter	S08	4.000	SW1	17.8	1.069	0.121	0.3101	
120 minute winter	SW1	4.001	SW2	17.8	0.420	0.004	1.4188	
120 minute winter	SP1	5.000	SW2	20.7	1.189	0.099	0.1280	
120 minute winter	SW2	4.002	SW3	39.6	0.602	0.005	1.7461	
120 minute winter	SP2	6.000	SW3	20.7	1.474	0.073	0.1032	
120 minute winter	SW3	4.003	SW4	61.5	0.698	0.007	2.3296	
120 minute winter	SP3	7.000	SW4	20.7	1.474	0.073	0.1032	
120 minute winter	SW4	4.004	S10	83.3	0.873	0.010	2.1726	
120 minute winter	S09	8.000	S10	0.0	0.000	0.000	6.5395	
120 minute winter	S10	4.005	S11	28.2	0.507	0.103	0.6791	
120 minute winter	S11	Hydro-Brake®	Headwall	10.9				202.3

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Results for 1 year 180 minute summer. 420 minute analysis at 4 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
180 minute summer	S01	96	26.559	0.022	0.8	0.0147	0.0000	OK
180 minute summer	S02	96	25.924	0.024	0.8	0.0004	0.0000	OK
180 minute summer	S03	96	26.755	0.055	6.7	0.1700	0.0000	OK
180 minute summer	S04	192	25.643	0.037	7.5	35.7589	0.0000	OK
180 minute summer	S05	136	25.665	0.076	4.2	0.1340	0.0000	OK
180 minute summer	OU	96	25.847	0.047	4.1	0.1000	0.0000	OK
180 minute summer	S06	96	25.667	0.049	4.1	0.0868	0.0000	OK
180 minute summer	S07	136	25.666	0.371	16.3	0.6558	0.0000	SURCHARGED
180 minute summer	S08	96	26.938	0.088	17.5	1.1085	0.0000	OK
180 minute summer	SW1	96	26.817	0.067	17.5	0.0000	0.0000	OK
180 minute summer	SP1	96	26.912	0.082	20.3	0.9661	0.0000	OK
180 minute summer	SW2	96	26.768	0.100	39.0	0.0642	0.0000	OK
180 minute summer	SP2	96	26.891	0.071	20.3	0.8317	0.0000	OK
180 minute summer	SW3	96	26.725	0.123	60.5	0.0740	0.0000	OK
180 minute summer	SP3	96	26.891	0.071	20.3	0.8338	0.0000	OK
180 minute summer	SW4	96	26.680	0.144	82.0	0.0814	0.0000	OK
180 minute summer	S09	4	25.870	0.000	0.0	0.0000	0.0000	OK
180 minute summer	S10	136	25.667	0.307	84.3	152.2345	0.0000	OK
180 minute summer	S11	136	25.667	0.426	34.7	1.0834	0.0000	SURCHARGED
180 minute summer	Headwall	4	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)
180 minute summer	S01	1.000	S02	0.8	0.504	0.045	0.0130	
180 minute summer	S02	1.001	S04	0.8	0.453	0.006	0.2149	
180 minute summer	S03	2.000	S04	6.7	0.932	0.119	0.0803	
180 minute summer	S04	1.002	S05	-4.2	-0.484	-0.033	0.0412	
180 minute summer	S05	1.003	S07	-4.2	-0.061	-0.033	4.6343	
180 minute summer	OU	3.000	S06	4.1	0.540	0.033	0.2270	
180 minute summer	S06	3.001	S07	4.0	0.301	0.038	6.5653	
180 minute summer	S07	1.004	S11	-13.9	-0.370	-0.347	0.3573	
180 minute summer	S08	4.000	SW1	17.5	1.063	0.119	0.3064	
180 minute summer	SW1	4.001	SW2	17.5	0.418	0.004	1.4016	
180 minute summer	SP1	5.000	SW2	20.3	1.182	0.097	0.1263	
180 minute summer	SW2	4.002	SW3	39.0	0.599	0.005	1.7236	
180 minute summer	SP2	6.000	SW3	20.3	1.466	0.072	0.1018	
180 minute summer	SW3	4.003	SW4	60.5	0.695	0.007	2.2997	
180 minute summer	SP3	7.000	SW4	20.3	1.466	0.072	0.1018	
180 minute summer	SW4	4.004	S10	82.0	0.869	0.010	2.1457	
180 minute summer	S09	8.000	S10	0.0	0.000	0.000	6.1155	
180 minute summer	S10	4.005	S11	25.8	0.564	0.094	0.6578	
180 minute summer	S11	Hydro-Brake®	Headwall	10.8				226.0

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Results for 1 year 180 minute winter. 420 minute analysis at 4 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
180 minute winter	S01	88	26.556	0.019	0.6	0.0128	0.0000	OK
180 minute winter	S02	88	25.921	0.021	0.6	0.0004	0.0000	OK
180 minute winter	S03	96	26.747	0.047	5.1	0.1474	0.0000	OK
180 minute winter	S04	192	25.664	0.058	11.7	56.2422	0.0000	OK
180 minute winter	S05	136	25.687	0.098	10.0	0.1735	0.0000	OK
180 minute winter	OU	96	25.842	0.042	3.2	0.0891	0.0000	OK
180 minute winter	S06	136	25.693	0.075	3.2	0.1327	0.0000	OK
180 minute winter	S07	136	25.693	0.398	11.2	0.7032	0.0000	SURCHARGED
180 minute winter	S08	96	26.928	0.078	13.5	0.9767	0.0000	OK
180 minute winter	SW1	96	26.809	0.059	13.5	0.0000	0.0000	OK
180 minute winter	SP1	96	26.902	0.072	15.6	0.8439	0.0000	OK
180 minute winter	SW2	96	26.756	0.088	30.0	0.0566	0.0000	OK
180 minute winter	SP2	96	26.882	0.062	15.6	0.7272	0.0000	OK
180 minute winter	SW3	96	26.710	0.108	46.5	0.0651	0.0000	OK
180 minute winter	SP3	96	26.882	0.062	15.6	0.7290	0.0000	OK
180 minute winter	SW4	96	26.664	0.128	63.0	0.0719	0.0000	OK
180 minute winter	S09	4	25.870	0.000	0.0	0.0000	0.0000	OK
180 minute winter	S10	136	25.698	0.338	66.4	167.6799	0.0000	OK
180 minute winter	S11	136	25.697	0.456	40.9	1.1608	0.0000	SURCHARGED
180 minute winter	Headwall	4	25.000	0.000	10.9	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)
180 minute winter	S01	1.000	S02	0.6	0.463	0.034	0.0106	
180 minute winter	S02	1.001	S04	0.6	0.408	0.005	0.4008	
180 minute winter	S03	2.000	S04	5.1	0.865	0.091	0.0659	
180 minute winter	S04	1.002	S05	-10.1	-0.773	-0.080	0.0628	
180 minute winter	S05	1.003	S07	-10.0	-0.130	-0.080	4.9016	
180 minute winter	OU	3.000	S06	3.2	0.506	0.025	0.1892	
180 minute winter	S06	3.001	S07	3.2	0.307	0.030	6.9902	
180 minute winter	S07	1.004	S11	-9.4	-0.264	-0.235	0.3573	
180 minute winter	S08	4.000	SW1	13.5	0.987	0.092	0.2549	
180 minute winter	SW1	4.001	SW2	13.5	0.390	0.003	1.1578	
180 minute winter	SP1	5.000	SW2	15.6	1.098	0.075	0.1045	
180 minute winter	SW2	4.002	SW3	30.0	0.562	0.004	1.4140	
180 minute winter	SP2	6.000	SW3	15.6	1.362	0.055	0.0842	
180 minute winter	SW3	4.003	SW4	46.5	0.653	0.006	1.8819	
180 minute winter	SP3	7.000	SW4	15.6	1.362	0.055	0.0842	
180 minute winter	SW4	4.004	S10	63.0	0.819	0.008	1.7503	
180 minute winter	S09	8.000	S10	0.0	0.000	0.000	6.6264	
180 minute winter	S10	4.005	S11	32.7	0.477	0.119	0.6834	
180 minute winter	S11	Hydro-Brake®	Headwall	10.9				232.6

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Results for 1 year 240 minute summer. 480 minute analysis at 4 minute timestep. Mass balance: 99.78%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute summer	S01	124	26.558	0.021	0.7	0.0137	0.0000	OK
240 minute summer	S02	124	25.921	0.021	0.7	0.0004	0.0000	OK
240 minute summer	S03	124	26.750	0.050	5.7	0.1557	0.0000	OK
240 minute summer	S04	232	25.646	0.040	6.7	38.6280	0.0000	OK
240 minute summer	S05	172	25.666	0.077	5.3	0.1361	0.0000	OK
240 minute summer	OU	124	25.843	0.043	3.5	0.0924	0.0000	OK
240 minute summer	S06	168	25.668	0.050	3.5	0.0877	0.0000	OK
240 minute summer	S07	168	25.668	0.373	13.6	0.6586	0.0000	SURCHARGED
240 minute summer	S08	124	26.931	0.081	14.9	1.0200	0.0000	OK
240 minute summer	SW1	124	26.812	0.062	14.7	0.0000	0.0000	OK
240 minute summer	SP1	124	26.906	0.076	17.4	0.8886	0.0000	OK
240 minute summer	SW2	124	26.759	0.091	32.9	0.0589	0.0000	OK
240 minute summer	SP2	124	26.885	0.065	17.4	0.7661	0.0000	OK
240 minute summer	SW3	124	26.715	0.113	50.8	0.0677	0.0000	OK
240 minute summer	SP3	124	26.885	0.065	17.4	0.7681	0.0000	OK
240 minute summer	SW4	124	26.668	0.132	68.7	0.0747	0.0000	OK
240 minute summer	S09	4	25.870	0.000	0.0	0.0000	0.0000	OK
240 minute summer	S10	168	25.669	0.309	73.3	153.3097	0.0000	OK
240 minute summer	S11	168	25.669	0.428	38.4	1.0887	0.0000	SURCHARGED
240 minute summer	Headwall	4	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)
240 minute summer	S01	1.000	S02	0.7	0.482	0.039	0.0117	
240 minute summer	S02	1.001	S04	0.7	0.402	0.005	0.2490	
240 minute summer	S03	2.000	S04	5.7	0.890	0.100	0.0710	
240 minute summer	S04	1.002	S05	-5.4	-0.596	-0.043	0.0431	
240 minute summer	S05	1.003	S07	-5.3	-0.077	-0.042	4.6501	
240 minute summer	OU	3.000	S06	3.5	0.517	0.027	0.1999	
240 minute summer	S06	3.001	S07	3.4	0.278	0.032	6.5901	
240 minute summer	S07	1.004	S11	10.9	0.285	0.273	0.3573	
240 minute summer	S08	4.000	SW1	14.7	1.013	0.101	0.2709	
240 minute summer	SW1	4.001	SW2	14.6	0.399	0.004	1.2291	
240 minute summer	SP1	5.000	SW2	17.2	1.129	0.083	0.1123	
240 minute summer	SW2	4.002	SW3	32.6	0.574	0.004	1.5027	
240 minute summer	SP2	6.000	SW3	17.3	1.400	0.061	0.0906	
240 minute summer	SW3	4.003	SW4	50.4	0.666	0.006	2.0001	
240 minute summer	SP3	7.000	SW4	17.3	1.400	0.061	0.0906	
240 minute summer	SW4	4.004	S10	68.0	0.833	0.008	1.8601	
240 minute summer	S09	8.000	S10	0.0	0.000	0.000	6.1546	
240 minute summer	S10	4.005	S11	30.1	0.496	0.110	0.6597	
240 minute summer	S11	Hydro-Brake®	Headwall	10.8				253.7

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Results for 1 year 240 minute winter. 480 minute analysis at 4 minute timestep. Mass balance: 99.79%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
240 minute winter	S01	116	26.555	0.018	0.5	0.0117	0.0000	OK
240 minute winter	S02	116	25.919	0.019	0.5	0.0003	0.0000	OK
240 minute winter	S03	128	26.743	0.043	4.2	0.1335	0.0000	OK
240 minute winter	S04	236	25.668	0.062	11.8	59.8692	0.0000	OK
240 minute winter	S05	172	25.686	0.097	10.1	0.1719	0.0000	OK
240 minute winter	OU	128	25.838	0.038	2.6	0.0806	0.0000	OK
240 minute winter	S06	172	25.692	0.074	2.6	0.1309	0.0000	OK
240 minute winter	S07	172	25.692	0.397	10.1	0.7017	0.0000	SURCHARGED
240 minute winter	S08	124	26.921	0.071	11.1	0.8883	0.0000	OK
240 minute winter	SW1	124	26.803	0.053	11.1	0.0000	0.0000	OK
240 minute winter	SP1	124	26.895	0.065	12.9	0.7662	0.0000	OK
240 minute winter	SW2	124	26.748	0.080	24.8	0.0515	0.0000	OK
240 minute winter	SP2	124	26.876	0.056	12.9	0.6602	0.0000	OK
240 minute winter	SW3	124	26.701	0.099	38.4	0.0594	0.0000	OK
240 minute winter	SP3	124	26.876	0.056	12.9	0.6619	0.0000	OK
240 minute winter	SW4	124	26.653	0.116	52.1	0.0657	0.0000	OK
240 minute winter	S09	4	25.870	0.000	0.0	0.0000	0.0000	OK
240 minute winter	S10	172	25.698	0.338	55.5	167.2802	0.0000	OK
240 minute winter	S11	172	25.696	0.455	28.6	1.1587	0.0000	SURCHARGED
240 minute winter	Headwall	4	25.000	0.000	10.9	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)
240 minute winter	S01	1.000	S02	0.5	0.438	0.028	0.0093	
240 minute winter	S02	1.001	S04	0.5	0.359	0.004	0.4543	
240 minute winter	S03	2.000	S04	4.2	0.819	0.075	0.0573	
240 minute winter	S04	1.002	S05	-10.2	-0.762	-0.081	0.0651	
240 minute winter	S05	1.003	S07	-10.1	-0.131	-0.080	4.8907	
240 minute winter	OU	3.000	S06	2.6	0.474	0.021	0.1638	
240 minute winter	S06	3.001	S07	2.6	0.298	0.024	6.9732	
240 minute winter	S07	1.004	S11	9.2	0.282	0.231	0.3573	
240 minute winter	S08	4.000	SW1	11.1	0.933	0.076	0.2214	
240 minute winter	SW1	4.001	SW2	11.1	0.369	0.003	1.0042	
240 minute winter	SP1	5.000	SW2	12.9	1.040	0.062	0.0911	
240 minute winter	SW2	4.002	SW3	24.7	0.533	0.003	1.2272	
240 minute winter	SP2	6.000	SW3	12.9	1.291	0.045	0.0734	
240 minute winter	SW3	4.003	SW4	38.4	0.622	0.005	1.6311	
240 minute winter	SP3	7.000	SW4	12.9	1.291	0.045	0.0734	
240 minute winter	SW4	4.004	S10	52.0	0.784	0.006	1.5102	
240 minute winter	S09	8.000	S10	0.0	0.000	0.000	6.6144	
240 minute winter	S10	4.005	S11	25.3	0.505	0.092	0.6828	
240 minute winter	S11	Hydro-Brake®	Headwall	10.9				262.8

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Results for 1 year 360 minute summer. 600 minute analysis at 8 minute timestep. Mass balance: 99.83%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute summer	S01	184	26.555	0.018	0.5	0.0117	0.0000	OK
360 minute summer	S02	184	25.918	0.018	0.5	0.0003	0.0000	OK
360 minute summer	S03	184	26.744	0.044	4.4	0.1362	0.0000	OK
360 minute summer	S04	296	25.646	0.040	5.5	39.2593	0.0000	OK
360 minute summer	S05	240	25.666	0.077	4.2	0.1353	0.0000	OK
360 minute summer	OU	184	25.838	0.038	2.7	0.0815	0.0000	OK
360 minute summer	S06	240	25.667	0.049	2.7	0.0867	0.0000	OK
360 minute summer	S07	240	25.667	0.372	15.8	0.6572	0.0000	SURCHARGED
360 minute summer	S08	184	26.922	0.072	11.6	0.9028	0.0000	OK
360 minute summer	SW1	184	26.804	0.054	11.4	0.0000	0.0000	OK
360 minute summer	SP1	184	26.896	0.066	13.5	0.7808	0.0000	OK
360 minute summer	SW2	184	26.749	0.081	25.5	0.0520	0.0000	OK
360 minute summer	SP2	184	26.877	0.057	13.5	0.6731	0.0000	OK
360 minute summer	SW3	184	26.702	0.100	39.4	0.0600	0.0000	OK
360 minute summer	SP3	184	26.877	0.057	13.5	0.6748	0.0000	OK
360 minute summer	SW4	184	26.653	0.117	53.2	0.0662	0.0000	OK
360 minute summer	S09	8	25.870	0.000	0.0	0.0000	0.0000	OK
360 minute summer	S10	240	25.668	0.308	56.6	152.6587	0.0000	OK
360 minute summer	S11	240	25.668	0.427	30.3	1.0855	0.0000	SURCHARGED
360 minute summer	Headwall	8	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)
360 minute summer	S01	1.000	S02	0.5	0.438	0.028	0.0093	
360 minute summer	S02	1.001	S04	0.5	0.344	0.004	0.2544	
360 minute summer	S03	2.000	S04	4.4	0.827	0.077	0.0589	
360 minute summer	S04	1.002	S05	-4.2	-0.447	-0.033	0.0435	
360 minute summer	S05	1.003	S07	-4.2	-0.061	-0.033	4.6450	
360 minute summer	OU	3.000	S06	2.7	0.477	0.021	0.1665	
360 minute summer	S06	3.001	S07	2.6	0.238	0.024	6.5817	
360 minute summer	S07	1.004	S11	-14.0	-0.390	-0.348	0.3573	
360 minute summer	S08	4.000	SW1	11.4	0.943	0.078	0.2262	
360 minute summer	SW1	4.001	SW2	11.3	0.372	0.003	1.0203	
360 minute summer	SP1	5.000	SW2	13.3	1.050	0.064	0.0935	
360 minute summer	SW2	4.002	SW3	25.2	0.537	0.003	1.2447	
360 minute summer	SP2	6.000	SW3	13.4	1.304	0.047	0.0754	
360 minute summer	SW3	4.003	SW4	39.1	0.625	0.005	1.6520	
360 minute summer	SP3	7.000	SW4	13.4	1.304	0.047	0.0754	
360 minute summer	SW4	4.004	S10	52.7	0.785	0.006	1.5270	
360 minute summer	S09	8.000	S10	0.0	0.000	0.000	6.1309	
360 minute summer	S10	4.005	S11	24.6	0.568	0.090	0.6585	
360 minute summer	S11	Hydro-Brake®	Headwall	10.8				307.6

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Results for 1 year 360 minute winter. 600 minute analysis at 8 minute timestep. Mass balance: 99.82%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
360 minute winter	S01	176	26.553	0.016	0.4	0.0105	0.0000	OK
360 minute winter	S02	176	25.916	0.016	0.4	0.0003	0.0000	OK
360 minute winter	S03	184	26.737	0.037	3.2	0.1162	0.0000	OK
360 minute winter	S04	304	25.667	0.061	10.5	58.9404	0.0000	OK
360 minute winter	S05	256	25.683	0.094	8.9	0.1654	0.0000	OK
360 minute winter	OU	184	25.833	0.033	2.0	0.0711	0.0000	OK
360 minute winter	S06	256	25.686	0.068	2.0	0.1209	0.0000	OK
360 minute winter	S07	256	25.686	0.391	14.1	0.6906	0.0000	SURCHARGED
360 minute winter	S08	184	26.912	0.062	8.4	0.7774	0.0000	OK
360 minute winter	SW1	184	26.796	0.046	8.4	0.0000	0.0000	OK
360 minute winter	SP1	184	26.887	0.057	9.8	0.6665	0.0000	OK
360 minute winter	SW2	184	26.738	0.070	18.7	0.0448	0.0000	OK
360 minute winter	SP2	184	26.869	0.049	9.8	0.5757	0.0000	OK
360 minute winter	SW3	184	26.688	0.086	29.1	0.0520	0.0000	OK
360 minute winter	SP3	184	26.869	0.049	9.8	0.5771	0.0000	OK
360 minute winter	SW4	184	26.638	0.102	39.4	0.0575	0.0000	OK
360 minute winter	S09	8	25.870	0.000	0.0	0.0000	0.0000	OK
360 minute winter	S10	248	25.689	0.329	42.9	163.2895	0.0000	OK
360 minute winter	S11	248	25.688	0.447	42.6	1.1388	0.0000	SURCHARGED
360 minute winter	Headwall	8	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)
360 minute winter	S01	1.000	S02	0.4	0.410	0.023	0.0080	
360 minute winter	S02	1.001	S04	0.4	0.322	0.003	0.4445	
360 minute winter	S03	2.000	S04	3.2	0.758	0.057	0.0471	
360 minute winter	S04	1.002	S05	-8.9	-0.699	-0.070	0.0637	
360 minute winter	S05	1.003	S07	-8.9	-0.119	-0.070	4.8465	
360 minute winter	OU	3.000	S06	2.0	0.441	0.016	0.1347	
360 minute winter	S06	3.001	S07	2.0	0.259	0.018	6.8816	
360 minute winter	S07	1.004	S11	-12.9	-0.393	-0.323	0.3573	
360 minute winter	S08	4.000	SW1	8.4	0.863	0.057	0.1811	
360 minute winter	SW1	4.001	SW2	8.4	0.341	0.002	0.8201	
360 minute winter	SP1	5.000	SW2	9.8	0.962	0.047	0.0747	
360 minute winter	SW2	4.002	SW3	18.7	0.495	0.002	1.0003	
360 minute winter	SP2	6.000	SW3	9.8	1.192	0.034	0.0603	
360 minute winter	SW3	4.003	SW4	29.0	0.578	0.004	1.3262	
360 minute winter	SP3	7.000	SW4	9.8	1.192	0.034	0.0603	
360 minute winter	SW4	4.004	S10	39.3	0.734	0.005	1.2195	
360 minute winter	S09	8.000	S10	0.0	0.000	0.000	6.4941	
360 minute winter	S10	4.005	S11	33.3	0.570	0.121	0.6768	
360 minute winter	S11	Hydro-Brake®	Headwall	10.8				321.4

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Results for 1 year 480 minute summer. 720 minute analysis at 8 minute timestep. Mass balance: 99.92%

Node Event	US Node	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status
480 minute summer	S01	240	26.553	0.016	0.4	0.0105	0.0000	OK
480 minute summer	S02	240	25.916	0.016	0.4	0.0003	0.0000	OK
480 minute summer	S03	248	26.739	0.039	3.5	0.1218	0.0000	OK
480 minute summer	S04	360	25.643	0.037	4.3	36.0313	0.0000	OK
480 minute summer	S05	312	25.659	0.070	3.1	0.1239	0.0000	OK
480 minute summer	OU	248	25.835	0.035	2.2	0.0744	0.0000	OK
480 minute summer	S06	312	25.660	0.042	2.2	0.0739	0.0000	OK
480 minute summer	S07	312	25.660	0.365	8.7	0.6449	0.0000	SURCHARGED
480 minute summer	S08	248	26.915	0.065	9.2	0.8131	0.0000	OK
480 minute summer	SW1	248	26.799	0.049	9.2	0.0000	0.0000	OK
480 minute summer	SP1	248	26.889	0.059	10.7	0.6975	0.0000	OK
480 minute summer	SW2	248	26.741	0.073	20.5	0.0469	0.0000	OK
480 minute summer	SP2	248	26.871	0.051	10.7	0.6019	0.0000	OK
480 minute summer	SW3	248	26.692	0.090	31.8	0.0543	0.0000	OK
480 minute summer	SP3	248	26.871	0.051	10.7	0.6034	0.0000	OK
480 minute summer	SW4	248	26.643	0.107	43.1	0.0601	0.0000	OK
480 minute summer	S09	8	25.870	0.000	0.0	0.0000	0.0000	OK
480 minute summer	S10	312	25.661	0.301	45.8	149.0422	0.0000	OK
480 minute summer	S11	312	25.660	0.419	33.6	1.0672	0.0000	SURCHARGED
480 minute summer	Headwall	8	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)
480 minute summer	S01	1.000	S02	0.4	0.410	0.023	0.0080	
480 minute summer	S02	1.001	S04	0.4	0.299	0.003	0.2271	
480 minute summer	S03	2.000	S04	3.5	0.777	0.062	0.0503	
480 minute summer	S04	1.002	S05	-3.2	0.388	-0.025	0.0390	
480 minute summer	S05	1.003	S07	-3.1	0.201	-0.025	4.5491	
480 minute summer	OU	3.000	S06	2.2	0.450	0.017	0.1461	
480 minute summer	S06	3.001	S07	2.2	0.238	0.020	6.4450	
480 minute summer	S07	1.004	S11	10.3	0.316	0.257	0.3573	
480 minute summer	S08	4.000	SW1	9.2	0.885	0.063	0.1938	
480 minute summer	SW1	4.001	SW2	9.2	0.351	0.002	0.8773	
480 minute summer	SP1	5.000	SW2	10.7	0.988	0.051	0.0797	
480 minute summer	SW2	4.002	SW3	20.5	0.507	0.002	1.0696	
480 minute summer	SP2	6.000	SW3	10.7	1.224	0.038	0.0643	
480 minute summer	SW3	4.003	SW4	31.8	0.592	0.004	1.4188	
480 minute summer	SP3	7.000	SW4	10.7	1.224	0.038	0.0643	
480 minute summer	SW4	4.004	S10	43.1	0.750	0.005	1.3079	
480 minute summer	S09	8.000	S10	0.0	0.000	0.000	5.9956	
480 minute summer	S10	4.005	S11	26.6	0.538	0.097	0.6517	
480 minute summer	S11	Hydro-Brake®	Headwall	10.8				353.3

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