

15 minute winter	55	10	8.507	0.081	2.6	0.0256	0.0000OK	5.000	56	2.5	0.378	0.333	0.1131
15 minute winter	56	11	8.479	0.083	5.1	0.2359	0.0000OK	5.001	57	4.6	0.492	0.387	0.2004
								Infiltration		0.2			
15 minute winter	57	12	8.439	0.098	7.0	0.2681	0.0000OK	5.002	58	6.2	0.497	0.778	0.3857
								Infiltration		0.2			
15 minute winter	58	13	8.354	0.109	8.3	0.6829	0.0000OK	5.003	59	6.8	0.585	0.918	0.2802
								Infiltration		0.4			
120 minute winter	59	92	8.341	0.138	3.8	0.7201	0.0000OK	5.004	60	2.3	0.075	0.093	0.2558
								Infiltration		0.3			
120 minute winter	60	92	8.341	0.155	3.2	0.0529	0.0000OK	5.005	61	0.9	0.042	0.001	0.5828
								Infiltration		0.4			
120 minute winter	61	92	8.341	0.205	1.7	0.0896	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.5			
15 minute winter	62	12	8.159	0.023	2.6	0.0078	0.0000OK	5.007	63	2.1	0.144	0.091	1.5309
240 minute winter	63	184	7.979	0.143	1.2	0.0467	0.0000OK	5.008	63_OUT	0.3	0.018	0.000	0.0202
								Infiltration		0.3			
240 minute winter	63_OUT	184	7.979	0.214	0.8	0.0726	0.0000OK	Infiltration		0.3			
240 minute winter	64	218	8.302	0.117	0.3	0.0187	0.0000OK	6.000	65	0.2	0.044	0.000	0.9992
240 minute winter	65	218	8.302	0.177	0.5	0.0283	0.0000OK	6.001	66	0.2	0.053	0.000	1.5108
								Infiltration		0.1			
240 minute winter	66	218	8.302	0.208	0.4	0.0330	0.0000OK	6.002	67	0.2	0.023	0.000	0.9891
								Infiltration		0.1			
240 minute winter	67	218	8.302	0.228	0.3	0.0350	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
15 minute winter	68	11	6.088	0.012	1.2	0.0019	0.0000OK	6.004	69	1.1	0.074	0.000	0.9042
240 minute winter	69	218	5.979	0.211	0.6	0.0338	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
240 minute winter	70	164	5.810	0.055	0.3	0.0087	0.0000OK	6.006	71	0.3	0.042	0.000	0.4975
240 minute winter	71	164	5.810	0.125	0.6	0.0200	0.0000OK	6.007	72	0.2	0.011	0.000	1.9158
								Infiltration		0.1			
240 minute winter	72	164	5.810	0.125	0.5	0.0260	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
240 minute winter	73	218	5.929	0.224	0.3	0.0359	0.0000OK	6.009	74	0.2	0.016	0.000	0.9726
240 minute winter	74	218	5.929	0.224	0.5	0.0359	0.0000OK	6.010	75	0.2	0.043	0.000	1.1013
								Infiltration		0.1			
240 minute winter	75	218	5.929	0.224	0.4	0.0359	0.0000OK	6.011	76	0.3	0.034	0.000	1.2828
								Infiltration		0.1			
240 minute winter	76	218	5.929	0.294	0.4	0.0447	0.0000OK	6.012	76_OUT	0.1	0.007	0.000	1.4182
								Infiltration		0.1			
240 minute winter	76_OUT	218	5.929	0.294	0.3	0.0471	0.0000OK	Infiltration		0.1			

Results for 30 year Critical Storm Duration. Lowest mass balance: 81.48%															
Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	1	11	9.800	0.500	13.1	0.0000	0.0000	FLOOD RISK	1.000	2	-13.1	-0.420	-0.000	0.4853	
15 minute summer	2	11	9.800	0.550	24.0	0.0000	0.0000	FLOOD RISK	1.001	3	-24.0	-0.875	-1.203	1.1264	
15 minute summer	3	11	9.800	0.650	31.5	0.0000	0.0000	FLOOD RISK	1.002	4	-31.5	-1.007	-1.490	0.4988	
15 minute summer	4	11	9.800	0.750	39.4	0.0000	0.0000	FLOOD RISK	1.003	5	-39.4	-1.258	-1.712	0.8441	
15 minute summer	5	10	9.800	0.800	45.3	0.0000	0.0000	FLOOD RISK	1.004	8	-45.3	-1.448	-1.212	0.1821	
15 minute summer	6	10	9.800	0.900	129.9	15.4162	0.0000	FLOOD RISK	1.005	7	55.8	1.195	1.148	0.7795	
15 minute summer	7	10	9.800	1.050	103.5	8.6817	0.0000	FLOOD RISK	1.006	8	98.1	1.281	1.398	2.4823	
15 minute summer	8	10	9.800	1.250	224.7	14.5758	0.0000	FLOOD RISK	1.007	9	192.3	1.307	1.778	5.3230	
15 minute summer	9	11	9.800	1.450	425.8	21.8310	0.0000	FLOOD RISK	1.008	10	379.7	1.941	1.602	3.1360	
15 minute summer	10	12	9.800	1.500	424.1	4.6510	0.0000	FLOOD RISK	1.009	11	381.3	1.892	2.445	47.8613	
15 minute summer	11	13	9.800	1.800	381.3	0.0000	0.0000	FLOOD RISK	1.010	12	255.5	1.511	0.887	53.3278	
15 minute summer	12	12	7.750	1.090	255.5	0.0000	0.0000	FLOOD RISK	1.011	13	311.8	2.655	1.588	0.3211	
60 minute summer	13	37	9.734	0.234	372.8	0.0000	0.0000	OK	1.012	13_OUT	295.7	8.820	0.238	0.4358	
60 minute winter	13_OUT	38	8.114	0.581	320.6	0.0000	0.0000	OK	Flow through pond	48	872.2	0.187	0.000	1023.8654	
15 minute summer	14	11	9.800	0.500	18.2	0.0000	0.0000	FLOOD RISK	2.000	15	-18.2	-0.519	-0.538	0.8138	
15 minute summer	15	10	9.800	0.714	135.2	20.4733	0.0000	FLOOD RISK	2.001	16	57.3	1.220	1.182	0.8254	
15 minute summer	16	10	9.800	0.809	57.3	0.0000	0.0000	FLOOD RISK	2.002	17	51.4	1.258	1.247	0.6320	
15 minute summer	17	10	9.800	0.941	92.4	8.3718	0.0000	FLOOD RISK	2.003	18	83.8	1.121	1.072	1.8750	
15 minute summer	18	10	9.800	1.119	198.3	17.6262	0.0000	FLOOD RISK	2.004	19	175.2	1.400	1.392	5.4890	
15 minute summer	19	10	9.800	1.344	377.8	29.6575	0.0000	FLOOD RISK	2.005	20	394.1	1.891	1.848	4.0828	
15 minute summer	20	10	9.800	1.388	384.1	0.0000	0.0000	FLOOD RISK	2.006	21	381.2	2.307	1.825	3.4979	
15 minute summer	21	10	9.800	1.428	381.2	0.0000	0.0000	FLOOD RISK	2.007	22	284.9	2.129	0.478	3.7404	
15 minute summer	22	10	9.800	1.600	415.5	13.7470	0.0000	FLOOD RISK	2.008	23	306.1	1.555	1.083	53.3017	
15 minute summer	23	9	7.750	1.000	305.1	0.0000	0.0000	FLOOD RISK	2.009	24	422.7	2.572	2.153	0.3543	
15 minute winter	24	13	9.757	0.257	498.7	0.0000	0.0000	OK	2.010	24_OUT	399.3	7.084	0.323	0.4831	
60 minute winter	24_OUT	20	5.282	0.749	424.3	0.0000	0.0000	OK	Flow through pond	49	826.1	0.129	0.000	738.9586	
15 minute winter	25	10	8.834	0.088	11.8	0.0580	0.0000	OK	3.000	26	11.8	0.835	0.847	0.4958	
15 minute winter	26	12	8.611	0.176	23.4	1.4708	0.0000	SLURCH CHARGED	3.001	27	16.6	0.988	1.047	0.7028	
									Infiltration		1.7				
15 minute winter	27	14	8.297	0.182	28.4	1.9846	0.0000	SLURCH CHARGED	3.002	28	20.4	1.199	1.011	0.5744	
									Infiltration		2.2				
15 minute winter	28	13	7.813	0.218	32.2	1.8368	0.0000	SLURCH CHARGED	3.003	29	22.8	1.354	0.958	0.6315	
									Infiltration		1.8				
15 minute winter	29	12	7.289	0.224	33.9	1.4598	0.0000	SLURCH CHARGED	3.004	30	28.4	1.626	1.020	0.1183	
									Infiltration		1.5				
60 minute winter	30	49	7.086	0.251	27.0	0.0314	0.0000	OK	3.005	31	24.5	0.249	0.018	5.3605	
60 minute winter	31	49	7.086	0.391	25.7	0.0470	0.0000	OK	3.006	32	19.0	0.178	0.011	5.3240	
									Infiltration		2.1				
60 minute winter	32	49	7.087	0.442	29.2	0.0530	0.0000	OK	3.007	33	14.3	0.139	0.010	4.8551	

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Results for 100 year +30% Critical Storm Duration. Lowest mass balance: 81.68%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	1	10	9.800	0.500	14.3	0.0000	0.0000	FLOOD RISK	1.000	2	-14.3	-0.458	-0.054	0.4853	
15 minute summer	2	10	9.800	0.550	32.7	0.0000	0.0000	FLOOD RISK	1.001	3	-32.7	-1.059	-1.643	1.1264	
15 minute summer	3	10	9.800	0.650	42.9	0.0000	0.0000	FLOOD RISK	1.002	4	-42.9	-1.371	-2.028	0.4988	
15 minute summer	4	9	9.800	0.750	57.4	0.0000	0.0000	FLOOD RISK	1.003	5	-57.4	-1.835	-2.495	0.8441	
15 minute summer	5	9	9.800	0.800	71.5	0.0000	0.0000	FLOOD RISK	1.004	8	-71.5	-2.250	-1.913	0.1821	
15 minute summer	6	9	9.800	0.900	211.7	40.2401	0.0000	FLOOD RISK	1.005	7	92.8	1.898	1.915	0.7795	
15 minute summer	7	9	9.800	1.050	148.7	20.2740	0.0000	FLOOD RISK	1.006	8	124.1	1.594	1.758	2.4823	
15 minute summer	8	9	9.800	1.250	334.4	54.5519	0.0000	FLOOD RISK	1.007	9	243.5	1.945	2.251	5.3230	
15 minute summer	9	9	9.800	1.450	845.7	48.7936	0.0000	FLOOD RISK	1.008	10	528.8	2.700	2.230	3.1360	
15 minute summer	10	10	9.800	1.500	804.5	8.8333	0.0000	FLOOD RISK	1.009	11	389.3	2.084	2.835	47.8613	
15 minute summer	11	11	9.800	1.800	389.3	0.0000	0.0000	FLOOD RISK	1.010	12	350.8	1.793	1.218	53.3278	
15 minute summer	12	11	7.750	1.090	350.8	0.0000	0.0000	FLOOD RISK	1.011	13	567.4	3.642	2.890	0.3744	
30 minute summer	13	21	9.778	0.278	588.9	0.0000	0.0000	OK	1.012	13_OUT	483.7	7.428	0.391	0.5583	
30 minute winter	13_OUT	21	8.517	0.984	485.5	0.0000	0.0000	OK	Flow through pond	48	808.0	0.095	0.000	1414.9508	
15 minute summer	14	9	9.800	0.500	23.9	0.0000	0.0000	FLOOD RISK	2.000	15	-23.9	-0.782	-0.791	0.8136	
15 minute summer	15	9	9.800	0.714	210.5	42.3231	0.0000	FLOOD RISK	2.001	16	89.8	1.832	1.848	0.8254	
15 minute summer	16	9	9.800	0.809	89.0	0.0000	0.0000	FLOOD RISK	2.002	17	98.3	2.010	1.995	0.6320	
15 minute summer	17	9	9.800	0.941	158.4	16.5832	0.0000	FLOOD RISK	2.003	18	132.5	1.702	1.698	1.8750	
15 minute summer	18	9	9.800	1.119	241.2	33.8733	0.0000	FLOOD RISK	2.004	19	213.8	1.708	1.699	5.4890	
15 minute summer	19	9	9.800	1.344	459.0	48.1818	0.0000	FLOOD RISK	2.005	20	368.0	1.881	1.808	4.0828	
15 minute summer	20	9	9.800	1.388	368.0	0.0000	0.0000	FLOOD RISK	2.006	21	374.4	2.188	1.892	3.4979	
15 minute summer	21	9	9.800	1.428	374.4	0.0000	0.0000	FLOOD RISK	2.007	22	380.7	2.135	0.838	3.7404	
15 minute summer	22	9	9.800	1.600	503.2	23.2534	0.0000	FLOOD RISK	2.008	23	489.0	2.500	1.808	53.3017	
15 minute summer	23	8	7.750	1.000	489.0	0.0000	0.0000	FLOOD RISK	2.009	24	489.2	3.047	2.491	0.3407	
30 minute winter	24	31	9.779	0.279	605.7	0.0000	0.0000	OK	2.010	24_OUT	483.1	6.875	0.374	0.5384	
30 minute winter	24_OUT	22	8.803	1.289	527.0	0.0000	0.0000	OK	Flow through pond	49	808.8	0.095	0.000	1414.9506	
15 minute winter	25	11	9.118	0.320	19.2	0.2050	0.0000	UNDERCHARGED	3.000	26	17.8	1.000	0.982	0.6227	
15 minute winter	26	14	8.788	0.333	35.7	5.3448	0.0000	UNDERCHARGED	3.001	27	16.0	0.982	1.047	0.7028	
									Infiltration		3.4				
15 minute winter	27	15	8.399	0.284	34.9	4.8994	0.0000	UNDERCHARGED	3.002	28	20.3	1.193	1.009	0.5744	
									Infiltration		3.6				
15 minute winter	28	14	8.023	0.328	37.0	4.1502	0.0000	UNDERCHARGED	3.003	29	23.2	1.329	0.983	0.6315	
									Infiltration		2.8				
15 minute winter	29	13	7.372	0.307	40.8	2.7227	0.0000	UNDERCHARGED	3.004	30	32.8	1.853	1.180	0.1195	
									Infiltration		2.1				
30 minute winter	30	55	7.243	0.418	30.7	0.0501	0.0000	OK	3.005	31	27.5	0.280	0.011	9.3634	
30 minute winter	31	55	7.243	0.548	29.5	0.0857	0.0000	OK	3.006	32	21.1	0.207	0.012	8.5860	
									Infiltration		2.8				
30 minute winter	32	55	7.243	0.588	23.1	0.0717	0.0000	OK	3.007	33	14.1	0.130	0.008	7.7237	

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									Infiltration		0.4			
60 minute winter	57	23	8.810	0.600	17.6	2.8853	0.0000	OVERCHARGED	5.002	58	12.3	0.700	1.538	0.5462
									Infiltration		0.4			
60 minute winter	58	44	8.688	0.423	14.9	3.8148	0.0000	OVERCHARGED	5.003	59	11.8	0.659	1.563	0.3908
									Infiltration		0.6			
120 minute winter	59	116	8.657	0.452	10.8	2.8150	0.0000	OK	5.004	60	8.8	0.101	0.009	15.4188
									Infiltration		0.5			
120 minute winter	60	116	8.657	0.472	9.7	0.1608	0.0000	OK	5.005	61	2.1	0.094	0.002	22.5457
									Infiltration		0.7			
120 minute winter	61	116	8.658	0.522	5.1	0.1773	0.0000	OK	5.006	62	0.0	0.000	0.000	0.0000
									Infiltration		1.0			
180 minute winter	62	152	8.229	0.093	2.9	0.6315	0.0000	OK	5.007	63	2.4	0.073	0.001	13.1864
180 minute winter	63	148	8.228	0.392	5.4	0.1334	0.0000	OK	5.008	63_OUT	-0.9	0.000	-0.001	9.8368
									Infiltration		0.0			
180 minute winter	63_OUT	148	8.228	0.483	2.4	0.1575	0.0000	OK	Infiltration		0.6			
240 minute winter	64	224	5.810	0.426	0.9	0.0580	0.0000	OK	8.000	65	0.4	0.053	0.000	4.5468
240 minute winter	65	224	5.810	0.485	1.3	0.0776	0.0000	OK	8.001	66	0.3	0.050	0.000	6.0438
									Infiltration		0.2			
240 minute winter	66	224	5.810	0.517	1.3	0.0817	0.0000	OK	8.002	67	-0.4	0.023	0.000	3.4223
									Infiltration		0.3			
240 minute winter	67	224	5.810	0.534	0.9	0.0828	0.0000	OK	8.003	68	0.0	0.000	0.000	0.0000
									Infiltration		0.1			
120 minute winter	68	118	5.210	0.134	2.3	0.0208	0.0000	OK	8.004	69	1.5	0.047	0.000	7.1304
120 minute winter	69	118	5.209	0.444	3.1	0.0711	0.0000	OK	8.005	70	0.0	0.000	0.000	0.0000
									Infiltration		0.4			
120 minute winter	70	118	5.043	0.288	1.6	0.0481	0.0000	OK	8.006	71	1.0	0.032	0.000	2.4571
120 minute winter	71	118	5.043	0.358	2.6	0.0573	0.0000	OK	8.007	72	0.4	0.015	0.000	7.5592
									Infiltration		0.1			
120 minute winter	72	118	5.043	0.358	1.9	0.0573	0.0000	OK	8.008	73	0.0	0.000	0.000	0.0105
									Infiltration		0.4			
240 minute winter	73	216	5.362	0.657	11.3	0.1052	0.0000	OK	8.009	74	12.4	0.022	0.000	4.5499
240 minute winter	74	348	5.362	0.857	12.4	0.1052	0.0000	OK	8.010	75	12.8	0.051	0.000	5.1545
									Infiltration		0.2			
240 minute winter	75	348	5.362	0.657	12.8	0.1052	0.0000	OK	8.011	76	9.7	0.034	0.000	5.3492
									Infiltration		0.2			
240 minute winter	76	348	5.362	0.727	9.7	0.1105	0.0000	OK	8.012	76_OUT	5.3	0.007	0.004	5.4097
									Infiltration		0.2			
240 minute winter	76_OUT	348	5.362	0.727	5.3	0.1183	0.0000	OK	Infiltration		0.2			

Results for 1000 year Critical Storm Duration. Lowest mass balance: 81.65%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	1	10	9.800	0.500	27.9	0.0000	0.0000	FLOOD RISK	1.000	2	-27.9	-0.925	-1.275	0.4853	
15 minute summer	2	10	9.800	0.550	33.5	0.0000	0.0000	FLOOD RISK	1.001	3	-33.5	-1.070	-1.684	1.1264	
15 minute summer	3	9	9.800	0.650	48.6	0.0000	0.0000	FLOOD RISK	1.002	4	-48.6	-1.554	-2.293	0.4988	
15 minute summer	4	9	9.800	0.750	65.9	0.0000	0.0000	FLOOD RISK	1.003	5	-65.9	-2.106	-2.862	0.8441	
15 minute summer	5	8	9.800	0.800	85.5	0.0000	0.0000	FLOOD RISK	1.004	6	-85.5	-2.733	-2.287	0.1821	
15 minute summer	6	8	9.800	0.900	249.3	49.9395	0.0000	FLOOD RISK	1.005	7	106.4	2.175	2.195	0.7795	
15 minute summer	7	8	9.800	1.050	182.3	25.6709	0.0000	FLOOD RISK	1.006	8	141.5	1.818	2.016	2.4823	
15 minute summer	8	8	9.800	1.250	373.5	42.5027	0.0000	FLOOD RISK	1.007	9	262.8	2.668	2.428	5.9230	
15 minute summer	9	9	9.800	1.450	722.1	59.5822	0.0000	FLOOD RISK	1.008	10	574.4	2.937	2.423	3.1360	
15 minute summer	10	9	9.800	1.500	861.0	10.7423	0.0000	FLOOD RISK	1.009	11	429.3	2.238	2.905	47.8613	
15 minute summer	11	11	9.800	1.800	429.3	0.0000	0.0000	FLOOD RISK	1.010	12	401.1	2.051	1.393	53.3278	
15 minute summer	12	11	7.750	1.090	401.1	0.0000	0.0000	FLOOD RISK	1.011	13	356.0	3.690	2.831	0.3796	
60 minute summer	13	32	9.782	0.282	583.8	0.0000	0.0000	OK	1.012	13_OUT	472.4	8.874	0.382	0.5805	
30 minute winter	13_OUT	23	8.647	1.113	484.9	0.0000	0.0000	OK	Flow through pond	48	1006.2	0.094	0.000	1705.2510	
15 minute summer	14	8	9.800	0.500	28.7	0.0000	0.0000	FLOOD RISK	2.000	15	-28.7	-0.853	-0.885	0.8136	
15 minute summer	15	9	9.800	0.714	245.8	51.0395	0.0000	FLOOD RISK	2.001	16	99.8	2.040	2.058	0.9254	
15 minute summer	16	9	9.800	0.809	99.8	0.0000	0.0000	FLOOD RISK	2.002	17	109.6	2.241	2.224	0.6320	
15 minute summer	17	9	9.800	0.941	188.4	19.8288	0.0000	FLOOD RISK	2.003	18	147.0	1.888	1.881	1.8750	
15 minute summer	18	9	9.800	1.119	247.6	40.4554	0.0000	FLOOD RISK	2.004	19	237.1	1.894	1.883	5.4890	
15 minute summer	19	9	9.800	1.344	434.3	56.8922	0.0000	FLOOD RISK	2.005	20	408.7	2.090	2.073	4.0828	
15 minute summer	20	8	9.800	1.388	408.7	0.0000	0.0000	FLOOD RISK	2.006	21	415.8	2.298	2.102	3.4979	
15 minute summer	21	8	9.800	1.428	415.8	0.0000	0.0000	FLOOD RISK	2.007	22	422.9	2.182	0.716	3.7404	
15 minute summer	22	8	9.800	1.600	563.8	27.0735	0.0000	FLOOD RISK	2.008	23	544.1	2.752	1.889	53.3017	
15 minute summer	23	8	7.750	1.000	544.1	0.0000	0.0000	FLOOD RISK	2.009	24	544.1	3.332	2.771	0.3638	
120 minute winter	24	74	9.781	0.281	598.5	0.0000	0.0000	OK	2.010	24_OUT	485.3	7.552	0.378	0.5503	
30 minute winter	24_OUT	22	9.084	1.551	595.0	0.0000	0.0000	OK	Flow through pond	49	1606.2	0.094	0.000	1705.2510	
15 minute winter	25	11	9.275	0.479	21.9	0.3063	0.0000	UNRECHARGED	3.000	26	20.1	1.144	1.123	0.6227	
15 minute winter	26	14	8.814	0.379	41.3	6.9198	0.0000	UNRECHARGED	3.001	27	16.5	0.988	1.037	0.7028	
									Infiltration		3.8				
30 minute winter	27	24	8.440	0.325	33.5	6.4156	0.0000	UNRECHARGED	3.002	28	20.3	1.197	1.006	0.5744	
									Infiltration		4.1				
30 minute winter	28	23	8.085	0.370	35.4	5.2678	0.0000	UNRECHARGED	3.003	29	23.2	1.355	0.984	0.6315	
									Infiltration		3.1				
60 minute winter	29	44	7.412	0.347	34.3	3.4837	0.0000	UNRECHARGED	3.004	30	28.5	1.674	1.059	0.1195	
									Infiltration		2.4				
120 minute winter	30	88	7.279	0.454	28.4	0.0545	0.0000	OK	3.005	31	23.8	0.235	0.018	10.4412	
120 minute winter	31	88	7.279	0.584	25.3	0.0761	0.0000	OK	3.006	32	18.4	0.168	0.018	9.4235	
									Infiltration		3.0				
120 minute winter	32	88	7.279	0.634	19.8	0.0761	0.0000	OK	3.007	33	12.8	0.078	0.008	8.5387	

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								Infiltration			9.4			
30 minute winter	57	23	8.930	0.620	20.0	3.6837	0.0000SURCHARGED	5.002	58		13.7	0.781	1.718	0.5462
								Infiltration			0.5			
30 minute winter	58	44	8.754	0.509	17.3	4.4474	0.0000SURCHARGED	5.003	59		13.6	0.785	1.816	0.3908
								Infiltration			0.7			
120 minute winter	59	114	8.728	0.523	13.3	3.4058	0.0000OK	5.004	60		8.8	0.108	0.011	19.0534
								Infiltration			0.5			
120 minute winter	60	114	8.728	0.543	11.9	0.1845	0.0000OK	5.005	61		2.4	0.088	0.003	27.5350
								Infiltration			0.8			
120 minute winter	61	114	8.728	0.592	6.2	0.2012	0.0000OK	5.006	62		1.1	0.488	0.074	0.0045
								Infiltration			1.1			
180 minute winter	62	172	8.293	0.157	3.7	0.6534	0.0000OK	5.007	63		2.8	0.079	0.001	17.6251
180 minute winter	63	176	8.293	0.457	8.2	0.1555	0.0000OK	5.008	63_OUT		-1.8	0.032	-0.001	12.1061
								Infiltration			1.0			
180 minute winter	63_OUT	176	8.293	0.528	2.9	0.1798	0.0000OK	Infiltration			0.5			
240 minute winter	64	228	8.678	0.483	1.1	0.0789	0.0000OK	5.009	65		0.4	0.053	0.000	5.5980
240 minute winter	65	228	8.678	0.553	1.7	0.0885	0.0000OK	5.011	66		0.3	0.050	0.000	7.3335
								Infiltration			0.2			
240 minute winter	66	228	8.678	0.585	1.6	0.0925	0.0000OK	5.002	67		-0.6	0.023	0.000	4.1234
								Infiltration			0.3			
240 minute winter	67	228	8.678	0.802	1.1	0.0934	0.0000OK	5.003	68		0.0	0.000	0.000	0.0000
								Infiltration			0.2			
180 minute winter	68	156	5.259	0.183	1.9	0.0284	0.0000OK	5.004	69		1.3	0.048	0.000	8.6958
180 minute winter	69	156	5.258	0.493	2.7	0.0789	0.0000OK	5.005	70		0.0	0.000	0.000	0.0000
								Infiltration			0.5			
240 minute winter	70	236	5.188	0.413	2.9	0.0681	0.0000OK	5.006	71		-2.2	0.042	-0.001	3.9179
240 minute winter	71	236	5.188	0.483	11.1	0.0773	0.0000OK	5.007	72		-10.4	0.135	-0.007	11.6808
								Infiltration			0.2			
240 minute winter	72	232	8.189	0.484	8.5	0.0774	0.0000OK	5.008	73		11.1	0.795	0.774	0.0311
								Infiltration			0.6			
240 minute summer	73	172	5.367	0.652	11.1	0.1059	0.0000OK	5.009	74		11.1	0.017	0.007	4.6009
720 minute winter	74	645	8.987	0.882	9.1	0.1059	0.0000OK	5.010	75		-8.7	0.043	-0.006	5.2095
								Infiltration			0.2			
240 minute summer	75	172	5.367	0.652	10.8	0.1059	0.0000OK	5.011	76		9.1	0.037	0.003	5.4077
								Infiltration			0.2			
240 minute winter	76	156	8.388	0.733	9.0	0.1114	0.0000OK	5.012	76_OUT		-8.0	-0.007	-0.003	5.4748
								Infiltration			0.2			
720 minute winter	76_OUT	450	5.367	0.732	2.0	0.1172	0.0000OK	Infiltration			0.2			

Results for 2 year 15 minute summer, 255 minute analysis at 1 minute timestep, Mass balance: 81.45%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute summer	1	1	9.300	0.000	0.0	0.0000	0.0000	OK	1.000	2	0.0	0.000	0.000	0.0000	
15 minute summer	2	1	9.250	0.000	0.0	0.0000	0.0000	OK	1.001	3	0.0	0.000	0.000	0.0000	
15 minute summer	3	1	9.150	0.000	0.0	0.0000	0.0000	OK	1.002	4	0.0	0.000	0.000	0.0000	
15 minute summer	4	12	9.100	0.000	0.4	0.0000	0.0000	OK	1.003	5	-0.4	0.079	-0.017	0.2311	
15 minute summer	5	11	9.107	0.107	2.5	0.0000	0.0000	OK	1.004	6	2.6	-0.277	0.070	0.1121	
15 minute summer	6	11	9.107	0.207	53.0	1.7042	0.0000	OK	1.005	7	50.2	1.195	1.035	0.6877	
15 minute summer	7	12	9.034	0.284	79.7	1.1570	0.0000	OK	1.006	8	78.5	1.140	1.118	2.4284	
15 minute summer	8	12	8.983	0.433	137.4	2.9750	0.0000	SURCHARGED	1.007	9	131.2	1.204	1.210	5.9230	
15 minute summer	9	12	8.870	0.520	227.8	5.0580	0.0000	SURCHARGED	1.008	10	208.9	1.311	0.873	3.1380	
15 minute summer	10	12	8.841	0.541	225.0	0.9588	0.0000	SURCHARGED	1.009	11	194.5	1.288	1.310	37.0555	
15 minute summer	11	25	8.451	0.451	194.5	0.0000	0.0000	OK	1.010	12	172.8	1.432	0.800	52.3692	
15 minute summer	12	18	7.750	1.000	172.8	0.0000	0.0000	FLOOD RISK	1.011	13	0.0	0.000	0.000	0.2415	
15 minute summer	13	1	9.500	0.000	0.0	0.0000	0.0000	OK	1.012	13_OUT	0.0	0.000	0.000	0.0000	
15 minute summer	13_OUT	1	7.533	0.000	0.0	0.0000	0.0000	OK	Flow through pond	49	0.0	0.000	0.000	71.0338	
15 minute summer	14	1	9.300	0.000	0.0	0.0000	0.0000	OK	2.000	15	0.0	0.000	0.000	0.2478	
15 minute summer	15	11	9.250	0.157	40.4	1.3258	0.0000	OK	2.001	16	39.3	1.128	0.811	0.6538	
15 minute summer	16	11	9.158	0.185	39.3	0.0000	0.0000	OK	2.002	17	39.6	1.165	0.803	0.4387	
15 minute summer	17	11	9.057	0.198	59.4	0.8146	0.0000	OK	2.003	18	59.8	1.198	0.765	1.2508	
15 minute summer	18	11	8.952	0.271	107.7	1.7052	0.0000	OK	2.004	19	108.4	1.286	0.861	3.7584	
15 minute summer	19	25	8.857	0.431	190.9	3.8833	0.0000	OK	2.005	20	190.5	1.359	0.986	3.8145	
15 minute summer	20	21	8.859	0.470	190.5	0.0000	0.0000	OK	2.006	21	212.4	2.682	1.073	3.4835	
15 minute summer	21	20	8.898	0.524	212.4	0.0000	0.0000	SURCHARGED	2.007	22	188.9	1.868	0.317	3.7404	
15 minute summer	22	42	8.887	0.887	242.1	3.8537	0.0000	SURCHARGED	2.008	23	221.1	1.418	0.768	53.3017	
15 minute summer	23	12	7.750	1.000	221.1	0.0000	0.0000	FLOOD RISK	3.009	24	0.0	0.000	0.000	0.2417	
15 minute summer	24	1	9.500	0.000	0.0	0.0000	0.0000	OK	3.010	24_OUT	0.0	0.000	0.000	0.0000	
15 minute summer	24_OUT	1	7.533	0.000	0.0	0.0000	0.0000	OK	Flow through pond	49	0.0	0.000	0.000	71.0338	
15 minute summer	25	10	8.847	0.651	4.8	0.0328	0.0000	OK	3.000	26	4.5	0.673	0.252	0.2518	
15 minute summer	26	11	8.511	0.078	9.1	0.2991	0.0000	OK	3.001	27	8.0	0.870	0.501	0.3651	
									Infiltration		0.7				
15 minute summer	27	12	8.195	0.080	12.4	0.3987	0.0000	OK	3.002	28	10.9	1.114	0.539	0.3184	
									Infiltration		0.9				
15 minute summer	28	12	7.778	0.060	14.8	0.2897	0.0000	OK	3.003	29	14.0	1.274	0.594	0.3947	
									Infiltration		0.5				
15 minute summer	29	12	7.182	0.097	17.8	0.2941	0.0000	OK	3.004	30	17.1	1.535	0.615	0.0758	
									Infiltration		0.8				
15 minute summer	30	12	6.899	0.074	17.8	0.0089	0.0000	OK	3.005	31	17.7	0.343	0.067	1.3896	
15 minute summer	31	15	6.854	0.159	18.4	0.0191	0.0000	OK	3.006	32	13.5	0.210	0.008	1.7587	
									Infiltration		1.2				

15 minute summer	32	15	6.853	0.298	13.9	0.0250	0.0000OK	3.007	33	19.2	0.114	0.007	1.3244
								Infiltration		1.0			
								Infiltration		1.1			
15 minute summer	33	15	6.849	0.074	10.5	0.0089	0.0000OK	3.008	34	10.1	0.285	0.007	0.4791
15 minute summer	34	20	6.821	0.076	10.3	0.0091	0.0000OK	3.009	35	9.9	0.358	0.004	0.6893
								Infiltration		0.7			
15 minute summer	35	20	6.823	0.148	10.1	0.0178	0.0000OK	3.010	36	7.2	0.084	0.002	2.2563
								Infiltration		0.5			
15 minute summer	36	20	6.821	0.318	7.3	0.0380	0.0000OK	3.011	37	0.0	0.000	0.000	0.0000
								Infiltration		1.1			
15 minute summer	37	11	6.515	0.010	0.9	0.0012	0.0000OK	3.012	38	0.0	0.002	0.000	1.0798
15 minute summer	38	18	6.414	0.149	5.4	0.0179	0.0000OK	3.013	39	-3.9	-0.145	-0.003	0.7279
								Infiltration		0.8			
								Infiltration		0.8			
15 minute summer	39	12	6.478	0.024	4.0	0.0029	0.0000OK	3.014	40	-3.3	-0.285	-0.002	0.1807
								Infiltration		0.1			
15 minute summer	40	12	6.715	0.020	3.4	0.0024	0.0000OK	3.015	41	-2.6	-0.255	-0.002	0.1352
								Infiltration		0.0			
15 minute summer	41	12	6.884	0.019	2.7	0.0023	0.0000OK	3.016	42	-1.9	-0.218	-0.001	0.1140
								Infiltration		0.0			
15 minute summer	42	12	7.100	0.015	2.0	0.0018	0.0000OK	3.017	43	-1.2	-0.143	-0.001	0.1117
								Infiltration		0.0			
15 minute summer	43	11	7.183	0.018	1.4	0.0022	0.0000OK	3.018	44	-0.5	-0.075	0.000	0.0808
								Infiltration		0.0			
15 minute summer	44	11	7.234	0.009	0.9	0.0011	0.0000OK	3.019	45	0.3	0.054	0.000	0.0728
15 minute summer	45	11	7.210	0.010	1.2	0.0018	0.0000OK	3.020	46	1.1	0.135	0.000	0.1025
								Infiltration		0.0			
15 minute summer	46	11	7.141	0.018	1.8	0.0019	0.0000OK	3.021	47	1.8	0.197	0.001	0.1287
								Infiltration		0.0			
15 minute summer	47	12	6.984	0.018	2.8	0.0023	0.0000OK	3.022	48	2.5	0.150	0.001	0.2472
								Infiltration		0.0			
15 minute summer	48	13	6.841	0.046	3.2	0.0055	0.0000OK	3.023	53	2.9	0.155	0.004	0.2542
								Infiltration		0.0			
15 minute summer	49	21	7.518	-0.484	151.4	0.0000	0.0000OK	Orifice	50	0.0			
								Infiltration		0.0			
15 minute summer	50	1	7.450	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
15 minute summer	51	1	7.300	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
15 minute summer	52	1	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
15 minute summer	53	13	6.808	0.023	3.5	0.0028	0.0000OK	3.024	54	3.3	0.248	0.001	0.4149
								Infiltration		0.1			
15 minute summer	54	23	6.718	0.093	3.9	0.0112	0.0000OK	3.025	54_OUT	3.5	0.077	0.001	1.5518
								Infiltration		0.1			
15 minute summer	54_OUT	25	6.719	0.214	4.2	0.0257	0.0000OK	Infiltration		0.2			

15 minute summer	55	10	8.504	0.058	2.4	0.0199	0.0000OK	5.000	56	2.4	0.379	0.318	0.1078
15 minute summer	56	11	8.478	0.080	4.8	0.2245	0.0000OK	5.001	57	4.3	0.487	0.342	0.1918
								Infiltration		0.2			
15 minute summer	57	12	8.454	0.094	6.8	0.2649	0.0000OK	5.002	58	5.8	0.492	0.726	0.3714
								Infiltration		0.2			
15 minute summer	58	13	8.347	0.102	7.7	0.3095	0.0000OK	5.003	59	8.2	0.574	0.838	0.2387
								Infiltration		0.4			
15 minute summer	59	14	8.282	0.077	7.5	0.3852	0.0000OK	5.004	60	6.2	0.151	0.069	1.5399
								Infiltration		0.3			
15 minute summer	60	22	8.278	0.090	7.0	0.6318	0.0000OK	5.005	61	3.0	0.685	0.003	3.3403
								Infiltration		0.3			
15 minute summer	61	22	8.279	0.143	4.8	0.0455	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.4			
15 minute summer	62	12	8.158	0.022	2.4	0.0074	0.0000OK	5.007	63	1.9	0.141	0.001	1.3329
15 minute summer	63	20	7.900	0.064	4.8	0.0219	0.0000OK	5.008	63_OUT	1.0	0.654	0.001	1.4988
								Infiltration		0.1			
15 minute summer	63_OUT	21	7.800	0.135	4.0	0.0450	0.0000OK	Infiltration		0.2			
15 minute summer	64	17	8.208	0.023	1.1	0.0036	0.0000OK	6.000	65	1.1	0.105	0.000	0.3588
15 minute summer	65	18	8.207	0.082	2.4	0.0131	0.0000OK	6.001	66	1.3	0.073	0.001	0.7975
								Infiltration		0.1			
15 minute summer	66	19	8.207	0.114	2.5	0.0180	0.0000OK	6.002	67	-0.4	0.629	0.000	0.4852
								Infiltration		0.1			
15 minute summer	67	19	8.207	0.131	1.1	0.0250	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
15 minute summer	68	11	8.658	0.012	1.1	0.0018	0.0000OK	6.004	69	1.1	0.074	0.000	0.8864
15 minute summer	69	20	8.857	0.192	2.2	0.0183	0.0000OK	6.005	70	0.0	0.600	0.000	0.0000
								Infiltration		0.1			
15 minute summer	70	11	5.788	0.013	1.1	0.0021	0.0000OK	6.006	71	1.1	0.094	0.000	0.1987
15 minute summer	71	18	5.757	0.072	2.2	0.0115	0.0000OK	6.007	72	0.5	0.027	0.000	1.0364
								Infiltration		0.1			
15 minute summer	72	18	5.757	0.072	1.8	0.0115	0.0000OK	6.008	73	0.0	0.600	0.000	0.0000
								Infiltration		0.2			
15 minute summer	73	18	5.792	0.087	1.1	0.0140	0.0000OK	6.009	74	0.8	0.949	0.001	0.3684
15 minute summer	74	18	5.792	0.087	1.9	0.0139	0.0000OK	6.010	75	1.5	0.113	0.001	0.3455
								Infiltration		0.1			
15 minute summer	75	19	5.792	0.057	2.8	0.0139	0.0000OK	6.011	76	2.2	0.082	0.001	0.4977
								Infiltration		0.1			
15 minute summer	76	19	5.792	0.157	3.0	0.0238	0.0000OK	6.012	76_OUT	0.5	0.913	0.000	0.5238
								Infiltration		0.1			
15 minute summer	76_OUT	18	5.792	0.157	1.7	0.0251	0.0000OK	Infiltration		0.1			

Results for 2 year 15 minute winter, 255 minute analysis at 1 minute timestep, Mass balance: 82.75%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
15 minute winter	1	1	9.390	0.000	0.0	0.0000	0.0000	OK	1.000	2	0.0	0.000	0.000	0.0000	
15 minute winter	2	1	9.250	0.000	0.0	0.0000	0.0000	OK	1.001	3	0.0	0.000	0.000	0.0001	
15 minute winter	3	14	9.150	0.000	0.0	0.0000	0.0000	OK	1.002	4	0.0	-0.003	0.000	0.0003	
15 minute winter	4	13	9.151	0.051	1.5	0.0000	0.0000	OK	1.003	5	-1.5	0.244	-0.066	0.3748	
15 minute winter	5	12	9.146	0.148	4.4	0.0000	0.0000	OK	1.004	6	6.8	0.482	0.177	0.1435	
15 minute winter	6	12	9.142	0.242	55.7	1.9941	0.0000	OK	1.005	7	51.0	1.198	1.053	0.7759	
15 minute winter	7	12	9.092	0.342	83.0	1.3930	0.0000	SURCHARGED	1.006	8	78.8	1.148	1.123	2.4923	
15 minute winter	8	12	9.017	0.487	143.2	3.2964	0.0000	SURCHARGED	1.007	9	132.0	1.191	1.220	5.9230	
15 minute winter	9	12	8.913	0.583	237.8	5.4719	0.0000	SURCHARGED	1.008	10	217.1	1.282	0.918	3.1360	
15 minute winter	10	12	8.850	0.580	237.0	1.0277	0.0000	SURCHARGED	1.009	11	206.7	1.288	1.398	38.0335	
15 minute winter	11	21	8.838	0.508	266.7	0.0000	0.0000	SURCHARGED	1.010	12	186.0	1.438	0.848	50.3278	
15 minute winter	12	15	7.750	1.000	185.0	0.0000	0.0000	FLOOD RISK	1.011	13	0.0	0.000	0.000	0.2415	
15 minute winter	13	1	8.500	0.000	0.0	0.0000	0.0000	OK	1.012	13_OUT	0.0	0.000	0.000	0.0000	
15 minute winter	13_OUT	1	7.533	0.000	0.0	0.0000	0.0000	OK	Flow through pond	49	0.0	0.000	0.000	77.8854	
15 minute winter	14	1	9.300	0.000	0.0	0.0000	0.0000	OK	2.000	15	0.0	0.000	0.000	0.2608	
15 minute winter	15	11	9.258	0.172	42.5	1.3659	0.0000	OK	2.001	16	41.0	1.150	0.847	0.8828	
15 minute winter	16	18	9.280	0.268	41.0	0.0000	0.0000	SURCHARGED	2.002	17	41.4	1.184	0.840	0.8215	
15 minute winter	17	22	9.233	0.374	82.0	1.1602	0.0000	SURCHARGED	2.003	18	82.0	1.200	0.797	1.8750	
15 minute winter	18	22	9.245	0.564	112.8	3.5474	0.0000	SURCHARGED	2.004	19	113.0	1.268	0.898	5.4890	
15 minute winter	19	19	9.240	0.789	198.7	7.1133	0.0000	SURCHARGED	2.005	20	201.2	1.399	1.020	4.0628	
15 minute winter	20	18	9.240	0.829	201.2	0.0000	0.0000	SURCHARGED	2.006	21	200.8	2.029	1.030	3.4979	
15 minute winter	21	14	9.247	0.876	200.8	0.0000	0.0000	SURCHARGED	2.007	22	204.5	1.950	0.343	3.7404	
15 minute winter	22	15	9.289	1.269	259.8	5.5111	0.0000	SURCHARGED	2.008	23	230.0	1.428	0.501	53.3017	
15 minute winter	23	12	7.750	1.000	230.0	0.0000	0.0000	FLOOD RISK	2.009	24	0.0	0.000	0.000	0.2417	
15 minute winter	24	1	8.500	0.000	0.0	0.0000	0.0000	OK	2.010	24_OUT	0.0	0.000	0.000	0.0000	
15 minute winter	24_OUT	1	7.533	0.000	0.0	0.0000	0.0000	OK	Flow through pond	49	0.0	0.000	0.000	77.8854	
15 minute winter	25	18	8.848	0.952	4.8	0.0334	0.0000	OK	3.000	26	4.7	0.864	0.261	0.2582	
15 minute winter	26	11	8.513	0.978	9.0	0.3118	0.0000	OK	3.001	27	8.3	0.878	0.522	0.3774	
									Infiltration		0.7				
15 minute winter	27	12	8.197	0.082	12.8	0.4179	0.0000	OK	3.002	28	11.3	1.120	0.582	0.3282	
									Infiltration		0.9				
15 minute winter	28	12	7.751	0.088	15.5	0.3045	0.0000	OK	3.003	29	14.7	1.283	0.822	0.4096	
									Infiltration		0.8				
15 minute winter	29	12	7.185	0.109	18.7	0.3125	0.0000	OK	3.004	30	17.9	1.549	0.545	0.6785	
									Infiltration		0.8				
15 minute winter	30	12	8.901	0.078	18.8	0.0091	0.0000	OK	3.005	31	18.5	0.349	0.008	1.4750	
15 minute winter	31	15	8.852	0.187	19.2	0.0201	0.0000	OK	3.006	32	14.8	0.218	0.008	1.8531	
									Infiltration		1.2				

15 minute winter	32	15	8.861	0.218	15.3	0.0258	0.0000OK	3.007	33	11.9	0.124	0.008	1.4042
								Infiltration		1.0			
								Infiltration		1.1			
15 minute winter	33	16	8.850	0.081	12.3	0.0097	0.0000OK	3.008	34	11.9	0.304	0.008	0.8250
15 minute winter	34	18	8.842	0.097	12.1	0.0118	0.0000OK	3.009	35	11.5	0.342	0.008	0.8230
								Infiltration		0.7			
15 minute winter	35	18	8.840	0.198	11.8	0.0188	0.0000OK	3.010	36	7.0	0.097	0.002	2.5185
								Infiltration		0.7			
15 minute winter	36	18	8.843	0.338	7.4	0.0385	0.0000OK	3.011	37	0.8	0.000	0.000	0.0000
								Infiltration		1.2			
15 minute winter	37	11	8.515	0.010	0.9	0.0012	0.0000OK	3.012	38	0.8	0.003	0.003	1.1892
15 minute winter	38	18	6.428	0.161	5.6	0.0183	0.0000OK	3.013	39	-4.0	-0.142	-0.003	0.7893
								Infiltration		0.7			
								Infiltration		0.9			
15 minute winter	39	12	8.450	0.925	4.1	0.0030	0.0000OK	3.014	40	-3.4	-0.289	-0.002	0.1628
								Infiltration		0.1			
15 minute winter	40	12	6.718	0.821	3.4	0.0025	0.0000OK	3.015	41	-2.7	-0.258	-0.002	0.1385
								Infiltration		0.0			
15 minute winter	41	12	8.885	0.020	2.7	0.0020	0.0000OK	3.016	42	-1.9	-0.220	-0.001	0.1148
								Infiltration		0.0			
15 minute winter	42	11	7.190	0.015	2.0	0.0018	0.0000OK	3.017	43	-1.2	-0.144	-0.001	0.1129
								Infiltration		0.0			
15 minute winter	43	11	7.183	0.018	1.4	0.0022	0.0000OK	3.018	44	-0.5	-0.075	0.000	0.0895
								Infiltration		0.0			
15 minute winter	44	11	7.234	0.003	0.9	0.0011	0.0000OK	3.019	45	0.3	0.053	0.000	0.0732
15 minute winter	45	11	7.210	0.015	1.2	0.0018	0.0000OK	3.020	46	1.1	0.138	0.000	0.1035
								Infiltration		0.0			
15 minute winter	46	11	7.141	0.016	1.8	0.0019	0.0000OK	3.021	47	1.8	0.198	0.001	0.1275
								Infiltration		0.0			
15 minute winter	47	12	8.984	0.019	2.8	0.0020	0.0000OK	3.022	48	2.5	0.148	0.001	0.2515
								Infiltration		0.0			
15 minute winter	48	13	8.841	0.048	3.3	0.0058	0.0000OK	3.023	50	3.0	0.158	0.004	0.2691
								Infiltration		0.0			
15 minute winter	49	20	7.518	-0.482	159.1	0.0000	0.0000OK	Orifice	50	0.0			
								Infiltration		0.0			
15 minute winter	50	1	7.450	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
15 minute winter	51	1	7.390	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
15 minute winter	52	1	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
15 minute winter	53	13	6.809	0.024	3.6	0.0029	0.0000OK	3.024	54	3.5	0.242	0.001	0.4745
								Infiltration		0.1			
15 minute winter	54	24	8.731	0.108	4.1	0.0127	0.0000OK	3.025	54_OUT	3.1	0.078	0.001	1.7010
								Infiltration		0.1			
15 minute winter	54_OUT	28	8.731	0.228	3.9	0.0272	0.0000OK	Infiltration		0.2			

15 minute winter	55	10	8.597	0.091	2.0	0.0208	0.0000OK	5.000	56	2.5	0.379	0.338	0.1131
15 minute winter	56	11	8.479	0.093	5.1	0.2359	0.0000OK	5.001	57	4.6	0.492	0.387	0.2004
								Infiltration		0.2			
15 minute winter	57	12	8.409	0.093	7.0	0.2881	0.0000OK	5.002	58	6.2	0.497	0.776	0.3957
								Infiltration		0.2			
15 minute winter	58	13	8.354	0.109	8.3	0.6629	0.0000OK	5.003	59	8.8	0.585	0.918	0.2602
								Infiltration		0.4			
15 minute winter	59	21	8.290	0.085	8.4	0.4124	0.0000OK	5.004	60	7.0	0.166	0.910	1.9663
								Infiltration		0.3			
15 minute winter	60	22	8.280	0.105	8.1	0.0356	0.0000OK	5.005	61	0.1	0.083	0.003	0.7490
								Infiltration		0.3			
15 minute winter	61	22	8.291	0.156	5.1	0.6528	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.4			
15 minute winter	62	12	8.158	0.023	2.8	0.0970	0.0000OK	5.007	63	2.1	0.144	0.001	1.5300
15 minute winter	63	21	7.909	0.073	0.4	0.0249	0.0000OK	5.008	63_OUT	-2.0	0.054	-0.001	1.8616
								Infiltration		0.1			
15 minute winter	63_OUT	22	7.910	0.145	4.4	0.0492	0.0000OK	Infiltration		0.2			
15 minute winter	64	19	6.215	0.030	1.2	0.0947	0.0000OK	8.000	65	1.1	0.100	0.001	0.3538
15 minute winter	65	18	6.214	0.089	2.3	0.0142	0.0000OK	8.001	66	1.1	0.075	0.001	0.7850
								Infiltration		0.1			
15 minute winter	66	17	6.214	0.121	2.2	0.0191	0.0000OK	8.002	67	-0.6	0.029	0.000	0.5167
								Infiltration		0.1			
15 minute winter	67	17	6.214	0.138	1.2	0.0214	0.0000OK	8.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
15 minute winter	68	11	8.058	0.012	1.2	0.0019	0.0000OK	8.004	69	1.1	0.074	0.000	0.3642
15 minute winter	69	20	5.874	0.109	2.3	0.0175	0.0000OK	8.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
15 minute winter	70	10	5.789	0.014	1.2	0.0022	0.0000OK	8.006	71	1.2	0.094	0.000	0.2199
15 minute winter	71	17	5.762	0.077	2.4	0.0123	0.0000OK	8.007	72	0.8	0.026	0.000	1.0920
								Infiltration		0.1			
15 minute winter	72	18	5.752	0.077	1.7	0.0123	0.0000OK	8.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
15 minute winter	73	18	5.800	0.095	1.2	0.0152	0.0000OK	8.009	74	0.9	0.050	0.001	0.3390
15 minute winter	74	19	5.800	0.095	2.0	0.0163	0.0000OK	8.010	75	1.6	0.116	0.001	0.3856
								Infiltration		0.1			
15 minute winter	75	18	5.601	0.098	2.7	0.0153	0.0000OK	8.011	76	2.3	0.081	0.001	0.5409
								Infiltration		0.1			
15 minute winter	76	18	5.801	0.166	3.4	0.0252	0.0000OK	8.012	76_OUT	0.6	0.012	0.000	0.6886
								Infiltration		0.1			
15 minute winter	76_OUT	18	5.601	0.168	1.7	0.0265	0.0000OK	Infiltration		0.1			

Results for 2 year 30 minute summer, 270 minute analysis at 1 minute timestep, Mass balance: 82.81%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute summer	1	1	9.300	0.000	0.0	0.0000	0.0000	OK	1.000		0.0	0.000	0.000	0.0000	
30 minute summer	2	1	9.250	0.000	0.0	0.0000	0.0000	OK	1.001	3	0.0	0.000	0.000	0.0000	
30 minute summer	3	1	9.150	0.000	0.0	0.0000	0.0000	OK	1.002	4	0.0	0.000	0.000	0.0000	
30 minute summer	4	1	9.100	0.000	0.0	0.0000	0.0000	OK	1.003	5	0.0	0.000	0.000	0.1798	
30 minute summer	5	18	9.050	0.050	1.0	0.0000	0.0000	OK	1.004	6	1.9	0.202	0.052	0.0946	
30 minute summer	6	18	9.089	0.189	47.0	1.5505	0.0000	OK	1.005	7	48.5	1.198	0.960	0.6188	
30 minute summer	7	19	9.004	0.254	73.9	1.0357	0.0000	OK	1.006	8	72.4	1.150	1.031	2.2173	
30 minute summer	8	20	8.938	0.388	127.3	2.8815	0.0000	OK	1.007	9	120.7	1.132	1.116	5.8975	
30 minute summer	9	20	8.855	0.505	211.1	4.9098	0.0000	SURCHARGED	1.008	10	194.0	1.125	0.818	3.1358	
30 minute summer	10	20	8.830	0.530	211.1	0.9094	0.0000	SURCHARGED	1.009	11	192.5	1.180	1.303	45.8115	
30 minute summer	11	32	8.782	0.782	192.5	0.0000	0.0000	SURCHARGED	1.010	12	157.9	1.021	0.583	53.3278	
30 minute summer	12	22	7.750	1.000	187.9	0.0000	0.0000	FLOOD RISK	1.011	13	0.0	0.000	0.000	0.2415	
30 minute summer	13	1	9.500	0.000	0.0	0.0000	0.0000	OK	1.012	13_OUT	0.0	0.000	0.000	0.0000	
30 minute summer	13_OUT	35	7.534	0.001	0.0	0.0000	0.0000	OK	Flow through pond	49	10.7	0.011	0.000	94.7260	
30 minute summer	14	32	9.580	0.280	5.8	0.0000	0.0000	FLOOD RISK	2.000	15	-5.8	-0.222	-0.193	0.8136	
30 minute summer	15	32	9.576	0.492	36.3	3.9022	0.0000	FLOOD RISK	2.001	16	36.0	1.115	0.742	0.9254	
30 minute summer	16	32	9.593	0.802	36.0	0.0000	0.0000	FLOOD RISK	2.002	17	35.7	1.126	0.725	0.6320	
30 minute summer	17	32	9.603	0.744	59.4	2.3085	0.0000	FLOOD RISK	2.003	18	59.8	1.162	0.668	1.8750	
30 minute summer	18	31	9.571	0.890	98.9	5.8014	0.0000	FLOOD RISK	2.004	19	97.9	1.251	0.778	5.4890	
30 minute summer	19	31	9.552	1.100	174.3	9.9758	0.0000	FLOOD RISK	2.005	20	172.5	1.348	0.875	4.0828	
30 minute summer	20	32	9.559	1.150	216.4	0.0000	0.0000	FLOOD RISK	2.006	21	196.9	1.770	0.844	3.4978	
30 minute summer	21	32	9.579	1.207	166.9	0.0000	0.0000	FLOOD RISK	2.007	22	170.0	1.873	0.285	3.7404	
30 minute summer	22	32	9.578	1.578	218.9	8.8557	0.0000	FLOOD RISK	2.008	23	188.5	1.077	0.654	53.3617	
30 minute summer	23	18	7.750	1.000	188.5	0.0000	0.0000	FLOOD RISK	2.009	24	21.3	0.176	0.169	0.2524	
30 minute summer	24	33	9.545	0.045	21.3	0.0000	0.0000	OK	2.010	24_OUT	21.0	2.431	0.017	0.0518	
30 minute summer	24_OUT	33	7.826	0.080	21.0	0.0000	0.0000	OK	Flow through pond	49	10.7	0.011	0.000	94.7260	
30 minute summer	25	18	8.845	0.049	4.1	0.0311	0.0000	OK	3.000	26	4.1	0.639	0.228	0.2325	
30 minute summer	26	19	8.608	0.071	8.2	0.2664	0.0000	OK	3.001	27	7.2	0.846	0.455	0.3418	
									Infiltration		0.5				
30 minute summer	27	19	8.190	0.075	11.1	0.3811	0.0000	OK	3.002	28	9.9	1.087	0.492	0.2975	
									Infiltration		0.8				
30 minute summer	28	19	7.774	0.079	13.8	0.2628	0.0000	OK	3.003	29	12.8	1.247	0.543	0.3885	
									Infiltration		0.5				
30 minute summer	29	19	7.158	0.091	16.5	0.2948	0.0000	OK	3.004	30	15.7	1.508	0.564	0.0708	
									Infiltration		0.5				
30 minute summer	30	20	6.890	0.071	16.4	0.0085	0.0000	OK	3.005	31	10.3	0.287	0.007	1.4244	
30 minute summer	31	22	6.859	0.164	16.9	0.0197	0.0000	OK	3.006	32	13.4	0.144	0.008	1.8111	
									Infiltration		1.2				

30 minute summer	32	22	6.858	0.213	13.9	0.0255	0.0000OK	3.007	33	19.7	0.117	0.007	1.3987
								Infiltration		1.0			
								Infiltration		1.1			
30 minute summer	33	22	6.853	0.078	11.1	0.0093	0.0000OK	3.008	34	10.9	0.295	0.008	0.8341
30 minute summer	34	26	6.842	0.097	11.2	0.0116	0.0000OK	3.009	35	10.5	0.328	0.004	0.8308
								Infiltration		0.7			
30 minute summer	35	27	6.842	0.167	10.8	0.0250	0.0000OK	3.010	36	7.2	0.091	0.002	2.5250
								Infiltration		0.7			
30 minute summer	36	26	6.843	0.338	7.8	0.0385	0.0000OK	3.011	37	0.0	0.009	0.000	0.0000
								Infiltration		1.2			
30 minute summer	37	18	6.515	0.010	6.8	0.0012	0.0000OK	3.012	38	0.0	0.043	0.000	1.2572
30 minute summer	38	28	6.433	0.188	5.2	0.0202	0.0000OK	3.013	39	-3.7	-0.110	-0.002	0.8408
								Infiltration		0.7			
								Infiltration		1.0			
30 minute summer	39	20	6.478	0.024	3.8	0.0028	0.0000OK	3.014	40	-3.2	-0.280	-0.002	0.1558
								Infiltration		0.1			
30 minute summer	40	19	6.715	0.020	3.2	0.0024	0.0000OK	3.015	41	-2.5	-0.251	-0.002	0.1311
								Infiltration		0.0			
30 minute summer	41	19	6.864	0.019	2.8	0.0023	0.0000OK	3.016	42	-1.8	-0.214	-0.001	0.1107
								Infiltration		0.0			
30 minute summer	42	19	7.099	0.014	1.9	0.0017	0.0000OK	3.017	43	-1.2	-0.140	-0.001	0.1085
								Infiltration		0.0			
30 minute summer	43	19	7.163	0.018	1.3	0.0021	0.0000OK	3.018	44	-0.5	-0.072	0.000	0.0853
								Infiltration		0.0			
30 minute summer	44	18	7.234	0.009	0.8	0.0010	0.0000OK	3.019	45	0.3	0.052	0.000	0.0894
30 minute summer	45	19	7.209	0.014	1.1	0.0017	0.0000OK	3.020	46	1.0	0.131	0.000	0.0991
								Infiltration		0.0			
30 minute summer	46	19	7.140	0.015	1.0	0.0018	0.0000OK	3.021	47	1.7	0.192	0.001	0.1228
								Infiltration		0.0			
30 minute summer	47	19	6.984	0.018	2.4	0.0022	0.0000OK	3.022	48	2.3	0.141	0.001	0.2437
								Infiltration		0.0			
30 minute summer	48	20	6.841	0.046	3.0	0.0055	0.0000OK	3.023	53	2.8	0.155	0.004	0.2541
								Infiltration		0.0			
30 minute summer	49	100	7.521	-0.479	135.8	0.0000	0.0000OK	Orifice	50	0.0			
								Infiltration		0.0			
30 minute summer	50	1	7.400	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
30 minute summer	51	1	7.300	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
30 minute summer	52	1	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
30 minute summer	53	20	6.808	0.023	3.4	0.0028	0.0000OK	3.024	54	3.3	0.231	0.001	0.5777
								Infiltration		0.1			
30 minute summer	54	35	6.751	0.128	3.9	0.0151	0.0000OK	3.025	54_OUT	2.9	0.082	0.001	1.9551
								Infiltration		0.1			
30 minute summer	54_OUT	37	6.751	0.248	3.7	0.0295	0.0000OK	Infiltration		0.3			

30 minute summer	55	18	8.502	0.056	2.2	0.0191	0.0000OK	5.000	56	2.2	0.365	0.297	0.1023
30 minute summer	56	19	8.474	0.058	4.4	0.2133	0.0000OK	5.001	57	4.0	0.474	0.318	0.1318
								Infiltration		0.2			
30 minute summer	57	19	8.450	0.090	6.1	0.2413	0.0000OK	5.002	58	5.5	0.474	0.881	0.3861
								Infiltration		0.2			
30 minute summer	58	21	8.347	0.102	7.4	0.8044	0.0000OK	5.003	59	8.1	0.561	0.826	0.2452
								Infiltration		0.4			
30 minute summer	59	32	8.299	0.084	7.5	0.4856	0.0000OK	5.004	60	6.2	0.150	0.069	2.1731
								Infiltration		0.3			
30 minute summer	60	32	8.299	0.114	7.5	0.6387	0.0000OK	5.005	61	2.7	0.678	0.003	4.0385
								Infiltration		0.3			
30 minute summer	61	32	8.299	0.183	4.9	0.0554	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.5			
30 minute summer	62	19	8.157	0.021	2.2	0.0073	0.0000OK	5.007	63	1.8	0.124	0.001	1.7187
30 minute summer	63	34	7.920	0.064	4.8	0.0286	0.0000OK	5.008	63_OUT	1.3	0.645	0.001	1.8807
								Infiltration		0.2			
30 minute summer	63_OUT	35	7.920	0.156	3.3	0.0529	0.0000OK	Infiltration		0.2			
30 minute summer	64	33	6.221	0.038	1.0	0.0057	0.0000OK	6.000	65	1.0	0.083	0.000	0.3848
30 minute summer	65	32	6.220	0.095	2.0	0.0152	0.0000OK	6.001	66	0.8	0.055	0.000	0.6223
								Infiltration		0.1			
30 minute summer	66	32	6.221	0.126	1.7	0.0202	0.0000OK	6.002	67	-0.4	0.625	0.000	0.5498
								Infiltration		0.1			
30 minute summer	67	32	6.221	0.145	1.0	0.0224	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
30 minute summer	68	18	6.667	0.011	1.0	0.0017	0.0000OK	6.004	69	0.9	0.051	0.000	1.0831
30 minute summer	69	33	5.854	0.119	1.0	0.0191	0.0000OK	6.005	70	0.0	0.600	0.000	0.0000
								Infiltration		0.1			
30 minute summer	70	18	5.788	0.013	1.0	0.0020	0.0000OK	6.006	71	1.0	0.068	0.000	0.2383
30 minute summer	71	32	5.786	0.081	2.0	0.0129	0.0000OK	6.007	72	0.4	0.016	0.000	1.1490
								Infiltration		0.1			
30 minute summer	72	32	5.795	0.080	1.4	0.0129	0.0000OK	6.008	73	0.0	0.600	0.000	0.0000
								Infiltration		0.2			
30 minute summer	73	32	5.810	0.105	1.0	0.0158	0.0000OK	6.009	74	0.6	0.940	0.000	0.3805
30 minute summer	74	33	5.810	0.105	1.0	0.0158	0.0000OK	6.010	75	0.9	0.088	0.001	0.4308
								Infiltration		0.1			
30 minute summer	75	33	5.810	0.105	1.8	0.0188	0.0000OK	6.011	76	1.4	0.053	0.000	0.5888
								Infiltration		0.1			
30 minute summer	76	33	5.810	0.175	2.1	0.0256	0.0000OK	6.012	76_OUT	0.3	0.007	0.000	0.7178
								Infiltration		0.1			
30 minute summer	76_OUT	32	5.810	0.175	1.2	0.0281	0.0000OK	Infiltration		0.1			

Results for 2 year 30 minute winter, 270 minute analysis at 1 minute timestep, Mass balance: 83.87%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
30 minute winter	1	1	9.390	0.000	0.0	0.0000	0.0000	OK	1.000	2	0.0	0.000	0.000	0.0000	0.0000
30 minute winter	2	1	9.250	0.000	0.0	0.0000	0.0000	OK	1.001	3	0.0	0.000	0.000	0.0000	0.0000
30 minute winter	3	1	9.150	0.000	0.0	0.0000	0.0000	OK	1.002	4	0.0	0.000	0.000	0.0000	0.0000
30 minute winter	4	1	9.100	0.000	0.0	0.0000	0.0000	OK	1.003	5	0.0	0.000	0.000	0.1450	0.1450
30 minute winter	5	18	9.076	0.076	2.0	0.0000	0.0000	OK	1.004	6	2.1	0.298	0.056	0.0817	0.0817
30 minute winter	6	18	9.076	0.170	43.0	1.4436	0.0000	OK	1.005	7	42.6	1.188	0.883	0.5826	0.5826
30 minute winter	7	39	9.038	0.288	67.4	1.1759	0.0000	OK	1.006	8	86.4	1.138	0.948	2.4412	2.4412
30 minute winter	8	31	9.057	0.507	116.1	3.4818	0.0000	UPRCHARGED	1.007	9	111.1	1.192	1.027	5.9230	5.9230
30 minute winter	9	37	9.050	0.700	192.8	6.8197	0.0000	UPRCHARGED	1.008	10	180.8	1.048	0.762	3.1360	3.1360
30 minute winter	10	36	9.052	0.752	190.0	1.3342	0.0000	UPRCHARGED	1.009	11	156.5	1.163	1.292	47.8613	47.8613
30 minute winter	11	35	9.195	1.195	186.5	0.0000	0.0000	UPRCHARGED	1.010	12	154.3	1.076	0.576	50.3276	50.3276
30 minute winter	12	21	7.750	1.000	184.3	0.0000	0.0000	FLOOD RISK	1.011	13	0.0	0.000	0.000	0.2415	0.2415
30 minute winter	13	1	8.500	0.000	0.0	0.0000	0.0000	OK	1.012	13_OUT	0.0	0.000	0.000	0.0000	0.0000
30 minute winter	13_OUT	31	7.535	0.002	0.0	0.0000	0.0000	OK	Flow through pond	49	40.7	0.037	0.000	119.1668	119.1668
30 minute winter	14	26	9.708	0.408	14.1	0.0000	0.0000	FLOOD RISK	2.000	15	-14.1	-0.456	-0.466	0.8138	0.8138
30 minute winter	15	27	9.864	0.578	42.8	4.5801	0.0000	FLOOD RISK	2.001	16	32.6	1.088	0.873	0.9254	0.9254
30 minute winter	16	28	9.884	0.590	32.6	0.0000	0.0000	FLOOD RISK	2.002	17	32.5	1.092	0.858	0.6320	0.6320
30 minute winter	17	27	9.891	0.832	67.3	2.5622	0.0000	FLOOD RISK	2.003	18	49.0	1.128	0.627	1.8750	1.8750
30 minute winter	18	27	9.873	0.982	89.8	8.2407	0.0000	FLOOD RISK	2.004	19	89.2	1.223	0.708	5.4890	5.4890
30 minute winter	19	27	9.623	1.187	158.8	10.5219	0.0000	FLOOD RISK	2.005	20	158.8	1.290	0.795	4.0628	4.0628
30 minute winter	20	26	9.656	1.245	158.8	0.0000	0.0000	FLOOD RISK	2.006	21	170.8	1.928	0.894	3.4979	3.4979
30 minute winter	21	28	9.685	1.313	170.9	0.0000	0.0000	FLOOD RISK	2.007	22	156.2	1.818	0.262	3.7404	3.7404
30 minute winter	22	28	9.894	1.894	290.6	7.3583	0.0000	FLOOD RISK	2.008	23	186.3	1.077	0.577	53.3017	53.3017
30 minute winter	23	18	7.750	1.000	186.3	0.0000	0.0000	FLOOD RISK	2.009	24	53.6	0.421	0.273	0.2622	0.2622
30 minute winter	24	28	9.570	0.070	53.6	0.0000	0.0000	OK	2.010	24_OUT	53.2	3.216	0.943	0.0991	0.0991
30 minute winter	24_OUT	28	7.706	0.173	53.2	0.0000	0.0000	OK	Flow through pond	49	40.7	0.037	0.000	119.1668	119.1668
30 minute winter	25	18	8.842	0.948	3.7	0.0295	0.0000	OK	3.000	26	3.7	0.811	0.208	0.2175	0.2175
30 minute winter	26	18	8.503	0.860	7.4	0.2438	0.0000	OK	3.001	27	6.0	0.824	0.418	0.3218	0.3218
									Infiltration		0.6				
30 minute winter	27	19	8.187	0.072	10.2	0.3331	0.0000	OK	3.002	28	9.2	1.057	0.457	0.2822	0.2822
									Infiltration		0.8				
30 minute winter	28	19	7.771	0.078	12.7	0.2452	0.0000	OK	3.003	29	12.0	1.228	0.510	0.3514	0.3514
									Infiltration		0.5				
30 minute winter	29	19	7.153	0.088	15.5	0.2477	0.0000	OK	3.004	30	14.8	1.491	0.504	0.6676	0.6676
									Infiltration		0.5				
30 minute winter	30	20	8.693	0.088	15.5	0.0082	0.0000	OK	3.005	31	15.5	0.286	0.006	1.4350	1.4350
30 minute winter	31	22	8.851	0.188	16.1	0.0189	0.0000	OK	3.006	32	13.3	0.155	0.008	1.8379	1.8379
									Infiltration		1.2				

30 minute winter	32	22	8.850	0.215	13.8	0.0258	0.0000OK	3.007	33	11.2	0.117	0.007	1.4032
								Infiltration		1.0			
								Infiltration		1.1			
30 minute winter	33	27	8.859	0.084	11.8	0.0160	0.0000OK	3.008	34	11.5	0.299	0.008	0.7838
30 minute winter	34	28	8.859	0.114	11.8	0.0136	0.0000OK	3.009	35	10.3	0.342	0.004	0.9891
								Infiltration		0.8			
30 minute winter	35	27	6.858	0.183	10.8	0.0220	0.0000OK	3.010	36	8.3	0.057	0.002	2.7093
								Infiltration		0.7			
30 minute winter	36	28	8.859	0.354	8.8	0.0403	0.0000OK	3.011	37	0.8	0.000	0.000	0.0000
								Infiltration		1.2			
30 minute winter	37	19	6.514	0.009	0.7	0.0011	0.0000OK	3.012	38	0.7	0.043	0.003	1.3382
30 minute winter	38	27	6.448	0.183	4.8	0.0220	0.0000OK	3.013	39	-3.0	-0.101	-0.002	0.8316
								Infiltration		0.8			
								Infiltration		1.1			
30 minute winter	39	29	6.470	0.923	3.7	0.0028	0.0000OK	3.014	40	-3.0	-0.273	-0.002	0.1597
								Infiltration		0.1			
30 minute winter	40	19	6.714	0.019	3.1	0.0023	0.0000OK	3.015	41	-2.4	-0.244	-0.002	0.1282
								Infiltration		0.0			
30 minute winter	41	19	6.883	0.018	2.4	0.0022	0.0000OK	3.016	42	-1.7	-0.298	-0.001	0.1063
								Infiltration		0.0			
30 minute winter	42	19	7.099	0.014	1.8	0.0017	0.0000OK	3.017	43	-1.1	-0.138	-0.001	0.1039
								Infiltration		0.0			
30 minute winter	43	19	7.182	0.017	1.1	0.0020	0.0000OK	3.018	44	-0.4	-0.068	0.000	0.0815
								Infiltration		0.0			
30 minute winter	44	19	7.233	0.008	0.7	0.0010	0.0000OK	3.019	45	0.3	0.049	0.000	0.0663
30 minute winter	45	19	7.258	0.013	1.0	0.0016	0.0000OK	3.020	46	0.8	0.127	0.000	0.0947
								Infiltration		0.0			
30 minute winter	46	19	7.140	0.016	1.0	0.0018	0.0000OK	3.021	47	1.6	0.187	0.000	0.1177
								Infiltration		0.0			
30 minute winter	47	19	6.983	0.018	2.3	0.0021	0.0000OK	3.022	48	2.2	0.134	0.001	0.2384
								Infiltration		0.0			
30 minute winter	48	29	6.840	0.945	2.9	0.0054	0.0000OK	3.023	50	2.7	0.152	0.003	0.2494
								Infiltration		0.0			
30 minute winter	49	100	7.527	-0.473	122.9	0.0000	0.0000OK	Orifice	50	0.0			
								Infiltration		0.0			
30 minute winter	50	1	7.450	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
30 minute winter	51	1	7.390	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
30 minute winter	52	1	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
30 minute winter	53	20	6.808	0.023	3.3	0.0027	0.0000OK	3.024	54	3.3	0.221	0.001	0.6800
								Infiltration		0.1			
30 minute winter	54	35	8.759	0.144	3.9	0.0173	0.0000OK	3.025	54_OUT	2.8	0.059	0.001	2.2015
								Infiltration		0.2			
30 minute winter	54_OUT	35	8.770	0.285	3.3	0.0318	0.0000OK	Infiltration		0.3			

30 minute winter	55	18	8.499	0.853	2.0	0.0181	0.0000OK	5.000	56	2.0	0.352	0.271	0.0959
30 minute winter	56	19	8.471	0.856	4.0	0.2520	0.0000OK	5.001	57	3.7	0.457	0.294	0.1728
								Infiltration		0.2			
30 minute winter	57	20	8.397	0.867	5.8	0.2258	0.0000OK	5.002	58	5.2	0.486	0.348	0.3579
								Infiltration		0.2			
30 minute winter	58	21	8.346	0.101	7.0	0.6013	0.0000OK	5.003	59	6.1	0.548	0.318	0.2509
								Infiltration		0.4			
30 minute winter	59	32	8.311	0.108	7.7	0.5384	0.0000OK	5.004	60	6.8	0.147	0.009	2.4777
								Infiltration		0.3			
30 minute winter	60	32	8.311	0.128	7.7	0.0426	0.0000OK	5.005	61	2.8	0.079	0.003	4.4762
								Infiltration		0.3			
30 minute winter	61	32	8.311	0.176	4.0	0.6595	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.5			
30 minute winter	62	20	8.157	0.021	2.0	0.0971	0.0000OK	5.007	63	1.8	0.119	0.001	1.9704
30 minute winter	63	33	7.931	0.995	4.5	0.0323	0.0000OK	5.008	63_OUT	1.3	0.044	0.001	2.0567
								Infiltration		0.2			
30 minute winter	63_OUT	34	7.931	0.160	3.0	0.0505	0.0000OK	Infiltration		0.2			
30 minute winter	64	31	6.237	0.052	0.9	0.0983	0.0000OK	6.000	65	0.8	0.050	0.000	0.5089
30 minute winter	65	32	6.237	0.112	1.8	0.0179	0.0000OK	6.001	66	0.7	0.080	0.000	0.9697
								Infiltration		0.1			
30 minute winter	66	33	6.237	0.144	1.0	0.0227	0.0000OK	6.002	67	-0.4	0.028	0.000	0.8319
								Infiltration		0.1			
30 minute winter	67	33	6.237	0.191	0.9	0.0250	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
30 minute winter	68	19	8.067	0.011	0.9	0.0016	0.0000OK	6.004	69	0.9	0.051	0.000	1.2599
30 minute winter	69	33	5.952	0.137	1.8	0.0220	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
30 minute winter	70	30	5.778	0.023	0.9	0.0038	0.0000OK	6.006	71	0.8	0.071	0.000	0.3083
30 minute winter	71	32	5.778	0.093	1.8	0.0148	0.0000OK	6.007	72	0.4	0.017	0.000	1.3484
								Infiltration		0.1			
30 minute winter	72	31	5.778	0.993	1.3	0.0148	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
30 minute winter	73	32	5.831	0.120	0.9	0.0201	0.0000OK	6.009	74	0.0	0.040	0.000	0.4712
30 minute winter	74	33	5.831	0.126	1.4	0.0201	0.0000OK	6.010	75	1.0	0.090	0.001	0.5043
								Infiltration		0.1			
30 minute winter	75	32	5.831	0.128	1.7	0.0202	0.0000OK	6.011	76	1.3	0.051	0.000	0.8958
								Infiltration		0.1			
30 minute winter	76	33	5.831	0.196	2.0	0.0298	0.0000OK	6.012	76_OUT	0.4	0.008	0.000	0.5271
								Infiltration		0.1			
30 minute winter	76_OUT	33	5.831	0.188	1.1	0.0314	0.0000OK	Infiltration		0.1			

Results for 2 year 60 minute summer. 300 minute analysis at 1 minute timestep. Mass balance: 84.88%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute summer	1	65	9.517	0.217	1.8	0.0000	0.0000	FLOOD RISK	1.000	2	-1.8	-0.203	-0.081	0.4853	
60 minute summer	2	65	9.518	0.268	5.7	0.0000	0.0000	FLOOD RISK	1.001	3	-5.7	-0.209	-0.268	1.1264	
60 minute summer	3	65	9.517	0.367	6.1	0.0000	0.0000	FLOOD RISK	1.002	4	-6.1	-0.333	-0.269	0.4989	
60 minute summer	4	65	9.514	0.414	6.9	0.0000	0.0000	FLOOD RISK	1.003	5	-6.9	-0.247	-0.298	0.8441	
60 minute summer	5	65	9.516	0.516	12.4	0.0000	0.0000	FLOOD RISK	1.004	6	-12.4	-0.443	-0.332	0.1621	
60 minute summer	6	65	9.518	0.618	35.9	5.9780	0.0000	FLOOD RISK	1.005	7	35.9	1.117	0.734	0.7796	
60 minute summer	7	64	9.518	0.786	58.3	3.1207	0.0000	FLOOD RISK	1.006	8	55.7	1.125	0.793	2.4823	
60 minute summer	8	65	9.515	0.985	97.2	6.8259	0.0000	FLOOD RISK	1.007	9	95.3	1.083	0.860	5.9230	
60 minute summer	9	64	9.515	1.165	163.2	11.3322	0.0000	FLOOD RISK	1.008	10	156.7	0.983	0.861	3.1360	
60 minute summer	10	65	9.522	1.222	169.8	2.1659	0.0000	FLOOD RISK	1.009	11	150.9	1.137	1.088	47.8613	
60 minute summer	11	67	9.518	1.518	163.8	0.0000	0.0000	FLOOD RISK	1.010	12	123.7	0.799	0.429	50.3276	
60 minute summer	12	34	7.750	1.000	123.7	0.0000	0.0000	FLOOD RISK	1.011	13	1.4	0.013	0.007	0.2431	
60 minute summer	13	68	9.513	0.013	1.4	0.0000	0.0000	OK	1.012	13_OUT	1.4	1.093	0.001	0.0079	
60 minute summer	13_OUT	68	7.550	0.017	1.4	0.0000	0.0000	OK	Flow through pond	49	42.0	0.037	0.000	152.2435	
60 minute summer	14	42	9.700	0.403	8.7	0.0000	0.0000	FLOOD RISK	2.000	15	-8.7	-0.311	-0.321	0.8138	
60 minute summer	15	42	9.686	0.600	43.0	4.7872	0.0000	FLOOD RISK	2.001	16	-30.8	1.042	-0.835	0.9254	
60 minute summer	16	42	9.673	0.882	52.6	0.0000	0.0000	FLOOD RISK	2.002	17	-36.0	1.046	-0.733	0.6320	
60 minute summer	17	42	9.663	0.804	41.2	2.4950	0.0000	FLOOD RISK	2.003	18	40.9	1.068	0.523	1.8750	
60 minute summer	18	42	9.674	0.993	94.2	6.2486	0.0000	FLOOD RISK	2.004	19	74.5	1.156	0.592	5.4890	
60 minute summer	19	41	9.850	1.229	132.3	11.0789	0.0000	FLOOD RISK	2.005	20	131.3	1.231	0.866	4.0628	
60 minute summer	20	41	9.872	1.251	131.3	0.0000	0.0000	FLOOD RISK	2.006	21	138.8	1.783	0.703	3.4979	
60 minute summer	21	41	9.633	1.281	138.0	0.0000	0.0000	FLOOD RISK	2.007	22	134.5	1.707	0.228	3.7404	
60 minute summer	22	41	9.628	1.826	170.4	7.0814	0.0000	FLOOD RISK	2.008	23	119.7	0.655	0.418	53.3017	
60 minute summer	23	31	7.750	1.000	119.7	0.0000	0.0000	FLOOD RISK	2.009	24	54.2	0.425	0.276	0.2623	
60 minute summer	24	43	9.570	0.070	54.2	0.0000	0.0000	OK	2.010	24_OUT	54.7	3.286	0.044	0.1003	
60 minute summer	24_OUT	43	7.711	0.177	54.7	0.0000	0.0000	OK	Flow through pond	49	42.0	0.037	0.000	152.2435	
60 minute summer	25	33	8.836	0.042	3.1	0.0289	0.0000	OK	3.000	26	3.1	0.584	0.172	0.1964	
60 minute summer	26	34	8.498	0.081	6.2	0.2021	0.0000	OK	3.001	27	5.6	0.787	0.347	0.2798	
								Infiltration			0.5				
60 minute summer	27	34	8.180	0.065	8.5	0.2734	0.0000	OK	3.002	28	7.7	1.019	0.380	0.2453	
								Infiltration			0.7				
60 minute summer	28	34	7.750	0.066	10.6	0.2026	0.0000	OK	3.003	29	10.0	1.178	0.423	0.3041	
								Infiltration			0.5				
60 minute summer	29	34	7.143	0.078	12.8	0.2009	0.0000	OK	3.004	30	12.3	1.432	0.444	0.6585	
								Infiltration			0.4				
60 minute summer	30	35	6.890	0.061	12.9	0.0073	0.0000	OK	3.005	31	12.9	0.210	0.065	1.3160	
60 minute summer	31	37	6.851	0.158	13.4	0.0187	0.0000	OK	3.006	32	11.0	0.118	0.008	1.7189	
								Infiltration			1.1				

60 minute summer	32	37	6.850	0.205	11.5	0.0246	0.0000OK	3.007	33	8.8	0.102	0.008	1.2876
								Infiltration		1.0			
								Infiltration		1.1			
60 minute summer	33	37	6.840	0.071	8.3	0.0085	0.0000OK	3.008	34	9.8	0.276	0.007	0.8561
60 minute summer	34	43	6.845	0.150	9.8	0.0119	0.0000OK	3.009	35	8.7	0.299	0.004	0.8462
								Infiltration		0.8			
60 minute summer	35	42	6.843	0.188	9.1	0.0202	0.0000OK	3.010	36	5.7	0.079	0.002	2.5515
								Infiltration		0.7			
60 minute summer	36	43	6.845	0.340	6.2	0.0388	0.0000OK	3.011	37	0.8	0.000	0.000	0.0000
								Infiltration		1.2			
60 minute summer	37	34	6.513	0.008	0.0	0.0010	0.0000OK	3.012	38	0.6	0.043	0.003	1.3542
60 minute summer	38	42	6.444	0.179	4.2	0.0214	0.0000OK	3.013	39	-3.0	-0.075	-0.002	0.8025
								Infiltration		0.8			
								Infiltration		1.0			
60 minute summer	39	35	6.476	0.021	3.1	0.0025	0.0000OK	3.014	40	-2.5	-0.257	-0.002	0.1359
								Infiltration		0.1			
60 minute summer	40	34	6.712	0.017	2.0	0.0021	0.0000OK	3.015	41	-2.0	-0.230	-0.001	0.1140
								Infiltration		0.0			
60 minute summer	41	34	6.881	0.016	2.1	0.0020	0.0000OK	3.016	42	-1.5	-0.196	-0.001	0.0961
								Infiltration		0.0			
60 minute summer	42	34	7.097	0.012	1.6	0.0015	0.0000OK	3.017	43	-0.9	-0.128	-0.001	0.0941
								Infiltration		0.0			
60 minute summer	43	34	7.180	0.015	1.0	0.0018	0.0000OK	3.018	44	-0.4	-0.064	0.000	0.0740
								Infiltration		0.0			
60 minute summer	44	34	7.232	0.007	0.8	0.0009	0.0000OK	3.019	45	0.2	0.046	0.000	0.0601
60 minute summer	45	34	7.207	0.012	0.8	0.0015	0.0000OK	3.020	46	0.8	0.120	0.003	0.0857
								Infiltration		0.0			
60 minute summer	46	34	7.138	0.013	1.4	0.0018	0.0000OK	3.021	47	1.3	0.175	0.003	0.1084
								Infiltration		0.0			
60 minute summer	47	34	6.981	0.016	1.9	0.0019	0.0000OK	3.022	48	1.9	0.125	0.001	0.2172
								Infiltration		0.0			
60 minute summer	48	35	6.836	0.041	2.5	0.0049	0.0000OK	3.023	50	2.3	0.141	0.003	0.2266
								Infiltration		0.0			
60 minute summer	49	172	7.634	-0.488	102.6	0.0000	0.0000OK	Orifice	50	0.0			
								Infiltration		0.0			
60 minute summer	50	1	7.450	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
60 minute summer	51	1	7.300	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
60 minute summer	52	1	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
60 minute summer	53	35	6.808	0.021	2.8	0.0025	0.0000OK	3.024	54	2.7	0.170	0.001	0.7599
								Infiltration		0.1			
60 minute summer	54	62	6.784	0.158	3.2	0.0191	0.0000OK	3.025	54_OUT	1.8	0.037	0.001	2.4079
								Infiltration		0.2			
60 minute summer	54_OUT	63	6.784	0.279	2.0	0.0335	0.0000OK	Infiltration		0.3			

60 minute summer	55	32	8.493	0.047	1.8	0.0181	0.0000OK	5.000	56	1.8	0.334	0.217	0.0820
60 minute summer	56	34	8.485	0.049	3.2	0.1739	0.0000OK	5.001	57	3.0	0.432	0.237	0.1471
								Infiltration		0.2			
60 minute summer	57	35	8.380	0.070	4.8	0.1787	0.0000OK	5.002	58	4.2	0.433	0.524	0.3058
								Infiltration		0.2			
60 minute summer	58	36	8.334	0.089	5.8	0.4980	0.0000OK	5.003	59	4.3	0.509	0.862	0.2245
								Infiltration		0.4			
60 minute summer	59	52	8.307	0.102	6.2	0.5146	0.0000OK	5.004	60	4.5	0.115	0.008	2.3773
								Infiltration		0.3			
60 minute summer	60	51	8.307	0.122	5.9	0.6415	0.0000OK	5.005	61	1.7	0.058	0.002	4.3335
								Infiltration		0.3			
60 minute summer	61	51	8.307	0.171	3.2	0.0582	0.0000OK	5.006	62	0.0	0.000	0.003	0.0000
								Infiltration		0.5			
60 minute summer	62	35	8.155	0.018	1.8	0.0053	0.0000OK	5.007	63	1.5	0.087	0.001	2.0127
60 minute summer	63	62	7.934	0.098	3.5	0.0335	0.0000OK	5.008	63_OUT	0.8	0.028	0.003	2.1257
								Infiltration		0.2			
60 minute summer	63_OUT	61	7.935	0.170	1.7	0.0577	0.0000OK	Infiltration		0.2			
60 minute summer	64	61	8.240	0.055	0.8	0.0058	0.0000OK	8.000	65	0.8	0.055	0.003	0.5293
60 minute summer	65	61	8.240	0.115	1.8	0.0184	0.0000OK	8.001	66	-0.5	0.050	0.000	0.9976
								Infiltration		0.1			
60 minute summer	66	61	8.240	0.147	1.2	0.0232	0.0000OK	8.002	67	-0.4	0.023	0.003	0.8483
								Infiltration		0.1			
60 minute summer	67	61	8.240	0.184	0.8	0.0254	0.0000OK	8.003	68	0.0	0.000	0.003	0.0000
								Infiltration		0.1			
60 minute summer	68	33	8.690	0.010	0.8	0.0015	0.0000OK	8.004	69	0.8	0.041	0.003	1.3338
60 minute summer	69	62	5.909	0.144	1.8	0.0231	0.0000OK	8.005	70	0.0	0.000	0.003	0.0000
								Infiltration		0.1			
60 minute summer	70	61	5.777	0.022	0.8	0.0035	0.0000OK	8.006	71	0.8	0.064	0.003	0.3037
60 minute summer	71	61	5.777	0.092	1.8	0.0147	0.0000OK	8.007	72	0.3	0.011	0.003	1.3395
								Infiltration		0.1			
60 minute summer	72	60	5.777	0.092	1.1	0.0147	0.0000OK	8.008	73	0.0	0.000	0.003	0.0000
								Infiltration		0.2			
60 minute summer	73	61	5.838	0.133	0.8	0.0213	0.0000OK	8.009	74	0.3	0.028	0.003	0.5038
60 minute summer	74	61	5.838	0.133	1.1	0.0213	0.0000OK	8.010	75	0.4	0.060	0.003	0.5708
								Infiltration		0.1			
60 minute summer	75	61	5.838	0.133	1.0	0.0213	0.0000OK	8.011	76	0.8	0.039	0.003	0.7345
								Infiltration		0.1			
60 minute summer	76	61	5.838	0.203	1.1	0.0309	0.0000OK	8.012	76_OUT	-0.2	0.008	0.003	0.5856
								Infiltration		0.1			
60 minute summer	76_OUT	61	5.838	0.203	0.8	0.0325	0.0000OK	Infiltration		0.1			

Results for 2 year 60 minute winter, 300 minute analysis at 1 minute timestep, Mass balance: 85.87%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
60 minute winter	1	52	9.630	0.330	2.9	0.0000	0.0000	FLOOD RISK	1.000	2	-2.9	-0.296	-0.131	0.4653	
60 minute winter	2	52	9.636	0.368	11.1	0.0000	0.0000	FLOOD RISK	1.001	3	-11.1	-0.369	-0.556	1.1264	
60 minute winter	3	52	9.625	0.476	12.6	0.0000	0.0000	FLOOD RISK	1.002	4	-12.6	-0.569	-0.596	0.4986	
60 minute winter	4	51	9.629	0.529	13.0	0.0000	0.0000	FLOOD RISK	1.003	5	-13.0	-0.479	-0.632	0.8441	
60 minute winter	5	51	9.631	0.631	16.4	0.0000	0.0000	FLOOD RISK	1.004	6	-16.4	-0.525	-0.439	0.1621	
60 minute winter	6	51	9.630	0.730	32.4	0.0176	0.0000	FLOOD RISK	1.005	7	28.9	1.049	0.596	0.7796	
60 minute winter	7	51	9.625	0.875	60.0	3.5671	0.0000	FLOOD RISK	1.006	8	45.5	1.062	0.648	2.4923	
60 minute winter	8	50	9.620	1.070	79.1	7.3429	0.0000	FLOOD RISK	1.007	9	78.4	1.041	0.725	5.9230	
60 minute winter	9	50	9.615	1.265	133.6	12.2993	0.0000	FLOOD RISK	1.008	10	121.2	0.888	0.553	3.1360	
60 minute winter	10	50	9.642	1.342	141.4	2.3785	0.0000	FLOOD RISK	1.009	11	148.0	1.083	1.002	47.8613	
60 minute winter	11	52	9.622	1.622	159.1	0.0000	0.0000	FLOOD RISK	1.010	12	111.5	0.861	0.387	53.3278	
60 minute winter	12	32	7.750	1.000	111.5	0.0000	0.0000	FLOOD RISK	1.011	13	34.4	0.277	0.175	0.2565	
60 minute winter	13	53	9.557	0.057	34.4	0.0000	0.0000	OK	1.012	13_OUT	34.1	2.868	0.028	0.0727	
60 minute winter	13_OUT	53	7.661	0.128	34.1	0.0000	0.0000	OK	Flow through pond	49	74.6	0.058	0.000	208.3816	
60 minute winter	14	40	9.800	0.500	4.2	0.0000	0.0000	FLOOD RISK	2.000	15	-4.2	-0.189	-0.139	0.8136	
60 minute winter	15	40	9.800	0.714	51.1	5.8283	0.0000	FLOOD RISK	2.001	16	-33.9	0.989	-0.699	0.9254	
60 minute winter	16	41	9.800	0.808	61.5	0.0000	0.0000	FLOOD RISK	2.002	17	-41.1	0.994	-0.834	0.6320	
60 minute winter	17	41	9.799	0.940	33.5	2.9163	0.0000	FLOOD RISK	2.003	18	33.4	1.005	0.427	1.6750	
60 minute winter	18	41	9.798	1.117	88.5	7.0278	0.0000	FLOOD RISK	2.004	19	60.5	1.085	0.480	5.4890	
60 minute winter	19	41	9.799	1.343	107.6	12.1095	0.0000	FLOOD RISK	2.005	20	107.6	1.157	0.546	4.0628	
60 minute winter	20	40	9.784	1.373	107.6	0.0000	0.0000	FLOOD RISK	2.006	21	112.6	1.702	0.568	3.4979	
60 minute winter	21	41	9.789	1.397	112.6	0.0000	0.0000	FLOOD RISK	2.007	22	108.3	1.568	0.152	3.7404	
60 minute winter	22	41	9.752	1.752	138.9	7.6096	0.0000	FLOOD RISK	2.008	23	103.3	0.920	0.358	53.3017	
60 minute winter	23	29	7.750	1.000	103.3	0.0000	0.0000	FLOOD RISK	2.009	24	85.8	0.651	0.437	0.2702	
60 minute winter	24	42	9.588	0.088	85.8	0.0000	0.0000	OK	2.010	24_OUT	86.1	3.726	0.070	0.1382	
60 minute winter	24_OUT	42	7.772	0.229	86.1	0.0000	0.0000	OK	Flow through pond	49	74.6	0.058	0.000	208.3816	
60 minute winter	25	34	8.834	0.038	2.5	0.0242	0.0000	OK	3.000	26	2.5	0.548	0.139	0.1648	
60 minute winter	26	34	8.480	0.055	5.0	0.1675	0.0000	OK	3.001	27	4.5	0.749	0.286	0.2429	
									Infiltration		0.4				
60 minute winter	27	34	8.173	0.058	7.0	0.2262	0.0000	OK	3.002	28	6.4	0.969	0.316	0.2145	
									Infiltration		0.6				
60 minute winter	28	35	7.757	0.082	8.9	0.1711	0.0000	OK	3.003	29	8.4	1.129	0.356	0.2856	
									Infiltration		0.4				
60 minute winter	29	35	7.135	0.070	10.9	0.1681	0.0000	OK	3.004	30	10.5	1.379	0.376	0.0515	
									Infiltration		0.4				
60 minute winter	30	35	6.880	0.055	10.9	0.0967	0.0000	OK	3.005	31	10.9	0.186	0.005	1.2547	
60 minute winter	31	45	6.856	0.161	11.3	0.0193	0.0000	OK	3.006	32	9.8	0.128	0.006	1.7830	
									Infiltration		1.2				

60 minute winter	32	45	6.856	0.211	10.2	0.0253	0.0000OK	3.007	33	8.2	0.097	0.005	1.3693
								Infiltration		1.0			
								Infiltration		1.1			
60 minute winter	33	45	6.856	0.081	8.6	0.0097	0.0000OK	3.008	34	8.6	0.261	0.006	0.7534
60 minute winter	34	46	6.855	0.110	9.0	0.0132	0.0000OK	3.009	35	7.4	0.297	0.003	0.9363
								Infiltration		0.8			
60 minute winter	35	45	6.856	0.181	7.8	0.0217	0.0000OK	3.010	36	6.0	0.071	0.002	2.6934
								Infiltration		0.7			
60 minute winter	36	45	6.855	0.250	6.4	0.0399	0.0000OK	3.011	37	0.0	0.000	0.000	0.0000
								Infiltration		1.2			
60 minute winter	37	34	6.512	0.007	0.5	0.0009	0.0000OK	3.012	38	0.5	0.043	0.000	1.3701
60 minute winter	38	44	6.445	0.160	3.5	0.0216	0.0000OK	3.013	39	-2.5	-0.075	-0.002	0.9128
								Infiltration		0.8			
								Infiltration		1.0			
60 minute winter	39	34	6.474	0.019	2.6	0.0022	0.0000OK	3.014	40	-2.1	-0.241	-0.001	0.1220
								Infiltration		0.0			
60 minute winter	40	34	6.711	0.016	2.2	0.0019	0.0000OK	3.015	41	-1.7	-0.215	-0.001	0.1024
								Infiltration		0.0			
60 minute winter	41	34	6.880	0.015	1.7	0.0018	0.0000OK	3.016	42	-1.2	-0.180	-0.001	0.0892
								Infiltration		0.0			
60 minute winter	42	34	7.096	0.011	1.3	0.0013	0.0000OK	3.017	43	-0.8	-0.119	-0.001	0.0843
								Infiltration		0.0			
60 minute winter	43	34	7.159	0.014	0.8	0.0016	0.0000OK	3.018	44	-0.3	-0.059	0.000	0.0662
								Infiltration		0.0			
60 minute winter	44	34	7.232	0.007	0.5	0.0008	0.0000OK	3.019	45	0.2	0.043	0.000	0.0538
60 minute winter	45	34	7.256	0.011	0.7	0.0013	0.0000OK	3.020	46	0.7	0.112	0.000	0.0767
								Infiltration		0.0			
60 minute winter	46	34	7.137	0.012	1.2	0.0014	0.0000OK	3.021	47	1.1	0.163	0.000	0.0953
								Infiltration		0.0			
60 minute winter	47	34	6.980	0.015	1.6	0.0017	0.0000OK	3.022	48	1.6	0.115	0.000	0.1988
								Infiltration		0.0			
60 minute winter	48	35	6.833	0.038	2.1	0.0045	0.0000OK	3.023	53	1.9	0.131	0.002	0.2080
								Infiltration		0.0			
60 minute winter	49	66	7.541	-0.459	108.3	0.0003	0.0000OK	Office	50	0.0			
								Infiltration		0.0			
60 minute winter	50	1	7.400	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
60 minute winter	51	1	7.300	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
60 minute winter	52	1	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
60 minute winter	53	35	6.804	0.019	2.4	0.0022	0.0000OK	3.024	54	2.3	0.170	0.001	0.8234
								Infiltration		0.1			
60 minute winter	54	61	6.794	0.159	2.8	0.0203	0.0000OK	3.025	54_OUT	1.5	0.037	0.001	2.5436
								Infiltration		0.2			
60 minute winter	54_OUT	60	6.784	0.259	2.0	0.0347	0.0000OK	Infiltration		0.3			

60 minute winter	55	31	8.488	0.042	1.3	0.0144	0.0000OK	5.000	56	1.3	0.313	0.176	0.0705
60 minute winter	56	35	8.460	0.044	2.6	0.1503	0.0000OK	5.001	57	2.4	0.403	0.193	0.1283
								Infiltration		0.2			
60 minute winter	57	35	8.379	0.059	3.7	0.1482	0.0000OK	5.002	58	3.5	0.404	0.439	0.2747
								Infiltration		0.2			
60 minute winter	58	36	8.327	0.082	4.8	0.4377	0.0000OK	5.003	59	4.3	0.474	0.578	0.2821
								Infiltration		0.4			
60 minute winter	59	54	8.321	0.116	5.5	0.6009	0.0000OK	5.004	60	3.7	0.111	0.006	2.7378
								Infiltration		0.3			
60 minute winter	60	55	8.321	0.136	5.0	0.0463	0.0000OK	5.005	61	1.7	0.062	0.002	4.8503
								Infiltration		0.3			
60 minute winter	61	55	8.321	0.165	2.8	0.0636	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.5			
60 minute winter	62	35	8.153	0.017	1.3	0.0058	0.0000OK	5.007	63	1.3	0.090	0.001	2.3050
60 minute winter	63	61	7.947	0.111	3.0	0.0377	0.0000OK	5.008	63_OUT	0.9	0.031	0.001	2.3644
								Infiltration		0.2			
60 minute winter	63_OUT	60	7.947	0.182	1.8	0.0618	0.0000OK	Infiltration		0.3			
60 minute winter	64	60	6.253	0.068	0.6	0.0108	0.0000OK	5.000	65	0.6	0.062	0.000	0.6188
60 minute winter	65	60	6.253	0.128	1.2	0.0204	0.0000OK	5.001	66	0.4	0.050	0.000	1.1158
								Infiltration		0.1			
60 minute winter	66	60	6.253	0.160	1.0	0.0252	0.0000OK	5.002	67	-0.3	0.023	0.000	0.7132
								Infiltration		0.1			
60 minute winter	67	60	6.283	0.177	0.6	0.0274	0.0000OK	5.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
60 minute winter	68	36	6.084	0.008	0.6	0.0013	0.0000OK	5.004	69	0.6	0.041	0.000	1.4874
60 minute winter	69	61	5.923	0.158	1.2	0.0252	0.0000OK	5.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
60 minute winter	70	60	5.786	0.031	0.6	0.0050	0.0000OK	5.006	71	0.6	0.064	0.000	0.3566
60 minute winter	71	60	5.786	0.101	1.2	0.0162	0.0000OK	5.007	72	0.3	0.011	0.000	1.4970
								Infiltration		0.1			
60 minute winter	72	59	5.786	0.101	0.9	0.0162	0.0000OK	5.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
60 minute winter	73	60	5.854	0.149	0.6	0.0235	0.0000OK	5.009	74	0.3	0.028	0.000	0.5770
60 minute winter	74	60	5.854	0.149	0.9	0.0235	0.0000OK	5.010	75	0.5	0.068	0.000	0.6534
								Infiltration		0.1			
60 minute winter	75	60	5.854	0.149	0.9	0.0238	0.0000OK	5.011	76	0.7	0.039	0.000	0.8205
								Infiltration		0.1			
60 minute winter	76	60	5.854	0.219	1.0	0.0332	0.0000OK	5.012	76_OUT	0.2	0.006	0.000	0.9530
								Infiltration		0.1			
60 minute winter	76_OUT	60	5.854	0.219	0.6	0.0350	0.0000OK	Infiltration		0.1			

Results for 2 year 120 minute summer, 360 minute analysis at 2 minute timestep, Mass balance: 88.82%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute summer	1	78	9.734	0.434	6.9	0.0003	0.0000	FLOOD RISK	1.000	2	-8.9	-0.229	-0.315	0.4853	
120 minute summer	2	78	9.736	0.486	9.5	0.0000	0.0000	FLOOD RISK	1.001	3	-8.5	-0.304	-0.479	1.1264	
120 minute summer	3	76	9.724	0.574	15.5	0.0000	0.0000	FLOOD RISK	1.002	4	-15.5	-0.494	-0.732	0.4988	
120 minute summer	4	76	9.714	0.614	19.5	0.0000	0.0000	FLOOD RISK	1.003	5	-19.5	-0.822	-0.845	0.8441	
120 minute summer	5	76	9.711	0.711	24.1	0.0000	0.0000	FLOOD RISK	1.004	6	-24.1	-0.779	-0.944	0.1621	
120 minute summer	6	76	9.712	0.812	57.8	6.6957	0.0000	FLOOD RISK	1.005	7	-40.1	1.025	-0.828	0.7790	
120 minute summer	7	78	9.709	0.958	41.4	3.9098	0.0000	FLOOD RISK	1.006	8	41.3	1.030	0.588	2.4923	
120 minute summer	8	76	9.699	1.149	100.9	7.8599	0.0000	FLOOD RISK	1.007	9	71.5	1.045	0.661	5.9236	
120 minute summer	9	76	9.687	1.337	121.4	13.0908	0.0000	FLOOD RISK	1.008	10	129.2	0.903	0.507	3.1360	
120 minute summer	10	76	9.714	1.414	129.6	2.5078	0.0000	FLOOD RISK	1.009	11	125.7	0.954	0.850	47.8513	
120 minute summer	11	76	9.668	1.668	126.9	9.0003	0.0000	FLOOD RISK	1.010	12	64.1	0.892	0.223	63.3278	
120 minute summer	12	58	7.750	1.000	84.1	0.0000	0.0000	FLOOD RISK	1.011	13	55.5	0.434	0.282	0.2825	
120 minute summer	13	78	9.571	0.071	55.5	0.0000	0.0000	OK	1.012	13_OUT	55.7	3.274	0.045	0.1019	
120 minute summer	13_OUT	78	7.712	0.179	55.7	0.0000	0.0000	OK	Flow through pond	49	113.3	0.663	0.000	330.1351	
120 minute summer	14	68	9.800	0.500	3.8	0.0000	0.0000	FLOOD RISK	2.000	15	-3.8	-0.121	-0.125	0.8138	
120 minute summer	15	68	9.800	0.714	40.8	6.1294	0.0000	FLOOD RISK	2.001	16	-21.7	0.957	-0.447	0.9254	
120 minute summer	16	68	9.800	0.809	21.9	0.0000	0.0000	FLOOD RISK	2.002	17	-21.9	0.955	-0.444	0.6320	
120 minute summer	17	68	9.800	0.941	29.6	3.0538	0.0000	FLOOD RISK	2.003	18	25.9	0.958	0.389	1.8750	
120 minute summer	18	68	9.800	1.119	53.8	7.3138	0.0000	FLOOD RISK	2.004	19	45.7	0.995	0.363	5.4890	
120 minute summer	19	68	9.800	1.344	84.9	12.4286	0.0000	FLOOD RISK	2.005	20	83.0	1.079	0.421	4.0628	
120 minute summer	20	76	9.800	1.389	83.0	0.0000	0.0000	FLOOD RISK	2.006	21	78.8	1.398	0.398	3.4979	
120 minute summer	21	76	9.800	1.428	76.8	0.0000	0.0000	FLOOD RISK	2.007	22	82.6	1.382	0.139	3.7404	
120 minute summer	22	76	9.793	1.793	107.9	7.7868	0.0000	FLOOD RISK	2.008	23	94.7	0.742	0.329	53.3017	
120 minute summer	23	52	7.750	1.000	94.7	0.0000	0.0000	FLOOD RISK	2.009	24	94.7	0.714	0.483	0.2723	
120 minute summer	24	76	9.592	0.092	94.7	0.0000	0.0000	OK	2.010	24_OUT	94.8	3.830	0.077	0.1481	
120 minute summer	24_OUT	76	7.788	0.255	94.8	0.0000	0.0000	OK	Flow through pond	49	113.3	0.653	0.000	330.1351	
120 minute summer	25	64	8.832	0.038	2.3	9.0232	0.0000	OK	3.000	26	2.3	0.534	0.128	0.1548	
120 minute summer	26	64	8.487	0.952	4.6	0.1538	0.0000	OK	3.001	27	4.1	0.739	0.281	0.2264	
								Infiltration			0.4				
120 minute summer	27	64	8.170	0.055	6.4	0.2050	0.0000	OK	3.002	28	5.8	0.944	0.285	0.1991	
								Infiltration			0.5				
120 minute summer	28	64	7.783	0.658	8.1	0.1548	0.0000	OK	3.003	29	7.6	1.101	0.320	0.2463	
								Infiltration			0.4				
120 minute summer	29	64	7.131	0.096	9.9	0.1508	0.0000	OK	3.004	30	9.4	1.344	0.339	0.0475	
								Infiltration			0.3				
120 minute summer	30	66	8.877	0.052	9.8	0.0063	0.0000	OK	3.005	31	9.8	0.172	0.004	1.1805	
120 minute summer	31	76	8.844	0.149	10.2	0.0178	0.0000	OK	3.006	32	8.7	0.697	0.006	1.6412	
								Infiltration			1.1				

120 minute summer	32	76	8.844	0.198	9.1	0.0238	0.0000OK	3.007	33	7.2	0.088	0.005	1.2399
								Infiltration		0.9			
								Infiltration		1.1			
120 minute summer	33	76	8.844	0.083	7.5	0.0082	0.0000OK	3.008	34	7.5	0.245	0.005	0.8484
120 minute summer	34	76	8.843	0.698	7.9	0.0118	0.0000OK	3.009	35	8.4	0.251	0.000	0.8405
								Infiltration		0.7			
120 minute summer	35	76	8.843	0.163	6.8	0.0201	0.0000OK	3.010	36	5.1	0.002	0.002	2.5352
								Infiltration		0.7			
120 minute summer	36	76	8.843	0.338	5.5	0.0386	0.0000OK	3.011	37	0.0	0.000	0.000	0.0000
								Infiltration		1.2			
120 minute summer	37	66	8.512	0.007	0.4	0.0008	0.0000OK	3.012	38	0.4	0.040	0.000	1.2567
120 minute summer	38	74	8.433	0.166	2.9	0.0202	0.0000OK	3.013	39	-2.1	-0.075	-0.001	0.8372
								Infiltration		0.7			
								Infiltration		1.0			
120 minute summer	39	66	8.472	0.017	2.2	0.0020	0.0000OK	3.014	40	-1.6	-0.224	-0.001	0.1988
								Infiltration		0.0			
120 minute summer	40	66	8.709	0.014	1.8	0.0017	0.0000OK	3.015	41	-1.4	-0.193	-0.001	0.0910
								Infiltration		0.0			
120 minute summer	41	66	8.878	0.013	1.4	0.0016	0.0000OK	3.016	42	-1.0	-0.168	-0.001	0.0764
								Infiltration		0.0			
120 minute summer	42	66	7.695	0.010	1.0	0.0012	0.0000OK	3.017	43	-0.5	-0.116	0.000	0.0748
								Infiltration		0.0			
120 minute summer	43	66	7.157	0.012	0.6	0.0015	0.0000OK	3.018	44	-0.2	-0.054	0.000	0.0584
								Infiltration		0.0			
120 minute summer	44	66	7.231	0.008	0.4	0.0007	0.0000OK	3.019	45	0.2	0.040	0.000	0.0473
120 minute summer	45	66	7.265	0.010	0.6	0.0012	0.0000OK	3.020	46	0.5	0.103	0.000	0.0578
								Infiltration		0.0			
120 minute summer	46	66	7.136	0.011	0.9	0.0013	0.0000OK	3.021	47	0.9	0.151	0.000	0.0845
								Infiltration		0.0			
120 minute summer	47	66	8.978	0.013	1.3	0.0016	0.0000OK	3.022	48	1.3	0.104	0.000	0.1784
								Infiltration		0.0			
120 minute summer	48	66	8.830	0.035	1.7	0.0041	0.0000OK	3.023	49	1.6	0.121	0.000	0.1868
								Infiltration		0.0			
120 minute summer	49	144	7.556	-0.444	130.1	0.0000	0.0000OK	Crifice	50	0.0			
								Infiltration		0.0			
120 minute summer	50	2	7.400	0.003	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
120 minute summer	51	2	7.360	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
120 minute summer	52	2	7.260	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
120 minute summer	53	66	6.802	0.017	2.0	0.0020	0.0000OK	3.024	54	2.0	0.132	0.001	0.8758
								Infiltration		0.0			
120 minute summer	54	104	8.799	0.174	2.4	0.0208	0.0000OK	3.025	54_OUT	0.9	0.037	0.000	2.6248
								Infiltration		0.2			
120 minute summer	54_OUT	104	8.799	0.294	1.3	0.0353	0.0000OK	Infiltration		0.3			

120 minute summer	55	84	8.487	0.041	1.2	0.0138	0.0000OK	5.000	56	1.2	0.305	0.183	0.0863
120 minute summer	56	84	8.458	0.042	2.4	0.1398	0.0000OK	5.001	57	2.2	0.392	0.175	0.1187
								Infiltration		0.2			
120 minute summer	57	60	8.375	0.085	3.4	0.1325	0.0000OK	5.002	58	3.2	0.385	0.383	0.2512
								Infiltration		0.2			
120 minute summer	58	88	8.322	0.077	4.3	0.3992	0.0000OK	5.003	59	3.8	0.434	0.509	0.2857
								Infiltration		0.4			
120 minute summer	59	86	8.322	0.117	4.9	0.6664	0.0000OK	5.004	60	3.0	0.682	0.004	2.7705
								Infiltration		0.3			
120 minute summer	60	86	8.322	0.137	4.1	0.0467	0.0000OK	5.005	61	1.1	0.038	0.001	4.8802
								Infiltration		0.3			
120 minute summer	61	88	8.322	0.186	2.2	0.0634	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.5			
120 minute summer	62	86	8.152	0.018	1.2	0.0954	0.0000OK	5.007	63	1.1	0.681	0.001	2.4585
120 minute summer	63	100	7.953	0.117	2.4	0.0398	0.0000OK	5.008	63_OUT	0.4	0.018	0.000	2.4855
								Infiltration		0.2			
120 minute summer	63_OUT	100	7.953	0.186	1.2	0.0640	0.0000OK	Infiltration		0.3			
120 minute summer	64	120	8.270	0.085	0.8	0.0137	0.0000OK	6.000	65	0.4	0.654	0.000	0.7498
120 minute summer	65	120	8.270	0.145	0.9	0.0232	0.0000OK	6.001	66	0.2	0.648	0.000	1.2873
								Infiltration		0.1			
120 minute summer	66	120	8.270	0.177	0.9	0.0293	0.0000OK	6.002	67	-0.3	0.023	0.000	0.8693
								Infiltration		0.1			
120 minute summer	67	120	8.270	0.194	0.6	0.0301	0.0000OK	6.003	68	0.0	0.600	0.000	0.0000
								Infiltration		0.1			
120 minute summer	68	64	8.084	0.008	0.6	0.0013	0.0000OK	6.004	69	0.9	0.040	0.000	1.7553
120 minute summer	69	120	5.945	0.180	1.2	0.0288	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
120 minute summer	70	120	5.793	0.038	0.6	0.0001	0.0000OK	6.006	71	0.8	0.049	0.000	0.3380
120 minute summer	71	120	5.793	0.108	1.2	0.0173	0.0000OK	6.007	72	0.3	0.011	0.000	1.6206
								Infiltration		0.1			
120 minute summer	72	116	5.793	0.108	0.9	0.0173	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
120 minute summer	73	120	5.883	0.178	0.6	0.0284	0.0000OK	6.009	74	0.2	0.018	0.000	0.7209
120 minute summer	74	120	5.883	0.178	0.8	0.0284	0.0000OK	6.010	75	0.2	0.043	0.000	0.8164
								Infiltration		0.1			
120 minute summer	75	120	5.883	0.178	0.8	0.0284	0.0000OK	6.011	76	0.3	0.038	0.000	0.9538
								Infiltration		0.1			
120 minute summer	76	120	5.883	0.248	0.8	0.0377	0.0000OK	6.012	76_OUT	-0.1	0.008	0.000	1.1236
								Infiltration		0.1			
120 minute summer	76_OUT	120	5.883	0.248	0.6	0.0390	0.0000OK	Infiltration		0.1			

Results for 2 year 120 minute winter, 360 minute analysis at 2 minute timestep, Mass balance: 93.57%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
120 minute winter	1	74	9.800	0.500	5.3	0.0000	0.0000	FLOOD RISK	1.000	2	-5.3	-0.170	-0.242	0.4653	
120 minute winter	2	74	9.803	0.550	13.4	0.0000	0.0000	FLOOD RISK	1.001	3	-13.4	-0.429	-0.875	1.1254	
120 minute winter	3	76	9.803	0.650	17.7	0.0000	0.0000	FLOOD RISK	1.002	4	-17.7	-0.580	-0.835	0.4936	
120 minute winter	4	78	9.803	0.700	20.4	0.0000	0.0000	FLOOD RISK	1.003	5	-20.4	-0.651	-0.585	0.5441	
120 minute winter	5	78	9.803	0.800	22.8	0.0000	0.0000	FLOOD RISK	1.004	6	-22.8	-0.825	-0.610	0.1621	
120 minute winter	6	76	9.800	0.900	57.6	7.5268	0.0000	FLOOD RISK	1.005	7	-38.6	0.980	-0.790	0.7790	
120 minute winter	7	76	9.800	1.050	45.5	4.3050	0.0000	FLOOD RISK	1.006	8	-34.8	0.955	-0.492	2.4923	
120 minute winter	8	76	9.798	1.246	81.1	8.5529	0.0000	FLOOD RISK	1.007	9	55.5	0.998	0.513	5.9230	
120 minute winter	9	76	9.785	1.435	94.0	13.9498	0.0000	FLOOD RISK	1.008	10	92.3	0.868	0.389	3.1380	
120 minute winter	10	76	9.775	1.475	99.6	2.8158	0.0000	FLOOD RISK	1.009	11	99.6	0.920	0.555	47.5613	
120 minute winter	11	76	9.701	1.701	103.8	0.0000	0.0000	FLOOD RISK	1.010	12	71.6	0.745	0.249	53.3278	
120 minute winter	12	52	7.750	1.000	71.8	0.0000	0.0000	FLOOD RISK	1.011	13	71.8	0.551	0.365	0.2650	
120 minute winter	13	76	9.581	0.081	71.8	0.0000	0.0000	OK	1.012	13_OUT	71.8	3.525	0.058	0.1217	
120 minute winter	13_OUT	76	7.745	0.211	71.6	0.0000	0.0000	OK	Flow through pond	49	181.6	0.070	0.000	408.0414	
120 minute winter	14	68	9.800	0.500	3.6	0.0000	0.0000	FLOOD RISK	2.000	15	-3.6	-0.114	-0.118	0.5136	
120 minute winter	15	66	9.800	0.714	25.9	5.9594	0.0000	FLOOD RISK	2.001	16	14.9	0.890	0.308	0.9254	
120 minute winter	16	66	9.800	0.809	35.7	0.0000	0.0000	FLOOD RISK	2.002	17	-35.7	0.890	-0.724	0.8320	
120 minute winter	17	66	9.803	0.941	22.9	2.9927	0.0000	FLOOD RISK	2.003	18	20.7	0.679	0.303	1.8750	
120 minute winter	18	68	9.803	1.119	77.0	7.1244	0.0000	FLOOD RISK	2.004	19	40.9	0.932	0.325	5.4890	
120 minute winter	19	68	9.803	1.344	71.9	12.1402	0.0000	FLOOD RISK	2.005	20	74.0	0.990	0.375	4.0628	
120 minute winter	20	70	9.791	1.380	74.0	0.0000	0.0000	FLOOD RISK	2.006	21	70.7	1.350	0.357	3.4979	
120 minute winter	21	68	9.786	1.414	91.7	0.0000	0.0000	FLOOD RISK	2.007	22	-81.2	1.317	-0.130	3.7404	
120 minute winter	22	68	9.785	1.755	60.5	7.7559	0.0000	FLOOD RISK	2.008	23	91.1	0.783	0.315	53.3017	
120 minute winter	23	48	7.753	1.000	91.1	0.0000	0.0000	FLOOD RISK	2.009	24	91.0	0.687	0.463	0.2714	
120 minute winter	24	68	9.591	0.091	91.0	0.0000	0.0000	OK	2.010	24_OUT	91.0	3.784	0.074	0.1439	
120 minute winter	24_OUT	70	7.781	0.248	91.0	0.0000	0.0000	OK	Flow through pond	49	181.6	0.070	0.000	408.0414	
120 minute winter	25	66	8.827	0.031	1.7	0.0199	0.0000	OK	3.000	26	1.7	0.492	0.095	0.1240	
120 minute winter	26	66	8.480	0.045	3.4	0.1180	0.0000	OK	3.001	27	3.0	0.672	0.192	0.1812	
									Infiltration		0.4				
120 minute winter	27	66	8.162	0.047	4.7	0.1537	0.0000	OK	3.002	28	4.3	0.809	0.212	0.1605	
									Infiltration		0.5				
120 minute winter	28	66	7.745	0.050	6.0	0.1190	0.0000	OK	3.003	29	5.7	1.020	0.240	0.1985	
									Infiltration		0.3				
120 minute winter	29	66	7.121	0.056	7.4	0.1143	0.0000	OK	3.004	30	7.1	1.254	0.255	0.0980	
									Infiltration		0.3				
120 minute winter	30	68	6.863	0.044	7.4	0.0953	0.0000	OK	3.005	31	7.4	0.151	0.003	1.1192	
120 minute winter	31	60	6.843	0.148	7.7	0.0176	0.0000	OK	3.006	32	6.6	0.124	0.004	1.6293	
									Infiltration		1.1				

120 minute winter	32	80	6.843	0.198	6.8	0.0237	0.0000OK	3.007	33	5.8	0.070	0.003	1.2291
								Infiltration		0.9			
								Infiltration		1.1			
120 minute winter	33	82	6.843	0.088	5.3	0.0061	0.0000OK	3.008	34	5.3	0.211	0.004	0.6378
120 minute winter	34	82	6.842	0.097	5.6	0.0117	0.0000OK	3.009	35	4.5	0.228	0.002	0.8343
								Infiltration		0.7			
120 minute winter	35	80	6.842	0.157	4.8	0.0201	0.0000OK	3.010	36	3.5	0.048	0.001	2.5232
								Infiltration		0.7			
120 minute winter	36	82	6.842	0.337	3.6	0.0384	0.0000OK	3.011	37	0.9	0.000	0.000	0.0000
								Infiltration		1.2			
120 minute winter	37	72	6.511	0.008	0.3	0.0007	0.0000OK	3.012	38	0.3	0.040	0.000	1.2995
120 minute winter	38	78	6.436	0.173	2.2	0.0207	0.0000OK	3.013	39	-1.8	-0.075	-0.001	0.8651
								Infiltration		0.8			
								Infiltration		1.0			
120 minute winter	39	72	6.469	0.014	1.6	0.0017	0.0000OK	3.014	40	-1.3	-0.201	-0.001	0.6918
								Infiltration		0.9			
120 minute winter	40	72	6.707	0.012	1.3	0.0014	0.0000OK	3.015	41	-1.0	-0.179	-0.001	0.0765
								Infiltration		0.0			
120 minute winter	41	70	6.878	0.011	1.1	0.0013	0.0000OK	3.016	42	-0.8	-0.151	-0.001	0.0642
								Infiltration		0.0			
120 minute winter	42	68	7.693	0.008	0.8	0.0016	0.0000OK	3.017	43	-0.5	-0.099	0.000	0.0627
								Infiltration		0.0			
120 minute winter	43	69	7.153	0.010	0.5	0.0012	0.0000OK	3.018	44	-0.2	-0.049	0.000	0.0491
								Infiltration		0.0			
120 minute winter	44	70	7.233	0.005	0.3	0.0006	0.0000OK	3.019	45	0.1	0.035	0.000	0.0398
120 minute winter	45	72	7.203	0.008	0.4	0.0016	0.0000OK	3.020	46	0.4	0.082	0.000	0.0587
								Infiltration		0.0			
120 minute winter	46	72	7.134	0.009	0.7	0.0011	0.0000OK	3.021	47	0.7	0.135	0.000	0.0708
								Infiltration		0.0			
120 minute winter	47	72	6.978	0.011	1.0	0.0013	0.0000OK	3.022	48	1.0	0.091	0.000	0.1535
								Infiltration		0.0			
120 minute winter	48	74	6.825	0.030	1.3	0.0036	0.0000OK	3.023	53	1.2	0.107	0.002	0.2184
								Infiltration		0.0			
120 minute winter	49	138	7.565	-0.435	175.1	0.0000	0.0000OK	Office	50	0.0			
								Infiltration		0.0			
120 minute winter	50	2	7.403	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
120 minute winter	51	2	7.300	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
120 minute winter	52	2	7.206	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
120 minute winter	53	114	6.825	0.035	1.5	0.0041	0.0000OK	3.024	54	1.5	0.117	0.000	1.0778
								Infiltration		0.1			
120 minute winter	54	114	6.820	0.195	1.8	0.0233	0.0000OK	3.025	54_OUT	0.7	0.037	0.000	2.9259
								Infiltration		0.2			
120 minute winter	54_OUT	114	6.835	0.315	1.0	0.0377	0.0000OK	Infiltration		0.3			

120 minute winter	55	60	8.481	0.035	0.8	0.0118	0.0000OK	5.000	56	0.8	0.280	0.132	0.0540
120 minute winter	56	68	8.453	0.037	1.8	0.1120	0.0000OK	5.001	57	1.7	0.380	0.132	0.0981
								Infiltration		0.1			
120 minute winter	57	68	8.308	0.056	2.6	0.1024	0.0000OK	5.002	58	2.4	0.367	0.302	0.2381
								Infiltration		0.1			
120 minute winter	58	90	8.340	0.095	3.3	0.5518	0.0000OK	5.003	59	2.9	0.396	0.388	0.3168
								Infiltration		0.4			
120 minute winter	59	92	8.341	0.138	3.8	0.7201	0.0000OK	5.004	60	2.3	0.076	0.003	1.2536
								Infiltration		0.3			
120 minute winter	60	92	8.341	0.150	3.2	0.0528	0.0000OK	5.005	61	0.9	0.042	0.001	5.5928
								Infiltration		0.4			
120 minute winter	61	92	8.341	0.205	1.7	0.0808	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.5			
120 minute winter	62	68	8.153	0.014	0.9	0.0047	0.0000OK	5.007	63	0.9	0.059	0.000	2.9112
120 minute winter	63	114	7.972	0.130	1.9	0.0402	0.0000OK	5.008	63_OUT	0.4	0.024	0.000	2.5740
								Infiltration		0.3			
120 minute winter	63_OUT	114	7.972	0.207	1.0	0.0704	0.0000OK	Infiltration		0.3			
120 minute winter	64	118	6.281	0.090	0.4	0.0154	0.0000OK	6.000	65	0.4	0.054	0.000	0.8334
120 minute winter	65	118	6.281	0.156	0.6	0.0250	0.0000OK	6.001	66	0.2	0.048	0.000	1.3858
								Infiltration		0.1			
120 minute winter	66	118	6.281	0.188	0.5	0.0297	0.0000OK	6.002	67	-0.2	0.020	0.000	0.8698
								Infiltration		0.1			
120 minute winter	67	118	6.281	0.255	0.4	0.0318	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
120 minute winter	68	70	6.083	0.007	0.4	0.0010	0.0000OK	6.004	69	0.4	0.040	0.000	1.0849
120 minute winter	69	118	5.950	0.101	0.8	0.0305	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
120 minute winter	70	90	5.802	0.047	0.4	0.0075	0.0000OK	6.006	71	0.4	0.049	0.000	0.4470
120 minute winter	71	90	5.802	0.117	0.8	0.0187	0.0000OK	6.007	72	0.2	0.011	0.000	1.7675
								Infiltration		0.1			
120 minute winter	72	84	5.802	0.117	0.5	0.0187	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
120 minute winter	73	118	5.896	0.191	0.4	0.0305	0.0000OK	6.009	74	0.2	0.016	0.000	0.7877
120 minute winter	74	118	5.896	0.191	0.6	0.0305	0.0000OK	6.010	75	0.2	0.043	0.000	0.8921
								Infiltration		0.1			
120 minute winter	75	118	5.898	0.191	0.5	0.0305	0.0000OK	6.011	76	0.3	0.038	0.000	1.0677
								Infiltration		0.1			
120 minute winter	76	118	5.896	0.251	0.5	0.0398	0.0000OK	6.012	76_OUT	0.1	0.006	0.000	1.2022
								Infiltration		0.1			
120 minute winter	76_OUT	118	5.898	0.281	0.4	0.0417	0.0000OK	Infiltration		0.1			

Results for 2 year 180 minute summer, 420 minute analysis at 4 minute timestep, Mass balance: 88.21%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute summer	1	104	9.788	0.488	0.1	0.0003	0.0000	FLOOD RISK	1.000	2	1.0	0.033	0.047	0.4853	
180 minute summer	2	104	9.784	0.534	4.2	0.0500	0.0000	FLOOD RISK	1.001	3	-4.2	-0.209	-0.209	1.1264	
180 minute summer	3	104	9.779	0.628	19.2	0.0500	0.0000	FLOOD RISK	1.002	4	-19.2	-0.517	-0.704	0.4998	
180 minute summer	4	104	9.773	0.673	20.8	0.0000	0.0000	FLOOD RISK	1.003	5	-20.8	-0.853	-0.901	0.8441	
180 minute summer	5	104	9.774	0.774	23.1	0.0000	0.0000	FLOOD RISK	1.004	6	-23.1	-0.737	-0.817	0.1621	
180 minute summer	6	104	9.775	0.875	39.9	7.2135	0.0000	FLOOD RISK	1.005	7	-22.6	0.983	-0.486	0.7790	
180 minute summer	7	104	9.785	1.015	32.9	4.1371	0.0000	FLOOD RISK	1.006	8	32.0	0.943	0.456	2.4923	
180 minute summer	8	104	9.758	1.208	95.7	8.2594	0.0000	FLOOD RISK	1.007	9	52.8	0.987	0.488	5.9230	
180 minute summer	9	104	9.750	1.403	91.8	13.6109	0.0000	FLOOD RISK	1.008	10	99.2	0.894	0.381	3.1380	
180 minute summer	10	104	9.755	1.455	97.6	2.5795	0.0000	FLOOD RISK	1.009	11	89.6	0.823	0.000	47.8513	
180 minute summer	11	108	9.681	1.681	89.8	0.0000	0.0000	FLOOD RISK	1.010	12	68.5	0.632	0.231	53.3278	
180 minute summer	12	78	7.750	1.000	85.6	0.0000	0.0000	FLOOD RISK	1.011	13	65.6	0.515	0.339	0.2853	
180 minute summer	13	108	9.578	0.078	86.6	0.0000	0.0000	OK	1.012	13_OUT	65.6	3.453	0.054	0.1156	
180 minute summer	13_OUT	108	7.735	0.202	68.6	0.0000	0.0000	OK	Flow through pond	49	179.0	0.688	0.000	442.9538	
180 minute summer	14	100	9.800	0.500	1.8	0.0000	0.0000	FLOOD RISK	2.000	15	-1.8	-0.056	-0.058	0.8138	
180 minute summer	15	96	9.800	0.714	33.2	5.8821	0.0000	FLOOD RISK	2.001	16	-17.5	0.854	-0.381	0.9254	
180 minute summer	16	96	9.800	0.809	17.8	0.0000	0.0000	FLOOD RISK	2.002	17	-17.6	0.851	-0.381	0.6320	
180 minute summer	17	96	9.800	0.941	22.2	2.9553	0.0000	FLOOD RISK	2.003	18	23.2	0.650	0.297	1.8750	
180 minute summer	18	96	9.800	1.119	39.6	7.0503	0.0000	FLOOD RISK	2.004	19	41.1	0.683	0.327	5.4890	
180 minute summer	19	96	9.790	1.334	69.4	12.0295	0.0000	FLOOD RISK	2.005	20	71.7	0.929	0.364	4.0628	
180 minute summer	20	100	9.779	1.368	71.7	0.0000	0.0000	FLOOD RISK	2.006	21	70.9	1.298	0.357	3.4979	
180 minute summer	21	100	9.775	1.403	70.6	0.0000	0.0000	FLOOD RISK	2.007	22	71.5	1.189	0.120	3.7404	
180 minute summer	22	100	9.775	1.775	89.8	7.7168	0.0000	FLOOD RISK	2.008	23	95.9	0.680	0.316	53.3017	
180 minute summer	23	72	7.750	1.000	90.9	0.0000	0.0000	FLOOD RISK	2.009	24	91.0	0.687	0.483	0.2714	
180 minute summer	24	100	9.590	0.090	91.0	0.0000	0.0000	OK	2.010	24_OUT	91.0	3.784	0.074	0.1440	
180 minute summer	24_OUT	100	7.781	0.248	81.0	0.0000	0.0000	OK	Flow through pond	49	170.0	0.056	0.000	442.9538	
180 minute summer	25	96	8.828	0.032	1.8	0.0205	0.0000	OK	3.000	26	1.8	0.501	0.100	0.1293	
180 minute summer	26	96	8.481	0.946	3.6	0.1223	0.0000	OK	3.001	27	3.2	0.682	0.204	0.1892	
180 minute summer	27	96	8.163	0.048	5.0	0.1825	0.0000	OK	Infiltration		28	0.4	0.225	0.1673	
												0.5			
180 minute summer	28	96	7.748	0.651	6.3	0.1250	0.0000	OK	Infiltration		29	8.0	0.250	0.2568	
												0.3			
180 minute summer	29	96	7.122	0.057	7.8	0.1203	0.0000	OK	Infiltration		30	7.5	0.289	0.0398	
												0.3			
180 minute summer	30	96	8.670	0.045	7.8	0.0054	0.0000	OK	3.005	31	7.7	0.151	0.003	1.0589	
180 minute summer	31	108	8.831	0.138	8.0	0.0183	0.0000	OK	3.006	32	8.7	0.088	0.034	1.4849	
											Infiltration				
													1.1		

180 minute summer	32	108	8.830	0.185	7.0	0.0223	0.0000OK	3.007	33	5.3	0.072	0.004	1.0978
								Infiltration		0.9			
								Infiltration		1.0			
180 minute summer	33	108	8.830	0.055	5.6	0.0066	0.0000OK	3.008	34	5.7	0.213	0.004	0.5252
180 minute summer	34	108	8.829	0.684	8.0	0.0103	0.0000OK	3.009	35	4.5	0.233	0.002	0.7358
								Infiltration		0.7			
180 minute summer	35	108	8.829	0.154	4.8	0.0185	0.0000OK	3.010	36	3.7	0.051	0.001	2.0521
								Infiltration		0.6			
180 minute summer	36	108	8.828	0.323	4.0	0.0369	0.0000OK	3.011	37	0.0	0.000	0.000	0.0000
								Infiltration		1.2			
180 minute summer	37	108	8.511	0.008	0.3	0.0007	0.0000OK	3.012	38	0.3	0.034	0.000	1.1430
180 minute summer	38	108	8.421	0.156	2.2	0.0187	0.0000OK	3.013	39	-1.8	-0.075	-0.001	0.7812
								Infiltration		0.7			
								Infiltration		0.9			
180 minute summer	39	100	8.469	0.014	1.8	0.0017	0.0000OK	3.014	40	-1.3	-0.201	-0.001	0.0918
								Infiltration		0.0			
180 minute summer	40	100	8.707	0.012	1.3	0.0014	0.0000OK	3.015	41	-1.0	-0.179	-0.001	0.0765
								Infiltration		0.0			
180 minute summer	41	100	8.878	0.011	1.1	0.0013	0.0000OK	3.016	42	-0.8	-0.151	-0.001	0.0642
								Infiltration		0.0			
180 minute summer	42	100	7.093	0.008	0.8	0.0010	0.0000OK	3.017	43	-0.5	-0.099	0.000	0.0627
								Infiltration		0.0			
180 minute summer	43	100	7.155	0.010	0.5	0.0012	0.0000OK	3.018	44	-0.2	-0.048	0.000	0.0491
								Infiltration		0.0			
180 minute summer	44	100	7.230	0.005	0.3	0.0006	0.0000OK	3.019	45	0.1	0.035	0.000	0.0398
180 minute summer	45	100	7.203	0.008	0.4	0.0010	0.0000OK	3.020	46	0.4	0.092	0.000	0.0507
								Infiltration		0.0			
180 minute summer	46	100	7.134	0.008	0.7	0.0011	0.0000OK	3.021	47	0.7	0.135	0.000	0.0708
								Infiltration		0.0			
180 minute summer	47	100	8.978	0.011	1.0	0.0013	0.0000OK	3.022	48	1.0	0.091	0.000	0.1534
								Infiltration		0.0			
180 minute summer	48	100	8.825	0.030	1.3	0.0036	0.0000OK	3.023	49	1.2	0.107	0.002	0.1609
								Infiltration		0.0			
180 minute summer	49	212	7.569	-0.431	175.4	0.0000	0.0000OK	Crifice	50	0.0			
								Infiltration		0.0			
180 minute summer	50	4	7.400	0.003	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
180 minute summer	51	4	7.360	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
180 minute summer	52	4	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
180 minute summer	53	100	6.799	0.014	1.5	0.0017	0.0000OK	3.024	54	1.5	0.117	0.000	0.8716
								Infiltration		0.0			
180 minute summer	54	140	8.799	0.174	1.8	0.0208	0.0000OK	3.025	54_OUT	0.0	0.037	0.000	2.6193
								Infiltration		0.2			
180 minute summer	54_OUT	140	8.799	0.294	1.1	0.0353	0.0000OK	Infiltration		0.3			

180 minute summer	55	98	8.481	0.035	0.9	0.0118	0.0000OK	5.000	56	0.9	0.288	0.122	0.0539
180 minute summer	56	98	8.453	0.037	1.8	0.1117	0.0000OK	5.001	57	1.7	0.358	0.132	0.0976
								Infiltration		0.1			
180 minute summer	57	98	8.368	0.058	2.5	0.1015	0.0000OK	5.002	58	2.4	0.397	0.299	0.2031
								Infiltration		0.1			
180 minute summer	58	124	8.326	0.081	3.3	0.4293	0.0000OK	5.003	59	2.9	0.393	0.386	0.2766
								Infiltration		0.4			
180 minute summer	59	124	8.325	0.121	3.6	0.6300	0.0000OK	5.004	60	2.2	0.608	0.003	2.8663
								Infiltration		0.3			
180 minute summer	60	124	8.328	0.141	3.1	0.0478	0.0000OK	5.005	61	0.8	0.031	0.001	5.0304
								Infiltration		0.3			
180 minute summer	61	124	8.325	0.190	1.7	0.0648	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.5			
180 minute summer	62	98	8.150	0.014	0.9	0.0948	0.0000OK	5.007	63	0.9	0.653	0.000	2.6419
180 minute summer	63	132	7.961	0.125	1.9	0.0425	0.0000OK	5.008	63_OUT	0.3	0.018	0.000	2.6454
								Infiltration		0.3			
180 minute summer	63_OUT	138	7.981	0.196	0.9	0.0668	0.0000OK	Infiltration		0.3			
180 minute summer	64	156	8.274	0.088	0.4	0.0142	0.0000OK	6.000	65	0.3	0.044	0.000	0.7767
180 minute summer	65	156	8.274	0.148	0.7	0.0238	0.0000OK	6.001	66	-0.2	0.650	0.000	1.3218
								Infiltration		0.1			
180 minute summer	66	156	8.274	0.181	0.6	0.0286	0.0000OK	6.002	67	-0.2	0.023	0.000	0.8280
								Infiltration		0.1			
180 minute summer	67	156	8.274	0.193	0.4	0.0308	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
180 minute summer	68	156	8.083	0.007	0.4	0.0010	0.0000OK	6.004	69	0.4	0.037	0.000	1.8683
180 minute summer	69	156	5.950	0.185	0.8	0.0295	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
180 minute summer	70	152	5.794	0.038	0.4	0.0063	0.0000OK	6.006	71	0.4	0.042	0.000	0.4045
180 minute summer	71	156	5.794	0.108	0.6	0.0175	0.0000OK	6.007	72	0.2	0.011	0.000	1.6407
								Infiltration		0.1			
180 minute summer	72	156	5.794	0.108	0.6	0.0175	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
180 minute summer	73	156	5.886	0.183	0.4	0.0293	0.0000OK	6.009	74	0.2	0.018	0.000	0.7495
180 minute summer	74	156	5.886	0.183	0.6	0.0293	0.0000OK	6.010	75	0.2	0.043	0.000	0.8487
								Infiltration		0.1			
180 minute summer	75	156	5.886	0.183	0.5	0.0293	0.0000OK	6.011	76	0.3	0.034	0.000	1.0229
								Infiltration		0.1			
180 minute summer	76	156	5.886	0.253	0.5	0.0385	0.0000OK	6.012	76_OUT	0.1	-0.007	0.000	1.1573
								Infiltration		0.1			
180 minute summer	76_OUT	156	5.886	0.253	0.4	0.0405	0.0000OK	Infiltration		0.1			

Results for 2 year 180 minute winter, 420 minute analysis at 4 minute timestep, Mass balance: 81.23%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
180 minute winter	1	104	9.800	0.500	2.3	0.0000	0.0000	FLOOD RISK	1.000	2	-2.3	-0.073	-0.104	0.4653	
180 minute winter	2	104	9.803	0.550	3.4	0.0000	0.0000	FLOOD RISK	1.001	3	-3.4	-0.109	-0.170	1.1254	
180 minute winter	3	104	9.803	0.650	11.0	0.0000	0.0000	FLOOD RISK	1.002	4	-11.0	-0.600	-0.521	0.4936	
180 minute winter	4	104	9.803	0.700	18.5	0.0000	0.0000	FLOOD RISK	1.003	5	-18.5	-0.527	-0.718	0.8441	
180 minute winter	5	104	9.803	0.800	18.5	0.0000	0.0000	FLOOD RISK	1.004	6	-18.5	-0.591	-0.494	0.1621	
180 minute winter	6	104	9.800	0.900	29.6	7.5259	0.0000	FLOOD RISK	1.005	7	15.7	0.896	0.334	0.7790	
180 minute winter	7	104	9.800	1.050	24.8	4.2928	0.0000	FLOOD RISK	1.006	8	24.8	0.872	0.351	2.4923	
180 minute winter	8	104	9.788	1.238	48.0	8.5000	0.0000	FLOOD RISK	1.007	9	40.4	0.913	0.373	5.9230	
180 minute winter	9	104	9.773	1.423	89.2	13.8417	0.0000	FLOOD RISK	1.008	10	87.3	0.817	0.284	3.1380	
180 minute winter	10	104	9.771	1.471	72.4	2.8080	0.0000	FLOOD RISK	1.009	11	71.2	0.802	0.482	47.5813	
180 minute winter	11	104	9.703	1.703	71.2	0.0000	0.0000	FLOOD RISK	1.010	12	70.7	0.659	0.248	53.3278	
180 minute winter	12	88	9.750	1.000	70.7	0.0000	0.0000	FLOOD RISK	1.011	13	70.8	0.544	0.360	0.2653	
180 minute winter	13	104	9.580	0.000	70.8	0.0000	0.0000	OK	1.012	13_OUT	70.8	3.508	0.057	0.1206	
180 minute winter	13_OUT	104	7.742	0.209	70.6	0.0000	0.0000	OK	Flow through pond	49	186.7	0.058	0.000	538.7404	
180 minute winter	14	98	9.780	0.480	5.8	0.0000	0.0000	FLOOD RISK	2.000	15	-5.8	-0.280	-0.194	0.8136	
180 minute winter	15	98	9.755	0.680	30.1	5.3096	0.0000	FLOOD RISK	2.001	16	-18.5	0.811	-0.381	0.9254	
180 minute winter	16	98	9.750	0.750	21.7	0.0000	0.0000	FLOOD RISK	2.002	17	-21.7	0.812	-0.441	0.8320	
180 minute winter	17	98	9.747	0.888	23.7	2.7543	0.0000	FLOOD RISK	2.003	18	19.0	0.789	0.243	1.8750	
180 minute winter	18	98	9.741	1.080	42.3	6.6713	0.0000	FLOOD RISK	2.004	19	33.3	0.651	0.264	5.4890	
180 minute winter	19	98	9.731	1.275	59.1	11.4965	0.0000	FLOOD RISK	2.005	20	59.3	0.895	0.301	4.0828	
180 minute winter	20	98	9.728	1.315	59.3	0.0000	0.0000	FLOOD RISK	2.006	21	80.1	1.230	0.304	3.4979	
180 minute winter	21	98	9.723	1.351	60.1	0.0000	0.0000	FLOOD RISK	2.007	22	81.4	1.147	0.103	3.7404	
180 minute winter	22	98	9.721	1.721	78.1	7.4746	0.0000	FLOOD RISK	2.008	23	78.8	0.701	0.266	53.3017	
180 minute winter	23	64	7.750	1.000	78.8	0.0000	0.0000	FLOOD RISK	2.009	24	78.8	0.588	0.391	0.2681	
180 minute winter	24	98	9.583	0.083	78.8	0.0000	0.0000	OK	2.010	24_OUT	78.8	3.598	0.062	0.1278	
180 minute winter	24_OUT	80	7.755	0.221	78.6	0.0000	0.0000	OK	Flow through pond	49	186.7	0.058	0.000	538.7404	
180 minute winter	25	98	8.824	0.028	1.4	0.0181	0.0000	OK	3.000	26	1.4	0.486	0.078	0.1074	
180 minute winter	26	98	8.475	0.040	2.8	0.0988	0.0000	OK	3.001	27	2.5	0.839	0.156	0.1557	
									Infiltration		0.3				
180 minute winter	27	98	8.157	0.042	3.9	0.1263	0.0000	OK	3.002	28	3.5	0.820	0.171	0.1375	
									Infiltration		0.4				
180 minute winter	28	98	7.740	0.045	4.9	0.0985	0.0000	OK	3.003	29	4.6	0.987	0.193	0.1693	
									Infiltration		0.3				
180 minute winter	29	98	7.114	0.049	6.0	0.0939	0.0000	OK	3.004	30	5.7	1.187	0.206	0.0927	
									Infiltration		0.2				
180 minute winter	30	98	6.864	0.039	8.0	0.0047	0.0000	OK	3.005	31	6.0	0.157	0.003	0.9719	
180 minute winter	31	118	6.824	0.129	6.3	0.0155	0.0000	OK	3.006	32	5.2	0.090	0.003	1.4075	
									Infiltration		1.0				

180 minute winter	32	116	6.824	0.179	5.5	0.0214	0.0000OK	3.007	33	3.7	0.056	0.002	1.0264
								Infiltration		0.9			
								Infiltration		1.0			
180 minute winter	33	116	6.823	0.048	3.6	0.0058	0.0000OK	3.008	34	4.0	0.182	0.003	0.4688
180 minute winter	34	116	6.822	0.077	4.2	0.0092	0.0000OK	3.009	35	3.4	0.207	0.001	0.6865
								Infiltration		0.7			
180 minute winter	35	116	6.822	0.147	3.7	0.0178	0.0000OK	3.010	36	2.4	0.038	0.001	2.2951
								Infiltration		0.8			
180 minute winter	36	116	6.822	0.317	2.6	0.0361	0.0000OK	3.011	37	0.0	0.000	0.000	0.0000
								Infiltration		1.1			
180 minute winter	37	96	6.511	0.008	0.3	0.0007	0.0000OK	3.012	38	0.3	0.034	0.000	1.0768
180 minute winter	38	112	6.413	0.148	2.1	0.0178	0.0000OK	3.013	39	-1.5	-0.075	-0.001	0.7158
								Infiltration		0.8			
								Infiltration		0.8			
180 minute winter	39	96	6.409	0.014	1.6	0.0017	0.0000OK	3.014	40	-1.3	-0.189	-0.001	0.5893
								Infiltration		0.9			
180 minute winter	40	96	6.707	0.012	1.3	0.0014	0.0000OK	3.015	41	-1.0	-0.177	-0.001	0.0748
								Infiltration		0.0			
180 minute winter	41	96	6.878	0.011	1.0	0.0013	0.0000OK	3.016	42	-0.7	-0.150	0.000	0.0631
								Infiltration		0.0			
180 minute winter	42	96	7.693	0.008	0.8	0.0016	0.0000OK	3.017	43	-0.5	-0.098	0.000	0.0618
								Infiltration		0.0			
180 minute winter	43	96	7.155	0.010	0.5	0.0012	0.0000OK	3.018	44	-0.2	-0.048	0.000	0.0487
								Infiltration		0.0			
180 minute winter	44	96	7.233	0.005	0.3	0.0006	0.0000OK	3.019	45	0.1	0.035	0.000	0.0394
180 minute winter	45	96	7.203	0.008	0.4	0.0016	0.0000OK	3.020	46	0.4	0.081	0.000	0.0580
								Infiltration		0.0			
180 minute winter	46	96	7.134	0.009	0.7	0.0011	0.0000OK	3.021	47	0.7	0.134	0.000	0.0697
								Infiltration		0.0			
180 minute winter	47	96	6.978	0.011	1.0	0.0013	0.0000OK	3.022	48	0.9	0.091	0.000	0.1485
								Infiltration		0.0			
180 minute winter	48	96	6.824	0.029	1.2	0.0035	0.0000OK	3.023	53	1.2	0.104	0.001	0.1737
								Infiltration		0.0			
180 minute winter	49	188	7.580	-0.420	193.1	0.0000	0.0000OK	Office	50	0.0			
								Infiltration		0.0			
180 minute winter	50	4	7.403	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
180 minute winter	51	4	7.300	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
180 minute winter	52	4	7.206	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
180 minute winter	53	144	6.813	0.028	1.5	0.0034	0.0000OK	3.024	54	1.4	0.117	0.000	1.0134
								Infiltration		0.1			
180 minute winter	54	144	6.813	0.188	1.7	0.0226	0.0000OK	3.025	54_OUT	0.7	0.037	0.000	2.8303
								Infiltration		0.2			
180 minute winter	54_OUT	144	6.813	0.308	1.0	0.0376	0.0000OK	Infiltration		0.3			

180 minute winter	55	96	8.477	0.021	0.7	0.0105	0.0000OK	5.000	56	0.7	0.280	0.095	0.0450
180 minute winter	56	100	8.448	0.032	1.4	0.0898	0.0000OK	5.001	57	1.3	0.334	0.102	0.0812
								Infiltration		0.1			
180 minute winter	57	100	8.358	0.049	2.6	0.0800	0.0000OK	5.002	58	1.8	0.343	0.232	0.2218
								Infiltration		0.1			
180 minute winter	58	132	8.337	0.092	2.8	0.5189	0.0000OK	5.003	59	2.1	0.381	0.290	0.3065
								Infiltration		0.4			
180 minute winter	59	132	8.337	0.132	2.8	0.6951	0.0000OK	5.004	60	1.7	0.087	0.002	3.1477
								Infiltration		0.3			
180 minute winter	60	132	8.337	0.162	2.4	0.0515	0.0000OK	5.005	61	0.6	0.032	0.001	5.4358
								Infiltration		0.3			
180 minute winter	61	132	8.337	0.201	1.3	0.0882	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.5			
180 minute winter	62	100	8.148	0.012	6.7	0.0040	0.0000OK	5.007	63	0.7	0.053	0.000	2.9430
180 minute winter	63	144	7.973	0.137	1.5	0.0466	0.0000OK	5.008	63_OUT	0.3	0.019	0.000	2.5985
								Infiltration		0.3			
180 minute winter	63_OUT	144	7.973	0.208	0.8	0.0708	0.0000OK	Infiltration		0.3			
180 minute winter	64	172	6.295	0.110	0.3	0.0178	0.0000OK	5.009	65	0.3	0.044	0.000	0.9420
180 minute winter	65	172	6.295	0.170	0.6	0.0272	0.0000OK	5.001	66	0.2	0.050	0.000	1.5383
								Infiltration		0.1			
180 minute winter	66	172	6.295	0.202	0.5	0.0319	0.0000OK	5.002	67	0.2	0.020	0.000	0.9481
								Infiltration		0.1			
180 minute winter	67	172	6.295	0.219	0.3	0.0039	0.0000OK	5.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
180 minute winter	68	100	6.082	0.006	0.3	0.0009	0.0000OK	5.004	69	0.3	0.037	0.000	2.0829
180 minute winter	69	172	5.970	0.205	0.6	0.0326	0.0000OK	5.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
180 minute winter	70	128	5.807	0.062	0.3	0.0084	0.0000OK	5.006	71	0.3	0.042	0.000	0.4821
180 minute winter	71	128	5.807	0.122	0.6	0.0196	0.0000OK	5.007	72	0.2	0.011	0.000	1.8703
								Infiltration		0.1			
180 minute winter	72	128	5.807	0.122	0.5	0.0196	0.0000OK	5.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
180 minute winter	73	172	5.918	0.213	0.3	0.0340	0.0000OK	5.009	74	0.1	0.018	0.000	0.0075
180 minute winter	74	172	5.918	0.213	0.4	0.0340	0.0000OK	5.010	75	0.2	0.043	0.000	1.0276
								Infiltration		0.1			
180 minute winter	75	172	5.918	0.213	0.4	0.0340	0.0000OK	5.011	76	0.3	0.034	0.000	1.2072
								Infiltration		0.1			
180 minute winter	76	172	5.918	0.283	0.4	0.0430	0.0000OK	5.012	76_OUT	0.1	0.007	0.000	1.3423
								Infiltration		0.1			
180 minute winter	76_OUT	172	5.918	0.283	0.3	0.0452	0.0000OK	Infiltration		0.1			

Results for 2 year 240 minute summer, 480 minute analysis at 4 minute timestep, Mass balance: 81.18%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute summer	1	138	9.788	0.488	1.5	0.0003	0.0000	FLOOD RISK	1.000	2	-1.5	-0.230	-0.088	0.4853	
240 minute summer	2	138	9.787	0.537	14.1	0.0000	0.0000	FLOOD RISK	1.001	3	-14.1	-0.630	-0.711	1.1264	
240 minute summer	3	132	9.785	0.638	19.2	0.0000	0.0000	FLOOD RISK	1.002	4	-19.2	-0.618	-0.700	0.4988	
240 minute summer	4	132	9.792	0.692	17.3	0.0000	0.0000	FLOOD RISK	1.003	5	-17.3	-0.553	-0.752	0.8441	
240 minute summer	5	132	9.788	0.788	19.3	0.0000	0.0000	FLOOD RISK	1.004	6	-19.3	-0.610	-0.517	0.1621	
240 minute summer	6	132	9.798	0.898	38.2	7.4072	0.0000	FLOOD RISK	1.005	7	-21.6	0.903	-0.445	0.7790	
240 minute summer	7	132	9.794	1.044	32.1	4.2551	0.0000	FLOOD RISK	1.006	8	25.3	0.890	0.380	2.4923	
240 minute summer	8	132	9.788	1.238	44.5	8.4993	0.0000	FLOOD RISK	1.007	9	42.9	0.889	0.396	5.9230	
240 minute summer	9	132	9.778	1.428	74.5	13.8528	0.0000	FLOOD RISK	1.008	10	63.6	0.833	0.268	3.1380	
240 minute summer	10	132	9.770	1.470	68.8	2.0195	0.0000	FLOOD RISK	1.009	11	69.0	0.724	0.467	47.8513	
240 minute summer	11	136	9.690	1.690	69.0	0.0000	0.0000	FLOOD RISK	1.010	12	69.2	0.594	0.240	63.3278	
240 minute summer	12	92	7.750	1.000	89.2	0.0000	0.0000	FLOOD RISK	1.011	13	69.3	0.534	0.353	0.2860	
240 minute summer	13	138	9.579	0.078	89.3	0.0000	0.0000	OK	1.012	13_OUT	69.3	3.492	0.050	0.1189	
240 minute summer	13_OUT	138	7.740	0.207	69.3	0.0000	0.0000	OK	Flow through pond	49	184.7	0.070	0.000	525.7435	
240 minute summer	14	124	9.800	0.500	10.6	0.0000	0.0000	FLOOD RISK	2.000	15	-10.6	-0.337	-0.350	0.8138	
240 minute summer	15	124	9.788	0.702	23.0	5.5815	0.0000	FLOOD RISK	2.001	16	13.6	0.813	0.285	0.9254	
240 minute summer	16	128	9.779	0.788	13.8	0.0000	0.0000	FLOOD RISK	2.002	17	13.9	0.778	0.282	0.6320	
240 minute summer	17	128	9.773	0.914	20.4	2.8370	0.0000	FLOOD RISK	2.003	18	20.4	0.775	0.281	1.8750	
240 minute summer	18	124	9.770	1.088	38.2	8.8531	0.0000	FLOOD RISK	2.004	19	36.7	0.797	0.292	5.4890	
240 minute summer	19	124	9.760	1.304	63.8	11.7590	0.0000	FLOOD RISK	2.005	20	65.1	0.856	0.330	4.0628	
240 minute summer	20	124	9.761	1.350	65.1	0.0000	0.0000	FLOOD RISK	2.006	21	65.3	1.250	0.330	3.4979	
240 minute summer	21	124	9.751	1.378	65.3	0.0000	0.0000	FLOOD RISK	2.007	22	65.3	1.038	0.110	3.7404	
240 minute summer	22	124	9.746	1.746	83.3	7.5848	0.0000	FLOOD RISK	2.008	23	82.8	0.629	0.287	53.3017	
240 minute summer	23	88	7.750	1.000	82.8	0.0000	0.0000	FLOOD RISK	2.009	24	82.8	0.630	0.422	0.2695	
240 minute summer	24	128	9.588	0.088	82.8	0.0000	0.0000	OK	2.010	24_OUT	82.8	3.880	0.007	0.1348	
240 minute summer	24_OUT	128	7.760	0.203	82.8	0.0000	0.0000	OK	Flow through pond	49	184.7	0.070	0.000	525.7435	
240 minute summer	25	124	8.825	0.029	1.5	0.0187	0.0000	OK	3.000	26	1.5	0.475	0.030	0.1117	
240 minute summer	26	124	8.476	0.941	3.0	0.1012	0.0000	OK	3.001	27	2.8	0.045	0.184	0.1809	
								Infiltration			0.3				
240 minute summer	27	124	8.158	0.043	4.1	0.1312	0.0000	OK	3.002	28	3.6	0.829	0.178	0.1414	
								Infiltration			0.4				
240 minute summer	28	128	7.741	0.648	5.1	0.1017	0.0000	OK	3.003	29	4.7	0.977	0.201	0.1740	
								Infiltration			0.3				
240 minute summer	29	128	7.115	0.050	6.2	0.0971	0.0000	OK	3.004	30	5.9	1.199	0.214	0.0336	
								Infiltration			0.2				
240 minute summer	30	128	8.865	0.040	8.2	0.0048	0.0000	OK	3.005	31	8.3	0.156	0.003	0.9927	
240 minute summer	31	128	8.822	0.127	8.6	0.0153	0.0000	OK	3.006	32	5.4	0.088	0.000	1.3901	
								Infiltration			1.0				

240 minute summer	32	128	8.822	0.177	5.7	0.0212	0.0000	OK	3.007	33	3.8	0.057	0.033	1.0655
									Infiltration		0.9			
									Infiltration		1.0			
240 minute summer	33	128	8.820	0.045	4.1	0.0054	0.0000	OK	3.008	34	4.2	0.198	0.003	0.4188
240 minute summer	34	140	8.815	0.670	4.4	0.0084	0.0000	OK	3.009	35	3.9	0.205	0.002	0.6404
									Infiltration		0.7			
240 minute summer	35	140	8.815	0.140	4.2	0.0109	0.0000	OK	3.010	36	2.7	0.044	0.001	2.1896
									Infiltration		0.6			
240 minute summer	36	140	8.815	0.310	3.0	0.0353	0.0000	OK	3.011	37	0.0	0.000	0.000	0.0000
									Infiltration		1.1			
240 minute summer	37	128	8.511	0.008	0.3	0.0007	0.0000	OK	3.012	38	0.3	0.034	0.000	1.1039
240 minute summer	38	138	8.416	0.151	2.2	0.0182	0.0000	OK	3.013	39	-1.8	-0.075	-0.001	0.7357
									Infiltration		0.8			
									Infiltration		0.8			
240 minute summer	39	128	8.469	0.014	1.8	0.0017	0.0000	OK	3.014	40	-1.3	-0.200	-0.001	0.0913
									Infiltration		0.0			
240 minute summer	40	128	8.707	0.012	1.3	0.0014	0.0000	OK	3.015	41	-1.0	-0.178	-0.001	0.0763
									Infiltration		0.0			
240 minute summer	41	128	8.878	0.011	1.0	0.0013	0.0000	OK	3.016	42	-0.7	-0.151	0.000	0.0641
									Infiltration		0.0			
240 minute summer	42	128	7.093	0.608	0.8	0.0019	0.0000	OK	3.017	43	-0.5	-0.099	0.000	0.0628
									Infiltration		0.0			
240 minute summer	43	128	7.155	0.010	0.5	0.0012	0.0000	OK	3.018	44	-0.2	-0.048	0.000	0.0491
									Infiltration		0.0			
240 minute summer	44	128	7.230	0.005	0.3	0.0006	0.0000	OK	3.019	45	0.1	0.035	0.000	0.0398
240 minute summer	45	128	7.203	0.008	0.4	0.0010	0.0000	OK	3.020	46	0.4	0.092	0.000	0.0508
									Infiltration		0.0			
240 minute summer	46	128	7.134	0.008	0.7	0.0011	0.0000	OK	3.021	47	0.7	0.135	0.000	0.0708
									Infiltration		0.0			
240 minute summer	47	128	8.978	0.011	1.0	0.0013	0.0000	OK	3.022	48	1.0	0.091	0.000	0.1527
									Infiltration		0.0			
240 minute summer	48	128	8.825	0.030	1.3	0.0036	0.0000	OK	3.023	49	1.2	0.107	0.002	0.1599
									Infiltration		0.0			
240 minute summer	49	250	7.579	-0.421	184.7	0.0000	0.0000	OK	Crifice	50	0.0			
									Infiltration		0.0			
240 minute summer	50	4	7.400	0.000	0.0	0.0000	0.0000	OK	4.001	51	0.0	0.000	0.000	0.0000
240 minute summer	51	4	7.360	0.000	0.0	0.0000	0.0000	OK	4.002	52	0.0	0.000	0.000	0.0000
240 minute summer	52	4	7.200	0.000	0.0	0.0000	0.0000	OK	4.003	53	0.0	0.000	0.000	0.0000
240 minute summer	53	172	8.805	0.020	1.5	0.0024	0.0000	OK	3.024	54	1.5	0.117	0.000	0.9292
									Infiltration		0.1			
240 minute summer	54	172	8.805	0.180	1.8	0.0216	0.0000	OK	3.025	54_OUT	0.7	0.037	0.000	2.7033
									Infiltration		0.2			
240 minute summer	54_OUT	172	8.865	0.300	1.0	0.0300	0.0000	OK	Infiltration		0.3			

240 minute summer	55	128	8.479	0.033	0.8	0.0112	0.0000OK	5.000	56	0.8	0.272	0.108	0.0495
240 minute summer	56	128	8.450	0.034	1.6	0.1911	0.0000OK	5.001	57	1.5	0.347	0.117	0.0898
								Infiltration		0.1			
240 minute summer	57	128	8.362	0.052	2.3	0.0916	0.0000OK	5.002	58	2.1	0.356	0.257	0.2042
								Infiltration		0.1			
240 minute summer	58	156	8.329	0.084	2.9	0.4518	0.0000OK	5.003	59	2.5	0.388	0.336	0.2847
								Infiltration		0.4			
240 minute summer	59	156	8.329	0.124	3.3	0.6465	0.0000OK	5.004	60	1.9	0.658	0.003	2.9094
								Infiltration		0.3			
240 minute summer	60	156	8.329	0.144	2.7	0.0488	0.0000OK	5.005	61	0.7	0.031	0.001	5.1379
								Infiltration		0.3			
240 minute summer	61	156	8.329	0.193	1.5	0.0655	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.5			
240 minute summer	62	128	8.149	0.013	0.8	0.0944	0.0000OK	5.007	63	0.6	0.644	0.000	2.7883
240 minute summer	63	168	7.967	0.131	1.6	0.0445	0.0000OK	5.008	63_OUT	0.2	0.018	0.000	2.7678
								Infiltration		0.3			
240 minute summer	63_OUT	168	7.967	0.202	0.8	0.0688	0.0000OK	Infiltration		0.3			
240 minute summer	64	168	8.278	0.093	0.4	0.0149	0.0000OK	6.000	65	0.3	0.644	0.000	0.8092
240 minute summer	65	168	8.278	0.153	0.7	0.0245	0.0000OK	6.001	66	0.2	0.650	0.000	1.3640
								Infiltration		0.1			
240 minute summer	66	168	8.278	0.185	0.6	0.0292	0.0000OK	6.002	67	0.2	0.023	0.000	0.8521
								Infiltration		0.1			
240 minute summer	67	168	8.278	0.202	0.4	0.0313	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
240 minute summer	68	128	8.083	0.007	0.4	0.0016	0.0000OK	6.004	69	0.4	0.637	0.000	1.8585
240 minute summer	69	168	5.954	0.189	0.8	0.0302	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
240 minute summer	70	164	5.797	0.042	0.4	0.0067	0.0000OK	6.006	71	0.4	0.042	0.000	0.4203
240 minute summer	71	164	5.797	0.112	0.6	0.0179	0.0000OK	6.007	72	0.2	0.011	0.000	1.6872
								Infiltration		0.1			
240 minute summer	72	168	5.797	0.112	0.6	0.0178	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
240 minute summer	73	168	5.894	0.188	0.4	0.0302	0.0000OK	6.009	74	0.2	0.018	0.000	0.7792
240 minute summer	74	168	5.894	0.188	0.6	0.0302	0.0000OK	6.010	75	0.2	0.043	0.000	0.8824
								Infiltration		0.1			
240 minute summer	75	168	5.894	0.183	0.5	0.0302	0.0000OK	6.011	76	0.3	0.034	0.000	1.0577
								Infiltration		0.1			
240 minute summer	76	168	5.894	0.258	0.5	0.0394	0.0000OK	6.012	76_OUT	0.1	-0.007	0.000	1.1923
								Infiltration		0.1			
240 minute summer	76_OUT	168	5.894	0.258	0.4	0.0414	0.0000OK	Infiltration		0.1			

Results for 2 year 240 minute winter, 480 minute analysis at 4 minute timestep, Mass balance: 81.84%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
240 minute winter	1	132	9.769	0.408	2.9	0.0000	0.0000	FLOOD RISK	1.000	2	-2.9	-0.325	-0.133	0.4653	
240 minute winter	2	132	9.763	0.518	12.3	0.0000	0.0000	FLOOD RISK	1.001	3	-12.3	-0.439	-0.816	1.1254	
240 minute winter	3	132	9.763	0.613	14.4	0.0000	0.0000	FLOOD RISK	1.002	4	-14.4	-0.461	-0.892	0.4936	
240 minute winter	4	132	9.768	0.688	15.5	0.0000	0.0000	FLOOD RISK	1.003	5	-15.5	-0.489	-0.673	0.8441	
240 minute winter	5	132	9.763	0.783	18.8	0.0000	0.0000	FLOOD RISK	1.004	6	-18.8	-0.538	-0.450	0.1621	
240 minute winter	6	132	9.761	0.881	28.5	7.1007	0.0000	FLOOD RISK	1.005	7	-15.3	0.841	-0.310	0.7796	
240 minute winter	7	132	9.756	1.008	22.3	4.1002	0.0000	FLOOD RISK	1.006	8	20.4	0.828	0.290	2.4923	
240 minute winter	8	132	9.748	1.198	34.7	8.2247	0.0000	FLOOD RISK	1.007	9	35.3	0.805	0.326	5.9236	
240 minute winter	9	132	9.738	1.388	59.3	13.4958	0.0000	FLOOD RISK	1.008	10	80.7	0.777	0.258	3.1380	
240 minute winter	10	128	9.740	1.440	65.2	2.5536	0.0000	FLOOD RISK	1.009	11	85.2	0.729	0.441	47.5613	
240 minute winter	11	132	9.677	1.677	65.2	0.0000	0.0000	FLOOD RISK	1.010	12	85.4	0.617	0.227	53.3278	
240 minute winter	12	84	7.750	1.000	65.4	0.0000	0.0000	FLOOD RISK	1.011	13	65.4	0.507	0.333	0.2650	
240 minute winter	13	132	9.577	0.077	65.4	0.0000	0.0000	OK	1.012	13_OUT	65.5	3.435	0.053	0.1142	
240 minute winter	13_OUT	132	7.732	0.199	65.5	0.0000	0.0000	OK	Flow through pond	49	189.9	0.056	0.000	625.4727	
240 minute winter	14	124	9.703	0.403	6.8	0.0000	0.0000	FLOOD RISK	2.000	15	-6.8	-0.324	-0.227	0.8136	
240 minute winter	15	120	9.698	0.612	19.5	4.8506	0.0000	FLOOD RISK	2.001	16	10.7	0.780	0.221	0.9254	
240 minute winter	16	120	9.693	0.702	10.7	0.0000	0.0000	FLOOD RISK	2.002	17	10.7	0.745	0.217	0.8320	
240 minute winter	17	120	9.688	0.830	15.8	2.5743	0.0000	FLOOD RISK	2.003	18	15.8	0.744	0.200	1.8750	
240 minute winter	18	124	9.685	1.094	33.2	6.3140	0.0000	FLOOD RISK	2.004	19	27.8	0.782	0.221	5.4896	
240 minute winter	19	120	9.682	1.226	49.4	11.9524	0.0000	FLOOD RISK	2.005	20	49.3	0.852	0.250	4.0628	
240 minute winter	20	128	9.675	1.284	49.3	0.0000	0.0000	FLOOD RISK	2.006	21	49.5	1.170	0.252	3.4979	
240 minute winter	21	124	9.673	1.301	49.8	0.0000	0.0000	FLOOD RISK	2.007	22	50.0	1.035	0.084	3.7404	
240 minute winter	22	120	9.674	1.674	63.8	7.2721	0.0000	FLOOD RISK	2.008	23	63.9	0.824	0.222	63.3017	
240 minute winter	23	80	7.753	1.000	63.9	0.0000	0.0000	FLOOD RISK	2.009	24	63.9	0.496	0.326	0.2646	
240 minute winter	24	120	9.578	0.078	63.9	0.0000	0.0000	OK	2.010	24_OUT	63.9	3.411	0.052	0.1122	
240 minute winter	24_OUT	120	7.729	0.198	63.9	0.0000	0.0000	OK	Flow through pond	49	189.9	0.056	0.000	625.4727	
240 minute winter	25	124	8.821	0.025	1.1	0.0181	0.0000	OK	3.000	26	1.1	0.438	0.001	0.0699	
240 minute winter	26	124	8.470	0.035	2.2	0.0778	0.0000	OK	3.001	27	1.9	0.594	0.121	0.1262	
240 minute winter	27							Infiltration			0.3				
240 minute winter	27	128	8.152	0.037	3.0	0.0999	0.0000	OK	3.002	28	2.7	0.790	0.131	0.1138	
240 minute winter	28							Infiltration			0.4				
240 minute winter	28	128	7.734	0.039	3.8	0.0787	0.0000	OK	3.003	29	3.5	0.902	0.149	0.1394	
240 minute winter	29							Infiltration			0.2				
240 minute winter	29	132	7.103	0.040	4.8	0.0744	0.0000	OK	3.004	30	4.4	1.109	0.158	0.0270	
240 minute winter	30							Infiltration			0.2				
240 minute winter	30	132	6.858	0.033	4.5	0.0040	0.0000	OK	3.005	31	4.5	0.154	0.002	0.8718	
240 minute winter	31	128	6.811	0.116	4.8	0.0139	0.0000	OK	3.006	32	4.0	0.097	0.002	1.2647	
240 minute winter								Infiltration			0.9				

240 minute winter	32	128	6.811	0.106	4.2	0.0199	0.0000OK	3.007	33	2.5	0.041	0.002	0.8968
								Infiltration		0.8			
								Infiltration		1.0			
240 minute winter	33	128	6.813	0.035	2.7	0.0042	0.0000OK	3.008	34	2.7	0.163	0.002	0.3181
240 minute winter	34	148	6.801	0.058	2.9	0.0036	0.0000OK	3.009	35	2.4	0.192	0.001	0.5448
								Infiltration		0.6			
240 minute winter	35	148	6.801	0.126	2.8	0.0152	0.0000OK	3.010	36	1.8	0.034	0.001	2.0204
								Infiltration		0.8			
240 minute winter	36	148	6.801	0.236	2.6	0.0338	0.0000OK	3.011	37	0.9	0.000	0.000	0.0000
								Infiltration		1.1			
240 minute winter	37	124	6.508	0.004	0.2	0.0005	0.0000OK	3.012	38	0.2	0.034	0.000	1.0088
240 minute winter	38	148	6.405	0.140	1.5	0.0188	0.0000OK	3.013	39	-1.1	-0.075	-0.001	0.8728
								Infiltration		0.8			
								Infiltration		0.8			
240 minute winter	39	124	6.408	0.011	1.1	0.0013	0.0000OK	3.014	40	-0.8	-0.171	-0.001	0.6710
								Infiltration		0.9			
240 minute winter	40	124	6.704	0.009	0.9	0.0011	0.0000OK	3.015	41	-0.7	-0.152	0.000	0.0594
								Infiltration		0.0			
240 minute winter	41	120	6.874	0.009	0.7	0.0010	0.0000OK	3.016	42	-0.5	-0.129	0.000	0.0499
								Infiltration		0.0			
240 minute winter	42	120	7.692	0.007	0.5	0.0008	0.0000OK	3.017	43	-0.3	-0.084	0.000	0.0488
								Infiltration		0.0			
240 minute winter	43	116	7.153	0.008	0.3	0.0010	0.0000OK	3.018	44	-0.1	-0.041	0.000	0.0380
								Infiltration		0.0			
240 minute winter	44	124	7.229	0.004	0.2	0.0005	0.0000OK	3.019	45	0.1	0.030	0.000	0.0309
240 minute winter	45	128	7.201	0.009	0.3	0.0008	0.0000OK	3.020	46	0.3	0.078	0.000	0.0440
								Infiltration		0.0			
240 minute winter	46	132	7.132	0.007	0.5	0.0008	0.0000OK	3.021	47	0.5	0.115	0.000	0.0550
								Infiltration		0.0			
240 minute winter	47	128	6.974	0.008	0.7	0.0010	0.0000OK	3.022	48	0.6	0.077	0.000	0.1222
								Infiltration		0.0			
240 minute winter	48	136	6.820	0.025	0.8	0.0029	0.0000OK	3.023	53	0.9	0.089	0.001	0.1972
								Infiltration		0.0			
240 minute winter	49	264	7.590	-0.410	180.2	0.0000	0.0000OK	Office	50	0.0			
								Infiltration		0.0			
240 minute winter	50	4	7.403	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
240 minute winter	51	4	7.300	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
240 minute winter	52	4	7.208	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
240 minute winter	53	184	6.817	0.032	1.1	0.0038	0.0000OK	3.024	54	1.0	0.117	0.000	1.0478
								Infiltration		0.1			
240 minute winter	54	184	6.817	0.192	1.2	0.0230	0.0000OK	3.025	54_OUT	0.6	0.037	0.000	2.9808
								Infiltration		0.2			
240 minute winter	54_OUT	184	6.817	0.312	0.7	0.0374	0.0000OK	Infiltration		0.3			

240 minute winter	55	120	8.475	0.029	0.8	0.0097	0.0000OK	5.000	56	0.8	0.250	0.001	0.0402
240 minute winter	56	132	8.445	0.030	1.2	0.5778	0.0000OK	5.001	57	1.1	0.320	0.006	0.0720
								Infiltration		0.1			
240 minute winter	57	132	8.355	0.045	1.7	0.0668	0.0000OK	5.002	58	1.5	0.328	0.187	0.2174
								Infiltration		0.1			
240 minute winter	58	172	8.338	0.093	2.2	0.5281	0.0000OK	5.003	59	1.8	0.333	0.242	0.3095
								Infiltration		0.4			
240 minute winter	59	172	8.338	0.133	2.4	0.7025	0.0000OK	5.004	60	1.4	0.063	0.002	3.1797
								Infiltration		0.3			
240 minute winter	60	172	8.338	0.153	2.0	0.0518	0.0000OK	5.005	61	0.5	0.031	0.001	5.4818
								Infiltration		0.4			
240 minute winter	61	172	8.338	0.202	1.1	0.0888	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.5			
240 minute winter	62	132	8.147	0.011	0.6	0.0607	0.0000OK	5.007	63	0.6	0.051	0.000	3.0998
240 minute winter	63	164	7.979	0.143	1.2	0.0467	0.0000OK	5.008	63_OUT	0.3	0.019	0.000	3.6282
								Infiltration		0.3			
240 minute winter	63_OUT	184	7.979	0.214	0.8	0.0728	0.0000OK	Infiltration		0.3			
240 minute winter	64	216	6.302	0.117	0.3	0.0187	0.0000OK	6.000	65	0.2	0.044	0.000	0.9982
240 minute winter	65	216	6.302	0.177	0.5	0.0283	0.0000OK	6.001	66	0.2	0.050	0.000	1.0100
								Infiltration		0.1			
240 minute winter	66	216	6.302	0.209	0.4	0.0336	0.0000OK	6.002	67	0.2	0.020	0.000	0.9891
								Infiltration		0.1			
240 minute winter	67	216	6.302	0.226	0.3	0.0356	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
240 minute winter	68	132	6.082	0.006	0.3	0.0009	0.0000OK	6.004	69	0.3	0.037	0.000	2.1439
240 minute winter	69	216	5.978	0.211	0.5	0.0338	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
240 minute winter	70	164	5.815	0.065	0.3	0.0087	0.0000OK	6.006	71	0.3	0.042	0.000	0.4975
240 minute winter	71	164	5.815	0.125	0.6	0.0200	0.0000OK	6.007	72	0.2	0.011	0.000	1.9159
								Infiltration		0.1			
240 minute winter	72	164	5.815	0.125	0.5	0.0200	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
240 minute winter	73	216	5.928	0.224	0.3	0.0359	0.0000OK	6.009	74	0.2	0.016	0.000	0.9726
240 minute winter	74	216	5.928	0.224	0.5	0.0359	0.0000OK	6.010	75	0.2	0.043	0.000	1.1010
								Infiltration		0.1			
240 minute winter	75	216	5.829	0.224	0.4	0.0358	0.0000OK	6.011	76	0.3	0.034	0.000	1.2828
								Infiltration		0.1			
240 minute winter	76	216	5.928	0.294	0.4	0.0447	0.0000OK	6.012	76_OUT	0.1	0.007	0.000	1.4182
								Infiltration		0.1			
240 minute winter	76_OUT	216	5.929	0.294	0.3	0.0471	0.0000OK	Infiltration		0.1			

Results for 2 year 360 minute summer, 600 minute analysis at 8 minute timestep, Mass balance: 82.18%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute summer	1	192	9.757	0.457	5.1	0.0003	0.0000	FLOOD RISK	1.000	2	-5.1	-0.394	-0.233	0.4853	
360 minute summer	2	192	9.758	0.503	12.2	0.0000	0.0000	FLOOD RISK	1.001	3	-12.2	-0.415	-0.611	1.1264	
360 minute summer	3	192	9.757	0.607	15.2	0.0000	0.0000	FLOOD RISK	1.002	4	-15.2	-0.485	-0.717	0.4988	
360 minute summer	4	192	9.760	0.650	18.7	0.0000	0.0000	FLOOD RISK	1.003	5	-18.7	-0.533	-0.724	0.8441	
360 minute summer	5	192	9.760	0.760	18.3	0.0000	0.0000	FLOOD RISK	1.004	6	-18.3	-0.585	-0.489	0.1621	
360 minute summer	6	192	9.751	0.851	31.7	7.0130	0.0000	FLOOD RISK	1.005	7	-17.9	0.828	-0.389	0.7790	
360 minute summer	7	192	9.744	0.994	22.2	4.0524	0.0000	FLOOD RISK	1.006	8	19.7	0.788	0.281	2.4923	
360 minute summer	8	192	9.738	1.188	33.5	8.1400	0.0000	FLOOD RISK	1.007	9	34.5	0.798	0.319	5.9230	
360 minute summer	9	192	9.728	1.378	57.1	13.3525	0.0000	FLOOD RISK	1.008	10	58.7	0.728	0.248	3.1380	
360 minute summer	10	192	9.722	1.422	63.0	2.5212	0.0000	FLOOD RISK	1.009	11	63.7	0.595	0.431	47.8513	
360 minute summer	11	192	9.671	1.671	63.7	0.0000	0.0000	FLOOD RISK	1.010	12	63.8	0.538	0.221	63.3278	
360 minute summer	12	128	7.750	1.000	63.8	0.0000	0.0000	FLOOD RISK	1.011	13	63.8	0.495	0.325	0.2845	
360 minute summer	13	192	9.575	0.075	63.8	0.0000	0.0000	OK	1.012	13_OUT	63.8	3.409	0.052	0.1122	
360 minute summer	13_OUT	192	7.729	0.198	63.8	0.0000	0.0000	OK	Flow through pond	49	152.2	0.043	0.000	635.6313	
360 minute summer	14	176	9.712	0.412	0.9	0.0000	0.0000	FLOOD RISK	2.000	15	-0.9	-0.028	-0.030	0.8138	
360 minute summer	15	184	9.699	0.613	10.5	4.8819	0.0000	FLOOD RISK	2.001	16	9.9	0.688	0.204	0.9254	
360 minute summer	16	184	9.696	0.705	10.8	0.0000	0.0000	FLOOD RISK	2.002	17	10.0	0.687	0.202	0.6320	
360 minute summer	17	184	9.693	0.834	15.2	2.5807	0.0000	FLOOD RISK	2.003	18	15.2	0.688	0.194	1.8750	
360 minute summer	18	184	9.689	1.008	28.3	8.3423	0.0000	FLOOD RISK	2.004	19	27.6	0.694	0.219	5.4890	
360 minute summer	19	184	9.682	1.228	50.1	11.0560	0.0000	FLOOD RISK	2.005	20	49.1	0.751	0.249	4.0628	
360 minute summer	20	184	9.680	1.269	49.1	0.0000	0.0000	FLOOD RISK	2.006	21	49.2	1.052	0.248	3.4979	
360 minute summer	21	184	9.678	1.306	49.2	0.0000	0.0000	FLOOD RISK	2.007	22	49.2	0.853	0.083	3.7404	
360 minute summer	22	184	9.675	1.675	63.7	7.2779	0.0000	FLOOD RISK	2.008	23	63.8	0.578	0.221	53.3017	
360 minute summer	23	120	7.750	1.000	63.6	0.0000	0.0000	FLOOD RISK	2.009	24	63.6	0.490	0.324	0.2648	
360 minute summer	24	184	9.578	0.078	63.6	0.0000	0.0000	OK	2.010	24_OUT	63.6	3.403	0.051	0.1117	
360 minute summer	24_OUT	184	7.728	0.195	63.6	0.0000	0.0000	OK	Flow through pond	49	152.2	0.043	0.000	635.6313	
360 minute summer	25	184	8.822	0.028	1.2	0.0187	0.0000	OK	3.000	26	1.2	0.447	0.086	0.0943	
360 minute summer	26	184	8.471	0.936	2.4	0.0821	0.0000	OK	3.001	27	2.0	0.605	0.128	0.1345	
								Infiltration			0.3				
360 minute summer	27	184	8.153	0.038	3.2	0.1044	0.0000	OK	3.002	28	2.8	0.772	0.138	0.1178	
								Infiltration			0.4				
360 minute summer	28	184	7.735	0.640	4.0	0.0818	0.0000	OK	3.003	29	3.7	0.913	0.155	0.1442	
								Infiltration			0.3				
360 minute summer	29	184	7.109	0.044	4.9	0.0774	0.0000	OK	3.004	30	4.0	1.122	0.189	0.0278	
								Infiltration			0.2				
360 minute summer	30	184	8.659	0.034	4.8	0.0040	0.0000	OK	3.005	31	4.8	0.141	0.002	0.8708	
360 minute summer	31	192	8.811	0.118	5.0	0.0140	0.0000	OK	3.006	32	3.8	0.083	0.002	1.2568	
								Infiltration			0.9				

360 minute summer	32	192	8.811	0.166	4.0	0.0198	0.0000OK	3.007	33	2.3	0.038	0.000	0.9808
								Infiltration		0.8			
								Infiltration		1.0			
360 minute summer	33	192	8.810	0.035	2.5	0.0042	0.0000OK	3.008	34	2.5	0.155	0.002	0.2218
360 minute summer	34	208	8.781	0.608	2.7	0.0044	0.0000OK	3.009	35	2.5	0.195	0.001	0.4137
								Infiltration		0.4			
360 minute summer	35	208	8.781	0.108	2.7	0.0128	0.0000OK	3.010	36	1.9	0.035	0.001	1.7873
								Infiltration		0.5			
360 minute summer	36	208	8.781	0.278	2.1	0.0315	0.0000OK	3.011	37	0.0	0.000	0.000	0.0000
								Infiltration		1.0			
360 minute summer	37	192	8.509	0.004	0.2	0.0005	0.0000OK	3.012	38	0.2	0.040	0.000	0.9508
360 minute summer	38	200	8.398	0.133	1.5	0.0100	0.0000OK	3.013	39	-1.1	-0.088	-0.001	0.8356
								Infiltration		0.6			
								Infiltration		0.7			
360 minute summer	39	192	8.468	0.011	1.1	0.0013	0.0000OK	3.014	40	-0.9	-0.171	-0.001	0.0710
								Infiltration		0.0			
360 minute summer	40	192	8.704	0.008	0.9	0.0011	0.0000OK	3.015	41	-0.7	-0.152	0.000	0.0594
								Infiltration		0.0			
360 minute summer	41	192	8.874	0.008	0.7	0.0010	0.0000OK	3.016	42	-0.5	-0.128	0.000	0.0499
								Infiltration		0.0			
360 minute summer	42	192	7.092	0.607	0.5	0.0005	0.0000OK	3.017	43	-0.3	-0.084	0.000	0.0488
								Infiltration		0.0			
360 minute summer	43	184	7.153	0.008	0.3	0.0010	0.0000OK	3.018	44	-0.1	-0.041	0.000	0.0383
								Infiltration		0.0			
360 minute summer	44	192	7.229	0.004	0.2	0.0005	0.0000OK	3.019	45	0.1	0.030	0.000	0.0309
360 minute summer	45	192	7.201	0.008	0.3	0.0005	0.0000OK	3.020	46	0.3	0.078	0.000	0.0440
								Infiltration		0.0			
360 minute summer	46	192	7.132	0.007	0.5	0.0008	0.0000OK	3.021	47	0.5	0.115	0.000	0.0550
								Infiltration		0.0			
360 minute summer	47	200	8.974	0.008	0.7	0.0010	0.0000OK	3.022	48	0.6	0.078	0.000	0.1222
								Infiltration		0.0			
360 minute summer	48	200	8.820	0.025	0.8	0.0028	0.0000OK	3.023	49	0.8	0.088	0.001	0.1278
								Infiltration		0.0			
360 minute summer	49	472	7.500	-0.410	157.3	0.0000	0.0000OK	Crifice	50	0.0			
								Infiltration		0.0			
360 minute summer	50	8	7.400	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
360 minute summer	51	8	7.360	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
360 minute summer	52	8	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
360 minute summer	53	240	8.805	0.020	1.0	0.0024	0.0000OK	3.024	54	1.0	0.117	0.000	0.9348
								Infiltration		0.1			
360 minute summer	54	240	8.805	0.180	1.2	0.0216	0.0000OK	3.025	54_OUT	0.9	0.034	0.000	2.7124
								Infiltration		0.2			
360 minute summer	54_OUT	240	8.805	0.300	0.7	0.0300	0.0000OK	Infiltration		0.3			

360 minute summer	55	184	8.474	0.028	0.6	0.0097	0.0000OK	5.000	56	0.8	0.251	0.080	0.0394
360 minute summer	56	184	8.445	0.028	1.2	0.0749	0.0000OK	5.001	57	1.0	0.318	0.083	0.0895
								Infiltration		0.1			
360 minute summer	57	184	8.353	0.043	1.6	0.0852	0.0000OK	5.002	58	1.5	0.326	0.155	0.1650
								Infiltration		0.1			
360 minute summer	58	224	8.314	0.068	2.1	0.3292	0.0000OK	5.003	59	1.7	0.328	0.229	0.2410
								Infiltration		0.4			
360 minute summer	59	224	8.314	0.108	2.3	0.5590	0.0000OK	5.004	60	1.3	0.651	0.002	2.5622
								Infiltration		0.3			
360 minute summer	60	224	8.314	0.123	1.9	0.0440	0.0000OK	5.005	61	0.5	0.030	0.001	4.5874
								Infiltration		0.3			
360 minute summer	61	224	8.314	0.178	1.1	0.0608	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.5			
360 minute summer	62	184	8.148	0.013	0.8	0.0935	0.0000OK	5.007	63	0.6	0.643	0.000	2.6522
360 minute summer	63	232	7.961	0.125	1.2	0.0426	0.0000OK	5.008	63_OUT	0.2	0.018	0.000	2.6560
								Infiltration		0.3			
360 minute summer	63_OUT	232	7.961	0.196	0.6	0.0668	0.0000OK	Infiltration		0.3			
360 minute summer	64	256	8.274	0.088	0.3	0.0143	0.0000OK	6.000	65	0.2	0.648	0.000	0.7817
360 minute summer	65	256	8.274	0.148	0.5	0.0239	0.0000OK	6.001	66	0.2	0.642	0.000	1.3287
								Infiltration		0.1			
360 minute summer	66	256	8.274	0.181	0.5	0.0287	0.0000OK	6.002	67	-0.1	0.021	0.000	0.8323
								Infiltration		0.1			
360 minute summer	67	256	8.274	0.193	0.3	0.0308	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
360 minute summer	68	192	8.082	0.008	0.3	0.0008	0.0000OK	6.004	69	0.3	0.622	0.000	1.8293
360 minute summer	69	256	5.951	0.188	0.6	0.0295	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
360 minute summer	70	256	5.792	0.037	0.3	0.0060	0.0000OK	6.006	71	0.3	0.650	0.000	0.3926
360 minute summer	71	256	5.792	0.107	0.6	0.0172	0.0000OK	6.007	72	0.2	0.611	0.000	1.6053
								Infiltration		0.1			
360 minute summer	72	256	5.792	0.107	0.5	0.0172	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
360 minute summer	73	256	5.892	0.187	0.3	0.0293	0.0000OK	6.009	74	0.1	0.618	0.000	0.7871
360 minute summer	74	256	5.892	0.187	0.4	0.0293	0.0000OK	6.010	75	0.2	0.643	0.000	0.8838
								Infiltration		0.1			
360 minute summer	75	256	5.892	0.187	0.4	0.0298	0.0000OK	6.011	76	0.3	0.634	0.000	1.0438
								Infiltration		0.1			
360 minute summer	76	256	5.892	0.257	0.4	0.0390	0.0000OK	6.012	76_OUT	0.1	0.605	0.000	1.1781
								Infiltration		0.1			
360 minute summer	76_OUT	256	5.892	0.257	0.3	0.0411	0.0000OK	Infiltration		0.1			

Results for 2 year 360 minute winter, 600 minute analysis at 8 minute timestep, Mass balance: 82.84%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
360 minute winter	1	184	9.690	0.390	2.8	0.0000	0.0000	FLOOD RISK	1.000	2	-2.8	-0.111	-0.128	0.4653	
360 minute winter	2	184	9.691	0.441	10.8	0.0000	0.0000	FLOOD RISK	1.001	3	-10.8	-0.341	-0.532	1.1254	
360 minute winter	3	184	9.694	0.544	12.0	0.0000	0.0000	FLOOD RISK	1.002	4	-12.0	-0.384	-0.568	0.4936	
360 minute winter	4	184	9.687	0.587	12.6	0.0000	0.0000	FLOOD RISK	1.003	5	-12.6	-0.408	-0.555	0.8441	
360 minute winter	5	184	9.689	0.689	13.7	0.0000	0.0000	FLOOD RISK	1.004	6	-13.7	-0.438	-0.367	0.1621	
360 minute winter	6	184	9.690	0.790	21.8	6.5121	0.0000	FLOOD RISK	1.005	7	-12.0	0.753	-0.247	0.7796	
360 minute winter	7	184	9.685	0.935	22.7	3.8103	0.0000	FLOOD RISK	1.006	8	16.5	0.739	0.234	2.4923	
360 minute winter	8	184	9.678	1.128	28.1	7.7421	0.0000	FLOOD RISK	1.007	9	28.3	0.747	0.262	5.9230	
360 minute winter	9	184	9.673	1.320	47.4	12.8393	0.0000	FLOOD RISK	1.008	10	49.0	0.710	0.207	3.1380	
360 minute winter	10	184	9.667	1.387	52.6	2.4241	0.0000	FLOOD RISK	1.009	11	52.2	0.617	0.353	47.5613	
360 minute winter	11	184	9.634	1.634	52.2	0.0000	0.0000	FLOOD RISK	1.010	12	52.3	0.542	0.182	53.3278	
360 minute winter	12	112	7.750	1.000	52.3	0.0000	0.0000	FLOOD RISK	1.011	13	52.3	0.411	0.260	0.2610	
360 minute winter	13	184	9.568	0.068	52.3	0.0000	0.0000	OK	1.012	13_OUT	52.3	3.209	0.042	0.0976	
360 minute winter	13_OUT	184	7.705	0.171	52.3	0.0000	0.0000	OK	Flow through pond	49	132.9	0.035	0.000	751.3151	
360 minute winter	14	184	9.638	0.338	4.5	0.0000	0.0000	FLOOD RISK	2.000	15	-4.5	-0.155	-0.148	0.8136	
360 minute winter	15	184	9.637	0.551	14.5	4.3646	0.0000	FLOOD RISK	2.001	16	-8.0	0.682	-0.166	0.9254	
360 minute winter	16	184	9.634	0.643	9.6	0.0000	0.0000	FLOOD RISK	2.002	17	-9.6	0.683	-0.196	0.8320	
360 minute winter	17	184	9.632	0.773	12.7	2.3995	0.0000	FLOOD RISK	2.003	18	11.5	0.681	0.147	1.8750	
360 minute winter	18	184	9.631	0.850	20.9	5.9738	0.0000	FLOOD RISK	2.004	19	21.0	0.682	0.167	5.4890	
360 minute winter	19	184	9.627	1.171	37.4	10.5617	0.0000	FLOOD RISK	2.005	20	37.1	0.734	0.188	4.0628	
360 minute winter	20	184	9.625	1.214	37.1	0.0000	0.0000	FLOOD RISK	2.006	21	37.0	1.030	0.187	3.4979	
360 minute winter	21	184	9.624	1.252	37.0	0.0000	0.0000	FLOOD RISK	2.007	22	37.1	0.880	0.062	3.7404	
360 minute winter	22	184	9.622	1.622	47.7	7.5482	0.0000	FLOOD RISK	2.008	23	47.8	0.582	0.166	53.3017	
360 minute winter	23	112	7.753	1.000	47.8	0.0000	0.0000	FLOOD RISK	2.009	24	47.8	0.378	0.243	0.2606	
360 minute winter	24	184	9.568	0.086	47.8	0.0000	0.0000	OK	2.010	24_OUT	47.8	3.125	0.039	0.0915	
360 minute winter	24_OUT	184	7.695	0.181	47.8	0.0000	0.0000	OK	Flow through pond	49	132.9	0.035	0.000	751.3151	
360 minute winter	25	184	8.819	0.023	0.9	0.0146	0.0000	OK	3.000	26	0.9	0.415	0.050	0.0706	
360 minute winter	26	184	8.466	0.031	1.8	0.0639	0.0000	OK	3.001	27	1.5	0.557	0.095	0.1084	
								Infiltration			0.2				
360 minute winter	27	184	8.147	0.032	2.4	0.0800	0.0000	OK	3.002	28	2.1	0.707	0.102	0.0846	
								Infiltration			0.3				
360 minute winter	28	184	7.729	0.034	3.0	0.0935	0.0000	OK	3.003	29	2.7	0.841	0.114	0.1153	
								Infiltration			0.2				
360 minute winter	29	184	7.102	0.037	3.8	0.0597	0.0000	OK	3.004	30	3.4	1.035	0.122	0.0223	
								Infiltration			0.2				
360 minute winter	30	184	6.853	0.028	3.6	0.0934	0.0000	OK	3.005	31	3.6	0.151	0.001	0.7804	
360 minute winter	31	182	6.802	0.107	3.8	0.0128	0.0000	OK	3.006	32	2.9	0.070	0.002	1.1714	
								Infiltration			0.8				

360 minute winter	32	192	6.802	0.157	3.1	0.0188	0.0000OK	3.007	33	1.3	0.024	0.001	0.8157
								Infiltration		0.8			
								Infiltration		0.9			
360 minute winter	33	192	6.802	0.027	1.5	0.0032	0.0000OK	3.008	34	1.5	0.134	0.001	0.1499
360 minute winter	34	192	6.762	0.017	1.7	0.0026	0.0000OK	3.009	35	1.5	0.176	0.001	0.2026
								Infiltration		0.2			
360 minute winter	35	200	6.735	0.050	1.7	0.0072	0.0000OK	3.010	36	1.2	0.035	0.000	1.2916
								Infiltration		0.4			
360 minute winter	36	200	6.735	0.230	1.4	0.0252	0.0000OK	3.011	37	0.9	0.000	0.000	0.0000
								Infiltration		0.9			
360 minute winter	37	192	6.509	0.004	0.2	0.0005	0.0000OK	3.012	38	0.2	0.040	0.000	0.8499
360 minute winter	38	200	6.387	0.122	1.5	0.0148	0.0000OK	3.013	39	-1.1	-0.086	-0.001	0.5670
								Infiltration		0.5			
								Infiltration		0.7			
360 minute winter	39	192	6.408	0.011	1.1	0.0013	0.0000OK	3.014	40	-0.8	-0.171	-0.001	0.0710
								Infiltration		0.0			
360 minute winter	40	192	6.704	0.009	0.9	0.0011	0.0000OK	3.015	41	-0.7	-0.152	0.000	0.0594
								Infiltration		0.0			
360 minute winter	41	192	6.874	0.009	0.7	0.0010	0.0000OK	3.016	42	-0.5	-0.129	0.000	0.0499
								Infiltration		0.0			
360 minute winter	42	192	7.692	0.007	0.5	0.0006	0.0000OK	3.017	43	-0.3	-0.084	0.000	0.0488
								Infiltration		0.0			
360 minute winter	43	192	7.153	0.008	0.3	0.0010	0.0000OK	3.018	44	-0.1	-0.041	0.000	0.0380
								Infiltration		0.0			
360 minute winter	44	192	7.229	0.004	0.2	0.0005	0.0000OK	3.019	45	0.1	0.030	0.000	0.0309
360 minute winter	45	192	7.201	0.009	0.3	0.0006	0.0000OK	3.020	46	0.3	0.078	0.000	0.0440
								Infiltration		0.0			
360 minute winter	46	192	7.132	0.007	0.5	0.0008	0.0000OK	3.021	47	0.5	0.115	0.000	0.0550
								Infiltration		0.0			
360 minute winter	47	192	6.974	0.008	0.7	0.0010	0.0000OK	3.022	48	0.6	0.076	0.000	0.1222
								Infiltration		0.0			
360 minute winter	48	192	6.820	0.025	0.8	0.0029	0.0000OK	3.023	49	0.8	0.089	0.001	0.1278
								Infiltration		0.0			
360 minute winter	49	488	7.803	-0.397	138.2	0.0000	0.0000OK	Office	50	0.0			
								Infiltration		0.0			
360 minute winter	50	8	7.403	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
360 minute winter	51	8	7.300	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
360 minute winter	52	8	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
360 minute winter	53	256	6.804	0.019	1.0	0.0023	0.0000OK	3.024	54	1.0	0.117	0.000	0.0232
								Infiltration		0.1			
360 minute winter	54	256	6.804	0.179	1.2	0.0215	0.0000OK	3.025	54_OUT	0.0	0.034	0.000	2.6855
								Infiltration		0.2			
360 minute winter	54_OUT	256	6.804	0.299	0.7	0.0359	0.0000OK	Infiltration		0.3			

360 minute winter	55	184	8.472	0.028	0.5	0.0088	0.0000OK	5.000	56	0.5	0.238	0.060	0.0344
360 minute winter	56	184	8.442	0.028	1.0	0.0625	0.0000OK	5.001	57	0.8	0.300	0.098	0.0600
								Infiltration		0.1			
360 minute winter	57	184	8.348	0.039	1.3	0.0542	0.0000OK	5.002	58	1.2	0.295	0.150	0.1878
								Infiltration		0.1			
360 minute winter	58	240	8.325	0.080	1.7	0.4238	0.0000OK	5.003	59	1.2	0.305	0.160	0.2747
								Infiltration		0.4			
360 minute winter	59	240	8.325	0.120	1.7	0.6201	0.0000OK	5.004	60	1.0	0.055	0.001	2.8490
								Infiltration		0.3			
360 minute winter	60	240	8.325	0.140	1.5	0.0477	0.0000OK	5.005	61	0.4	0.031	0.000	5.0085
								Infiltration		0.3			
360 minute winter	61	240	8.325	0.159	0.9	0.0644	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.5			
360 minute winter	62	184	8.145	0.009	0.5	0.0601	0.0000OK	5.007	63	0.5	0.043	0.000	3.0052
360 minute winter	63	256	7.978	0.140	1.0	0.0475	0.0000OK	5.008	63_OUT	0.2	0.018	0.000	2.9502
								Infiltration		0.3			
360 minute winter	63_OUT	256	7.976	0.211	0.5	0.0718	0.0000OK	Infiltration		0.3			
360 minute winter	64	272	6.278	0.090	0.2	0.0148	0.0000OK	6.000	65	0.2	0.048	0.000	0.8057
360 minute winter	65	272	6.278	0.153	0.4	0.0244	0.0000OK	6.001	66	0.2	0.042	0.000	1.3601
								Infiltration		0.1			
360 minute winter	66	272	6.278	0.185	0.3	0.0292	0.0000OK	6.002	67	0.1	0.021	0.000	0.6498
								Infiltration		0.1			
360 minute winter	67	272	6.278	0.292	0.2	0.0312	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
360 minute winter	68	184	6.083	0.004	0.2	0.0007	0.0000OK	6.004	69	0.2	0.022	0.000	1.6789
360 minute winter	69	272	5.955	0.190	0.4	0.0305	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
360 minute winter	70	272	5.791	0.038	0.2	0.0057	0.0000OK	6.006	71	0.2	0.050	0.000	0.3855
360 minute winter	71	272	5.791	0.106	0.4	0.0189	0.0000OK	6.007	72	0.1	0.011	0.000	1.5782
								Infiltration		0.1			
360 minute winter	72	272	5.791	0.108	0.3	0.0198	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
360 minute winter	73	272	5.898	0.194	0.2	0.0311	0.0000OK	6.009	74	0.1	0.018	0.000	0.8064
360 minute winter	74	272	5.898	0.194	0.3	0.0311	0.0000OK	6.010	75	0.2	0.043	0.000	0.9131
								Infiltration		0.1			
360 minute winter	75	272	5.898	0.194	0.3	0.0311	0.0000OK	6.011	76	0.3	0.034	0.000	1.0893
								Infiltration		0.1			
360 minute winter	76	272	5.898	0.254	0.4	0.0401	0.0000OK	6.012	76_OUT	0.1	0.005	0.000	1.2240
								Infiltration		0.1			
360 minute winter	76_OUT	272	5.898	0.264	0.2	0.0423	0.0000OK	Infiltration		0.1			

Results for 2 year 480 minute summer, 720 minute analysis at 8 minute timestep, Mass balance: 82.66%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute summer	1	248	9.708	0.408	1.9	0.0003	0.0000	FLOOD RISK	1.000	2	-1.9	-0.089	-0.086	0.4853	
480 minute summer	2	248	9.708	0.458	7.7	0.0000	0.0000	FLOOD RISK	1.001	3	-7.7	-0.247	-0.389	1.1264	
480 minute summer	3	248	9.705	0.553	9.8	0.0000	0.0000	FLOOD RISK	1.002	4	-9.8	-0.314	-0.434	0.4988	
480 minute summer	4	248	9.710	0.619	11.8	0.0000	0.0000	FLOOD RISK	1.003	5	-11.8	-0.377	-0.512	0.8441	
480 minute summer	5	248	9.711	0.711	13.2	0.0000	0.0000	FLOOD RISK	1.004	6	-13.2	-0.423	-0.354	0.1621	
480 minute summer	6	248	9.711	0.811	23.9	6.6847	0.0000	FLOOD RISK	1.005	7	-13.0	0.743	-0.289	0.7790	
480 minute summer	7	248	9.706	0.956	18.5	3.8947	0.0000	FLOOD RISK	1.006	8	18.7	0.727	0.286	2.4923	
480 minute summer	8	248	9.698	1.148	31.3	7.8770	0.0000	FLOOD RISK	1.007	9	31.5	0.723	0.291	5.9230	
480 minute summer	9	248	9.689	1.338	52.2	13.0181	0.0000	FLOOD RISK	1.008	10	51.3	0.673	0.217	3.1360	
480 minute summer	10	248	9.687	1.387	55.2	2.4586	0.0000	FLOOD RISK	1.009	11	55.9	0.518	0.379	47.8513	
480 minute summer	11	248	9.645	1.645	55.9	0.0000	0.0000	FLOOD RISK	1.010	12	55.9	0.499	0.194	53.3278	
480 minute summer	12	180	7.750	1.000	55.9	0.0000	0.0000	FLOOD RISK	1.011	13	55.0	0.438	0.285	0.2820	
480 minute summer	13	248	9.571	0.071	56.0	0.0000	0.0000	OK	1.012	13_OUT	55.0	3.278	0.045	0.1024	
480 minute summer	13_OUT	248	7.713	0.180	56.0	0.0000	0.0000	OK	Flow through pond	49	127.5	0.635	0.000	713.5672	
480 minute summer	14	248	9.554	0.354	3.6	0.0000	0.0000	FLOOD RISK	2.000	15	-3.6	-0.118	-0.120	0.8138	
480 minute summer	15	248	9.582	0.582	15.8	4.4845	0.0000	FLOOD RISK	2.001	16	-9.5	0.691	-0.198	0.9254	
480 minute summer	16	248	9.649	0.658	11.0	0.0000	0.0000	FLOOD RISK	2.002	17	-11.0	0.634	-0.224	0.6320	
480 minute summer	17	248	9.647	0.783	15.9	2.4459	0.0000	FLOOD RISK	2.003	18	12.7	0.638	0.182	1.8750	
480 minute summer	18	248	9.645	0.964	23.0	8.0633	0.0000	FLOOD RISK	2.004	19	22.9	0.647	0.182	5.4890	
480 minute summer	19	248	9.540	1.184	40.7	10.8792	0.0000	FLOOD RISK	2.005	20	40.6	0.894	0.208	4.0628	
480 minute summer	20	248	9.639	1.228	40.6	0.0000	0.0000	FLOOD RISK	2.006	21	40.6	0.974	0.206	3.4979	
480 minute summer	21	248	9.637	1.265	40.6	0.0000	0.0000	FLOOD RISK	2.007	22	40.6	0.787	0.088	3.7404	
480 minute summer	22	248	9.635	1.635	52.1	7.1548	0.0000	FLOOD RISK	2.008	23	52.2	0.529	0.181	53.3017	
480 minute summer	23	152	7.750	1.000	52.2	0.0000	0.0000	FLOOD RISK	2.009	24	52.2	0.411	0.266	0.2616	
480 minute summer	24	248	9.569	0.069	52.2	0.0000	0.0000	OK	2.010	24_OUT	52.2	3.208	0.042	0.0975	
480 minute summer	24_OUT	248	7.705	0.171	52.2	0.0000	0.0000	OK	Flow through pond	49	127.5	0.635	0.000	713.5672	
480 minute summer	25	248	8.819	0.023	0.9	0.0146	0.0000	OK	3.000	26	0.9	0.415	0.050	0.0775	
480 minute summer	26	248	8.487	0.932	1.8	0.0650	0.0000	OK	3.001	27	1.5	0.580	0.098	0.1105	
480 minute summer	27							Infiltration			0.3				
480 minute summer	27	248	8.148	0.033	2.4	0.0823	0.0000	OK	3.002	28	2.1	0.713	0.105	0.0679	
480 minute summer	28							Infiltration			0.3				
480 minute summer	28	248	7.730	0.635	3.0	0.0854	0.0000	OK	3.003	29	2.6	0.850	0.119	0.1183	
480 minute summer	29							Infiltration			0.2				
480 minute summer	29	248	7.103	0.038	3.7	0.0615	0.0000	OK	3.004	30	3.5	1.645	0.127	0.0228	
480 minute summer	30							Infiltration			0.2				
480 minute summer	30	248	8.854	0.023	3.7	0.0035	0.0000	OK	3.005	31	3.7	0.151	0.002	0.7587	
480 minute summer	31	256	8.863	0.108	3.9	0.0129	0.0000	OK	3.006	32	3.0	0.083	0.002	1.1778	
480 minute summer								Infiltration			0.8				

480 minute summer	32	256	8.863	0.158	3.2	0.0188	0.0000OK	3.007	33	1.4	0.025	0.001	0.8214
								Infiltration		0.8			
								Infiltration		0.9			
480 minute summer	33	256	8.802	0.027	1.6	0.0033	0.0000OK	3.008	34	1.5	0.136	0.001	0.1538
480 minute summer	34	256	8.782	0.617	1.8	0.0021	0.0000OK	3.009	35	1.5	0.155	0.001	0.2194
								Infiltration		0.2			
480 minute summer	35	264	6.741	0.098	1.8	0.0079	0.0000OK	3.010	36	1.8	0.035	0.000	1.3536
								Infiltration		0.4			
480 minute summer	36	264	8.741	0.238	1.8	0.0286	0.0000OK	3.011	37	0.0	0.000	0.000	0.0000
								Infiltration		0.9			
480 minute summer	37	256	6.509	0.004	0.2	0.0005	0.0000OK	3.012	38	0.2	0.040	0.000	0.9000
480 minute summer	38	264	6.393	0.128	1.5	0.0153	0.0000OK	3.013	39	-1.1	-0.088	-0.001	0.8036
								Infiltration		0.5			
								Infiltration		0.7			
480 minute summer	39	256	8.468	0.011	1.1	0.0013	0.0000OK	3.014	40	-0.9	-0.171	-0.001	0.0710
								Infiltration		0.0			
480 minute summer	40	256	6.704	0.008	0.9	0.0011	0.0000OK	3.015	41	-0.7	-0.152	0.000	0.0594
								Infiltration		0.0			
480 minute summer	41	256	8.874	0.008	0.7	0.0010	0.0000OK	3.016	42	-0.5	-0.128	0.000	0.0499
								Infiltration		0.0			
480 minute summer	42	256	7.092	0.607	0.5	0.0005	0.0000OK	3.017	43	-0.3	-0.084	0.000	0.0488
								Infiltration		0.0			
480 minute summer	43	248	7.153	0.008	0.3	0.0010	0.0000OK	3.018	44	-0.1	-0.041	0.000	0.0383
								Infiltration		0.0			
480 minute summer	44	248	7.229	0.004	0.2	0.0005	0.0000OK	3.019	45	0.1	0.030	0.000	0.0309
480 minute summer	45	256	7.201	0.008	0.3	0.0005	0.0000OK	3.020	46	0.3	0.078	0.000	0.0440
								Infiltration		0.0			
480 minute summer	46	256	7.132	0.007	0.5	0.0008	0.0000OK	3.021	47	0.5	0.115	0.000	0.0550
								Infiltration		0.0			
480 minute summer	47	256	6.974	0.008	0.7	0.0010	0.0000OK	3.022	48	0.6	0.078	0.000	0.1222
								Infiltration		0.0			
480 minute summer	48	256	8.820	0.025	0.8	0.0029	0.0000OK	3.023	49	0.8	0.089	0.001	0.1278
								Infiltration		0.0			
480 minute summer	49	544	7.599	-0.401	130.2	0.0000	0.0000OK	Crifice	50	0.0			
								Infiltration		0.0			
480 minute summer	50	8	7.400	0.003	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
480 minute summer	51	8	7.360	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
480 minute summer	52	8	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
480 minute summer	53	304	6.801	0.016	1.0	0.0020	0.0000OK	3.024	54	1.0	0.117	0.000	0.8958
								Infiltration		0.0			
480 minute summer	54	304	8.801	0.178	1.2	0.0212	0.0000OK	3.025	54_OUT	0.9	0.034	0.000	2.6542
								Infiltration		0.2			
480 minute summer	54_OUT	304	6.801	0.298	0.7	0.0355	0.0000OK	Infiltration		0.3			

480 minute summer	55	248	8.472	0.026	0.5	0.0088	0.0000OK	5.000	56	0.5	0.238	0.088	0.0353
480 minute summer	56	248	8.443	0.027	1.0	0.0655	0.0000OK	5.001	57	0.9	0.302	0.071	0.0830
								Infiltration		0.1			
480 minute summer	57	248	8.350	0.043	1.4	0.0578	0.0000OK	5.002	58	1.3	0.310	0.152	0.1524
								Infiltration		0.1			
480 minute summer	58	268	8.310	0.065	1.8	0.2945	0.0000OK	5.003	59	1.5	0.300	0.201	0.2285
								Infiltration		0.4			
480 minute summer	59	268	8.310	0.105	2.0	0.5344	0.0000OK	5.004	60	1.2	0.648	0.002	2.4605
								Infiltration		0.3			
480 minute summer	60	288	8.310	0.125	1.7	0.0425	0.0000OK	5.005	61	0.5	0.031	0.001	4.4518
								Infiltration		0.3			
480 minute summer	61	288	8.310	0.174	1.0	0.0593	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.5			
480 minute summer	62	248	8.148	0.013	0.5	0.0933	0.0000OK	5.007	63	0.5	0.643	0.000	2.6498
480 minute summer	63	304	7.961	0.125	1.0	0.0425	0.0000OK	5.008	63_OUT	0.2	0.015	0.000	2.6582
								Infiltration		0.3			
480 minute summer	63_OUT	304	7.961	0.196	0.5	0.0668	0.0000OK	Infiltration		0.3			
480 minute summer	64	320	8.253	0.068	0.2	0.0108	0.0000OK	6.000	65	0.2	0.648	0.000	0.8175
480 minute summer	65	320	8.253	0.128	0.4	0.0204	0.0000OK	6.001	66	0.2	0.642	0.000	1.1150
								Infiltration		0.1			
480 minute summer	66	320	8.283	0.160	0.3	0.0252	0.0000OK	6.002	67	0.1	0.021	0.000	0.7128
								Infiltration		0.1			
480 minute summer	67	320	8.253	0.177	0.2	0.0274	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
480 minute summer	68	250	8.080	0.004	0.2	0.0007	0.0000OK	6.004	69	0.2	0.622	0.000	1.5972
480 minute summer	69	320	5.932	0.167	0.4	0.0285	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
480 minute summer	70	320	5.775	0.025	0.2	0.0033	0.0000OK	6.006	71	0.2	0.650	0.000	0.2942
480 minute summer	71	320	5.775	0.090	0.4	0.0145	0.0000OK	6.007	72	0.1	0.011	0.000	1.3125
								Infiltration		0.1			
480 minute summer	72	320	5.775	0.090	0.3	0.0145	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
480 minute summer	73	320	5.886	0.161	0.2	0.0257	0.0000OK	6.009	74	0.1	0.018	0.000	0.8345
480 minute summer	74	320	5.886	0.161	0.3	0.0257	0.0000OK	6.010	75	0.2	0.643	0.000	0.7185
								Infiltration		0.1			
480 minute summer	75	320	5.868	0.161	0.3	0.0257	0.0000OK	6.011	76	0.3	0.634	0.000	0.8683
								Infiltration		0.1			
480 minute summer	76	320	5.866	0.231	0.4	0.0350	0.0000OK	6.012	76_OUT	0.1	0.005	0.000	1.0214
								Infiltration		0.1			
480 minute summer	76_OUT	320	5.866	0.231	0.2	0.0368	0.0000OK	Infiltration		0.1			

Results for 2 year 480 minute winter, 720 minute analysis at 8 minute timestep, Mass balance: 83.32%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
480 minute winter	1	232	9.647	0.347	0.0	0.0000	0.0000	FLOOD RISK	1.000	2	0.3	0.011	0.010	0.4653	
480 minute winter	2	232	9.648	0.388	0.0	0.0000	0.0000	FLOOD RISK	1.001	3	-6.0	-0.313	-0.300	1.1254	
480 minute winter	3	232	9.648	0.488	0.0	0.0000	0.0000	FLOOD RISK	1.002	4	-6.8	-0.275	-0.408	0.4986	
480 minute winter	4	232	9.649	0.549	0.0	0.0000	0.0000	FLOOD RISK	1.003	5	-8.9	-0.284	-0.388	0.8441	
480 minute winter	5	232	9.654	0.654	0.7	0.0000	0.0000	FLOOD RISK	1.004	6	-9.7	-0.310	-0.260	0.1621	
480 minute winter	6	232	9.655	0.755	16.8	6.2274	0.0000	FLOOD RISK	1.005	7	9.4	0.793	0.195	0.7796	
480 minute winter	7	232	9.653	0.903	13.9	3.6789	0.0000	FLOOD RISK	1.006	8	14.1	0.691	0.201	2.4923	
480 minute winter	8	232	9.648	1.098	23.3	7.5379	0.0000	FLOOD RISK	1.007	9	23.5	0.701	0.217	5.9236	
480 minute winter	9	232	9.643	1.293	38.5	12.5735	0.0000	FLOOD RISK	1.008	10	38.7	0.657	0.163	3.1380	
480 minute winter	10	232	9.640	1.340	41.5	2.3756	0.0000	FLOOD RISK	1.009	11	41.7	0.558	0.282	47.5613	
480 minute winter	11	232	9.610	1.610	41.7	0.0000	0.0000	FLOOD RISK	1.010	12	41.4	0.488	0.144	53.3278	
480 minute winter	12	144	7.750	1.900	41.4	0.0000	0.0000	FLOOD RISK	1.011	13	41.4	0.330	0.211	0.2586	
480 minute winter	13	232	9.582	0.982	41.4	0.0000	0.0000	OK	1.012	13_OUT	41.3	2.984	0.033	0.0829	
480 minute winter	13_OUT	232	7.689	0.146	41.3	0.0000	0.0000	OK	Flow through pond	49	119.8	0.034	0.000	839.0551	
480 minute winter	14	240	9.607	0.307	2.2	0.0000	0.0000	FLOOD RISK	2.000	15	-2.2	-0.069	-0.072	0.3136	
480 minute winter	15	248	9.607	0.521	8.3	4.1283	0.0000	FLOOD RISK	2.001	16	6.2	0.622	0.128	0.9254	
480 minute winter	16	248	9.605	0.614	6.2	0.0000	0.0000	FLOOD RISK	2.002	17	6.2	0.624	0.126	0.8320	
480 minute winter	17	248	9.604	0.745	9.4	2.3122	0.0000	FLOOD RISK	2.003	18	9.4	0.609	0.120	1.8750	
480 minute winter	18	248	9.603	0.922	17.1	5.7990	0.0000	FLOOD RISK	2.004	19	17.1	0.653	0.136	5.4896	
480 minute winter	19	248	9.603	1.144	30.3	10.3199	0.0000	FLOOD RISK	2.005	20	30.3	0.673	0.153	4.0628	
480 minute winter	20	248	9.599	1.188	30.3	0.0000	0.0000	FLOOD RISK	2.006	21	30.3	0.945	0.153	3.4979	
480 minute winter	21	248	9.598	1.226	30.3	0.0000	0.0000	FLOOD RISK	2.007	22	30.3	0.812	0.051	3.7404	
480 minute winter	22	248	9.598	1.598	38.8	6.8397	0.0000	FLOOD RISK	2.008	23	38.8	0.510	0.135	53.3017	
480 minute winter	23	136	7.753	1.090	38.8	0.0000	0.0000	FLOOD RISK	2.009	24	38.8	0.310	0.198	0.2586	
480 minute winter	24	248	9.563	0.080	38.8	0.0000	0.0000	OK	2.010	24_OUT	38.8	2.931	0.031	0.0793	
480 minute winter	24_OUT	248	7.675	0.142	38.8	0.0000	0.0000	OK	Flow through pond	49	119.8	0.034	0.000	839.0551	
480 minute winter	25	232	8.618	0.020	0.7	0.0136	0.0000	OK	3.000	26	0.7	0.389	0.009	0.0644	
480 minute winter	26	232	8.463	0.028	1.4	0.0522	0.0000	OK	3.001	27	1.2	0.519	0.074	0.0908	
								Infiltration			0.2				
480 minute winter	27	240	8.144	0.029	1.9	0.0647	0.0000	OK	3.002	28	1.9	0.657	0.079	0.0793	
								Infiltration			0.3				
480 minute winter	28	240	7.725	0.030	2.3	0.0526	0.0000	OK	3.003	29	2.1	0.735	0.069	0.0961	
								Infiltration			0.2				
480 minute winter	29	240	7.095	0.033	2.8	0.0487	0.0000	OK	3.004	30	2.7	0.987	0.095	0.0186	
								Infiltration			0.2				
480 minute winter	30	240	6.849	0.024	2.6	0.0029	0.0000	OK	3.005	31	2.6	0.138	0.001	0.0851	
480 minute winter	31	264	6.791	0.096	2.9	0.0115	0.0000	OK	3.006	32	2.1	0.070	0.001	1.0551	
								Infiltration			0.7				

480 minute winter	32	264	6.791	0.148	2.2	0.0175	0.0000OK	3.007	33	0.5	0.011	0.000	0.7130
								Infiltration		0.8			
								Infiltration		0.9			
480 minute winter	33	264	6.791	0.016	0.6	0.0018	0.0000OK	3.008	34	0.6	0.093	0.000	0.6902
480 minute winter	34	264	6.758	0.011	0.7	0.0013	0.0000OK	3.009	35	0.6	0.125	0.000	0.6478
								Infiltration		0.1			
480 minute winter	35	264	6.683	0.058	0.7	0.0010	0.0000OK	3.010	36	0.7	0.035	0.000	0.6956
								Infiltration		0.1			
480 minute winter	36	272	6.684	0.159	0.6	0.0101	0.0000OK	3.011	37	0.6	0.000	0.000	0.6000
								Infiltration		0.7			
480 minute winter	37	184	6.508	0.003	0.1	0.0003	0.0000OK	3.012	38	0.1	0.040	0.000	0.5364
480 minute winter	38	336	6.347	0.062	0.7	0.0098	0.0000OK	3.013	39	-0.5	-0.086	0.000	0.3656
								Infiltration		0.3			
								Infiltration		0.4			
480 minute winter	39	184	6.462	0.007	0.5	0.0008	0.0000OK	3.014	40	-0.4	-0.130	0.000	0.6401
								Infiltration		0.6			
480 minute winter	40	184	6.701	0.008	0.4	0.0007	0.0000OK	3.015	41	-0.3	-0.116	0.000	0.6386
								Infiltration		0.0			
480 minute winter	41	184	6.871	0.006	0.3	0.0007	0.0000OK	3.016	42	-0.2	-0.097	0.000	0.6324
								Infiltration		0.6			
480 minute winter	42	176	7.669	0.004	0.3	0.0005	0.0000OK	3.017	43	-0.2	-0.084	0.000	0.6318
								Infiltration		0.6			
480 minute winter	43	176	7.159	0.005	0.2	0.0006	0.0000OK	3.018	44	-0.1	-0.032	0.000	0.6251
								Infiltration		0.0			
480 minute winter	44	184	7.228	0.003	0.1	0.0003	0.0000OK	3.019	45	0.0	0.023	0.000	0.6202
480 minute winter	45	260	7.199	0.004	0.1	0.0005	0.0000OK	3.020	46	0.1	0.059	0.000	0.6288
								Infiltration		0.6			
480 minute winter	46	200	7.136	0.005	0.2	0.0005	0.0000OK	3.021	47	0.2	0.087	0.000	0.6357
								Infiltration		0.0			
480 minute winter	47	200	6.971	0.006	0.3	0.0007	0.0000OK	3.022	48	0.3	0.060	0.000	0.6628
								Infiltration		0.6			
480 minute winter	48	268	6.612	0.017	0.4	0.0021	0.0000OK	3.023	49	0.4	0.085	0.001	0.1041
								Infiltration		0.0			
480 minute winter	49	800	7.813	-0.387	124.4	0.6000	0.0000OK	Office	50	0.0			
								Infiltration		0.0			
480 minute winter	50	8	7.403	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.6000
480 minute winter	51	8	7.300	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.6000
480 minute winter	52	8	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.6000
480 minute winter	53	344	6.798	0.014	0.6	0.0017	0.0000OK	3.024	54	0.5	0.117	0.000	0.8754
								Infiltration		0.0			
480 minute winter	54	336	6.793	0.174	0.6	0.0208	0.0000OK	3.025	54_OUT	0.6	0.034	0.000	2.6242
								Infiltration		0.2			
480 minute winter	54_OUT	336	6.799	0.294	0.7	0.0353	0.0000OK	Infiltration		0.3			

480 minute winter	55	240	8.470	0.024	0.4	0.0080	0.0000OK	5.000	56	0.4	0.224	0.054	0.0300
480 minute winter	56	250	8.440	0.024	0.8	0.0031	0.0000OK	5.001	57	0.7	0.283	0.056	0.0532
								Infiltration		0.1			
480 minute winter	57	260	8.348	0.036	1.1	0.0471	0.0000OK	5.002	58	1.0	0.292	0.127	0.1588
								Infiltration		0.1			
480 minute winter	58	304	8.313	0.068	1.4	0.3187	0.0000OK	5.003	59	1.2	0.289	0.158	0.2373
								Infiltration		0.4			
480 minute winter	59	304	8.313	0.100	1.6	0.5516	0.0000OK	5.004	60	0.8	0.048	0.001	2.5326
								Infiltration		0.3			
480 minute winter	60	304	8.313	0.128	1.3	0.0436	0.0000OK	5.005	61	0.4	0.031	0.000	4.5539
								Infiltration		0.3			
480 minute winter	61	304	8.313	0.177	0.8	0.0802	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.5			
480 minute winter	62	250	8.145	0.009	0.4	0.0029	0.0000OK	5.007	63	0.4	0.043	0.000	2.8892
480 minute winter	63	320	7.971	0.135	0.6	0.0458	0.0000OK	5.008	63_OUT	0.2	0.018	0.000	2.5549
								Infiltration		0.3			
480 minute winter	63_OUT	320	7.971	0.200	0.4	0.0701	0.0000OK	Infiltration		0.3			
480 minute winter	64	352	6.283	0.098	0.2	0.0150	0.0000OK	6.000	65	0.2	0.040	0.000	0.8440
480 minute winter	65	352	6.283	0.158	0.4	0.0252	0.0000OK	6.001	66	0.2	0.042	0.000	1.4105
								Infiltration		0.1			
480 minute winter	66	352	6.283	0.190	0.3	0.0299	0.0000OK	6.002	67	0.1	0.021	0.000	0.6779
								Infiltration		0.1			
480 minute winter	67	352	6.283	0.207	0.2	0.0320	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
480 minute winter	68	240	6.080	0.004	0.2	0.0007	0.0000OK	6.004	69	0.2	0.022	0.000	1.9340
480 minute winter	69	352	5.960	0.195	0.4	0.0312	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
480 minute winter	70	352	5.790	0.035	0.2	0.0057	0.0000OK	6.006	71	0.2	0.050	0.000	0.3800
480 minute winter	71	352	5.790	0.105	0.4	0.0109	0.0000OK	6.007	72	0.1	0.011	0.000	1.5695
								Infiltration		0.1			
480 minute winter	72	352	5.790	0.105	0.3	0.0108	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
480 minute winter	73	352	5.908	0.204	0.2	0.0327	0.0000OK	6.009	74	0.1	0.016	0.000	0.8607
480 minute winter	74	352	5.908	0.204	0.3	0.0327	0.0000OK	6.010	75	0.2	0.043	0.000	0.9747
								Infiltration		0.1			
480 minute winter	75	352	5.909	0.204	0.3	0.0327	0.0000OK	6.011	76	0.3	0.034	0.000	1.1528
								Infiltration		0.1			
480 minute winter	76	352	5.908	0.274	0.4	0.0417	0.0000OK	6.012	76_OUT	0.1	0.005	0.000	1.2878
								Infiltration		0.1			
480 minute winter	76_OUT	352	5.909	0.274	0.2	0.0438	0.0000OK	Infiltration		0.1			

Results for 2 year 600 minute summer, 840 minute analysis at 15 minute timestep, Mass balance: 92.89%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute summer	1	315	9.654	0.354	0.7	0.0003	0.0000	FLOOD RISK	1.000	2	-0.7	-0.024	-0.034	0.4853	
600 minute summer	2	315	9.652	0.402	1.2	0.0000	0.0000	FLOOD RISK	1.001	3	-1.2	-0.039	-0.082	1.1264	
600 minute summer	3	315	9.651	0.501	2.3	0.0000	0.0000	FLOOD RISK	1.002	4	-2.3	-0.074	-0.109	0.4988	
600 minute summer	4	315	9.652	0.552	2.4	0.0000	0.0000	FLOOD RISK	1.003	5	-2.4	-0.075	-0.102	0.8441	
600 minute summer	5	315	9.653	0.653	2.6	0.0000	0.0000	FLOOD RISK	1.004	6	-2.6	-0.083	-0.070	0.1621	
600 minute summer	6	315	9.653	0.753	8.9	6.2051	0.0000	FLOOD RISK	1.005	7	9.0	0.717	0.185	0.7790	
600 minute summer	7	315	9.650	0.900	14.1	3.6583	0.0000	FLOOD RISK	1.006	8	14.1	0.657	0.201	2.4923	
600 minute summer	8	315	9.648	1.098	24.4	7.5204	0.0000	FLOOD RISK	1.007	9	24.3	0.682	0.225	5.9230	
600 minute summer	9	315	9.641	1.291	41.2	12.5508	0.0000	FLOOD RISK	1.008	10	41.2	0.820	0.174	3.1380	
600 minute summer	10	315	9.639	1.339	44.4	2.3744	0.0000	FLOOD RISK	1.009	11	44.3	0.485	0.300	47.8513	
600 minute summer	11	315	9.612	1.612	44.3	0.0000	0.0000	FLOOD RISK	1.010	12	44.3	0.451	0.154	53.3278	
600 minute summer	12	195	7.750	1.000	44.3	0.0000	0.0000	FLOOD RISK	1.011	13	44.3	0.352	0.228	0.2594	
600 minute summer	13	315	9.584	0.084	44.3	0.0000	0.0000	OK	1.012	13_OUT	44.3	3.653	0.030	0.0870	
600 minute summer	13_OUT	315	7.688	0.154	44.3	0.0000	0.0000	OK	Flow through pond	49	100.9	0.030	0.000	770.2737	
600 minute summer	14	315	9.619	0.319	0.1	0.0000	0.0000	FLOOD RISK	2.000	15	0.1	0.002	0.002	0.8138	
600 minute summer	15	315	9.619	0.533	8.9	4.2234	0.0000	FLOOD RISK	2.001	16	8.8	0.580	0.140	0.9254	
600 minute summer	16	315	9.617	0.626	8.4	0.0000	0.0000	FLOOD RISK	2.002	17	8.8	0.580	0.138	0.6320	
600 minute summer	17	315	9.615	0.756	11.2	2.3473	0.0000	FLOOD RISK	2.003	18	10.3	0.587	0.132	1.8750	
600 minute summer	18	315	9.614	0.933	18.7	5.8587	0.0000	FLOOD RISK	2.004	19	18.7	0.580	0.149	5.4890	
600 minute summer	19	315	9.611	1.155	33.2	10.4166	0.0000	FLOOD RISK	2.005	20	33.2	0.805	0.168	4.0628	
600 minute summer	20	315	9.610	1.199	33.2	0.0000	0.0000	FLOOD RISK	2.006	21	33.2	0.850	0.168	3.4979	
600 minute summer	21	315	9.609	1.237	33.2	0.0000	0.0000	FLOOD RISK	2.007	22	33.2	0.704	0.056	3.7404	
600 minute summer	22	315	9.607	1.607	42.6	8.9829	0.0000	FLOOD RISK	2.008	23	42.6	0.490	0.148	53.3017	
600 minute summer	23	195	7.750	1.000	42.6	0.0000	0.0000	FLOOD RISK	2.009	24	42.6	0.339	0.217	0.2591	
600 minute summer	24	315	9.563	0.063	42.6	0.0000	0.0000	OK	2.010	24_OUT	42.6	3.610	0.034	0.0848	
600 minute summer	24_OUT	315	7.684	0.150	42.6	0.0000	0.0000	OK	Flow through pond	49	100.9	0.030	0.000	770.2737	
600 minute summer	25	315	8.818	0.022	0.8	0.0138	0.0000	OK	3.000	26	0.8	0.402	0.045	0.0710	
600 minute summer	26	315	8.485	0.930	1.6	0.0588	0.0000	OK	3.001	27	1.4	0.541	0.089	0.1000	
600 minute summer	27	315	8.148	0.031	2.2	0.0735	0.0000	OK	Infiltration			0.2			
												1.9	0.680	0.092	0.0682
600 minute summer	28	315	7.728	0.633	2.7	0.0587	0.0000	OK	Infiltration			0.3			
												2.5	0.819	0.104	0.1074
600 minute summer	29	315	7.100	0.035	3.3	0.0551	0.0000	OK	Infiltration			0.2			
												3.1	1.608	0.111	0.0200
600 minute summer	30	315	8.652	0.027	3.2	0.0032	0.0000	OK	3.005	31	3.2	0.135	0.001	0.7250	
600 minute summer	31	315	8.785	0.100	3.3	0.0120	0.0000	OK	3.006	32	2.5	0.080	0.001	1.0973	
600 minute summer									Infiltration			0.8			

600 minute summer	32	315	8.795	0.150	2.6	0.0183	0.0000OK	3.007	33	0.9	0.017	0.001	0.7501
								Infiltration		0.8			
								Infiltration		0.9			
600 minute summer	33	315	8.795	0.023	1.0	0.0024	0.0000OK	3.008	34	0.9	0.108	0.001	0.1138
600 minute summer	34	315	8.758	0.613	1.0	0.0016	0.0000OK	3.009	35	0.9	0.144	0.000	0.0591
								Infiltration		0.2			
600 minute summer	35	315	6.885	0.010	1.0	0.0012	0.0000OK	3.010	36	0.9	0.027	0.000	0.0026
								Infiltration		0.1			
600 minute summer	36	330	8.583	0.178	1.0	0.0203	0.0000OK	3.011	37	0.0	0.000	0.000	0.0000
								Infiltration		0.8			
600 minute summer	37	270	6.508	0.003	0.1	0.0003	0.0000OK	3.012	38	0.1	0.023	0.000	0.5361
600 minute summer	38	375	6.347	0.682	0.7	0.0098	0.0000OK	3.013	39	-0.5	-0.087	0.000	0.3803
								Infiltration		0.3			
								Infiltration		0.4			
600 minute summer	39	270	8.462	0.007	0.5	0.0008	0.0000OK	3.014	40	-0.4	-0.130	0.000	0.0401
								Infiltration		0.0			
600 minute summer	40	270	6.701	0.006	0.4	0.0007	0.0000OK	3.015	41	-0.3	-0.118	0.000	0.0386
								Infiltration		0.0			
600 minute summer	41	270	6.871	0.008	0.3	0.0007	0.0000OK	3.016	42	-0.2	-0.097	0.000	0.0324
								Infiltration		0.0			
600 minute summer	42	270	7.089	0.004	0.3	0.0005	0.0000OK	3.017	43	-0.2	-0.084	0.000	0.0319
								Infiltration		0.0			
600 minute summer	43	270	7.150	0.005	0.2	0.0006	0.0000OK	3.018	44	-0.1	-0.032	0.000	0.0251
								Infiltration		0.0			
600 minute summer	44	270	7.228	0.003	0.1	0.0003	0.0000OK	3.019	45	0.0	0.023	0.000	0.0202
600 minute summer	45	285	7.189	0.004	0.1	0.0005	0.0000OK	3.020	46	0.1	0.058	0.000	0.0288
								Infiltration		0.0			
600 minute summer	46	285	7.130	0.005	0.2	0.0005	0.0000OK	3.021	47	0.2	0.087	0.000	0.0357
								Infiltration		0.0			
600 minute summer	47	285	6.971	0.008	0.3	0.0007	0.0000OK	3.022	48	0.3	0.090	0.000	0.0828
								Infiltration		0.0			
600 minute summer	48	300	8.812	0.017	0.4	0.0021	0.0000OK	3.023	49	0.4	0.095	0.001	0.0861
								Infiltration		0.0			
600 minute summer	49	675	7.805	-0.395	104.9	0.0000	0.0000OK	Crifice	50	0.0			
								Infiltration		0.0			
600 minute summer	50	15	7.400	0.003	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
600 minute summer	51	15	7.360	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
600 minute summer	52	15	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
600 minute summer	53	300	6.792	0.007	0.5	0.0009	0.0000OK	3.024	54	0.5	0.117	0.000	0.0833
								Infiltration		0.0			
600 minute summer	54	390	8.774	0.143	0.6	0.0178	0.0000OK	3.025	54_OUT	0.6	0.032	0.000	2.2688
								Infiltration		0.2			
600 minute summer	54_OUT	390	8.774	0.288	0.7	0.0323	0.0000OK	Infiltration		0.3			

600 minute summer	55	315	8.470	0.024	0.4	0.0093	0.0000OK	5.000	56	0.4	0.224	0.054	0.0300
600 minute summer	56	315	8.440	0.024	0.8	0.0531	0.0000OK	5.001	57	0.7	0.282	0.058	0.0532
								Infiltration		0.1			
600 minute summer	57	315	8.348	0.038	1.1	0.0471	0.0000OK	5.002	58	1.0	0.290	0.127	0.1317
								Infiltration		0.1			
600 minute summer	58	360	8.303	0.058	1.4	0.2338	0.0000OK	5.003	59	1.1	0.293	0.150	0.2043
								Infiltration		0.3			
600 minute summer	59	360	8.303	0.093	1.5	0.4593	0.0000OK	5.004	60	0.9	0.648	0.001	2.2692
								Infiltration		0.3			
600 minute summer	60	360	8.303	0.118	1.3	0.0405	0.0000OK	5.005	61	0.4	0.028	0.000	4.1760
								Infiltration		0.3			
600 minute summer	61	360	8.303	0.167	0.8	0.0567	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.5			
600 minute summer	62	315	8.145	0.008	0.4	0.0929	0.0000OK	5.007	63	0.4	0.642	0.000	2.5488
600 minute summer	63	375	7.957	0.121	0.8	0.0412	0.0000OK	5.008	63_OUT	0.2	0.015	0.000	2.5724
								Infiltration		0.2			
600 minute summer	63_OUT	375	7.957	0.192	0.4	0.0654	0.0000OK	Infiltration		0.3			
600 minute summer	64	390	8.267	0.082	0.2	0.0131	0.0000OK	6.000	65	0.2	0.641	0.000	0.7238
600 minute summer	65	390	8.267	0.142	0.4	0.0227	0.0000OK	6.001	66	0.1	0.038	0.000	1.2538
								Infiltration		0.1			
600 minute summer	66	390	8.267	0.174	0.3	0.0275	0.0000OK	6.002	67	-0.1	-0.002	0.000	0.7903
								Infiltration		0.1			
600 minute summer	67	390	8.267	0.191	0.2	0.0290	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
600 minute summer	68	315	8.080	0.004	0.2	0.0007	0.0000OK	6.004	69	0.2	0.628	0.000	1.7523
600 minute summer	69	390	5.948	0.181	0.4	0.0295	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
600 minute summer	70	390	5.784	0.028	0.2	0.0047	0.0000OK	6.006	71	0.2	0.034	0.000	0.3436
600 minute summer	71	390	5.784	0.098	0.4	0.0159	0.0000OK	6.007	72	0.1	0.609	0.000	1.4598
								Infiltration		0.1			
600 minute summer	72	390	5.784	0.098	0.3	0.0158	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
600 minute summer	73	390	5.885	0.180	0.2	0.0288	0.0000OK	6.009	74	0.1	0.018	0.000	0.7327
600 minute summer	74	390	5.885	0.180	0.3	0.0288	0.0000OK	6.010	75	0.2	0.643	0.000	0.8296
								Infiltration		0.1			
600 minute summer	75	390	5.885	0.180	0.3	0.0285	0.0000OK	6.011	76	0.3	0.030	0.000	1.0632
								Infiltration		0.1			
600 minute summer	76	390	5.885	0.250	0.4	0.0380	0.0000OK	6.012	76_OUT	0.1	0.005	0.000	1.1374
								Infiltration		0.1			
600 minute summer	76_OUT	390	5.885	0.250	0.2	0.0400	0.0000OK	Infiltration		0.1			

Results for 2 year 600 minute winter, 600 minute analysis at 15 minute timestep, Mass balance: 93.68%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
600 minute winter	1	285	9.625	0.325	0.0	0.0000	0.0000	FLOOD RISK	1.000	2	0.5	0.015	0.021	0.4653	
600 minute winter	2	285	9.623	0.373	0.5	0.0000	0.0000	FLOOD RISK	1.001	3	0.8	0.020	0.031	1.1254	
600 minute winter	3	285	9.624	0.474	0.6	0.0000	0.0000	FLOOD RISK	1.002	4	0.7	0.023	0.034	0.4986	
600 minute winter	4	285	9.625	0.525	0.7	0.0000	0.0000	FLOOD RISK	1.003	5	0.7	0.021	0.028	0.8441	
600 minute winter	5	285	9.627	0.627	3.0	0.0000	0.0000	FLOOD RISK	1.004	6	-3.0	-0.156	-0.000	0.1621	
600 minute winter	6	285	9.628	0.728	7.1	5.9989	0.0000	FLOOD RISK	1.005	7	7.2	0.658	0.148	0.7796	
600 minute winter	7	285	9.627	0.877	10.9	3.6736	0.0000	FLOOD RISK	1.006	8	10.7	0.647	0.153	2.4923	
600 minute winter	8	285	9.624	1.074	18.6	7.3703	0.0000	FLOOD RISK	1.007	9	18.6	0.646	0.172	5.9236	
600 minute winter	9	285	9.629	1.270	31.5	12.3452	0.0000	FLOOD RISK	1.008	10	31.5	0.605	0.133	3.1386	
600 minute winter	10	285	9.617	1.317	33.9	2.3343	0.0000	FLOOD RISK	1.009	11	34.2	0.590	0.232	47.5613	
600 minute winter	11	285	9.596	1.596	34.2	0.0000	0.0000	FLOOD RISK	1.010	12	33.9	0.442	0.118	53.3278	
600 minute winter	12	180	7.750	1.000	33.9	0.0000	0.0000	FLOOD RISK	1.011	13	33.9	0.273	0.173	0.2564	
600 minute winter	13	315	9.556	0.066	33.9	0.0000	0.0000	OK	1.012	13_OUT	33.9	2.813	0.027	0.0722	
600 minute winter	13_OUT	315	7.664	0.130	33.9	0.0000	0.0000	OK	Flow through pond	49	104.5	0.030	0.000	905.9310	
600 minute winter	14	300	9.589	0.289	1.9	0.0000	0.0000	FLOOD RISK	2.000	15	-1.9	-0.065	-0.002	0.3136	
600 minute winter	15	315	9.589	0.503	8.3	3.9879	0.0000	FLOOD RISK	2.001	16	5.2	0.585	0.107	0.9254	
600 minute winter	16	315	9.588	0.597	5.2	0.0000	0.0000	FLOOD RISK	2.002	17	5.2	0.587	0.106	0.8320	
600 minute winter	17	315	9.587	0.728	7.9	2.2594	0.0000	FLOOD RISK	2.003	18	7.9	0.570	0.101	1.8750	
600 minute winter	18	315	9.586	0.905	14.4	5.6943	0.0000	FLOOD RISK	2.004	19	14.4	0.611	0.114	5.4896	
600 minute winter	19	315	9.585	1.129	25.5	10.1771	0.0000	FLOOD RISK	2.005	20	25.5	0.602	0.129	4.0628	
600 minute winter	20	315	9.584	1.173	25.5	0.0000	0.0000	FLOOD RISK	2.006	21	25.5	0.848	0.129	3.4979	
600 minute winter	21	315	9.583	1.211	25.5	0.0000	0.0000	FLOOD RISK	2.007	22	25.5	0.780	0.043	3.7404	
600 minute winter	22	315	9.582	1.582	32.7	6.6739	0.0000	FLOOD RISK	2.008	23	32.7	0.474	0.114	53.3017	
600 minute winter	23	165	7.759	1.000	32.7	0.0000	0.0000	FLOOD RISK	2.009	24	32.7	0.264	0.167	0.2582	
600 minute winter	24	315	9.555	0.055	32.7	0.0000	0.0000	OK	2.010	24_OUT	32.7	2.784	0.028	0.0703	
600 minute winter	24_OUT	315	7.661	0.127	32.7	0.0000	0.0000	OK	Flow through pond	49	104.5	0.030	0.000	905.9310	
600 minute winter	25	300	8.615	0.019	0.6	0.0126	0.0000	OK	3.000	26	0.6	0.373	0.003	0.6675	
600 minute winter	26	300	8.460	0.025	1.2	0.0457	0.0000	OK	3.001	27	1.0	0.435	0.063	0.0804	
								Infiltration			0.2				
600 minute winter	27	300	8.141	0.026	1.6	0.0560	0.0000	OK	3.002	28	1.3	0.623	0.085	0.0700	
								Infiltration			0.3				
600 minute winter	28	300	7.723	0.028	1.9	0.0452	0.0000	OK	3.003	29	1.6	0.747	0.075	0.0846	
								Infiltration			0.2				
600 minute winter	29	300	7.095	0.030	2.4	0.0423	0.0000	OK	3.004	30	2.2	0.921	0.080	0.0164	
								Infiltration			0.1				
600 minute winter	30	300	6.847	0.022	2.3	0.0026	0.0000	OK	3.005	31	2.3	0.135	0.001	0.6325	
600 minute winter	31	330	6.785	0.090	2.4	0.0108	0.0000	OK	3.006	32	1.7	0.080	0.001	0.9642	
								Infiltration			0.7				

600 minute winter	32	330	6.785	0.140	1.8	0.0188	0.0000OK	3.007	33	0.2	-0.035	0.000	0.8592
								Infiltration		0.8			
								Infiltration		0.9			
600 minute winter	33	330	6.785	0.010	0.3	0.0012	0.0000OK	3.008	34	0.3	0.067	0.000	0.5585
600 minute winter	34	330	6.782	0.007	0.4	0.0008	0.0000OK	3.009	35	0.3	0.086	0.000	0.5317
								Infiltration		0.1			
600 minute winter	35	330	6.681	0.056	0.4	0.0007	0.0000OK	3.010	36	0.4	0.027	0.000	0.4370
								Infiltration		0.0			
600 minute winter	36	345	6.613	0.108	0.5	0.0123	0.0000OK	3.011	37	0.5	0.000	0.000	0.5000
								Infiltration		0.4			
600 minute winter	37	240	6.508	0.003	0.1	0.0003	0.0000OK	3.012	38	0.1	0.023	0.000	0.5365
600 minute winter	38	405	6.347	0.062	0.7	0.0098	0.0000OK	3.013	39	-0.5	-0.087	0.000	0.3655
								Infiltration		0.3			
								Infiltration		0.4			
600 minute winter	39	240	6.462	0.007	0.5	0.0008	0.0000OK	3.014	40	-0.4	-0.130	0.000	0.5401
								Infiltration		0.0			
600 minute winter	40	240	6.701	0.008	0.4	0.0007	0.0000OK	3.015	41	-0.3	-0.118	0.000	0.5386
								Infiltration		0.0			
600 minute winter	41	240	6.871	0.006	0.3	0.0007	0.0000OK	3.016	42	-0.2	-0.097	0.000	0.5324
								Infiltration		0.0			
600 minute winter	42	240	7.669	0.004	0.3	0.0005	0.0000OK	3.017	43	-0.2	-0.084	0.000	0.5318
								Infiltration		0.0			
600 minute winter	43	240	7.159	0.005	0.2	0.0006	0.0000OK	3.018	44	-0.1	-0.032	0.000	0.5251
								Infiltration		0.0			
600 minute winter	44	240	7.228	0.003	0.1	0.0003	0.0000OK	3.019	45	0.0	0.023	0.000	0.5202
600 minute winter	45	255	7.199	0.004	0.1	0.0005	0.0000OK	3.020	46	0.1	0.059	0.000	0.5288
								Infiltration		0.0			
600 minute winter	46	255	7.136	0.005	0.2	0.0005	0.0000OK	3.021	47	0.2	0.087	0.000	0.5357
								Infiltration		0.0			
600 minute winter	47	255	6.971	0.006	0.3	0.0007	0.0000OK	3.022	48	0.3	0.060	0.000	0.5628
								Infiltration		0.0			
600 minute winter	48	270	6.812	0.017	0.4	0.0021	0.0000OK	3.023	53	0.4	0.085	0.001	0.1230
								Infiltration		0.0			
600 minute winter	49	705	7.829	-0.380	111.0	0.5000	0.0000OK	Office	50	0.0			
								Infiltration		0.0			
600 minute winter	50	15	7.403	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.5000
600 minute winter	51	15	7.300	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.5000
600 minute winter	52	15	7.208	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.5000
600 minute winter	53	405	6.804	0.019	0.5	0.0023	0.0000OK	3.024	54	0.5	0.117	0.000	0.9251
								Infiltration		0.1			
600 minute winter	54	405	6.804	0.179	0.6	0.0215	0.0000OK	3.025	54_OUT	0.6	0.032	0.000	2.6098
								Infiltration		0.2			
600 minute winter	54_OUT	405	6.804	0.299	0.7	0.0359	0.0000OK	Infiltration		0.3			

600 minute winter	55	285	8.466	0.020	0.3	0.0076	0.0000OK	5.000	56	0.3	0.296	0.041	0.0243
600 minute winter	56	300	8.437	0.021	0.8	0.0408	0.0000OK	5.001	57	0.5	0.259	0.041	0.0427
								Infiltration		0.1			
600 minute winter	57	300	8.341	0.031	0.8	0.0361	0.0000OK	5.002	58	0.7	0.268	0.093	0.1207
								Infiltration		0.1			
600 minute winter	58	360	8.298	0.053	1.0	0.2009	0.0000OK	5.003	59	0.9	0.272	0.115	0.1893
								Infiltration		0.3			
600 minute winter	59	360	8.293	0.093	1.2	0.4606	0.0000OK	5.004	60	0.7	0.043	0.001	2.1521
								Infiltration		0.3			
600 minute winter	60	360	8.298	0.113	1.0	0.0384	0.0000OK	5.005	61	0.3	0.029	0.000	4.9074
								Infiltration		0.3			
600 minute winter	61	360	8.298	0.152	0.8	0.0556	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.5			
600 minute winter	62	345	8.143	0.007	0.3	0.0624	0.0000OK	5.007	63	0.3	0.042	0.000	2.8827
600 minute winter	63	405	7.963	0.127	0.6	0.0431	0.0000OK	5.008	63_OUT	0.2	0.018	0.000	2.6840
								Infiltration		0.3			
600 minute winter	63_OUT	405	7.963	0.198	0.4	0.0872	0.0000OK			0.3			
600 minute winter	64	420	6.240	0.055	0.1	0.0089	0.0000OK	6.000	65	0.1	0.041	0.000	0.5316
600 minute winter	65	420	6.240	0.115	0.2	0.0185	0.0000OK	6.001	66	0.1	0.039	0.000	1.0024
								Infiltration		0.1			
600 minute winter	66	420	6.240	0.147	0.3	0.0233	0.0000OK	6.002	67	0.0	-0.002	0.000	0.6497
								Infiltration		0.1			
600 minute winter	67	420	6.240	0.194	0.1	0.0255	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
600 minute winter	68	240	6.079	0.003	0.1	0.0004	0.0000OK	6.004	69	0.1	0.029	0.000	1.5359
600 minute winter	69	420	5.927	0.182	0.2	0.0258	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
600 minute winter	70	420	5.758	0.004	0.1	0.0008	0.0000OK	6.006	71	0.1	0.034	0.000	0.2042
600 minute winter	71	420	5.758	0.074	0.2	0.0118	0.0000OK	6.007	72	0.1	0.009	0.000	1.0434
								Infiltration		0.1			
600 minute winter	72	420	5.758	0.074	0.2	0.0118	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
600 minute winter	73	420	5.858	0.154	0.1	0.0248	0.0000OK	6.009	74	0.1	0.016	0.000	0.8012
600 minute winter	74	420	5.858	0.154	0.2	0.0248	0.0000OK	6.010	75	0.2	0.043	0.000	0.8808
								Infiltration		0.1			
600 minute winter	75	420	5.858	0.154	0.3	0.0246	0.0000OK	6.011	76	0.3	0.030	0.000	0.5492
								Infiltration		0.1			
600 minute winter	76	420	5.858	0.224	0.4	0.0340	0.0000OK	6.012	76_OUT	0.1	0.005	0.000	0.9820
								Infiltration		0.1			
600 minute winter	76_OUT	420	5.858	0.224	0.2	0.0358	0.0000OK			0.1			
								Infiltration		0.1			

Results for 2 year 720 minute summer, 960 minute analysis at 15 minute timestep, Mass balance: 93.26%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute summer	1	365	9.631	0.331	0.0	0.0000	0.0000	FLOOD RISK	1.000	2	0.1	0.003	0.004	0.4853	
720 minute summer	2	375	9.630	0.380	0.1	0.0500	0.0000	FLOOD RISK	1.001	3	5.1	0.603	0.005	1.1264	
720 minute summer	3	360	9.632	0.482	0.4	0.0500	0.0000	FLOOD RISK	1.002	4	-0.4	-0.698	-0.018	0.4988	
720 minute summer	4	360	9.633	0.533	8.3	0.0000	0.0000	FLOOD RISK	1.003	5	-8.3	-0.265	-0.273	0.8441	
720 minute summer	5	360	9.634	0.634	9.9	0.0000	0.0000	FLOOD RISK	1.004	6	-9.9	-0.317	-0.258	0.1621	
720 minute summer	6	365	9.634	0.734	16.8	6.0538	0.0000	FLOOD RISK	1.005	7	-10.2	0.681	-0.211	0.7790	
720 minute summer	7	360	9.632	0.882	13.5	3.5802	0.0000	FLOOD RISK	1.006	8	13.9	0.648	0.198	2.4923	
720 minute summer	8	360	9.629	1.079	23.0	7.4684	0.0000	FLOOD RISK	1.007	9	23.0	0.638	0.213	5.9230	
720 minute summer	9	360	9.628	1.278	38.0	12.4957	0.0000	FLOOD RISK	1.008	10	38.1	0.592	0.181	3.1360	
720 minute summer	10	360	9.625	1.325	40.9	2.3491	0.0000	FLOOD RISK	1.009	11	41.0	0.450	0.277	47.8513	
720 minute summer	11	365	9.603	1.603	41.0	0.0000	0.0000	FLOOD RISK	1.010	12	41.0	0.407	0.142	53.3278	
720 minute summer	12	225	7.750	1.000	41.0	0.0000	0.0000	FLOOD RISK	1.011	13	41.0	0.327	0.209	0.2585	
720 minute summer	13	380	9.582	0.082	41.0	0.0000	0.0000	OK	1.012	13_OUT	41.0	2.880	0.033	0.0824	
720 minute summer	13_OUT	360	7.679	0.148	41.0	0.0000	0.0000	OK	Flow through pond	49	87.1	0.024	0.000	820.0251	
720 minute summer	14	360	9.604	0.304	1.0	0.0000	0.0000	FLOOD RISK	2.000	15	-1.0	-0.031	-0.032	0.8138	
720 minute summer	15	375	9.604	0.518	0.0	4.1047	0.0000	FLOOD RISK	2.001	16	8.0	0.580	0.124	0.9254	
720 minute summer	16	375	9.602	0.611	6.0	0.0000	0.0000	FLOOD RISK	2.002	17	6.0	0.555	0.122	0.6320	
720 minute summer	17	375	9.601	0.742	9.1	2.3031	0.0000	FLOOD RISK	2.003	18	9.1	0.554	0.116	1.8750	
720 minute summer	18	375	9.600	0.919	19.6	5.7507	0.0000	FLOOD RISK	2.004	19	19.6	0.554	0.132	5.4890	
720 minute summer	19	375	9.598	1.142	29.5	10.2962	0.0000	FLOOD RISK	2.005	20	29.5	0.575	0.150	4.0628	
720 minute summer	20	375	9.597	1.188	29.5	0.0000	0.0000	FLOOD RISK	2.006	21	29.5	0.890	0.149	3.4979	
720 minute summer	21	375	9.596	1.224	29.5	0.0000	0.0000	FLOOD RISK	2.007	22	29.5	0.680	0.050	3.7404	
720 minute summer	22	375	9.595	1.595	37.8	8.9282	0.0000	FLOOD RISK	2.008	23	37.8	0.479	0.131	53.3017	
720 minute summer	23	210	7.750	1.000	37.8	0.0000	0.0000	FLOOD RISK	2.009	24	37.8	0.303	0.192	0.2577	
720 minute summer	24	375	9.559	0.059	37.8	0.0000	0.0000	OK	2.010	24_OUT	37.8	2.900	0.031	0.0778	
720 minute summer	24_OUT	375	7.673	0.138	37.8	0.0000	0.0000	OK	Flow through pond	49	87.1	0.024	0.000	820.0251	
720 minute summer	25	375	8.818	0.020	0.7	0.0130	0.0000	OK	3.000	26	0.7	0.388	0.039	0.0644	
720 minute summer	26	375	8.483	0.020	1.4	0.0522	0.0000	OK	3.001	27	1.2	0.519	0.074	0.0900	
720 minute summer	27	375	8.144	0.028	1.9	0.0847	0.0000	OK	Infiltration		0.2				
											1.6	0.657	0.079	0.0793	
											0.3				
720 minute summer	28	375	7.725	0.630	2.3	0.0529	0.0000	OK	Infiltration		2.1	0.785	0.039	0.0901	
											0.2				
											0.2				
720 minute summer	29	375	7.098	0.033	2.8	0.0487	0.0000	OK	Infiltration		2.7	0.807	0.095	0.0186	
											0.2				
											0.2				
720 minute summer	30	375	8.649	0.024	2.8	0.0028	0.0000	OK	3.005	31	2.8	0.150	0.001	0.6793	
720 minute summer	31	375	8.780	0.095	2.9	0.0114	0.0000	OK	3.006	32	2.1	0.080	0.001	1.0461	
720 minute summer									Infiltration		0.7				

720 minute summer	32	375	8.790	0.145	2.2	0.0174	0.0000OK	3.007	33	0.5	0.011	0.000	0.7850
								Infiltration		0.8			
								Infiltration		0.9			
720 minute summer	33	375	8.790	0.015	0.6	0.0018	0.0000OK	3.008	34	0.5	0.008	0.000	0.0848
720 minute summer	34	375	8.755	0.010	0.7	0.0012	0.0000OK	3.009	35	0.5	0.125	0.000	0.0448
								Infiltration		0.1			
720 minute summer	35	375	6.883	0.008	0.6	0.0009	0.0000OK	3.010	36	0.0	0.027	0.000	0.5824
								Infiltration		0.0			
720 minute summer	36	390	8.542	0.137	0.7	0.0156	0.0000OK	3.011	37	0.0	0.000	0.000	0.0000
								Infiltration		0.0			
720 minute summer	37	330	6.508	0.003	0.1	0.0003	0.0000OK	3.012	38	0.1	0.023	0.000	0.5361
720 minute summer	38	435	6.347	0.082	0.7	0.0098	0.0000OK	3.013	39	-0.5	-0.087	0.000	0.3803
								Infiltration		0.3			
								Infiltration		0.4			
720 minute summer	39	330	8.462	0.007	0.5	0.0008	0.0000OK	3.014	40	-0.4	-0.130	0.000	0.0401
								Infiltration		0.0			
720 minute summer	40	330	6.701	0.006	0.4	0.0007	0.0000OK	3.015	41	-0.3	-0.118	0.000	0.0386
								Infiltration		0.0			
720 minute summer	41	330	6.871	0.008	0.3	0.0007	0.0000OK	3.016	42	-0.2	-0.097	0.000	0.0324
								Infiltration		0.0			
720 minute summer	42	330	7.089	0.004	0.3	0.0005	0.0000OK	3.017	43	-0.2	-0.084	0.000	0.0319
								Infiltration		0.0			
720 minute summer	43	330	7.150	0.008	0.2	0.0006	0.0000OK	3.018	44	-0.1	-0.032	0.000	0.0251
								Infiltration		0.0			
720 minute summer	44	330	7.228	0.003	0.1	0.0003	0.0000OK	3.019	45	0.0	0.023	0.000	0.0202
720 minute summer	45	345	7.189	0.004	0.1	0.0005	0.0000OK	3.020	46	0.1	0.058	0.000	0.0288
								Infiltration		0.0			
720 minute summer	46	345	7.130	0.005	0.2	0.0005	0.0000OK	3.021	47	0.2	0.087	0.000	0.0357
								Infiltration		0.0			
720 minute summer	47	345	6.971	0.008	0.3	0.0007	0.0000OK	3.022	48	0.3	0.060	0.000	0.0828
								Infiltration		0.0			
720 minute summer	48	360	8.812	0.017	0.4	0.0021	0.0000OK	3.023	49	0.4	0.085	0.001	0.0861
								Infiltration		0.0			
720 minute summer	49	810	7.810	-0.390	89.8	0.0000	0.0000OK	Crifice	50	0.0			
								Infiltration		0.0			
720 minute summer	50	15	7.400	0.003	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
720 minute summer	51	15	7.360	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
720 minute summer	52	15	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
720 minute summer	53	300	6.792	0.007	0.5	0.0009	0.0000OK	3.024	54	0.5	0.117	0.000	0.0833
								Infiltration		0.0			
720 minute summer	54	450	8.774	0.143	0.6	0.0178	0.0000OK	3.025	54_OUT	0.5	0.032	0.000	2.2688
								Infiltration		0.2			
720 minute summer	54_OUT	450	8.774	0.288	0.7	0.0323	0.0000OK	Infiltration		0.3			

720 minute summer	55	375	8.470	0.024	0.4	0.0083	0.0000OK	5.000	56	0.4	0.224	0.054	0.0300
720 minute summer	56	375	8.440	0.024	0.8	0.0531	0.0000OK	5.001	57	0.7	0.282	0.058	0.0532
								Infiltration		0.1			
720 minute summer	57	375	8.348	0.038	1.1	0.0471	0.0000OK	5.002	58	1.0	0.291	0.127	0.1099
								Infiltration		0.1			
720 minute summer	58	405	8.292	0.047	1.4	0.1012	0.0000OK	5.003	59	1.2	0.274	0.181	0.1703
								Infiltration		0.3			
720 minute summer	59	405	8.292	0.087	1.6	0.4232	0.0000OK	5.004	60	0.9	0.648	0.001	2.0058
								Infiltration		0.3			
720 minute summer	60	405	8.282	0.107	1.3	0.0383	0.0000OK	5.005	61	0.4	0.028	0.000	3.7804
								Infiltration		0.3			
720 minute summer	61	405	8.292	0.156	0.8	0.0533	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.4			
720 minute summer	62	375	8.145	0.008	0.4	0.0928	0.0000OK	5.007	63	0.4	0.642	0.000	2.3285
720 minute summer	63	450	7.948	0.112	0.8	0.0381	0.0000OK	5.008	63_OUT	0.2	0.018	0.000	2.3888
								Infiltration		0.2			
720 minute summer	63_OUT	450	7.948	0.183	0.4	0.0622	0.0000OK	Infiltration		0.3			
720 minute summer	64	485	8.254	0.088	0.2	0.0110	0.0000OK	6.000	65	0.1	0.641	0.000	0.8252
720 minute summer	65	465	8.254	0.128	0.3	0.0206	0.0000OK	6.001	66	0.1	0.638	0.000	1.1251
								Infiltration		0.1			
720 minute summer	66	465	8.254	0.161	0.3	0.0254	0.0000OK	6.002	67	-0.1	-0.002	0.000	0.7185
								Infiltration		0.1			
720 minute summer	67	465	8.254	0.178	0.2	0.0275	0.0000OK	6.003	68	0.0	0.600	0.000	0.0000
								Infiltration		0.1			
720 minute summer	68	375	8.080	0.004	0.2	0.0007	0.0000OK	6.004	69	0.2	0.628	0.000	1.6395
720 minute summer	69	465	5.938	0.171	0.4	0.0273	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
720 minute summer	70	485	5.771	0.016	0.2	0.0028	0.0000OK	6.006	71	0.2	0.634	0.000	0.2705
720 minute summer	71	465	5.771	0.088	0.4	0.0138	0.0000OK	6.007	72	0.1	0.609	0.000	1.2419
								Infiltration		0.1			
720 minute summer	72	465	5.771	0.088	0.3	0.0138	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
720 minute summer	73	485	5.872	0.167	0.2	0.0267	0.0000OK	6.009	74	0.1	0.018	0.000	0.6850
720 minute summer	74	465	5.872	0.167	0.3	0.0267	0.0000OK	6.010	75	0.2	0.643	0.000	0.7531
								Infiltration		0.1			
720 minute summer	75	465	5.872	0.167	0.3	0.0267	0.0000OK	6.011	76	0.3	0.630	0.000	0.9241
								Infiltration		0.1			
720 minute summer	76	485	5.872	0.237	0.4	0.0380	0.0000OK	6.012	76_OUT	0.1	0.605	0.000	1.0575
								Infiltration		0.1			
720 minute summer	76_OUT	465	5.872	0.237	0.2	0.0378	0.0000OK	Infiltration		0.1			

Results for 2 year 720 minute winter, 960 minute analysis at 15 minute timestep, Mass balance: 93.91%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
720 minute winter	1	375	9.593	0.293	0.8	0.0009	0.0000	FLOOD RISK	1.000	2	-0.8	-0.020	-0.020	0.4653	
720 minute winter	2	375	9.593	0.343	0.8	0.0000	0.0000	FLOOD RISK	1.001	3	-0.8	-0.025	-0.038	1.1254	
720 minute winter	3	375	9.593	0.443	1.4	0.0000	0.0000	FLOOD RISK	1.002	4	-1.4	-0.044	-0.093	0.4936	
720 minute winter	4	375	9.593	0.493	1.9	0.0000	0.0000	FLOOD RISK	1.003	5	-1.9	-0.061	-0.083	0.8441	
720 minute winter	5	375	9.593	0.593	2.4	0.0000	0.0000	FLOOD RISK	1.004	6	-2.4	-0.078	-0.065	0.1621	
720 minute winter	6	375	9.593	0.693	11.0	5.7128	0.0000	FLOOD RISK	1.005	7	-6.1	0.027	-0.120	0.7796	
720 minute winter	7	375	9.592	0.842	9.3	3.4309	0.0000	FLOOD RISK	1.006	8	9.3	0.618	0.132	2.4923	
720 minute winter	8	375	9.593	1.040	16.2	7.1385	0.0000	FLOOD RISK	1.007	9	16.2	0.617	0.149	5.9230	
720 minute winter	9	375	9.588	1.238	27.5	12.9355	0.0000	FLOOD RISK	1.008	10	27.5	0.585	0.116	3.1380	
720 minute winter	10	375	9.587	1.287	29.6	2.2819	0.0000	FLOOD RISK	1.009	11	29.6	0.476	0.200	47.5613	
720 minute winter	11	375	9.575	1.575	29.6	0.0000	0.0000	FLOOD RISK	1.010	12	29.6	0.443	0.103	53.3278	
720 minute winter	12	195	7.750	1.900	29.8	0.0000	0.0000	FLOOD RISK	1.011	13	29.8	0.240	0.151	0.2550	
720 minute winter	13	375	9.553	0.953	29.8	0.0000	0.0000	OK	1.012	13_OUT	29.8	2.700	0.024	0.0657	
720 minute winter	13_OUT	375	7.653	0.120	29.6	0.0000	0.0000	OK	Flow through pond	49	95.2	0.020	0.000	960.4987	
720 minute winter	14	375	9.577	0.277	1.5	0.0000	0.0000	FLOOD RISK	2.000	15	-1.5	-0.050	-0.048	0.8136	
720 minute winter	15	375	9.577	0.491	5.8	3.8946	0.0000	FLOOD RISK	2.001	16	4.5	0.559	0.090	0.9254	
720 minute winter	16	375	9.576	0.585	4.5	0.0000	0.0000	FLOOD RISK	2.002	17	4.5	0.544	0.091	0.8320	
720 minute winter	17	375	9.576	0.717	6.8	2.2245	0.0000	FLOOD RISK	2.003	18	6.8	0.552	0.087	1.8750	
720 minute winter	18	375	9.575	0.894	12.4	5.8252	0.0000	FLOOD RISK	2.004	19	12.4	0.564	0.099	5.4896	
720 minute winter	19	375	9.574	1.118	22.1	10.9817	0.0000	FLOOD RISK	2.005	20	22.1	0.567	0.112	4.0628	
720 minute winter	20	375	9.573	1.182	22.1	0.0000	0.0000	FLOOD RISK	2.006	21	22.1	0.825	0.112	3.4979	
720 minute winter	21	375	9.573	1.201	22.1	0.0000	0.0000	FLOOD RISK	2.007	22	22.1	0.719	0.037	3.7404	
720 minute winter	22	375	9.572	1.572	28.4	6.8303	0.0000	FLOOD RISK	2.008	23	28.4	0.437	0.098	53.3017	
720 minute winter	23	195	7.750	1.000	28.4	0.0000	0.0000	FLOOD RISK	2.009	24	28.4	0.231	0.145	0.2546	
720 minute winter	24	375	9.552	0.952	28.4	0.0000	0.0000	OK	2.010	24_OUT	28.4	2.667	0.023	0.0638	
720 minute winter	24_OUT	375	7.650	0.116	28.4	0.0000	0.0000	OK	Flow through pond	49	95.2	0.020	0.000	960.4987	
720 minute winter	25	345	8.813	0.017	0.5	0.0116	0.0000	OK	3.000	26	0.5	0.356	0.028	0.0602	
720 minute winter	26	345	8.456	0.023	1.0	0.0391	0.0000	OK	3.001	27	0.8	0.489	0.051	0.0695	
720 minute winter	27							Infiltration			0.2				
720 minute winter	27	345	8.138	0.024	1.3	0.0471	0.0000	OK	3.002	28	1.1	0.585	0.053	0.0602	
720 minute winter	28							Infiltration			0.2				
720 minute winter	28	345	7.720	0.025	1.5	0.0384	0.0000	OK	3.003	29	1.4	0.793	0.060	0.0736	
720 minute winter	29							Infiltration			0.2				
720 minute winter	29	345	7.092	0.027	1.9	0.0300	0.0000	OK	3.004	30	1.8	0.887	0.065	0.0141	
720 minute winter	30							Infiltration			0.1				
720 minute winter	30	360	6.844	0.019	1.9	0.0023	0.0000	OK	3.005	31	1.9	0.138	0.001	0.5434	
720 minute winter	31	465	6.774	0.019	2.0	0.0094	0.0000	OK	3.006	32	1.4	0.080	0.001	0.8782	
720 minute winter	32							Infiltration			0.6				

720 minute winter	32	465	6.773	0.128	1.8	0.0154	0.0000OK	3.007	33	-0.1	-0.034	0.000	0.5700
								Infiltration		0.7			
								Infiltration		0.8			
720 minute winter	33	300	6.777	0.002	0.1	0.0003	0.0000OK	3.008	34	0.0	0.000	0.000	0.5184
720 minute winter	34	315	6.748	0.003	0.1	0.0004	0.0000OK	3.009	35	0.1	0.055	0.000	0.5171
								Infiltration		0.0			
720 minute winter	35	315	6.678	0.004	0.2	0.0004	0.0000OK	3.010	36	0.2	0.027	0.000	0.2791
								Infiltration		0.0			
720 minute winter	36	465	6.578	0.073	0.3	0.0003	0.0000OK	3.011	37	0.0	0.000	0.000	0.5000
								Infiltration		0.3			
720 minute winter	37	300	6.508	0.003	0.1	0.0003	0.0000OK	3.012	38	0.1	0.023	0.000	0.5365
720 minute winter	38	485	6.347	0.062	0.7	0.0008	0.0000OK	3.013	39	-0.5	-0.087	0.000	0.3605
								Infiltration		0.3			
								Infiltration		0.4			
720 minute winter	39	300	6.462	0.007	0.5	0.0008	0.0000OK	3.014	40	-0.4	-0.130	0.000	0.5401
								Infiltration		0.0			
720 minute winter	40	300	6.701	0.006	0.4	0.0007	0.0000OK	3.015	41	-0.3	-0.116	0.000	0.0386
								Infiltration		0.0			
720 minute winter	41	300	6.871	0.006	0.3	0.0007	0.0000OK	3.016	42	-0.2	-0.097	0.000	0.0324
								Infiltration		0.0			
720 minute winter	42	300	7.669	0.004	0.3	0.0005	0.0000OK	3.017	43	-0.2	-0.084	0.000	0.0318
								Infiltration		0.0			
720 minute winter	43	300	7.150	0.005	0.2	0.0006	0.0000OK	3.018	44	-0.1	-0.032	0.000	0.0251
								Infiltration		0.0			
720 minute winter	44	300	7.228	0.003	0.1	0.0003	0.0000OK	3.019	45	0.0	0.023	0.000	0.0202
720 minute winter	45	315	7.199	0.004	0.1	0.0005	0.0000OK	3.020	46	0.1	0.059	0.000	0.0288
								Infiltration		0.0			
720 minute winter	46	315	7.136	0.005	0.2	0.0005	0.0000OK	3.021	47	0.2	0.087	0.000	0.0357
								Infiltration		0.0			
720 minute winter	47	315	6.971	0.006	0.3	0.0007	0.0000OK	3.022	48	0.3	0.060	0.000	0.0628
								Infiltration		0.0			
720 minute winter	48	330	6.812	0.017	0.4	0.0021	0.0000OK	3.023	49	0.4	0.085	0.001	0.1230
								Infiltration		0.0			
720 minute winter	49	750	7.826	-0.374	96.8	0.5000	0.0000OK	Office	50	0.0			
								Infiltration		0.0			
720 minute winter	50	15	7.403	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.5000
720 minute winter	51	15	7.300	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.5000
720 minute winter	52	15	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
720 minute winter	53	485	6.804	0.019	0.5	0.0023	0.0000OK	3.024	54	0.5	0.117	0.000	0.0251
								Infiltration		0.1			
720 minute winter	54	465	6.804	0.179	0.6	0.0215	0.0000OK	3.025	54_OUT	0.6	0.032	0.000	2.6098
								Infiltration		0.2			
720 minute winter	54_OUT	465	6.804	0.299	0.7	0.0359	0.0000OK	Infiltration		0.3			

720 minute winter	55	360	8.466	0.020	0.3	0.0076	0.0000OK	5.000	56	0.3	0.296	0.041	0.0243
720 minute winter	56	375	8.437	0.021	0.6	0.0408	0.0000OK	5.001	57	0.5	0.259	0.041	0.0427
								Infiltration		0.1			
720 minute winter	57	375	8.341	0.031	0.8	0.0361	0.0000OK	5.002	58	0.7	0.268	0.093	0.0854
								Infiltration		0.1			
720 minute winter	58	465	8.288	0.043	1.0	0.1334	0.0000OK	5.003	59	0.9	0.272	0.116	0.1556
								Infiltration		0.2			
720 minute winter	59	465	8.287	0.082	1.2	0.3946	0.0000OK	5.004	60	0.7	0.045	0.001	1.8921
								Infiltration		0.3			
720 minute winter	60	465	8.287	0.102	1.0	0.0347	0.0000OK	5.005	61	0.3	0.029	0.000	3.6318
								Infiltration		0.3			
720 minute winter	61	485	8.287	0.151	0.8	0.0514	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.4			
720 minute winter	62	380	8.143	0.007	0.3	0.0624	0.0000OK	5.007	63	0.3	0.042	0.000	2.4503
720 minute winter	63	465	7.953	0.117	0.6	0.0396	0.0000OK	5.008	63_OUT	0.2	0.018	0.000	2.4912
								Infiltration		0.2			
720 minute winter	63_OUT	485	7.953	0.168	0.4	0.0646	0.0000OK			0.3			
720 minute winter	64	495	6.248	0.064	0.1	0.0103	0.0000OK	6.000	65	0.1	0.041	0.000	0.5940
720 minute winter	65	495	6.248	0.124	0.2	0.0199	0.0000OK	6.001	66	0.1	0.039	0.000	1.0843
								Infiltration		0.1			
720 minute winter	66	495	6.248	0.156	0.3	0.0247	0.0000OK	6.002	67	0.0	-0.002	0.000	0.6956
								Infiltration		0.1			
720 minute winter	67	495	6.248	0.170	0.1	0.0209	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
720 minute winter	68	265	6.079	0.003	0.1	0.0004	0.0000OK	6.004	69	0.1	0.029	0.000	1.6298
720 minute winter	69	495	5.935	0.170	0.2	0.0272	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
720 minute winter	70	495	5.762	0.007	0.1	0.0011	0.0000OK	6.006	71	0.1	0.034	0.000	0.2198
720 minute winter	71	495	5.762	0.077	0.2	0.0123	0.0000OK	6.007	72	0.1	0.009	0.000	1.0904
								Infiltration		0.1			
720 minute winter	72	495	5.762	0.077	0.2	0.0123	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
720 minute winter	73	495	5.873	0.168	0.1	0.0288	0.0000OK	6.009	74	0.1	0.016	0.000	0.8694
720 minute winter	74	495	5.873	0.168	0.2	0.0288	0.0000OK	6.010	75	0.2	0.043	0.000	0.7581
								Infiltration		0.1			
720 minute winter	75	495	5.873	0.168	0.3	0.0268	0.0000OK	6.011	76	0.3	0.030	0.000	0.9293
								Infiltration		0.1			
720 minute winter	76	495	5.873	0.238	0.4	0.0381	0.0000OK	6.012	76_OUT	0.1	0.005	0.000	1.0627
								Infiltration		0.1			
720 minute winter	76_OUT	495	5.873	0.238	0.2	0.0380	0.0000OK			0.1			
								Infiltration		0.1			

Results for 2 year 960 minute summer, 1200 minute analysis at 15 minute timestep. Mass balance: 93.63%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
960 minute summer	1	465	9.606	0.308	0.1	0.0003	0.0000	FLOOD RISK	1.000	2	0.3	0.010	0.014	0.4853	
960 minute summer	2	465	9.605	0.355	0.3	0.0000	0.0000	FLOOD RISK	1.001	3	0.5	0.017	0.027	1.1264	
960 minute summer	3	465	9.604	0.454	2.3	0.0000	0.0000	FLOOD RISK	1.002	4	-2.3	-0.271	-0.107	0.4988	
960 minute summer	4	465	9.604	0.504	5.5	0.0000	0.0000	FLOOD RISK	1.003	5	-5.5	-0.297	-0.238	0.8441	
960 minute summer	5	465	9.604	0.604	8.7	0.0000	0.0000	FLOOD RISK	1.004	6	-8.7	-0.214	-0.179	0.1621	
960 minute summer	6	465	9.603	0.703	11.6	5.7985	0.0000	FLOOD RISK	1.005	7	7.6	0.618	0.157	0.7790	
960 minute summer	7	485	9.600	0.850	10.9	3.4604	0.0000	FLOOD RISK	1.006	8	11.2	0.580	0.159	2.4923	
960 minute summer	8	495	9.598	1.048	17.7	7.1938	0.0000	FLOOD RISK	1.007	9	18.1	0.578	0.168	5.9230	
960 minute summer	9	495	9.595	1.245	29.7	12.1109	0.0000	FLOOD RISK	1.008	10	29.7	0.543	0.125	3.1360	
960 minute summer	10	495	9.595	1.295	32.0	2.2955	0.0000	FLOOD RISK	1.009	11	32.0	0.403	0.217	47.8513	
960 minute summer	11	495	9.581	1.581	32.0	0.0000	0.0000	FLOOD RISK	1.010	12	32.0	0.374	0.111	63.3278	
960 minute summer	12	270	7.750	1.000	32.0	0.0000	0.0000	FLOOD RISK	1.011	13	32.0	0.259	0.183	0.2556	
960 minute summer	13	495	9.555	0.055	32.0	0.0000	0.0000	OK	1.012	13_OUT	32.0	2.788	0.029	0.0893	
960 minute summer	13_OUT	495	7.659	0.125	32.0	0.0000	0.0000	OK	Flow through pond	49	73.0	0.018	0.000	898.6800	
960 minute summer	14	495	9.584	0.284	0.1	0.0000	0.0000	FLOOD RISK	2.000	15	0.2	0.008	0.008	0.8138	
960 minute summer	15	495	9.584	0.498	5.5	3.9458	0.0000	FLOOD RISK	2.001	16	4.9	0.524	0.101	0.9254	
960 minute summer	16	495	9.583	0.592	4.9	0.0000	0.0000	FLOOD RISK	2.002	17	4.9	0.525	0.099	0.6320	
960 minute summer	17	495	9.582	0.723	7.4	2.2437	0.0000	FLOOD RISK	2.003	18	7.4	0.511	0.095	1.8750	
960 minute summer	18	495	9.581	0.903	13.5	5.6633	0.0000	FLOOD RISK	2.004	19	13.5	0.519	0.107	5.4890	
960 minute summer	19	495	9.580	1.124	24.0	10.1341	0.0000	FLOOD RISK	2.005	20	24.0	0.529	0.122	4.0628	
960 minute summer	20	495	9.579	1.188	24.0	0.0000	0.0000	FLOOD RISK	2.006	21	24.0	0.719	0.121	3.4979	
960 minute summer	21	495	9.579	1.207	24.0	0.0000	0.0000	FLOOD RISK	2.007	22	24.0	0.601	0.040	3.7404	
960 minute summer	22	495	9.578	1.578	30.8	8.8545	0.0000	FLOOD RISK	2.008	23	30.8	0.448	0.107	53.3017	
960 minute summer	23	270	7.750	1.000	30.8	0.0000	0.0000	FLOOD RISK	2.009	24	30.8	0.249	0.157	0.2556	
960 minute summer	24	495	9.554	0.054	30.8	0.0000	0.0000	OK	2.010	24_OUT	30.8	2.734	0.025	0.0675	
960 minute summer	24_OUT	495	7.650	0.122	30.8	0.0000	0.0000	OK	Flow through pond	49	73.0	0.018	0.000	898.6800	
960 minute summer	25	495	8.815	0.019	0.6	0.0120	0.0000	OK	3.000	26	0.6	0.373	0.030	0.0575	
960 minute summer	26	495	8.480	0.025	1.2	0.0457	0.0000	OK	3.001	27	1.0	0.495	0.083	0.0804	
								Infiltration			0.2				
960 minute summer	27	495	8.141	0.028	1.6	0.0560	0.0000	OK	3.002	28	1.3	0.623	0.086	0.0700	
								Infiltration			0.3				
960 minute summer	28	495	7.723	0.628	1.9	0.0452	0.0000	OK	3.003	29	1.6	0.747	0.075	0.0848	
								Infiltration			0.2				
960 minute summer	29	495	7.095	0.030	2.4	0.0423	0.0000	OK	3.004	30	2.2	0.821	0.080	0.0194	
								Infiltration			0.1				
960 minute summer	30	495	8.647	0.022	2.3	0.0025	0.0000	OK	3.005	31	2.3	0.135	0.001	0.6038	
960 minute summer	31	510	8.782	0.087	2.4	0.0104	0.0000	OK	3.006	32	1.7	0.090	0.001	0.9595	
								Infiltration			0.7				

960 minute summer	32	516	8.782	0.137	1.8	0.0164	0.0000OK	3.007	33	-0.1	-0.005	0.000	0.0285
								Infiltration		0.8			
								Infiltration		0.9			
960 minute summer	33	516	8.782	0.007	0.2	0.0008	0.0000OK	3.008	34	0.2	0.052	0.000	0.0390
960 minute summer	34	516	8.750	0.605	0.3	0.0005	0.0000OK	3.009	35	0.2	0.082	0.000	0.0250
								Infiltration		0.1			
960 minute summer	35	516	6.880	0.005	0.3	0.0008	0.0000OK	3.010	36	0.3	0.027	0.000	0.0324
								Infiltration		0.0			
960 minute summer	36	516	8.589	0.084	0.4	0.0006	0.0000OK	3.011	37	0.0	0.000	0.000	0.0000
								Infiltration		0.3			
960 minute summer	37	435	6.508	0.003	0.1	0.0003	0.0000OK	3.012	38	0.1	0.023	0.000	0.5364
960 minute summer	38	579	6.347	0.682	0.7	0.0008	0.0000OK	3.013	39	-0.5	-0.087	0.000	0.3804
								Infiltration		0.3			
								Infiltration		0.4			
960 minute summer	39	435	8.462	0.007	0.5	0.0008	0.0000OK	3.014	40	-0.4	-0.130	0.000	0.0461
								Infiltration		0.0			
960 minute summer	40	435	6.701	0.006	0.4	0.0007	0.0000OK	3.015	41	-0.3	-0.118	0.000	0.0386
								Infiltration		0.0			
960 minute summer	41	435	6.871	0.008	0.3	0.0007	0.0000OK	3.016	42	-0.2	-0.097	0.000	0.0324
								Infiltration		0.0			
960 minute summer	42	435	7.089	0.604	0.3	0.0005	0.0000OK	3.017	43	-0.2	-0.084	0.000	0.0319
								Infiltration		0.0			
960 minute summer	43	435	7.150	0.005	0.2	0.0008	0.0000OK	3.018	44	-0.1	-0.032	0.000	0.0251
								Infiltration		0.0			
960 minute summer	44	435	7.228	0.003	0.1	0.0003	0.0000OK	3.019	45	0.0	0.023	0.000	0.0202
960 minute summer	45	450	7.189	0.604	0.1	0.0005	0.0000OK	3.020	46	0.1	0.058	0.000	0.0288
								Infiltration		0.0			
960 minute summer	46	450	7.136	0.005	0.2	0.0005	0.0000OK	3.021	47	0.2	0.087	0.000	0.0357
								Infiltration		0.0			
960 minute summer	47	450	6.971	0.008	0.3	0.0007	0.0000OK	3.022	48	0.3	0.060	0.000	0.0828
								Infiltration		0.0			
960 minute summer	48	465	8.812	0.017	0.4	0.0021	0.0000OK	3.023	49	0.4	0.085	0.001	0.0861
								Infiltration		0.0			
960 minute summer	49	1080	7.819	-0.381	74.7	0.0000	0.0000OK	Crifice	50	0.0			
								Infiltration		0.0			
960 minute summer	50	15	7.400	0.003	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
960 minute summer	51	15	7.360	0.600	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
960 minute summer	52	15	7.260	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
960 minute summer	53	405	6.792	0.007	0.5	0.0009	0.0000OK	3.024	54	0.5	0.117	0.000	0.8088
								Infiltration		0.0			
960 minute summer	54	570	8.792	0.167	0.6	0.0201	0.0000OK	3.025	54_OUT	0.6	0.032	0.000	2.5240
								Infiltration		0.2			
960 minute summer	54_OUT	576	8.792	0.287	0.7	0.0345	0.0000OK	Infiltration		0.3			

960 minute summer	55	485	8.486	0.020	0.3	0.0073	0.0000OK	5.000	56	0.3	0.208	0.041	0.0243
960 minute summer	56	495	8.437	0.021	0.6	0.0408	0.0000OK	5.001	57	0.5	0.258	0.041	0.0427
								Infiltration		0.1			
960 minute summer	57	495	8.341	0.031	0.8	0.0361	0.0000OK	5.002	58	0.7	0.268	0.083	0.0687
								Infiltration		0.1			
960 minute summer	58	555	8.283	0.038	1.0	0.1053	0.0000OK	5.003	59	0.9	0.272	0.115	0.1385
								Infiltration		0.2			
960 minute summer	59	555	8.282	0.077	1.2	0.3615	0.0000OK	5.004	60	0.7	0.645	0.001	1.7606
								Infiltration		0.3			
960 minute summer	60	555	8.281	0.098	1.0	0.0325	0.0000OK	5.005	61	0.3	0.028	0.000	3.4405
								Infiltration		0.3			
960 minute summer	61	555	8.281	0.145	0.6	0.0495	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.4			
960 minute summer	62	510	8.143	0.007	0.3	0.0924	0.0000OK	5.007	63	0.3	0.642	0.000	2.1379
960 minute summer	63	570	7.940	0.104	0.6	0.0355	0.0000OK	5.008	63_OUT	0.2	0.015	0.000	2.2408
								Infiltration		0.2			
960 minute summer	63_OUT	570	7.940	0.175	0.4	0.0598	0.0000OK	Infiltration		0.2			
960 minute summer	64	585	8.231	0.046	0.1	0.0673	0.0000OK	6.000	65	0.1	0.041	0.000	0.4852
960 minute summer	65	585	8.231	0.108	0.2	0.0169	0.0000OK	6.001	66	0.1	0.038	0.000	0.9153
								Infiltration		0.1			
960 minute summer	66	585	8.231	0.138	0.3	0.0215	0.0000OK	6.002	67	0.0	-0.002	0.000	0.6608
								Infiltration		0.1			
960 minute summer	67	585	8.231	0.153	0.1	0.0240	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
960 minute summer	68	435	8.079	0.003	0.1	0.0004	0.0000OK	6.004	69	0.1	0.028	0.000	1.4284
960 minute summer	69	585	5.917	0.163	0.2	0.0244	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
960 minute summer	70	405	5.756	0.003	0.1	0.0005	0.0000OK	6.006	71	0.1	0.034	0.000	0.1917
960 minute summer	71	585	5.755	0.079	0.2	0.0112	0.0000OK	6.007	72	0.1	0.009	0.000	0.9889
								Infiltration		0.1			
960 minute summer	72	585	5.755	0.070	0.2	0.0112	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
960 minute summer	73	585	5.844	0.138	0.1	0.0222	0.0000OK	6.009	74	0.1	0.018	0.000	0.5300
960 minute summer	74	585	5.844	0.138	0.2	0.0222	0.0000OK	6.010	75	0.2	0.043	0.000	0.6001
								Infiltration		0.1			
960 minute summer	75	585	5.844	0.133	0.3	0.0222	0.0000OK	6.011	76	0.3	0.030	0.000	0.7652
								Infiltration		0.1			
960 minute summer	76	585	5.844	0.208	0.4	0.0317	0.0000OK	6.012	76_OUT	0.1	0.005	0.000	0.8968
								Infiltration		0.1			
960 minute summer	76_OUT	585	5.844	0.208	0.2	0.0334	0.0000OK	Infiltration		0.1			

Results for 1 year 960 minute winter, 1200 minute analysis at 15 minute timestep. Mass balance: 94.28%																
Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)	
960 minute winter	1	480	9.574	0.274	0.1	0.0009	0.0000	FLOOD RISK	1.000	2	0.1	0.004	0.006	0.4853		
960 minute winter	2	480	9.574	0.324	2.0	0.0000	0.0000	FLOOD RISK	1.001	3	-2.8	-0.179	-0.133	1.1294		
960 minute winter	3	480	9.574	0.424	4.0	0.0000	0.0000	FLOOD RISK	1.002	4	-4.8	-0.157	-0.218	0.4989		
960 minute winter	4	495	9.574	0.474	9.1	0.0000	0.0000	FLOOD RISK	1.003	5	-5.1	-0.163	-0.221	0.8441		
960 minute winter	5	480	9.574	0.574	9.5	0.0000	0.0000	FLOOD RISK	1.004	8	-5.5	-0.174	-0.148	0.1521		
960 minute winter	6	495	9.574	0.674	8.8	0.0000	0.0000	FLOOD RISK	1.005	7	4.8	0.581	0.099	0.7796		
960 minute winter	7	495	9.573	0.823	7.8	0.0000	0.0000	FLOOD RISK	1.006	8	7.8	0.572	0.108	2.4823		
960 minute winter	8	495	9.572	1.022	13.1	7.9181	0.0000	FLOOD RISK	1.007	9	13.1	0.563	0.121	5.9230		
960 minute winter	9	495	9.571	1.221	22.2	11.8701	0.0000	FLOOD RISK	1.008	10	22.5	0.536	0.095	3.1380		
960 minute winter	10	495	9.570	1.270	24.0	2.2522	0.0000	FLOOD RISK	1.009	11	23.8	0.430	0.182	47.8913		
960 minute winter	11	495	9.562	1.582	23.9	0.0000	0.0000	FLOOD RISK	1.010	12	23.9	0.386	0.063	53.3278		
960 minute winter	12	240	7.750	1.000	23.9	0.0000	0.0000	FLOOD RISK	1.011	13	23.9	0.198	0.122	0.2531		
960 minute winter	13	495	9.548	0.048	23.9	0.0000	0.0000	OK	1.012	13_OUT	23.9	2.533	0.019	0.0585		
960 minute winter	13_OUT	510	7.638	0.188	23.9	0.0000	0.0000	OK	Flow through pond	49	-89.8	0.016	0.000	1047.8600		
960 minute winter	14	495	9.563	0.283	1.3	0.0000	0.0000	FLOOD RISK	2.000	15	-1.3	-0.041	-0.043	0.8138		
960 minute winter	15	495	9.563	0.477	4.3	3.7841	0.0000	FLOOD RISK	2.001	16	3.6	0.510	0.075	0.9254		
960 minute winter	16	480	9.563	0.572	3.6	0.0000	0.0000	FLOOD RISK	2.002	17	3.6	0.512	0.073	0.6320		
960 minute winter	17	480	9.562	0.760	5.5	2.1828	0.0000	FLOOD RISK	2.003	18	5.5	0.504	0.070	1.8750		
960 minute winter	18	480	9.562	0.851	10.0	5.5422	0.0000	FLOOD RISK	2.004	19	10.0	0.525	0.079	5.4890		
960 minute winter	19	495	9.561	1.135	17.8	8.9865	0.0000	FLOOD RISK	2.005	20	17.8	0.538	0.090	4.0528		
960 minute winter	20	495	9.561	1.150	17.8	0.0000	0.0000	FLOOD RISK	2.006	21	17.8	0.754	0.090	3.4979		
960 minute winter	21	495	9.560	1.188	17.8	0.0000	0.0000	FLOOD RISK	2.007	22	17.8	0.642	0.030	3.7404		
960 minute winter	22	495	9.560	1.550	22.8	8.7773	0.0000	FLOOD RISK	2.008	23	22.8	0.347	0.079	53.3017		
960 minute winter	23	240	7.750	1.000	22.8	0.0000	0.0000	FLOOD RISK	2.009	24	22.8	0.187	0.116	0.2530		
960 minute winter	24	495	9.547	0.047	22.8	0.0000	0.0000	OK	2.010	24_OUT	22.8	2.489	0.018	0.0548		
960 minute winter	24_OUT	945	7.638	0.193	22.8	0.0000	0.0000	OK	Flow through pond	49	-89.8	0.016	0.000	1047.8600		
960 minute winter	25	450	8.812	0.018	0.4	0.0099	0.0000	OK	3.000	26	0.4	0.338	0.022	0.0425		
960 minute winter	26	450	8.456	0.021	0.8	0.0324	0.0000	OK	3.001	27	0.8	0.438	0.040	0.0581		
								Infiltration			0.2					
960 minute winter	27	450	8.138	0.021	1.0	0.0362	0.0000	OK	3.002	28	0.8	0.541	0.041	0.0500		
								Infiltration			0.2					
960 minute winter	28	450	7.717	0.022	1.2	0.0314	0.0000	OK	3.003	29	1.1	0.652	0.048	0.0950		
								Infiltration			0.1					
960 minute winter	29	450	7.088	0.023	1.5	0.0295	0.0000	OK	3.004	30	1.4	0.808	0.050	0.0115		
								Infiltration			0.1					
960 minute winter	30	465	6.842	0.017	1.5	0.0020	0.0000	OK	3.005	31	1.5	0.135	0.001	0.3894		
960 minute winter	31	540	6.751	0.050	1.9	0.0097	0.0000	OK	3.006	32	1.2	0.090	0.001	0.6930		
								Infiltration			0.4					

960 minute winter	32	540	6.751	0.106	1.4	0.0127	0.0000OK	3.007	33	-0.1	-0.035	0.000	0.4543
								Infiltration		0.8			
								Infiltration		0.8			
960 minute winter	33	405	6.777	0.002	0.1	0.0003	0.0000OK	3.008	34	0.0	0.000	0.000	0.0184
960 minute winter	34	420	6.748	0.003	0.1	0.0004	0.0000OK	3.009	35	0.1	0.055	0.000	0.0171
								Infiltration		0.0			
960 minute winter	35	420	6.678	0.004	0.2	0.0004	0.0000OK	3.010	36	0.2	0.027	0.000	0.2791
								Infiltration		0.0			
960 minute winter	36	600	6.578	0.073	0.3	0.0003	0.0000OK	3.011	37	0.0	0.000	0.000	0.0000
								Infiltration		0.3			
960 minute winter	37	405	6.508	0.003	0.1	0.0003	0.0000OK	3.012	38	0.1	0.023	0.000	0.5385
960 minute winter	38	800	6.347	0.002	0.7	0.0008	0.0000OK	3.013	39	-0.5	-0.087	0.000	0.3805
								Infiltration		0.3			
								Infiltration		0.4			
960 minute winter	39	405	6.402	0.007	0.5	0.0008	0.0000OK	3.014	40	-0.4	-0.130	0.000	0.0481
								Infiltration		0.0			
960 minute winter	40	405	6.701	0.008	0.4	0.0007	0.0000OK	3.015	41	-0.3	-0.116	0.000	0.0389
								Infiltration		0.0			
960 minute winter	41	405	6.871	0.006	0.3	0.0007	0.0000OK	3.016	42	-0.2	-0.097	0.000	0.0324
								Infiltration		0.0			
960 minute winter	42	405	7.689	0.004	0.3	0.0005	0.0000OK	3.017	43	-0.2	-0.084	0.000	0.0319
								Infiltration		0.0			
960 minute winter	43	405	7.150	0.005	0.2	0.0006	0.0000OK	3.018	44	-0.1	-0.032	0.000	0.0251
								Infiltration		0.0			
960 minute winter	44	405	7.228	0.003	0.1	0.0003	0.0000OK	3.019	45	0.0	0.023	0.000	0.0202
960 minute winter	45	420	7.199	0.004	0.1	0.0005	0.0000OK	3.020	46	0.1	0.059	0.000	0.0288
								Infiltration		0.0			
960 minute winter	46	420	7.136	0.005	0.2	0.0005	0.0000OK	3.021	47	0.2	0.087	0.000	0.0357
								Infiltration		0.0			
960 minute winter	47	420	6.971	0.006	0.3	0.0007	0.0000OK	3.022	48	0.3	0.060	0.000	0.0607
								Infiltration		0.0			
960 minute winter	48	600	6.814	0.019	0.4	0.0023	0.0000OK	3.023	53	0.4	0.085	0.001	0.1870
								Infiltration		0.0			
960 minute winter	49	1095	7.836	-0.364	75.9	0.0000	0.0000OK	Office	50	0.0			
								Infiltration		0.0			
960 minute winter	50	15	7.403	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
960 minute winter	51	15	7.300	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
960 minute winter	52	15	7.208	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
960 minute winter	53	800	6.812	0.027	0.5	0.0033	0.0000OK	3.024	54	0.5	0.117	0.000	1.0036
								Infiltration		0.1			
960 minute winter	54	600	6.812	0.187	0.6	0.0226	0.0000OK	3.025	54_OUT	0.6	0.032	0.000	2.8153
								Infiltration		0.2			
960 minute winter	54_OUT	800	6.812	0.307	0.7	0.0389	0.0000OK	Infiltration		0.3			

960 minute winter	55	420	8.463	0.017	0.2	0.0058	0.0000OK	5.000	56	0.2	0.184	0.027	0.0182
960 minute winter	56	405	8.433	0.017	0.4	0.0280	0.0000OK	5.001	57	0.3	0.228	0.027	0.0312
								Infiltration		0.1			
960 minute winter	57	405	8.335	0.025	0.5	0.0250	0.0000OK	5.002	58	0.5	0.238	0.053	0.0604
								Infiltration		0.1			
960 minute winter	58	405	8.274	0.029	0.7	0.0657	0.0000OK	5.003	59	0.5	0.272	0.071	0.1029
								Infiltration		0.2			
960 minute winter	59	585	8.269	0.064	0.7	0.2818	0.0000OK	5.004	60	0.8	0.043	0.001	1.4653
								Infiltration		0.3			
960 minute winter	60	585	8.269	0.084	0.8	0.0284	0.0000OK	5.005	61	0.3	0.029	0.000	3.0122
								Infiltration		0.3			
960 minute winter	61	585	8.269	0.133	0.5	0.0451	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.4			
960 minute winter	62	465	8.142	0.008	0.2	0.0018	0.0000OK	5.007	63	0.2	0.042	0.000	2.1084
960 minute winter	63	600	7.939	0.103	0.4	0.0351	0.0000OK	5.008	63_OUT	0.2	0.018	0.000	2.2180
								Infiltration		0.2			
960 minute winter	63_OUT	600	7.939	0.174	0.3	0.0502	0.0000OK			Infiltration	0.2		
960 minute winter	64	630	6.257	0.072	0.1	0.0118	0.0000OK	6.000	65	0.1	0.041	0.000	0.8530
960 minute winter	65	630	6.257	0.132	0.2	0.0212	0.0000OK	6.001	66	0.1	0.039	0.000	1.1614
								Infiltration		0.1			
960 minute winter	66	630	6.257	0.184	0.3	0.0296	0.0000OK	6.002	67	0.0	-0.002	0.000	0.7388
								Infiltration		0.1			
960 minute winter	67	630	6.257	0.181	0.1	0.0281	0.0000OK	6.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.1			
960 minute winter	68	390	6.079	0.003	0.1	0.0004	0.0000OK	6.004	69	0.1	0.029	0.000	1.7099
960 minute winter	69	630	5.942	0.177	0.2	0.0283	0.0000OK	6.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
960 minute winter	70	630	5.765	0.010	0.1	0.0015	0.0000OK	6.006	71	0.1	0.034	0.000	0.2343
960 minute winter	71	630	5.765	0.080	0.2	0.0127	0.0000OK	6.007	72	0.1	0.009	0.000	1.1338
								Infiltration		0.1			
960 minute winter	72	630	5.765	0.080	0.2	0.0127	0.0000OK	6.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.2			
960 minute winter	73	630	5.885	0.160	0.1	0.0289	0.0000OK	6.009	74	0.1	0.016	0.000	0.7349
960 minute winter	74	630	5.885	0.160	0.2	0.0289	0.0000OK	6.010	75	0.2	0.043	0.000	0.8318
								Infiltration		0.1			
960 minute winter	75	630	5.885	0.180	0.3	0.0268	0.0000OK	6.011	76	0.3	0.030	0.000	1.0055
								Infiltration		0.1			
960 minute winter	76	630	5.885	0.250	0.4	0.0381	0.0000OK	6.012	76_OUT	0.1	0.005	0.000	1.1396
								Infiltration		0.1			
960 minute winter	76_OUT	630	5.885	0.250	0.2	0.0401	0.0000OK			Infiltration	0.1		

Results for 2 year 1440 minute summer, 1680 minute analysis at 30 minute timestep, Mass balance: 84.11%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute summer	1	750	9.572	0.272	0.0	0.0000	0.0000	FLOOD RISK	1.000	2	0.0	-0.001	-0.002	0.4853	
1440 minute summer	2	750	9.572	0.322	0.0	0.0000	0.0000	FLOOD RISK	1.001	3	0.0	0.001	0.002	1.1264	
1440 minute summer	3	720	9.572	0.422	0.5	0.0000	0.0000	FLOOD RISK	1.002	4	-0.5	-0.138	-0.020	0.4988	
1440 minute summer	4	720	9.572	0.472	2.4	0.0000	0.0000	FLOOD RISK	1.003	5	-2.4	-0.124	-0.105	0.8441	
1440 minute summer	5	750	9.572	0.572	3.4	0.0000	0.0000	FLOOD RISK	1.004	6	-3.4	-0.110	-0.091	0.1821	
1440 minute summer	6	750	9.572	0.672	5.6	5.5407	0.0000	FLOOD RISK	1.005	7	4.6	0.533	0.095	0.7795	
1440 minute summer	7	750	9.571	0.821	7.3	3.3476	0.0000	FLOOD RISK	1.006	8	7.3	0.528	0.104	2.4923	
1440 minute summer	8	720	9.570	1.020	12.7	7.0019	0.0000	FLOOD RISK	1.007	9	12.7	0.511	0.117	5.9230	
1440 minute summer	9	720	9.568	1.219	21.5	11.8505	0.0000	FLOOD RISK	1.008	10	21.5	0.470	0.091	3.1360	
1440 minute summer	10	720	9.568	1.268	23.2	2.2486	0.0000	FLOOD RISK	1.009	11	23.2	0.351	0.157	47.8813	
1440 minute summer	11	750	9.561	1.561	23.2	0.0000	0.0000	FLOOD RISK	1.010	12	23.2	0.388	0.081	63.3278	
1440 minute summer	12	390	7.750	1.006	23.2	0.0000	0.0000	FLOOD RISK	1.011	13	23.2	0.190	0.118	0.2529	
1440 minute summer	13	750	9.547	0.647	23.2	0.0000	0.0000	OK	1.012	13_OUT	23.2	2.510	0.018	0.0554	
1440 minute summer	13_OUT	750	7.637	0.103	23.2	0.0000	0.0000	OK	Flow through pond	48	-44.1	0.012	0.000	1020.1725	
1440 minute summer	14	720	9.562	0.252	0.1	0.0000	0.0000	FLOOD RISK	2.000	15	-0.1	-0.003	-0.004	0.8130	
1440 minute summer	15	720	9.552	0.478	3.5	3.7728	0.0000	FLOOD RISK	2.001	16	3.5	0.463	0.072	0.9254	
1440 minute summer	16	720	9.561	0.570	3.5	0.0000	0.0000	FLOOD RISK	2.002	17	3.5	0.439	0.071	0.6320	
1440 minute summer	17	720	9.561	0.702	5.3	2.1755	0.0000	FLOOD RISK	2.003	18	5.3	0.451	0.058	1.8750	
1440 minute summer	18	720	9.561	0.889	9.7	5.5337	0.0000	FLOOD RISK	2.004	19	9.7	0.444	0.077	5.4890	
1440 minute summer	19	750	9.560	1.104	17.3	9.9546	0.0000	FLOOD RISK	2.005	20	17.3	0.446	0.088	4.0828	
1440 minute summer	20	750	9.560	1.148	17.3	0.0000	0.0000	FLOOD RISK	2.006	21	17.3	0.625	0.087	3.4978	
1440 minute summer	21	750	9.558	1.187	17.3	0.0000	0.0000	FLOOD RISK	2.007	22	17.3	0.534	0.029	3.7404	
1440 minute summer	22	750	9.558	1.559	22.2	6.7719	0.0000	FLOOD RISK	2.008	23	22.2	0.228	0.077	53.3017	
1440 minute summer	23	390	7.750	1.600	22.2	0.0000	0.0000	FLOOD RISK	2.009	24	22.2	0.183	0.113	0.2628	
1440 minute summer	24	750	9.548	0.048	22.2	0.0000	0.0000	OK	2.010	24_OUT	22.2	2.479	0.018	0.0538	
1440 minute summer	24_OUT	750	7.634	0.101	22.2	0.0000	0.0000	OK	Flow through pond	49	-44.1	0.012	0.000	1020.1725	
1440 minute summer	25	750	8.812	0.018	0.4	0.0099	0.0000	OK	3.000	26	0.4	0.336	0.022	0.0425	
1440 minute summer	26	750	8.456	0.021	0.6	0.0324	0.0000	OK	3.001	27	0.6	0.438	0.040	0.0581	
								Infiltration			0.2				
1440 minute summer	27	750	8.136	0.021	1.0	0.0382	0.0000	OK	3.002	28	0.8	0.541	0.041	0.0500	
								Infiltration			0.2				
1440 minute summer	28	750	7.717	0.022	1.2	0.0314	0.0000	OK	3.003	29	1.1	0.652	0.040	0.0600	
								Infiltration			0.1				
1440 minute summer	29	750	7.068	0.023	1.5	0.0295	0.0000	OK	3.004	30	1.4	0.806	0.050	0.0116	
								Infiltration			0.1				
1440 minute summer	30	750	6.842	0.017	1.5	0.0020	0.0000	OK	3.005	31	1.5	0.138	0.001	0.3679	
1440 minute summer	31	750	6.747	0.052	1.6	0.0083	0.0000	OK	3.006	32	1.2	0.056	0.001	0.0297	
								Infiltration			0.4				
1440 minute summer	32	750	6.747	0.102	1.4	0.0123	0.0000	OK	3.007	33	-0.1	-0.004	0.000	0.4363	

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1440 minute summer	57	720	8.335	0.028	0.5	0.0250	0.0000OK	Infiltration	5.052	58	0.5	0.238	0.059	0.0528
1440 minute summer	58	690	8.273	0.028	0.7	0.0606	0.0000OK	Infiltration	5.003	59	0.5	0.288	0.072	0.0740
1440 minute summer	59	780	8.251	0.048	0.7	0.1797	0.0000OK	Infiltration	5.004	60	0.5	0.042	0.001	1.0740
1440 minute summer	60	780	8.250	0.065	0.7	0.0223	0.0000OK	Infiltration	5.005	61	0.3	0.025	0.000	2.4334
1440 minute summer	61	780	8.250	0.114	0.5	0.0389	0.0000OK	Infiltration	5.006	62	0.0	0.000	0.000	0.0000
1440 minute summer	62	780	8.142	0.006	0.2	0.0018	0.0000OK	Infiltration	5.007	63	0.2	0.041	0.000	1.8020
1440 minute summer	63	810	7.917	0.081	0.4	0.0275	0.0000OK	Infiltration	5.008	63_OUT	0.2	0.017	0.000	1.8038
1440 minute summer	63_OUT	810	7.917	0.152	0.3	0.0517	0.0000OK	Infiltration	5.009					
1440 minute summer	64	840	6.238	0.053	0.1	0.0055	0.0000OK	Infiltration	5.010	65	0.1	0.040	0.000	0.5143
1440 minute summer	65	840	6.238	0.113	0.2	0.0181	0.0000OK	Infiltration	5.011	66	0.2	0.022	0.000	0.9798
1440 minute summer	66	840	6.238	0.145	0.3	0.0228	0.0000OK	Infiltration	5.012	67	0.0	0.000	0.000	0.0370
1440 minute summer	67	840	6.238	0.182	0.1	0.0251	0.0000OK	Infiltration	5.013	68	0.0	0.000	0.000	0.0000
1440 minute summer	68	690	6.079	0.003	0.1	0.0004	0.0000OK	Infiltration	5.014	69	0.1	0.017	0.000	1.5087
1440 minute summer	69	840	5.925	0.189	0.2	0.0256	0.0000OK	Infiltration	5.015	70	0.0	0.000	0.000	0.0000
1440 minute summer	70	660	5.758	0.003	0.1	0.0005	0.0000OK	Infiltration	5.016	71	0.1	0.023	0.000	0.2000
1440 minute summer	71	840	5.758	0.073	0.2	0.0117	0.0000OK	Infiltration	5.017	72	0.1	0.008	0.000	1.0363
1440 minute summer	72	840	5.758	0.073	0.2	0.0117	0.0000OK	Infiltration	5.018	73	0.0	0.000	0.000	0.0000
1440 minute summer	73	840	5.855	0.158	0.1	0.0240	0.0000OK	Infiltration	5.019	74	0.1	0.015	0.000	0.5830
1440 minute summer	74	840	5.855	0.150	0.2	0.0240	0.0000OK	Infiltration	5.010	75	0.2	0.040	0.000	0.6802
1440 minute summer	75	840	5.855	0.150	0.3	0.0240	0.0000OK	Infiltration	5.011	76	0.2	0.020	0.000	0.8278
1440 minute summer	76	840	5.855	0.220	0.3	0.0334	0.0000OK	Infiltration	5.012	76_OUT	0.1	0.003	0.000	0.9800
1440 minute summer	76_OUT	840	5.855	0.220	0.2	0.0352	0.0000OK	Infiltration	5.013					

Results for 2 year 1440 minute winter, 1680 minute analysis at 30 minute timestep, Mass balance: 84.77%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
1440 minute winter	1	720	9.555	0.255	0.0	0.0000	0.0000	FLOOD RISK	1.000	2	0.0	0.001	0.002	0.4853	
1440 minute winter	2	720	9.555	0.355	0.1	0.0000	0.0000	FLOOD RISK	1.001	3	0.1	0.004	0.005	1.1264	
1440 minute winter	3	750	9.558	0.406	0.1	0.0000	0.0000	FLOOD RISK	1.002	4	0.2	0.007	0.010	0.4988	
1440 minute winter	4	750	9.558	0.456	0.2	0.0000	0.0000	FLOOD RISK	1.003	5	0.3	0.008	0.011	0.8441	
1440 minute winter	5	750	9.559	0.555	1.7	0.0000	0.0000	FLOOD RISK	1.004	6	-1.7	-0.090	-0.044	0.1921	
1440 minute winter	6	720	9.555	0.655	5.1	5.4024	0.0000	FLOOD RISK	1.005	7	3.7	0.514	0.077	0.7796	
1440 minute winter	7	720	9.555	0.805	5.5	3.2807	0.0000	FLOOD RISK	1.006	8	5.7	0.513	0.081	2.4923	
1440 minute winter	8	750	9.554	1.004	9.5	6.8934	0.0000	FLOOD RISK	1.007	9	9.8	0.509	0.088	5.9230	
1440 minute winter	9	720	9.553	1.203	16.1	11.7626	0.0000	FLOOD RISK	1.008	10	16.1	0.481	0.068	3.1380	
1440 minute winter	10	720	9.553	1.253	17.4	2.2220	0.0000	FLOOD RISK	1.009	11	17.4	0.359	0.118	47.8913	
1440 minute winter	11	720	9.549	1.549	17.4	0.0000	0.0000	FLOOD RISK	1.010	12	17.4	0.274	0.060	53.3278	
1440 minute winter	12	380	7.750	1.000	17.4	0.0000	0.0000	FLOOD RISK	1.011	13	17.4	0.145	0.089	0.2508	
1440 minute winter	13	750	9.541	0.041	17.4	0.0000	0.0000	OK	1.012	13_OUT	17.4	2.299	0.014	0.0454	
1440 minute winter	13_OUT	1470	7.651	0.118	17.4	0.0000	0.0000	OK	Flow through pond	49	44.1	0.010	0.000	1188.4570	
1440 minute winter	14	720	9.550	0.250	0.1	0.0000	0.0000	FLOOD RISK	2.000	15	-0.1	-0.003	-0.003	0.8138	
1440 minute winter	15	720	9.550	0.484	2.7	3.8758	0.0000	FLOOD RISK	2.001	16	2.7	0.445	0.058	0.9254	
1440 minute winter	16	750	9.549	0.558	2.7	0.0000	0.0000	FLOOD RISK	2.002	17	2.7	0.448	0.055	0.6320	
1440 minute winter	17	750	9.549	0.680	4.1	2.1418	0.0000	FLOOD RISK	2.003	18	4.1	0.480	0.052	1.6750	
1440 minute winter	18	720	9.549	0.868	7.4	5.4601	0.0000	FLOOD RISK	2.004	19	7.4	0.488	0.058	5.4690	
1440 minute winter	19	720	9.549	1.093	13.1	9.8522	0.0000	FLOOD RISK	2.005	20	13.1	0.458	0.068	4.9528	
1440 minute winter	20	720	9.548	1.137	13.1	0.0000	0.0000	FLOOD RISK	2.006	21	13.1	0.850	0.060	3.4979	
1440 minute winter	21	750	9.548	1.176	13.1	0.0000	0.0000	FLOOD RISK	2.007	22	13.1	0.556	0.022	3.7404	
1440 minute winter	22	750	9.549	1.548	16.8	6.7242	0.0000	FLOOD RISK	2.008	23	16.8	0.302	0.056	53.3017	
1440 minute winter	23	330	7.750	1.000	16.8	0.0000	0.0000	FLOOD RISK	2.009	24	16.8	0.140	0.088	0.2508	
1440 minute winter	24	750	9.549	0.040	16.8	0.0000	0.0000	OK	2.010	24_OUT	16.8	2.273	0.014	0.0442	
1440 minute winter	24_OUT	1410	7.651	0.118	16.8	0.0000	0.0000	OK	Flow through pond	49	44.1	0.010	0.000	1188.4570	
1440 minute winter	25	660	8.810	0.014	0.3	0.0037	0.0000	OK	3.000	26	0.3	0.312	0.017	0.0343	
1440 minute winter	26	880	8.453	0.018	0.8	0.0255	0.0000	OK	3.001	27	0.5	0.399	0.029	0.0480	
1440 minute winter	27							Infiltration			0.1				
1440 minute winter	27	660	8.133	0.018	0.8	0.0292	0.0000	OK	3.002	28	0.8	0.487	0.029	0.0391	
1440 minute winter	28							Infiltration			0.2				
1440 minute winter	28	660	7.714	0.019	0.9	0.0244	0.0000	OK	3.003	29	0.8	0.587	0.032	0.0468	
1440 minute winter	29							Infiltration			0.1				
1440 minute winter	29	680	7.985	0.020	1.1	0.0230	0.0000	OK	3.004	30	1.0	0.728	0.035	0.0091	
1440 minute winter	30							Infiltration			0.1				
1440 minute winter	30	690	6.839	0.014	1.1	0.0017	0.0000	OK	3.005	31	1.1	0.135	0.000	0.2335	
1440 minute winter	31	810	6.727	0.032	1.2	0.0038	0.0000	OK	3.006	32	1.0	0.056	0.001	0.4443	
1440 minute winter								Infiltration			0.2				

1440 minute winter	32	810	6.729	0.081	1.1	0.0097	0.0000	OK	3.097	33	-0.1	-0.093	0.000	0.3357
									Infiltration		0.4			
									Infiltration		0.7			
1440 minute winter	33	690	6.777	0.032	0.1	0.0053	0.0000	OK	3.098	34	0.0	0.000	0.000	0.0184
1440 minute winter	34	720	6.748	0.003	0.1	0.0004	0.0000	OK	3.099	35	0.1	0.055	0.000	0.0171
									Infiltration		0.0			
1440 minute winter	35	720	6.679	0.034	0.2	0.0004	0.0000	OK	3.010	36	0.2	0.017	0.000	0.2791
									Infiltration		0.0			
1440 minute winter	36	810	6.578	0.073	0.3	0.0053	0.0000	OK	3.011	37	0.0	0.000	0.000	0.0000
									Infiltration		0.3			
1440 minute winter	37	690	6.508	0.003	0.1	0.0003	0.0000	OK	3.012	38	0.1	0.011	0.000	0.5364
1440 minute winter	38	810	6.347	0.082	0.7	0.0098	0.0000	OK	3.013	39	-0.5	-0.045	0.000	0.3804
									Infiltration		0.3			
									Infiltration		0.4			
1440 minute winter	39	690	6.462	0.007	0.5	0.0008	0.0000	OK	3.014	40	-0.4	-0.130	0.000	0.0461
									Infiltration		0.0			
1440 minute winter	40	890	6.701	0.006	0.4	0.0007	0.0000	OK	3.015	41	-0.3	-0.118	0.000	0.0386
									Infiltration		0.0			
1440 minute winter	41	690	6.671	0.036	0.3	0.0007	0.0000	OK	3.016	42	-0.2	-0.097	0.000	0.0324
									Infiltration		0.0			
1440 minute winter	42	690	7.089	0.004	0.3	0.0005	0.0000	OK	3.017	43	-0.2	-0.054	0.000	0.0319
									Infiltration		0.0			
1440 minute winter	43	690	7.150	0.005	0.2	0.0008	0.0000	OK	3.018	44	-0.1	-0.031	0.000	0.0251
									Infiltration		0.0			
1440 minute winter	44	690	7.228	0.003	0.1	0.0053	0.0000	OK	3.019	45	0.0	0.023	0.000	0.0202
1440 minute winter	45	720	7.199	0.004	0.1	0.0005	0.0000	OK	3.020	46	0.1	0.059	0.000	0.0268
									Infiltration		0.0			
1440 minute winter	46	720	7.130	0.005	0.2	0.0005	0.0000	OK	3.021	47	0.2	0.087	0.000	0.0357
									Infiltration		0.0			
1440 minute winter	47	720	6.971	0.036	0.3	0.0007	0.0000	OK	3.022	48	0.3	0.055	0.000	0.0626
									Infiltration		0.0			
1440 minute winter	48	720	6.612	0.017	0.4	0.0021	0.0000	OK	3.023	53	0.4	0.055	0.001	0.0961
									Infiltration		0.0			
1440 minute winter	49	1850	7.851	-0.349	47.9	0.0000	0.0000	OK	3.024	50	0.0			
									Infiltration		0.0			
1440 minute winter	50	30	7.400	0.000	0.0	0.0000	0.0000	OK	4.001	51	0.0	0.000	0.000	0.0000
1440 minute winter	51	30	7.300	0.000	0.0	0.0000	0.0000	OK	4.002	52	0.0	0.000	0.000	0.0000
1440 minute winter	52	30	7.200	0.000	0.0	0.0000	0.0000	OK	4.003	53	0.0	0.000	0.000	0.0000
1440 minute winter	53	720	6.792	0.007	0.5	0.0008	0.0000	OK	3.024	54	0.5	0.104	0.000	0.7798
									Infiltration		0.0			
1440 minute winter	54	810	6.787	0.182	0.6	0.0195	0.0000	OK	3.025	54_OUT	0.4	0.028	0.000	2.4528
									Infiltration		0.2			
1440 minute winter	54_OUT	810	6.787	0.282	0.5	0.0339	0.0000	OK	Infiltration		0.3			

1440 minute winter	55	720	8.463	0.017	0.2	0.0058	0.0000	OK	5.090	56	0.2	0.184	0.027	0.0182
1440 minute winter	56	720	8.433	0.017	0.4	0.0280	0.0000	OK	5.091	57	0.3	0.228	0.027	0.0312
									Infiltration		0.1			
1440 minute winter	57	720	8.335	0.025	0.5	0.0250	0.0000	OK	5.092	58	0.5	0.238	0.058	0.0628
									Infiltration		0.1			
1440 minute winter	58	690	8.273	0.028	0.7	0.0608	0.0000	OK	5.093	59	0.5	0.258	0.071	0.0754
									Infiltration		0.2			
1440 minute winter	59	780	8.252	0.047	0.7	0.1784	0.0000	OK	5.094	60	0.5	0.042	0.001	1.6930
									Infiltration		0.2			
1440 minute winter	60	750	8.251	0.089	0.7	0.0226	0.0000	OK	5.095	61	0.3	0.026	0.000	2.4676
									Infiltration		0.3			
1440 minute winter	61	780	8.251	0.116	0.5	0.0392	0.0000	OK	5.096	62	0.0	0.000	0.000	0.0000
									Infiltration		0.4			
1440 minute winter	62	780	8.142	0.036	0.2	0.0018	0.0000	OK	5.097	63	0.2	0.041	0.000	1.7088
1440 minute winter	63	810	7.922	0.089	0.4	0.0292	0.0000	OK	5.098	63_OUT	0.2	0.017	0.000	1.8918
									Infiltration		0.2			
1440 minute winter	63_OUT	810	7.922	0.157	0.3	0.0533	0.0000	OK	Infiltration		0.2			
1440 minute winter	64	900	6.270	0.036	0.1	0.0138	0.0000	OK	5.099	65	0.1	0.040	0.000	0.7477
1440 minute winter	65	900	6.270	0.149	0.2	0.0232	0.0000	OK	5.091	66	0.2	0.022	0.000	1.2648
									Infiltration		0.1			
1440 minute winter	66	900	6.270	0.177	0.3	0.0290	0.0000	OK	5.092	67	0.0	0.000	0.000	0.8078
									Infiltration		0.1			
1440 minute winter	67	900	6.270	0.194	0.1	0.0301	0.0000	OK	5.093	68	0.0	0.000	0.000	0.0000
									Infiltration		0.1			
1440 minute winter	68	630	6.079	0.033	0.1	0.0064	0.0000	OK	5.094	69	0.1	0.017	0.000	1.8237
1440 minute winter	69	900	5.951	0.189	0.2	0.0290	0.0000	OK	5.095	70	0.0	0.000	0.000	0.0000
									Infiltration		0.2			
1440 minute winter	70	900	5.769	0.014	0.1	0.0022	0.0000	OK	5.096	71	0.1	0.023	0.000	0.2570
1440 minute winter	71	900	5.769	0.034	0.2	0.0134	0.0000	OK	5.097	72	0.1	0.008	0.000	1.2015
									Infiltration		0.1			
1440 minute winter	72	900	5.769	0.084	0.2	0.0134	0.0000	OK	5.098	73	0.0	0.000	0.000	0.0000
									Infiltration		0.2			
1440 minute winter	73	900	5.906	0.201	0.1	0.0321	0.0000	OK	5.099	74	0.1	0.015	0.000	0.8412
1440 minute winter	74	900	5.906	0.201	0.2	0.0321	0.0000	OK	5.010	75	0.2	0.040	0.000	0.9525
									Infiltration		0.1			
1440 minute winter	75	900	5.908	0.201	0.3	0.0321	0.0000	OK	5.011	76	0.2	0.020	0.000	1.1298
									Infiltration		0.1			
1440 minute winter	76	900	5.906	0.271	0.3	0.0411	0.0000	OK	5.012	76_OUT	0.1	0.003	0.000	1.2847
									Infiltration		0.1			
1440 minute winter	76_OUT	900	5.908	0.271	0.2	0.0433	0.0000	OK	Infiltration		0.1			

Results for 2 year 2160 minute summer. 2400 minute analysis at 60 minute timestep. Mass balance: 94.61%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute summer	1	1080	9.553	0.253	0.0	0.0000	0.0000	FLOOD RISK	1.000	2	0.0	-0.002	-0.002	0.4653	
2160 minute summer	2	1080	9.553	0.303	0.0	0.0000	0.0000	FLOOD RISK	1.001	3	0.1	0.002	0.003	1.1264	
2160 minute summer	3	1140	9.553	0.403	0.1	0.0000	0.0000	FLOOD RISK	1.002	4	0.0	-0.001	-0.001	0.4688	
2160 minute summer	4	1140	9.553	0.453	0.1	0.0000	0.0000	FLOOD RISK	1.003	5	0.1	0.002	0.002	0.8441	
2160 minute summer	5	1080	9.553	0.553	0.0	0.0000	0.0000	FLOOD RISK	1.004	6	-0.8	-0.098	-0.017	0.1821	
2160 minute summer	6	1080	9.553	0.653	3.3	5.3830	0.0000	FLOOD RISK	1.005	7	3.3	0.454	0.008	0.7796	
2160 minute summer	7	1080	9.553	0.803	5.2	3.2713	0.0000	FLOOD RISK	1.006	8	5.2	0.454	0.074	2.4923	
2160 minute summer	8	1140	9.552	1.002	9.0	6.8777	0.0000	FLOOD RISK	1.007	9	9.0	0.426	0.085	5.9230	
2160 minute summer	9	1080	9.551	1.201	15.3	11.6813	0.0000	FLOOD RISK	1.008	10	15.3	0.384	0.065	3.1360	
2160 minute summer	10	1080	9.551	1.251	16.5	2.2182	0.0000	FLOOD RISK	1.009	11	16.5	0.311	0.112	47.8613	
2160 minute summer	11	1140	9.547	1.547	18.5	0.0000	0.0000	FLOOD RISK	1.010	12	18.5	0.150	0.057	63.3278	
2160 minute summer	12	540	7.750	1.000	16.5	0.0000	0.0000	FLOOD RISK	1.011	13	16.5	0.137	0.084	0.2505	
2160 minute summer	13	1140	9.548	0.640	16.5	0.0000	0.0000	OK	1.012	13_OUT	16.5	2.290	0.013	0.0437	
2160 minute summer	13_OUT	2160	7.649	0.115	16.5	0.0000	0.0000	OK	Flow through pond	48	26.7	0.008	0.000	1161.2078	
2160 minute summer	14	1140	9.548	0.248	0.0	0.0000	0.0000	FLOOD RISK	2.000	15	0.0	0.001	0.001	0.8130	
2160 minute summer	15	1080	9.548	0.482	2.7	3.6804	0.0000	FLOOD RISK	2.001	16	2.5	0.368	0.052	0.9254	
2160 minute summer	16	1080	9.547	0.666	2.5	0.0000	0.0000	FLOOD RISK	2.002	17	2.5	0.384	0.051	0.6320	
2160 minute summer	17	1080	9.547	0.688	3.8	2.1358	0.0000	FLOOD RISK	2.003	18	3.8	0.399	0.049	1.8750	
2160 minute summer	18	1080	9.547	0.886	7.0	5.4482	0.0000	FLOOD RISK	2.004	19	7.0	0.368	0.056	5.4890	
2160 minute summer	19	1080	9.547	1.091	12.4	9.5356	0.0000	FLOOD RISK	2.005	20	12.4	0.387	0.083	4.0828	
2160 minute summer	20	1080	9.546	1.135	12.4	0.0000	0.0000	FLOOD RISK	2.006	21	12.4	0.541	0.063	3.4978	
2160 minute summer	21	1140	9.546	1.174	12.4	0.0000	0.0000	FLOOD RISK	2.007	22	12.4	0.471	0.021	3.7404	
2160 minute summer	22	1140	9.546	1.546	15.9	6.7184	0.0000	FLOOD RISK	2.008	23	15.9	0.101	0.055	53.3017	
2160 minute summer	23	540	7.750	1.600	15.9	0.0000	0.0000	FLOOD RISK	2.009	24	15.9	0.133	0.081	0.2605	
2160 minute summer	24	1140	9.539	0.038	15.9	0.0000	0.0000	OK	2.010	24_OUT	15.9	2.234	0.013	0.0428	
2160 minute summer	24_OUT	2220	7.647	0.114	15.9	0.0000	0.0000	OK	Flow through pond	49	26.7	0.008	0.000	1161.2078	
2160 minute summer	25	1140	8.810	0.014	0.3	0.0087	0.0000	OK	3.000	26	0.3	0.311	0.017	0.0343	
2160 minute summer	26	1140	8.453	0.018	0.6	0.0255	0.0000	OK	3.001	27	0.5	0.399	0.029	0.0460	
								Infiltration			0.1				
2160 minute summer	27	1140	8.133	0.018	0.8	0.0292	0.0000	OK	3.002	28	0.6	0.487	0.029	0.0391	
								Infiltration			0.2				
2160 minute summer	28	1140	7.714	0.018	0.9	0.0244	0.0000	OK	3.003	29	0.8	0.587	0.032	0.0488	
								Infiltration			0.1				
2160 minute summer	29	1140	7.065	0.020	1.1	0.0230	0.0000	OK	3.004	30	1.0	0.728	0.035	0.0091	
								Infiltration			0.1				
2160 minute summer	30	1140	6.839	0.014	1.1	0.0017	0.0000	OK	3.005	31	1.1	0.128	0.000	0.2282	
2160 minute summer	31	1140	6.726	0.031	1.2	0.0037	0.0000	OK	3.006	32	1.0	0.052	0.001	0.4375	
								Infiltration			0.2				
2160 minute summer	32	1140	6.725	0.080	1.1	0.0098	0.0000	OK	3.007	33	-0.1	-0.004	0.000	0.3320	

								Infiltration			0.4		
								Infiltration			0.7		
2160 minute summer	33	1140	8.777	0.002	0.1	0.0003	0.0000OK	3.008	34	0.0	0.000	0.000	0.0184
2160 minute summer	34	1140	8.748	0.003	0.1	0.0004	0.0000OK	3.009	35	0.1	0.055	0.000	0.0171
								Infiltration			0.0		
2160 minute summer	35	1140	8.679	0.004	0.2	0.0004	0.0000OK	3.010	36	0.2	0.012	0.000	0.2761
								Infiltration			0.0		
2160 minute summer	36	1140	8.577	0.012	0.3	0.0082	0.0000OK	3.011	37	0.0	0.000	0.000	0.0000
								Infiltration			0.3		
2160 minute summer	37	1140	8.508	0.003	0.1	0.0003	0.0000OK	3.012	38	0.1	0.000	0.000	0.5291
2160 minute summer	38	1140	8.348	0.081	0.7	0.0097	0.0000OK	3.013	39	-0.5	-0.030	0.000	0.3557
								Infiltration			0.3		
								Infiltration			0.4		
2160 minute summer	39	1140	8.452	0.007	0.5	0.0009	0.0000OK	3.014	40	-0.4	-0.130	0.000	0.0461
								Infiltration			0.0		
2160 minute summer	40	1140	8.701	0.006	0.4	0.0007	0.0000OK	3.015	41	-0.3	-0.118	0.000	0.0380
								Infiltration			0.0		
2160 minute summer	41	1140	8.871	0.006	0.3	0.0007	0.0000OK	3.016	42	-0.2	-0.097	0.000	0.0324
								Infiltration			0.0		
2160 minute summer	42	1140	7.689	0.004	0.3	0.0005	0.0000OK	3.017	43	-0.2	-0.064	0.000	0.0319
								Infiltration			0.0		
2160 minute summer	43	1140	7.150	0.005	0.2	0.0006	0.0000OK	3.018	44	-0.1	-0.031	0.000	0.0251
								Infiltration			0.0		
2160 minute summer	44	1140	7.228	0.003	0.1	0.0003	0.0000OK	3.019	45	0.0	0.023	0.000	0.0202
2160 minute summer	45	1140	7.199	0.004	0.1	0.0005	0.0000OK	3.020	46	0.1	0.058	0.000	0.0285
								Infiltration			0.0		
2160 minute summer	46	1140	7.130	0.005	0.2	0.0005	0.0000OK	3.021	47	0.2	0.067	0.000	0.0357
								Infiltration			0.0		
2160 minute summer	47	1140	8.971	0.006	0.3	0.0007	0.0000OK	3.022	48	0.3	0.055	0.000	0.0828
								Infiltration			0.0		
2160 minute summer	48	1140	6.812	0.017	0.4	0.0021	0.0000OK	3.023	50	0.4	0.065	0.001	0.0861
								Infiltration			0.0		
2160 minute summer	49	2340	7.648	-0.352	28.4	0.0000	0.0000OK	Office	50	0.0			
								Infiltration			0.0		
2160 minute summer	50	80	7.400	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
2160 minute summer	51	80	7.300	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
2160 minute summer	52	50	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
2160 minute summer	53	1140	6.792	0.007	0.5	0.0009	0.0000OK	3.024	54	0.5	0.112	0.000	0.4458
								Infiltration			0.0		
2160 minute summer	54	1200	6.728	0.103	0.6	0.0124	0.0000OK	3.025	54_OUT	0.5	0.013	0.000	1.6731
								Infiltration			0.1		
2160 minute summer	54_OUT	1200	6.728	0.223	0.6	0.0288	0.0000OK	Infiltration			0.2		
2160 minute summer	55	1140	8.463	0.017	0.2	0.0058	0.0000OK	3.000	56	0.2	0.184	0.027	0.0182
2160 minute summer	56	1140	8.433	0.017	0.4	0.0280	0.0000OK	3.001	57	0.3	0.228	0.027	0.0312

2160 minute summer	57	1140	8.335	0.028	0.5	0.0250	0.0000OK	Infiltration	5.052	58	0.5	0.238	0.059	0.0619
2160 minute summer	58	1080	8.273	0.028	0.7	0.0607	0.0000OK	Infiltration	5.003	59	0.5	0.256	0.071	0.0690
2160 minute summer	59	1140	8.247	0.042	0.7	0.1495	0.0000OK	Infiltration	5.004	60	0.5	0.041	0.001	1.0026
2160 minute summer	60	1140	8.247	0.062	0.7	0.0211	0.0000OK	Infiltration	5.005	61	0.3	0.026	0.000	2.3335
2160 minute summer	61	1140	8.247	0.111	0.5	0.0377	0.0000OK	Infiltration	5.006	62	0.0	0.000	0.000	0.0000
2160 minute summer	62	1140	8.142	0.006	0.2	0.0018	0.0000OK	Infiltration	5.007	63	0.2	0.040	0.000	1.6501
2160 minute summer	63	1200	7.919	0.083	0.4	0.0281	0.0000OK	Infiltration	5.008	63_OUT	0.1	0.014	0.000	1.8353
2160 minute summer	63_OUT	1200	7.919	0.154	0.3	0.0523	0.0000OK	Infiltration	5.009					
2160 minute summer	64	1200	6.233	0.048	0.1	0.0076	0.0000OK	Infiltration	8.000	65	0.1	0.023	0.000	0.4770
2160 minute summer	65	1200	6.233	0.108	0.2	0.0172	0.0000OK	Infiltration	8.001	66	0.1	0.005	0.000	0.9368
2160 minute summer	66	1200	6.233	0.140	0.2	0.0221	0.0000OK	Infiltration	8.002	67	0.0	0.001	0.000	0.6095
2160 minute summer	67	1200	6.233	0.157	0.1	0.0243	0.0000OK	Infiltration	8.003	68	0.0	0.000	0.000	0.0000
2160 minute summer	68	1080	6.079	0.003	0.1	0.0004	0.0000OK	Infiltration	8.004	69	0.1	0.009	0.000	1.4523
2160 minute summer	69	1200	5.920	0.153	0.2	0.0246	0.0000OK	Infiltration	8.005	70	0.0	0.000	0.000	0.0000
2160 minute summer	70	1080	5.758	0.003	0.1	0.0005	0.0000OK	Infiltration	8.006	71	0.1	0.014	0.000	0.1938
2160 minute summer	71	1200	5.758	0.071	0.2	0.0114	0.0000OK	Infiltration	8.007	72	0.1	0.008	0.000	0.9971
2160 minute summer	72	1200	5.758	0.071	0.2	0.0114	0.0000OK	Infiltration	8.008	73	0.0	0.000	0.000	0.0000
2160 minute summer	73	1200	5.847	0.142	0.1	0.0227	0.0000OK	Infiltration	8.009	74	0.1	0.013	0.000	0.5442
2160 minute summer	74	1200	5.847	0.142	0.2	0.0227	0.0000OK	Infiltration	8.010	75	0.1	0.018	0.000	0.6162
2160 minute summer	75	1200	5.847	0.142	0.2	0.0227	0.0000OK	Infiltration	8.011	76	0.2	0.009	0.000	0.7820
2160 minute summer	76	1200	5.847	0.212	0.3	0.0322	0.0000OK	Infiltration	8.012	76_OUT	0.0	0.001	0.000	0.9139
2160 minute summer	76_OUT	1200	5.847	0.212	0.1	0.0339	0.0000OK	Infiltration	8.013					

Results for 2 year 2160 minute winter. 2400 minute analysis at 60 minute timestep. Mass balance: 85.14%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2160 minute winter	1	1080	9.544	0.244	0.5	0.0000	0.0000	FLOOD RISK	1.000	2	-0.5	-0.020	-0.025	0.4850	
2160 minute winter	2	1080	9.544	0.284	1.3	0.0000	0.0000	FLOOD RISK	1.001	3	-1.3	-0.040	-0.053	1.1264	
2160 minute winter	3	1080	9.544	0.384	1.5	0.0000	0.0000	FLOOD RISK	1.002	4	-1.5	-0.047	-0.070	0.4988	
2160 minute winter	4	1080	9.544	0.444	1.7	0.0000	0.0000	FLOOD RISK	1.003	5	-1.7	-0.055	-0.074	0.8441	
2160 minute winter	5	1080	9.544	0.544	2.0	0.0000	0.0000	FLOOD RISK	1.004	6	-2.0	-0.062	-0.062	0.1621	
2160 minute winter	6	1140	9.544	0.644	3.9	5.3070	0.0000	FLOOD RISK	1.005	7	2.8	0.481	0.054	0.7796	
2160 minute winter	7	1140	9.544	0.784	4.1	3.2343	0.0000	FLOOD RISK	1.006	8	4.1	0.438	0.059	2.4923	
2160 minute winter	8	1080	9.543	0.993	7.1	6.6172	0.0000	FLOOD RISK	1.007	9	7.1	0.438	0.098	5.9230	
2160 minute winter	9	1080	9.543	1.193	12.0	11.5988	0.0000	FLOOD RISK	1.008	10	12.0	0.414	0.051	3.1380	
2160 minute winter	10	1080	9.543	1.243	12.9	2.2030	0.0000	FLOOD RISK	1.009	11	12.9	0.310	0.067	47.8913	
2160 minute winter	11	1080	9.540	1.540	12.9	0.0000	0.0000	FLOOD RISK	1.010	12	12.9	0.222	0.045	53.3278	
2160 minute winter	12	480	7.750	1.000	12.9	0.0000	0.0000	FLOOD RISK	1.011	13	12.9	0.108	0.066	0.2491	
2160 minute winter	13	1140	9.535	0.030	12.9	0.0000	0.0000	OK	1.012	13_OUT	12.9	2.092	0.010	0.0389	
2160 minute winter	13_OUT	2400	7.689	0.135	12.9	0.0000	0.0000	OK	Flow through pond	49	73.9	0.011	0.000	1350.2499	
2160 minute winter	14	1140	9.540	0.240	0.2	0.0000	0.0000	FLOOD RISK	2.000	15	-0.2	-0.006	-0.008	0.8138	
2160 minute winter	15	1080	9.540	0.454	2.0	3.8000	0.0000	FLOOD RISK	2.001	16	2.0	0.402	0.041	0.9254	
2160 minute winter	16	1080	9.540	0.549	2.0	0.0000	0.0000	FLOOD RISK	2.002	17	2.0	0.380	0.041	0.6320	
2160 minute winter	17	1080	9.540	0.631	3.0	2.1127	0.0000	FLOOD RISK	2.003	18	3.0	0.392	0.036	1.6750	
2160 minute winter	18	1080	9.540	0.859	5.4	5.4621	0.0000	FLOOD RISK	2.004	19	5.4	0.420	0.043	5.4690	
2160 minute winter	19	1080	9.539	1.083	9.6	9.7708	0.0000	FLOOD RISK	2.005	20	9.6	0.367	0.048	4.9628	
2160 minute winter	20	1080	9.539	1.128	9.6	0.0000	0.0000	FLOOD RISK	2.006	21	9.6	0.541	0.049	3.4979	
2160 minute winter	21	1140	9.539	1.167	9.6	0.0000	0.0000	FLOOD RISK	2.007	22	9.6	0.481	0.016	3.7404	
2160 minute winter	22	1140	9.539	1.539	12.3	6.6882	0.0000	FLOOD RISK	2.008	23	12.3	0.143	0.043	53.3017	
2160 minute winter	23	480	7.750	1.090	12.3	0.0000	0.0000	FLOOD RISK	2.009	24	12.3	0.103	0.063	0.2490	
2160 minute winter	24	1140	9.535	0.035	12.3	0.0000	0.0000	OK	2.010	24_OUT	12.3	2.063	0.010	0.0357	
2160 minute winter	24_OUT	2400	7.670	0.137	12.3	0.0000	0.0000	OK	Flow through pond	49	73.9	0.011	0.000	1350.2499	
2160 minute winter	25	960	8.607	0.011	0.2	0.0072	0.0000	OK	3.000	26	0.2	0.252	0.011	0.0253	
2160 minute winter	26	960	8.449	0.014	0.4	0.0183	0.0000	OK	3.001	27	0.3	0.351	0.016	0.0327	
2160 minute winter	27							Infiltration			0.1				
2160 minute winter	27	960	8.129	0.014	0.5	0.0200	0.0000	OK	3.002	28	0.3	0.417	0.017	0.0273	
2160 minute winter	28							Infiltration			0.1				
2160 minute winter	28	960	7.710	0.015	0.5	0.0171	0.0000	OK	3.003	29	0.5	0.593	0.019	0.0326	
2160 minute winter	29							Infiltration			0.1				
2160 minute winter	29	960	7.080	0.015	0.7	0.0182	0.0000	OK	3.004	30	0.8	0.629	0.021	0.0064	
2160 minute winter	30							Infiltration			0.1				
2160 minute winter	30	960	6.835	0.010	0.6	0.0012	0.0000	OK	3.005	31	0.6	0.113	0.000	0.1012	
2160 minute winter	31	960	6.708	0.011	0.6	0.0013	0.0000	OK	3.006	32	0.6	0.052	0.000	0.1504	
2160 minute winter								Infiltration			0.1				

2160 minute winter	32	1080	6.675	0.030	0.5	0.0037	0.0000OK	3.097	33	0.0	0.000	0.000	0.1128
								Infiltration		0.1			
								Infiltration		0.4			
2160 minute winter	33	60	6.775	0.000	0.0	0.0000	0.0000OK	3.098	34	0.0	0.000	0.000	0.0002
2160 minute winter	34	60	6.745	0.000	0.0	0.0000	0.0000OK	3.099	35	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2160 minute winter	35	80	6.675	0.000	0.0	0.0000	0.0000OK	3.010	36	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2160 minute winter	36	60	6.505	0.000	0.0	0.0000	0.0000OK	3.011	37	0.0	0.000	0.000	0.0000
								Infiltration		0.0			
2160 minute winter	37	80	6.505	0.000	0.0	0.0000	0.0000OK	3.012	38	0.0	0.000	0.000	0.0000
2160 minute winter	38	80	6.265	0.000	0.0	0.0000	0.0000OK	3.013	39	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
								Infiltration		0.0			
2160 minute winter	39	60	6.455	0.000	0.0	0.0000	0.0000OK	3.014	40	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2160 minute winter	40	80	6.895	0.000	0.0	0.0000	0.0000OK	3.015	41	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2160 minute winter	41	60	6.885	0.000	0.0	0.0000	0.0000OK	3.016	42	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2160 minute winter	42	60	7.085	0.000	0.0	0.0000	0.0000OK	3.017	43	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2160 minute winter	43	80	7.145	0.000	0.0	0.0000	0.0000OK	3.018	44	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2160 minute winter	44	60	7.225	0.000	0.0	0.0000	0.0000OK	3.019	45	0.0	0.000	0.000	0.0002
2160 minute winter	45	60	7.195	0.000	0.0	0.0000	0.0000OK	3.020	46	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2160 minute winter	46	80	7.125	0.000	0.0	0.0000	0.0000OK	3.021	47	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2160 minute winter	47	60	6.985	0.000	0.0	0.0000	0.0000OK	3.022	48	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2160 minute winter	48	60	6.795	0.000	0.0	0.0000	0.0000OK	3.023	53	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2160 minute winter	49	2220	7.899	-0.331	75.2	0.0000	0.0000OK	Orifice	50	0.0			
								Infiltration		0.0			
2160 minute winter	50	60	7.400	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
2160 minute winter	51	60	7.300	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
2160 minute winter	52	80	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
2160 minute winter	53	80	6.785	0.000	0.0	0.0000	0.0000OK	3.024	54	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2160 minute winter	54	60	6.625	0.000	0.0	0.0000	0.0000OK	3.025	54_OUT	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2160 minute winter	54_OUT	60	6.505	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0			

2160 minute winter	55	780	8.459	0.013	0.1	0.0043	0.0000	OK	5.090	56	0.1	0.150	0.014	0.0111
2160 minute winter	56	780	8.428	0.012	0.2	0.0149	0.0000	OK	5.091	57	0.2	0.182	0.012	0.0180
									Infiltration		0.0			
2160 minute winter	57	750	8.327	0.017	0.3	0.0130	0.0000	OK	5.092	58	0.2	0.177	0.027	0.0378
									Infiltration		0.0			
2160 minute winter	58	900	8.265	0.020	0.3	0.0328	0.0000	OK	5.093	59	0.2	0.209	0.028	0.0224
									Infiltration		0.1			
2160 minute winter	59	780	8.217	0.012	0.3	0.0157	0.0000	OK	5.094	60	0.2	0.041	0.000	0.3359
									Infiltration		0.1			
2160 minute winter	60	1500	8.210	0.025	0.3	0.0087	0.0000	OK	5.095	61	0.3	0.020	0.000	1.2738
									Infiltration		0.1			
2160 minute winter	61	1500	8.210	0.074	0.4	0.0253	0.0000	OK	5.096	62	0.0	0.000	0.000	0.0000
									Infiltration		0.3			
2160 minute winter	62	840	8.140	0.034	0.1	0.0013	0.0000	OK	5.097	63	0.1	0.040	0.000	1.6853
2160 minute winter	63	1500	7.892	0.059	0.2	0.0192	0.0000	OK	5.098	63_OUT	0.1	0.014	0.000	1.3752
									Infiltration		0.1			
2160 minute winter	63_OUT	1500	7.892	0.127	0.2	0.0433	0.0000	OK	Infiltration		0.2			
2160 minute winter	64	1200	6.233	0.048	0.1	0.0078	0.0000	OK	5.099	65	0.1	0.024	0.000	0.4770
2160 minute winter	65	1200	6.233	0.108	0.2	0.0172	0.0000	OK	5.091	66	0.1	0.005	0.000	0.9308
									Infiltration		0.1			
2160 minute winter	66	1200	6.233	0.140	0.2	0.0221	0.0000	OK	5.092	67	0.0	0.001	0.000	0.8095
									Infiltration		0.1			
2160 minute winter	67	1200	6.233	0.157	0.1	0.0243	0.0000	OK	5.093	68	0.0	0.000	0.000	0.0000
									Infiltration		0.1			
2160 minute winter	68	1050	6.079	0.093	0.1	0.0004	0.0000	OK	5.094	69	0.1	0.009	0.000	1.4533
2160 minute winter	69	1200	5.820	0.155	0.2	0.0240	0.0000	OK	5.095	70	0.0	0.000	0.000	0.0000
									Infiltration		0.1			
2160 minute winter	70	1080	5.758	0.093	0.1	0.0005	0.0000	OK	5.096	71	0.1	0.014	0.000	0.1938
2160 minute winter	71	1200	5.758	0.071	0.2	0.0114	0.0000	OK	5.097	72	0.1	0.008	0.000	0.9971
									Infiltration		0.1			
2160 minute winter	72	1200	5.758	0.071	0.2	0.0114	0.0000	OK	5.098	73	0.0	0.000	0.000	0.0000
									Infiltration		0.2			
2160 minute winter	73	1200	5.847	0.142	0.1	0.0227	0.0000	OK	5.099	74	0.1	0.013	0.000	0.5443
2160 minute winter	74	1200	5.847	0.142	0.2	0.0227	0.0000	OK	5.010	75	0.1	0.019	0.000	0.6183
									Infiltration		0.1			
2160 minute winter	75	1200	5.847	0.142	0.2	0.0227	0.0000	OK	5.011	76	0.1	0.008	0.000	0.7620
									Infiltration		0.1			
2160 minute winter	76	1200	5.847	0.212	0.2	0.0322	0.0000	OK	5.012	76_OUT	0.1	0.001	0.000	0.8136
									Infiltration		0.1			
2160 minute winter	76_OUT	1200	5.847	0.212	0.2	0.0309	0.0000	OK	Infiltration		0.1			

Results for 2 year 2880 minute summer, 3120 minute analysis at 60 minute timestep. Mass balance: 94.88%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute summer	1	1500	9.546	0.248	0.0	0.0000	0.0000	FLOOD RISK	1.000	2	0.0	-0.001	-0.002	0.4853	
2880 minute summer	2	1440	9.546	0.298	0.4	0.0000	0.0000	FLOOD RISK	1.001	3	-0.4	-0.055	-0.020	1.1264	
2880 minute summer	3	1500	9.546	0.396	1.2	0.0000	0.0000	FLOOD RISK	1.002	4	-1.2	-0.054	-0.057	0.4988	
2880 minute summer	4	1500	9.546	0.446	1.8	0.0000	0.0000	FLOOD RISK	1.003	5	-1.8	-0.058	-0.077	0.8441	
2880 minute summer	5	1440	9.546	0.546	2.1	0.0000	0.0000	FLOOD RISK	1.004	6	-2.1	-0.060	-0.055	0.1821	
2880 minute summer	6	1440	9.546	0.646	3.5	5.3270	0.0000	FLOOD RISK	1.005	7	2.8	0.438	0.058	0.7796	
2880 minute summer	7	1440	9.546	0.796	4.4	3.2443	0.0000	FLOOD RISK	1.006	8	4.4	0.401	0.053	2.4923	
2880 minute summer	8	1440	9.546	0.896	7.8	6.8341	0.0000	FLOOD RISK	1.007	9	7.8	0.387	0.076	5.9236	
2880 minute summer	9	1440	9.546	1.195	12.9	11.6212	0.0000	FLOOD RISK	1.008	10	12.9	0.391	0.054	3.1360	
2880 minute summer	10	1440	9.545	1.245	13.9	2.2073	0.0000	FLOOD RISK	1.009	11	13.9	0.281	0.094	47.8813	
2880 minute summer	11	1440	9.542	1.542	13.9	0.0000	0.0000	FLOOD RISK	1.010	12	13.9	0.158	0.048	63.3278	
2880 minute summer	12	660	7.750	1.006	13.9	0.0000	0.0000	FLOOD RISK	1.011	13	13.9	0.116	0.071	0.2495	
2880 minute summer	13	1500	9.537	0.637	13.9	0.0000	0.0000	OK	1.012	13_OUT	13.9	2.141	0.011	0.0389	
2880 minute summer	13_OUT	3060	7.683	0.130	13.9	0.0000	0.0000	OK	Flow through pond	49	37.8	0.006	0.000	1299.0020	
2880 minute summer	14	1440	9.542	0.242	0.0	0.0000	0.0000	FLOOD RISK	2.000	15	0.2	0.005	0.006	0.8136	
2880 minute summer	15	1440	9.542	0.458	2.1	3.6147	0.0000	FLOOD RISK	2.001	16	2.1	0.342	0.043	0.9254	
2880 minute summer	16	1440	9.542	0.661	2.1	0.0000	0.0000	FLOOD RISK	2.002	17	2.1	0.357	0.043	0.6320	
2880 minute summer	17	1440	9.542	0.663	3.2	2.1155	0.0000	FLOOD RISK	2.003	18	3.2	0.366	0.041	1.8750	
2880 minute summer	18	1440	9.542	0.861	5.8	5.4136	0.0000	FLOOD RISK	2.004	19	5.8	0.373	0.046	5.4890	
2880 minute summer	19	1500	9.541	1.085	10.3	9.7886	0.0000	FLOOD RISK	2.005	20	10.3	0.332	0.052	4.0828	
2880 minute summer	20	1440	9.541	1.130	10.3	0.0000	0.0000	FLOOD RISK	2.006	21	10.3	0.459	0.052	3.4978	
2880 minute summer	21	1440	9.541	1.196	10.3	0.0000	0.0000	FLOOD RISK	2.007	22	10.3	0.452	0.017	3.7404	
2880 minute summer	22	1440	9.541	1.541	13.2	6.6938	0.0000	FLOOD RISK	2.008	23	13.2	0.193	0.048	53.3017	
2880 minute summer	23	660	7.750	1.600	13.2	0.0000	0.0000	FLOOD RISK	2.009	24	13.2	0.111	0.067	0.2494	
2880 minute summer	24	1500	9.536	0.636	13.2	0.0000	0.0000	OK	2.010	24_OUT	13.2	2.108	0.011	0.0375	
2880 minute summer	24_OUT	2880	7.662	0.129	13.2	0.0000	0.0000	OK	Flow through pond	49	37.8	0.006	0.000	1299.0020	
2880 minute summer	25	1380	8.897	0.011	0.2	0.0072	0.0000	OK	3.000	26	0.2	0.282	0.011	0.0253	
2880 minute summer	26	1380	8.449	0.014	0.4	0.0183	0.0000	OK	3.001	27	0.3	0.351	0.018	0.0327	
								Infiltration			0.1				
2880 minute summer	27	1380	8.129	0.014	0.5	0.0290	0.0000	OK	3.002	28	0.3	0.417	0.017	0.0273	
								Infiltration			0.1				
2880 minute summer	28	1380	7.710	0.015	0.5	0.0171	0.0000	OK	3.003	29	0.5	0.503	0.018	0.0328	
								Infiltration			0.1				
2880 minute summer	29	1380	7.060	0.013	0.7	0.0182	0.0000	OK	3.004	30	0.8	0.626	0.021	0.0064	
								Infiltration			0.1				
2880 minute summer	30	1380	6.835	0.010	0.9	0.0012	0.0000	OK	3.005	31	0.5	0.113	0.000	0.1012	
2880 minute summer	31	1380	6.706	0.011	0.6	0.0013	0.0000	OK	3.006	32	0.5	0.052	0.000	0.1504	
								Infiltration			0.1				
2880 minute summer	32	1500	6.675	0.030	0.5	0.0037	0.0000	OK	3.007	33	0.0	0.000	0.000	0.1128	

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2880 minute summer	57	1290	8.327	0.017	0.3	0.0138	0.0000CK	Infiltration	5.052	58	0.2	0.177	0.027	0.0378
2880 minute summer	58	1380	8.285	0.020	0.3	0.0326	0.0000CK	Infiltration	5.003	59	0.2	0.209	0.028	0.0224
2880 minute summer	59	1290	8.217	0.012	0.3	0.0157	0.0000CK	Infiltration	5.004	60	0.2	0.041	0.000	0.3348
2880 minute summer	60	1740	8.218	0.025	0.3	0.0086	0.0000CK	Infiltration	5.005	61	0.3	0.028	0.000	1.2704
2880 minute summer	61	1740	8.210	0.074	0.4	0.0252	0.0000CK	Infiltration	5.006	62	0.0	0.000	0.000	0.0000
2880 minute summer	62	1320	8.149	0.004	0.1	0.0013	0.0000CK	Infiltration	5.007	63	0.1	0.040	0.000	1.0082
2880 minute summer	63	1740	7.869	0.053	0.2	0.0179	0.0000CK	Infiltration	5.008	63_OUT	0.1	0.014	0.000	1.3108
2880 minute summer	63_OUT	1740	7.869	0.124	0.2	0.0420	0.0000CK	Infiltration	5.009	64	0.1	0.024	0.000	0.1788
2880 minute summer	64	1500	6.188	0.003	0.1	0.0006	0.0000CK	Infiltration	5.010	65	0.1	0.005	0.000	0.5189
2880 minute summer	65	1500	6.184	0.056	0.2	0.0094	0.0000CK	Infiltration	5.011	66	0.1	0.005	0.000	0.5189
2880 minute summer	66	1500	6.184	0.091	0.2	0.0143	0.0000CK	Infiltration	5.012	67	0.0	0.002	0.000	0.3771
2880 minute summer	67	1500	6.184	0.108	0.1	0.0187	0.0000CK	Infiltration	5.013	68	0.0	0.000	0.000	0.0000
2880 minute summer	68	1500	6.079	0.003	0.1	0.0004	0.0000CK	Infiltration	5.014	69	0.1	0.009	0.000	0.8705
2880 minute summer	69	1500	5.887	0.102	0.2	0.0183	0.0000CK	Infiltration	5.015	70	0.0	0.000	0.000	0.0000
2880 minute summer	70	1500	5.758	0.003	0.1	0.0005	0.0000CK	Infiltration	5.016	71	0.1	0.014	0.000	0.1311
2880 minute summer	71	1500	5.734	0.046	0.2	0.0078	0.0000CK	Infiltration	5.017	72	0.1	0.008	0.000	0.6618
2880 minute summer	72	1500	5.734	0.049	0.2	0.0078	0.0000CK	Infiltration	5.018	73	0.0	0.000	0.000	0.0000
2880 minute summer	73	1500	5.776	0.071	0.1	0.0114	0.0000CK	Infiltration	5.019	74	0.1	0.013	0.000	0.2432
2880 minute summer	74	1500	5.776	0.071	0.2	0.0114	0.0000CK	Infiltration	5.010	75	0.1	0.018	0.000	0.2754
2880 minute summer	75	1500	5.776	0.071	0.2	0.0114	0.0000CK	Infiltration	5.011	76	0.1	0.008	0.000	0.4244
2880 minute summer	76	1500	5.776	0.141	0.2	0.0215	0.0000CK	Infiltration	5.012	76_OUT	0.1	0.001	0.000	0.5489
2880 minute summer	76_OUT	1500	5.776	0.141	0.2	0.0226	0.0000CK	Infiltration	5.013		0.1			

Results for 2 year 2880 minute winter, 3120 minute analysis at 60 minute timestep, Mass balance: 85.44%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
2880 minute winter	1	1440	9.538	0.238	0.0	0.0000	0.0000	FLOOD RISK	1.000	2	0.0	-0.001	-0.002	0.4853	
2880 minute winter	2	1440	9.538	0.250	0.0	0.0000	0.0000	FLOOD RISK	1.001	3	0.0	0.001	0.002	1.1264	
2880 minute winter	3	1440	9.538	0.338	0.0	0.0000	0.0000	FLOOD RISK	1.002	4	-0.8	-0.058	-0.038	0.4988	
2880 minute winter	4	1500	9.538	0.438	1.5	0.0000	0.0000	FLOOD RISK	1.003	5	-1.5	-0.054	-0.068	0.8441	
2880 minute winter	5	1500	9.538	0.638	1.8	0.0000	0.0000	FLOOD RISK	1.004	6	-1.8	-0.050	-0.049	0.1921	
2880 minute winter	6	1440	9.538	0.638	3.2	5.2591	0.0000	FLOOD RISK	1.005	7	2.1	0.428	0.044	0.7796	
2880 minute winter	7	1440	9.538	0.788	3.3	3.2110	0.0000	FLOOD RISK	1.006	8	3.3	0.409	0.046	2.4923	
2880 minute winter	8	1500	9.538	0.988	5.7	6.7788	0.0000	FLOOD RISK	1.007	9	5.7	0.397	0.053	5.9230	
2880 minute winter	9	1440	9.537	1.187	9.7	11.5457	0.0000	FLOOD RISK	1.008	10	9.7	0.370	0.041	3.1380	
2880 minute winter	10	1440	9.537	1.237	10.5	2.1937	0.0000	FLOOD RISK	1.009	11	10.5	0.291	0.071	47.8913	
2880 minute winter	11	1440	9.538	1.538	10.5	0.0000	0.0000	FLOOD RISK	1.010	12	10.5	0.240	0.030	53.3278	
2880 minute winter	12	800	7.750	1.000	10.5	0.0000	0.0000	FLOOD RISK	1.011	13	10.5	0.089	0.053	0.2481	
2880 minute winter	13	1500	9.533	0.033	10.5	0.0000	0.0000	OK	1.012	13_OUT	10.5	1.985	0.008	0.0320	
2880 minute winter	13_OUT	2880	7.685	0.152	10.5	0.0000	0.0000	OK	Flow through pond	49	46.0	0.007	0.000	1488.2451	
2880 minute winter	14	1500	9.535	0.235	0.0	0.0000	0.0000	FLOOD RISK	2.000	15	0.1	0.002	0.002	0.8138	
2880 minute winter	15	1440	9.535	0.449	2.1	3.5615	0.0000	FLOOD RISK	2.001	16	1.8	0.360	0.033	0.9254	
2880 minute winter	16	1440	9.535	0.544	1.8	0.0000	0.0000	FLOOD RISK	2.002	17	1.8	0.389	0.032	0.6320	
2880 minute winter	17	1440	9.535	0.970	2.4	2.0979	0.0000	FLOOD RISK	2.003	18	2.4	0.308	0.031	1.6750	
2880 minute winter	18	1440	9.535	0.854	4.4	5.3726	0.0000	FLOOD RISK	2.004	19	4.4	0.387	0.035	5.4690	
2880 minute winter	19	1440	9.535	1.079	7.8	9.7291	0.0000	FLOOD RISK	2.005	20	7.8	0.350	0.040	4.9528	
2880 minute winter	20	1500	9.535	1.124	7.8	0.0000	0.0000	FLOOD RISK	2.006	21	7.8	0.480	0.039	3.4979	
2880 minute winter	21	1500	9.535	1.103	7.8	0.0000	0.0000	FLOOD RISK	2.007	22	7.8	0.482	0.010	3.7404	
2880 minute winter	22	1500	9.535	1.535	10.0	8.6688	0.0000	FLOOD RISK	2.008	23	10.0	0.145	0.035	53.3017	
2880 minute winter	23	800	7.750	1.000	10.0	0.0000	0.0000	FLOOD RISK	2.009	24	10.0	0.085	0.051	0.2481	
2880 minute winter	24	1500	9.532	0.032	10.0	0.0000	0.0000	OK	2.010	24_OUT	10.0	1.938	0.008	0.6308	
2880 minute winter	24_OUT	3120	7.685	0.152	10.0	0.0000	0.0000	OK	Flow through pond	49	46.0	0.007	0.000	1488.2451	
2880 minute winter	25	1320	8.607	0.011	0.2	0.0072	0.0000	OK	3.000	26	0.2	0.252	0.011	0.0253	
2880 minute winter	26	1320	8.449	0.014	0.4	0.0183	0.0000	OK	3.001	27	0.3	0.351	0.016	0.0327	
2880 minute winter	27							Infiltration			0.1				
2880 minute winter	27	1320	8.129	0.014	0.5	0.0200	0.0000	OK	3.002	28	0.3	0.417	0.017	0.0273	
2880 minute winter	28							Infiltration			0.1				
2880 minute winter	28	1320	7.710	0.015	0.5	0.0171	0.0000	OK	3.003	29	0.5	0.503	0.019	0.0328	
2880 minute winter	29							Infiltration			0.1				
2880 minute winter	29	1320	7.080	0.015	0.7	0.0182	0.0000	OK	3.004	30	0.8	0.629	0.021	0.0064	
2880 minute winter	30							Infiltration			0.1				
2880 minute winter	30	1320	6.835	0.010	0.6	0.0012	0.0000	OK	3.005	31	0.6	0.113	0.000	0.1012	
2880 minute winter	31	1320	6.708	0.011	0.5	0.0013	0.0000	OK	3.006	32	0.5	0.052	0.000	0.1504	
2880 minute winter	32							Infiltration			0.1				

2880 minute winter	32	1440	6.675	0.030	0.5	0.0037	0.0000OK	3.007	33	0.0	0.000	0.000	0.1128
								Infiltration		0.1			
								Infiltration		0.4			
2880 minute winter	33	60	6.775	0.000	0.0	0.0000	0.0000OK	3.008	34	0.0	0.000	0.000	0.0002
2880 minute winter	34	60	6.745	0.000	0.0	0.0000	0.0000OK	3.009	35	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2880 minute winter	35	80	6.675	0.000	0.0	0.0000	0.0000OK	3.010	36	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2880 minute winter	36	60	6.505	0.000	0.0	0.0000	0.0000OK	3.011	37	0.0	0.000	0.000	0.0000
								Infiltration		0.0			
2880 minute winter	37	80	6.505	0.000	0.0	0.0000	0.0000OK	3.012	38	0.0	0.000	0.000	0.0000
2880 minute winter	38	80	6.265	0.000	0.0	0.0000	0.0000OK	3.013	39	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
								Infiltration		0.0			
2880 minute winter	39	60	6.455	0.000	0.0	0.0000	0.0000OK	3.014	40	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2880 minute winter	40	80	6.895	0.000	0.0	0.0000	0.0000OK	3.015	41	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2880 minute winter	41	60	6.885	0.000	0.0	0.0000	0.0000OK	3.016	42	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2880 minute winter	42	60	7.085	0.000	0.0	0.0000	0.0000OK	3.017	43	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2880 minute winter	43	80	7.145	0.000	0.0	0.0000	0.0000OK	3.018	44	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2880 minute winter	44	60	7.225	0.000	0.0	0.0000	0.0000OK	3.019	45	0.0	0.000	0.000	0.0002
2880 minute winter	45	60	7.195	0.000	0.0	0.0000	0.0000OK	3.020	46	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2880 minute winter	46	80	7.125	0.000	0.0	0.0000	0.0000OK	3.021	47	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2880 minute winter	47	60	6.985	0.000	0.0	0.0000	0.0000OK	3.022	48	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2880 minute winter	48	60	6.795	0.000	0.0	0.0000	0.0000OK	3.023	53	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2880 minute winter	49	3080	7.834	-0.316	49.1	0.0000	0.0000OK	3.024	50	0.0			
								Infiltration		0.0			
2880 minute winter	50	60	7.400	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
2880 minute winter	51	60	7.300	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
2880 minute winter	52	80	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
2880 minute winter	53	80	6.785	0.000	0.0	0.0000	0.0000OK	3.024	54	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2880 minute winter	54	60	6.525	0.000	0.0	0.0000	0.0000OK	3.025	54_OUT	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2880 minute winter	54_OUT	60	6.505	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0			

2880 minute winter	55	1140	8.459	0.013	0.1	0.0043	0.0000OK	5.000	56	0.1	0.150	0.014	0.0111
2880 minute winter	56	1140	8.428	0.012	0.2	0.0149	0.0000OK	5.001	57	0.2	0.182	0.012	0.0180
								Infiltration		0.0			
2880 minute winter	57	1140	8.327	0.017	0.3	0.0130	0.0000OK	5.002	58	0.2	0.177	0.027	0.0378
								Infiltration		0.0			
2880 minute winter	58	1250	8.265	0.020	0.3	0.0328	0.0000OK	5.003	59	0.2	0.209	0.028	0.0224
								Infiltration		0.1			
2880 minute winter	59	1140	8.217	0.012	0.3	0.0157	0.0000OK	5.004	60	0.2	0.041	0.000	0.3359
								Infiltration		0.1			
2880 minute winter	60	1850	8.210	0.025	0.3	0.0087	0.0000OK	5.005	61	0.3	0.020	0.000	1.2738
								Infiltration		0.1			
2880 minute winter	61	1850	8.210	0.074	0.4	0.0253	0.0000OK	5.006	62	0.0	0.000	0.000	0.0000
								Infiltration		0.3			
2880 minute winter	62	1200	8.140	0.034	0.1	0.0013	0.0000OK	5.007	63	0.1	0.040	0.000	1.6853
2880 minute winter	63	1850	7.892	0.059	0.2	0.0192	0.0000OK	5.008	63_OUT	0.1	0.014	0.000	1.3752
								Infiltration		0.1			
2880 minute winter	63_OUT	1850	7.892	0.127	0.2	0.0433	0.0000OK	Infiltration		0.2			
2880 minute winter	64	80	6.185	0.000	0.0	0.0000	0.0000OK	5.000	65	0.0	0.000	0.000	0.0002
2880 minute winter	65	80	6.125	0.000	0.0	0.0000	0.0000OK	5.001	66	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
2880 minute winter	66	60	6.093	0.000	0.0	0.0000	0.0000OK	5.002	67	0.0	0.000	0.000	0.0001
								Infiltration		0.0			
2880 minute winter	67	80	6.075	0.000	0.0	0.0000	0.0000OK	5.003	68	0.0	0.000	0.000	0.0000
								Infiltration		0.0			
2880 minute winter	68	60	6.078	0.000	0.0	0.0000	0.0000OK	5.004	69	0.0	0.000	0.000	0.0004
2880 minute winter	69	60	5.785	0.000	0.0	0.0000	0.0000OK	5.005	70	0.0	0.000	0.000	0.0000
								Infiltration		0.0			
2880 minute winter	70	80	5.755	0.000	0.0	0.0000	0.0000OK	5.006	71	0.0	0.000	0.000	0.0001
2880 minute winter	71	80	5.685	0.000	0.0	0.0000	0.0000OK	5.007	72	0.0	0.000	0.000	0.0004
								Infiltration		0.0			
2880 minute winter	72	60	5.685	0.000	0.0	0.0000	0.0000OK	5.008	73	0.0	0.000	0.000	0.0000
								Infiltration		0.0			
2880 minute winter	73	80	5.705	0.000	0.0	0.0000	0.0000OK	5.009	74	0.0	0.000	0.000	0.0001
2880 minute winter	74	80	5.705	0.000	0.0	0.0000	0.0000OK	5.010	75	0.0	0.000	0.000	0.0001
								Infiltration		0.0			
2880 minute winter	75	60	5.705	0.000	0.0	0.0000	0.0000OK	5.011	76	0.0	0.000	0.000	0.0001
								Infiltration		0.0			
2880 minute winter	76	80	5.835	0.000	0.0	0.0000	0.0000OK	5.012	76_OUT	0.0	0.000	0.000	0.0001
								Infiltration		0.0			
2880 minute winter	76_OUT	80	5.835	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0			

Results for 2 year 4320 minute summer, 4560 minute analysis at 60 minute timestep, Mass balance: 98.53%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute summer	1	2220	9.540	0.240	0.2	0.0000	0.0000	FLOOD RISK	1.000	2	-0.2	-0.038	-0.011	0.4850	
4320 minute summer	2	2220	9.540	0.290	0.9	0.0000	0.0000	FLOOD RISK	1.001	3	-0.9	-0.044	-0.048	1.1264	
4320 minute summer	3	2160	9.539	0.389	1.4	0.0000	0.0000	FLOOD RISK	1.002	4	-1.4	-0.048	-0.068	0.4988	
4320 minute summer	4	2160	9.538	0.438	1.6	0.0000	0.0000	FLOOD RISK	1.003	5	-1.6	-0.050	-0.088	0.8441	
4320 minute summer	5	2160	9.538	0.538	1.7	0.0000	0.0000	FLOOD RISK	1.004	6	-1.7	-0.053	-0.045	0.1821	
4320 minute summer	6	2160	9.538	0.638	2.5	5.2695	0.0000	FLOOD RISK	1.005	7	2.5	0.377	0.045	0.7798	
4320 minute summer	7	2160	9.539	0.788	3.5	3.2160	0.0000	FLOOD RISK	1.006	8	3.5	0.384	0.050	2.4923	
4320 minute summer	8	2160	9.539	0.989	6.0	6.7870	0.0000	FLOOD RISK	1.007	9	6.0	0.342	0.055	5.9230	
4320 minute summer	9	2220	9.538	1.188	10.2	11.5589	0.0000	FLOOD RISK	1.008	10	10.2	0.309	0.043	3.1360	
4320 minute summer	10	2220	9.538	1.238	11.0	2.1957	0.0000	FLOOD RISK	1.009	11	11.0	0.254	0.074	47.8813	
4320 minute summer	11	2220	9.537	1.537	11.0	0.0000	0.0000	FLOOD RISK	1.010	12	11.0	0.185	0.038	63.3278	
4320 minute summer	12	840	7.750	1.008	11.0	0.0000	0.0000	FLOOD RISK	1.011	13	11.0	0.093	0.058	0.2483	
4320 minute summer	13	2220	9.533	0.833	11.0	0.0000	0.0000	OK	1.012	13_OUT	11.0	1.894	0.009	0.0330	
4320 minute summer	13_OUT	4360	7.692	0.158	11.0	0.0000	0.0000	OK	Flow through pond	48	38.2	0.005	0.000	1540.0072	
4320 minute summer	14	2160	9.537	0.237	0.2	0.0000	0.0000	FLOOD RISK	2.000	15	-0.2	-0.005	-0.005	0.8136	
4320 minute summer	15	2220	9.537	0.451	1.7	3.5721	0.0000	FLOOD RISK	2.001	16	1.7	0.303	0.035	0.9254	
4320 minute summer	16	2220	9.536	0.545	1.7	0.0000	0.0000	FLOOD RISK	2.002	17	1.7	0.320	0.034	0.6320	
4320 minute summer	17	2160	9.536	0.677	2.6	2.1020	0.0000	FLOOD RISK	2.003	18	2.6	0.305	0.030	1.8750	
4320 minute summer	18	2160	9.536	0.855	4.7	5.3898	0.0000	FLOOD RISK	2.004	19	4.7	0.321	0.037	5.4890	
4320 minute summer	19	2160	9.536	1.080	8.3	9.7407	0.0000	FLOOD RISK	2.005	20	8.3	0.296	0.042	4.0828	
4320 minute summer	20	2220	9.536	1.125	8.3	0.0000	0.0000	FLOOD RISK	2.006	21	8.3	0.409	0.042	3.4978	
4320 minute summer	21	2220	9.536	1.184	8.3	0.0000	0.0000	FLOOD RISK	2.007	22	8.3	0.398	0.014	3.7404	
4320 minute summer	22	2220	9.536	1.536	10.6	6.6720	0.0000	FLOOD RISK	2.008	23	10.6	0.190	0.037	53.3017	
4320 minute summer	23	840	7.750	1.600	10.6	0.0000	0.0000	FLOOD RISK	2.009	24	10.6	0.090	0.054	0.2483	
4320 minute summer	24	2220	9.533	0.933	10.6	0.0000	0.0000	OK	2.010	24_OUT	10.6	1.872	0.008	0.0322	
4320 minute summer	24_OUT	4360	7.692	0.158	10.6	0.0000	0.0000	OK	Flow through pond	49	38.2	0.005	0.000	1540.0072	
4320 minute summer	25	2160	8.897	0.011	0.2	0.0072	0.0000	OK	3.000	26	0.2	0.282	0.011	0.0253	
4320 minute summer	26	2160	8.449	0.014	0.4	0.0183	0.0000	OK	3.001	27	0.3	0.351	0.018	0.0327	
								Infiltration			0.1				
4320 minute summer	27	2160	8.129	0.014	0.5	0.0290	0.0000	OK	3.002	28	0.3	0.417	0.017	0.0273	
								Infiltration			0.1				
4320 minute summer	28	2160	7.710	0.015	0.5	0.0171	0.0000	OK	3.003	29	0.5	0.503	0.018	0.0328	
								Infiltration			0.1				
4320 minute summer	29	2160	7.080	0.015	0.7	0.0182	0.0000	OK	3.004	30	0.8	0.620	0.021	0.0084	
								Infiltration			0.1				
4320 minute summer	30	2160	6.835	0.018	0.9	0.0012	0.0000	OK	3.005	31	0.9	0.113	0.000	0.1012	
4320 minute summer	31	2160	6.706	0.011	0.6	0.0013	0.0000	OK	3.006	32	0.5	0.652	0.000	0.1504	
								Infiltration			0.1				
4320 minute summer	32	2280	6.675	0.030	0.5	0.0037	0.0000	OK	3.007	33	0.5	0.009	0.000	0.1128	

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4320 minute summer	57	1920	8.327	0.017	0.3	0.0138	0.0000OK	Infiltration		0.0			
4320 minute summer	58	2040	8.285	0.020	0.3	0.0326	0.0000OK	Infiltration		0.0			
4320 minute summer	59	1920	8.217	0.012	0.3	0.0157	0.0000OK	Infiltration		0.1			
4320 minute summer	60	2520	8.216	0.025	0.3	0.0087	0.0000OK	Infiltration		0.1			
4320 minute summer	61	2520	8.210	0.074	0.4	0.0253	0.0000OK	Infiltration		0.3	0.026	0.000	1.2730
4320 minute summer	62	1980	8.149	0.004	0.1	0.0013	0.0000OK	Infiltration		0.1	0.040	0.000	1.0585
4320 minute summer	63	2520	7.891	0.053	0.2	0.0187	0.0000OK	Infiltration		0.1	0.014	0.000	1.3526
4320 minute summer	63_OUT	2520	7.891	0.126	0.2	0.0429	0.0000OK	Infiltration		0.2			
4320 minute summer	64	60	6.185	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0	0.000	0.000	0.0002
4320 minute summer	65	60	6.125	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0	0.000	0.000	0.0002
4320 minute summer	66	60	6.093	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0	0.000	0.000	0.0001
4320 minute summer	67	60	6.076	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0	0.000	0.000	0.0000
4320 minute summer	68	60	6.078	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0	0.000	0.000	0.0004
4320 minute summer	69	60	5.765	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0	0.000	0.000	0.0000
4320 minute summer	70	60	5.755	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0	0.000	0.000	0.0001
4320 minute summer	71	60	5.685	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0	0.000	0.000	0.0004
4320 minute summer	72	60	5.685	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0	0.000	0.000	0.0000
4320 minute summer	73	60	5.705	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0	0.000	0.000	0.0001
4320 minute summer	74	60	5.765	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0	0.000	0.000	0.0001
4320 minute summer	75	60	5.705	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0	0.000	0.000	0.0001
4320 minute summer	76	60	5.635	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0	0.000	0.000	0.0001
4320 minute summer	76_OUT	60	5.635	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0			

Results for 2 year 4320 minute winter, 4560 minute analysis at 60 minute timestep, Mass balance: 86.93%

Event	US Node ID	Peak (mins)	Level (m)	Depth (m)	Inflow (l/s)	Node Vol (m³)	Flood (m³)	Status	Link ID	DS Node ID	Outflow (l/s)	Velocity (m/s)	Flow/Cap	Link Vol (m³)	Discharge Vol (m³)
4320 minute winter	1	2180	9.532	0.232	0.2	0.0000	0.0000	FLOOD RISK	1.000	2	-0.2	-0.0377	-0.011	0.4850	
4320 minute winter	2	2180	9.532	0.252	0.9	0.0000	0.0000	FLOOD RISK	1.001	3	-0.9	-0.042	-0.045	1.1264	
4320 minute winter	3	2220	9.532	0.332	1.4	0.0000	0.0000	FLOOD RISK	1.002	4	-1.4	-0.044	-0.055	0.4988	
4320 minute winter	4	2220	9.532	0.432	1.5	0.0000	0.0000	FLOOD RISK	1.003	5	-1.5	-0.047	-0.065	0.8441	
4320 minute winter	5	2220	9.532	0.632	1.6	0.0000	0.0000	FLOOD RISK	1.004	6	-1.6	-0.050	-0.042	0.1521	
4320 minute winter	6	2180	9.532	0.632	2.3	5.2099	0.0000	FLOOD RISK	1.005	7	1.8	0.3777	0.030	0.7796	
4320 minute winter	7	2180	9.532	0.782	2.5	3.1870	0.0000	FLOOD RISK	1.006	8	2.5	0.385	0.036	2.4923	
4320 minute winter	8	2220	9.532	0.982	4.4	6.7392	0.0000	FLOOD RISK	1.007	9	4.4	0.381	0.041	5.9230	
4320 minute winter	9	2180	9.532	1.182	7.5	11.4901	0.0000	FLOOD RISK	1.008	10	7.5	0.3177	0.032	3.1380	
4320 minute winter	10	2180	9.532	1.232	8.1	2.1836	0.0000	FLOOD RISK	1.009	11	8.1	0.250	0.055	47.8913	
4320 minute winter	11	2180	9.531	1.531	8.1	0.0000	0.0000	FLOOD RISK	1.010	12	8.1	0.189	0.028	53.3278	
4320 minute winter	12	780	7.750	1.000	8.1	0.0000	0.0000	FLOOD RISK	1.011	13	8.1	0.089	0.041	0.2470	
4320 minute winter	13	2220	9.528	0.028	8.1	0.0000	0.0000	OK	1.012	13_OUT	8.1	1.813	0.007	0.0288	
4320 minute winter	13_OUT	4260	7.717	0.184	8.1	0.0000	0.0000	OK	Flow through pond	49	37.5	0.005	0.000	1762.9164	
4320 minute winter	14	2180	9.530	0.230	0.0	0.0000	0.0000	FLOOD RISK	2.000	15	0.1	0.002	0.002	0.8138	
4320 minute winter	15	2220	9.530	0.444	1.6	3.5191	0.0000	FLOOD RISK	2.001	16	1.2	0.324	0.025	0.9254	
4320 minute winter	16	2220	9.530	0.538	1.2	0.0000	0.0000	FLOOD RISK	2.002	17	1.2	0.322	0.024	0.6320	
4320 minute winter	17	2180	9.530	0.971	1.8	2.6818	0.0000	FLOOD RISK	2.003	18	1.8	0.325	0.023	1.6750	
4320 minute winter	18	2280	9.530	0.849	3.3	5.3397	0.0000	FLOOD RISK	2.004	19	3.3	0.332	0.028	5.4690	
4320 minute winter	19	2180	9.530	1.074	5.9	9.8820	0.0000	FLOOD RISK	2.005	20	5.9	0.317	0.030	4.9528	
4320 minute winter	20	2180	9.530	1.119	5.9	0.0000	0.0000	FLOOD RISK	2.006	21	5.9	0.420	0.030	3.4979	
4320 minute winter	21	2180	9.530	1.158	5.9	0.0000	0.0000	FLOOD RISK	2.007	22	5.9	0.416	0.010	3.7404	
4320 minute winter	22	2180	9.530	1.530	7.8	6.5445	0.0000	FLOOD RISK	2.008	23	7.8	0.1577	0.025	53.3017	
4320 minute winter	23	780	7.750	1.030	7.8	0.0000	0.0000	FLOOD RISK	2.009	24	7.8	0.085	0.038	0.2470	
4320 minute winter	24	2280	9.528	0.028	7.8	0.0000	0.0000	OK	2.010	24_OUT	7.8	1.778	0.008	0.0258	
4320 minute winter	24_OUT	4260	7.717	0.184	7.8	0.0000	0.0000	OK	Flow through pond	49	37.5	0.005	0.000	1762.9164	
4320 minute winter	25	1380	8.604	0.008	0.1	0.0052	0.0000	OK	3.000	26	0.1	0.240	0.000	0.0148	
4320 minute winter	26	1380	8.445	0.010	0.2	0.0105	0.0000	OK	3.001	27	0.1	0.278	0.000	0.0177	
											0.1				
4320 minute winter	27	1380	8.124	0.039	0.2	0.0103	0.0000	OK	3.002	28	0.1	0.311	0.007	0.0141	
											0.1				
4320 minute winter	28	1380	7.704	0.009	0.2	0.0092	0.0000	OK	3.003	29	0.2	0.374	0.007	0.0168	
											0.1				
4320 minute winter	29	1380	7.075	0.010	0.3	0.0090	0.0000	OK	3.004	30	0.2	0.473	0.008	0.0033	
											0.0				
4320 minute winter	30	1380	6.839	0.005	0.2	0.0007	0.0000	OK	3.005	31	0.2	0.050	0.000	0.0501	
4320 minute winter	31	1380	6.701	0.005	0.2	0.0007	0.0000	OK	3.006	32	0.2	0.050	0.000	0.0500	
											0.0				

4320 minute winter	32	1500	6.850	0.011	0.2	0.0014	0.0000OK	3.087	33	0.0	0.000	0.000	0.0002
								Infiltration		0.1			
								Infiltration		0.1			
4320 minute winter	33	50	6.775	0.000	0.0	0.0000	0.0000OK	3.088	34	0.0	0.000	0.000	0.0002
4320 minute winter	34	60	6.745	0.000	0.0	0.0000	0.0000OK	3.089	35	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
4320 minute winter	35	80	6.675	0.000	0.0	0.0000	0.0000OK	3.010	36	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
4320 minute winter	36	90	6.505	0.000	0.0	0.0000	0.0000OK	3.011	37	0.0	0.000	0.000	0.0000
								Infiltration		0.0			
4320 minute winter	37	80	6.505	0.000	0.0	0.0000	0.0000OK	3.012	38	0.0	0.000	0.000	0.0000
4320 minute winter	38	80	6.265	0.000	0.0	0.0000	0.0000OK	3.013	39	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
								Infiltration		0.0			
4320 minute winter	39	50	6.455	0.000	0.0	0.0000	0.0000OK	3.014	40	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
4320 minute winter	40	80	6.895	0.000	0.0	0.0000	0.0000OK	3.015	41	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
4320 minute winter	41	90	6.885	0.000	0.0	0.0000	0.0000OK	3.016	42	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
4320 minute winter	42	60	7.085	0.000	0.0	0.0000	0.0000OK	3.017	43	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
4320 minute winter	43	80	7.145	0.000	0.0	0.0000	0.0000OK	3.018	44	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
4320 minute winter	44	60	7.225	0.000	0.0	0.0000	0.0000OK	3.019	45	0.0	0.000	0.000	0.0002
4320 minute winter	45	50	7.195	0.000	0.0	0.0000	0.0000OK	3.020	46	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
4320 minute winter	46	80	7.125	0.000	0.0	0.0000	0.0000OK	3.021	47	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
4320 minute winter	47	50	6.985	0.000	0.0	0.0000	0.0000OK	3.022	48	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
4320 minute winter	48	50	6.795	0.000	0.0	0.0000	0.0000OK	3.023	53	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
4320 minute winter	49	4380	7.715	-0.235	40.3	0.0000	0.0000OK	Orifice	50	0.0			
								Infiltration		0.0			
4320 minute winter	50	50	7.400	0.000	0.0	0.0000	0.0000OK	4.001	51	0.0	0.000	0.000	0.0000
4320 minute winter	51	60	7.300	0.000	0.0	0.0000	0.0000OK	4.002	52	0.0	0.000	0.000	0.0000
4320 minute winter	52	80	7.200	0.000	0.0	0.0000	0.0000OK	4.003	53	0.0	0.000	0.000	0.0000
4320 minute winter	53	80	6.785	0.000	0.0	0.0000	0.0000OK	3.024	54	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
4320 minute winter	54	50	6.525	0.000	0.0	0.0000	0.0000OK	3.025	54_OUT	0.0	0.000	0.000	0.0002
								Infiltration		0.0			
4320 minute winter	54_OUT	50	6.505	0.000	0.0	0.0000	0.0000OK	Infiltration		0.0			

4320 minute winter	55	1800	8.459	0.013	0.1	0.0043	0.0000	OK	5.000	56	0.1	0.150	0.014	0.0111
4320 minute winter	56	1800	8.428	0.012	0.2	0.0149	0.0000	OK	5.001	57	0.2	0.182	0.012	0.0180
									Infiltration		0.0			
4320 minute winter	57	1800	8.327	0.017	0.3	0.0130	0.0000	OK	5.002	58	0.2	0.177	0.027	0.0378
									Infiltration		0.0			
4320 minute winter	58	1920	8.265	0.020	0.3	0.0328	0.0000	OK	5.003	59	0.2	0.209	0.028	0.0224
									Infiltration		0.1			
4320 minute winter	59	1800	8.217	0.012	0.3	0.0157	0.0000	OK	5.004	60	0.2	0.041	0.000	0.3360
									Infiltration		0.1			
4320 minute winter	60	2640	8.210	0.025	0.3	0.0087	0.0000	OK	5.005	61	0.3	0.020	0.000	1.2741
									Infiltration		0.1			
4320 minute winter	61	2640	8.210	0.074	0.4	0.0253	0.0000	OK	5.006	62	0.0	0.000	0.000	0.0000
									Infiltration		0.3			
4320 minute winter	62	1800	8.140	0.034	0.1	0.0013	0.0000	OK	5.007	63	0.1	0.040	0.000	1.1000
4320 minute winter	63	2640	7.993	0.057	0.2	0.0195	0.0000	OK	5.008	63_OUT	0.1	0.014	0.000	1.3878
									Infiltration		0.1			
4320 minute winter	63_OUT	2640	7.893	0.128	0.2	0.0438	0.0000	OK	Infiltration		0.2			
4320 minute winter	64	80	8.185	0.000	0.0	0.0000	0.0000	OK	5.000	65	0.0	0.000	0.000	0.0002
4320 minute winter	65	80	6.125	0.000	0.0	0.0000	0.0000	OK	5.001	66	0.0	0.000	0.000	0.0002
									Infiltration		0.0			
4320 minute winter	66	60	6.993	0.000	0.0	0.0000	0.0000	OK	5.002	67	0.0	0.000	0.000	0.0001
									Infiltration		0.0			
4320 minute winter	67	80	6.075	0.000	0.0	0.0000	0.0000	OK	5.003	68	0.0	0.000	0.000	0.0000
									Infiltration		0.0			
4320 minute winter	68	60	6.578	0.000	0.0	0.0000	0.0000	OK	5.004	69	0.0	0.000	0.000	0.0004
4320 minute winter	69	60	5.785	0.000	0.0	0.0000	0.0000	OK	5.005	70	0.0	0.000	0.000	0.0000
									Infiltration		0.0			
4320 minute winter	70	80	5.755	0.000	0.0	0.0000	0.0000	OK	5.006	71	0.0	0.000	0.000	0.0001
4320 minute winter	71	80	5.685	0.000	0.0	0.0000	0.0000	OK	5.007	72	0.0	0.000	0.000	0.0004
									Infiltration		0.0			
4320 minute winter	72	60	5.685	0.000	0.0	0.0000	0.0000	OK	5.008	73	0.0	0.000	0.000	0.0000
									Infiltration		0.0			
4320 minute winter	73	80	5.705	0.000	0.0	0.0000	0.0000	OK	5.009	74	0.0	0.000	0.000	0.0001
4320 minute winter	74	80	5.705	0.000	0.0	0.0000	0.0000	OK	5.010	75	0.0	0.000	0.000	0.0001
									Infiltration		0.0			
4320 minute winter	75	60	5.705	0.000	0.0	0.0000	0.0000	OK	5.011	76	0.0	0.000	0.000	0.0001
									Infiltration		0.0			
4320 minute winter	76	80	5.835	0.000	0.0	0.0000	0.0000	OK	5.012	76_OUT	0.0	0.000	0.000	0.0001
									Infiltration		0.0			
4320 minute winter	76_OUT	80	5.835	0.000	0.0	0.0000	0.0000	OK	Infiltration		0.0			