Summary of Results for 100 year Return Period (+20%)

Half Drain Time : 15 minutes.

Storm Event	Max Level (m)	Max Depth (m)	Max Infiltration (l/s)	Max Control (l/s)	Max Σ Outflow (l/s)	Max Volume (m³)	Status
15 min Summer	95.776	0.076	0.0	2.4	2.4	3.7	O K
30 min Summer	95.792	0.092	0.0	3.3	3.3	4.5	O K
60 min Summer	95.801	0.101	0.0	3.8	3.8	4.9	O K
120 min Summer	95.801	0.101	0.0	3.8	3.8	4.9	O K
180 min Summer	95.796	0.096	0.0	3.5	3.5	4.7	O K
240 min Summer	95.791	0.091	0.0	3.2	3.2	4.4	O K
360 min Summer	95.782	0.082	0.0	2.7	2.7	4.0	O K
480 min Summer	95.774	0.074	0.0	2.3	2.3	3.6	O K
600 min Summer	95.768	0.068	0.0	2.1	2.1	3.3	O K
720 min Summer	95.764	0.064	0.0	1.9	1.9	3.1	O K
960 min Summer	95.757	0.057	0.0	1.6	1.6	2.8	O K
1440 min Summer	95.751	0.051	0.0	1.2	1.2	2.4	O K
2160 min Summer	95.744	0.044	0.0	0.9	0.9	2.1	O K
2880 min Summer	95.739	0.039	0.0	0.7	0.7	1.9	O K
4320 min Summer	95.733	0.033	0.0	0.5	0.5	1.6	O K
5760 min Summer	95.730	0.030	0.0	0.4	0.4	1.4	O K
7200 min Summer	95.727	0.027	0.0	0.3	0.3	1.3	O K
8640 min Summer	95.725	0.025	0.0	0.3	0.3	1.2	O K
10080 min Summer	95.723	0.023	0.0	0.3	0.3	1.1	O K
15 min Winter	95.783	0.083	0.0	2.8	2.8	4.0	O K

Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Discharge Volume (m³)	Time-Peak (mins)
15 min Summer	119.137	0.0	8.5	30
30 min Summer	77.988	0.0	11.1	37
60 min Summer	48.611	0.0	13.9	52
120 min Summer	29.270	0.0	16.7	82
180 min Summer	21.465	0.0	18.4	114
240 min Summer	17.123	0.0	19.6	146
360 min Summer	12.417	0.0	21.3	208
480 min Summer	9.884	0.0	22.6	270
600 min Summer	8.276	0.0	23.7	330
720 min Summer	7.154	0.0	24.6	390
960 min Summer	5.682	0.0	26.0	508
1440 min Summer	4.100	0.0	28.1	748
2160 min Summer	2.954	0.0	30.4	1120
2880 min Summer	2.338	0.0	32.1	1476
4320 min Summer	1.680	0.0	34.6	2192
5760 min Summer	1.327	0.0	36.5	2928
7200 min Summer	1.105	0.0	38.0	3672
8640 min Summer	0.951	0.0	39.2	4320
10080 min Summer	0.838	0.0	40.3	5056
15 min Winter	119.137	0.0	9.5	29

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Summary of Results for 100 year Return Period (+20%)

Storm Event	Max Level (m)	Max Depth (m)	Max Infiltration (l/s)	Max Control (l/s)	Max Σ Outflow (l/s)	Max Volume (m³)	Status
30 min Winter	95.801	0.101	0.0	3.8	3.8	4.9	O K
60 min Winter	95.809	0.109	0.0	4.3	4.3	5.3	O K
120 min Winter	95.805	0.105	0.0	4.1	4.1	5.1	O K
180 min Winter	95.797	0.097	0.0	3.6	3.6	4.7	O K
240 min Winter	95.789	0.089	0.0	3.1	3.1	4.3	O K
360 min Winter	95.777	0.077	0.0	2.4	2.4	3.7	O K
480 min Winter	95.768	0.068	0.0	2.0	2.0	3.3	O K
600 min Winter	95.761	0.061	0.0	1.7	1.7	3.0	O K
720 min Winter	95.757	0.057	0.0	1.5	1.5	2.7	O K
960 min Winter	95.752	0.052	0.0	1.3	1.3	2.5	O K
1440 min Winter	95.745	0.045	0.0	0.9	0.9	2.2	O K
2160 min Winter	95.737	0.037	0.0	0.7	0.7	1.8	O K
2880 min Winter	95.733	0.033	0.0	0.5	0.5	1.6	O K
4320 min Winter	95.728	0.028	0.0	0.4	0.4	1.4	O K
5760 min Winter	95.725	0.025	0.0	0.3	0.3	1.2	O K
7200 min Winter	95.723	0.023	0.0	0.2	0.3	1.1	O K
8640 min Winter	95.721	0.021	0.0	0.2	0.2	1.0	O K
10080 min Winter	95.720	0.020	0.0	0.2	0.2	0.9	O K

Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Discharge Volume (m³)	Time-Peak (mins)
30 min Winter	77.988	0.0	12.5	36
60 min Winter	48.611	0.0	15.6	54
120 min Winter	29.270	0.0	18.8	86
180 min Winter	21.465	0.0	20.6	118
240 min Winter	17.123	0.0	22.0	150
360 min Winter	12.417	0.0	23.9	214
480 min Winter	9.884	0.0	25.3	274
600 min Winter	8.276	0.0	26.5	334
720 min Winter	7.154	0.0	27.5	390
960 min Winter	5.682	0.0	29.1	510
1440 min Winter	4.100	0.0	31.5	764
2160 min Winter	2.954	0.0	34.1	1128
2880 min Winter	2.338	0.0	36.0	1480
4320 min Winter	1.680	0.0	38.8	2200
5760 min Winter	1.327	0.0	40.9	2952
7200 min Winter	1.105	0.0	42.5	3624
8640 min Winter	0.951	0.0	43.9	4400
10080 min Winter	0.838	0.0	45.1	5000

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