



Study Area Storm Event Runoff Summary for 24 Hour 100 Year Precipitation (TR55)

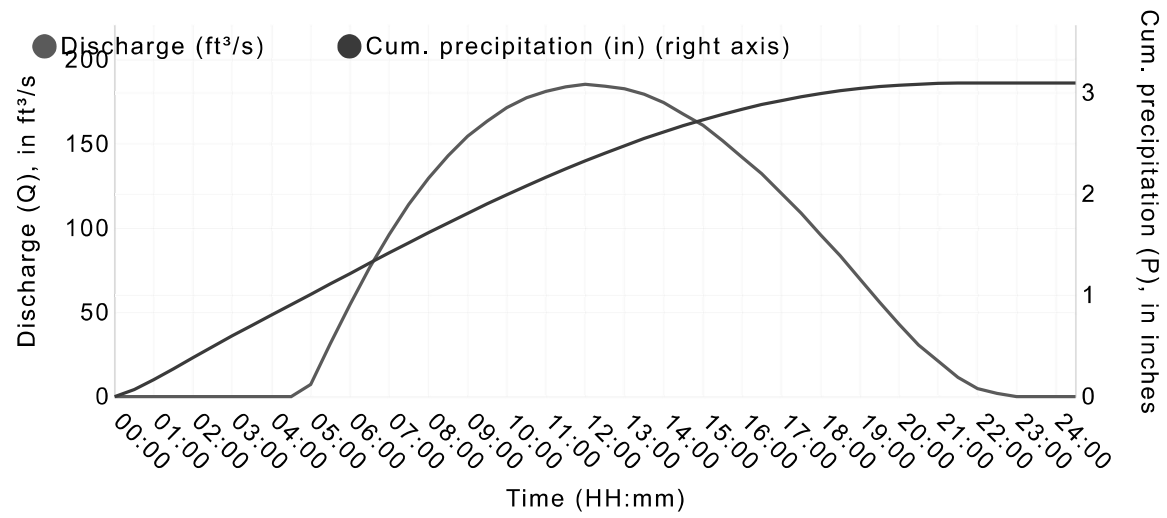
Parameters

Precipitation (inches):	3.1
Drainage Area (square miles):	4.52
Runoff-Curve Number (dimensionless):	68.15

Summary

Peak runoff (cubic feet per second):	186
Total infiltration (inches):	2.41
Total excess precip (inches):	0.686

Runoff hydrograph from 24 Hour 100 Year Precipitation



Tabular Hydrograph

Time	DRNAREA	P	RCN	Duration	Ia	S	dP	P-Ia	PI	Pe	dPe	Q
00:00	4.52	0.00	68.15	24	0.935	4.67	0	-0.935	0	0	0	0
00:30	4.52	0.07	68.15	24	0.935	4.67	0.0704	-0.864	0.0704	0	0	0
01:00	4.52	0.17	68.15	24	0.935	4.67	0.0986	-0.766	0.0986	0	0	0
01:30	4.52	0.28	68.15	24	0.935	4.67	0.108	-0.657	0.108	0	0	0
02:00	4.52	0.39	68.15	24	0.935	4.67	0.11	-0.547	0.11	0	0	0
02:30	4.52	0.50	68.15	24	0.935	4.67	0.108	-0.439	0.108	0	0	0
03:00	4.52	0.60	68.15	24	0.935	4.67	0.106	-0.333	0.106	0	0	0
03:30	4.52	0.70	68.15	24	0.935	4.67	0.104	-0.23	0.104	0	0	0
04:00	4.52	0.81	68.15	24	0.935	4.67	0.103	-0.127	0.103	0	0	0
04:30	4.52	0.91	68.15	24	0.935	4.67	0.102	-0.0252	0.102	0	0	0
05:00	4.52	1.01	68.15	24	0.935	4.67	0.102	0.0771	0.101	0.00125	0.00125	7.31
05:30	4.52	1.11	68.15	24	0.935	4.67	0.103	0.18	0.0972	0.00666	0.0054	31.5
06:00	4.52	1.22	68.15	24	0.935	4.67	0.102	0.282	0.0929	0.0161	0.0094	54.8
06:30	4.52	1.32	68.15	24	0.935	4.67	0.102	0.384	0.0891	0.0292	0.0132	76.7
07:00	4.52	1.42	68.15	24	0.935	4.67	0.101	0.486	0.0848	0.0457	0.0165	96.4
07:30	4.52	1.52	68.15	24	0.935	4.67	0.1	0.586	0.0808	0.0653	0.0196	114
08:00	4.52	1.62	68.15	24	0.935	4.67	0.0989	0.685	0.0766	0.0876	0.0223	130
08:30	4.52	1.72	68.15	24	0.935	4.67	0.097	0.782	0.0725	0.112	0.0245	143
09:00	4.52	1.81	68.15	24	0.935	4.67	0.0952	0.877	0.0686	0.139	0.0265	155
09:30	4.52	1.90	68.15	24	0.935	4.67	0.0927	0.97	0.0646	0.167	0.0281	164
10:00	4.52	2.00	68.15	24	0.935	4.67	0.0905	1.06	0.0611	0.196	0.0294	172
10:30	4.52	2.08	68.15	24	0.935	4.67	0.088	1.15	0.0576	0.227	0.0304	178
11:00	4.52	2.17	68.15	24	0.935	4.67	0.0852	1.23	0.0541	0.258	0.0311	181
11:30	4.52	2.25	68.15	24	0.935	4.67	0.0825	1.32	0.0509	0.289	0.0316	184
12:00	4.52	2.33	68.15	24	0.935	4.67	0.0797	1.4	0.0479	0.321	0.0318	186
12:30	4.52	2.41	68.15	24	0.935	4.67	0.0763	1.47	0.0447	0.353	0.0316	184

Time	DRNAREA	P	RCN	Duration	Ia	S	dP	P-Ia	PI	Pe	dPe	Q
13:00	4.52	2.48	68.15	24	0.935	4.67	0.0732	1.55	0.0418	0.384	0.0313	183
13:30	4.52	2.55	68.15	24	0.935	4.67	0.0697	1.62	0.039	0.415	0.0308	180
14:00	4.52	2.62	68.15	24	0.935	4.67	0.066	1.68	0.0361	0.445	0.0299	175
14:30	4.52	2.68	68.15	24	0.935	4.67	0.062	1.74	0.0332	0.474	0.0288	168
15:00	4.52	2.74	68.15	24	0.935	4.67	0.0583	1.8	0.0306	0.501	0.0276	161
15:30	4.52	2.79	68.15	24	0.935	4.67	0.0539	1.86	0.0279	0.527	0.0261	152
16:00	4.52	2.84	68.15	24	0.935	4.67	0.0496	1.9	0.0252	0.552	0.0244	142
16:30	4.52	2.89	68.15	24	0.935	4.67	0.0456	1.95	0.0228	0.574	0.0227	133
17:00	4.52	2.93	68.15	24	0.935	4.67	0.0409	1.99	0.0202	0.595	0.0207	121
17:30	4.52	2.96	68.15	24	0.935	4.67	0.0366	2.03	0.0179	0.614	0.0187	109
18:00	4.52	2.99	68.15	24	0.935	4.67	0.0319	2.06	0.0155	0.63	0.0165	96.1
18:30	4.52	3.02	68.15	24	0.935	4.67	0.0276	2.09	0.0132	0.645	0.0144	83.7
19:00	4.52	3.05	68.15	24	0.935	4.67	0.0229	2.11	0.0109	0.657	0.012	70.1
19:30	4.52	3.06	68.15	24	0.935	4.67	0.0183	2.13	0.00866	0.666	0.00963	56.2
20:00	4.52	3.08	68.15	24	0.935	4.67	0.014	2.14	0.00657	0.674	0.00738	43
20:30	4.52	3.09	68.15	24	0.935	4.67	0.00992	2.15	0.00466	0.679	0.00526	30.7
21:00	4.52	3.09	68.15	24	0.935	4.67	0.00682	2.16	0.00319	0.682	0.00363	21.2
21:30	4.52	3.10	68.15	24	0.935	4.67	0.00372	2.16	0.00174	0.684	0.00198	11.6
22:00	4.52	3.10	68.15	24	0.935	4.67	0.00155	2.16	0.000724	0.685	0.000826	4.82
22:30	4.52	3.10	68.15	24	0.935	4.67	0.00062	2.17	0.00029	0.686	0.00033	1.93
23:00	4.52	3.10	68.15	24	0.935	4.67	0	2.17	0	0.686	0	0
23:30	4.52	3.10	68.15	24	0.935	4.67	0	2.17	0	0.686	0	0
24:00	4.52	3.10	68.15	24	0.935	4.67	0	2.17	0	0.686	0	0
24:30	4.52	3.10	68.15	24	0.935	4.67	0	2.17	0	0.686	0	0

Citations

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