



Flow Chart for 3.0' 60 Trapezoidal Flume

Head (feet)	MGD	CFS	GPM
0.06			
0.07			
0.08			
0.09			
0.10	0.00225	0.00348	1.5627
0.11	0.00287	0.00445	1.9984
0.12	0.00360	0.00557	2.5014
0.13	0.00442	0.00685	3.0753
0.14	0.00535	0.00830	3.7234
0.15	0.00640	0.00991	4.4489
0.16	0.00755	0.01171	5.2551
0.17	0.00883	0.01369	6.1450
0.18	0.01024	0.01587	7.1215
0.19	0.01177	0.01824	8.1877
0.20	0.01344	0.02083	9.3464
0.21	0.01524	0.02362	10.600
0.22	0.01718	0.02663	11.952
0.23	0.01927	0.02987	13.405
0.24	0.02151	0.03334	14.961
0.25	0.02390	0.03704	16.623
0.26	0.02644	0.04098	18.394
0.27	0.02915	0.04518	20.275
0.28	0.03201	0.04962	22.270
0.29	0.03505	0.05432	24.380
0.30	0.03825	0.05929	26.609
0.31	0.04163	0.06452	28.959
0.32	0.04518	0.07003	31.431
0.33	0.04892	0.07582	34.028
0.34	0.05283	0.08189	36.753
0.35	0.05694	0.08825	39.608
0.36	0.06123	0.09491	42.594
0.37	0.06572	0.10186	45.715
0.38	0.07040	0.10912	48.971
0.39	0.07528	0.11668	52.366
0.40	0.08036	0.12456	55.902
0.41	0.08565	0.13275	59.579
0.42	0.09114	0.14127	63.402
0.43	0.09685	0.15011	67.371
0.44	0.10277	0.15929	71.488
0.45	0.10890	0.16880	75.756

Head (feet)	MGD	CFS	GPM
0.46	0.11526	0.17865	80.177
0.47	0.12183	0.18884	84.752
0.48	0.12863	0.19938	89.484
0.49	0.13566	0.21028	94.374
0.50	0.14292	0.22153	99.424
0.51	0.15042	0.23315	104.64
0.52	0.15815	0.24513	110.01
0.53	0.16611	0.25748	115.56
0.54	0.17432	0.27020	121.27
0.55	0.18277	0.28330	127.15
0.56	0.19147	0.29678	133.20
0.57	0.20042	0.31065	139.42
0.58	0.20962	0.32491	145.82
0.59	0.21907	0.33956	152.40
0.60	0.22878	0.35462	159.15
0.61	0.23875	0.37007	166.09
0.62	0.24898	0.38593	173.20
0.63	0.25948	0.40219	180.50
0.64	0.27024	0.41887	187.99
0.65	0.28127	0.43597	195.66
0.66	0.29257	0.45349	203.53
0.67	0.30415	0.47143	211.58
0.68	0.31600	0.48980	219.82
0.69	0.32813	0.50861	228.26
0.70	0.34055	0.52785	236.90
0.71	0.35324	0.54752	245.73
0.72	0.36622	0.56764	254.76
0.73	0.37949	0.58821	263.99
0.74	0.39305	0.60923	273.42
0.75	0.40690	0.63070	283.06
0.76	0.42105	0.65263	292.90
0.77	0.43550	0.67502	302.95
0.78	0.45024	0.69787	313.21
0.79	0.46529	0.72120	323.67
0.80	0.48064	0.74499	334.35
0.81	0.49629	0.76926	345.24
0.82	0.51226	0.79400	356.35
0.83	0.52853	0.81923	367.67
0.84	0.54512	0.84494	379.21
0.85	0.56203	0.87114	390.97



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0.86	0.57925	0.89783	402.95
0.87	0.59679	0.92502	415.15
0.88	0.61465	0.95271	427.57
0.89	0.63283	0.98089	440.22
0.90	0.65135	1.0096	453.10
0.91	0.67018	1.0388	466.21
0.92	0.68935	1.0685	479.54
0.93	0.70886	1.0987	493.11
0.94	0.72869	1.1295	506.91
0.95	0.74886	1.1607	520.94
0.96	0.76937	1.1925	535.21
0.97	0.79022	1.2248	549.71
0.98	0.81142	1.2577	564.45
0.99	0.83295	1.2911	579.44
1.00	0.85484	1.3250	594.66
1.01	0.87707	1.3595	610.13
1.02	0.89966	1.3945	625.84
1.03	0.92259	1.4300	641.79
1.04	0.94588	1.4661	657.99
1.05	0.96953	1.5028	674.44
1.06	0.99354	1.5400	691.14
1.07	1.0179	1.5777	708.09
1.08	1.0426	1.6161	725.30
1.09	1.0677	1.6550	742.75
1.10	1.0932	1.6944	760.46
1.11	1.1190	1.7345	778.43
1.12	1.1452	1.7751	796.66
1.13	1.1718	1.8163	815.14
1.14	1.1987	1.8580	833.88
1.15	1.2261	1.9004	852.89
1.16	1.2538	1.9433	872.16
1.17	1.2818	1.9868	891.69
1.18	1.3103	2.0310	911.49
1.19	1.3391	2.0757	931.56
1.20	1.3684	2.1210	951.89
1.21	1.3980	2.1669	972.50
1.22	1.4280	2.2134	993.37
1.23	1.4584	2.2605	1,014.5
1.24	1.4892	2.3082	1,035.9
1.25	1.5204	2.3566	1,057.6

1.26	1.5520	2.4055	1,079.6
1.27	1.5839	2.4551	1,101.9
1.28	1.6163	2.5053	1,124.4
1.29	1.6491	2.5561	1,147.2
1.30	1.6823	2.6076	1,170.3
1.31	1.7159	2.6596	1,193.6
1.32	1.7499	2.7123	1,217.3
1.33	1.7843	2.7657	1,241.2
1.34	1.8191	2.8197	1,265.5
1.35	1.8544	2.8743	1,290.0
1.36	1.8900	2.9295	1,314.8
1.37	1.9261	2.9854	1,339.9
1.38	1.9626	3.0420	1,365.3
1.39	1.9995	3.0992	1,390.9
1.40	2.0368	3.1571	1,416.9
1.41	2.0746	3.2156	1,443.2
1.42	2.1128	3.2748	1,469.7
1.43	2.1514	3.3346	1,496.6
1.44	2.1904	3.3951	1,523.7
1.45	2.2299	3.4563	1,551.2
1.46	2.2698	3.5181	1,578.9
1.47	2.3101	3.5806	1,607.0
1.48	2.3509	3.6438	1,635.4
1.49	2.3921	3.7077	1,664.0
1.50	2.4337	3.7723	1,693.0
1.51	2.4758	3.8375	1,722.3
1.52	2.5183	3.9034	1,751.9
1.53	2.5613	3.9700	1,781.7
1.54	2.6047	4.0373	1,812.0
1.55	2.6486	4.1053	1,842.5
1.56	2.6929	4.1740	1,873.3
1.57	2.7377	4.2434	1,904.4
1.58	2.7829	4.3135	1,935.9
1.59	2.8286	4.3843	1,967.7
1.60	2.8747	4.4558	1,999.8
1.61	2.9213	4.5280	2,032.2
1.62	2.9684	4.6010	2,064.9
1.63	3.0159	4.6746	2,098.0
1.64	3.0638	4.7490	2,131.3
1.65	3.1123	4.8240	2,165.0



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1.66	3.1612	4.8999	2,199.1
1.67	3.2106	4.9764	2,233.4
1.68	3.2604	5.0536	2,268.1
1.69	3.3107	5.1316	2,303.1
1.70	3.3615	5.2103	2,338.4
1.71	3.4128	5.2898	2,374.1
1.72	3.4645	5.3700	2,410.1
1.73	3.5167	5.4509	2,446.4
1.74	3.5694	5.5326	2,483.0
1.75	3.6226	5.6150	2,520.0
1.76	3.6763	5.6982	2,557.3
1.77	3.7304	5.7821	2,595.0
1.78	3.7850	5.8668	2,633.0
1.79	3.8401	5.9522	2,671.3
1.80	3.8957	6.0384	2,710.0
1.81	3.9518	6.1253	2,749.0
1.82	4.0084	6.2130	2,788.4
1.83	4.0655	6.3015	2,828.1
1.84	4.1231	6.3907	2,868.2
1.85	4.1811	6.4808	2,908.6
1.86	4.2397	6.5715	2,949.3
1.87	4.2988	6.6631	2,990.4
1.88	4.3583	6.7554	3,031.8
1.89	4.4184	6.8485	3,073.6
1.90	4.4790	6.9424	3,115.8
1.91	4.5401	7.0371	3,158.3
1.92	4.6017	7.1326	3,201.1
1.93	4.6638	7.2288	3,244.3
1.94	4.7264	7.3259	3,287.9
1.95	4.7895	7.4237	3,331.8
1.96	4.8531	7.5223	3,376.0
1.97	4.9173	7.6218	3,420.7
1.98	4.9819	7.7220	3,465.6
1.99	5.0471	7.8231	3,511.0
2.00	5.1128	7.9249	3,556.7
2.01	5.1791	8.0275	3,602.8
2.02	5.2458	8.1310	3,649.2
2.03	5.3131	8.2353	3,696.0
2.04	5.3809	8.3404	3,743.2
2.05	5.4492	8.4463	3,790.7

2.06	5.5181	8.5530	3,838.6
2.07	5.5875	8.6606	3,886.9
2.08	5.6574	8.7689	3,935.5
2.09	5.7278	8.8781	3,984.5
2.10	5.7988	8.9882	4,033.9
2.11	5.8703	9.0990	4,083.6
2.12	5.9424	9.2107	4,133.8
2.13	6.0150	9.3232	4,184.3
2.14	6.0881	9.4366	4,235.1
2.15	6.1618	9.5508	4,286.4
2.16	6.2360	9.6659	4,338.0
2.17	6.3108	9.7818	4,390.0
2.18	6.3861	9.8985	4,442.4
2.19	6.4620	10.016	4,495.2
2.20	6.5384	10.135	4,548.4
2.21	6.6154	10.254	4,601.9
2.22	6.6929	10.374	4,655.8
2.23	6.7710	10.495	4,710.1
2.24	6.8496	10.617	4,764.8
2.25	6.9288	10.740	4,819.9
2.26	7.0085	10.863	4,875.4
2.27	7.0888	10.988	4,931.3
2.28	7.1697	11.113	4,987.5
2.29	7.2511	11.239	5,044.2
2.30	7.3331	11.366	5,101.2
2.31	7.4156	11.494	5,158.6
2.32	7.4988	11.623	5,216.4
2.33	7.5824	11.753	5,274.7
2.34	7.6667	11.883	5,333.3
2.35	7.7515	12.015	5,392.3
2.36	7.8369	12.147	5,451.7
2.37	7.9229	12.281	5,511.5
2.38	8.0095	12.415	5,571.7
2.39	8.0966	12.550	5,632.3
2.40	8.1843	12.686	5,693.3
2.41	8.2726	12.822	5,754.7
2.42	8.3614	12.960	5,816.6
2.43	8.4509	13.099	5,878.8
2.44	8.5409	13.238	5,941.4
2.45	8.6315	13.379	6,004.4



Flow Chart for 3.0' 60 Trapezoidal Flume

2.46	8.7227	13.520	6,067.9
2.47	8.8145	13.663	6,131.7
2.48	8.9069	13.806	6,196.0
2.49	8.9999	13.950	6,260.7
2.50	9.0934	14.095	6,325.8