



Flow Chart for 12" Parshall Flume

Head (feet)	MGD	CFS	GPM
0.16			
0.17			
0.18			
0.19			
0.20	0.223	0.345	154.98
0.21	0.240	0.372	166.93
0.22	0.258	0.399	179.18
0.23	0.276	0.427	191.72
0.24	0.294	0.456	204.55
0.25	0.313	0.485	217.66
0.26	0.332	0.515	231.05
0.27	0.352	0.545	244.71
0.28	0.372	0.576	258.64
0.29	0.392	0.608	272.82
0.30	0.413	0.640	287.27
0.31	0.434	0.673	301.97
0.32	0.456	0.706	316.92
0.33	0.477	0.740	332.12
0.34	0.500	0.774	347.56
0.35	0.522	0.809	363.23
0.36	0.545	0.845	379.14
0.37	0.568	0.881	395.29
0.38	0.592	0.917	411.66
0.39	0.616	0.954	428.27
0.40	0.640	0.992	445.09
0.41	0.664	1.030	462.14
0.42	0.689	1.068	479.40
0.43	0.714	1.107	496.88
0.44	0.740	1.147	514.57
0.45	0.765	1.186	532.48
0.46	0.791	1.227	550.59
0.47	0.818	1.268	568.91
0.48	0.844	1.309	587.44
0.49	0.871	1.351	606.17
0.50	0.899	1.393	625.09
0.51	0.926	1.435	644.22
0.52	0.954	1.478	663.54
0.53	0.982	1.522	683.06
0.54	1.010	1.566	702.77
0.55	1.039	1.610	722.68

Head (feet)	MGD	CFS	GPM
0.56	1.068	1.655	742.77
0.57	1.097	1.700	763.05
0.58	1.126	1.746	783.52
0.59	1.156	1.792	804.17
0.60	1.186	1.838	825.01
0.61	1.216	1.885	846.03
0.62	1.247	1.932	867.23
0.63	1.277	1.980	888.61
0.64	1.308	2.028	910.16
0.65	1.340	2.076	931.89
0.66	1.371	2.125	953.80
0.67	1.403	2.174	975.89
0.68	1.435	2.224	998.14
0.69	1.467	2.274	1,020.6
0.70	1.500	2.324	1,043.2
0.71	1.532	2.375	1,065.9
0.72	1.565	2.426	1,088.9
0.73	1.598	2.478	1,112.0
0.74	1.632	2.529	1,135.2
0.75	1.666	2.582	1,158.7
0.76	1.700	2.634	1,182.3
0.77	1.734	2.687	1,206.0
0.78	1.768	2.740	1,229.9
0.79	1.803	2.794	1,254.0
0.80	1.838	2.848	1,278.2
0.81	1.873	2.903	1,302.6
0.82	1.908	2.957	1,327.2
0.83	1.943	3.012	1,351.9
0.84	1.979	3.068	1,376.8
0.85	2.015	3.123	1,401.8
0.86	2.051	3.180	1,427.0
0.87	2.088	3.236	1,452.3
0.88	2.124	3.293	1,477.8
0.89	2.161	3.350	1,503.4
0.90	2.198	3.407	1,529.2
0.91	2.236	3.465	1,555.2
0.92	2.273	3.523	1,581.2
0.93	2.311	3.582	1,607.5
0.94	2.349	3.640	1,633.9
0.95	2.387	3.700	1,660.4



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0.96	2.425	3.759	1,687.1
0.97	2.464	3.819	1,713.9
0.98	2.503	3.879	1,740.8
0.99	2.541	3.939	1,767.9
1.00	2.581	4.000	1,795.2
1.01	2.620	4.061	1,822.6
1.02	2.660	4.122	1,850.1
1.03	2.699	4.184	1,877.8
1.04	2.739	4.246	1,905.6
1.05	2.780	4.308	1,933.6
1.06	2.820	4.371	1,961.7
1.07	2.861	4.434	1,989.9
1.08	2.901	4.497	2,018.3
1.09	2.942	4.561	2,046.8
1.10	2.984	4.624	2,075.5
1.11	3.025	4.689	2,104.2
1.12	3.066	4.753	2,133.2
1.13	3.108	4.818	2,162.2
1.14	3.150	4.883	2,191.4
1.15	3.192	4.948	2,220.7
1.16	3.235	5.014	2,250.2
1.17	3.277	5.080	2,279.8
1.18	3.320	5.146	2,309.5
1.19	3.363	5.212	2,339.4
1.20	3.406	5.279	2,369.3
1.21	3.449	5.346	2,399.5
1.22	3.493	5.414	2,429.7
1.23	3.536	5.481	2,460.1
1.24	3.580	5.549	2,490.6
1.25	3.624	5.618	2,521.2
1.26	3.669	5.686	2,552.0
1.27	3.713	5.755	2,582.9
1.28	3.758	5.824	2,613.9
1.29	3.802	5.894	2,645.0
1.30	3.847	5.963	2,676.3
1.31	3.892	6.033	2,707.7
1.32	3.938	6.103	2,739.2
1.33	3.983	6.174	2,770.9
1.34	4.029	6.245	2,802.6
1.35	4.075	6.316	2,834.5

1.36	4.121	6.387	2,866.5
1.37	4.167	6.459	2,898.7
1.38	4.213	6.531	2,931.0
1.39	4.260	6.603	2,963.3
1.40	4.307	6.675	2,995.8
1.41	4.354	6.748	3,028.5
1.42	4.401	6.821	3,061.2
1.43	4.448	6.894	3,094.1
1.44	4.495	6.968	3,127.1
1.45	4.543	7.041	3,160.2
1.46	4.591	7.115	3,193.4
1.47	4.639	7.190	3,226.8
1.48	4.687	7.264	3,260.3
1.49	4.735	7.339	3,293.8
1.50	4.783	7.414	3,327.5
1.51	4.832	7.490	3,361.4
1.52	4.881	7.565	3,395.3
1.53	4.930	7.641	3,429.4
1.54	4.979	7.717	3,463.5
1.55	5.028	7.794	3,497.8
1.56	5.078	7.870	3,532.2
1.57	5.127	7.947	3,566.7
1.58	5.177	8.024	3,601.4
1.59	5.227	8.102	3,636.1
1.60	5.277	8.180	3,671.0
1.61	5.327	8.258	3,706.0
1.62	5.378	8.336	3,741.1
1.63	5.428	8.414	3,776.3
1.64	5.479	8.493	3,811.6
1.65	5.530	8.572	3,847.0
1.66	5.581	8.651	3,882.6
1.67	5.633	8.730	3,918.2
1.68	5.684	8.810	3,954.0
1.69	5.736	8.890	3,989.8
1.70	5.787	8.970	4,025.8
1.71	5.839	9.051	4,061.9
1.72	5.891	9.131	4,098.1
1.73	5.943	9.212	4,134.5
1.74	5.996	9.293	4,170.9
1.75	6.048	9.375	4,207.4



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1.76	6.101	9.456	4,244.1
1.77	6.154	9.538	4,280.8
1.78	6.207	9.621	4,317.7
1.79	6.260	9.703	4,354.7
1.80	6.313	9.786	4,391.7
1.81	6.367	9.868	4,428.9
1.82	6.420	9.952	4,466.2
1.83	6.474	10.035	4,503.6
1.84	6.528	10.118	4,541.1
1.85	6.582	10.202	4,578.8
1.86	6.636	10.286	4,616.5
1.87	6.691	10.371	4,654.3
1.88	6.745	10.455	4,692.2
1.89	6.800	10.540	4,730.3
1.90	6.855	10.625	4,768.4
1.91	6.910	10.710	4,806.7
1.92	6.965	10.796	4,845.0
1.93	7.020	10.881	4,883.5
1.94	7.076	10.967	4,922.1
1.95	7.131	11.053	4,960.7
1.96	7.187	11.140	4,999.5
1.97	7.243	11.226	5,038.4
1.98	7.299	11.313	5,077.4
1.99	7.355	11.400	5,116.4
2.00	7.411	11.488	5,155.6
2.01	7.468	11.575	5,194.9
2.02	7.524	11.663	5,234.3
2.03	7.581	11.751	5,273.8
2.04	7.638	11.839	5,313.4
2.05	7.695	11.927	5,353.1
2.06	7.752	12.016	5,392.9
2.07	7.810	12.105	5,432.7
2.08	7.867	12.194	5,472.7
2.09	7.925	12.284	5,512.8
2.10	7.983	12.373	5,553.0
2.11	8.041	12.463	5,593.3
2.12	8.099	12.553	5,633.7
2.13	8.157	12.643	5,674.2
2.14	8.215	12.734	5,714.8
2.15	8.274	12.824	5,755.5

2.16	8.332	12.915	5,796.3
2.17	8.391	13.006	5,837.2
2.18	8.450	13.098	5,878.2
2.19	8.509	13.189	5,919.3
2.20	8.568	13.281	5,960.5
2.21	8.628	13.373	6,001.7
2.22	8.687	13.465	6,043.1
2.23	8.747	13.558	6,084.6
2.24	8.807	13.650	6,126.2
2.25	8.866	13.743	6,167.9
2.26	8.927	13.836	6,209.6
2.27	8.987	13.929	6,251.5
2.28	9.047	14.023	6,293.5
2.29	9.107	14.117	6,335.5
2.30	9.168	14.211	6,377.7
2.31	9.229	14.305	6,419.9
2.32	9.290	14.399	6,462.3
2.33	9.351	14.494	6,504.7
2.34	9.412	14.588	6,547.3
2.35	9.473	14.683	6,589.9
2.36	9.535	14.779	6,632.6
2.37	9.596	14.874	6,675.4
2.38	9.658	14.970	6,718.4
2.39	9.720	15.065	6,761.4
2.40	9.782	15.161	6,804.5
2.41	9.844	15.258	6,847.7
2.42	9.906	15.354	6,891.0
2.43	9.968	15.451	6,934.3
2.44	10.031	15.548	6,977.8
2.45	10.093	15.645	7,021.4
2.46	10.156	15.742	7,065.1
2.47	10.219	15.840	7,108.8
2.48	10.282	15.937	7,152.7
2.49	10.345	16.035	7,196.6
2.50	10.409	16.133	7,240.6