



# Flow Chart for 36" Parshall Flume

Head (feet)	MGD	CFS	GPM
0.16			
0.17			
0.18			
0.19			
0.20	0.62268	0.96515	433.16
0.21	0.67212	1.0418	467.55
0.22	0.72291	1.1205	502.88
0.23	0.77502	1.2013	539.14
0.24	0.82844	1.2841	576.30
0.25	0.88313	1.3688	614.34
0.26	0.93907	1.4556	653.25
0.27	0.99624	1.5442	693.03
0.28	1.0546	1.6347	733.64
0.29	1.1142	1.7270	775.09
0.30	1.1750	1.8212	817.35
0.31	1.2369	1.9171	860.41
0.32	1.2999	2.0149	904.27
0.33	1.3641	2.1143	948.91
0.34	1.4294	2.2155	994.33
0.35	1.4958	2.3184	1,040.5
0.36	1.5632	2.4230	1,087.4
0.37	1.6317	2.5292	1,135.1
0.38	1.7013	2.6371	1,183.5
0.39	1.7720	2.7466	1,232.7
0.40	1.8436	2.8576	1,282.5
0.41	1.9163	2.9703	1,333.1
0.42	1.9900	3.0845	1,384.3
0.43	2.0647	3.2003	1,436.3
0.44	2.1404	3.3176	1,489.0
0.45	2.2171	3.4365	1,542.3
0.46	2.2947	3.5568	1,596.3
0.47	2.3733	3.6786	1,651.0
0.48	2.4529	3.8019	1,706.3
0.49	2.5334	3.9267	1,762.3
0.50	2.6148	4.0529	1,819.0
0.51	2.6971	4.1806	1,876.2
0.52	2.7804	4.3097	1,934.2
0.53	2.8646	4.4401	1,992.7
0.54	2.9497	4.5720	2,051.9
0.55	3.0357	4.7053	2,111.7

Head (feet)	MGD	CFS	GPM
0.56	3.1226	4.8400	2,172.2
0.57	3.2103	4.9760	2,233.2
0.58	3.2990	5.1134	2,294.9
0.59	3.3885	5.2521	2,357.2
0.60	3.4788	5.3922	2,420.0
0.61	3.5701	5.5336	2,483.5
0.62	3.6621	5.6763	2,547.5
0.63	3.7551	5.8203	2,612.2
0.64	3.8488	5.9657	2,677.4
0.65	3.9434	6.1123	2,743.2
0.66	4.0388	6.2602	2,809.6
0.67	4.1351	6.4094	2,876.5
0.68	4.2321	6.5598	2,944.0
0.69	4.3300	6.7115	3,012.1
0.70	4.4287	6.8644	3,080.8
0.71	4.5281	7.0186	3,150.0
0.72	4.6284	7.1740	3,219.7
0.73	4.7295	7.3307	3,290.0
0.74	4.8313	7.4886	3,360.9
0.75	4.9340	7.6476	3,432.3
0.76	5.0374	7.8079	3,504.2
0.77	5.1415	7.9694	3,576.7
0.78	5.2465	8.1321	3,649.7
0.79	5.3522	8.2959	3,723.2
0.80	5.4587	8.4610	3,797.3
0.81	5.5659	8.6272	3,871.9
0.82	5.6739	8.7946	3,947.0
0.83	5.7826	8.9631	4,022.6
0.84	5.8921	9.1328	4,098.8
0.85	6.0023	9.3036	4,175.5
0.86	6.1133	9.4756	4,252.6
0.87	6.2250	9.6487	4,330.3
0.88	6.3374	9.8229	4,408.5
0.89	6.4505	9.9983	4,487.2
0.90	6.5644	10.175	4,566.4
0.91	6.6790	10.352	4,646.1
0.92	6.7942	10.531	4,726.3
0.93	6.9103	10.711	4,807.0
0.94	7.0270	10.892	4,888.2
0.95	7.1444	11.074	4,969.9



# Flow Chart for 36" Parshall Flume

0.96	7.2625	11.257	5,052.1
0.97	7.3813	11.441	5,134.7
0.98	7.5008	11.626	5,217.9
0.99	7.6210	11.813	5,301.5
1.00	7.7419	12.000	5,385.6
1.01	7.8635	12.188	5,470.2
1.02	7.9858	12.378	5,555.2
1.03	8.1087	12.569	5,640.8
1.04	8.2323	12.760	5,726.8
1.05	8.3566	12.953	5,813.2
1.06	8.4816	13.147	5,900.2
1.07	8.6073	13.341	5,987.5
1.08	8.7336	13.537	6,075.4
1.09	8.8605	13.734	6,163.7
1.10	8.9882	13.932	6,252.5
1.11	9.1164	14.130	6,341.8
1.12	9.2454	14.330	6,431.5
1.13	9.3750	14.531	6,521.6
1.14	9.5052	14.733	6,612.2
1.15	9.6361	14.936	6,703.3
1.16	9.7677	15.140	6,794.8
1.17	9.8998	15.345	6,886.7
1.18	10.033	15.551	6,979.1
1.19	10.166	15.758	7,072.0
1.20	10.300	15.965	7,165.3
1.21	10.435	16.174	7,259.0
1.22	10.570	16.384	7,353.2
1.23	10.706	16.595	7,447.8
1.24	10.843	16.807	7,542.8
1.25	10.980	17.019	7,638.3
1.26	11.118	17.233	7,734.2
1.27	11.257	17.448	7,830.5
1.28	11.396	17.663	7,927.3
1.29	11.535	17.880	8,024.5
1.30	11.676	18.097	8,122.1
1.31	11.817	18.316	8,220.2
1.32	11.958	18.535	8,318.7
1.33	12.100	18.756	8,417.6
1.34	12.243	18.977	8,516.9
1.35	12.387	19.199	8,616.6

1.36	12.531	19.422	8,716.8
1.37	12.675	19.647	8,817.4
1.38	12.820	19.872	8,918.4
1.39	12.966	20.098	9,019.8
1.40	13.113	20.324	9,121.6
1.41	13.259	20.552	9,223.8
1.42	13.407	20.781	9,326.5
1.43	13.555	21.011	9,429.5
1.44	13.704	21.241	9,533.0
1.45	13.853	21.473	9,636.9
1.46	14.003	21.705	9,741.2
1.47	14.154	21.938	9,845.8
1.48	14.305	22.172	9,950.9
1.49	14.456	22.407	10,056
1.50	14.609	22.643	10,162
1.51	14.761	22.880	10,269
1.52	14.915	23.118	10,375
1.53	15.069	23.357	10,482
1.54	15.223	23.596	10,590
1.55	15.378	23.836	10,698
1.56	15.534	24.078	10,806
1.57	15.690	24.320	10,915
1.58	15.847	24.563	11,024
1.59	16.004	24.807	11,133
1.60	16.162	25.051	11,243
1.61	16.321	25.297	11,353
1.62	16.480	25.544	11,464
1.63	16.639	25.791	11,575
1.64	16.799	26.039	11,686
1.65	16.960	26.288	11,798
1.66	17.121	26.538	11,910
1.67	17.283	26.789	12,023
1.68	17.446	27.041	12,136
1.69	17.608	27.293	12,249
1.70	17.772	27.546	12,363
1.71	17.936	27.801	12,477
1.72	18.100	28.056	12,591
1.73	18.265	28.311	12,706
1.74	18.431	28.568	12,821
1.75	18.597	28.826	12,937



# Flow Chart for 36" Parshall Flume

1.76	18.764	29.084	13,053
1.77	18.931	29.343	13,169
1.78	19.099	29.603	13,286
1.79	19.267	29.864	13,403
1.80	19.436	30.126	13,520
1.81	19.605	30.388	13,638
1.82	19.775	30.652	13,756
1.83	19.946	30.916	13,875
1.84	20.117	31.181	13,994
1.85	20.288	31.446	14,113
1.86	20.460	31.713	14,233
1.87	20.633	31.980	14,353
1.88	20.806	32.249	14,473
1.89	20.979	32.518	14,594
1.90	21.153	32.788	14,715
1.91	21.328	33.058	14,837
1.92	21.503	33.330	14,958
1.93	21.679	33.602	15,081
1.94	21.855	33.875	15,203
1.95	22.031	34.149	15,326
1.96	22.209	34.423	15,449
1.97	22.386	34.699	15,573
1.98	22.565	34.975	15,697
1.99	22.743	35.252	15,821
2.00	22.923	35.530	15,946
2.01	23.102	35.809	16,071
2.02	23.283	36.088	16,196
2.03	23.463	36.368	16,322
2.04	23.645	36.649	16,448
2.05	23.826	36.931	16,575
2.06	24.009	37.213	16,701
2.07	24.191	37.497	16,828
2.08	24.375	37.781	16,956
2.09	24.558	38.065	17,084
2.10	24.743	38.351	17,212
2.11	24.927	38.637	17,340
2.12	25.113	38.925	17,469
2.13	25.298	39.212	17,599
2.14	25.485	39.501	17,728
2.15	25.671	39.791	17,858

2.16	25.859	40.081	17,988
2.17	26.046	40.372	18,119
2.18	26.234	40.663	18,250
2.19	26.423	40.956	18,381
2.20	26.612	41.249	18,513
2.21	26.802	41.543	18,645
2.22	26.992	41.838	18,777
2.23	27.183	42.133	18,909
2.24	27.374	42.430	19,042
2.25	27.566	42.727	19,176
2.26	27.758	43.024	19,309
2.27	27.950	43.323	19,443
2.28	28.143	43.622	19,578
2.29	28.337	43.922	19,712
2.30	28.531	44.223	19,847
2.31	28.725	44.524	19,983
2.32	28.920	44.827	20,118
2.33	29.116	45.130	20,254
2.34	29.312	45.433	20,390
2.35	29.508	45.738	20,527
2.36	29.705	46.043	20,664
2.37	29.902	46.349	20,801
2.38	30.100	46.655	20,939
2.39	30.298	46.963	21,077
2.40	30.497	47.271	21,215
2.41	30.696	47.580	21,354
2.42	30.896	47.889	21,493
2.43	31.096	48.199	21,632
2.44	31.297	48.510	21,771
2.45	31.498	48.822	21,911
2.46	31.700	49.134	22,052
2.47	31.902	49.448	22,192
2.48	32.104	49.761	22,333
2.49	32.307	50.076	22,474
2.50	32.510	50.391	22,616