



Flow Chart for 84" Parshall Flume

Head (feet)	MGD	CFS	GPM
0.26			
0.27			
0.28			
0.29			
0.30	2.6332	4.0742	1,828.6
0.31	2.7751	4.2937	1,927.2
0.32	2.9198	4.5176	2,027.6
0.33	3.0673	4.7458	2,130.0
0.34	3.2174	4.9781	2,234.3
0.35	3.3703	5.2146	2,340.5
0.36	3.5257	5.4551	2,448.4
0.37	3.6838	5.6997	2,558.2
0.38	3.8445	5.9484	2,669.8
0.39	4.0078	6.2010	2,783.2
0.40	4.1736	6.4575	2,898.3
0.41	4.3419	6.7179	3,015.2
0.42	4.5126	6.9821	3,133.8
0.43	4.6859	7.2501	3,254.1
0.44	4.8616	7.5220	3,376.1
0.45	5.0397	7.7975	3,499.8
0.46	5.2202	8.0768	3,625.1
0.47	5.4030	8.3597	3,752.1
0.48	5.5882	8.6463	3,880.7
0.49	5.7758	8.9365	4,011.0
0.50	5.9657	9.2303	4,142.8
0.51	6.1578	9.5276	4,276.3
0.52	6.3523	9.8284	4,411.3
0.53	6.5490	10.133	4,547.9
0.54	6.7479	10.441	4,686.0
0.55	6.9491	10.752	4,825.7
0.56	7.1525	11.067	4,967.0
0.57	7.3581	11.385	5,109.7
0.58	7.5658	11.706	5,254.0
0.59	7.7757	12.031	5,399.8
0.60	7.9878	12.359	5,547.1
0.61	8.2020	12.690	5,695.8
0.62	8.4183	13.025	5,846.0
0.63	8.6368	13.363	5,997.7
0.64	8.8573	13.704	6,150.9
0.65	9.0799	14.049	6,305.5
1.06	19.866	30.738	13,796.0
1.07	20.167	31.203	14,005.0

Head (feet)	MGD	CFS	GPM
0.66	9.3046	14.396	6,461.5
0.67	9.5313	14.747	6,618.9
0.68	9.7601	15.101	6,777.8
0.69	9.9909	15.458	6,938.1
0.70	10.224	15.818	7,099.8
0.71	10.459	16.182	7,262.8
0.72	10.695	16.548	7,427.3
0.73	10.934	16.918	7,593.1
0.74	11.175	17.290	7,760.4
0.75	11.418	17.666	7,928.9
0.76	11.662	18.044	8,098.9
0.77	11.909	18.426	8,270.1
0.78	12.158	18.811	8,442.8
0.79	12.408	19.198	8,616.7
0.80	12.661	19.589	8,792.0
0.81	12.915	19.982	8,968.6
0.82	13.171	20.379	9,146.5
0.83	13.429	20.778	9,325.8
0.84	13.689	21.180	9,506.3
0.85	13.951	21.585	9,688.1
0.86	14.215	21.993	9,871.3
0.87	14.480	22.404	10,055.7
0.88	14.748	22.818	10,241.4
0.89	15.017	23.234	10,428.3
0.90	15.288	23.654	10,616.5
0.91	15.561	24.076	10,806.0
0.92	15.835	24.501	10,997
0.93	16.112	24.929	11,189
0.94	16.390	25.359	11,382
0.95	16.670	25.793	11,576
0.96	16.952	26.229	11,772
0.97	17.236	26.667	11,969
0.98	17.521	27.109	12,167
0.99	17.808	27.553	12,367
1.00	18.097	28.000	12,567
1.01	18.387	28.450	12,769
1.02	18.680	28.902	12,972
1.03	18.974	29.357	13,176
1.04	19.270	29.815	13,382
1.05	19.567	30.275	13,588
1.46	33.169	51.320	23,034
1.47	33.533	51.884	23,287



Flow Chart for 84" Parshall Flume

1.08	20.470	31.672	14,215.1
1.09	20.774	32.142	14,426.4
1.10	21.080	32.616	14,638.9
1.11	21.388	33.092	14,852.6
1.12	21.697	33.570	15,067.4
1.13	22.008	34.051	15,283.3
1.14	22.321	34.535	15,500.4
1.15	22.635	35.021	15,718.7
1.16	22.951	35.510	15,938.1
1.17	23.268	36.002	16,158.6
1.18	23.588	36.496	16,380.3
1.19	23.909	36.992	16,603.1
1.20	24.231	37.491	16,827.0
1.21	24.555	37.992	17,052.1
1.22	24.881	38.496	17,278.3
1.23	25.208	39.003	17,505.6
1.24	25.537	39.512	17,734.0
1.25	25.868	40.023	17,963.5
1.26	26.200	40.537	18,194.1
1.27	26.533	41.053	18,425.9
1.28	26.869	41.572	18,658.7
1.29	27.205	42.093	18,892.6
1.30	27.544	42.617	19,127.6
1.31	27.884	43.143	19,363.8
1.32	28.225	43.671	19,600.9
1.33	28.569	44.202	19,839.2
1.34	28.913	44.735	20,078.6
1.35	29.259	45.271	20,319.0
1.36	29.607	45.809	20,560.5
1.37	29.957	46.350	20,803.1
1.38	30.307	46.892	21,046.7
1.39	30.660	47.438	21,291.4
1.40	31.014	47.985	21,537.2
1.41	31.369	48.535	21,784.0
1.42	31.726	49.087	22,031.9
1.43	32.084	49.642	22,280.8
1.44	32.444	50.199	22,530.8
1.45	32.806	50.758	22,781.8
1.86	48.875	75.621	33,941.1
1.87	49.297	76.273	34,233.7
1.88	49.719	76.927	34,527.3
1.89	50.144	77.583	34,821.8
1.90	50.569	78.242	35,117.2
1.91	50.996	78.902	35,413.6

1.48	33.899	52.450	23,541
1.49	34.267	53.018	23,796
1.50	34.636	53.589	24,052
1.51	35.006	54.162	24,310
1.52	35.378	54.738	24,568
1.53	35.751	55.315	24,827
1.54	36.126	55.895	25,088
1.55	36.502	56.478	25,349
1.56	36.880	57.062	25,611
1.57	37.259	57.649	25,875
1.58	37.640	58.238	26,139
1.59	38.022	58.829	26,404
1.60	38.406	59.423	26,671
1.61	38.791	60.018	26,938
1.62	39.177	60.616	27,206
1.63	39.565	61.216	27,476
1.64	39.954	61.819	27,746
1.65	40.345	62.423	28,017
1.66	40.737	63.030	28,290
1.67	41.131	63.639	28,563
1.68	41.526	64.250	28,837
1.69	41.922	64.864	29,113
1.70	42.320	65.479	29,389
1.71	42.720	66.097	29,666
1.72	43.120	66.717	29,945
1.73	43.522	67.339	30,224
1.74	43.926	67.963	30,504
1.75	44.331	68.590	30,785
1.76	44.737	69.218	31,067
1.77	45.145	69.849	31,350
1.78	45.554	70.482	31,634
1.79	45.964	71.117	31,919
1.80	46.376	71.754	32,205
1.81	46.789	72.393	32,492
1.82	47.203	73.035	32,780
1.83	47.619	73.678	33,069
1.84	48.037	74.324	33,359
1.85	48.455	74.971	33,649
2.21	64.413	99.661	44,731
2.22	64.880	100.384	45,055
2.23	65.348	101.109	45,381
2.24	65.818	101.836	45,707
2.25	66.289	102.564	46,034
2.26	66.761	103.295	46,362



Flow Chart for 84" Parshall Flume

1.92	51.424	79.564	35,710.9
1.93	51.853	80.229	36,009.1
1.94	52.284	80.895	36,308.3
1.95	52.716	81.564	36,608.4
1.96	53.150	82.235	36,909.4
1.97	53.585	82.908	37,211.4
1.98	54.021	83.582	37,514.3
1.99	54.458	84.259	37,818.1
2.00	54.897	84.938	38,122.8
2.01	55.337	85.619	38,428.4
2.02	55.778	86.302	38,734.9
2.03	56.221	86.987	39,042.4
2.04	56.665	87.674	39,350.8
2.05	57.111	88.363	39,660.0
2.06	57.557	89.054	39,970.2
2.07	58.005	89.747	40,281.3
2.08	58.455	90.443	40,593.3
2.09	58.905	91.140	40,906.2
2.10	59.357	91.839	41,220.0
2.11	59.810	92.540	41,534.7
2.12	60.265	93.243	41,850.3
2.13	60.720	93.948	42,166.8
2.14	61.177	94.655	42,484.2
2.15	61.636	95.365	42,802.5
2.16	62.095	96.076	43,121.6
2.17	62.556	96.789	43,441.7
2.18	63.018	97.504	43,762.6
2.19	63.482	98.221	44,084.5
2.20	63.947	98.940	44,407.2

2.27	67.235	104.028	46,691
2.28	67.710	104.76	47,021
2.29	68.186	105.50	47,351
2.30	68.663	106.24	47,683
2.31	69.142	106.98	48,015
2.32	69.622	107.72	48,348
2.33	70.103	108.46	48,682
2.34	70.585	109.21	49,017
2.35	71.069	109.96	49,353
2.36	71.553	110.71	49,690
2.37	72.039	111.46	50,027
2.38	72.527	112.22	50,366
2.39	73.015	112.97	50,705
2.40	73.505	113.73	51,045
2.41	73.996	114.49	51,386
2.42	74.488	115.25	51,728
2.43	74.981	116.01	52,070
2.44	75.476	116.78	52,414
2.45	75.972	117.55	52,758
2.46	76.469	118.31	53,103
2.47	76.967	119.09	53,449
2.48	77.467	119.86	53,796
2.49	77.967	120.63	54,144
2.50	78.469	121.41	54,492