



Flow Chart for 18" Parshall Flume

Head (feet)	MGD	CFS	GPM
0.16			
0.17			
0.18			
0.19			
0.20	0.326	0.505	226.56
0.21	0.351	0.544	244.22
0.22	0.377	0.585	262.33
0.23	0.404	0.626	280.89
0.24	0.431	0.668	299.89
0.25	0.459	0.712	319.33
0.26	0.488	0.756	339.18
0.27	0.517	0.801	359.45
0.28	0.546	0.847	380.13
0.29	0.577	0.894	401.21
0.30	0.608	0.942	422.68
0.31	0.639	0.991	444.55
0.32	0.671	1.040	466.79
0.33	0.704	1.091	489.42
0.34	0.737	1.142	512.41
0.35	0.770	1.194	535.77
0.36	0.804	1.247	559.50
0.37	0.839	1.300	583.58
0.38	0.874	1.355	608.01
0.39	0.910	1.410	632.79
0.40	0.946	1.466	657.92
0.41	0.982	1.523	683.39
0.42	1.019	1.580	709.19
0.43	1.057	1.638	735.32
0.44	1.095	1.697	761.79
0.45	1.134	1.757	788.58
0.46	1.173	1.817	815.69
0.47	1.212	1.879	843.12
0.48	1.252	1.940	870.87
0.49	1.292	2.003	898.93
0.50	1.333	2.066	927.30
0.51	1.374	2.130	955.98
0.52	1.416	2.195	984.96
0.53	1.458	2.260	1,014.2
0.54	1.501	2.326	1,043.8
0.55	1.543	2.392	1,073.7

Head (feet)	MGD	CFS	GPM
0.56	1.587	2.460	1,103.9
0.57	1.631	2.527	1,134.3
0.58	1.675	2.596	1,165.1
0.59	1.719	2.665	1,196.1
0.60	1.764	2.735	1,227.4
0.61	1.810	2.805	1,259.0
0.62	1.856	2.876	1,290.9
0.63	1.902	2.948	1,323.1
0.64	1.949	3.020	1,355.5
0.65	1.996	3.093	1,388.2
0.66	2.043	3.167	1,421.2
0.67	2.091	3.241	1,454.5
0.68	2.139	3.316	1,488.0
0.69	2.188	3.391	1,521.8
0.70	2.237	3.467	1,555.8
0.71	2.286	3.543	1,590.2
0.72	2.336	3.620	1,624.7
0.73	2.386	3.698	1,659.6
0.74	2.436	3.776	1,694.7
0.75	2.487	3.855	1,730.0
0.76	2.538	3.934	1,765.6
0.77	2.590	4.014	1,801.5
0.78	2.642	4.094	1,837.6
0.79	2.694	4.175	1,873.9
0.80	2.746	4.257	1,910.5
0.81	2.799	4.339	1,947.4
0.82	2.853	4.422	1,984.5
0.83	2.906	4.505	2,021.8
0.84	2.960	4.589	2,059.4
0.85	3.015	4.673	2,097.3
0.86	3.070	4.758	2,135.3
0.87	3.125	4.843	2,173.6
0.88	3.180	4.929	2,212.2
0.89	3.236	5.015	2,251.0
0.90	3.292	5.102	2,290.0
0.91	3.348	5.190	2,329.2
0.92	3.405	5.278	2,368.7
0.93	3.462	5.366	2,408.4
0.94	3.520	5.455	2,448.4
0.95	3.577	5.545	2,488.5



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0.96	3.635	5.635	2,528.9
0.97	3.694	5.725	2,569.6
0.98	3.753	5.816	2,610.4
0.99	3.812	5.908	2,651.5
1.00	3.871	6.000	2,692.8
1.01	3.931	6.093	2,734.3
1.02	3.991	6.186	2,776.1
1.03	4.051	6.279	2,818.0
1.04	4.112	6.373	2,860.2
1.05	4.173	6.468	2,902.6
1.06	4.234	6.563	2,945.3
1.07	4.295	6.658	2,988.1
1.08	4.357	6.754	3,031.2
1.09	4.420	6.850	3,074.4
1.10	4.482	6.947	3,117.9
1.11	4.545	7.045	3,161.6
1.12	4.608	7.142	3,205.5
1.13	4.671	7.241	3,249.7
1.14	4.735	7.340	3,294.0
1.15	4.799	7.439	3,338.5
1.16	4.864	7.539	3,383.3
1.17	4.928	7.639	3,428.3
1.18	4.993	7.739	3,473.4
1.19	5.058	7.840	3,518.8
1.20	5.124	7.942	3,564.4
1.21	5.190	8.044	3,610.2
1.22	5.256	8.147	3,656.2
1.23	5.322	8.249	3,702.4
1.24	5.389	8.353	3,748.8
1.25	5.456	8.457	3,795.3
1.26	5.523	8.561	3,842.1
1.27	5.591	8.666	3,889.1
1.28	5.659	8.771	3,936.3
1.29	5.727	8.876	3,983.7
1.30	5.795	8.982	4,031.3
1.31	5.864	9.089	4,079.1
1.32	5.933	9.196	4,127.1
1.33	6.002	9.303	4,175.3
1.34	6.072	9.411	4,223.7
1.35	6.141	9.519	4,272.3

1.36	6.212	9.628	4,321.0
1.37	6.282	9.737	4,370.0
1.38	6.353	9.847	4,419.1
1.39	6.424	9.957	4,468.5
1.40	6.495	10.067	4,518.0
1.41	6.566	10.178	4,567.8
1.42	6.638	10.289	4,617.7
1.43	6.710	10.401	4,667.8
1.44	6.782	10.513	4,718.1
1.45	6.855	10.625	4,768.6
1.46	6.928	10.738	4,819.2
1.47	7.001	10.851	4,870.1
1.48	7.074	10.965	4,921.2
1.49	7.148	11.079	4,972.4
1.50	7.222	11.194	5,023.8
1.51	7.296	11.309	5,075.4
1.52	7.370	11.424	5,127.2
1.53	7.445	11.540	5,179.2
1.54	7.520	11.656	5,231.3
1.55	7.595	11.773	5,283.7
1.56	7.671	11.890	5,336.2
1.57	7.747	12.007	5,388.9
1.58	7.823	12.125	5,441.8
1.59	7.899	12.243	5,494.8
1.60	7.975	12.362	5,548.1
1.61	8.052	12.481	5,601.5
1.62	8.129	12.600	5,655.1
1.63	8.207	12.720	5,708.9
1.64	8.284	12.840	5,762.8
1.65	8.362	12.961	5,816.9
1.66	8.440	13.082	5,871.2
1.67	8.518	13.204	5,925.7
1.68	8.597	13.325	5,980.4
1.69	8.676	13.447	6,035.2
1.70	8.755	13.570	6,090.2
1.71	8.834	13.693	6,145.4
1.72	8.914	13.816	6,200.8
1.73	8.994	13.940	6,256.3
1.74	9.074	14.064	6,312.0
1.75	9.154	14.189	6,367.9



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1.76	9.235	14.314	6,424.0
1.77	9.315	14.439	6,480.2
1.78	9.396	14.565	6,536.6
1.79	9.478	14.691	6,593.1
1.80	9.559	14.817	6,649.9
1.81	9.641	14.944	6,706.8
1.82	9.723	15.071	6,763.8
1.83	9.805	15.199	6,821.1
1.84	9.888	15.326	6,878.5
1.85	9.971	15.455	6,936.1
1.86	10.054	15.583	6,993.8
1.87	10.137	15.712	7,051.7
1.88	10.221	15.842	7,109.8
1.89	10.304	15.972	7,168.1
1.90	10.388	16.102	7,226.5
1.91	10.472	16.232	7,285.1
1.92	10.557	16.363	7,343.8
1.93	10.642	16.494	7,402.7
1.94	10.727	16.626	7,461.8
1.95	10.812	16.758	7,521.0
1.96	10.897	16.890	7,580.4
1.97	10.983	17.023	7,640.0
1.98	11.069	17.156	7,699.7
1.99	11.155	17.290	7,759.6
2.00	11.241	17.423	7,819.7
2.01	11.328	17.558	7,879.9
2.02	11.414	17.692	7,940.3
2.03	11.501	17.827	8,000.8
2.04	11.589	17.962	8,061.5
2.05	11.676	18.098	8,122.3
2.06	11.764	18.234	8,183.4
2.07	11.852	18.370	8,244.5
2.08	11.940	18.507	8,305.9
2.09	12.028	18.644	8,367.4
2.10	12.117	18.781	8,429.0
2.11	12.206	18.919	8,490.8
2.12	12.295	19.057	8,552.8
2.13	12.384	19.195	8,614.9
2.14	12.474	19.334	8,677.2
2.15	12.563	19.473	8,739.7

2.16	12.653	19.613	8,802.3
2.17	12.744	19.753	8,865.0
2.18	12.834	19.893	8,927.9
2.19	12.925	20.033	8,991.0
2.20	13.016	20.174	9,054.2
2.21	13.107	20.315	9,117.6
2.22	13.198	20.457	9,181.1
2.23	13.290	20.599	9,244.8
2.24	13.381	20.741	9,308.6
2.25	13.473	20.884	9,372.6
2.26	13.566	21.027	9,436.8
2.27	13.658	21.170	9,501.1
2.28	13.751	21.314	9,565.5
2.29	13.844	21.457	9,630.1
2.30	13.937	21.602	9,694.9
2.31	14.030	21.746	9,759.8
2.32	14.123	21.891	9,824.8
2.33	14.217	22.037	9,890.0
2.34	14.311	22.182	9,955.4
2.35	14.405	22.328	10,021
2.36	14.500	22.474	10,087
2.37	14.594	22.621	10,152
2.38	14.689	22.768	10,218
2.39	14.784	22.915	10,284
2.40	14.879	23.063	10,351
2.41	14.975	23.211	10,417
2.42	15.070	23.359	10,484
2.43	15.166	23.508	10,550
2.44	15.262	23.657	10,617
2.45	15.359	23.806	10,684
2.46	15.455	23.956	10,751
2.47	15.552	24.106	10,819
2.48	15.649	24.256	10,886
2.49	15.746	24.407	10,954
2.50	15.844	24.557	11,021