



## Flow Chart for 30" Parshall Flume

Head (feet)	MGD	CFS	GPM
0.16			
0.17			
0.18			
0.19			
0.20	0.52478	0.81340	365.06
0.21	0.56625	0.87769	393.91
0.22	0.60884	0.94371	423.54
0.23	0.65253	1.0114	453.93
0.24	0.69730	1.0808	485.07
0.25	0.74312	1.1518	516.94
0.26	0.78997	1.2245	549.54
0.27	0.83785	1.2987	582.84
0.28	0.88672	1.3744	616.84
0.29	0.93658	1.4517	651.53
0.30	0.98742	1.5305	686.89
0.31	1.0392	1.6108	722.91
0.32	1.0919	1.6925	759.59
0.33	1.1456	1.7757	796.92
0.34	1.2002	1.8603	834.89
0.35	1.2557	1.9463	873.48
0.36	1.3120	2.0336	912.70
0.37	1.3693	2.1224	952.53
0.38	1.4274	2.2125	992.97
0.39	1.4864	2.3039	1,034.0
0.40	1.5463	2.3967	1,075.6
0.41	1.6069	2.4907	1,117.8
0.42	1.6685	2.5861	1,160.6
0.43	1.7308	2.6827	1,204.0
0.44	1.7940	2.7806	1,247.9
0.45	1.8579	2.8798	1,292.4
0.46	1.9227	2.9802	1,337.5
0.47	1.9882	3.0818	1,383.1
0.48	2.0546	3.1846	1,429.2
0.49	2.1217	3.2886	1,475.9
0.50	2.1896	3.3939	1,523.2
0.51	2.2582	3.5003	1,570.9
0.52	2.3276	3.6079	1,619.2
0.53	2.3978	3.7166	1,668.0
0.54	2.4687	3.8265	1,717.3
0.55	2.5404	3.9375	1,767.2

Head (feet)	MGD	CFS	GPM
0.56	2.6127	4.0497	1,817.5
0.57	2.6858	4.1630	1,868.4
0.58	2.7596	4.2774	1,919.7
0.59	2.8342	4.3930	1,971.6
0.60	2.9094	4.5096	2,023.9
0.61	2.9854	4.6273	2,076.7
0.62	3.0620	4.7461	2,130.1
0.63	3.1394	4.8660	2,183.9
0.64	3.2174	4.9869	2,238.1
0.65	3.2961	5.1090	2,292.9
0.66	3.3755	5.2320	2,348.1
0.67	3.4556	5.3561	2,403.8
0.68	3.5363	5.4813	2,460.0
0.69	3.6177	5.6075	2,516.6
0.70	3.6998	5.7347	2,573.7
0.71	3.7825	5.8629	2,631.3
0.72	3.8659	5.9921	2,689.3
0.73	3.9499	6.1224	2,747.7
0.74	4.0346	6.2536	2,806.6
0.75	4.1199	6.3859	2,866.0
0.76	4.2059	6.5191	2,925.8
0.77	4.2925	6.6533	2,986.0
0.78	4.3797	6.7885	3,046.7
0.79	4.4675	6.9247	3,107.8
0.80	4.5560	7.0618	3,169.3
0.81	4.6451	7.1999	3,231.3
0.82	4.7348	7.3390	3,293.7
0.83	4.8252	7.4790	3,356.6
0.84	4.9161	7.6199	3,419.8
0.85	5.0076	7.7618	3,483.5
0.86	5.0998	7.9047	3,547.6
0.87	5.1925	8.0484	3,612.1
0.88	5.2859	8.1931	3,677.1
0.89	5.3798	8.3387	3,742.4
0.90	5.4743	8.4852	3,808.2
0.91	5.5695	8.6327	3,874.3
0.92	5.6652	8.7810	3,940.9
0.93	5.7615	8.9303	4,007.9
0.94	5.8583	9.0804	4,075.3
0.95	5.9558	9.2315	4,143.1



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0.96	6.0538	9.3834	4,211.3
0.97	6.1524	9.5362	4,279.9
0.98	6.2516	9.6899	4,348.8
0.99	6.3513	9.8445	4,418.2
1.00	6.4516	10.000	4,488.0
1.01	6.5525	10.156	4,558.2
1.02	6.6539	10.314	4,628.7
1.03	6.7559	10.472	4,699.7
1.04	6.8584	10.631	4,771.0
1.05	6.9615	10.790	4,842.7
1.06	7.0651	10.951	4,914.8
1.07	7.1693	11.112	4,987.3
1.08	7.2740	11.275	5,060.1
1.09	7.3793	11.438	5,133.3
1.10	7.4851	11.602	5,207.0
1.11	7.5915	11.767	5,280.9
1.12	7.6984	11.932	5,355.3
1.13	7.8058	12.099	5,430.0
1.14	7.9138	12.266	5,505.1
1.15	8.0223	12.434	5,580.6
1.16	8.1313	12.603	5,656.4
1.17	8.2408	12.773	5,732.6
1.18	8.351	12.944	5,809.2
1.19	8.4615	13.115	5,886.1
1.20	8.5726	13.288	5,963.4
1.21	8.6842	13.461	6,041.1
1.22	8.7964	13.634	6,119.1
1.23	8.9090	13.809	6,197.5
1.24	9.0222	13.984	6,276.2
1.25	9.1359	14.161	6,355.3
1.26	9.2501	14.338	6,434.7
1.27	9.3648	14.515	6,514.5
1.28	9.4800	14.694	6,594.7
1.29	9.5957	14.873	6,675.2
1.30	9.7119	15.054	6,756.0
1.31	9.8287	15.234	6,837.2
1.32	9.9459	15.416	6,918.7
1.33	10.064	15.599	7,000.6
1.34	10.182	15.782	7,082.9
1.35	10.301	15.966	7,165.4

1.36	10.420	16.151	7,248.4
1.37	10.539	16.336	7,331.6
1.38	10.660	16.522	7,415.2
1.39	10.780	16.709	7,499.2
1.40	10.901	16.897	7,583.4
1.41	11.023	17.086	7,668.1
1.42	11.145	17.275	7,753.0
1.43	11.268	17.465	7,838.3
1.44	11.391	17.656	7,923.9
1.45	11.514	17.847	8,009.9
1.46	11.638	18.040	8,096.2
1.47	11.763	18.233	8,182.8
1.48	11.888	18.426	8,269.7
1.49	12.013	18.621	8,357.0
1.50	12.139	18.816	8,444.6
1.51	12.266	19.012	8,532.5
1.52	12.393	19.209	8,620.8
1.53	12.520	19.406	8,709.4
1.54	12.648	19.604	8,798.3
1.55	12.776	19.803	8,887.5
1.56	12.905	20.002	8,977.1
1.57	13.034	20.203	9,066.9
1.58	13.164	20.404	9,157.1
1.59	13.294	20.605	9,247.6
1.60	13.424	20.808	9,338.5
1.61	13.555	21.011	9,429.6
1.62	13.687	21.215	9,521.1
1.63	13.819	21.419	9,612.9
1.64	13.951	21.624	9,705.0
1.65	14.084	21.830	9,797.4
1.66	14.217	22.037	9,890.1
1.67	14.351	22.244	9,983.2
1.68	14.485	22.452	10,077
1.69	14.620	22.661	10,170
1.70	14.755	22.870	10,264
1.71	14.890	23.080	10,358
1.72	15.026	23.291	10,453
1.73	15.163	23.502	10,548
1.74	15.300	23.715	10,643
1.75	15.437	23.927	10,739



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1.76	15.575	24.141	10,834
1.77	15.713	24.355	10,931
1.78	15.852	24.570	11,027
1.79	15.991	24.786	11,124
1.80	16.130	25.002	11,221
1.81	16.270	25.219	11,318
1.82	16.410	25.436	11,416
1.83	16.551	25.654	11,514
1.84	16.692	25.873	11,612
1.85	16.834	26.093	11,710
1.86	16.976	26.313	11,809
1.87	17.119	26.534	11,908
1.88	17.262	26.755	12,008
1.89	17.405	26.978	12,108
1.90	17.549	27.200	12,208
1.91	17.693	27.424	12,308
1.92	17.838	27.648	12,409
1.93	17.983	27.873	12,509
1.94	18.128	28.098	12,611
1.95	18.274	28.325	12,712
1.96	18.420	28.551	12,814
1.97	18.567	28.779	12,916
1.98	18.714	29.007	13,018
1.99	18.862	29.236	13,121
2.00	19.010	29.465	13,224
2.01	19.158	29.695	13,327
2.02	19.307	29.926	13,431
2.03	19.456	30.157	13,534
2.04	19.606	30.389	13,638
2.05	19.756	30.621	13,743
2.06	19.906	30.855	13,848
2.07	20.057	31.088	13,952
2.08	20.208	31.323	14,058
2.09	20.360	31.558	14,163
2.10	20.512	31.794	14,269
2.11	20.664	32.030	14,375
2.12	20.817	32.267	14,481
2.13	20.971	32.505	14,588
2.14	21.124	32.743	14,695
2.15	21.278	32.982	14,802

2.16	21.433	33.221	14,910
2.17	21.588	33.461	15,017
2.18	21.743	33.702	15,125
2.19	21.899	33.943	15,234
2.20	22.055	34.185	15,342
2.21	22.211	34.428	15,451
2.22	22.368	34.671	15,560
2.23	22.526	34.915	15,670
2.24	22.683	35.159	15,779
2.25	22.841	35.404	15,889
2.26	23.000	35.650	16,000
2.27	23.159	35.896	16,110
2.28	23.318	36.143	16,221
2.29	23.477	36.390	16,332
2.30	23.638	36.638	16,443
2.31	23.798	36.887	16,555
2.32	23.959	37.136	16,667
2.33	24.120	37.386	16,779
2.34	24.282	37.636	16,891
2.35	24.443	37.887	17,004
2.36	24.606	38.139	17,117
2.37	24.769	38.391	17,230
2.38	24.932	38.644	17,343
2.39	25.095	38.898	17,457
2.40	25.259	39.152	17,571
2.41	25.423	39.406	17,686
2.42	25.588	39.661	17,800
2.43	25.753	39.917	17,915
2.44	25.918	40.174	18,030
2.45	26.084	40.431	18,145
2.46	26.250	40.688	18,261
2.47	26.417	40.946	18,377
2.48	26.584	41.205	18,493
2.49	26.751	41.464	18,609
2.50	26.919	41.724	18,726