



770.664.6513 (V) 770.664.6565 (F)

Discharge Table For 6" Parshall Flume

Document: PAR6-D-Date: 1-14-04 By: Matt Kazmier

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.01	0.12			
0.02	0.24			
0.03	0.36			
0.04	0.48			
0.05	0.60			
0.06	0.72			
0.07	0.84			
0.08	0.96			
0.09	1.08			
0.10	1.20	0.054	24.32	0.0350
0.11	1.32	0.063	28.27	0.0407
0.12	1.44	0.072	32.44	0.0467
0.13	1.56	0.082	36.81	0.0530
0.14	1.68	0.092	41.38	0.0596
0.15	1.80	0.103	46.15	0.0665
0.16	1.92	0.114	51.10	0.0736
0.17	2.04	0.125	56.24	0.0810
0.18	2.16	0.137	61.55	0.0886
0.19	2.28	0.149	67.04	0.0965
0.20	2.40	0.162	72.70	0.1047
0.21	2.52	0.175	78.53	0.1131
0.22	2.64	0.188	84.52	0.1217
0.23	2.76	0.202	90.67	0.1306
0.24	2.88	0.216	96.97	0.1396
0.25	3.00	0.230	103.4	0.1490
0.26	3.12	0.245	110.0	0.1585
0.27	3.24	0.260	116.8	0.1682
0.28	3.36	0.276	123.7	0.1782
0.29	3.48	0.291	130.8	0.1883
0.30	3.60	0.307	138.0	0.1987
0.31	3.72	0.324	145.3	0.2092
0.32	3.84	0.340	152.8	0.2200
0.33	3.96	0.357	160.4	0.2310
0.34	4.08	0.375	168.1	0.2421
0.35	4.20	0.392	176.0	0.2535
0.36	4.32	0.410	184.0	0.2650
0.37	4.44	0.428	192.2	0.2767
0.38	4.56	0.447	200.4	0.2886
0.39	4.68	0.465	208.8	0.3007
0.40	4.80	0.484	217.4	0.3130
0.41	4.92	0.504	226.0	0.3255
0.42	5.04	0.523	234.8	0.3381
0.43	5.16	0.543	243.7	0.3509
0.44	5.28	0.563	252.7	0.3639
0.45	5.40	0.583	261.8	0.3770
0.46	5.52	0.604	271.1	0.3904
0.47	5.64	0.625	280.4	0.4038
0.48	5.76	0.646	289.9	0.4175
0.49	5.88	0.667	299.5	0.4313
0.50	6.00	0.689	309.2	0.4453

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	0.711	319.1	0.4595
0.52	6.24	0.733	329.0	0.4738
0.53	6.36	0.755	339.1	0.4883
0.54	6.48	0.778	349.2	0.5029
0.55	6.60	0.801	359.5	0.5177
0.56	6.72	0.824	369.9	0.5326
0.57	6.84	0.848	380.4	0.5478
0.58	6.96	0.871	391.0	0.5630
0.59	7.08	0.895	401.7	0.5784
0.60	7.20	0.919	412.5	0.5940
0.61	7.32	0.943	423.4	0.6097
0.62	7.44	0.968	434.4	0.6256
0.63	7.56	0.993	445.5	0.6416
0.64	7.68	1.018	456.8	0.6578
0.65	7.80	1.043	468.1	0.6741
0.66	7.92	1.068	479.5	0.6905
0.67	8.04	1.094	491.0	0.7071
0.68	8.16	1.120	502.7	0.7239
0.69	8.28	1.146	514.4	0.7408
0.70	8.40	1.173	526.2	0.7578
0.71	8.52	1.199	538.2	0.7750
0.72	8.64	1.226	550.2	0.7923
0.73	8.76	1.253	562.3	0.8098
0.74	8.88	1.280	574.5	0.8273
0.75	9.00	1.308	586.8	0.8451
0.76	9.12	1.335	599.2	0.8630
0.77	9.24	1.363	611.8	0.8810
0.78	9.36	1.391	624.4	0.8991
0.79	9.48	1.419	637.0	0.9174
0.80	9.60	1.448	649.8	0.9358
0.81	9.72	1.477	662.7	0.9544
0.82	9.84	1.506	675.7	0.9730
0.83	9.96	1.535	688.8	0.9918
0.84	10.08	1.564	701.9	1.011
0.85	10.20	1.593	715.2	1.030
0.86	10.32	1.623	728.5	1.049
0.87	10.44	1.653	741.9	1.068
0.88	10.56	1.683	755.4	1.088
0.89	10.68	1.714	769.1	1.107
0.90	10.80	1.744	782.8	1.127
0.91	10.92	1.775	796.5	1.147
0.92	11.04	1.806	810.4	1.167
0.93	11.16	1.837	824.4	1.187
0.94	11.28	1.868	838.4	1.207
0.95	11.40	1.900	852.6	1.228
0.96	11.52	1.931	866.8	1.248
0.97	11.64	1.963	881.1	1.269
0.98	11.76	1.995	895.5	1.290
0.99	11.88	2.028	910.0	1.310
1.00	12.00	2.060	924.5	1.331



770.664.6513 (V) 770.664.6906 (F)

Discharge Table For 6" Parshall Flume

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.01	12.12	2.093	939.2	1.352
1.02	12.24	2.125	953.9	1.374
1.03	12.36	2.158	968.7	1.395
1.04	12.48	2.192	983.6	1.416
1.05	12.60	2.225	998.6	1.438
1.06	12.72	2.259	1014	1.460
1.07	12.84	2.292	1029	1.482
1.08	12.96	2.326	1044	1.504
1.09	13.08	2.360	1059	1.526
1.10	13.20	2.395	1075	1.548
1.11	13.32	2.429	1090	1.570
1.12	13.44	2.464	1106	1.592
1.13	13.56	2.499	1121	1.615
1.14	13.68	2.534	1137	1.638
1.15	13.80	2.569	1153	1.660
1.16	13.92	2.604	1169	1.683
1.17	14.04	2.640	1185	1.706
1.18	14.16	2.676	1201	1.729
1.19	14.28	2.712	1217	1.753
1.20	14.40	2.748	1233	1.776
1.21	14.52	2.784	1249	1.799
1.22	14.64	2.820	1266	1.823
1.23	14.76	2.857	1282	1.847
1.24	14.88	2.894	1299	1.870
1.25	15.00	2.931	1315	1.894
1.26	15.12	2.968	1332	1.918
1.27	15.24	3.005	1349	1.942
1.28	15.36	3.043	1366	1.966
1.29	15.48	3.080	1382	1.991
1.30	15.60	3.118	1399	2.015
1.31	15.72	3.156	1416	2.040
1.32	15.84	3.194	1434	2.064
1.33	15.96	3.233	1451	2.089
1.34	16.08	3.271	1468	2.114
1.35	16.20	3.310	1485	2.139
1.36	16.32	3.349	1503	2.164
1.37	16.44	3.388	1520	2.189
1.38	16.56	3.427	1538	2.215
1.39	16.68	3.466	1556	2.240
1.40	16.80	3.505	1573	2.266
1.41	16.92	3.545	1591	2.291
1.42	17.04	3.585	1609	2.317
1.43	17.16	3.625	1627	2.343
1.44	17.28	3.665	1645	2.369
1.45	17.40	3.705	1663	2.395
1.46	17.52	3.746	1681	2.421
1.47	17.64	3.786	1699	2.447
1.48	17.76	3.827	1718	2.474
1.49	17.88	3.868	1736	2.500
1.50	18.00	3.909	1754	2.527