



770.664.6513 (V) 770.664.6565 (F)

## Discharge Table For 8" W x 36" L Cutthroat Flume

Document: C-8-36-D-T Rev.: 0 Date: 5-26-00 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	0.0429	19.27	0.0277
0.11	1.32	0.0512	22.96	0.0331
0.12	1.44	0.0600	26.95	0.0388
0.13	1.56	0.0696	31.22	0.0450
0.14	1.68	0.0797	35.78	0.0515
0.15	1.80	0.0905	40.63	0.0585
0.16	1.92	0.1019	45.75	0.0659
0.17	2.04	0.1140	51.15	0.0737
0.18	2.16	0.1266	56.82	0.0818
0.19	2.28	0.1399	62.76	0.0904
0.20	2.40	0.1537	68.98	0.0993
0.21	2.52	0.1681	75.46	0.1087
0.22	2.64	0.1832	82.20	0.1184
0.23	2.76	0.1988	89.20	0.1285
0.24	2.88	0.2150	96.47	0.1389
0.25	3.00	0.2317	104.0	0.1498
0.26	3.12	0.2491	111.8	0.1610
0.27	3.24	0.2670	119.8	0.1725
0.28	3.36	0.2854	128.1	0.1845
0.29	3.48	0.3045	136.7	0.1968
0.30	3.60	0.3241	145.4	0.2095
0.31	3.72	0.3442	154.5	0.2225
0.32	3.84	0.3649	163.8	0.2359
0.33	3.96	0.3862	173.3	0.2496
0.34	4.08	0.4080	183.1	0.2637
0.35	4.20	0.4304	193.1	0.2781
0.36	4.32	0.4533	203.4	0.2929
0.37	4.44	0.4767	213.9	0.3081
0.38	4.56	0.5007	224.7	0.3236
0.39	4.68	0.5252	235.7	0.3394
0.40	4.80	0.5502	246.9	0.3556
0.41	4.92	0.5758	258.4	0.3721
0.42	5.04	0.6019	270.1	0.3890
0.43	5.16	0.6285	282.1	0.4062
0.44	5.28	0.6557	294.3	0.4238
0.45	5.40	0.6834	306.7	0.4417
0.46	5.52	0.7116	319.4	0.4599
0.47	5.64	0.7403	332.3	0.4785
0.48	5.76	0.7696	345.4	0.4974
0.49	5.88	0.7993	358.7	0.5166
0.50	6.00	0.8296	372.3	0.5362

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	0.8604	386.1	0.5561
0.52	6.24	0.8917	400.2	0.5763
0.53	6.36	0.9235	414.5	0.5968
0.54	6.48	0.9558	429.0	0.6177
0.55	6.60	0.9886	443.7	0.6389
0.56	6.72	1.022	458.6	0.6605
0.57	6.84	1.056	473.8	0.6823
0.58	6.96	1.090	489.2	0.7045
0.59	7.08	1.125	504.9	0.7270
0.60	7.20	1.160	520.7	0.7499
0.61	7.32	1.196	536.8	0.7730
0.62	7.44	1.232	553.1	0.7965
0.63	7.56	1.269	569.6	0.8203
0.64	7.68	1.307	586.4	0.8444
0.65	7.80	1.344	603.4	0.8689
0.66	7.92	1.383	620.5	0.8936
0.67	8.04	1.421	638.0	0.9187
0.68	8.16	1.461	655.6	0.9441
0.69	8.28	1.501	673.4	0.9698
0.70	8.40	1.541	691.5	0.9958
0.71	8.52	1.582	709.8	1.022
0.72	8.64	1.623	728.3	1.049
0.73	8.76	1.664	747.0	1.076
0.74	8.88	1.707	765.9	1.103
0.75	9.00	1.749	785.1	1.131
0.76	9.12	1.792	804.5	1.158
0.77	9.24	1.836	824.0	1.187
0.78	9.36	1.880	843.8	1.215
0.79	9.48	1.925	863.9	1.244
0.80	9.60	1.970	884.1	1.273
0.81	9.72	2.015	904.5	1.303
0.82	9.84	2.061	925.2	1.332
0.83	9.96	2.108	946.0	1.362
0.84	10.08	2.155	967.1	1.393
0.85	10.20	2.202	988.4	1.423
0.86	10.32	2.250	1010	1.454
0.87	10.44	2.299	1032	1.486
0.88	10.56	2.347	1054	1.517
0.89	10.68	2.397	1076	1.549
0.90	10.80	2.447	1098	1.581
0.91	10.92	2.497	1121	1.614
0.92	11.04	2.548	1143	1.646
0.93	11.16	2.599	1166	1.680
0.94	11.28	2.650	1190	1.713
0.95	11.40	2.703	1213	1.747
0.96	11.52	2.755	1236	1.781
0.97	11.64	2.808	1260	1.815
0.98	11.76	2.862	1284	1.849
0.99	11.88	2.916	1309	1.884
1.00	12.00	2.970	1333	1.920