



770.664.6513 (V) 770.664.6565 (F)

Discharge Table For 24" W x 54" L Cutthroat Flume

Document: C-24-54-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	0.154	69.26	0.0997
0.11	1.32	0.182	81.60	0.1175
0.12	1.44	0.211	94.77	0.1365
0.13	1.56	0.242	108.8	0.1566
0.14	1.68	0.275	123.5	0.1779
0.15	1.80	0.310	139.1	0.2003
0.16	1.92	0.346	155.4	0.2238
0.17	2.04	0.384	172.5	0.2484
0.18	2.16	0.424	190.4	0.2741
0.19	2.28	0.465	208.9	0.3008
0.20	2.40	0.508	228.2	0.3286
0.21	2.52	0.553	248.1	0.3573
0.22	2.64	0.599	268.8	0.3871
0.23	2.76	0.647	290.2	0.4179
0.24	2.88	0.696	312.2	0.4496
0.25	3.00	0.746	334.9	0.4823
0.26	3.12	0.798	358.3	0.5160
0.27	3.24	0.852	382.3	0.5506
0.28	3.36	0.907	407.0	0.5861
0.29	3.48	0.963	432.3	0.6226
0.30	3.60	1.021	458.3	0.6600
0.31	3.72	1.080	484.9	0.6982
0.32	3.84	1.141	512.1	0.7374
0.33	3.96	1.203	539.9	0.7775
0.34	4.08	1.266	568.4	0.8185
0.35	4.20	1.331	597.4	0.8603
0.36	4.32	1.397	627.1	0.9030
0.37	4.44	1.465	657.3	0.9466
0.38	4.56	1.533	688.2	0.9910
0.39	4.68	1.603	719.6	1.036
0.40	4.80	1.675	751.7	1.082
0.41	4.92	1.748	784.3	1.129
0.42	5.04	1.821	817.5	1.177
0.43	5.16	1.897	851.2	1.226
0.44	5.28	1.973	885.6	1.275
0.45	5.40	2.051	920.5	1.326
0.46	5.52	2.130	955.9	1.377
0.47	5.64	2.210	992.0	1.428
0.48	5.76	2.292	1029	1.481
0.49	5.88	2.374	1066	1.535
0.50	6.00	2.458	1103	1.589

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	2.544	1142	1.644
0.52	6.24	2.630	1180	1.700
0.53	6.36	2.718	1220	1.756
0.54	6.48	2.806	1260	1.814
0.55	6.60	2.896	1300	1.872
0.56	6.72	2.988	1341	1.931
0.57	6.84	3.080	1382	1.991
0.58	6.96	3.173	1424	2.051
0.59	7.08	3.268	1467	2.112
0.60	7.20	3.364	1510	2.174
0.61	7.32	3.461	1553	2.237
0.62	7.44	3.559	1597	2.300
0.63	7.56	3.658	1642	2.364
0.64	7.68	3.759	1687	2.429
0.65	7.80	3.860	1733	2.495
0.66	7.92	3.963	1779	2.561
0.67	8.04	4.067	1825	2.629
0.68	8.16	4.172	1872	2.696
0.69	8.28	4.278	1920	2.765
0.70	8.40	4.385	1968	2.834
0.71	8.52	4.494	2017	2.904
0.72	8.64	4.603	2066	2.975
0.73	8.76	4.714	2115	3.046
0.74	8.88	4.825	2166	3.118
0.75	9.00	4.938	2216	3.191
0.76	9.12	5.052	2267	3.265
0.77	9.24	5.166	2319	3.339
0.78	9.36	5.282	2371	3.414
0.79	9.48	5.399	2423	3.490
0.80	9.60	5.518	2476	3.566
0.81	9.72	5.637	2530	3.643
0.82	9.84	5.757	2584	3.721
0.83	9.96	5.878	2638	3.799
0.84	10.08	6.001	2693	3.878
0.85	10.20	6.124	2748	3.958
0.86	10.32	6.248	2804	4.038
0.87	10.44	6.374	2861	4.119
0.88	10.56	6.500	2917	4.201
0.89	10.68	6.628	2975	4.284
0.90	10.80	6.757	3032	4.367
0.91	10.92	6.886	3091	4.451
0.92	11.04	7.017	3149	4.535
0.93	11.16	7.149	3208	4.620
0.94	11.28	7.281	3268	4.706
0.95	11.40	7.415	3328	4.792
0.96	11.52	7.550	3388	4.879
0.97	11.64	7.686	3449	4.967
0.98	11.76	7.822	3511	5.056
0.99	11.88	7.960	3573	5.145
1.00	12.00	8.099	3635	5.234



770.664.6513 (V) 770.664.6906 (F)

Discharge Table For 24" W x 54" L Cutthroat Flume

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.01	12.12	8.239	3698	5.325
1.02	12.24	8.380	3761	5.416
1.03	12.36	8.521	3824	5.507
1.04	12.48	8.664	3888	5.600
1.05	12.60	8.808	3953	5.693
1.06	12.72	8.953	4018	5.786
1.07	12.84	9.099	4083	5.880
1.08	12.96	9.245	4149	5.975
1.09	13.08	9.393	4216	6.071
1.10	13.20	9.542	4282	6.167
1.11	13.32	9.691	4350	6.264
1.12	13.44	9.842	4417	6.361
1.13	13.56	9.994	4485	6.459
1.14	13.68	10.15	4554	6.558
1.15	13.80	10.30	4623	6.657
1.16	13.92	10.45	4692	6.757
1.17	14.04	10.61	4762	6.857
1.18	14.16	10.77	4832	6.958
1.19	14.28	10.92	4903	7.060
1.20	14.40	11.08	4974	7.162
1.21	14.52	11.24	5045	7.265
1.22	14.64	11.40	5117	7.369
1.23	14.76	11.56	5189	7.473
1.24	14.88	11.73	5262	7.578
1.25	15.00	11.89	5335	7.683
1.26	15.12	12.05	5409	7.789
1.27	15.24	12.22	5483	7.896
1.28	15.36	12.38	5558	8.003
1.29	15.48	12.55	5632	8.111
1.30	15.60	12.72	5708	8.220
1.31	15.72	12.89	5784	8.329
1.32	15.84	13.06	5860	8.438
1.33	15.96	13.23	5936	8.549
1.34	16.08	13.40	6013	8.659
1.35	16.20	13.57	6091	8.771
1.36	16.32	13.74	6168	8.883
1.37	16.44	13.92	6247	8.995
1.38	16.56	14.09	6325	9.109
1.39	16.68	14.27	6404	9.223
1.40	16.80	14.45	6484	9.337
1.41	16.92	14.62	6564	9.452
1.42	17.04	14.80	6644	9.568
1.43	17.16	14.98	6725	9.684
1.44	17.28	15.16	6806	9.801
1.45	17.40	15.35	6887	9.918
1.46	17.52	15.53	6969	10.036
1.47	17.64	15.71	7051	10.154
1.48	17.76	15.90	7134	10.273
1.49	17.88	16.08	7217	10.393
1.50	18.00	16.27	7301	10.513