



770.664.6513 (V) 770.664.6565 (F)

Discharge Table For 16" W x 36" L Cutthroat Flume

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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	0.0873	39.20	0.0565
0.11	1.32	0.1041	46.72	0.0673
0.12	1.44	0.1222	54.83	0.0790
0.13	1.56	0.1415	63.53	0.0915
0.14	1.68	0.1622	72.81	0.1048
0.15	1.80	0.1842	82.66	0.1190
0.16	1.92	0.2074	93.09	0.1341
0.17	2.04	0.2319	104.1	0.1499
0.18	2.16	0.2576	115.6	0.1665
0.19	2.28	0.2846	127.7	0.1839
0.20	2.40	0.3127	140.3	0.2021
0.21	2.52	0.3421	153.5	0.2211
0.22	2.64	0.3727	167.2	0.2408
0.23	2.76	0.4044	181.5	0.2614
0.24	2.88	0.4374	196.3	0.2827
0.25	3.00	0.4715	211.6	0.3047
0.26	3.12	0.5068	227.4	0.3275
0.27	3.24	0.5432	243.8	0.3511
0.28	3.36	0.5808	260.7	0.3754
0.29	3.48	0.6195	278.0	0.4004
0.30	3.60	0.6594	295.9	0.4262
0.31	3.72	0.7004	314.3	0.4527
0.32	3.84	0.7426	333.3	0.4799
0.33	3.96	0.7858	352.7	0.5079
0.34	4.08	0.8302	372.6	0.5365
0.35	4.20	0.8757	393.0	0.5659
0.36	4.32	0.9223	413.9	0.5961
0.37	4.44	0.9699	435.3	0.6269
0.38	4.56	1.019	457.2	0.6584
0.39	4.68	1.069	479.6	0.6906
0.40	4.80	1.120	502.5	0.7236
0.41	4.92	1.172	525.8	0.7572
0.42	5.04	1.225	549.6	0.7915
0.43	5.16	1.279	574.0	0.8265
0.44	5.28	1.334	598.8	0.8623
0.45	5.40	1.390	624.0	0.8987
0.46	5.52	1.448	649.8	0.9358
0.47	5.64	1.506	676.0	0.9735
0.48	5.76	1.566	702.7	1.012
0.49	5.88	1.626	729.9	1.051
0.50	6.00	1.688	757.5	1.091

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	1.751	785.7	1.131
0.52	6.24	1.814	814.2	1.173
0.53	6.36	1.879	843.3	1.214
0.54	6.48	1.945	872.8	1.257
0.55	6.60	2.011	902.8	1.300
0.56	6.72	2.079	933.2	1.344
0.57	6.84	2.148	964.1	1.388
0.58	6.96	2.218	995.4	1.433
0.59	7.08	2.289	1027	1.479
0.60	7.20	2.361	1060	1.526
0.61	7.32	2.434	1092	1.573
0.62	7.44	2.508	1125	1.621
0.63	7.56	2.582	1159	1.669
0.64	7.68	2.658	1193	1.718
0.65	7.80	2.735	1228	1.768
0.66	7.92	2.813	1263	1.818
0.67	8.04	2.892	1298	1.869
0.68	8.16	2.972	1334	1.921
0.69	8.28	3.053	1370	1.973
0.70	8.40	3.135	1407	2.026
0.71	8.52	3.218	1444	2.080
0.72	8.64	3.302	1482	2.134
0.73	8.76	3.387	1520	2.189
0.74	8.88	3.472	1558	2.244
0.75	9.00	3.559	1597	2.300
0.76	9.12	3.647	1637	2.357
0.77	9.24	3.736	1677	2.415
0.78	9.36	3.826	1717	2.473
0.79	9.48	3.916	1758	2.531
0.80	9.60	4.008	1799	2.590
0.81	9.72	4.101	1840	2.650
0.82	9.84	4.194	1882	2.711
0.83	9.96	4.289	1925	2.772
0.84	10.08	4.385	1968	2.834
0.85	10.20	4.481	2011	2.896
0.86	10.32	4.579	2055	2.959
0.87	10.44	4.677	2099	3.023
0.88	10.56	4.776	2144	3.087
0.89	10.68	4.877	2189	3.152
0.90	10.80	4.978	2234	3.217
0.91	10.92	5.080	2280	3.283
0.92	11.04	5.183	2326	3.350
0.93	11.16	5.288	2373	3.417
0.94	11.28	5.393	2420	3.485
0.95	11.40	5.499	2468	3.554
0.96	11.52	5.606	2516	3.623
0.97	11.64	5.714	2564	3.693
0.98	11.76	5.822	2613	3.763
0.99	11.88	5.932	2662	3.834
1.00	12.00	6.043	2712	3.906