TRACOM INC.

770.664.6513 (V)   770.664.6565 (F)

Discharge Table
For
Extra Large 60° V Trapezoidal Flume
Document: TRAP-XL60-D-T   Rev.: 0   Date: 5-1-01   By: Matt Kazmier

LEVEL		FLOW			LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD	FEET	INCHES	CFS	GPM	MGD
0.01	0.12				0.51	6.12	0.2645	118.7	0.1709
0.02	0.24				0.52	6.24	0.2780	124.7	0.1796
0.03	0.36	0.0002	0.0850	0.00012	0.53	6.36	0.2918	131.0	0.1886
0.04	0.48	0.0004	0.1780	0.00026	0.54	6.48	0.3061	137.4	0.1978
0.05	0.60	0.0007	0.3140	0.00045	0.55	6.60	0.3208	144.0	0.2073
0.06	0.72	0.0011	0.5010	0.0007	0.56	6.72	0.3359	150.8	0.2171
0.07	0.84	0.0017	0.7420	0.0011	0.57	6.84	0.3514	157.7	0.2271
0.08	0.96	0.0023	1.044	0.0015	0.58	6.96	0.3674	164.9	0.2375
0.09	1.08	0.0031	1.411	0.0020	0.59	7.08	0.3838	172.3	0.2481
0.10	1.20	0.0041	1.846	0.0027	0.60	7.20	0.4007	179.8	0.2590
0.11	1.32	0.0052	2.356	0.0034	0.61	7.32	0.4180	187.6	0.2701
0.12	1.44	0.0066	2.942	0.0042	0.62	7.44	0.4357	195.5	0.2816
0.13	1.56	0.0080	3.610	0.0052	0.63	7.56	0.4539	203.7	0.2933
0.14	1.68	0.0097	4.363	0.0063	0.64	7.68	0.4725	212.1	0.3054
0.15	1.80	0.0116	5.204	0.0075	0.65	7.80	0.4916	220.6	0.3177
0.16	1.92	0.0137	6.140	0.0088	0.66	7.92	0.5112	229.4	0.3304
0.17	2.04	0.0160	7.165	0.0103	0.67	8.04	0.5312	238.4	0.3433
0.18	2.16	0.0185	8.292	0.0119	0.68	8.16	0.5517	247.6	0.3566
0.19	2.28	0.0212	9.521	0.0137	0.69	8.28	0.5727	257.0	0.3701
0.20	2.40	0.0242	10.85	0.0156	0.70	8.40	0.5941	266.6	0.3840
0.21	2.52	0.0274	12.29	0.0177	0.71	8.52	0.6160	276.5	0.3981
0.22	2.64	0.0309	13.85	0.0199	0.72	8.64	0.6385	286.5	0.4126
0.23	2.76	0.0346	15.51	0.0223	0.73	8.76	0.6614	296.8	0.4274
0.24	2.88	0.0385	17.30	0.0249	0.74	8.88	0.6848	307.3	0.4426
0.25	3.00	0.0428	19.20	0.0276	0.75	9.00	0.7087	318.0	0.4580
0.26	3.12	0.0473	21.22	0.0306	0.76	9.12	0.7331	329.0	0.4738
0.27	3.24	0.0521	23.37	0.0337	0.77	9.24	0.7580	340.2	0.4899
0.28	3.36	0.0571	25.65	0.0369	0.78	9.36	0.7834	351.6	0.5063
0.29	3.48	0.0625	28.05	0.0404	0.79	9.48	0.8093	363.2	0.5230
0.30	3.60	0.0682	30.59	0.0441	0.80	9.60	0.8357	375.1	0.5401
0.31	3.72	0.0741	33.26	0.0479	0.81	9.72	0.8627	387.2	0.5575
0.32	3.84	0.0804	36.08	0.0520	0.82	9.84	0.8902	399.5	0.5753
0.33	3.96	0.0870	39.03	0.0562	0.83	9.96	0.9182	412.1	0.5934
0.34	4.08	0.0939	42.12	0.0607	0.84	10.08	0.9467	424.9	0.6118
0.35	4.20	0.1011	45.36	0.0653	0.85	10.20	0.9758	437.9	0.6306
0.36	4.32	0.1086	48.74	0.0702	0.86	10.32	1.005	451.2	0.6498
0.37	4.44	0.1165	52.28	0.0753	0.87	10.44	1.036	464.7	0.6692
0.38	4.56	0.1247	55.97	0.0806	0.88	10.56	1.066	478.5	0.6891
0.39	4.68	0.1333	59.81	0.0861	0.89	10.68	1.097	492.5	0.7093
0.40	4.80	0.1422	63.81	0.0919	0.90	10.80	1.129	506.8	0.7298
0.41	4.92	0.1514	67.96	0.0979	0.91	10.92	1.162	521.3	0.7507
0.42	5.04	0.1610	72.28	0.1041	0.92	11.04	1.194	536.1	0.7720
0.43	5.16	0.1710	76.76	0.1105	0.93	11.16	1.228	551.1	0.7936
0.44	5.28	0.1814	81.40	0.1172	0.94	11.28	1.262	566.4	0.8156
0.45	5.40	0.1921	86.21	0.1242	0.95	11.40	1.297	581.9	0.8379
0.46	5.52	0.2032	91.19	0.1313	0.96	11.52	1.332	597.7	0.8607
0.47	5.64	0.2147	96.35	0.1387	0.97	11.64	1.367	613.7	0.8838
0.48	5.76	0.2265	101.7	0.1464	0.98	11.76	1.404	630.0	0.9072
0.49	5.88	0.2388	107.2	0.1543	0.99	11.88	1.441	646.6	0.9311
0.50	6.00	0.2514	112.8	0.1625	1.00	12.00	1.478	663.4	0.9553

Source: "Development of Theoretical Rating Curves for Standardized Extra Large 60° V Trapezoidal Flumes," TRACOM, Inc.