



Discharge Table For 3.0' H Flume

770.664.6513 (V) 770.664.6565 (F)

Document: H30-D-T Rev.: 0 Date: May 2, 2000 By: Jon Wachter

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.01	0.12			
0.02	0.24	0.0021	0.94	0.001
0.03	0.36	0.0045	2.02	0.003
0.04	0.48	0.0073	3.28	0.005
0.05	0.60	0.0105	4.71	0.007
0.06	0.72	0.0143	6.42	0.009
0.07	0.84	0.0186	8.35	0.012
0.08	0.96	0.0234	10.50	0.015
0.09	1.08	0.0288	12.93	0.019
0.10	1.20	0.0347	15.57	0.022
0.11	1.32	0.0407	18.3	0.026
0.12	1.44	0.0471	21.1	0.030
0.13	1.56	0.0538	24.1	0.035
0.14	1.68	0.0610	27.4	0.039
0.15	1.80	0.0686	30.8	0.044
0.16	1.92	0.0766	34.4	0.050
0.17	2.04	0.0851	38.2	0.055
0.18	2.16	0.0939	42.1	0.061
0.19	2.28	0.1032	46.3	0.067
0.20	2.40	0.113	50.7	0.073
0.21	2.52	0.123	55.2	0.079
0.22	2.64	0.134	60.1	0.087
0.23	2.76	0.145	65.1	0.094
0.24	2.88	0.156	70.0	0.101
0.25	3.00	0.168	75.4	0.109
0.26	3.12	0.180	80.8	0.116
0.27	3.24	0.193	86.6	0.125
0.28	3.36	0.207	92.9	0.134
0.29	3.48	0.220	98.7	0.142
0.30	3.60	0.234	105.0	0.151
0.31	3.72	0.249	111.8	0.161
0.32	3.84	0.264	118.5	0.171
0.33	3.96	0.280	125.7	0.181
0.34	4.08	0.296	132.8	0.191
0.35	4.20	0.312	140.0	0.202
0.36	4.32	0.329	147.7	0.213
0.37	4.44	0.347	155.7	0.224
0.38	4.56	0.365	163.8	0.236
0.39	4.68	0.383	171.9	0.248
0.40	4.80	0.402	180.4	0.260
0.41	4.92	0.421	188.9	0.272
0.42	5.04	0.441	197.9	0.285
0.43	5.16	0.462	207.3	0.299
0.44	5.28	0.483	216.8	0.312
0.45	5.40	0.504	226.2	0.326
0.46	5.52	0.526	236.1	0.340
0.47	5.64	0.549	246.4	0.355
0.48	5.76	0.572	256.7	0.370
0.49	5.88	0.596	267.5	0.385
0.50	6.00	0.620	278.3	0.401

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	0.644	289.0	0.416
0.52	6.24	0.669	300.2	0.432
0.53	6.36	0.695	311.9	0.449
0.54	6.48	0.721	323.6	0.466
0.55	6.60	0.748	335.7	0.483
0.56	6.72	0.775	347.8	0.501
0.57	6.84	0.803	360.4	0.519
0.58	6.96	0.832	373.4	0.538
0.59	7.08	0.861	386.4	0.556
0.60	7.20	0.890	399.4	0.575
0.61	7.32	0.920	412.9	0.595
0.62	7.44	0.951	426.8	0.615
0.63	7.56	0.982	440.7	0.635
0.64	7.68	1.014	455.1	0.655
0.65	7.80	1.047	469.9	0.677
0.66	7.92	1.080	484.7	0.698
0.67	8.04	1.113	499.5	0.719
0.68	8.16	1.147	514.8	0.741
0.69	8.28	1.182	530.5	0.764
0.70	8.40	1.22	547.5	0.788
0.71	8.52	1.25	561.0	0.808
0.72	8.64	1.29	579.0	0.834
0.73	8.76	1.33	596.9	0.860
0.74	8.88	1.36	610.4	0.879
0.75	9.00	1.40	628.3	0.905
0.76	9.12	1.44	646.3	0.931
0.77	9.24	1.48	664.2	0.957
0.78	9.36	1.52	682.2	0.982
0.79	9.48	1.56	700.1	1.008
0.80	9.60	1.60	718.1	1.034
0.81	9.72	1.65	740.5	1.066
0.82	9.84	1.69	758.5	1.092
0.83	9.96	1.73	776.4	1.118
0.84	10.08	1.78	798.9	1.150
0.85	10.20	1.82	816.8	1.176
0.86	10.32	1.86	834.8	1.202
0.87	10.44	1.91	857.2	1.234
0.88	10.56	1.96	879.6	1.267
0.89	10.68	2.00	897.6	1.293
0.90	10.80	2.05	920.0	1.325
0.91	10.92	2.10	942.5	1.357
0.92	11.04	2.15	964.9	1.390
0.93	11.16	2.20	987.4	1.422
0.94	11.28	2.25	1009.8	1.454
0.95	11.40	2.30	1032.2	1.486
0.96	11.52	2.35	1054.7	1.519
0.97	11.64	2.41	1081.6	1.558
0.98	11.76	2.46	1104.0	1.590
0.99	11.88	2.51	1126.5	1.622
1.00	12.00	2.57	1153.4	1.661



Discharge Table For 3.0' H Flume

770.664.6513 (V) 770.664.6565 (F)

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.01	12.12	2.62	1175.9	1.693
1.02	12.24	2.68	1202.8	1.732
1.03	12.36	2.73	1225.2	1.764
1.04	12.48	2.79	1252.2	1.803
1.05	12.60	2.85	1279.1	1.842
1.06	12.72	2.91	1306.0	1.881
1.07	12.84	2.97	1332.9	1.920
1.08	12.96	3.03	1359.9	1.958
1.09	13.08	3.09	1386.8	1.997
1.10	13.20	3.15	1413.7	2.036
1.11	13.32	3.21	1440.6	2.075
1.12	13.44	3.27	1467.6	2.113
1.13	13.56	3.34	1499.0	2.159
1.14	13.68	3.40	1525.9	2.197
1.15	13.80	3.46	1552.8	2.236
1.16	13.92	3.53	1584.3	2.281
1.17	14.04	3.60	1615.7	2.327
1.18	14.16	3.66	1642.6	2.365
1.19	14.28	3.73	1674.0	2.411
1.20	14.40	3.80	1705.4	2.456
1.21	14.52	3.87	1736.9	2.501
1.22	14.64	3.94	1768.3	2.546
1.23	14.76	4.01	1799.7	2.592
1.24	14.88	4.08	1831.1	2.637
1.25	15.00	4.15	1862.5	2.682
1.26	15.12	4.23	1898.4	2.734
1.27	15.24	4.30	1929.8	2.779
1.28	15.36	4.37	1961.3	2.824
1.29	15.48	4.45	1997.2	2.876
1.30	15.60	4.53	2033.1	2.928
1.31	15.72	4.60	2064.5	2.973
1.32	15.84	4.68	2100.4	3.025
1.33	15.96	4.76	2136.3	3.076
1.34	16.08	4.84	2172.2	3.128
1.35	16.20	4.92	2208.1	3.180
1.36	16.32	5.00	2244.0	3.232
1.37	16.44	5.08	2279.9	3.283
1.38	16.56	5.16	2315.8	3.335
1.39	16.68	5.24	2351.7	3.387
1.40	16.80	5.33	2392.1	3.445
1.41	16.92	5.41	2428.0	3.496
1.42	17.04	5.50	2468.4	3.555
1.43	17.16	5.58	2504.3	3.606
1.44	17.28	5.67	2544.7	3.665
1.45	17.40	5.76	2585.1	3.723
1.46	17.52	5.84	2621.0	3.774
1.47	17.64	5.93	2661.4	3.833
1.48	17.76	6.02	2701.8	3.891
1.49	17.88	6.11	2742.2	3.949
1.50	18.00	6.20	2782.6	4.007

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.51	18.12	6.30	2827.4	4.072
1.52	18.24	6.39	2867.8	4.130
1.53	18.36	6.48	2908.2	4.188
1.54	18.48	6.58	2953.1	4.253
1.55	18.60	6.67	2993.5	4.311
1.56	18.72	6.77	3038.4	4.375
1.57	18.84	6.87	3083.3	4.440
1.58	18.96	6.96	3123.6	4.498
1.59	19.08	7.06	3168.5	4.563
1.60	19.20	7.16	3213.4	4.628
1.61	19.32	7.26	3258.3	4.692
1.62	19.44	7.36	3303.2	4.757
1.63	19.56	7.47	3352.5	4.828
1.64	19.68	7.57	3397.4	4.892
1.65	19.80	7.67	3442.3	4.957
1.66	19.92	7.78	3491.7	5.028
1.67	20.04	7.88	3536.5	5.093
1.68	20.16	7.99	3585.9	5.164
1.69	20.28	8.10	3635.3	5.235
1.70	20.40	8.20	3680.2	5.300
1.71	20.52	8.31	3729.5	5.371
1.72	20.64	8.42	3778.9	5.442
1.73	20.76	8.53	3828.3	5.513
1.74	20.88	8.64	3877.6	5.584
1.75	21.00	8.75	3927.0	5.655
1.76	21.12	8.87	3980.9	5.733
1.77	21.24	8.98	4030.2	5.804
1.78	21.36	9.10	4084.1	5.881
1.79	21.48	9.21	4133.4	5.952
1.80	21.60	9.33	4187.3	6.030
1.81	21.72	9.45	4241.2	6.108
1.82	21.84	9.56	4290.5	6.179
1.83	21.96	9.68	4344.4	6.256
1.84	22.08	9.80	4398.2	6.334
1.85	22.20	9.92	4452.1	6.411
1.86	22.32	10.05	4510.4	6.495
1.87	22.44	10.17	4564.3	6.573
1.88	22.56	10.29	4618.2	6.650
1.89	22.68	10.41	4672.0	6.728
1.90	22.80	10.5	4712.4	6.786
1.91	22.92	10.7	4802.2	6.915
1.92	23.04	10.8	4847.0	6.980
1.93	23.16	10.9	4891.9	7.045
1.94	23.28	11.0	4936.8	7.109
1.95	23.40	11.2	5026.6	7.239
1.96	23.52	11.3	5071.4	7.303
1.97	23.64	11.4	5116.3	7.368
1.98	23.76	11.6	5206.1	7.497
1.99	23.88	11.7	5251.0	7.562
2.00	24.00	11.9	5340.7	7.691



Discharge Table For 3.0' H Flume

770.664.6513 (V) 770.664.6565 (F)

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
2.01	24.12	12.0	5385.6	7.756
2.02	24.24	12.1	5430.5	7.820
2.03	24.36	12.3	5520.2	7.949
2.04	24.48	12.4	5565.1	8.014
2.05	24.60	12.6	5654.9	8.143
2.06	24.72	12.7	5699.8	8.208
2.07	24.84	12.8	5744.6	8.273
2.08	24.96	13.0	5834.4	8.402
2.09	25.08	13.1	5879.3	8.467
2.10	25.20	13.3	5969.0	8.596
2.11	25.32	13.4	6013.9	8.660
2.12	25.44	13.6	6103.7	8.790
2.13	25.56	13.7	6148.6	8.854
2.14	25.68	13.9	6238.3	8.984
2.15	25.80	14.0	6283.2	9.048
2.16	25.92	14.2	6373.0	9.177
2.17	26.04	14.3	6417.8	9.242
2.18	26.16	14.5	6507.6	9.371
2.19	26.28	14.6	6552.5	9.436
2.20	26.40	14.8	6642.2	9.565
2.21	26.52	14.9	6687.1	9.630
2.22	26.64	15.1	6776.9	9.759
2.23	26.76	15.3	6866.6	9.888
2.24	26.88	15.4	6911.5	9.953
2.25	27.00	15.6	7001.3	10.082
2.26	27.12	15.7	7046.2	10.147
2.27	27.24	15.9	7135.9	10.276
2.28	27.36	16.1	7225.7	10.405
2.29	27.48	16.2	7270.6	10.470
2.30	27.60	16.4	7360.3	10.599
2.31	27.72	16.6	7450.1	10.729
2.32	27.84	16.7	7495.0	10.793
2.33	27.96	16.9	7584.7	10.922
2.34	28.08	17.1	7674.5	11.052
2.35	28.20	17.2	7719.4	11.116
2.36	28.32	17.4	7809.1	11.246
2.37	28.44	17.6	7898.9	11.375
2.38	28.56	17.8	7988.6	11.504
2.39	28.68	17.9	8033.5	11.569
2.40	28.80	18.1	8123.3	11.698
2.41	28.92	18.3	8213.0	11.827
2.42	29.04	18.5	8302.8	11.957
2.43	29.16	18.7	8392.6	12.086
2.44	29.28	18.8	8437.4	12.150
2.45	29.40	19.0	8527.2	12.280
2.46	29.52	19.2	8617.0	12.409
2.47	29.64	19.4	8706.7	12.538
2.48	29.76	19.6	8796.5	12.667
2.49	29.88	19.8	8886.2	12.797
2.50	30.00	19.9	8931.1	12.861

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
2.51	30.12	20.1	9020.9	12.991
2.52	30.24	20.3	9110.6	13.120
2.53	30.36	20.5	9200.4	13.249
2.54	30.48	20.7	9290.2	13.378
2.55	30.60	20.9	9379.9	13.508
2.56	30.72	21.1	9469.7	13.637
2.57	30.84	21.3	9559.4	13.766
2.58	30.96	21.5	9649.2	13.895
2.59	31.08	21.7	9739.0	14.025
2.60	31.20	21.9	9828.7	14.154
2.61	31.32	22.1	9918.5	14.283
2.62	31.44	22.3	10008.2	14.412
2.63	31.56	22.5	10098.0	14.542
2.64	31.68	22.7	10187.8	14.671
2.65	31.80	22.9	10277.5	14.800
2.66	31.92	23.1	10367.3	14.930
2.67	32.04	23.3	10457.0	15.059
2.68	32.16	23.5	10546.8	15.188
2.69	32.28	23.7	10636.6	15.317
2.70	32.40	23.9	10726.3	15.447
2.71	32.52	24.1	10816.1	15.576
2.72	32.64	24.3	10905.8	15.705
2.73	32.76	24.5	10995.6	15.834
2.74	32.88	24.7	11085.4	15.964
2.75	33.00	24.9	11175.1	16.093
2.76	33.12	25.2	11309.8	16.287
2.77	33.24	25.4	11399.5	16.416
2.78	33.36	25.6	11489.3	16.545
2.79	33.48	25.8	11579.0	16.675
2.80	33.60	26.0	11668.8	16.804
2.81	33.72	26.2	11758.6	16.933
2.82	33.84	26.5	11893.2	17.127
2.83	33.96	26.7	11983.0	17.256
2.84	34.08	26.9	12072.7	17.385
2.85	34.20	27.1	12162.5	17.515
2.86	34.32	27.4	12297.1	17.709
2.87	34.44	27.6	12386.9	17.838
2.88	34.56	27.8	12476.6	17.967
2.89	34.68	28.0	12566.4	18.096
2.90	34.80	28.3	12701.0	18.290
2.91	34.92	28.5	12790.8	18.420
2.92	35.04	28.7	12880.6	18.549
2.93	35.16	28.9	12970.3	18.678
2.94	35.28	29.2	13105.0	18.872
2.95	35.40	29.4	13194.7	19.001
2.96	35.52	29.7	13329.4	19.195
2.97	35.64	29.9	13419.1	19.324
2.98	35.76	30.1	13508.9	19.454
2.99	35.88	30.4	13643.5	19.648