



Discharge Table For 4.0' HL Flume

770.664.6513 (V) 770.664.6565 (F)

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LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.01	0.12			
0.02	0.24	0.005	2.24	0.003
0.03	0.36	0.012	5.39	0.008
0.04	0.48	0.200	89.76	0.129
0.05	0.60	0.029	13.02	0.019
0.06	0.72	0.039	17.50	0.025
0.07	0.84	0.050	22.44	0.032
0.08	0.96	0.062	27.83	0.040
0.09	1.08	0.075	33.66	0.048
0.10	1.20	0.089	39.94	0.058
0.11	1.32	0.103	46.2	0.067
0.12	1.44	0.119	53.4	0.077
0.13	1.56	0.135	60.6	0.087
0.14	1.68	0.152	68.2	0.098
0.15	1.80	0.170	76.3	0.110
0.16	1.92	0.190	85.3	0.123
0.17	2.04	0.211	94.7	0.136
0.18	2.16	0.232	104.1	0.150
0.19	2.28	0.255	114.4	0.165
0.20	2.40	0.278	124.8	0.180
0.21	2.52	0.302	135.5	0.195
0.22	2.64	0.327	146.8	0.211
0.23	2.76	0.352	158.0	0.227
0.24	2.88	0.378	169.6	0.244
0.25	3.00	0.405	181.8	0.262
0.26	3.12	0.434	194.8	0.280
0.27	3.24	0.465	208.7	0.301
0.28	3.36	0.497	223.1	0.321
0.29	3.48	0.530	237.9	0.343
0.30	3.60	0.565	253.6	0.365
0.31	3.72	0.600	269.3	0.388
0.32	3.84	0.635	285.0	0.410
0.33	3.96	0.670	300.7	0.433
0.34	4.08	0.705	316.4	0.456
0.35	4.20	0.740	332.1	0.478
0.36	4.32	0.780	350.1	0.504
0.37	4.44	0.820	368.0	0.530
0.38	4.56	0.860	386.0	0.556
0.39	4.68	0.900	403.9	0.582
0.40	4.80	0.940	421.9	0.608
0.41	4.92	0.982	440.7	0.635
0.42	5.04	1.03	462.3	0.666
0.43	5.16	1.08	484.7	0.698
0.44	5.28	1.12	502.7	0.724
0.45	5.40	1.17	525.1	0.756
0.46	5.52	1.22	547.5	0.788
0.47	5.64	1.27	570.0	0.821
0.48	5.76	1.32	592.4	0.853
0.49	5.88	1.37	614.9	0.885
0.50	6.00	1.42	637.3	0.918

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	1.480	664.2	0.957
0.52	6.24	1.530	686.7	0.989
0.53	6.36	1.590	713.6	1.028
0.54	6.48	1.640	736.0	1.060
0.55	6.60	1.700	763.0	1.099
0.56	6.72	1.769	793.9	1.143
0.57	6.84	1.820	816.8	1.176
0.58	6.96	1.880	843.7	1.215
0.59	7.08	1.940	870.7	1.254
0.60	7.20	2.01	902.1	1.299
0.61	7.32	2.07	929.0	1.338
0.62	7.44	2.14	960.4	1.383
0.63	7.56	2.21	991.8	1.428
0.64	7.68	2.28	1023.3	1.474
0.65	7.80	2.35	1054.7	1.519
0.66	7.92	2.42	1086.1	1.564
0.67	8.04	2.49	1117.5	1.609
0.68	8.16	2.56	1148.9	1.655
0.69	8.28	2.64	1184.8	1.706
0.70	8.40	2.71	1216.2	1.751
0.71	8.52	2.79	1252.2	1.803
0.72	8.64	2.87	1288.1	1.855
0.73	8.76	2.95	1324.0	1.907
0.74	8.88	3.03	1359.9	1.958
0.75	9.00	3.11	1395.8	2.010
0.76	9.12	3.19	1431.7	2.062
0.77	9.24	3.28	1472.1	2.120
0.78	9.36	3.36	1508.0	2.172
0.79	9.48	3.44	1543.9	2.223
0.80	9.60	3.53	1584.3	2.281
0.81	9.72	3.61	1620.2	2.333
0.82	9.84	3.70	1660.6	2.391
0.83	9.96	3.79	1701.0	2.449
0.84	10.08	3.88	1741.3	2.508
0.85	10.20	3.98	1786.2	2.572
0.86	10.32	4.08	1831.1	2.637
0.87	10.44	4.18	1876.0	2.702
0.88	10.56	4.28	1920.9	2.766
0.89	10.68	4.38	1965.7	2.831
0.90	10.80	4.48	2010.6	2.895
0.91	10.92	4.58	2055.5	2.960
0.92	11.04	4.68	2100.4	3.025
0.93	11.16	4.79	2149.8	3.096
0.94	11.28	4.90	2199.1	3.167
0.95	11.40	5.01	2248.5	3.238
0.96	11.52	5.12	2297.9	3.309
0.97	11.64	5.23	2347.2	3.380
0.98	11.76	5.34	2396.6	3.451
0.99	11.88	5.45	2446.0	3.522
1.00	12.00	5.56	2495.3	3.593



Discharge Table For 4.0' HL Flume

770.664.6513 (V) 770.664.6565 (F)

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.01	12.12	5.68	2549.2	3.671
1.02	12.24	5.80	2603.0	3.749
1.03	12.36	5.92	2656.9	3.826
1.04	12.48	6.04	2710.8	3.904
1.05	12.60	6.16	2764.6	3.981
1.06	12.72	6.28	2818.5	4.059
1.07	12.84	6.40	2872.3	4.136
1.08	12.96	6.52	2926.2	4.214
1.09	13.08	6.64	2980.0	4.291
1.10	13.20	6.76	3033.9	4.369
1.11	13.32	6.89	3092.2	4.453
1.12	13.44	7.02	3150.6	4.537
1.13	13.56	7.15	3208.9	4.621
1.14	13.68	7.28	3267.3	4.705
1.15	13.80	7.41	3325.6	4.789
1.16	13.92	7.54	3384.0	4.873
1.17	14.04	7.67	3442.3	4.957
1.18	14.16	7.80	3500.6	5.041
1.19	14.28	7.93	3559.0	5.125
1.20	14.40	8.06	3617.3	5.209
1.21	14.52	8.20	3680.2	5.300
1.22	14.64	8.35	3747.5	5.397
1.23	14.76	8.50	3814.8	5.494
1.24	14.88	8.65	3882.1	5.590
1.25	15.00	8.80	3949.4	5.687
1.26	15.12	8.95	4016.8	5.784
1.27	15.24	9.10	4084.1	5.881
1.28	15.36	9.25	4151.4	5.978
1.29	15.48	9.40	4218.7	6.075
1.30	15.60	9.55	4286.0	6.172
1.31	15.72	9.70	4353.4	6.269
1.32	15.84	9.90	4443.1	6.398
1.33	15.96	10.1	4532.9	6.528
1.34	16.08	10.2	4577.8	6.592
1.35	16.20	10.4	4667.5	6.722
1.36	16.32	10.5	4712.4	6.786
1.37	16.44	10.7	4802.2	6.915
1.38	16.56	10.8	4847.0	6.980
1.39	16.68	11.0	4936.8	7.109
1.40	16.80	11.2	5026.6	7.239
1.41	16.92	11.4	5116.3	7.368
1.42	17.04	11.6	5206.1	7.497
1.43	17.16	11.7	5251.0	7.562
1.44	17.28	11.9	5340.7	7.691
1.45	17.40	12.1	5430.5	7.820
1.46	17.52	12.3	5520.2	7.949
1.47	17.64	12.4	5565.1	8.014
1.48	17.76	12.6	5654.9	8.143
1.49	17.88	12.8	5744.6	8.273
1.50	18.00	13.0	5834.4	8.402

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.51	18.12	13.20	5924.2	8.531
1.52	18.24	13.30	5969.0	8.596
1.53	18.36	13.50	6058.8	8.725
1.54	18.48	13.70	6148.6	8.854
1.55	18.60	13.90	6238.3	8.984
1.56	18.72	14.10	6328.1	9.113
1.57	18.84	14.30	6417.8	9.242
1.58	18.96	14.50	6507.6	9.371
1.59	19.08	14.70	6597.4	9.501
1.60	19.20	14.90	6687.1	9.630
1.61	19.32	15.10	6776.9	9.759
1.62	19.44	15.30	6866.6	9.888
1.63	19.56	15.50	6956.4	10.018
1.64	19.68	15.70	7046.2	10.147
1.65	19.80	15.90	7135.9	10.276
1.66	19.92	16.20	7270.6	10.470
1.67	20.04	16.40	7360.3	10.599
1.68	20.16	16.60	7450.1	10.729
1.69	20.28	16.80	7539.8	10.858
1.70	20.40	17.00	7629.6	10.987
1.71	20.52	17.20	7719.4	11.116
1.72	20.64	17.40	7809.1	11.246
1.73	20.76	17.60	7898.9	11.375
1.74	20.88	17.80	7988.6	11.504
1.75	21.00	18.10	8123.3	11.698
1.76	21.12	18.30	8213.0	11.827
1.77	21.24	18.5	8302.8	11.957
1.78	21.36	18.7	8392.6	12.086
1.79	21.48	19.0	8527.2	12.280
1.80	21.60	19.2	8617.0	12.409
1.81	21.72	19.4	8706.7	12.538
1.82	21.84	19.7	8841.4	12.732
1.83	21.96	19.9	8931.1	12.861
1.84	22.08	20.2	9065.8	13.055
1.85	22.20	20.4	9155.5	13.185
1.86	22.32	20.6	9245.3	13.314
1.87	22.44	20.9	9379.9	13.508
1.88	22.56	21.2	9514.6	13.702
1.89	22.68	21.4	9604.3	13.831
1.90	22.80	21.7	9739.0	14.025
1.91	22.92	21.9	9828.7	14.154
1.92	23.04	22.1	9918.5	14.283
1.93	23.16	22.4	10053.1	14.477
1.94	23.28	22.7	10187.8	14.671
1.95	23.40	23.0	10322.4	14.865
1.96	23.52	23.2	10412.2	14.994
1.97	23.64	23.4	10501.9	15.123
1.98	23.76	23.7	10636.6	15.317
1.99	23.88	24.0	10771.2	15.511
2.00	24.00	24.3	10905.8	15.705



Discharge Table For 4.0' HL Flume

770.664.6513 (V) 770.664.6565 (F)

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
2.01	24.12	24.5	10995.60	15.834
2.02	24.24	24.8	11130.24	16.028
2.03	24.36	25.0	11220.00	16.158
2.04	24.48	25.3	11354.64	16.351
2.05	24.60	25.6	11489.28	16.545
2.06	24.72	25.8	11579.04	16.675
2.07	24.84	26.1	11713.68	16.868
2.08	24.96	26.4	11848.32	17.062
2.09	25.08	26.7	11982.96	17.256
2.10	25.20	27.0	12117.60	17.450
2.11	25.32	27.3	12252.2	17.644
2.12	25.44	27.6	12386.9	17.838
2.13	25.56	27.9	12521.5	18.032
2.14	25.68	28.2	12656.2	18.226
2.15	25.80	28.5	12790.8	18.420
2.16	25.92	28.8	12925.4	18.613
2.17	26.04	29.1	13060.1	18.807
2.18	26.16	29.4	13194.7	19.001
2.19	26.28	29.7	13329.4	19.195
2.20	26.40	30.0	13464.0	19.389
2.21	26.52	30.3	13598.6	19.583
2.22	26.64	30.6	13733.3	19.777
2.23	26.76	30.9	13867.9	19.971
2.24	26.88	31.2	14002.6	20.165
2.25	27.00	31.5	14137.2	20.358
2.26	27.12	31.9	14316.7	20.617
2.27	27.24	32.2	14451.4	20.811
2.28	27.36	32.5	14586.0	21.005
2.29	27.48	32.8	14720.6	21.199
2.30	27.60	33.1	14855.3	21.393
2.31	27.72	33.5	15034.8	21.651
2.32	27.84	33.8	15169.4	21.845
2.33	27.96	34.1	15304.1	22.039
2.34	28.08	34.5	15483.6	22.297
2.35	28.20	34.8	15618.2	22.491
2.36	28.32	35.1	15752.9	22.685
2.37	28.44	35.4	15887.5	22.879
2.38	28.56	35.8	16067.0	23.138
2.39	28.68	36.1	16201.7	23.331
2.40	28.80	36.5	16381.2	23.590
2.41	28.92	36.8	16515.8	23.784
2.42	29.04	37.1	16650.5	23.978
2.43	29.16	37.4	16785.1	24.172
2.44	29.28	37.8	16964.6	24.430
2.45	29.40	38.2	17144.2	24.689
2.46	29.52	38.5	17278.8	24.883
2.47	29.64	38.8	17413.4	25.076
2.48	29.76	39.1	17548.1	25.270
2.49	29.88	39.5	17727.6	25.529
2.50	30.00	39.9	17907.1	25.787

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
2.51	30.12	40.3	18086.6	26.046
2.52	30.24	40.6	18221.3	26.240
2.53	30.36	41.0	18400.8	26.498
2.54	30.48	41.4	18580.3	26.757
2.55	30.60	41.7	18715.0	26.951
2.56	30.72	42.1	18894.5	27.209
2.57	30.84	42.4	19029.1	27.403
2.58	30.96	42.8	19208.6	27.662
2.59	31.08	43.2	19388.2	27.920
2.60	31.20	43.6	19567.7	28.179
2.61	31.32	43.9	19702.3	28.373
2.62	31.44	44.3	19881.8	28.631
2.63	31.56	44.7	20061.4	28.890
2.64	31.68	45.1	20240.9	29.148
2.65	31.80	45.5	20420.4	29.407
2.66	31.92	45.8	20555.0	29.601
2.67	32.04	46.2	20734.6	29.859
2.68	32.16	46.6	20914.1	30.118
2.69	32.28	47.1	21138.5	30.441
2.70	32.40	47.5	21318.0	30.699
2.71	32.52	47.9	21497.5	30.958
2.72	32.64	48.2	21632.2	31.152
2.73	32.76	48.6	21811.7	31.410
2.74	32.88	49.0	21991.2	31.669
2.75	33.00	49.4	22170.7	31.927
2.76	33.12	49.8	22350.2	32.186
2.77	33.24	50.2	22529.8	32.444
2.78	33.36	50.7	22754.2	32.767
2.79	33.48	51.1	22933.7	33.026
2.80	33.60	51.6	23158.1	33.349
2.81	33.72	52.0	23337.6	33.608
2.82	33.84	52.4	23517.1	33.866
2.83	33.96	52.8	23696.6	34.125
2.84	34.08	53.3	23921.0	34.448
2.85	34.20	53.7	24100.6	34.706
2.86	34.32	54.1	24280.1	34.965
2.87	34.44	54.5	24459.6	35.223
2.88	34.56	54.9	24639.1	35.482
2.89	34.68	55.4	24863.5	35.805
2.90	34.80	55.9	25087.9	36.128
2.91	34.92	56.3	25267.4	36.387
2.92	35.04	56.7	25447.0	36.645
2.93	35.16	57.2	25671.4	36.968
2.94	35.28	57.6	25850.9	37.227
2.95	35.40	58.1	26075.3	37.550
2.96	35.52	58.6	26299.7	37.873
2.97	35.64	59.1	26524.1	38.196
2.98	35.76	59.5	26703.6	38.455
2.99	35.88	59.9	26883.1	38.713
3.00	36.00	60.3	27062.6	38.972



Discharge Table For 4.0' HL Flume

770.664.6513 (V) 770.664.6565 (F)

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
3.01	36.12	60.8	27287.04	39.295
3.02	36.24	61.3	27511.44	39.618
3.03	36.36	61.8	27735.84	39.941
3.04	36.48	62.3	27960.24	40.264
3.05	36.60	62.8	28184.64	40.588
3.06	36.72	63.2	28364.16	40.846
3.07	36.84	63.7	28588.56	41.169
3.08	36.96	64.1	28768.08	41.428
3.09	37.08	64.6	28992.48	41.751
3.10	37.20	65.1	29216.88	42.074
3.11	37.32	65.6	29441.3	42.397
3.12	37.44	66.1	29665.7	42.720
3.13	37.56	66.6	29890.1	43.044
3.14	37.68	67.1	30114.5	43.367
3.15	37.80	67.5	30294.0	43.625
3.16	37.92	68.0	30518.4	43.948
3.17	38.04	68.5	30742.8	44.272
3.18	38.16	69.0	30967.2	44.595
3.19	38.28	69.5	31191.6	44.918
3.20	38.40	70.0	31416.0	45.241
3.21	38.52	70.5	31640.4	45.564
3.22	38.64	71.0	31864.8	45.887
3.23	38.76	71.5	32089.2	46.210
3.24	38.88	72.0	32313.6	46.534
3.25	39.00	72.5	32538.0	46.857
3.26	39.12	73.0	32762.4	47.180
3.27	39.24	73.5	32986.8	47.503
3.28	39.36	74.0	33211.2	47.826
3.29	39.48	74.5	33435.6	48.149
3.30	39.60	75.0	33660.0	48.473
3.31	39.72	75.5	33884.4	48.796
3.32	39.84	76.0	34108.8	49.119
3.33	39.96	76.5	34333.2	49.442
3.34	40.08	77.0	34557.6	49.765
3.35	40.20	77.6	34826.9	50.153
3.36	40.32	78.2	35096.2	50.541
3.37	40.44	78.7	35320.6	50.864
3.38	40.56	79.3	35589.8	51.252
3.39	40.68	79.9	35859.1	51.639
3.40	40.80	80.5	36128.4	52.027
3.41	40.92	80.9	36307.9	52.286
3.42	41.04	81.5	36577.2	52.673
3.43	41.16	82.0	36801.6	52.997
3.44	41.28	82.6	37070.9	53.384
3.45	41.40	83.1	37295.3	53.708
3.46	41.52	83.6	37519.7	54.031
3.47	41.64	84.2	37789.0	54.418
3.48	41.76	84.8	38058.2	54.806
3.49	41.88	85.3	38282.6	55.129
3.50	42.00	85.9	38551.9	55.517

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
3.51	42.12	86.5	38821.2	55.905
3.52	42.24	87.1	39090.5	56.293
3.53	42.36	87.7	39359.8	56.681
3.54	42.48	88.3	39629.0	57.068
3.55	42.60	88.9	39898.3	57.456
3.56	42.72	89.5	40167.6	57.844
3.57	42.84	90.1	40436.9	58.232
3.58	42.96	90.7	40706.2	58.619
3.59	43.08	91.3	40975.4	59.007
3.60	43.20	91.9	41244.7	59.395
3.61	43.32	92.5	41514.0	59.783
3.62	43.44	93.1	41783.3	60.171
3.63	43.56	93.7	42052.6	60.558
3.64	43.68	94.3	42321.8	60.946
3.65	43.80	94.9	42591.1	61.334
3.66	43.92	95.5	42860.4	61.722
3.67	44.04	96.1	43129.7	62.109
3.68	44.16	96.7	43399.0	62.497
3.69	44.28	97.4	43713.1	62.950
3.70	44.40	98.0	43982.4	63.337
3.71	44.52	98.6	44251.7	63.725
3.72	44.64	99.2	44521.0	64.113
3.73	44.76	99.8	44790.2	64.501
3.74	44.88	100.0	44880.0	64.630
3.75	45.00	101.0	45328.8	65.276
3.76	45.12	102.0	45777.6	65.923
3.77	45.24	102.5	46002.0	66.246
3.78	45.36	103.0	46226.4	66.569
3.79	45.48	104.0	46675.2	67.215
3.80	45.60	104.5	46899.6	67.538
3.81	45.72	105.0	47124.0	67.862
3.82	45.84	106.0	47572.8	68.508
3.83	45.96	106.5	47797.2	68.831
3.84	46.08	107.0	48021.6	69.154
3.85	46.20	107.5	48246.0	69.477
3.86	46.32	108.0	48470.4	69.800
3.87	46.44	109.0	48919.2	70.447
3.88	46.56	109.5	49143.6	70.770
3.89	46.68	110.0	49368.0	71.093
3.90	46.80	111.0	49816.8	71.739
3.91	46.92	111.5	50041.2	72.062
3.92	47.04	112.0	50265.6	72.386
3.93	47.16	113.0	50714.4	73.032
3.94	47.28	113.5	50938.8	73.355
3.95	47.40	114.0	51163.2	73.678
3.96	47.52	115.0	51612.0	74.325
3.97	47.64	115.5	51836.4	74.648
3.98	47.76	116.0	52060.8	74.971
3.99	47.88	116.5	52285.2	75.294
4.00	48.00	117.0	52509.6	75.617