



770.664.6513 (V) 770.664.6565 (F)

Discharge Table For 3.0' HL Flume

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LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.01	0.12			
0.02	0.24	0.006	2.60	0.004
0.03	0.36	0.011	4.72	0.007
0.04	0.48	0.016	7.30	0.011
0.05	0.60	0.023	10.3	0.015
0.06	0.72	0.031	13.7	0.020
0.07	0.84	0.039	17.5	0.025
0.08	0.96	0.048	21.6	0.031
0.09	1.08	0.058	26.2	0.038
0.10	1.20	0.069	31.1	0.045
0.11	1.32	0.081	36.3	0.052
0.12	1.44	0.093	41.9	0.060
0.13	1.56	0.107	47.9	0.069
0.14	1.68	0.121	54.2	0.078
0.15	1.80	0.136	60.9	0.088
0.16	1.92	0.151	68.0	0.098
0.17	2.04	0.168	75.4	0.109
0.18	2.16	0.185	83.2	0.120
0.19	2.28	0.203	91.3	0.131
0.20	2.40	0.222	99.8	0.144
0.21	2.52	0.242	108.7	0.157
0.22	2.64	0.263	118.0	0.170
0.23	2.76	0.284	127.6	0.184
0.24	2.88	0.307	137.6	0.198
0.25	3.00	0.330	148.0	0.213
0.26	3.12	0.354	158.8	0.229
0.27	3.24	0.379	169.9	0.245
0.28	3.36	0.404	181.5	0.261
0.29	3.48	0.431	193.4	0.278
0.30	3.60	0.458	205.7	0.296
0.31	3.72	0.487	218.4	0.315
0.32	3.84	0.516	231.5	0.333
0.33	3.96	0.546	245.1	0.353
0.34	4.08	0.577	259.0	0.373
0.35	4.20	0.609	273.3	0.394
0.36	4.32	0.642	288.1	0.415
0.37	4.44	0.676	303.2	0.437
0.38	4.56	0.710	318.8	0.459
0.39	4.68	0.746	334.8	0.482
0.40	4.80	0.782	351.2	0.506
0.41	4.92	0.820	368.0	0.530
0.42	5.04	0.858	385.2	0.555
0.43	5.16	0.898	402.9	0.580
0.44	5.28	0.938	421.0	0.606
0.45	5.40	0.979	439.6	0.633
0.46	5.52	1.02	458.6	0.660
0.47	5.64	1.07	478.0	0.688
0.48	5.76	1.11	497.9	0.717
0.49	5.88	1.15	518.2	0.746
0.50	6.00	1.20	538.9	0.776

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	1.25	560.2	0.807
0.52	6.24	1.30	581.8	0.838
0.53	6.36	1.35	604.0	0.870
0.54	6.48	1.40	626.5	0.902
0.55	6.60	1.45	649.6	0.935
0.56	6.72	1.50	673.1	0.969
0.57	6.84	1.55	697.1	1.004
0.58	6.96	1.61	721.5	1.039
0.59	7.08	1.66	746.4	1.075
0.60	7.20	1.72	771.8	1.111
0.61	7.32	1.78	797.7	1.149
0.62	7.44	1.84	824.1	1.187
0.63	7.56	1.90	850.9	1.225
0.64	7.68	1.96	878.2	1.265
0.65	7.80	2.02	906.0	1.305
0.66	7.92	2.08	934.3	1.345
0.67	8.04	2.15	963.1	1.387
0.68	8.16	2.21	992.4	1.429
0.69	8.28	2.28	1022	1.472
0.70	8.40	2.35	1052	1.516
0.71	8.52	2.41	1083	1.560
0.72	8.64	2.48	1115	1.605
0.73	8.76	2.55	1146	1.651
0.74	8.88	2.63	1179	1.697
0.75	9.00	2.70	1212	1.745
0.76	9.12	2.77	1245	1.793
0.77	9.24	2.85	1279	1.841
0.78	9.36	2.93	1313	1.891
0.79	9.48	3.00	1348	1.941
0.80	9.60	3.08	1383	1.992
0.81	9.72	3.16	1419	2.044
0.82	9.84	3.24	1456	2.097
0.83	9.96	3.33	1493	2.150
0.84	10.08	3.41	1530	2.204
0.85	10.20	3.50	1569	2.259
0.86	10.32	3.58	1607	2.315
0.87	10.44	3.67	1646	2.371
0.88	10.56	3.76	1686	2.428
0.89	10.68	3.85	1726	2.486
0.90	10.80	3.94	1767	2.545
0.91	10.92	4.03	1809	2.605
0.92	11.04	4.12	1851	2.665
0.93	11.16	4.22	1893	2.726
0.94	11.28	4.31	1936	2.788
0.95	11.40	4.41	1980	2.851
0.96	11.52	4.51	2024	2.914
0.97	11.64	4.61	2069	2.979
0.98	11.76	4.71	2114	3.044
0.99	11.88	4.81	2160	3.110
1.00	12.00	4.92	2206	3.177



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**Discharge Table
For
3.0' HL Flume**

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.01	12.12	5.02	2253	3.245
1.02	12.24	5.13	2301	3.313
1.03	12.36	5.23	2349	3.383
1.04	12.48	5.34	2398	3.453
1.05	12.60	5.45	2447	3.524
1.06	12.72	5.56	2497	3.596
1.07	12.84	5.68	2547	3.669
1.08	12.96	5.79	2599	3.742
1.09	13.08	5.91	2650	3.817
1.10	13.20	6.02	2703	3.892
1.11	13.32	6.14	2755	3.968
1.12	13.44	6.26	2809	4.045
1.13	13.56	6.38	2863	4.123
1.14	13.68	6.50	2918	4.202
1.15	13.80	6.62	2973	4.281
1.16	13.92	6.75	3029	4.362
1.17	14.04	6.87	3085	4.443
1.18	14.16	7.00	3143	4.525
1.19	14.28	7.13	3200	4.609
1.20	14.40	7.26	3259	4.693
1.21	14.52	7.39	3318	4.778
1.22	14.64	7.52	3377	4.863
1.23	14.76	7.66	3437	4.950
1.24	14.88	7.79	3498	5.038
1.25	15.00	7.93	3560	5.126
1.26	15.12	8.07	3622	5.216
1.27	15.24	8.21	3685	5.306
1.28	15.36	8.35	3748	5.397
1.29	15.48	8.49	3812	5.489
1.30	15.60	8.64	3876	5.582
1.31	15.72	8.78	3942	5.676
1.32	15.84	8.93	4008	5.771
1.33	15.96	9.08	4074	5.867
1.34	16.08	9.23	4141	5.964
1.35	16.20	9.38	4209	6.062
1.36	16.32	9.53	4278	6.160
1.37	16.44	9.69	4347	6.260
1.38	16.56	9.84	4417	6.360
1.39	16.68	10.0	4487	6.462
1.40	16.80	10.2	4558	6.564
1.41	16.92	10.3	4630	6.667
1.42	17.04	10.5	4702	6.772
1.43	17.16	10.6	4775	6.877
1.44	17.28	10.8	4849	6.983
1.45	17.40	11.0	4924	7.090
1.46	17.52	11.1	4999	7.198
1.47	17.64	11.3	5074	7.307
1.48	17.76	11.5	5151	7.418
1.49	17.88	11.6	5228	7.529
1.50	18.00	11.8	5306	7.641

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.51	18.12	12.0	5384	7.754
1.52	18.24	12.2	5463	7.867
1.53	18.36	12.4	5543	7.982
1.54	18.48	12.5	5624	8.098
1.55	18.60	12.7	5705	8.215
1.56	18.72	12.9	5787	8.333
1.57	18.84	13.1	5869	8.452
1.58	18.96	13.3	5952	8.572
1.59	19.08	13.5	6036	8.693
1.60	19.20	13.6	6121	8.815
1.61	19.32	13.8	6206	8.938
1.62	19.44	14.0	6292	9.061
1.63	19.56	14.2	6379	9.186
1.64	19.68	14.4	6467	9.312
1.65	19.80	14.6	6555	9.439
1.66	19.92	14.8	6644	9.567
1.67	20.04	15.0	6733	9.696
1.68	20.16	15.2	6823	9.826
1.69	20.28	15.4	6914	9.957
1.70	20.40	15.6	7006	10.09
1.71	20.52	15.8	7098	10.22
1.72	20.64	16.0	7192	10.36
1.73	20.76	16.2	7285	10.49
1.74	20.88	16.4	7380	10.63
1.75	21.00	16.7	7475	10.76
1.76	21.12	16.9	7571	10.90
1.77	21.24	17.1	7668	11.04
1.78	21.36	17.3	7765	11.18
1.79	21.48	17.5	7864	11.32
1.80	21.60	17.7	7963	11.47
1.81	21.72	18.0	8062	11.61
1.82	21.84	18.2	8163	11.75
1.83	21.96	18.4	8264	11.90
1.84	22.08	18.6	8366	12.05
1.85	22.20	18.9	8468	12.19
1.86	22.32	19.1	8572	12.34
1.87	22.44	19.3	8676	12.49
1.88	22.56	19.6	8781	12.64
1.89	22.68	19.8	8886	12.80
1.90	22.80	20.0	8992	12.95
1.91	22.92	20.3	9100	13.10
1.92	23.04	20.5	9207	13.26
1.93	23.16	20.8	9316	13.42
1.94	23.28	21.0	9425	13.57
1.95	23.40	21.2	9535	13.73
1.96	23.52	21.5	9646	13.89
1.97	23.64	21.7	9758	14.05
1.98	23.76	22.0	9870	14.21
1.99	23.88	22.2	9983	14.38
2.00	24.00	22.5	10097	14.54



**Discharge Table
For
3.0' HL Flume**

770.664.6513 (V) 770.664.6565 (F)

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
2.01	24.12	22.75	10212	14.71
2.02	24.24	23.01	10328	14.87
2.03	24.36	23.27	10444	15.04
2.04	24.48	23.53	10561	15.21
2.05	24.60	23.79	10679	15.38
2.06	24.72	24.06	10797	15.55
2.07	24.84	24.32	10916	15.72
2.08	24.96	24.59	11037	15.89
2.09	25.08	24.86	11157	16.07
2.10	25.20	25.13	11279	16.24
2.11	25.32	25.40	11402	16.42
2.12	25.44	25.68	11525	16.60
2.13	25.56	25.96	11649	16.78
2.14	25.68	26.23	11774	16.95
2.15	25.80	26.51	11899	17.14
2.16	25.92	26.80	12026	17.32
2.17	26.04	27.08	12153	17.50
2.18	26.16	27.36	12281	17.69
2.19	26.28	27.65	12410	17.87
2.20	26.40	27.94	12539	18.06
2.21	26.52	28.23	12670	18.25
2.22	26.64	28.52	12801	18.43
2.23	26.76	28.82	12933	18.62
2.24	26.88	29.11	13066	18.82
2.25	27.00	29.41	13199	19.01
2.26	27.12	29.71	13334	19.20
2.27	27.24	30.01	13469	19.40
2.28	27.36	30.31	13605	19.59
2.29	27.48	30.62	13742	19.79
2.30	27.60	30.93	13880	19.99
2.31	27.72	31.23	14018	20.19
2.32	27.84	31.55	14157	20.39
2.33	27.96	31.86	14298	20.59
2.34	28.08	32.17	14439	20.79
2.35	28.20	32.49	14580	21.00
2.36	28.32	32.81	14723	21.20
2.37	28.44	33.12	14866	21.41
2.38	28.56	33.45	15011	21.62
2.39	28.68	33.77	15156	21.83
2.40	28.80	34.09	15302	22.04
2.41	28.92	34.42	15448	22.25
2.42	29.04	34.75	15596	22.46
2.43	29.16	35.08	15744	22.67
2.44	29.28	35.41	15894	22.89
2.45	29.40	35.75	16044	23.10
2.46	29.52	36.08	16195	23.32
2.47	29.64	36.42	16347	23.54
2.48	29.76	36.76	16499	23.76
2.49	29.88	37.10	16653	23.98
2.50	30.00	37.45	16807	24.20

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
2.51	30.12	37.8	16962	24.43
2.52	30.24	38.1	17118	24.65
2.53	30.36	38.5	17275	24.88
2.54	30.48	38.8	17433	25.10
2.55	30.60	39.2	17591	25.33
2.56	30.72	39.6	17751	25.56
2.57	30.84	39.9	17911	25.79
2.58	30.96	40.3	18072	26.03
2.59	31.08	40.6	18234	26.26
2.60	31.20	41.0	18397	26.49
2.61	31.32	41.4	18561	26.73
2.62	31.44	41.7	18726	26.97
2.63	31.56	42.1	18891	27.20
2.64	31.68	42.5	19057	27.44
2.65	31.80	42.8	19225	27.68
2.66	31.92	43.2	19393	27.93
2.67	32.04	43.6	19562	28.17
2.68	32.16	44.0	19731	28.41
2.69	32.28	44.3	19902	28.66
2.70	32.40	44.7	20074	28.91
2.71	32.52	45.1	20246	29.16
2.72	32.64	45.5	20420	29.41
2.73	32.76	45.9	20594	29.66
2.74	32.88	46.3	20769	29.91
2.75	33.00	46.7	20945	30.16
2.76	33.12	47.1	21122	30.42
2.77	33.24	47.5	21300	30.67
2.78	33.36	47.9	21478	30.93
2.79	33.48	48.3	21658	31.19
2.80	33.60	48.7	21838	31.45
2.81	33.72	49.1	22020	31.71
2.82	33.84	49.5	22202	31.97
2.83	33.96	49.9	22385	32.24
2.84	34.08	50.3	22569	32.50
2.85	34.20	50.7	22754	32.77
2.86	34.32	51.1	22940	33.03
2.87	34.44	51.5	23126	33.30
2.88	34.56	51.9	23314	33.57
2.89	34.68	52.4	23503	33.85
2.90	34.80	52.8	23692	34.12
2.91	34.92	53.2	23882	34.39
2.92	35.04	53.6	24074	34.67
2.93	35.16	54.1	24266	34.94
2.94	35.28	54.5	24459	35.22
2.95	35.40	54.9	24653	35.50
2.96	35.52	55.4	24848	35.78
2.97	35.64	55.8	25044	36.06
2.98	35.76	56.2	25240	36.35
2.99	35.88	56.7	25438	36.63
3.00	36.00	57.1	25637	36.92