



770.664.6513 (V) 770.664.6565 (F)

Discharge Table For 18" Palmer-Bowlus Flume

Document: PB18-D-T Rev.: 0 Date: March 20, 2000 By: Jon Wachter

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			
0.11	1.32			
0.12	1.44			
0.13	1.56			
0.14	1.68			
0.15	1.80			
0.16	1.92			
0.17	2.04			
0.18	2.16			
0.19	2.28			
0.20	2.40			
0.21	2.52			
0.22	2.64			
0.23	2.76			
0.24	2.88			
0.25	3.00			
0.26	3.12			
0.27	3.24			
0.28	3.36			
0.29	3.48			
0.30	3.60			
0.31	3.72			
0.32	3.84			
0.33	3.96			
0.34	4.08	0.533	239.4	0.345
0.35	4.20	0.564	253.0	0.364
0.36	4.32	0.595	267.1	0.385
0.37	4.44	0.627	281.5	0.405
0.38	4.56	0.660	296.2	0.427
0.39	4.68	0.694	311.3	0.448
0.40	4.80	0.728	326.8	0.471
0.41	4.92	0.763	342.7	0.493
0.42	5.04	0.800	358.8	0.517
0.43	5.16	0.836	375.4	0.541
0.44	5.28	0.874	392.3	0.565
0.45	5.40	0.913	409.6	0.590
0.46	5.52	0.952	427.2	0.615
0.47	5.64	0.992	445.2	0.641
0.48	5.76	1.033	463.5	0.667
0.49	5.88	1.074	482.2	0.694
0.50	6.00	1.117	501.2	0.722

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	1.16	520.6	0.750
0.52	6.24	1.20	540.3	0.778
0.53	6.36	1.25	560.4	0.807
0.54	6.48	1.29	580.9	0.836
0.55	6.60	1.34	601.7	0.866
0.56	6.72	1.39	622.8	0.897
0.57	6.84	1.44	644.3	0.928
0.58	6.96	1.48	666.1	0.959
0.59	7.08	1.53	688.3	0.991
0.60	7.20	1.58	710.8	1.024
0.61	7.32	1.63	733.7	1.057
0.62	7.44	1.69	756.9	1.090
0.63	7.56	1.74	780.5	1.124
0.64	7.68	1.79	804.4	1.158
0.65	7.80	1.85	828.7	1.193
0.66	7.92	1.90	853.3	1.229
0.67	8.04	1.96	878.2	1.265
0.68	8.16	2.01	903.5	1.301
0.69	8.28	2.07	929.2	1.338
0.70	8.40	2.13	955.1	1.375
0.71	8.52	2.19	981.5	1.413
0.72	8.64	2.25	1008	1.452
0.73	8.76	2.31	1035	1.491
0.74	8.88	2.37	1062	1.530
0.75	9.00	2.43	1090	1.570
0.76	9.12	2.49	1118	1.610
0.77	9.24	2.55	1147	1.651
0.78	9.36	2.62	1175	1.692
0.79	9.48	2.68	1204	1.734
0.80	9.60	2.75	1234	1.777
0.81	9.72	2.82	1263	1.819
0.82	9.84	2.88	1293	1.863
0.83	9.96	2.95	1324	1.906
0.84	10.08	3.02	1355	1.951
0.85	10.20	3.09	1386	1.995
0.86	10.32	3.16	1417	2.041
0.87	10.44	3.23	1449	2.086
0.88	10.56	3.30	1481	2.133
0.89	10.68	3.37	1513	2.179
0.90	10.80	3.44	1546	2.226
0.91	10.92	3.52	1579	2.274
0.92	11.04	3.59	1613	2.322
0.93	11.16	3.67	1646	2.371
0.94	11.28	3.74	1680	2.420
0.95	11.40	3.82	1715	2.470
0.96	11.52	3.90	1750	2.520
0.97	11.64	3.98	1785	2.570
0.98	11.76	4.06	1820	2.621
0.99	11.88	4.14	1856	2.673
1.00	12.00	4.22	1892	2.725



770.664.6513 (V) 770.664.6565 (F)

Discharge Table For 18" Palmer-Bowlus Flume

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.01	12.12	4.30	1928	2.777
1.02	12.24	4.38	1965	2.830
1.03	12.36	4.46	2002	2.883
1.04	12.48	4.54	2040	2.937
1.05	12.60	4.63	2077	2.992
1.06	12.72	4.71	2116	3.047
1.07	12.84	4.80	2154	3.102
1.08	12.96	4.89	2193	3.158
1.09	13.08	4.97	2232	3.214
1.10	13.20	5.06	2271	3.271