



## Discharge Table For 21" Palmer-Bowlus Flume

770.664.6513 (V) 770.664.6565 (F)

Document: PB21-D-T Rev.: 0 Date: 3-20-00 By: Matt Kazmier

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			
0.35	4.20			
0.36	4.32			
0.37	4.44			
0.38	4.56			
0.39	4.68			
0.40	4.80			
0.41	4.92			
0.42	5.04			
0.43	5.16			
0.44	5.28			
0.45	5.40			
0.46	5.52			
0.47	5.64			
0.48	5.76			
0.49	5.88			
0.50	6.00			
Best Results Within 0.23 D and 0.73 D				
0.40	4.80	0.7967	357.6	0.5149
0.41	4.92	0.8353	374.9	0.5399
0.42	5.04	0.8748	392.6	0.5654
0.43	5.16	0.9152	410.7	0.5915
0.44	5.28	0.9564	429.2	0.6181
0.45	5.40	0.9985	448.1	0.6453
0.46	5.52	1.041	467.4	0.6731
0.47	5.64	1.085	487.1	0.7014
0.48	5.76	1.130	507.1	0.7303
0.49	5.88	1.175	527.6	0.7597
0.50	6.00	1.222	548.4	0.7897

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	1.269	569.6	0.8203
0.52	6.24	1.317	591.2	0.8514
0.53	6.36	1.366	613.2	0.8830
0.54	6.48	1.416	635.5	0.9152
0.55	6.60	1.467	658.3	0.9480
0.56	6.72	1.518	681.4	0.9813
0.57	6.84	1.571	704.9	1.015
0.58	6.96	1.624	728.8	1.050
0.59	7.08	1.678	753.1	1.084
0.60	7.20	1.733	777.7	1.120
0.61	7.32	1.789	802.8	1.156
0.62	7.44	1.845	828.2	1.193
0.63	7.56	1.903	854.0	1.230
0.64	7.68	1.961	880.1	1.267
0.65	7.80	2.020	906.7	1.306
0.66	7.92	2.080	933.6	1.344
0.67	8.04	2.141	960.9	1.384
0.68	8.16	2.203	988.6	1.424
0.69	8.28	2.265	1017	1.464
0.70	8.40	2.329	1045	1.505
0.71	8.52	2.393	1074	1.546
0.72	8.64	2.458	1103	1.588
0.73	8.76	2.524	1133	1.631
0.74	8.88	2.590	1162	1.674
0.75	9.00	2.658	1193	1.718
0.76	9.12	2.726	1223	1.762
0.77	9.24	2.795	1254	1.807
0.78	9.36	2.865	1286	1.852
0.79	9.48	2.936	1318	1.897
0.80	9.60	3.008	1350	1.944
0.81	9.72	3.080	1382	1.991
0.82	9.84	3.153	1415	2.038
0.83	9.96	3.227	1448	2.086
0.84	10.08	3.302	1482	2.134
0.85	10.20	3.378	1516	2.183
0.86	10.32	3.455	1550	2.233
0.87	10.44	3.532	1585	2.283
0.88	10.56	3.610	1620	2.333
0.89	10.68	3.689	1656	2.384
0.90	10.80	3.769	1692	2.436
0.91	10.92	3.850	1728	2.488
0.92	11.04	3.931	1764	2.541
0.93	11.16	4.014	1801	2.594
0.94	11.28	4.097	1839	2.648
0.95	11.40	4.181	1876	2.702
0.96	11.52	4.265	1914	2.757
0.97	11.64	4.351	1953	2.812
0.98	11.76	4.437	1991	2.868
0.99	11.88	4.525	2031	2.924
1.00	12.00	4.613	2070	2.981



770.664.6513 (V) 770.664.6565 (F)

## Discharge Table For 21" Palmer-Bowlus Flume

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.01	12.12	4.701	2110	3.038
1.02	12.24	4.791	2150	3.096
1.03	12.36	4.881	2191	3.155
1.04	12.48	4.973	2232	3.214
1.05	12.60	5.065	2273	3.273
1.06	12.72	5.157	2315	3.333
1.07	12.84	5.251	2357	3.394
1.08	12.96	5.346	2399	3.455
1.09	13.08	5.441	2442	3.516
1.10	13.20	5.537	2485	3.578
1.11	13.32	5.634	2528	3.641
1.12	13.44	5.731	2572	3.704
1.13	13.56	5.830	2616	3.768
1.14	13.68	5.929	2661	3.832
1.15	13.80	6.029	2706	3.897
1.16	13.92	6.130	2751	3.962
1.17	14.04	6.232	2797	4.028
1.18	14.16	6.334	2843	4.094
1.19	14.28	6.438	2889	4.161
1.20	14.40	6.542	2936	4.228
1.21	14.52	6.646	2983	4.296
1.22	14.64	6.752	3030	4.364
1.23	14.76	6.859	3078	4.433
1.24	14.88	6.966	3126	4.502
1.25	15.00	7.074	3175	4.572
1.26	15.12	7.183	3224	4.642
1.27	15.24	7.292	3273	4.713
1.28	15.36	7.403	3322	4.784