



770.664.6513 (V) 770.664.6565 (F)

Discharge Table For 15" Palmer-Bowlus Flume

Document: PB15-D-T Rev.: 0 Date: 9-1-00 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	0.3305	148.3	0.2136
0.29	3.48	0.3535	158.7	0.2285
0.30	3.60	0.3772	169.3	0.2438
0.31	3.72	0.4017	180.3	0.2596
0.32	3.84	0.4269	191.6	0.2759
0.33	3.96	0.4528	203.2	0.2927
0.34	4.08	0.4795	215.2	0.3099
0.35	4.20	0.5069	227.5	0.3276
0.36	4.32	0.5350	240.1	0.3458
0.37	4.44	0.5638	253.1	0.3644
0.38	4.56	0.5934	266.3	0.3835
0.39	4.68	0.6237	279.9	0.4031
0.40	4.80	0.6547	293.8	0.4231
0.41	4.92	0.6864	308.1	0.4436
0.42	5.04	0.7189	322.6	0.4646
0.43	5.16	0.7520	337.5	0.4860
0.44	5.28	0.7859	352.7	0.5079
0.45	5.40	0.8205	368.2	0.5303
0.46	5.52	0.8558	384.1	0.5531
0.47	5.64	0.8918	400.2	0.5764
0.48	5.76	0.9285	416.7	0.6001
0.49	5.88	0.9659	433.5	0.6243
0.50	6.00	1.004	450.6	0.6489

Best Results Within 0.23 D
and 0.73 D

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	1.043	468.1	0.6740
0.52	6.24	1.082	485.8	0.6996
0.53	6.36	1.123	503.9	0.7256
0.54	6.48	1.164	522.2	0.7521
0.55	6.60	1.205	540.9	0.7790
0.56	6.72	1.248	559.9	0.8063
0.57	6.84	1.291	579.3	0.8342
0.58	6.96	1.334	598.9	0.8624
0.59	7.08	1.379	618.8	0.8912
0.60	7.20	1.424	639.1	0.9203
0.61	7.32	1.470	659.7	0.9499
0.62	7.44	1.516	680.5	0.9800
0.63	7.56	1.564	701.7	1.011
0.64	7.68	1.611	723.2	1.041
0.65	7.80	1.660	745.0	1.073
0.66	7.92	1.709	767.2	1.105
0.67	8.04	1.759	789.6	1.137
0.68	8.16	1.810	812.3	1.170
0.69	8.28	1.861	835.4	1.203
0.70	8.40	1.913	858.7	1.237
0.71	8.52	1.966	882.4	1.271
0.72	8.64	2.020	906.4	1.305
0.73	8.76	2.074	930.6	1.340
0.74	8.88	2.128	955.2	1.376
0.75	9.00	2.184	980.1	1.411
0.76	9.12	2.240	1005	1.448
0.77	9.24	2.297	1031	1.484
0.78	9.36	2.354	1057	1.522
0.79	9.48	2.413	1083	1.559
0.80	9.60	2.471	1109	1.597
0.81	9.72	2.531	1136	1.636
0.82	9.84	2.591	1163	1.675
0.83	9.96	2.652	1190	1.714
0.84	10.08	2.714	1218	1.754
0.85	10.20	2.776	1246	1.794
0.86	10.32	2.839	1274	1.835
0.87	10.44	2.902	1303	1.876
0.88	10.56	2.967	1331	1.917
0.89	10.68	3.032	1361	1.959
0.90	10.80	3.097	1390	2.002
0.91	10.92	3.164	1420	2.045
0.92	11.04	3.230	1450	2.088