



770.664.6513 (V) 770.664.6565 (F)

Discharge Table For 12" Palmer-Bowlus Flume

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LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.01	0.12	Best Results Within 0.23 D and 0.73 D		
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	0.1380	61.94	0.0892
0.20	2.40	0.1523	68.33	0.0984
0.21	2.52	0.1672	75.03	0.1080
0.22	2.64	0.1828	82.03	0.1181
0.23	2.76	0.1990	89.32	0.1286
0.24	2.88	0.2159	96.91	0.1396
0.25	3.00	0.2335	104.8	0.1509
0.26	3.12	0.2517	113.0	0.1627
0.27	3.24	0.2706	121.5	0.1749
0.28	3.36	0.2902	130.2	0.1875
0.29	3.48	0.3103	139.3	0.2006
0.30	3.60	0.3312	148.6	0.2140
0.31	3.72	0.3527	158.3	0.2279
0.32	3.84	0.3748	168.2	0.2422
0.33	3.96	0.3975	178.4	0.2569
0.34	4.08	0.4209	188.9	0.2721
0.35	4.20	0.4450	199.7	0.2876
0.36	4.32	0.4697	210.8	0.3036
0.37	4.44	0.4950	222.2	0.3199
0.38	4.56	0.5209	233.8	0.3367
0.39	4.68	0.5475	245.7	0.3539
0.40	4.80	0.5748	258.0	0.3715
0.41	4.92	0.6026	270.5	0.3895
0.42	5.04	0.6311	283.2	0.4079
0.43	5.16	0.6602	296.3	0.4267
0.44	5.28	0.6899	309.6	0.4459
0.45	5.40	0.7203	323.3	0.4655
0.46	5.52	0.7513	337.2	0.4856
0.47	5.64	0.7829	351.4	0.5060
0.48	5.76	0.8151	365.8	0.5268
0.49	5.88	0.8480	380.6	0.5481
0.50	6.00	0.8815	395.6	0.5697

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	0.9156	410.9	0.5917
0.52	6.24	0.9503	426.5	0.6142
0.53	6.36	0.9856	442.3	0.6370
0.54	6.48	1.022	458.5	0.6602
0.55	6.60	1.058	474.9	0.6839
0.56	6.72	1.095	491.6	0.7079
0.57	6.84	1.133	508.5	0.7323
0.58	6.96	1.171	525.8	0.7571
0.59	7.08	1.210	543.3	0.7823
0.60	7.20	1.250	561.1	0.8079
0.61	7.32	1.290	579.1	0.8340
0.62	7.44	1.331	597.4	0.8604
0.63	7.56	1.373	616.1	0.8872
0.64	7.68	1.415	634.9	0.9143
0.65	7.80	1.457	654.1	0.9419
0.66	7.92	1.501	673.5	0.9699
0.67	8.04	1.545	693.2	0.9982
0.68	8.16	1.589	713.1	1.027
0.69	8.28	1.634	733.4	1.056
0.70	8.40	1.680	753.9	1.086
0.71	8.52	1.726	774.7	1.116
0.72	8.64	1.773	795.7	1.146
0.73	8.76	1.820	817.0	1.177