



Discharge Table For 24" Palmer-Bowlus Flume

770.664.6513 (V) 770.664.6565 (F)

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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	1.126	505.3	0.7276
0.47	5.64	1.173	526.5	0.7583
0.48	5.76	1.222	548.2	0.7895
0.49	5.88	1.271	570.3	0.8213
0.50	6.00	1.321	592.8	0.8537

Best Results Within 0.23 D
and 0.73 D

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
0.51	6.12	1.372	615.8	0.8867
0.52	6.24	1.424	639.1	0.9204
0.53	6.36	1.477	662.9	0.9546
0.54	6.48	1.531	687.0	0.9894
0.55	6.60	1.586	711.6	1.025
0.56	6.72	1.641	736.6	1.061
0.57	6.84	1.698	762.1	1.097
0.58	6.96	1.756	787.9	1.135
0.59	7.08	1.814	814.1	1.172
0.60	7.20	1.873	840.8	1.211
0.61	7.32	1.934	867.8	1.250
0.62	7.44	1.995	895.3	1.289
0.63	7.56	2.057	923.2	1.329
0.64	7.68	2.120	951.5	1.370
0.65	7.80	2.184	980.2	1.411
0.66	7.92	2.249	1009	1.453
0.67	8.04	2.315	1039	1.496
0.68	8.16	2.381	1069	1.539
0.69	8.28	2.449	1099	1.583
0.70	8.40	2.517	1130	1.627
0.71	8.52	2.587	1161	1.672
0.72	8.64	2.657	1192	1.717
0.73	8.76	2.728	1224	1.763
0.74	8.88	2.800	1257	1.810
0.75	9.00	2.873	1289	1.857
0.76	9.12	2.947	1323	1.905
0.77	9.24	3.022	1356	1.953
0.78	9.36	3.097	1390	2.002
0.79	9.48	3.174	1424	2.051
0.80	9.60	3.251	1459	2.101
0.81	9.72	3.330	1494	2.152
0.82	9.84	3.409	1530	2.203
0.83	9.96	3.489	1566	2.255
0.84	10.08	3.570	1602	2.307
0.85	10.20	3.652	1639	2.360
0.86	10.32	3.735	1676	2.414
0.87	10.44	3.818	1714	2.468
0.88	10.56	3.903	1752	2.522
0.89	10.68	3.988	1790	2.578
0.90	10.80	4.075	1829	2.633
0.91	10.92	4.162	1868	2.690
0.92	11.04	4.250	1907	2.747
0.93	11.16	4.339	1947	2.804
0.94	11.28	4.429	1988	2.862
0.95	11.40	4.519	2028	2.921
0.96	11.52	4.611	2069	2.980
0.97	11.64	4.704	2111	3.040
0.98	11.76	4.797	2153	3.100
0.99	11.88	4.891	2195	3.161
1.00	12.00	4.986	2238	3.223



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**Discharge Table
For
24" Palmer-Bowlus Flume**

LEVEL		FLOW		
FEET	INCHES	CFS	GPM	MGD
1.01	12.12	5.082	2281	3.285
1.02	12.24	5.179	2324	3.347
1.03	12.36	5.277	2368	3.410
1.04	12.48	5.376	2413	3.474
1.05	12.60	5.475	2457	3.539
1.06	12.72	5.575	2502	3.603
1.07	12.84	5.677	2548	3.669
1.08	12.96	5.779	2594	3.735
1.09	13.08	5.882	2640	3.801
1.10	13.20	5.986	2686	3.868
1.11	13.32	6.090	2733	3.936
1.12	13.44	6.196	2781	4.004
1.13	13.56	6.302	2828	4.073
1.14	13.68	6.410	2877	4.143
1.15	13.80	6.518	2925	4.212
1.16	13.92	6.627	2974	4.283
1.17	14.04	6.737	3023	4.354
1.18	14.16	6.848	3073	4.426
1.19	14.28	6.959	3123	4.498
1.20	14.40	7.072	3174	4.570
1.21	14.52	7.185	3225	4.644
1.22	14.64	7.299	3276	4.718
1.23	14.76	7.414	3328	4.792
1.24	14.88	7.530	3380	4.867
1.25	15.00	7.647	3432	4.942
1.26	15.12	7.765	3485	5.018
1.27	15.24	7.883	3538	5.095
1.28	15.36	8.003	3592	5.172
1.29	15.48	8.123	3646	5.250
1.30	15.60	8.244	3700	5.328
1.31	15.72	8.366	3755	5.407
1.32	15.84	8.489	3810	5.486
1.33	15.96	8.613	3865	5.566
1.34	16.08	8.737	3921	5.647
1.35	16.20	8.863	3978	5.728
1.36	16.32	8.989	4034	5.809
1.37	16.44	9.116	4091	5.892
1.38	16.56	9.244	4149	5.974
1.39	16.68	9.373	4206	6.058
1.40	16.80	9.502	4265	6.141
1.41	16.92	9.633	4323	6.226
1.42	17.04	9.764	4382	6.311
1.43	17.16	9.896	4441	6.396
1.44	17.28	10.03	4501	6.482
1.45	17.40	10.16	4561	6.569
1.46	17.52	10.30	4622	6.656