



Flow Chart for 24in Palmer Bowlus Flume

Head (feet)	MGD	CFS	GPM
0.06			
0.07			
0.08			
0.09			
0.10	0.06192	0.09581	43.002
0.11	0.07198	0.11138	49.989
0.12	0.08268	0.12792	57.414
0.13	0.09399	0.14542	65.270
0.14	0.10591	0.16387	73.549
0.15	0.11843	0.18324	82.244
0.16	0.13154	0.20352	91.348
0.17	0.14523	0.22471	100.86
0.18	0.15949	0.24677	110.76
0.19	0.17432	0.26971	121.06
0.20	0.18970	0.29351	131.74
0.21	0.20563	0.31815	142.80
0.22	0.22210	0.34363	154.23
0.23	0.23910	0.36994	166.04
0.24	0.25662	0.39705	178.21
0.25	0.27467	0.42498	190.74
0.26	0.29323	0.45370	203.63
0.27	0.31230	0.48321	216.88
0.28	0.33188	0.51350	230.47
0.29	0.35196	0.54456	244.42
0.30	0.37254	0.57640	258.71
0.31	0.39361	0.60900	273.34
0.32	0.41517	0.64236	288.31
0.33	0.43722	0.67647	303.62
0.34	0.45975	0.71134	319.27
0.35	0.48277	0.74696	335.26
0.36	0.50627	0.78332	351.58
0.37	0.53026	0.82043	368.23
0.38	0.55473	0.85829	385.23
0.39	0.57968	0.89689	402.55
0.40	0.60511	0.9362	420.21
0.41	0.63102	0.9763	438.21
0.42	0.65742	1.0172	456.54
0.43	0.68431	1.0588	475.21
0.44	0.71168	1.1011	494.22
0.45	0.73955	1.1442	513.57

Head (feet)	MGD	CFS	GPM
0.46	0.76790	1.1881	533.27
0.47	0.79675	1.2328	553.30
0.48	0.82610	1.2782	573.68
0.49	0.85596	1.3244	594.41
0.50	0.88631	1.3713	615.50
0.51	0.91718	1.4191	636.93
0.52	0.9486	1.4676	658.73
0.53	0.9805	1.5170	680.88
0.54	1.0129	1.5672	703.40
0.55	1.0458	1.6182	726.28
0.56	1.0793	1.6700	749.53
0.57	1.1134	1.7226	773.16
0.58	1.1479	1.7761	797.17
0.59	1.1830	1.8304	821.56
0.60	1.2187	1.8856	846.33
0.61	1.2550	1.9417	871.50
0.62	1.2918	1.9987	897.06
0.63	1.3291	2.0565	923.02
0.64	1.3671	2.1152	949.38
0.65	1.4056	2.1749	976.1
0.66	1.4448	2.2354	1,003.3
0.67	1.4845	2.2969	1,030.9
0.68	1.5249	2.3593	1,058.9
0.69	1.5658	2.4227	1,087.4
0.70	1.6074	2.4870	1,116.2
0.71	1.6496	2.5523	1,145.5
0.72	1.6924	2.6185	1,175.3
0.73	1.7359	2.6858	1,205.5
0.74	1.7800	2.7540	1,236.1
0.75	1.8247	2.8232	1,267.2
0.76	1.8701	2.8935	1,298.7
0.77	1.9161	2.9647	1,330.7
0.78	1.9629	3.0370	1,363.1
0.79	2.0102	3.1103	1,396.0
0.80	2.0583	3.1846	1,429.4
0.81	2.1070	3.2600	1,463.2
0.82	2.1564	3.3365	1,497.5
0.83	2.2065	3.4140	1,532.3
0.84	2.2573	3.4925	1,567.6
0.85	2.3087	3.5722	1,603.3

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0.86	2.3609	3.6529	1,639.5
0.87	2.4138	3.7346	1,676.2
0.88	2.4673	3.8175	1,713.4
0.89	2.5216	3.9014	1,751.1
0.90	2.5765	3.9864	1,789.2
0.91	2.6322	4.0725	1,827.9
0.92	2.6885	4.1597	1,867.0
0.93	2.7456	4.2480	1,906.6
0.94	2.8033	4.3374	1,946.7
0.95	2.8618	4.4278	1,987.3
0.96	2.9209	4.5194	2,028.4
0.97	2.9808	4.6120	2,070.0
0.98	3.0413	4.7057	2,112.0
0.99	3.1026	4.8004	2,154.6
1.00	3.1645	4.8962	2,197.6
1.01	3.2271	4.9931	2,241.1
1.02	3.2905	5.0911	2,285.0
1.03	3.3544	5.1901	2,329.5
1.04	3.4191	5.2901	2,374.4
1.05	3.4844	5.3912	2,419.7
1.06	3.5504	5.4933	2,465.6
1.07	3.6170	5.5964	2,511.8
1.08	3.6843	5.7005	2,558.6
1.09	3.7523	5.8056	2,605.7
1.10	3.8208	5.9117	2,653.4
1.11	3.8900	6.0188	2,701.4
1.12	3.9598	6.1268	2,749.9
1.13	4.0302	6.2357	2,798.8
1.14	4.1013	6.3456	2,848.1
1.15	4.1728	6.4563	2,897.8
1.16	4.2450	6.5680	2,947.9
1.17	4.3178	6.6806	2,998.4
1.18	4.3910	6.7939	3,049.3
1.19	4.4649	6.9082	3,100.6
1.20	4.5392	7.0232	3,152.2
1.21	4.6141	7.1391	3,204.2
1.22	4.6895	7.2557	3,256.6
1.23	4.7654	7.3731	3,309.3
1.24	4.8417	7.4913	3,362.3
1.25	4.9186	7.6101	3,415.7

1.26	4.9958	7.7297	3,469.3
1.27	5.0736	7.8499	3,523.3
1.28	5.1517	7.9708	3,577.6
1.29	5.2302	8.0924	3,632.1
1.30	5.3092	8.2145	3,686.9
1.31	5.3885	8.3373	3,742.0
1.32	5.4682	8.4606	3,797.4
1.33	5.5483	8.5845	3,853.0
1.34	5.6287	8.7089	3,908.8
1.35	5.7094	8.8338	3,964.9
1.36	5.7905	8.9592	4,021.2
1.37	5.8718	9.0851	4,077.7
1.38	5.9535	9.2114	4,134.4
1.39	6.0354	9.3381	4,191.2
1.40	6.1176	9.4653	4,248.3
*For points listed below please see footnote 1.			
1.41	6.2001	9.5929	4,305.6
1.42	6.2828	9.7209	4,363.0
1.43	6.3657	9.849	4,420.6
1.44	6.4489	9.978	4,478.4
1.45	6.5323	10.107	4,536.3
1.46	6.6159	10.236	4,594.4
1.47	6.6998	10.366	4,652.6
1.48	6.7838	10.496	4,711.0
1.49	6.8681	10.626	4,769.5
1.50	6.9525	10.757	4,828.1
1.51	7.0372	10.888	4,886.9
1.52	7.1221	11.019	4,945.9
1.53	7.2072	11.151	5,005.0
1.54	7.2925	11.283	5,064.2
1.55	7.3780	11.415	5,123.6
1.56	7.4637	11.548	5,183.1
1.57	7.5497	11.681	5,242.9
1.58	7.6360	11.815	5,302.7
1.59	7.7225	11.948	5,362.8
1.60	7.8093	12.083	5,423.1
1.61	7.8964	12.218	5,483.6
1.62	7.9838	12.353	5,544.3
1.63	8.0716	12.489	5,605.3
1.64	8.1598	12.625	5,666.5

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1.65	8.2484	12.762	5,728.1
1.66	8.3375	12.900	5,789.9
1.67	8.4271	13.039	5,852.1
1.68	8.5172	13.178	5,914.7
1.69	8.6079	13.318	5,977.7
1.70	8.6992	13.460	6,041.1
1.71	8.7913	13.602	6,105.1
1.72	8.8841	13.746	6,169.5
1.73	8.9777	13.891	6,234.5
1.74	9.0722	14.037	6,300.1
1.75	9.1676	14.184	6,366.4
1.76	9.2642	14.334	6,433.4

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