

Wade-HydroMax™ Roof Area x Rainfall Rate = GPM ready reckoner chart

Tributary (Catchment) Area	Rainfall Intensity (inches per hour)														Roof Drains Operating Range	
	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0		
500										25.97	28.57	31.17	33.77	36.36	3" Drain	
1000					25.97	31.17	36.36	41.56	46.75	51.95	57.14	62.34	67.53	72.73	Min Inflow (GPM)	23
1500				31.17	38.96	46.75	54.55	62.34	70.13	77.92	85.71	93.51	101.30	109.09	Max Inflow (GPM)	320
2000			31.17	41.56	51.95	62.34	72.73	83.12	93.51	103.90	114.29	124.68	135.06	145.45		
2500		25.97	38.96	51.95	64.94	77.92	90.91	103.90	116.88	129.87	142.86	155.84	168.83	181.82		
3000		31.17	46.75	62.34	77.92	93.51	109.09	124.68	140.26	155.84	171.43	187.01	202.60	218.18		
3500		36.36	54.55	72.73	90.91	109.09	127.27	145.45	163.64	181.82	200.00	218.18	236.36	254.55	4" Drain	
4000		41.56	62.34	83.12	103.90	124.68	145.45	166.23	187.01	207.79	228.57	249.35	270.13	290.91	Min Inflow (GPM)	80
4500		46.75	70.13	93.51	116.88	140.26	163.64	187.01	210.39	233.77	257.14	280.52	303.90	327.27	Max Inflow (GPM)	650
5000	25.97	51.95	77.92	103.90	129.87	155.84	181.82	207.79	233.77	259.74	285.71	311.69	337.66	363.64		
5500	28.57	57.14	85.71	114.29	142.86	171.43	200.00	228.57	257.14	285.71	314.29	342.86	371.43	400.00		
6000	31.17	62.34	93.51	124.68	155.84	187.01	218.18	249.35	280.52	311.69	342.86	374.03	405.19	436.36		
6500	33.77	67.53	101.30	135.06	168.83	202.60	236.36	270.13	303.90	337.66	371.43	405.19	438.96	472.73	5" Drain	
7000	36.36	72.73	109.09	145.45	181.82	218.18	254.55	290.91	327.27	363.64	400.00	436.36	472.73	509.09	Min Inflow (GPM)	120
7500	38.96	77.92	116.88	155.84	194.81	233.77	272.73	311.69	350.65	389.61	428.57	467.53	506.49	545.45	Max Inflow (GPM)	1200
8000	41.56	83.12	124.68	166.23	207.79	249.35	290.91	332.47	374.03	415.58	457.14	498.70	540.26	581.82		
8500	44.16	88.31	132.47	176.62	220.78	264.94	309.09	353.25	397.40	441.56	485.71	529.87	574.03	618.18		
9000	46.75	93.51	140.26	187.01	233.77	280.52	327.27	374.03	420.78	467.53	514.29	561.04	607.79	654.55		
9500	49.35	98.70	148.05	197.40	246.75	296.10	345.45	394.81	444.16	493.51	542.86	592.21	641.56	690.91	6" Drain	
10000	51.95	103.90	155.84	207.79	259.74	311.69	363.64	415.58	467.53	519.48	571.43	623.38	675.32	727.27	Min Inflow (GPM)	160
10500	54.55	109.09	163.64	218.18	272.73	327.27	381.82	436.36	490.91	545.45	600.00	654.55	709.09	763.64	Max Inflow (GPM)	1600
11000	57.14	114.29	171.43	228.57	285.71	342.86	400.00	457.14	514.29	571.43	628.57	685.71	742.86	800.00		
11500	59.74	119.48	179.22	238.96	298.70	358.44	418.18	477.92	537.66	597.40	657.14	716.88	776.62	836.36		
12000	62.34	124.68	187.01	249.35	311.69	374.03	436.36	498.70	561.04	623.38	685.71	748.05	810.39	872.73		
12500	64.94	129.87	194.81	259.74	324.68	389.61	454.55	519.48	584.42	649.35	714.29	779.22	844.16	909.09		
13000	67.53	135.06	202.60	270.13	337.66	405.19	472.73	540.26	607.79	675.32	742.86	810.39	877.92	945.45		
13500	70.13	140.26	210.39	280.52	350.65	420.78	490.91	561.04	631.17	701.30	771.43	841.56	911.69	981.82		
14000	72.73	145.45	218.18	290.91	363.64	436.36	509.09	581.82	654.55	727.27	800.00	872.73	945.45	1018.18		
14500	75.32	150.65	225.97	301.30	376.62	451.95	527.27	602.60	677.92	753.25	828.57	903.90	979.22	1054.55		
15000	77.92	155.84	233.77	311.69	389.61	467.53	545.45	623.38	701.30	779.22	857.14	935.07	1012.99	1090.91		
15500	80.52	161.04	241.56	322.08	402.60	483.12	563.64	644.16	724.68	805.19	885.71	966.23	1046.75	1127.27		
16000	83.12	166.23	249.35	332.47	415.58	498.70	581.82	664.94	748.05	831.17	914.29	997.40	1080.52	1163.64		
16500	85.71	171.43	257.14	342.86	428.57	514.29	600.00	685.71	771.43	857.14	942.86	1028.57	1114.29	1200.00		
17000	88.31	176.62	264.94	353.25	441.56	529.87	618.18	706.49	794.81	883.12	971.43	1059.74	1148.05	1236.36		
17500	90.91	181.82	272.73	363.64	454.55	545.45	636.36	727.27	818.18	909.09	1000.00	1090.91	1181.82	1272.73		
18000	93.51	187.01	280.52	374.03	467.53	561.04	654.55	748.05	841.56	935.07	1028.57	1122.08	1215.58	1309.09		
18500	96.10	192.21	288.31	384.42	480.52	576.62	672.73	768.83	864.94	961.04	1057.14	1153.25	1249.35	1345.45		
19000	98.70	197.40	296.10	394.81	493.51	592.21	690.91	789.61	888.31	987.01	1085.71	1184.42	1283.12	1381.82		
19500	101.30	202.60	303.90	405.19	506.49	607.79	709.09	810.39	911.69	1012.99	1114.29	1215.58	1316.88	1418.18		
20000	103.90	207.79	311.69	415.58	519.48	623.38	727.27	831.17	935.07	1038.96	1142.86	1246.75	1350.65	1454.55		
20500	106.49	212.99	319.48	425.97	532.47	638.96	745.45	851.95	958.44	1064.94	1171.43	1277.92	1384.42	1490.91		
21000	109.09	218.18	327.27	436.36	545.45	654.55	763.64	872.73	981.82	1090.91	1200.00	1309.09	1418.18	1527.27		
21500	111.69	223.38	335.06	446.75	558.44	670.13	781.82	893.51	1005.19	1116.88	1228.57	1340.26	1451.95	1563.64		
22000	114.29	228.57	342.86	457.14	571.43	685.71	800.00	914.29	1028.57	1142.86	1257.14	1371.43	1485.71			