


RATE OF FLOW CONVERSION CHART
8" - 24" METERS
.01 ACRE FEET TOTALIZER
8" - 24" METERS WITH .01 ACRE FEET TOTALIZER

.01 Acre Feet = 3258 Gallons
 .01 Acre Feet = 435.6 Cubic Feet

Multiply .01 Acre Feet Per Minute By 325,851 to Obtain GPM
 Multiply .01 Acre Feet Per Minute By 726 to Obtain CFS
 (60 Divided By Number of Seconds per 1 Rev.) x (7.26) = CFS
 (60 Divided By Number of Seconds per 1 Rev.) x (3258) = GPM

Number of seconds One Rev. of Test Hand	GPM	CFS	Number of seconds One Rev. of Test Hand	GPM	CFS
25	7800	17.4	390 (6.5 min)	500	1.12
30	6500	14.5	420 (7 min)	466	1.04
35	5570	12.4	450 (7.5 min)	435	.97
40	4870	10.9	480 (8 min)	408	.91
45	4330	9.65	510 (8.5 min)	382	.85
50	3900	8.70	540 (9 min)	362	.81
55	3550	7.90	570 (9.5 min)	337	.75
60 (1 min)	3250	7.24	600 (10 min)	325	.72
65	3000	6.67	630 (10.5 min)	310	.69
70	2780	6.20	660 (11 min)	296	.66
75 (1.25 min)	2600	5.80	690 (11.5 min)	283	.63
80	2440	5.43	720 (12 min)	273	.61
85	2290	5.12	750 (12.5 min)	260	.58
90 (1.5 min)	2170	4.82	780 (13 min)	250	.56
95	2050	4.57	810 (13.5 min)	241	.54
100	1950	4.34	840 (14 min)	233	.52
105 (1.75 min)	1860	4.12	870 (14.5 min)	225	.50
110	1770	3.94	900 (15 min)	217	.48
115	1690	3.78	960 (16 min)	206	.45
120 (2 min)	1620	3.62	1080 (18 min)	180	.40
125	1560	3.48	1200 (20 min)	163	.36
130	1500	3.34	1320 (22 min)	148	.32
135 (2.25 min)	1450	3.23	1440 (24 min)	136	.30
150 (2.5 min)	1300	2.90	1560 (26 min)	125	.27
165 (2.75 min)	1190	2.65	1680 (28 min)	116	.25
180 (3 min)	1080	2.41	1800 (30 min)	108	.24
195 (3.25 min)	1000	2.23	1920 (32 min)	102	.22
210 (3.5 min)	930	2.07	2200 (34 min)	96	.21
225 (3.75 min)	870	1.94			
240 (4 min)	815	1.82			
225 (4.25 min)	765	1.70			
270 (4.5 min)	735	1.64			
300 (5 min)	652	1.45			
330 (5.5 min)	592	1.32			
360 (6 min)	536	1.19			