



Water Equivalents

1 cubic foot	= 7.48 gallons	= 62.4 pounds
100 cubic feet	= 1 ccf (std. bill unit)	= 748 gallons
1 acre-foot*	= 43,560 cubic feet	= 325,851 gallons
1 cubic foot per second (cfs)	= 450 gallons per minute	
1 cfs	= 646,320 gallons per day	
1 cfs for 24 hours	= 1.983 acre-feet	
1 cfs for 30 days	= 59.5 acre-feet	
1 cfs for one year	= 724 acre-feet	
1 million gallons	= 3.07 acre-feet	
1 million gallons per day (mgd)	= 1,120 acre-feet per year	
1000 gallons per minute	= 2.23 cfs	
1000 gallons per minute	= 4.42 acre-feet per day	

Metric equivalents

15 million gallons per day (mgd)	= 56.775 megaliters per day (ML/day)	
1 acre	= .004 square kilometers (km)	
78,000 acres	= 312 square kilometers (km)	
120 square miles	= 193.08 square kilometers	
1 acre foot	= 1.233 million liters	= 1.233 megaliters
1 ccf (one hundred cubic ft) or 748 gallons	= 2832 liters	= 2.832 cubic meters
250 miles	= 402.25 kilometers	
450 miles	= 724.05 kilometers	
1 gallon per minute	= 3.78 liters per minute	
1 pound per square inch (psi)	= 0.07031 kg/sq. cm	

**An acre-foot of water is enough to cover one acre of land one foot deep.*