

# Galena Ground Water District

## WATER CONVERSION FACTORS

1 Miner's inch	..... 9 GPM	..... 0.02 CFS
1 cubic foot of water	..... 7.4805 gallons	..... 62.37 pounds of water
1 CFS	..... 50 Miner's inches	
1 CFS	..... 448.83 GPM	..... 26,930 gallons per hour
1 CFS	..... 646,315 gallons per day	..... 1.9835 AF per day
1 CFS	..... 59.502 AF per month (30 days)	..... 723.94 AF per year
1 AF	..... enough water to cover 1 acre of land one foot deep	
1 AF	..... 43,560 cubic feet	..... 325,850 gallons
1 cubic meter per second	..... 35.31 CFS	..... 15,850 GPM
1 million gallons	.....	..... 3.0689 AF
1 million gallons per day	.....	..... 1,120.147 AF per year
1 PSI	.....	..... 2.31 FT. HEAD OF WATER (COLUMN)
1 ACRE	.....	..... 43,560 SQUARE FT

**GPM = gallons per minute**

**CFS = cubic feet per second**

**AF = acre feet**

**PSI = pound per square inch**