

# WATER WORDS DICTIONARY

## CONVERSION FACTORS FOR HYDRAULIC UNITS OF MEASURE [Equivalent Values Are Shown Along The Same Horizontal Lines]

Cubic Feet per Second (ft <sup>3</sup> /sec)	Acre-Feet per Day (acre-ft/day)	Acre-Feet per Year (acre-ft/yr)	Gallons per Minute (gal/min)	Gallons per Day (gal/day)	Cubic Feet per Day (ft <sup>3</sup> /day)	Cubic Meters per Day (m <sup>3</sup> /day)	Square Mile- Inch per Year (mi <sup>2</sup> -in/yr)
—1—	1.9835	7.2397X10 <sup>2</sup>	4.4883X10 <sup>2</sup>	6.4632X10 <sup>5</sup>	8.6400X10 <sup>4</sup>	2.4466X10 <sup>3</sup>	1.3574X10 <sup>1</sup>
5.0417X10 <sup>-1</sup>	—1—	3.6500X10 <sup>2</sup>	2.2629X10 <sup>2</sup>	3.2585X10 <sup>5</sup>	4.3560X10 <sup>4</sup>	1.2335X10 <sup>3</sup>	6.8438
1.3813X10 <sup>-3</sup>	2.7397X10 <sup>-3</sup>	—1—	6.1996X10 <sup>-1</sup>	8.9274X10 <sup>2</sup>	1.1934X10 <sup>2</sup>	3.3794	1.8750X10 <sup>-2</sup>
2.2280X10 <sup>-3</sup>	4.4192X10 <sup>-3</sup>	1.6130	—1—	1.4400X10 <sup>3</sup>	1.9250X10 <sup>2</sup>	5.4510	3.0244X10 <sup>-2</sup>
1.5472X10 <sup>-6</sup>	3.0689X10 <sup>-6</sup>	1.1201X10 <sup>-3</sup>	6.9444X10 <sup>-4</sup>	—1—	1.3368X10 <sup>-1</sup>	3.7854X10 <sup>-3</sup>	2.1003X10 <sup>-5</sup>
1.1574X10 <sup>-5</sup>	2.2957X10 <sup>-5</sup>	8.3793X10 <sup>-3</sup>	5.1948X10 <sup>-3</sup>	7.4805	—1—	2.8317X10 <sup>-2</sup>	1.5711X10 <sup>-4</sup>
4.0873X10 <sup>-4</sup>	8.1071X10 <sup>-4</sup>	2.9591X10 <sup>-1</sup>	1.8345X10 <sup>-1</sup>	2.6417X10 <sup>2</sup>	3.5314X10 <sup>1</sup>	—1—	5.5483X10 <sup>-3</sup>
7.3668X10 <sup>-2</sup>	1.4612X10 <sup>-1</sup>	5.3333X10 <sup>1</sup>	3.3065X10 <sup>1</sup>	4.7613X10 <sup>4</sup>	6.3649X10 <sup>3</sup>	1.8024X10 <sup>2</sup>	—1—

*Source:* "Definitions of Selected Ground-Water Terms—Revisions and Conceptual Refinements," S.W. Lohman, et al., Geological Survey Water Supply Paper 1988, U.S. Geological Survey, United States Government Printing Office, Washington, D.C., Fifth Printing, 1983.