

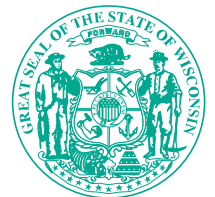
Prepared in cooperation with the State of Wisconsin and with other agencies

Water Resources Data Wisconsin Water Year 2005



Water-Data Report WI-05-1

U.S. Department of the Interior
U.S. Geological Survey



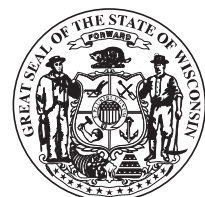
Water Resources Data Wisconsin Water Year 2005

By R.J. Waschbusch, D.L. Olson, and S.B. Marsh



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Conversion Factors

Multiply	By	To obtain
Length		
inch (in.)	25.4x10 ⁻¹	millimeter (mm)
	22.54x10 ⁻²	meter(m)
foot (ft)	3.048x10 ⁻¹	meter (m)
mile (mi)	1.609x10 ⁰	kilometer (km)
Area		
acre	4.047x10 ³	square meter (m ²)
	4.047x10 ⁻¹	square hectometer (hm ²)
acre	4.047x10 ⁻³	square kilometer (km ²)
square mile (mi ²)	2.590x10 ⁰	square kilometer (km ²)
Volume		
gallon (gal)	3.785x10 ⁰	liter (L)
	3.785x10 ⁻³	cubic meter (m ³)
	3.785x10 ⁰	cubic decimeter (dm ³)
million gallons (Mgal)	3.785x10 ³	cubic meter (m ³)
	3.785x10 ⁻³	cubic hectometer (hm ³)
cubic foot (ft ³)	2.832x10 ⁻²	meter (dm ³)
cubic foot (ft ³)	2.832x10 ¹	cubic decimeter (dm ³)
cubic-foot-per-second day [(ft ³ /s/d)]	2.447x10 ³	cubic meter (m ³)
	2.447x10 ⁻³	cubic hectometer (hm ³)
acre-foot (acre-ft)	1.233x10 ³	cubic meter (m ³)
	1.233x10 ⁻³	cubic hectometer (hm ³)
	1.233x10 ⁻⁶	cubic kilometer (km ³)
Flow		
cubic foot per second (ft ³ /s)	2.832x10 ¹	liter per second (L/s)
	2.832x10 ⁻²	cubic meter per second (m ³ /s)
	2.832x10 ¹	cubic decimeter per second (dm ³ /s)
gallon per minute (gal/min)	6.309x10 ⁻²	liter per second (L/s)
	6.309x10 ⁻⁵	cubic meter per second (m ³ /s)
	6.309x10 ⁻²	cubic decimeter per second (dm ³ /s)
million gallons per day (Mgal/d)	4.381x10 ⁻²	cubic meter per second (m ³ /s)
	4.381x10 ¹	cubic decimeter per second (dm ³ /s)
Mass		
ton, short (2,000 lb)	9.072x10 ⁻¹	megagram (Mg) or metric ton

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows:

$$^{\circ}\text{F} = (1.8 \times ^{\circ}\text{C}) + 32$$