

## CONVERSION FACTORS AND ABBREVIATED WATER-QUALITY UNITS

<u>Multiply</u>	<u>By</u>	<u>To obtain</u>
cubic foot per second (ft <sup>3</sup> /s)	$2.832 \times 10^{-2}$	cubic meter per second
pound	$4.536 \times 10^{-1}$	kilogram
square mile (mi <sup>2</sup> )	2.590	square kilometer
acre	$4.047 \times 10^3$	square meter (m <sup>2</sup> )
	$4.047 \times 10^{-1}$	square hectometer (hm <sup>2</sup> )
	$4.047 \times 10^{-3}$	square kilometer (km <sup>2</sup> )
cubic foot (ft <sup>3</sup> )	$2.447 \times 10^3$	cubic meter (m <sup>3</sup> )

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Temperature can be converted from degrees Celsius (°C) to Fahrenheit (°F) by using the following equation:

$$^{\circ}\text{F} = 9/5(^{\circ}\text{C}) + 32.$$

### Abbreviated Water-Quality Units

microgram per liter (µg/L)  
 microsiemens per centimeter at 25 degrees Celsius (µS/cm)  
 milligram (mg)  
 milligram per liter (mg/L)  
 milliliter (ml)