

CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
acre	0.4047	hectare
acre	4,047	square meter
acre-foot (acre-ft)	0.001233	cubic hectometer
acre-foot (acre-ft)	1,233	cubic meter
centimeter (cm)	0.3937	inch
centimeter per year (cm/yr)	0.3937	inch per year
cubic foot (ft^3)	0.02832	cubic meter
cubic foot per second (ft^3/s)	0.02832	cubic meter per second
cubic meter (m^3)	35.31	cubic foot
cubic meter per day (m^3/d)	35.31	cubic foot per second
foot (ft)	0.3048	meter
foot per year (ft/yr)	0.3048	meter per year
gallon (gal)	3.785	liter
gallon per day (gal/d)	3.785	liter per day
gallon per minute (gal/min)	0.06308	liter per second
gram (g)	0.03527	ounce, avoirdupois
gram per cubic centimeter (g/cm^3)	0.6243	pound per cubic foot
inch (in.)	25.4	millimeter
kilometer (km)	0.6214	mile
kilometer per second (km/s)	0.6214	mile per second
kilopascal (kPa)	0.1450	pound per square inch
meter (m)	3.281	foot
mile (mi)	1.609	kilometer
milligrams per liter (mg/L)	1.0	parts per million
millimeter (mm)	0.03937	inch
millimeter per year (mm-n/yr)	0.03937	inch per year
million gallons (mGal)		
pound per square inch (lb/in^2)	6.895	kilopascal
square meter per day (m^2/d)	10.76	square foot per day
square mile (mi^2)	259.0	hectare
square mile (mi^2)	2.590	square kilometer
square kilometer (km^2)	0.3861	square mile
ton, short	0.9072	megagram

Temperature can be converted between degrees Celsius ($^{\circ}\text{C}$) and degrees Fahrenheit ($^{\circ}\text{F}$) by the following equation:

$$^{\circ}\text{F}=1.8(^{\circ}\text{C})+32 \quad ^{\circ}\text{C}=(^{\circ}\text{F}-32)/1.8$$

Sea Level: In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929--a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.