

CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
Length		
inch (in.)	2.54×10^1	millimeter
foot (ft)	2.54×10^{-2}	meter
mile (mi)	3.048×10^{-1}	meter
	1.609×10^0	kilometer
Area		
acre	4.047×10^3	square meter
	4.047×10^{-1}	square hectometer
square mile (mi ²)	4.047×10^{-3}	square kilometer
	2.590×10^0	square kilometer
Volume		
gallon (gal)	3.785×10^0	liter
	3.785×10^0	cubic decimeter
million gallons (Mgal)	3.785×10^{-3}	cubic meter
	3.785×10^3	cubic meter
cubic foot (ft ³)	3.785×10^{-3}	cubic hectometer
	2.832×10^1	cubic decimeter
cubic-foot-per-second day [(ft ³ /s) d]	2.832×10^{-2}	cubic meter
	2.447×10^3	cubic meter
acre-foot (acre-ft)	2.447×10^{-3}	cubic hectometer
	1.233×10^3	cubic meter
	1.233×10^{-3}	cubic hectometer
	1.233×10^{-6}	cubic kilometer
Flow		
cubic foot per second (ft ³ /s)	2.832×10^1	liter per second
	2.832×10^1	cubic decimeter per second
gallon per minute (gal/min)	2.832×10^{-2}	cubic meter per second
	6.309×10^{-2}	liter per second
	6.309×10^{-2}	cubic decimeter per second
million gallons per day (Mgal/d)	6.309×10^{-5}	cubic meter per second
	4.381×10^1	cubic decimeter per second
	4.381×10^{-2}	cubic meter per second
Mass		
ton (short)	9.072×10^{-1}	megagram or metric ton