

COMMON CONVERSION FACTORS

Acre	=	43,560.0	square feet
Acre	=	4,047.0	square meters
Acre	=	160	square rods
Acre	=	0.4047	hectares
Acre Foot	=	7,758.0	barrels of petroleum
Atmosphere	=	33.94	feet of water
Atmosphere	=	29.92	Inches of mercury
Atmosphere	=	760.0	millimeters of mercury
Atmosphere	=	14.7	pounds per sq. in.
Bar	=	0.9869	atmospheres
Bar	=	1.020	kilograms per sq. centimeter
Bar	=	14.50	pounds per sq. in.
Barrel of Petroleum	=	5.6146	cubic feet
Barrel of Petroleum	=	42.0	gallons
Barrel of water at 60° F	=	0.1588	metric ton
Barrel (36° A.P.I.)	=	0.1342	metric ton
Barrel per hour	=	0.0936	cubic ft. per minute
Barrel per hour	=	0.700	gallon per minute
Barrel per hour	=	2.695	cubic inches per second
Barrel per day	=	0.02917	gallon per minute
Centimeter	=	0.3937	Inch
Centimeter of mercury	=	0.1934	pound per sq. in.
Chain	=	66.00	feet
Chain	=	4.0	rods
Cubic centimeter	=	0.06102	cubic inch
Cubic foot	=	0.1781	barrel
Cubic foot	=	7.4805	gallons (U.S.)
Cubic foot	=	0.02832	cubic meter
Cubic foot per minute	=	10.686	barrels per hour
Cubic foot per minute	=	28.800	cubic inches per second
Cubic foot per minute	=	7.481	gallons (US) per minute
Cubic inch	=	16.387	cubic centimeters
Cubic meter	=	6.2897	barrels of petroleum
Cubic meter	=	35.314	cubic feet
Cubic meter	=	1.308	cubic yards
Cubic yard	=	4.8089	barrels
Cubic yard	=	46,656.0	cubic inches
Cubic yard	=	0.7646	cubic meter
Foot	=	30.48	centimeters
Foot	=	0.3048	meter
Foot of water at 60° F	=	0.4331	pounds per sq. in.
Foot per second	=	0.68182	mile per hour
Foot-pound	=	1.3558	joules
Foot-pound	=	0.1383	kilogram meters
Foot-pound per second	=	0.001818	horse-power
Gallon (U.S.)	=	0.02381	barrel
Gallon (U.S.)	=	0.1337	cubic feet
Gallon (U.S.)	=	231.000	cubic inches
Gallon (U.S.)	=	3.785	liters
Gallon (U.S.)	=	0.8327	gallon (Imperial)
Gallon (Imperial)	=	1.2009	gallons (U.S.)
Gallon (Imperial)	=	277.419	cubic inches
Gallon per minute	=	1.429	barrels per hour
Gallon per minute	=	0.1337	cubic feet per minute
Gallon per minute	=	34.286	barrels per day
Grain (Avoirdupois)	=	0.06480	gram
Grain per gallon	=	17.118	parts per million
Grain per gallon	=	142.86	pounds per million gals.
Grain per gallon	=	0.01714	grams per liter
Gram	=	15.432	grains
Gram	=	0.03527	ounce
Gram per liter	=	58.418	grains per gallon
Hectare	=	2.471	acres
Hectare	=	0.010	square kilometer
Horse-power	=	42.44	B.T.U.'s per minute
Horse-power	=	33,000.0	foot-pounds per minute
Horse-power	=	550.0	foot-pounds per sec.