

Unit & Conversion Tables

[Unit Table](#)

[Conversion Table](#)

Unit Table

bbbl	barrel 1 bbl = 42 US gallons or 158.987 litres [*]
bcf	billion cubic feet (billion = one thousand million or 10 ⁹) ^{**} 6 bcf gas = 1 mmboe
bcpd	barrels of condensate per day
boe	barrels of oil equivalent
bopd	barrels of oil per day
btu	British Thermal Unit (unit of heat) -; the amount of heat needed to raise the temperature of one pound of water 1°F 1 btu = 0.252 kcal
CNG	compressed natural gas is natural gas compressed to up to 3000 psi and stored in high pressure cylinders
FPSO	floating production storage offloading facility
GJ	gigajoule = one billion or 10 ⁹ joules
ha	hectare 1 ha = 0.01 km ² or 2.47 acres
joule	unit of energy 1 joule = 1/3600 of a kilowatt-hour or 0.738 foot-pounds
km	kilometre 1 km = 0.621 miles
km ²	square kilometres
kw	kilowatt (unit of power) 1 kw = 860 kcal/hour or 1.341 horsepower
LNG	Liquefied Natural Gas. Natural gas is a gaseous form of petroleum, usually mainly methane, which becomes a liquid when it is cooled to 160°C at atmospheric pressure
LPG	Liquid Petroleum Gas, mainly propane or butane or a mixture of both. These gases can be extracted from natural gas and liquefied by compression to up to 200 psi
m	metre 1 m = 3.281 feet
Ma	million years before present
mD	millidarcy
methanol	methyl alcohol (CH ₃ OH)
mg HC/g Corg	milligrams of hydrocarbons per gram of organic carbon
mmbbl	million barrels
mmbo	million barrels of oil
mmboe	million barrels of oil equivalent
mmcfd	million cubic feet of gas per day
mmcfdg	million cubic feet of gas
m.y.	million years
PJ	petajoule = 10 ¹⁵ joules
scf	standard cubic feet
tcf	trillion cubic feet (trillion = one million million or 10 ¹²)
td	total depth
TJ	terajoule = 10 ¹² joules
toc	total organic carbon

* All numbers are rounded to three decimal places

** In British usage, a billion is a million millions. In American usage, a billion is a thousand millions. The oil industry follows American usage.

Conversion Table

[Imperial to Metric](#)

[Metric to Imperial](#)

Imperial to Metric *

1 foot	0.3048 metres
1 cubic inch	0.0164 litres
1 cubic foot	0.0283 cubic metres
1 ton	1.0160 metric tonnes
1 pound	0.4536 kilograms
1 ounce	0.0283 kilograms
1 troy ounce	0.0311 kilograms
1 acre	0.004 square kilometres
1 mile	1.6093 kilometres, 0.8684 nautical miles
1 imperial gallon	4.5461 litres
1 US gallon	3.7854 litres
°F	$9/5 (°C + 32)$

* All numbers are rounded to four decimal places

Metric to Imperial **

1 metre	39.370 inches, 3.281 feet
1 cubic metre	35.315 cubic feet
1 metric tonne	0.984 tons
1 litre	0.264 US gallon, 0.220 Imperial gallon
1 square kilometre	247 acres
1 kilometre	0.621 miles, 0.540 nautical miles
1 kilogram	2.205 pounds or 35.274 ounces (32.151 troy ounces)
°C	$5/9(°F - 32)$

** All numbers are rounded to three decimal places