To convert from | to | multiply by
--- | --- | ---
atmosphere (760 mm Hg) | pascal (Pa) | 1.01325 x 10^5
board foot | cubic metre (m³) | 2.59173 x 10^-3
Btu (International Table) | joule (J) | 1.05506 x 10^3
Btu (International Table)/h | watt (W) | 1.16219 x 10^-1
Btu (International Table)/in./s/ft² °F | watt per metre kelvin [W/(m·K)] | 5.19204 x 10^-2
(caloric Table) | (thermal conductivity) | (°C = (°F - 32)/1.8)
calorie (International Table) | joule (J) | 4.18680 x 10^-2
centipose | pascal second (Pa·s) | 1.00000 x 10^-1
centistokes | square metre per second (m²/s) | 1.00000 x 10^-1
circular mil | square metre (m²) | 5.06707 x 10^-10
degree Fahrenheit | degree Celsius | t°C = (t°F - 32)/1.8
foot | metre (m) | 3.04800 x 10^-3
ft² | square metre (m²) | 9.29030 x 10^-3
ft³ | cubic metre (m³) | 2.83168 x 10^-3
ft·lbf | joule (J) | 1.35576 x 10^-3
ft·lbf/min | watt (W) | 2.59173 x 10^-3
ft/s² | metre per second squared (m/s²) | 9.80665 x 10^-3
gallon (U.S. liquid) | cubic metre (m³) | 3.78541 x 10^-3
horsepower (electric) | watt (W) | 7.45699 x 10^-3
inch | metre (m) | 2.54000 x 10^-3
in.² | square metre (m²) | 6.45160 x 10^-3
in.³ | cubic metre (m³) | 1.33322 x 10^-3
inch of mercury (60°F) | pascal (Pa) | 3.21501 x 10²
inch of water (60°F) | pascal (Pa) | 9.80665 x 10²
kip (1000 lbf) | newton (N) | 4.44822 x 10²
kip/in.² (ksi) | pascal (Pa) | 6.89475 x 10³
ounce (U.S. fluid) | cubic metre (m³) | 2.95735 x 10⁻³
ounce-force | newton (N) | 2.78013 x 10⁻³
ounce (avoirdupois) | kilogram (kg) | 2.83495 x 10⁻²
oz (avoirdupois)/ft³ | kilogram per square metre (kg/m²) | 3.05157 x 10⁻¹
oz (avoirdupois)/yd² | kilogram per square metre (kg/m²) | 3.39075 x 10⁻²
oz (avoirdupois)/gal (U.S. liquid) | kilogram per cubic metre (kg/m³) | 7.48915 x 10⁻²
pint (U.S. liquid) | cubic metre (m³) | 4.73176 x 10⁻⁴
pound-force (lbf) | newton (N) | 4.44822
pound (lb avoirdupois) | kilogram (kg) | 4.53592 x 10⁻¹
lb/in² (psi) | pascal (Pa) | 6.89475 x 10²
lb/ft³ | kilogram per cubic metre (kg/m³) | 2.76799 x 10⁴
lb/ft³ | kilogram per cubic metre (kg/m³) | 1.60185 x 10⁵
quart (U.S. liquid) | cubic metre (m³) | 9.46353 x 10⁻⁴
ton (short, 2000 lb) | kilogram (kg) | 9.07185 x 10⁻²
torr (mm Hg, 0°C) | pascal (Pa) | 1.33322 x 10⁻³
W·h | joule (J) | 3.60000 x 10⁻⁹
yard | metre (m) | 9.14400 x 10⁻⁵
yd² | square metre (m²) | 8.36127 x 10⁻¹
yd² | cubic metre (m³) | 7.64554 x 10⁻¹

*Exact
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The Technical Editors

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1.6 Geobotanical Methods
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