Conversion Factors Table

TO CONVERT FROM	DO THIS
Atmospheres (atm) to inches of mercury @32°F (inHg32)	(atm) * 29.9213 = (inHg32)
Atmospheres (atm) to inches of mercury @60°F (inHg60)	(atm) * 30.0058 = (inHg60)
Atmospheres (atm) to millibars (mb)	(atm) * 1013.25 = (mb)
Atmospheres (atm) to pascals (Pa)	(atm) * 101325 = (Pa)
Atmospheres (atm) to pounds/square inch (lb/in**2)	(atm) * 14.696 = (lb/in**2)
Centimeters (cm) to feet (ft)	(cm) * 0.032808399 = (ft)
Centimeters (cm) to inches (in)	(cm) * 0.39370079 = (in)
Centimeters (cm) to meters (m)	(cm) * 0.01 = (m)
Centimeters (cm) to millimeters (mm)	(cm) * 10 = (mm)
Degrees (deg) to radians (rad)	(deg) * 0.01745329 = (rad)
Degrees Celsius (C) to degrees Fahrenheit (F)	[(C) * 1.8] + 32 = (F)
Degrees Celsius (C) to degrees Kelvin (K)	(C) + 273.15 = (K)
Degrees Celsius (C) to degrees Rankine (R)	[(C) * 1.8] + 491.67 = (R)
Degrees Fahrenheit (F) to degrees Celsius (C)	[(F) - 32)] * 0.555556 = (C)

Degrees Fahrenheit (F) to degrees Kelvin (K)	[(F) * 0.555556] + 255.37 = (K)
Degrees Fahrenheit (F) to degrees Rankine (R)	(F) + 459.67 = (R)
Degrees Kelvin (K) to degrees Celsius (C)	(K) - 273.15 = (C)
Degrees Kelvin (K) to degrees Fahrenheit (F)	[(K) - 255.37] * 1.8 = (F)
Degrees Kelvin (K) to degrees Rankine (R)	(K) * 1.8 = (R)
Degrees Rankine (R) to degrees Celsius (C)	[(R) - 491.67] * 0.555556 = (C)
Degrees Rankine (R) to degrees Fahrenheit (F)	(R) - 459.67 = (F)
Degrees Rankine (R) to degrees Kelvin (K)	(R) * 0.555556 = (K)
Feet (ft) to centimeters (cm)	(ft) * 30.48 = (cm)
Feet (ft) to meters (m)	(ft) * 0.3048 = (m)
Feet (ft) to miles (mi)	(ft) * 0.000189393 = (mi)
Feet/minute (ft/min) to meters/second (m/s)	(ft/min) * 0.00508 = (m/s)
Feet/minute (ft/min) to miles/hour (mph)	(ft/min) * 0.01136363 = (mph)
Feet/second (ft/s) to kilometers/hour (kph)	(ft/s) * 1.09728 = (kph)
Feet/second (ft/s) to knots (kt)	(ft/s) * 0.5924838 = (kt)
Feet/second (ft/s) to meters/second (m/s)	(ft/s) * 0.3048 = (m/s)
Feet/second (ft/s) to miles/hour (mph)	(ft/s) * 0.681818 = (mph)

Grams/cubic centimeter (gm/cm**3) to pounds/cubic foot (lb/ft**3)	(gm/cm**3) * 62.427961 = (lb/ft**3)
Grams/cubic meter (gm/m**3) to pounds/cubic foot (lb/ft**3)	(gm/m**3) * 0.000062427961 = (lb/ft**3)
Hectopascals (hPa) to millibars (mb)	Nothing - they are equivalent units
Inches (in) to centimeters (cm)	(in) * 2.54 = (cm)
Inches (in) to millimeters (mm)	(in) * 25.4 = (mm)
Inches of mercury @32°F (inHg32) to atmospheres (atm)	(inHg32) * 0.0334211 = (atm)
Inches of mercury @32°F (inHg32) to millibars (mb)	(inHg32) * 33.8639 = (mb)
Inches of mercury @32°F (inHg32) to pounds/square inch (lb/in**2)	(inHg32) * 0.49115 = (lb/in**2)
Inches of mercury @60°F (inHg60) to atmospheres (atm)	(inHg60) * 0.0333269 = (atm)
Inches of mercury @60°F (inHg60) to millibars (mb)	(inHg60) * 33.7685 = (mb)
Inches of mercury @60°F (inHg60) to pounds/square inch (lb/in**2)	(inHg60) * 0.48977 = (lb/in**2)
Kilograms/cubic meter (kg/m**3) to pounds/cubic foot (lb/ft**3)	(kg/m**3) * 0.062427961 = (lb/ft**3)
Kilograms/cubic meter (kg/m**3) to slugs/cubic foot (slug/ft**3)	(kg/m**3) * 0.001940323 = (slug/ft**3)
Kilometers (km) to meters (m)	(km) * 1000 = (m)
Kilometers (km) to miles (mi)	(km) * 0.62137119 = (mi)
Kilometers (km) to nautical miles (nmi)	(km) * 0.5399568 = (nmi)
Kilometers/hour (kph) to feet/second (ft/s)	(kph) * 0.91134 = (ft/s)

Kilometers/hour (kph) to knots (kt)	(kph) * 0.5399568 = (kt)
Kilometers/hour (kph) to meters/second (m/s)	(kph) * 0.277777 = (m/s)
Kilometers/hour (kph) to miles/hour (mph)	(kph) * 0.62137119 = (mph)
Kilopascals (kPa) to millibars (mb)	(kPa) * 10 = (mb)
Knots (kt) to feet/second (ft/s)	(kt) * 1.6878099 = (ft/s)
Knots (kt) to kilometers/hour (kph)	(kt) * 1.852 = (kph)
Knots (kt) to meters/second (m/s)	(kt) * 0.514444 = (m/s)
Knots (kt) to miles/hour (mph)	(kt) * 1.1507794 = (mph)
Knots (kt) to nautical miles/hour (nmph)	Nothing - they are equivalent units
Langleys/minute (ly/min) to watts/square meter (W/m**2)	(ly/min) * 698.339 = (W/m**2)
Meters (m) to centimeters (cm)	(m) * 100 = (cm)
Meters (m) to feet (ft)	(m) * 3.2808399 = (ft)
Meters (m) to kilometers (km)	(m) * 0.001 = (km)
Meters (m) to miles (mi)	(m) * 0.00062137119 = (mi)
Meters/second (m/s) to feet/minute (ft/min)	(m/s) * 196.85039 = (ft/min)
Meters/second (m/s) to feet/second (ft/s)	(m/s) * 3.2808399 = (ft/s)
Meters/second (m/s) to kilometers/hour (kph)	(m/s) * 3.6 = (kph)

Meters/second (m/s) to knots (kt)	(m/s) * 1.943846 = (kt)
Meters/second (m/s) to miles/hour (mph)	(m/s) * 2.2369363 = (mph)
Miles (mi) to feet (ft)	(mi) * 5280 = (ft)
Miles (mi) to kilometers (km)	(mi) * 1.609344 = (km)
Miles (mi) to meters (m)	(mi) * 1609.344 = (m)
Miles/hour (mph) to feet/minute (ft/min)	(mph) * 88 = (ft/min)
Miles/hour (mph) to feet/second (ft/s)	(mph) * 1.466666 = (ft/s)
Miles/hour (mph) to kilometers/hour (kph)	(mph) * 1.609344 = (kph)
Miles/hour (mph) to knots (kt)	(mph) * 0.86897624 = (kt)
Miles/hour (mph) to meters/second (m/s)	(mph) * 0.44704 = (m/s)
Millibars (mb) to atmospheres (atm)	(mb) * 0.000986923 = (atm)
Millibars (mb) to hectopascals (hPa)	Nothing - they are equivalent units
Millibars (mb) to inches of mercury @32°F (inHg32)	(mb) * 0.02953 = (inHg32)
Millibars (mb) to inches of mercury @60°F (inHg60)	(mb) * 0.02961 = (inHg60)
Millibars (mb) to kilopascals (kPa)	(mb) * 0.1 = (kPa)
Millibars (mb) to millimeters of mercury @32°F (mmHg)	(mb) * 0.75006 = (mmHg)
Millibars (mb) to millimeters of mercury @60°F (mmHg)	(mb) * 0.75218 = (mmHg)

Millibars (mb) to newtons/square meter (N/m**2)	(mb) * 100 = (N/m**2)
Millibars (mb) to pascals (Pa)	(mb) * 100 = (Pa)
Millibars (mb) to pounds/square foot (lb/ft**2)	(mb) * 2.088543 = (lb/ft**2)
Millibars (mb) to pounds/square inch (lb/in**2)	(mb) * 0.0145038 = (lb/in**2)
Millimeters (mm) to centimeters (cm)	(mm) * 0.1 = (cm)
Millimeters (mm) to inches (in)	(mm) * 0.039370078 = (in)
Millimeters of mercury @32°F (mmHg) to millibars (mb)	(mmHg) * 1.33322 = (mb)
Millimeters of mercury @60°F (mmHg) to millibars (mb)	(mmHg) * 1.32947 = (mb)
Nautical miles (nmi) to kilometers (km)	(nmi) * 1.852 = (km)
Nautical miles (nmi) to statute miles (mi)	(nmi) * 1.1507794 = (mi)
Nautical miles/hour (nmph) to knots (kt)	Nothing - they are equivalent units
Newtons/square meter (N/m**2) to millibars (mb)	(N/m**2) * 0.01 = (mb)
Pascals (Pa) to atmospheres (atm)	(Pa) * 0.000009869 = (atm)
Pascals (Pa) to millibars (mb)	(Pa) * 0.01 = (mb)
Pounds/cubic foot (lb/ft**3) to grams/cubic centimeter (gm/cm**3)	(lb/ft**3) * 0.016018463 = (gm/cm**3)
Pounds/cubic foot (lb/ft**3) to grams/cubic meter (gm/m**3)	(lb/ft**3) * 16018.46327 = (gm/m**3)
Pounds/cubic foot (lb/ft**3) to kilograms/cubic meter (kg/m**3)	(lb/ft**3) * 16.018463 = (kg/m**3)

Pounds/square foot (lb/ft**2) to millibars (mb)	(lb/ft**2) * 0.478803 = (mb)
Pounds/square inch (lb/in**2) to atmospheres (atm)	(lb/in**2) * 0.068046 = (atm)
Pounds/square inch (lb/in**2) to inches of mercury @32°F (inHg32)	(lb/in**2) * 2.03602 = (inHg32)
Pounds/square inch (lb/in**2) to inches of mercury @60°F (inHg60)	(lb/in**2) * 2.04177 = (inHg60)
Pounds/square inch (lb/in**2) to millibars (mb)	(lb/in**2) * 68.9474483 = (mb)
Radians (rad) to degrees (deg)	(rad) * 57.29577951 = (deg)
Slugs/cubic foot (slug/ft**3) to kilograms/cubic meter (kg/m**3)	(slug/ft**3) * 515.378 = (kg/m**3)
Statute miles (mi) to nautical miles (nmi)	(mi) * 0.86897624 = (nmi)
Watts/square meter (W/m**2) to langleys/minute (ly/min)	(W/m**2) * 0.00143197 = (ly/min)