

To Convert	To	Multiply by
F. PRESSURE		
atmosphere (atm) = 76 centimeters of mercury (cm Hg) = 1.013 bar	kilopascals (kPa)	101.3
inch of mercury (inch Hg) = 0.334 atm = 0.0339 bar	kilopascals (kPa)	3.386
inch of water (inch H ₂ O) = 2.49 millibar (mbar)	pascals (Pa)	249
millibar (mbar) = 0.75 millimeters of mercury (mm Hg)	pascals (Pa)	100
pounds per square inch (psi) = 51.72 millimeters of mercury (mm Hg)	kilopascals (Pa)	6.894

G. RADIATION TO EQUIVALENT DEPTH OF EVAPORATION (at 29°C)

cal/cm ²	mm	1/58
cal/cm ² ·min	mm/hr	1.035
cal/cm ² ·day	mm/day	1/58
mW/cm ²	mm/hr	0.01483
W/m ²	mm/hr	0.1483