

Dewpoint Temperature to Other Humidity Variables

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An Excel program with the filename “TdConv.xlsx” is available to upload from this site. The program makes conversions from dew point and ice point temperature and air temperature to vapor pressure, relative humidity and equivalent temperature. The program also makes conversions from ice point and dry bulb (air) temperature to vapor pressure, relative humidity and equivalent temperature. All of the inputs are in degrees Celsius and kiloPascals (kPa). To download the program, click on [TdConv](#). The conversions used are discussed in Snyder, Shaw, and Paw U. (1987) Humidity Conversions Using a Computer Program. Applied Agric. Res. Vol. 2, No. 3, pp. 183-192.