

# Conversions from wet-bulb temperature to other humidity variables

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An Excel program with the filename “TwConv.xlsx” is available to upload from this site. The program makes conversions from wet-bulb or frost-bulb temperature and dry-bulb (air) temperature to vapor pressure, relative humidity, dew-point temperature and equivalent temperature. The program also makes conversions from frost-bulb and dry bulb (air) temperature to vapor pressure, relative humidity, ice-point temperature and equivalent temperature. All of the inputs are in degrees Celsius and kiloPascals (kPa). To download the program, click on [TwConv](#). 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.