

Wet bulb temperature

1. Isobaric wet-bulb temperature: the [temperature](#) an [air parcel](#) would have if cooled adiabatically to [saturation](#) at constant [pressure](#) by [evaporation](#) of water into it, all [latent heat](#) being supplied by the parcel.

2. Adiabatic wet-bulb temperature (*or* pseudo wet-bulb temperature): the [temperature](#) an [air parcel](#) would have if cooled adiabatically to [saturation](#) and then compressed adiabatically to the original [pressure](#) in a [moist-adiabatic process](#).

This is the wet-bulb temperature as read off the [thermodynamic diagram](#) and is always less than the [isobaric wet-bulb temperature](#), usually by a fraction of a [degree](#) centigrade.