Time [seconds]; UT seconds from midnight on day aircraft flight started based on data system clock

Aircraft ambient temperature [C].

Aircraft static pressure [hPa].

Aircraft dew point temperature [C].

True Air Speed (Based first on the main temperature/pitot instrument and secondarily based on the backup temperature/pitot instrument) [m/s]

Pressure Altitude [m]

Aircraft Track Angle [degrees].

Aircraft True Air Speed [m/s].

Aircraft Indicated Air Speed [m/s].

Aircraft Ground Speed [m/s].

Aircraft Pressure Altitude [feet].

Aircraft GPS Altitude MSL [m].

Aircraft wind speed [m/s].

Aircraft wind direction [deg].

Aircraft Roll Angle [degrees].

Aircraft Pitch Angle [degrees].

Aircraft True Heading [degrees].

Aircraft Vertical Velocity [m/s].

Aircraft latitude [deg].

Aircraft longitude [deg].

Liquid Water Content based on King Probe measurement adjusted (cloud threshold = 5.1 [#/cm^3], cloud interval = 30.0 [s] and adjustment slope = 1.000) for the baseline offset [g/m^3]

Liquid Water Content Based on the Cloud Droplet Probe [g/m^3 ]

Cloud Droplet Probe's Mean Droplet Diameter [um]

Cloud Droplet Probe's Effective Droplet Radius [um]

Number Concentration of Droplets Based on the Cloud Droplet Probe [#/cc]