Polar Winds Dropsonde Read Me File

Processed with bad/missing data taken out (L2); Some initially reported variables such as internal temperature, battery voltage, RH_sensor, IR_Sensor, GPS_altitude, GPS_Lock_Age, etc.. not included but can be provided upon request.

The most accurate height to use is the Hydrostatic_height (Q below)

Line 1 – Date(YYYY/MM/DD), Start Time (Z), latitude (deg), Longitude (deg)

Line 2 -9999999

A -   Elapsed Time (seconds)
B -   Pressure (mb)
C -   Temperature (deg C)
D -   RH (%)
E -   Fall Speed (m/s)
F -   Surface Temperature (deg C)
G -   Accel. Temperature (deg C)
H -   Accel RH (%)
I -   Dew Point Temperature (deg C)
J -   Potential Temperature (deg K)
K -   Equivalent Potential Temperature (deg K)
L -   U Wind Component (m/s)
M -   V Wind Component (m/s)
N -   Wind Speed (m/s)
O -   Wind Direction (deg.)
P -   F_altitude (m above msl)
Q -   Hydrostatic_height (m above msl)
R -   Latitude (deg)
S -   Longitude (deg)