

This is the (first) "calibrated" version of the PALS radar data (as opposed to beta).

The daily radar files for high and low altitude flights have been named as follows:

PALS_S0_YYYYMMDD_[Hi/Lo]Alt_v100.txt

The data is in ASCII format and the column order is as follows:

Col 1: UTC time in seconds

Col 2: Latitude of the boresight

Col 3: Longitude of the boresight

Col 4: UTM x-coordinate of the boresight

Col 5: UTM y-coordinate of the boresight

Col 6: VV-polarized normalized radar cross section (dB)

Col 7: HH-polarized normalized radar cross section (dB)

Col 8: HV-polarized normalized radar cross section (dB)

Col 9: VH-polarized normalized radar cross section (dB)

Col 10: Heading flag:

0 = the heading used for the geolocation is based on correction using magnetic heading of the aircraft;

1 = the heading is based only on the ground track of the aircraft (more uncertainty)