

This is beta version of the PALS radar data which means you should not make conclusions based on it!

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

PALS_S0_YYYYMMDD_[Hi/Lo]Alt_vbeta2.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)

Col10: Geolocation flag: 0 = A/C heading (which is used in the geolocation of the boresight) determined based on compass reading (less uncertainty); 1 = A/C heading determined based on ground-track (more uncertainty).