

ICECAPS Weekly Report

Sept. 19 – 25, 2012

Patrick Wright – Phase I Tech



View from the MSF deck of well-defined surface textures formed during high winds on Sept. 20.

Interesting weather events:

- 09/20, heavy snowfall in morning hours and previous night. Sporadic precip. throughout day, w/high winds, and warm temps (-9 C!). Occasional strong optics.
- 09/21, periods of heavy snowfall throughout day (esp. 1300-1400Z, see IcePIC).
- Night of 09/23, temps reach -40 C.

General Items

- Talk about some potential small resupply items for Phase I/II turnover.....

Dataman Account:

- Normal. Continued Drive ECC Errors.

PAERI:

- Beginning 09/22, occasional periods of missing data and blue flags (indicating NaN values). In communication with Von, but no clear explanation for this.....software? computer hardware?

MPL:

- Normal.

CAPABL:

- Normal. Neely is continuing to test new version software.

MMCR:

- 09/21, TWTA failure after daily cal. Reboot at 1249 UTC, back up at 1309 UTC.

MWR:

- Normal.

ASIA-A:

- 09/24, break in communication at 1030 UTC. Pierre remote rebooted PC and radiometer at 0230 UTC on 09/25.

SODAR:

- 09/22, ~1300Z, cleaned snow from tx and rx.

POSS:

- Normal.

VCEIL:

- Normal.

IceCAM:

- Normal.

IcePIC:

- Photos on 09/20 and 09/21.

Radiosonde:

- 09/21, dual launch with O₃ sonde.
- 09/23, AM launch, ~45 min. late
- 09/23, PM launch, closed out next morning.