

ICECAPS Weekly Report

June 16 – June 22, 2014

Lana Cohen



General:

- 6/18: Camp-wide internet outage, 15.30~18.30 due to state-side problems.

Significant Weather Observations:

- 6/16: mostly clear sky, some cirrus, calm
- 6/17: intermittent fog, clear sky becoming overcast in evening
- 6/18: light precip overnight; overcast, warm
- 6/19: light precip overnight; partially cloudy
- 6/20: mostly clear sky, ice crystals in morning
- 6/21: mostly clear sky, winds > 10kts; precip starting ~2100Z
- 6/22: overcast, winds 20kts, precip & blowing snow

Dataman Account:

- Transfers went well this week (data transfers now take 8-10hrs during good connectivity).

MWR:

- 150-90: operating normally.
- HATPRO: out for calibration and repairs.

SODAR:

- Operating normally.

POSS:

- Operating normally.
- 6/19: Buried and protected cabling between POSS and electronics enclosure.

MMCR:

- 6/18: Radar monitor error; shut down and restarted @ 16.00Z.
- 6/19: Radar monitor error; shutdown/restarted 0920Z.
- 6/20: Radar monitor error; shutdown/restarted 0950Z.

CAPABL:

- 6/19: Moved power to network switch from the usb-power strip to a wall outlet to see if intermittent problems with dataman mount (due to network disconnect?) are resolved.

MPL:

- 6/18: afterpulse calibration

VCEIL:

- Operating normally.

Hotplate:

- Operating normally; possible ambient temp sensor issues.

IceCAM:

- Operating normally.

PAERI:

- Operating normally.

ASIA-A:

- Operating normally.

TSI:

- Operating normally.

IcePIC:

- No flakes/crystals captured this week.

MASC:

- Images taken on 6/18.
- 6/19, 18.30Z—6/20, 9.40Z: Microcontroller error; stopped and restarted MASC data acquisition.
- 6/21-6/22: precip with winds >15kts—no images taken

Radiosonde:

- Twice daily sondes; no dual launches with ozonesondes.