

ICECAPS Weekly Report

July 28 – Aug 3, 2014

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General:

- 7/28, 15.00—7/29, 18.00UTC: Internet out for VSAT overhaul (local network down from ~6.30-17.00UTC on 29th). Several other short-duration outages throughout the week.
- Planned power outage for 1-2 hours on 8/4; will shut down all instruments except for Sterling cooler.

Significant Weather Observations:

- 7/28: overcast, morning fog; blowing snow
- 7/29: overcast, blowing snow; precip from late afternoon on
- 7/30: fog in morning, clear sky
- 7/31: fog in morning, mostly cloudy, ice crystals
- 8/1: fog; mostly cloudy
- 8/2: overcast, becoming clear in afternoon
- 8/3: fog in morning; clear

Dataman Account:

- 7/29: Started ArchiveToBoulder.bash manually ~18.20UTC. All data transferred out as of 7/30.
- 7/31—8/3: Bandwidth issues—data transfers are much slower than before; SRI has been notified of the problem.

MWR:

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

SODAR:

- Operating normally.

POSS:

- Operating normally.

MMCR:

- Update from Duane: 3 of the 4 modes are now calibrated, still working on PR mode, and ST mode range may be slightly off; equipment needed to check range calibration is not at Summit; vertical stripes on velocity plots may be an amplifier problem.

CAPABL:

- Ongoing troubleshooting of CAPABL data issues...

MPL:

- 7/29: Bin resolution was still at 30m since last afterpulse calibration—reset to 15m, 5sec.
- 8/3: Afterpulse calibration.

VCEIL:

- Operating normally.

Hotplate:

- Operating normally.

IceCAM:

- 7/29: No images for IceCAM from 6.45 to 17.15UTC while LAN down.

PAERI:

- Operating normally.

ASIA-A:

- Operating normally.

TSI:

- 7/29: Imager not working; power cycled TSI and restarted software.

IcePIC:

- No images this week.

MASC:

- Rebooting MASC and software daily. MASC is triggering automatically and taking images during precipitation events.

Radiosonde:

- Twice daily sondes.
- 8/1, 12Z: Balloon closed out late.