

ICECAPS Weekly Report

February 01, 2016 – February 07, 2016

Mike Finnegan and Sam Dorsi



Flying Machine with Friends! - MOF, 2/4

General:

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Significant Weather Observations:

- 2/01: drsn, few150, 17.0kts, -43.6C
- 2/02: bkn altostratus, 9.0kts, -49.0C
- 2/03: br, bkn altostratus, ovc cirrostratus, 11.6kts, -43.1C
- 2/04: few altocumulus, few cirrus, 10.2kts, -48.2C
- 2/05: few cirrocumulus, 7.4kts, -49.9C
- 2/06: few cumulus, bkn altostratus, 4.0kts, -42.9C
- 2/07: Broken stratus, 7.0 kts, -37.2C

Dataman Account:

- Operating normally.

MWR:

- HATPRO: Removed for repairs.
- 150-90: operating normally.

SODAR:

- Operating normally.
- Cleared receiver and transceiver of snow, 1418-1436Z, 2/7.

POSS:

- Operating normally.

MMCR:

- Operating normally.
- Roll continues to be off by 5 degrees. May be a wiring issue since last time it was off this much, I check connectivity of the wires, found them all good, and the roll suddenly corrected itself. As it is off by the same amount this time suddenly, I don't think the building shifted 5

degrees.

- Found error “Could not read calibration table Net CDF File” on 2/1 daily checks. Rebooting the MMCR fixed this error.

CAPABL:

- Operating normally.

MPL:

- Operating normally.

VCEIL:

- Operating normally.

Hotplate:

- Operating normally.

IceCAM:

- Operating normally.

PAERI:

- Operating normally.

TSI:

- Shutdown and removed from the roof for the winter.

IcePIC:

- No photos taken.

Radiosonde:

- Twice daily sondes.
- Replaced regulator on 2/6.
- 2/7 12z: Error “cannot communicate with data server” reported on starting sounding in DigiCora. Rebooted SPS and sounding laptop, and found that issue was resolved.

MASC:

- Operating normally.
- Cleared light rime from flashes. (2/5, 2/6, 2/7)