

ICECAPS Weekly Report

November 30-December 6, 2015

Mike Finnegan



Nate Directing Lance During Cylinder Swap, 30Nov2015. - MOF

General:

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Significant Weather Observations:

- 11/30: sct altostratus, bkn cirrostratus, 15.8kts, -43.4C
- 12/01: few cirrostratus, 10.8kts, -49.3C
- 12/02: blsn, ovc altostratus, 22.0kts, -35.2C
- 12/03: ovc altostratus, 14.6kts, -35.6C
- 12/04: bkn altocumulus, cirrostratus, 12.0kts, -41.6C
- 12/05: bkn altostratus, 9.4kts, -45.7C
- 12/06: skc, 3.0kts, -56.2C

Dataman Account:

- Operating normally.
- Diskpath changed to /media/ICECAPS4 on 12/06 after new USB drive was mounted. USB drive "disk-1" was too full (88%) and repeatedly auto-changed the diskpath variable to an incorrect value. Old drive is ready to ship to Boulder in February.

MWR:

- HATPRO: operating normally.

- 150-90: operating normally.
- Found a comms error reported during daily checks on 12/02. Upon first reboot, comms came back but the 150-90 time was off. A second reboot fixed this.

SODAR:

- Operating normally.

POSS:

- Operating normally.

MMCR:

- Operating normally.

CAPABL:

- Operating normally.

MPL:

- Operating normally

VCEIL:

- Operating normally.

Hotplate:

- Operating normally.

IceCAM:

- Operating normally.

PAERI:

- Operating normally.
- Mirror Motor Temp went yellow for a time during the -50 to -60C temps on 12/05 and 12/06, but Encoder Scene Confirm remained green throughout the event. All cleared by morning of 12/07.

TSI:

- Shutdown and removed from the roof for the winter.

IcePIC:

- No Photos Taken

Radiosonde:

- Twice daily sondes.
- Changed plastic on table and swapped out empty cylinders for full (11/30)

MASC:

- Operating normally.
- Dropped harmonica case through to see if flashes would go off and pictures would be taken. Both occurred. 12/01, 1356Z.