

# ICECAPS Weekly Report

October 26-November 01, 2015

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John Out for a Sunset Ski, 01Nov2015. - MOF

## General:

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## Significant Weather Observations:

- 10/26: ovc cirrostratus, 19.0kts, -29.2C
- 10/27: ovc altostratus, 12.0kts, -30.3C
- 10/28: stratus, blowing snow, 31.8kts, -18.4C
- 10/29: overcast, snow, blowing snow, 18.6kts, -17.7C
- 10/30: blsn, ovc altostratus, 21.0kts, -16.2C
- 10/31: ovc stratus, 10.2kts, -20.1C
- 11/01: stratus, 16.0kts, -21.6C

## Dataman Account:

- Operating normally.
- Showed MMCR as mounted, but spot\_check\_archive.sh reported it not mounted. Also, it did

not send quicklooks to Boulder. (10/29) Corrected itself by 10/30.

**MWR:**

- HATPRO: operating normally.
- 150-90: operating normally.
- Cleared light rime from 150-90 on 10/26 and uploaded picture to ftp

**SODAR:**

- Operating normally.
- Cleared drifted snow from receiver on 10/29 ~1300Z

**POSS:**

- Operating normally.

**MMCR:**

- Operating normally.
- Tightened and made sure metal-to-metal contact was made on both J1 connectors on back panel of MMCR on 10/28. System shut down at 1408Z, back online successfully at 0527Z. Roll now around -0.2 while pitch is up around 11.
- Inside temperature in Health.txt reported as Out = 30 on 10/29 onward
- Roll now back to around 5 as of 10/30. Pitch remains around 11.

**CAPABL:**

- Operating normally.

**MPL:**

- Operating normally
- After-pulse calibration performed successfully on 10/26 from 1410-1435z.

**VCEIL:**

- Operating normally.

**Hotplate:**

- Operating normally.

**IceCAM:**

- Operating normally.

**PAERI:**

- Operating normally.
- Cleared a bit of snow from the enclosure – 11/01 1415Z

**TSI:**

- Shutdown and removed from the roof for the winter.

**IcePIC:**

- No photos taken.

**Radiosonde:**

- Twice daily sondes.

**MASC:**

- Operating normally.
- Tried to remove icing with cotton cloth on 10/29 ~1250. Suggested to come back with warm water and soap.
- Tried cleaning with warm, soapy water as suggested, but this froze instantly – used isopropyl alcohol, which worked. (10/31, 1245 – 1300Z)