

# ICECAPS Weekly Report

Feb 9-15, 2014

Jennie Mowatt and Sam Dorsi



**Sam launches his first balloon... success.**

## **General:**

- Turnover finally started on 2/11.

## **Significant Weather Observations:**

- 2/9: Few clouds, 4 kts, -55C
- 2/10: Few clouds, 12 kts, -56C
- 2/11: Few clouds, 6 kts. -56C
- 2/12: Few clouds, 7 kts, -61C
- 2/13: Few clouds, 12 kts, -60C
- 2/14: Few clouds, 12 kts, -53C
- 2/15: Few clouds, 14 kts, -49C

## **Dataman Account:**

- Operating normally.
- 2/13: Master HD # 3 swapped out with #1. #3 will be sent back to Boulder with Matt O. #4 remains in house as spare.

## **MWR:**

- HATPRO: operating normally.
- 150-90: operating normally.
- 2/14: 1448Z rebooted MWRs for turnover training. Data collection resumed at 1451Z.

**SODAR:**

- Operating normally.
- 2/12: 1705-1717Z at SODAR for turnover training

**POSS:**

- Operating normally.
- 2/14: 1442Z rebooted POSS for turnover training. Data collection resumed at 1444Z.

**MMCR:**

- Operating normally.

**CAPABL:**

- Offsite as of 8/19.
- Continuing to monitor water storage system during winter.

**MPL:**

- Operating normally.
- 2/15: Afterpulse calibration performed starting at 1413Z. Data collection resumed at 1432Z.

**VCEIL:**

- Operating normally.
- 2/14: Ceilometer mount down overnight; data did not transfer.
- 2/15: Ceilometer mount back online. All remaining data transferred successfully.

**Hotplate:**

- Offline due to technical issues.
- 2/15: Confirmed data is being taken through TeraTerm. Troubleshooting ongoing.

**IceCAM:**

- Operating normally.

**PAERI:**

- Operating normally.
- 2/13: Rebooted at 13:39z. Data collection resumed 13:48z.
- 2/12-13: Red flags occurred at various times and the fan was removed and replaced multiple times due to extremely low outside temperatures.

**ASIA-A:**

- Operating normally.
- 2/7: Data looking odd, Pierre confirmed voltages are off. Troubleshooting will be left to warmer temperatures. Instrument currently in standby mode.

**TSI:**

- Offline and stored in MSF for winter.

**IcePIC:**

- No pictures taken.

**Radiosonde:**

- Twice daily sondes.