

ICECAPS Weekly Report

June 29 – July 5, 2015

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Sam Dorsi, with one of his last balloon launches--SW

General:

- 7/1: At 18:22z an unplanned power outage occurred. Upon arrival at the MSF, the UPS was running and all instruments were functioning normally. Power was restored at 18:27z. Instruments were checked again and all was operational. PIs were notified.

Significant Weather Observations:

- 6/29: few altostratus, 5kts, -9.6C
- 6/30: few cirrostratus, 6kts, -11.5C
- 7/1: few cirrostratus, 8kts, -10.2C
- 7/2: few cirrostratus, 10kts, -15.4C
- 7/3: few cirrostratus, 8kts, -9.9C
- 7/4: few cirrostratus, 7kts, -5.6C
- 7/5: freezing fog, few cirrostratus, 7kts, -10.6C

Dataman Account:

- 7/1: During daily rounds, current data backlog was caught up and the ToBoulder file was empty.
- 7/5: 11:49z, ToBoulder directory has 97 items in 'data' that did not transfer.

- 7/6: Data backlog transfer to Boulder was completed successfully.

MWR:

- HATPRO: operating normally.
- 150-90: operating normally.

SODAR:

- Operating normally.
- 6/30: During daily rounds at 11:58z, the JPG file was empty of images. This was reported to Matt Shupe. When check again at 12:59z, images were being recorded.

POSS:

- Operating normally.

MMCR:

- Operating normally.
- 6/29-7/1: During daily checks, in LabView, the +5V #1 and #2 red alarm lights were on, reading at ~+4.38V and ~+4.11V. The test point voltages read at +5V. This issue was reported to Duane Hazen and Matt Shupe.
- 7/1: 16:03z, per Duane Hazen's instructions, the MMCR was shut down for maintenance. The back panel of the MMCR-Radar was removed and a grounding wire was installed—running from J1 pin 23 (GND) to the A/D Interface Board pin 27. After rebooting the instrument at 16:52z, the LabView +5V readings were reading #1 at +5.00V and #2 at +4.95V.

CAPABL:

- Operating normally.
- 6/29: Data was not transferring to Boulder. Ryan Neely was notified. A wrong configure file was being used and was fixed by Robert Stillwell remotely on 7/1.

MPL:

- Operating normally.

VCEIL:

- Operating normally.

Hotplate:

- Operating normally.
- 6/30: During daily checks at 12:25z, the program was found with an error dialog box, and had not recorded data since 6/29 at 21:36z. After starting up the program, it began working again. Matt Shupe was notified.

IceCAM:

- Operating normally.

PAERI:

- Operating normally.

ASIA-A:

- Offsite for repair since 4/30.

TSI:

- Operating normally.

IcePIC:

- No photos taken.

Radiosonde:

- Twice daily sondes.

Doppler Wind Lidar:

- Offsite on 6/29/15.

MASC:

- Operating normally.