

ICECAPS Weekly Report

September 21-27, 2015

Clair Von Handorf



9/27 Total Lunar Eclipse –CVH

General:

- None.

Significant Weather Observations:

- 9/21: broken altostratus, 11kts, -17.6C
- 9/22: broken stratus, 20kts, -15.8C
- 9/23: broken altostratus, 13kts, -23.2C
- 9/24: broken altostratus, 15kts, -22.2C
- 9/25: broken cirrocumulus, 12kts, -23.4C
- 9/26: broken cirrocumulus, 16kts, -20.2C
- 9/27: blowing snow, broken stratus, 34kts, -16.4C

Dataman Account:

- Operating normally.

MWR:

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

SODAR:

- Operating normally.

POSS:

- Operating normally.

MMCR:

- Operating normally.
- Ongoing issue with display of Outdoor Temperature not reading accurately. Duane and Matt are aware of this.
- 9/26: 11:45z Health file showed ~3600 out of tolerance counts for “roll”. Duane and Matt were informed.
- 9/27: MMCR was shut down at 15:35z. A 10k ohm resistor was installed from J1-14 to J1-16. It was restarted at 15:54z. Current readings were +5V #1 and #2 reading at ~+5V, Outdoor temperature at -14.16C, and roll at -0.18deg. Findings were reported back to Duane and Matt.

CAPABL:

- Operating normally.

MPL:

- Operating normally.
- 9/26: 12:04z-12:20z Performed Afterpulse calibration

VCEIL:

- Operating normally.

Hotplate:

- Operating normally.
- 9/24 and 9/28: Hotplate had stopped collecting data for unknown reason. It was restarted successfully. This information was reported back to Matt.

IceCAM:

- Operating normally.

PAERI:

- Operating normally.

TSI:

- Shutdown and removed from the roof for the winter.

IcePIC:

- No photos taken.

Radiosonde:

- Twice daily sondes.
- GPS/wind data not transmitting on many of the sondes. Quality control check of sonde preparations procedures reviewed.
- 9/24: 8:30z The Vaisala Ashtech firmware upgrade was installed. All balloons since this upgrade have had GPS/wind data.

MASC:

- Operating normally.