

ICECAPS Weekly Report

September 28-October 4, 2015

Clair Von Handorf



Auroras in the southwest, on 10/4/15–CVH

General:

- None.

Significant Weather Observations:

- 9/28: broken altostratus, 17kts, -26C
- 9/29: broken stratus, 14kts, -24.0C
- 9/30: broken stratus, 12kts, -28.3C
- 10/1: scattered cirrus, 12kts, -40.9C
- 10/2: scattered cirrocumulus, 10kts, -35.8C
- 10/3: scattered cirrocumulus, 8kts, -35.8C
- 10/4: broken stratus, 15kts, -32.1C

Dataman Account:

- Operating normally.

MWR:

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

SODAR:

- Operating normally.

POSS:

- Operating normally.

MMCR:

- Operating normally.
- 9/28: During daily checks, the pulse controller error lights SW 1 TX, SW 2-3 TX, and Erfdioxide were on. Duane and Matt were notified. After restarting it on 9/27, Labview did not initialize the pulse controller. Duane was able to work on this remotely and fix the issue.
- 10/1: During daily checks, Outdoor Temperature is again reading +200C. Duane and Matt were notified.
- 10/4: During daily checks, in the 1000zHealth text file, the Transmitted RF Power showed 2 out of tolerance values. Duane and Matt were notified.

CAPABL:

- Operating normally.

MPL:

- Operating normally.

VCEIL:

- Operating normally.

Hotplate:

- Operating normally.

IceCAM:

- Operating normally.

PAERI:

- Operating normally.

TSI:

- Shutdown and removed from the roof for the winter.

IcePIC:

- No photos taken.

Radiosonde:

- Twice daily sondes.
- 10/3: 1200z flight, sonde malfunctioned and reported “reason for termination: PTU analysis”. Von and Matt were notified.

MASC:

- Operating normally.
- 9/30: MASC was turned off from 12:37z to 16:58z. MASC instrument and electronics box were raised out of accumulating snow. SOP for this procedure was written.
- 10/2: Completed drift and snow accumulation maintenance around instrument suite of MASC and Hotplate. Readjusted wires and poles in this area.