

ICECAPS Weekly Report

December 21-December 27, 2015

Mike Finnegan



Summit Christmas Card. - MOF

General:

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Significant Weather Observations:

- 12/21: sct080, altostratus, 14.6kts, -43.2C
- 12/22: br sct000 sct008 stratus, 13.2kts, -41.6C
- 12/23: few altocumulus, 10.4kts, -54.2C
- 12/24: ovc altostratus, 9.6kts, -50.2C
- 12/25: blsn ovc, 20.0kts, -34.9C
- 12/26: ovc altostratus, 24.4kts, -29.2C
- 12/27: bkn altocumulus, ovc cirrostratus, 8.4kts, -36.5C

Dataman Account:

- Operating normally.
- Monitor died and was replaced, 12/23.

MWR:

- HATPRO: operating normally.
- 150-90: operating normally.
- Removed rime from 150-90 and HATPRO on 12/21 and 12/22. Uploaded photos and updated log.
- Found measurements halted on 12/26 – restarted MWRs which brought them back online, but Noise Diode Rec.1 is reporting red. This persisted on 12/27 daily checks. Another reboot did not fix the problem.

SODAR:

- Operating normally.
- Cleaned transmitter and receiver dishes of snow on 12/21, 14:50z.

POSS:

- Operating normally.

MMCR:

- Operating normally.

CAPABL:

- Operating normally.

MPL:

- Operating normally
- Afterpulse calibration completed on 12/27.

VCEIL:

- Operating normally.

Hotplate:

- Operating normally.
- Found error 85 on 12/20 daily checks saying the input string was not in the expected format. I pressed “continue”, went through the startup procedure, and data began feeding in.
- Found error “VISA: Timeout expired before operation completed” on 12/26. Clicking continue and the regular startup procedure fixed this.

IceCAM:

- Operating normally.

PAERI:

- Operating normally.

TSI:

- Shutdown and removed from the roof for the winter.

IcePIC:

- No Photos Taken

Radiosonde:

- Twice daily sondes.
- Failed sonde on morning of 12/26 in 27kt winds. Balloon travelled at ground level until out of sight.

MASC:

- Operating normally.