

ICECAPS Weekly Report

November 09-November 15, 2015

Mike Finnegan



John and Nate Leaving the Big House, 11Nov2015. - MOF

General:

- Leveled MSF on 11/12 – completed at 1649Z.

Significant Weather Observations:

- 11/09: few altocumulus, 4.5kts, -44.9C
- 11/10: few cirrus, 9.0kts, -37.7C
- 11/11: sct cirrostratus, 8.8kts, -41.1C
- 11/12: freezing fog, 6.6kts, -32.1C
- 11/13: mist, bkn060 bkn120, ovc200, altostratus, cirrostratus, 7.0kts, -42.6C
- 11/14: fzf, ovc006, 10.0kts, -39.6C
- 11/15: sct altocumulus, 7.2kts, -44.5C

Dataman Account:

- Operating normally.

MWR:

- HATPRO: operating normally.
- 150-90: operating normally.
- Cleared rime from both MWRs on 11/14 at ~1340Z. Pictures uploaded to server.

SODAR:

- Operating normally.
- Cleaned transmitter dish of snow on 11/9 at 1730Z. Could not open receiver bay.

POSS:

- Operating normally.

MMCR:

- Operating normally.
- After leveling MSF, pitch improved from +0.10 to +0.04, Roll improved from -0.32 to between -0.02 and +0.03.

CAPABL:

- Operating normally.

MPL:

- Operating normally

VCEIL:

- Operating normally.

Hotplate:

- Operating normally.

IceCAM:

- Operating normally.

PAERI:

- Operating normally.
- Cleaned PAERI enclosure of snow on 11/9 and some snow likely hit the optical path causing LW/SW Responsivities to go red. Data bad from ~12Z on 11/9 to record 1039 on 11/10.

TSI:

- Shutdown and removed from the roof for the winter.

IcePIC:

- No Photos Taken

Radiosonde:

- Twice daily sondes.

MASC:

- Operating normally.
- Removed rime from flashes on 11/12 and 11/14