

ICECAPS Weekly Report

November 23-November 29, 2015

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PAERI Snow Fort, 29Nov2015. - MOF

General:

- MSF Temp Trackers downloaded – 11/28

Significant Weather Observations:

- 11/23: freezing fog, blowing snow, 16.2kts, -29.0C
- 11/24: sct cirrocumulus, 10.6kts, -46.6C
- 11/25: few altocumulus, 11.0kts, -46.4C
- 11/26: blowing snow, bkn altostratus, 18.0kts, -45.7C
- 11/27: freezing fog, blowing snow, 18.8kts, -49.3C
- 11/28: blowing snow, bkn cirrostratus, 19.0kts, -41.7C
- 11/29: bkn altostratus, 11.4kts, -45.5C

Dataman Account:

- Operating normally.
- Drive running out of space error caused by too many files in a directory (archive/mwr) (11/26). Made subdirectories and this solved the problem (11/27)

MWR:

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

SODAR:

- Operating normally.

POSS:

- Operating normally.

MMCR:

- Operating normally.
- Temperature near top of tube between +/- 5C.

CAPABL:

- Operating normally.

MPL:

- Operating normally
- AP Calibration completed on 11/26

VCEIL:

- Operating normally.

Hotplate:

- Operating normally.

IceCAM:

- Operating normally.

PAERI:

- Operating normally.
- Found LW/SW Responsivities red due to snow on mirror. Cleared mirror (1435z on 11/23) and they improved to green.
- Found LW/SW Responsivities red due to snow on mirror (1820z on 11/27). Too little light to safely clear the snow away, but it sublimated by 0z on 11/28, reporting all green responsivities.

TSI:

- Shutdown and removed from the roof for the winter.

IcePIC:

- No Photos Taken

Radiosonde:

- Twice daily sondes.
- Three sondes in a row would not report TPU during calibration – likely a bad batch (11/27)
- Used a K-sonde on the evening launch of 11/27.

MASC:

- Operating normally.