

ICECAPS Weekly Report

November 14 – 20, 2016

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A dimly glowing sky provides the setting for raising instrument cables (11/19). SWD.

General:

- 11/19: Raised instrument cable runs in vicinity of the MSF (13:45-14:10z).

Significant Weather Observations:

- 11/14: Scattered altostratus, -45C, 7 kts.
- 11/15: Few altostratus, -46C, 6 kts.
- 11/16: Overcast stratus, freezing fog, -44C, 17 kts.
- 11/17: Few altostratus, -47C, 13 kts.
- 11/18: Freezing fog and drifting snow, -36C, 9 kts.
- 11/19: Broken altostratus, -39C, 6 kts.
- 11/20: Broken altostratus, -37C, 7 kts.

ICECAPS Data Management:

- 11/14: Data transfer complete at 15:40z.

- 11/15: Data transfer complete at 13:29z.
- 11/16: Data transfer did not complete. Very large LAN ping times 3:00-13:00z.
- 11/17: Data transfer did not complete until 10:55z the following morning. Lost connection errors and slow LAN connection. WLAN system reinitialized at 18:22z, and transfer rates appeared to normalize.
- 11/18: Data transfer complete at 19:17z.
- 11/19: Data transfer complete at 15:39z.
- 11/20: Data transfer complete at 17:23z.

MWR:

- Operating normally.

SODAR:

- Operating normally.

POSS:

- Operating normally.

MMCR:

- Operating normally.
- 11/17: Desiccant cartridges swapped at 19:12z. Next swap will be at turnover in February.
- Pitch 0.22, roll -0.22 as of 11/19.

CAPABL:

- Operating normally.

MPL:

- Operating normally.

VCEIL:

- Operating normally.

Hotplate:

- Offsite for repairs since 6/9/2016.

IceCAM:

- Operating normally.

PAERI:

- Operating normally.

TSI:

- Stored in MSF for winter.

IcePIC:

- 11/18: Slides placed for collection 13:19 – 13:22z in drifting snow. Particles photographed are irregulars.

Radiosonde:

- Twice daily soundings.

MASC:

- Offsite for repairs since 5/3/2016.