

ICECAPS Weekly Report

April 4, 2016 – April 10, 2016

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Beyond the SODAR, a fata morgana mirage stretches and inverts the squat ½-mile marker. SWD.

General:

- 4/6: Scheduled power outage at 15:10z for emergency generator testing.

Significant Weather Observations:

- 4/4: Few altostratus, 3 kts, -23C
- 4/5: Few altostratus, fogbow, 10 kts, -37C
- 4/6: Few altostratus, 14 kts, -36C
- 4/7: Few altostratus, 16 kts, -37C
- 4/8: Few altostratus, 14 kts, -33C
- 4/9: Few altostratus, 10 kts, -35C
- 4/10: Broken stratocumulus, 14 kts up to 42kts at night, -17C

Dataman Account:

- Operating normally.
- 4/4: Transfer completed at 12:02z.
- 4/5: Transfer completed at 12:31z.
- 4/6: Transfer completed at 11:55z.
- 4/7: Transfer completed at 11:02z.
- 4/8: Transfer completed at 10:55z.
- 4/9: Transfer completed at 12:15z.
- 4/10: Transfer completed at 11:18z.

MWR:

- HATPRO removed for repairs.

SODAR:

- Operating normally.

POSS:

- Operating normally.

MMCR:

- Operating normally.
- Measurements of roll, pitch and outdoor temperature appear erroneous.

CAPABL:

- Operating normally.

MPL:

- Operating normally.

VCEIL:

- Operating normally.

Hotplate:

- Operating normally.

IceCAM:

- Operating normally.

PAERI:

- Operating normally.

TSI:

- Stored in MSF and awaiting warmer temperatures for redeployment.

IcePIC:

- 4/4: Slides placed for collection from 13:02z to 14:08z. Radiating plates and hollow columns collected.

Radiosonde:

- Twice daily soundings.
- 4/11 0z: Sounding showed data spikes and dropouts, and automatically terminated early (461.1 hPa). These issues self-resolved above 333.1 hPa, and data with normal appearance were collected up to 23.3 hPa.

MASC:

- Operating normally.
- Errors 'startup disk has no more space' and 'you may be a victim of software counterfeiting' continue to be displayed on MASC laptop.