

ICECAPS Weekly Report

March 28, 2016 – April 3, 2016

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A fogbow appears around my shadow, as the 12z radiosonde is readied for release. SWD.

General:

- 3/28: Inspected outdoor cables for damage. Previously identified damage was noted on the POSS, IceCam and SRI VHF-FM cables; no other damage was found.

Significant Weather Observations:

- 3/28: Few cirrostratus, 8 kts, -38C
- 3/29: Few altostratus, 8 kts, -41C
- 3/30: Clear, 15 kts, -35C
- 3/31: Few cirrostratus, 15 kts, -41C
- 4/1: Scattered cirrostratus, 16 kts, -35C
- 4/2: Broken stratus, 14 kts, -23C
- 4/3: Scattered altostratus, 12 kts, -26C

Dataman Account:

- Operating normally.
- 3/28: Transfer completed at 12:00z.
- 3/29: Transfer completed at 10:57z.
- 3/30: Transfer completed at 11:55z.

- 3/31: Transfer completed at 13:18z.
- 4/1: Transfer completed at 11:03z.
- 4/2: Transfer had nearly completed by 11:50z, but was stalled in transferring the last 5 MB. After several hours (13:44z), a lost connection error appeared and uploads then resumed, completing at 14:11z.
- 4/3: Transfer completed at 12:02z.

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:

- 3/28: Slides placed for collection from 11:35 to 14:10z. No particles were captured.
- 4/1: Slides placed for collection from 12:05 to 13:30z. No particles were captured.
- 4/2: Slides placed for collection from 12:04 to 12:50z. Irregular particles, aggregates, and an isolated bullet were photographed.

Radiosonde:

- Twice daily soundings.

MASC:

- Operating normally.
- 3/29: An error appeared on the MASC laptop: “Your Mac OS X startup disk has no more space available for application memory.” Pls are considering a response.