# ICECAPS Weekly Report

March 28, 2016 – April 3, 2016

Sam Dorsi



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.” PIs are considering a response.