

ICECAPS Weekly Report

April 3 – April 9, 2013

Sven Lidstrom – Phase I Tech



NOAA/ICECAPS dual launch on April 4.

General:

During the week heavy equipment continued to remove snow, build a snow pad at the new Greenhouse location and prepare the skiway.

04/03 Noticed that MSF inside temperature according to X-300 was at 68 F. Temperature went back to normal in the evening. Informed station manager and mechanic.

04/04 Together with the station manager traced the location of the X-300 sensors. Two out of the three sensors are located next to each other and behind a shelf. See photo below.

04/09 Shoveled snow from MSF roof 12.45-13.05 UTC.



X-300 temperature sensors located on MSF East wall.

Significant Weather Observations:

- 4/03 Freezing fog and halo in the morning. Freezing fog and a Sun pillar in the evening.
- 4/04 Freezing fog in the morning and freezing fog and fogbow in the afternoon.
- 4/05 Freezing fog in the morning, only vertical visibility. Freezing fog in the afternoon.
- 4/06 Freezing fog and halo in the morning,
- 4/09 Halo midday and later in the afternoon.

Dataman Account:

- Normal.

MWR:

- Normal.

SODAR:

- 04/09 Cleaned out enclosures 12.24 -12.35 UTC.

POSS:

- 04/04 Removed snow and rime from POSS.

MMCR:

- Normal.

CAPABL:

- Normal.

MPL:

- Normal.

VCEIL:

- Normal.

IceCAM:

- Normal.

PAERI:

- 04/08 Shelter fan stopped working approximately 18 UTC, it was removed 19.50 UTC and replaced with a new fan at 21.55 UTC.

ASIA-A:

- 04/05 Lost communication at 23.30 UTC. Several reboots needed before Radiometer became operational again at 12.00 UTC on 4/06.

IcePIC:

- No pictures taken.

Radiosonde:

- 04/03 Morning sonde terminated at 8731m (303 hPa)
- 04/04 Morning sonde launched together with NOAA Ozone balloon and reached 37237 m (3.1 hPa)
- 04/05 After several sondes terminated at a lower altitude than normal a new balloon box was open.



The 2 newly open balloon boxes.