

ICECAPS Weekly Report

May 15 – May 21, 2013

Ben Castellani



General:

- MSF pad was flagged off on 5/14. No further progress towards move. It appears now that the move will be pushed back until July due to weather delaying the carpenters' progress.
- 05/16 Camp-wide power outages as generators were swapped for maintenance. 1156-1159 UTC and 2046-2048 UTC. All instruments appear fine.

Significant Weather Observations:

- 05/15 Beautiful weather. No wind. Sundogs periodically throughout day.
- 05/16 Clear skies in morning with diamond dust and halos. Increasing winds through day to 30+ knots.
- 05/17 Clear skies. Windy up to 30 knots increasing through day. Intermittent halos and sun dogs.
- 05/18 Increasing winds up to 35 knots by evening. Blowing snow.
- 05/19 Winds 15-25 knots all day. Blowing snow and light snow.
- 05/20 Beautiful and winds less than 10 knots. Very light snow and accumulations. Warmest day up to -14C.
- 05/21 Sunshine and winds around 5 knots all day.

Dataman Account:

- Normal.

MWR:

- Empty LN2 dewar awaiting transit back to NY.

SODAR:

- 05/15 Removed snow from enclosures. 1141-1146 UTC.

POSS:

- Normal.

MMCR:

- Normal

CAPABL:

- OFFLINE until July.

MPL:

- Normal.

VCEIL:

- Normal.

IceCAM:

- Normal

PAERI:

- Normal.

ASIA-A:

- Normal

TSI:

- 05/16 -35C overnight.
- 05/18 -31C overnight
- 05/21 -32C overnight

IcePIC:

- 05/19 Pictures taken at 1930 UTC during a very light snow event. Bullet rosettes and columns.

Radiosonde:

- 05/16 Desiccant changed as ground values for RH were >0.5% consistently. 4 months since last change.
- 05/19 Time on computer 6 hours off. Updated to local time server at 11UTC. Caused the times for the sounding to be off.
- 05/21 Automatic time update schedule for computer changed from weekly to daily.