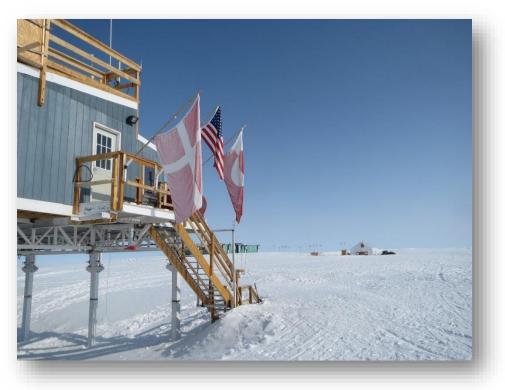
ICECAPS Weekly Report

July 14 – July 20, 2014 Lana Cohen



General:

- DV tour on 7/16 (DVs included US Ambassador to Denmark, Greenland govt representatives, and NSF managers).
- Noone group sharing space in MSF—left on 7/17.
- 7/18: work on MSF HRV system.

Significant Weather Observations:

- 7/14: overcast, light precip throughout the day
- 7/15: scattered cloud, some ice crystals in morning
- 7/16: overcast, precip w/15-20kt winds, clearing in afternoon
- 7/17: overcast, precip
- 7/18: overcast, light precip in morning
- 7/19: clear
- 7/20: morning fog, clear

Dataman Account:

• 7/19: No radiosonde and many MWR files didn't get transferred—"No such file or directory" errors; all files transferred on 7/20.

MWR:

- 150-90: operating normally.
- HATPRO: out for calibration and repairs.

SODAR:

• Operating normally.

POSS:

• Operating normally.

MMCR:

- Ongoing troubleshooting of radar systems.
- 7/18: Transferred spectrum file to Duane for troubleshooting (can create smaller spectrum files for transferring).

CAPABL:

• Ongoing troubleshooting of CAPABL data issues—Robert coming up in Aug.

MPL:

- Operating normally.
- 7/15: Afterpulse calibration

VCEIL:

• Operating normally.

Hotplate:

• Operating normally.

IceCAM:

• Operating normally.

PAERI:

• Operating normally.

ASIA-A:

• Operating normally.

TSI:

• Operating normally.

IcePIC:

- 7/14: Images taken—bullet rosettes, prisms, irregular crystals.
- 7/18: Images taken—bullet rosettes, needles, plates, dendrites.

MASC:

- 7/18: MASC not automatically triggering; power cycled MASC, still not triggering
- 7/19: rebooted and restarted MASC with laptop connected at instrument to try to troubleshoot triggering issue; MASC was able to capture images of objects dropped through and continued to work when computer brought back inside (and connected via cat5 extensions); later in the day MASC software was giving numerous microcontroller errors—rebooted everything, now not auto-triggering again.

Radiosonde:

- Twice daily sondes.
- 7/16, 12Z sonde launched early for flight ops. Closed out late due to DV tour.