

# ICECAPS Weekly Report

July 14 – July 20, 2014

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## 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.