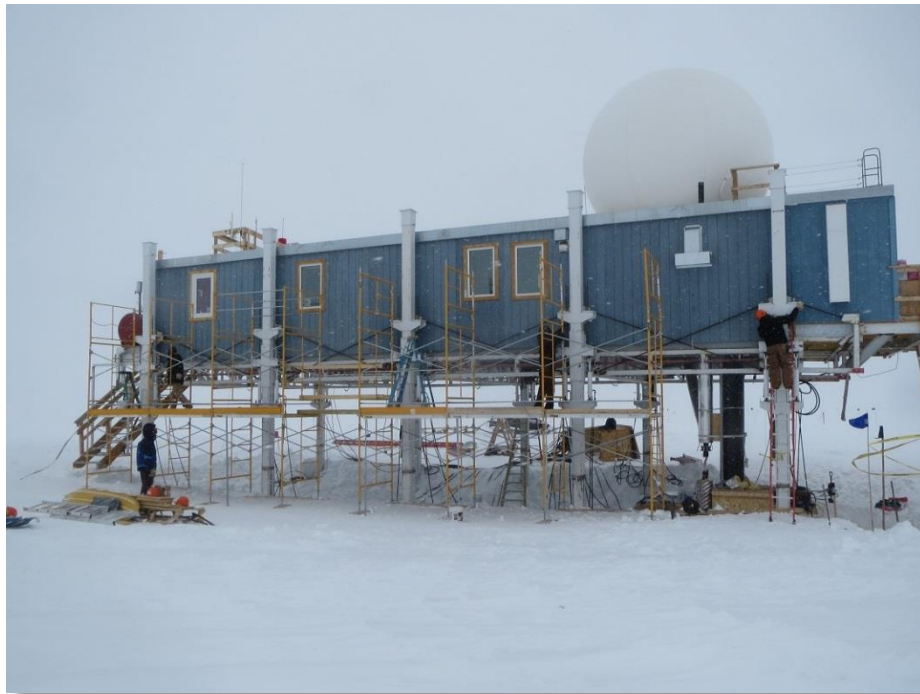


ICECAPS Weekly Report

July 21 – July 27, 2014

Lana Cohen



Big House being raised.

General:

- 7/22: Electrician installed new power line to precipitation instruments; swapped power for MASC, POSS, & Hotplate to new line on 7/24.
- VSAT overhaul postponed until next week (28-29 July).
- Big House raise—power & water out intermittently (internet outage for ~1hr on 7/24).

Significant Weather Observations:

- 7/21: scattered thin cloud 4-5km agl
- 7/22: mostly clear, some v. thin cloud at 4-5km agl
- 7/23: partly cloudy
- 7/24: overcast, fog
- 7/25: overcast, light precipitation all day
- 7/26: morning fog, scattered thin cloud, light precip in afternoon
- 7/27: morning fog, overcast

Dataman Account:

- 7/22: Data transfer problems traced to full USB archive disk; swapped out USB disk; Nate changed paths in transfer scripts to point to new disk. All data transferred by 7/24.
- 7/25: Data not all transferred overnight due to low bandwidth issues following yesterday's planned internet outage.

MWR:

- 150-90: operating normally.
- HATPRO: out for calibration and repairs.
- Found all Hatpro components, and inspected other MWR cables & connectors; communicated with Erik about sending up replacement cabling, connectors, etc.

SODAR:

- Operating normally.

POSS:

- Operating normally.
- 7/24: POSS unplugged from ~1700-1900UTC while swapping power to new line.

MMCR:

- Ongoing troubleshooting of MMCR...

CAPABL:

- Ongoing troubleshooting of CAPABL data issues...

MPL:

- Operating normally.

VCEIL:

- Operating normally.
- 7/24, 2045UTC: Computer rebooted due to Hotplate software errors.
- 7/25: Ceilometer mount down during data transfer; caught up on 7/26.

Hotplate:

- 7/24: Hotplate unplugged from ~1700-1900UTC while swapping power to new line; Labview errors when tried to reconnect; rebooted computer and restarted ~2045UTC.

IceCAM:

- Operating normally.

PAERI:

- 7/24: No data 5.57-6.16UTC.

ASIA-A:

- Operating normally.

TSI:

- Operating normally.

IcePIC:

- 7/25-26: Wasn't able to collect any flakes during precipitation event.

MASC:

- 7/25: Troubleshooting MASC—is taking images again as of ~1300UTC.
- 7/25-26: Took images during precipitation event.

Radiosonde:

- Twice daily sondes.
- 7/21, 24Z sounding failed soon after launch—wasn't discovered until close-out.