

ICECAPS Weekly Report

March 30 – April 5, 2015

Sam Dorsi



A pair of Yukimarimo are gathered in a protected depression. --SWD

General:

- 3/30: Yukimarimo observed during moderate winds in the morning. Spheres and disc-like shapes were found, with diameters from 0.75 to 2.5 cm.

Significant Weather Observations:

- 3/30: Drifting snow and scattered stratus, 16 kts, -40C
- 3/31: Drifting snow and scattered altostratus, 16 kts, -33C
- 4/1: Scattered altostratus, 11 kts, -41C
- 4/2: Few stratus, 9 kts, -47C
- 4/3: Overcast low stratus, light snow, 9 kts, -33C
- 4/4: Scattered altostratus, 9 kts, -37C
- 4/5: Clear skies, 0 kts, -42C

Dataman Account:

- Operating normally.
- 3/30 to 4/4: Data upload process continues to catch up with backlog of queued data.

- 4/4: As of about 16:00z, data uploads to Boulder have been completed up to current day.

MWR:

- HATPRO: operating normally.
- 150-90: operating normally.

SODAR:

- Operating normally.

POSS:

- Operating normally.

MMCR:

- Operating normally.

CAPABL:

- Offsite as of 8/19.
- Continuing to monitor water storage system during winter.

MPL:

- Operating normally.
- 4/3: AMCS card error occurred at 12:05z. Rebooted. Data collection resumed at 12:18z.

VCEIL:

- Operating normally.

Hotplate:

- Operating normally.

IceCAM:

- Operating normally.

PAERI:

- Operating normally.
- 3/31: PAERI shelter fan removed to clean rime from enclosed cavity above fan, 16:23z to 16:26z.

ASIA-A:

- Offline until summer due to broken radio component.
- 3/31: The dew blower heating on ASIA-A is not functioning. At the transformer, the heating element resistance registers as an open circuit. Pierre will be shipping this component back to manufacturer for repair when he is on-site in late April.

TSI:

- Offline and stored in MSF for winter.

IcePIC:

- 4/3: Photos were collected of small columns, simple prisms, and lightly rimed crystals.

Radiosonde:

- Twice daily sondes.
- 3/31: GPS data was not produced during 12z sounding.