

ICECAPS Weekly Report

January 30 – February 5, 2017

Sam Dorsi



A kite-borne camera offers an aerial perspective on the MSF and outlying facilities. SWD.

General:

- None.

Significant Weather Observations:

- 1/30: Overcast stratus, -31C, 9 kts.
- 1/31: Scattered stratus, -35C, 10 kts.
- 2/1: Few stratus, -40C, 7 kts.
- 2/2: Scattered stratus, -40C, 12 kts.
- 2/3: Scattered stratus, -37C, 4 kts.
- 2/4: Broken altostratus, -31C, 19 kts.
- 2/5: Few altostratus, -38C, 9 kts.

ICECAPS Data Management:

- 1/30: Data transfer complete at 20:10z.
- 1/31: Data transfer complete at 21:39z.
- 2/1: Data transfer complete at 21:34z.
- 2/2: Data transfer complete at 18:17z.
- 2/3: Data transfer complete at 19:21z.
- 2/4: Data transfer complete at 19:29z.
- 2/5: Data transfer complete at 19:40z.

MWR:

- Operating normally.

SODAR:

- Operating normally.
- 2/4: Cleaned snow out of transmitter and receiver dishes 14:22-14:28z.

POSS:

- Operating normally.

MMCR:

- Operating normally.
- Pitch -0.09, roll -0.10 as of 2/5.

CAPABL:

- Operating normally.

MPL:

- Operating normally.
- 1/30: Monthly afterpulse calibration performed 16:35 – 16:56z.

VCEIL:

- Operating normally.

Hotplate:

- Offsite for repairs since 6/9/2016.

IceCAM:

- Operating normally.

PAERI:

- Operating normally.
- 1/31: Removed shelter fan housing, replaced fan with a used/rebuilt fan, and reinstalled (19:45z). Rebuilt the newly removed fan for future swap.

TSI:

- Stored in MSF for winter.

IcePIC:

- 2/2: Slides placed for collection 12:45-13:03z. Particles photographed include solid columns, isolated bullets, radiating plates, irregulars and rimed particles.

Radiosonde:

- Twice daily soundings.

MASC:

- Offsite for repairs since 5/3/2016.