

ICECAPS Weekly Report

February 29, 2016 – March 6, 2016

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The MSF and Big House appear at the end of the bamboo forest flagline. SWD.

General:

- Season inventory performed of ICECAPS radiosonde He cylinders.

Significant Weather Observations:

- 2/29: Overcast stratus, 7 kts, -28C
- 3/1: Few stratus and scattered altostratus, 9 kts, -33C
- 3/2: Freezing fog, 9 kts, -33C
- 3/3: Broken stratus and freezing fog, 14 kts, -33C
- 3/4: Freezing fog, 8 kts, -34C
- 3/5: Overcast stratus and freezing fog, 12 kts, -22C
- 3/6: Overcast stratus and freezing fog, 10 kts, -26C

Dataman Account:

- Operating normally.
- 2/29: Backlog 850 MB at 12:30z.
- 3/1: Backlog 825 MB at 12:45z.
- 3/2: Backlog 790 MB at 13:00z.
- 3/3: Backlog 560 MB at 12:30z.

- 3/4: Backlog 560 MB at 13:00z.
- 3/5: Backlog 415 MB at 12:30z. A total of 2.32 GB was transferred in the previous two days, but the backlog was only reduced by 145 MB (i.e., one sodar file).
- 3/6: Backlog 411 MB at 12:15z.

MWR:

- HATPRO removed for repairs.

SODAR:

- Operating normally.

POSS:

- Operating normally.

MMCR:

- Operating normally.
- Measurements of roll, pitch and outdoor temperature appear erroneous.

CAPABL:

- Operating normally.

MPL:

- Operating normally.

VCEIL:

- Operating normally.

Hotplate:

- Operating normally.

IceCAM:

- Operating normally.

PAERI:

- Operating normally.

TSI:

- Stored in MSF and awaiting warmer temperatures for redeployment.

IcePIC:

- 2/29: Particles collected from 12:46z to 13:45z. Collection was 6 m west of MSF in very low winds. Photographs show bullet rosettes and aggregates.

Radiosonde:

- Twice daily sondes.

MASC:

- Operating normally.

- 3/6: Found 20 'camera bus reset' errors to have appeared by 12:15z.