

ICECAPS Weekly Report

February 10 – February 16, 2014

John Lyons

General:

- MSF facility operating normally.

Significant Weather Observations:

- 2/10: Winds 126 at 14kn, -45C, 64%, FEW
- 2/11: Winds 171 at 11kn, -45C, 63%, FEW, scattered FZFG near ground level
- 2/12: Winds 188 at 6kn, -50C, 58%, FEW
- 2/13: Winds 127 at 14kn, -39C, 69%, SCT-FZFG-DRSN
- 2/14: Winds 146 at 5kn, -38C, 69%, BKN-FZFG
- 2/15: Winds 143 at 12kn, -43C, 66%, SKC, patches of FZFG nearby
- 2/16: Winds 162 at 12kn, -38C, 71%, BKN-DRSN

Dataman Account:

- Operating normally

MWR:

- Operating normally

SODAR:

- Operating normally

POSS:

- Operating normally

MMCR:

- Operating normally

CAPABL:

- No longer operating

MPL:

- 2/11: Afterpulse calibration

VCEIL:

- Operating normally

IceCAM:

- Old Microsoft Lifecam removed and stored with cables in MSF

PAERI:

- 2/12: AERI data display screen not present, Ingest, Mirror Monitor, and data files all normal

ASIA-A:

- 2/13: Time and communications error, PC and radiometer rebooted
- 2/16: Time and communications error, PC and radiometer rebooted

TSI:

- Offline for winter

IcePIC:

- 2/11: Small columns and bullet rosettes, with a few larger bullets and rosettes
- 2/13: All small: needles, prisms, rime pellets
- 2/16: Primarily smaller prisms and needles, some larger bullets, rosettes, columns, rime clumps

Radiosonde:

- 2/12 12Z: Base station could not acquire GPS position, even after multiple reboots, so sounding system would not allow use of wind signals. Sonde launched as PTU sonde only. GPS fix re-established in afternoon.
- Twice daily sondes