

# ICECAPS-ACE Weekly Report

May 6- May 12, 2019

Jonathon Miller



*Heather Guy working on the Sonic Anemometer at MSF.*

**General Notes:**

Email issues with “mail.summitcamp.org” mail server resulted in multiple accounts being unable to send emails for several days. A temporary workaround was implemented and the issue has since been resolved.

**General Weather Observations:**

Date	Time (Z)	Wind	Weather	Visibility	Sky	Temp	Notes
May 6	12:00	16	BLSN	800	OVC010	-19	
May 7	12:00	5	BR	9999	SCT100	-24	
May 8	12:00			9999	FEW		
May 9	12:00	10	BR	4800	OVC025	-22	
May 10	12:00	7		9999	SKC	-26	
May 11	12:00	4		9999	FEW	-25	
May 12	12:00	5		9999	SKC	-24	

**Significant Weather Observations:** Normal

**ICECAPS-ACE Data Management Transfer**

May 6	<i>Not documented</i>
May 7	04:47:18Z
May 8	04:46:26Z
May 9	04:44:48Z
May 10	04:43:42Z
May 11	04:46:13Z
May 12	04:43:31Z

**MWR:**

- Operating normally.

**SODAR:**

- **May 08:** Cleaned snow and leveled.
- Operating normally.

**POSS:**

- Operating normally

**MMCR:**

- **May 09:** LabView Open file / GPIB error on the radar-dm computer. The “continue button” was pressed and the MMCR resumed normal operation.
- **May 11:** The LapXM (mmcr-radar) had multiple errors recorded in the log.
- **May 12:** The LapXM (mmcr-radar) errors were cleared and the instrument appears to be operating normally.
- Temp (outside) value continues out of tolerance (at 30)

**CAPABL:**

- Instrument offline.

**MPL:**

- Operating normally.

**VCEIL:**

- Operating normally.

**IceCAM:**

- Operating normally

**PAERI:**

- Operating normally.

**TSI:**

- Offline for winter season.

**IcePIC:**

- No images.

**Radiosonde:**

- Twice daily launches.

**MASC:**

- Instrument offsite for repair, will not return until summer 2019.

**OPC:**

- Operating normally.

**CLASP:**

- Instrument off site.

**CPC:**

- **May 08:** Data plot stopped recording data around 20:30Z. Restarted system and data plot continued normally
- **May 09:** No power to CPC. Data collection stopped around 18:30Z. Heather Guy isolated issue to loose power cable. System was restarted at 11:00Z
- **May 11:** CPC lost powered down again at 23:00Z. Heather installed plug retention sleeves to remedy loose cable issues.
- **May 12:** Operating normally