**ICECAPS Weekly Report**

July 30 – August 5, 2018

Hannah James

PHOTO

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**General:**

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**Significant Weather Observations:**

* 07-30: Ovc stratus. -2C, 5 kts.
* 07-31: Bkn stratocumulus, bkn altocumulus, bkn cirrostratus. -4C, 12 kts.

**ICECAPS Data Management:**

* 07-23: Data transfer complete 15:21Z.
* 07-24: Data transfer complete 14:22Z.
* 07-25: Data transfer did not complete due to internet outage with SRI’s remote work. Manual transfer started again at 21:27Z, complete following day at 02:28Z.
* 07-26: Data did not transfer due to incorrect IP address on Boulder end of ICECAPS link. Manual transfer started at 17:25Z, complete following day.
* 07-27: Data transfer from past two days complete at 13:38. Upload speeds were resolved by SRI and Speedcast. MMCR mount down, Matt Shupe started remotely.
* 07-28: Data transfer complete 05:13Z.
* 07-29: Data transfer complete 04:43Z. CAPABL mount down overnight.

**MWR:**

* As of 10-28, 150-90 operating in V11\_SCAN\_HF.MBF.

**SODAR:**

* Operating normally.

**POSS:**

* Operating normally in old software.

**MMCR:**

* Operating normally.
* Pitch 0.00, Roll 0.00.
* 07-23: 12:34Z- Receiver Cal Error 7 found, “Continue” selected. Daily checks pass afterwards, though daily calibration was skipped due to the error being present at 12:30Z.
* 07-26: NetCDF errors found. Reboot performed 18:09-19:07Z. Four reboots performed before system restarted correctly.
* 07-27: Mount down overnight, previous day’s data did not transfer. Transfer started remotely by Matt Shupe.

**CAPABL:**

* Operating normally in Floating Ref Laser 2.
* 07-27: Computer clock 30 seconds behind GPS time. Adjusted 12:15Z.
* 07-28: Disk Boot Error found. Turned Laser 2 off, power cycled Licel, Meadowlark, and computer. Attempts to restart LabView in the normal Laser 2 Ops mode were unsuccessful. Robert had me power cycle the mirrors and load the Floating Ref Laser 2 file. CAPABL returned to normal data operations at 17:40Z.

**MPL:**

* Operating normally.
* 07-27: Computer 20 seconds ahead of GPS, reset at 12:32Z.

**VCEIL:**

* Operating normally.

**IceCAM:**

* Operating normally.

**PAERI:**

* Operating normally.

**TSI:**

* Operating normally.

**IcePIC:**

* No images captured this week.

**Radiosonde:**

* Twice daily soundings.

**MASC:**

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