

# ICECAPS Weekly Report

August 22, 2016 – August 28, 2016

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Lower tangent arc captured during ICESat. –Travis, 8/24

## General:

- Nothing to report.

## Significant Weather Observations:

- 8/22: Sct FZFG, Few Cirrus. -13C, 3kts, 189°. Visibility 800m.
- 8/23: Ovc FZFG. -13C, 12kts, 213°. Visibility 200m.
- 8/24: Ovc FZFG, Ovc Cumulostratus. Visibility 400m. Lower tangent arc ~1800z.
- 8/25: Ovc Stratus, -SN, -6C, 10kts, 45°. Visibility 800m.
- 8/26: Sct FZFG, Bkn Stratus. Visibility 800m. Parhelia 2234z.
- 8/27: Few Stratus in distant horizon. -24C, 7kts, 62°. Visibility unlimited. Corona ~1300z.
- 8/28: Bkn Altocumulous. -14C, 8kts, 16°. Visibility 4800m.

## Dataman Account:

- 8/22: Data transfer complete at 0538z.
- 8/23: Data transfer complete at 0646z.
- 8/24: Data transfer complete at -----.
- 8/25: Data transfer complete at 0604z.
- 8/26: Data transfer complete at 0618z.
- 8/27: Data transfer complete at 0608z.
- 8/28: Data transfer complete at 0607z.

## MWR:

- Operating normally.

**SODAR:**

- Operating normally.
- Heavy equipment operating daily for berm construction.

**POSS:**

- Operating normally.
- 8/22: DC offset, fault code 2001, at 1133z.

**MMCR:**

- Operating normally.
- Reveled MSF on 8/15. Pitch 0.01, roll -0.04 as of 8/28.
- 8/22: No data taken since 8/21 0505z. Several manual and automatic reboots attempted from 1744-1905z (8/22). Data logging resumed at ~1930z.

**CAPABL:**

- Operating normally.

**MPL:**

- Operating normally.
- 8/25: Cleaned window of snow and water droplets (but continuing to snow). Synced computer clock to MSF time server. Error in Hardware Status: Vantage view communication error (17:36). Emailed Matt Shupe regarding this. No error as of 8/26, data continued logging normally.
- 8/27: Same error as 8/25 above. Same time too. Maybe it's the same error and just didn't clear itself.

**VCEIL:**

- Operating normally.

**Hotplate:**

- Off site for repairs since 6/9/2016.

**IceCAM:**

- Operating normally.

**PAERI:**

- Operating normally.

**TSI:**

- Operating normally.
- 8/25: Removed/cleaned layer of snow from mirror.
- Due to decreasing angle of the sun, false low cloud coverage is reported during the early morning and late evening hours, and there are no raw or processed photos from ~0625z-2250z as of 8/28 (time increasing each day).

**IcePIC:**

- 8/XX Slides placed for collection XXXXXz. Images photographed include XXXXXXXX.

**Radiosonde:**

- Twice daily soundings.
- 8/23: 1<sup>st</sup> morning sonde failed to transmit, so a 2<sup>nd</sup> morning sonde was launched.
- 8/28: 1<sup>st</sup> evening sonde lost communication ~1 min into launch. 2<sup>nd</sup> evening sonde launched.

**MASC:**

- Offsite for repairs since 5/3/2016.