

ICECAPS Weekly Report

September 12, 2016 – September 18, 2016

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Paraselene behind the Big House. –Travis, 9/13

General:

- Nothing to report.

Significant Weather Observations:

- 9/12: Bkn Stratocumulus, -16C, 13kts, Visibility 4800m dropping to 3200m by midday. –SN in the morning (~0955z), IC 1534z
- 9/13: Bkn Stratocumulus, -17C, 8kts, Visibility 3200m. Parhelia at 1210z, IC at ~1400z and 2330z. Paraselene at 2330z
- 9/14: Sct Status, BLSN, -16C, 16kts, Visibility 1600m. Halo at 1139z. Parhelia at 1414z and ~1720z.
- 9/15: Sct Altocumulus becoming clear, -20C, 8kts, Visibility 4800m. Corona at 1130z.
- 9/16: Ovc Stratus, -18C, 7kts, Visibility 4800m
- 9/17: Bkn Cumulous and Stratocumulus, -20C, 5kts, Visibility 4800m.
- 9/18: Bkn Stratocumulus, -27C, 8kts, Visibility 4800. DRSN.

Dataman Account:

- 9/12: Data transfer complete at 0610z.
- 8/13: Data transfer complete at 0559z.
- 8/14: Data transfer complete at 0606z.
- 9/15: Data transfer complete at 0606z.

- 9/16: Data transfer complete at 06010z. One file not sent to Boulder: "LCVR_NotOn.zip 35 bytes link (broken)"
- 9/17: Data transfer complete at 0609z.
- 9/18: Data transfer complete at 0609z

MWR:

- Operating normally.

SODAR:

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

POSS:

- Operating normally.

MMCR:

- Operating normally.
- TWTA Cathode Voltage out of range throughout week.
- Pitch 0.12, roll -0.08 as of 9/18.

CAPABL:

- Operating normally.
- 9/15: Shut down for window clearing at 1230z. Zeroing procedure accidentally initiated upon restart, and laser shut down. Began laser alignment at 2028z with help from Robert. Laser was aligned as well as possible considering the cloudy conditions and resumed logging at 2050z. A better alignment will be attempted with Robert as soon as clear skies allow.

MPL:

- Operating normally.
- VantageVue communication error (15:57) remains on log.
- "Missing calibration files: Overlap, Dead Time Correction" messages also present throughout week.

VCEIL:

- Operating normally.

Hotplate:

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

IceCAM:

- Operating normally.

PAERI:

- Operating normally.

TSI:

- Operating normally.

- 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 ~0803z-2036z as of 9/18 (time increasing each day). TSI will be taken down later this week due to decreasing temperatures.

IcePIC:

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

Radiosonde:

- Twice daily soundings.
- 9/17: During the morning launch, the computer was receiving a signal from the sondes, but no data was being transmitted. A reboot of the computer fixed this. The morning sonde was launched late because of this issue.

MASC:

- Offsite for repairs since 5/3/2016.