

ICECAPS-ACE Weekly Report

January 28 – February 3, 2019

Gus Allen



A halo around the moon is made continuous by ice crystals on the surface of the snow.

General Notes: Nate Bowker, the replacement ICECAPS tech, is scheduled to arrive on Thursday. I have been preparing to turnover to him.

Significant Weather Observations:

Date	Time (Z)	Wind	Weather	Visibility	Sky	Temp	Notes
1-28	12	12kt from 080	FZFG	400	BKN003	-34	
1-29	12	17kt from 090		9999	FEW100	-46	brr
1-30	12	10kt from 190		9999	SCT100	-45	
1-31	12	16kt from 080		9999	FEW100	-50	
2-1	12	17kt from 110		9999	SKC	-49	
2-2	12	07kt from 230	FZFG	0400	VV003	-41	Rapidly warming
2-3	12	18kt from 060		9999	FEW100	-48	Nearly clear

ICECAPS-ACE Data Management:

- 1-28: Data transfer complete at 1620Z
- 1-29: Data transfer complete at 1404Z
- 1-30: ICECAPS linux system found not responding at the desktop.
- 1-30 1900Z: ICECAPS linux server restarted; Matt restarted data transfer.
- 1-31: Data transfer complete at 1950Z.
- 2-1: Data transfer complete at 1331Z
- 2-2: Data transfer complete at 1330Z
- 2-3: Data transfer complete at 1430Z

MWR:

- Operating normally.

SODAR:

- Operating normally.

POSS:

- 2-3: POSS stand raised. Data acquisition stopped 1305Z, restarted 1441Z
- Operating normally.

MMCR:

- Temp (outside) value continues out of tolerance (at 30)
- Operating normally.

CAPABL:

- 1-31: CAPABL found not lasing – Robert logged on and restarted it.
- 2-1: Clear conditions allowed Neely and I to perform an alignment.
- Instrument currently operating normally using laser 2

MPL:

- Operating normally.

VCEIL:

- Operating normally.

IceCAM:

- Operating normally.

PAERI:

- Operating normally.

TSI:

- Offline for winter season.

IcePIC:

- No images captured this week.

Radiosonde:

- Twice daily launches.

MASC:

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

OPC:

- OPC is operational and collecting data.
- The ACE mount is not present for DATAMAN, so OPC data are not being transferred offsite. Neely is working on this issue.

CLASP:

- Instrument off site.

CPC:

- Instrument off site.