

ICECAPS-ACE Weekly Report

April 29 – May 5, 2019

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This summer's first LC-130 taxiing on the skiway.

General Notes:

On 2019-04-30T12:15:00Z the main UPS experienced a failure that resulted in a ungraceful power shutdown of all Icecaps instruments. The PAERI, MMCR and ACE restarted automatically. The remaining instruments were restarted manually as described in the protocols.

General Weather Observations:

Date	Time (Z)	Wind	Weather	Visibility	Sky	Temp	Notes
4-29	12	8kt from 120		9999	FEW100	-20	CLD HT EST
4-30	12	4kt from 173		9999	FEW032, FEW165	-17	
5-1	12						
5-2	12	3kt from VRB	-SN	9999	OVC008	-15	
5-3	12	6kt from 305	-SN	5000	OVC013	-15	
5-4	12	12kt from 265	BLSN	5000	BKN016	-18	
5-5	12	17kt from 280	BLSN	800	OVC 010	-11	

Significant Weather Observations: Normal

ICECAPS-ACE Data Management:

- 4-29: Data transfer completed at 04:56:00Z.
- 4-30: Data transfer completed at 05:01:59Z.
- 5-1: Data transfer completed at 04:36:51Z.
- 5-2: Data transfer completed at 04:53:16Z.
- 5-3: Data transfer completed at 04:59:08Z.
- 5-4: Data transfer completed at 04:45:37Z.
- 5-5: Data transfer completed at 05:02:48Z.

MWR:

- Performed LN2 calibration on HATPRO and 150/90 radiometers at 2019-05-01T11:13Z.
- Performed LN2 calibration on HATPRO at 2019-05-02T18:33Z.
- Performed LN2 calibration on HATPRO at 2019-05-03T17:18Z.
- Operating normally.

SODAR:

- Cleaned snow and leveled, 2019-05-02T17:26Z to 17:39Z
- Operating normally.

POSS:

- Operating normally

MMCR:

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

CAPABL:

- Instrument disconnected and packed for servicing.

MPL:

- Operating normally.

VCEIL:

- Operating normally.

IceCAM:

- Operating normally

PAERI:

- Operating normally.

TSI:

- Offline for winter season.

IcePIC:

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Radiosonde:

- Twice daily launches.

MASC:

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

OPC:

- Operating normally.

CLASP:

- Instrument off site.

CPC:

- Operating normally