

# ICECAPS-ACE Weekly Report

March 11 – March 17, 2019

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*Yukimarimo on 3-13.*

**General Notes:** Tis the season for summer work planning! Please let me know if you have any questions about your tools, materials, or other supplies currently stored up at Summit.

## General Weather Observations:

Date	Time (Z)	Wind	Weather	Visibility	Sky	Temp	Notes
3-11	12	14kt from 110		9999	FEW100	-50	
3-12	12	10kt from 200		9999	FEW013 SCT080	-50	
3-13	12	10kt from 180	BR	3200	SCT065	-46	
3-14	12	2kt from 080		9999	FEW100	-45	
3-15	12	10kt from 200		9999	SCT046	-52	
3-16	12	9kt from 200	FZFG	0800	BKN065	-48	
3-17	12	14kt from 190	FZFG	0800	FEW030	-49	

**Significant Weather Observations:**

- 3-13: Yukimarimo formation observed from ~1530 – 2200z.
- 3-14: Particularly intense fata morgana observed from ~1130 – 1430z.

**ICECAPS-ACE Data Management:**

- 3-11: Data transfer completed at 1024z.
- 3-12: Data transfer completed at 1150z.
- 3-13: Data transfer completed at 1044z.
- 3-14: Data transfer completed at 1103z.
- 3-15: Data transfer completed at 1024z.
- 3-16: Data transfer completed at 1030z
- 3-17: Data transfer completed at 1112z.

**MWR:**

- Operating normally.

**SODAR:**

- 3-15 1838-1852Z: Cleaned and releveled dishes.
- Operating normally.

**POSS:**

- Operating normally

**MMCR:**

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

**CAPABL:**

- Instrument currently offline.

**MPL:**

- 3-15: Afterpulse calibration performed.
- Operating normally.

**VCEIL:**

- Operating normally.

**IceCAM:**

- 3-14 1045z: No image captured.
- Operating normally

**PAERI:**

- Operating normally.

**TSI:**

- Offline for winter season.

**IcePIC:**

- 3-13: Two sampling sessions photographed and uploaded.
- 3-16: One sampling session photographed and uploaded.

**Radiosonde:**

- 3-17: 0000Z sonde data collected but did not transmit to DMI.
- Twice daily launches.

**MASC:**

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

**OPC:**

- Operating normally.

**CLASP:**

- Instrument off site.

**CPC:**

- 3-12: Changed carbon filter on outlet line
- 3-13: Found with "Air pump problem" alarm. Cleared small blockage at the end of the outlet tube and restarted at 1247z.
- 3-14: Installed wind shield on sample inlet.
- Operating normally