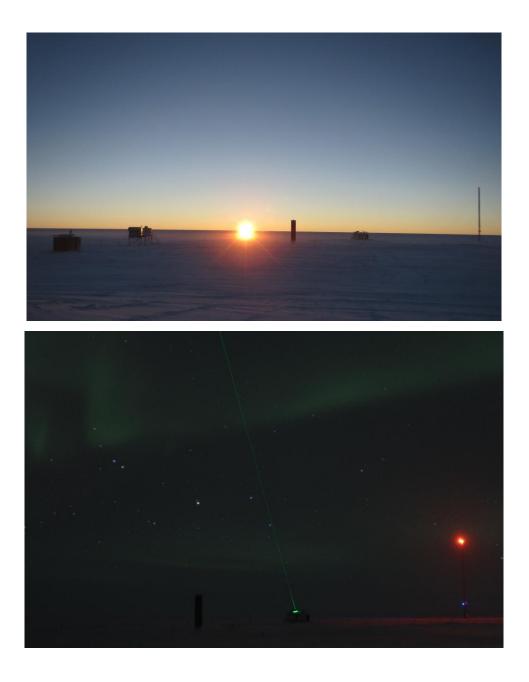


Summit Station Weekly Science Report

Reporting Period: Sept 30-Oct. 6, 2013

Completed by: Shawntel Stapleton, David Benson, Lana Cohen

Comments: This week had mixture of high winds, north winds and our coldest days so far. We are gradually finishing up station clean up, there is still plenty of snow to be moved, but much of the equipment will soon be winterized due to steady low temperatures. We are prepping for the upcoming turnover with the new techs in a little over two weeks, and have been cleaning things up and making sure station is ready and we are ready for the next crew. The clear skies this week have made for some stunning sunrises and good aurora viewing. (Photo of MSF Lidar and auroras by David Benson.)





Please visit the clean air log at ftp://ftp.summitcamp.org/pub/data/GEOSummit/Clean%20Air%20Traffic/

Facilities	Comment
TAWO	
MSF	Network outage on 10/5 ~1.00-10.00UTC delayed some of the ICECAPS nightly data transfer until 10/6.
Green House	Correction to last weeks weekly, the installed a grounding line was directly to the generators and not to the Big House.
Experiment	Notes
NOAA CATS GC	Comment: % of time operating: 100%
NOAA CCGG flasks	Comment: Sample collection date(s): 9/30/2013
NOAA HATS flasks	Comment: Sample collection date(s): 9/30/2013
NOAA Surface Ozone	Comment: % of time operating: 100% Data on ftp server: 9/30/2013
NOAA Aethelometer	Comment: % of time operating: 100% Data on ftp server: n/a
NOAA Met Suite	Comment: 10M wind bird is online and running. We are continuing o diagnose issues for the new wind bird. % of time operating: 100%
NOAA Ozonesonde	Comment: Dual launch with ICECAPS radiosonde. Changed to morning launches due to lack of sunlight in the evenings. Date launched: 10/03/2013
NOAA Clidar	Comment: Not collecting data. % of time operating: 0%
NOAA CLAP/PSAP/Neph	Comment: % of time operating: 100%
NOAA Radiometers	Comment: % of time operating: 100%
NOAA Firn Air Sampling	Comment:
Radionuclide filter	Comment: % of time operating: 100%
Aerosol DRUM sampler	Comment: Taken offline and returned to PI. % of time operating: 0%
UCM Surface Samples	Comment: Sample collection date(s): 10/01/2013, 10/04/2013 Data on ftp server: 10/01/2013, 10/04/2013
DRI Surface Samples	Comment: Sample collection date(s): 10/01/2013



	Data on ftp server: 10/01/2013
UCM Snow Pit	Comment:
	Sample collection date: 9/23/2013
UCM String Pit	Comment: Last laid String 10/01/2013.
	Measurement date:
Bamboo Forest	Comment:
	Observation date: 10/02/2013
	Data on ftp server: 10/02/2013
ICESat accumulation	Comment:
	Observation date:
BSI UVSIMN	Comment: Absolute scan performed on 9/25/2013.
	% of time operating: 100%
Hanka Seismometer	Comment:
	% of time operating: 100%
UNAVCO	Comment: Base Station was fried during high wind event, due to inadequate
	grounding. A new Base Station and surge protector are being sent up at the
	end of October.
Helmig GC	Comment:
	% of time operating: 100%
Kramer NOx	Comment:
Kramer NOX	% of time operating: 100%
Eong Sampling	Comment:
Feng Sampling	Sample collection date(s): Oct 1 st & 2 nd
Noone Snow Sampling	Comment:
	Sample collection date(s): Site visited daily, surface samples collected daily;
	drift and rime samples collected when appropriate.
Noone Tower Instruments	Comment:
Hamilton Polarsondes	Comment:
Hamilton Folarsondes	Date launched:
Steffen Tower Instruments	Comment:
	Data on ftp server: 9/30/2013
Steffen Solar Instruments	Comment: PFR offline for winter.
	Data on ftp server: 9/30/2013
Total Sky Imager	Comment: Offline for winter.
	% of time operating:
ICECAPS Radiosonde	Comment:
	Dates launched: Twice daily radiosonde launches; Thurs morning dual launch
	with ozonesonde.
ICECAPS MWR	Comment:
	% of time operating: 100
ICECAPS SODAR	Comment:
	% of time operating: 100
ICECAPS POSS	Comment:
	% of time operating: 100
ICECAPS MMCR	Comment:

POLAR FIELD SERVICES



	% of time operating: 100
ICECAPS CAPABL	Comment:
	% of time operating: 90
ICECAPS MPL	Comment:
	% of time operating: 100
ICECAPS Ceilometer	Comment:
	% of time operating: 100
ICECAPS PAERI	Comment:
	% of time operating: 100
ICECAPS IcePIC	Comment: Pics taken 10/4
	% of time operating:
ASIAA MWR	Comment:
	% of time operating: 100