

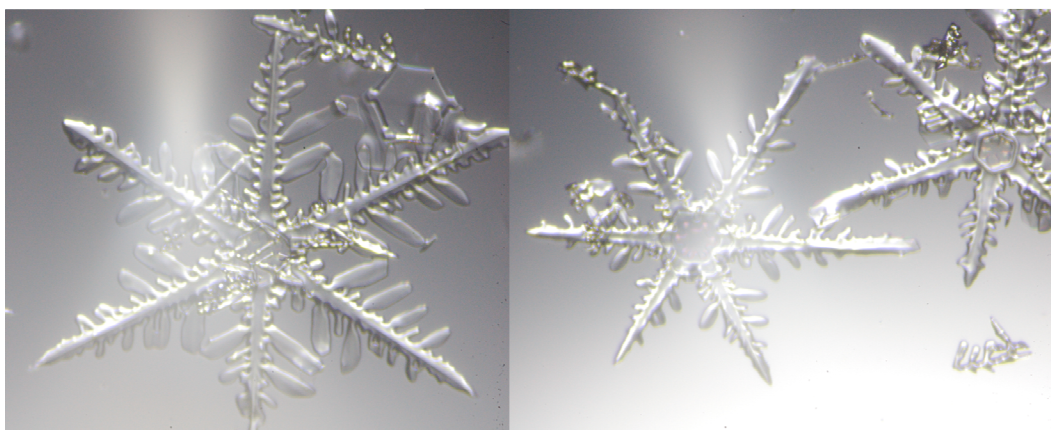
Summit Station Weekly Science Report

Reporting Period: Oct. 14- Oct. 20, 2013

Completed by: Shawntel Stapleton, David Benson, Lana Cohen

Comments: This week entailed our ICESat run and 1M snow pit sampling, on top of our daily science tasking. We also continued to help with station tasking. We have our turnover schedules lined up and are working on our End of Season reports. We have some odds and ends to tie up before we feel prepared for the next crew. We still have sunlight throughout the day, but the days are getting shorter and shorter.

An unseasonably warm storm on the 15th and 16th brought lots of fluffy snow:



Please visit the clean air log at

<ftp://ftp.summitcamp.org/pub/data/GEOSummit/Clean%20Air%20Traffic/>

Facilities	Comment
TAWO	
MSF	Cleared drifts around MSF.
Green House	
Experiment	Notes
NOAA CATS GC	Comment: % of time operating: 100%
NOAA CCGG flasks	Comment: Sample collection date(s): 10/14/2013
NOAA HATS flasks	Comment: Samples now taken every other week, as per protocols. Sample collection date(s): 10/7/2013
NOAA Surface Ozone	Comment: % of time operating: 100% Data on ftp server: 10/14/2013

NOAA Aethelometer	Comment: % of time operating: 100% Data on ftp server: 10/14/2013
NOAA Met Suite	Comment: 10M wind bird is online and running. We are on standby for diagnosing 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: 10/17/2013
NOAA Clidar	Comment: % 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): 10/14/2013, 10/18/2013 Data on ftp server: 10/14/2013, 10/18/2013
DRI Surface Samples	Comment: Collected near and far samples, coinciding with ICESat. Sample collection date(s): 10/16/2013 Data on ftp server: 10/16/2013
UCM Snow Pit	Comment: Sample collection date: 10/14/2013
UCM String Pit	Comment: Sampled 1M pit at strings, 10/14/2013. Measurement date: 10/14/2013
Bamboo Forest	Comment: Observation date: 10/16/2013 Data on ftp server: 10/16/2013
ICESat accumulation	Comment: Observation date: Last ICESat 10/16/2013
BSI UVSIMN	Comment: Absolute scan performed on 10/08/2013. % of time operating: 100%
Hanka Seismometer	Comment: % of time operating: 100%
UNAVCO	Comment: A new Base Station and surge protector will arrive this week.
Helmig GC	Comment: % of time operating: 100%
Kramer NOx	Comment: % of time operating: 100%
Feng Sampling	Comment: Sample collection date(s): October 15 & 16 th
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: Date launched: Sonde launched Oct 16 th .
Steffen Tower Instruments	Comment: Data on ftp server: 10/14/2013
Steffen Solar Instruments	Comment: PFR offline for winter. Data on ftp server: 10/14/2013
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: % of time operating: 100
ICECAPS CAPABL	Comment: Restarting computer every other day to minimize data loss. % of time operating: 100
ICECAPS MPL	Comment: % of time operating: 100
ICECAPS Ceilometer	Comment: % of time operating: 100
ICECAPS PAERI	Comment: Fan bearings seized; replaced fan 10/16. % of time operating: 90
ICECAPS IcePIC	Comment: Pics taken on 15, 16 th . % of time operating:
ASIAA MWR	Comment: % of time operating: 100