

Contacts
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Datagrams:
Summit



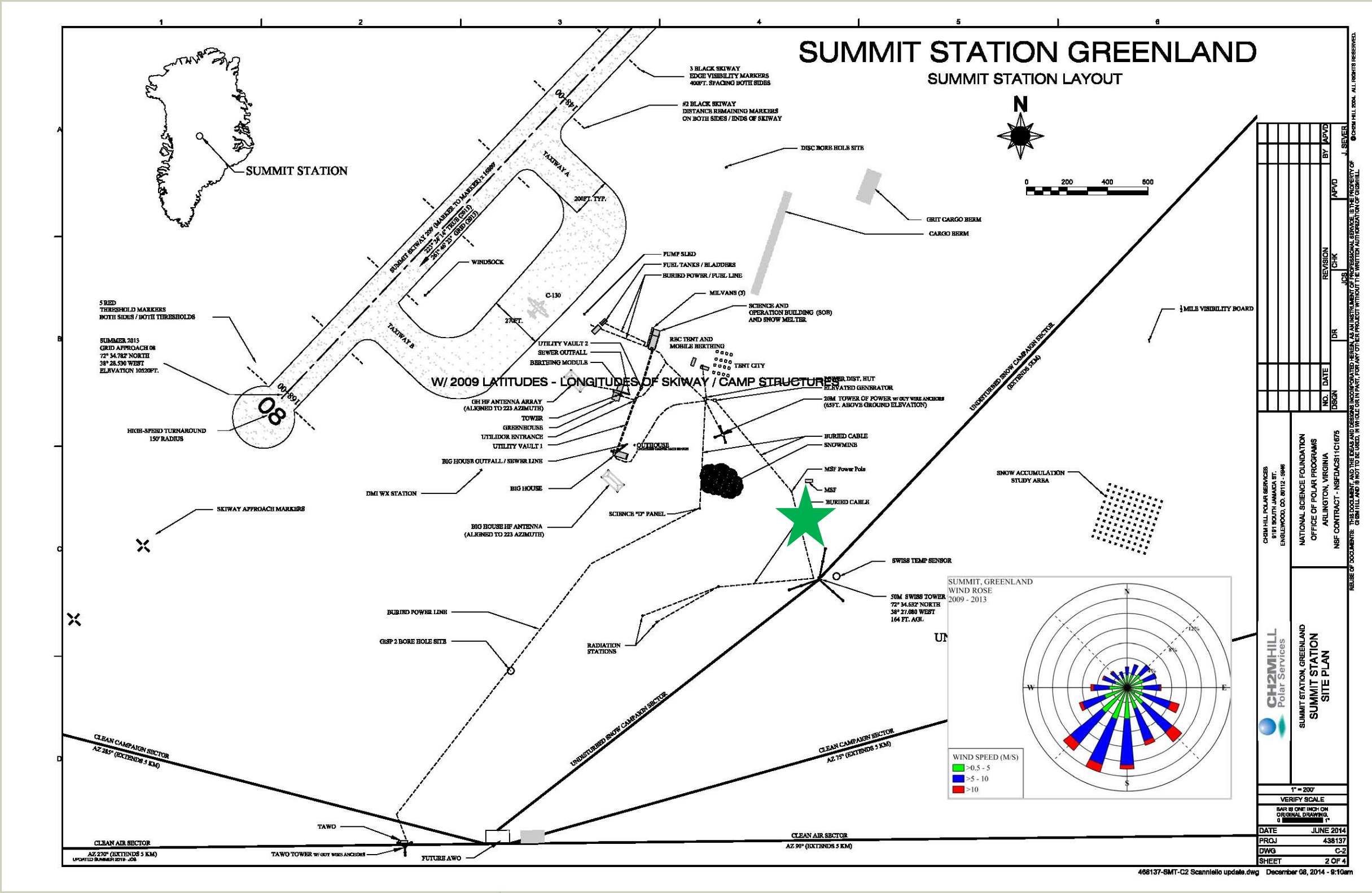
Contacts
Research Contact: Elena Willmot
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MASC: Multi-Angle Snowflake Camera

File name: MASC_YYYY.MM.DD_hhZ.tar.gz
mascYYYY.MM.DD.tar.gz

** These are archives of photographs **

dataInfo.txt	snowflakeID	Date (mm.dd.yyyy)	Time (hh:mm:ss,mm mmmm)	Fallspeed (m/s)																
imgInfo.txt	snowflakeID	cameraID	Date (mm.dd.yyyy)	Time (hh:mm:ss,mmm mmm)	Image_name	Frame_times tamp														
statusLog.txt	Time	TimeStamp	ERR_CR	MCR_DISCNCT	MCR_WAIT	MCR_PWR	MCR_BR WN	MCR_SFT WR	MCR_EXTR	MCR_WTCH DG	BUS_RS T	IMG_QF ULL	IMG_BA DFRAME	FS_QFU LL	CAM0_ detected	errors	CAM1_ detected	errors	CAM2_ detected	errors
Data	Diagnostics	Logger Info																		



★ Indicates current location of instrument



Instrument Details	
Specifications	1
Measurement	Multi-angle snowflake camera
Serial #	3
Instrument Manufacturer	Fallgatter Technologies
Type	Multi-angle snowflake camera
Location	Located to the south of the MSF on the snow surface

Summit Data Center

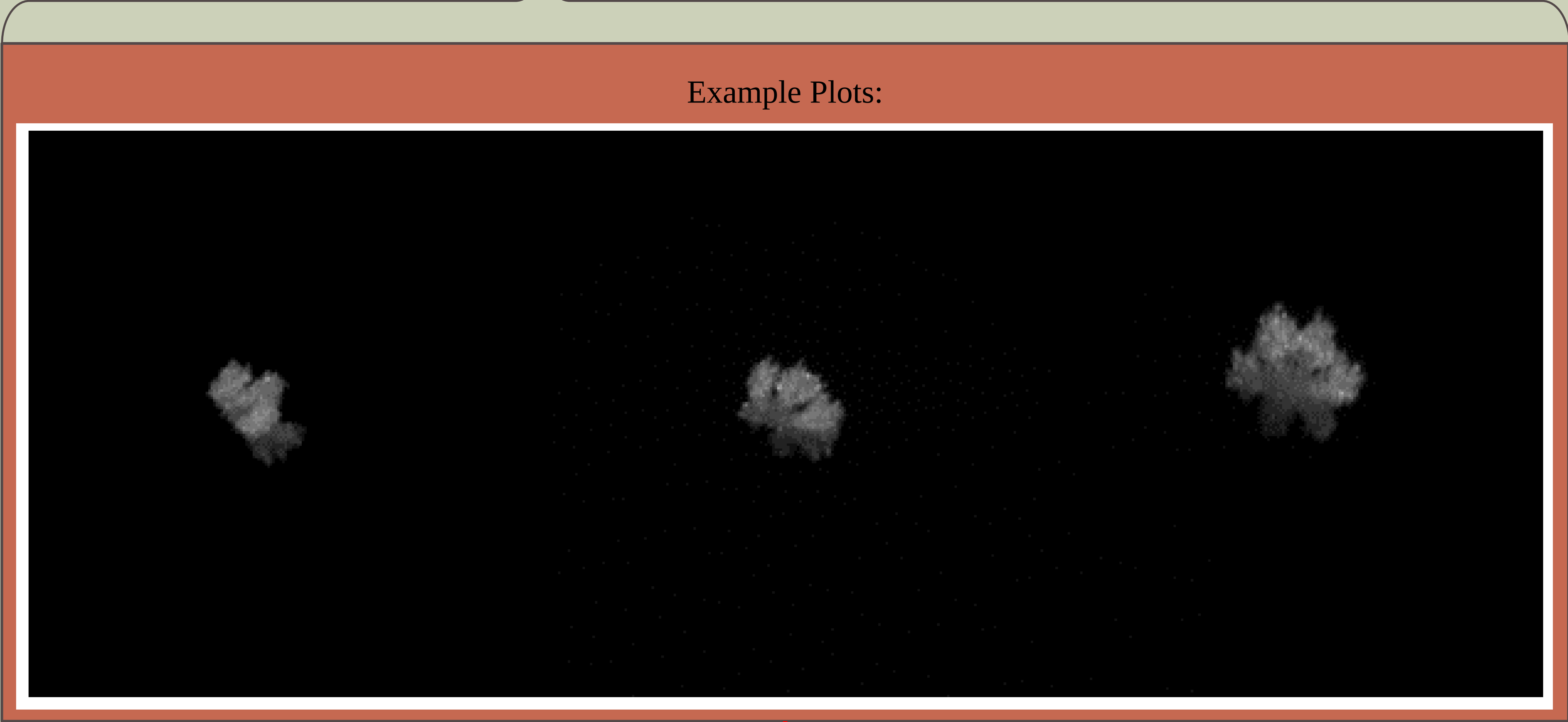
NOAA

FTP File locations at NOAA:
From Summit Data Center to:
ftp://ftp.edl.noaa.gov/psd3/arctic/summit/masc/

Processing

From the three cameras that are focused on the same point, each will take a picture of the same snowflake as it falls through the multi-angle snowflake camera. An example of the trio of images is seen below in the “example plots” section.

Quicklooks



Home:
<http://www.esrl.noaa.gov/psd/iasoa/>
Data:
<http://www.esrl.noaa.gov/psd/iasoa/dataataglance>

IASOA Portal

Product

Product File:

See images above: plot section