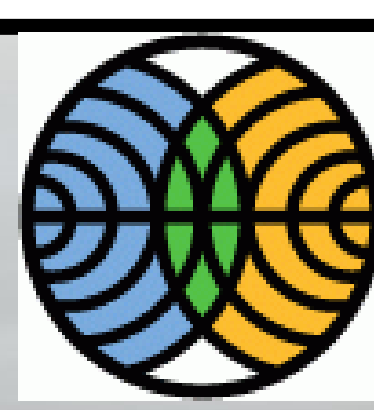
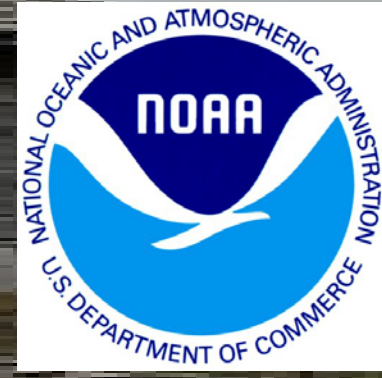


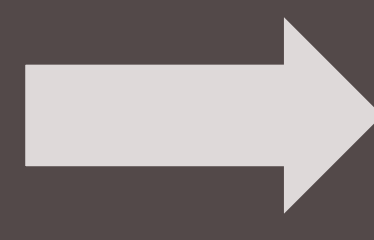
NOAA Contacts  
 Project Lead: Taneil Uttal  
 taneil.uttal@noaa.gov  
 Engineer: Robert Albee  
 rob.albee@noaa.gov  
 Logistics: Matt Okraszewski  
 matt.okraszewski@noaa.gov  
 Data Manager: Sara Crepinsek  
 sara.crepinsek@noaa.gov



# Datagrams: Tiksi cimel



Roshydromet Contacts  
 Project Lead: Alexander Makshtas  
 maksh@aari.ru  
 Engineer: Vasilii Kustov  
 kustov@aari.ru  
 Logistics: Dmitry Apartsev  
 da@aari.ru  
 Data Manager: Tatiana Afanasyeva  
 tiksi\_center@aari.ru



Location: Clean Air Facility Central Room  
 File name: Tiksi\_YYYY.MM.DD-YYYY.MM.DD.k7  
 File location in Tiksi:

Data units/column header information located at:  
[http://aeronet.gsfc.nasa.gov/new\\_web/units.html](http://aeronet.gsfc.nasa.gov/new_web/units.html)

## Instrument:

AERONET Cimel CE 318 sun photometer, instrument #320



Tiksi Data Center

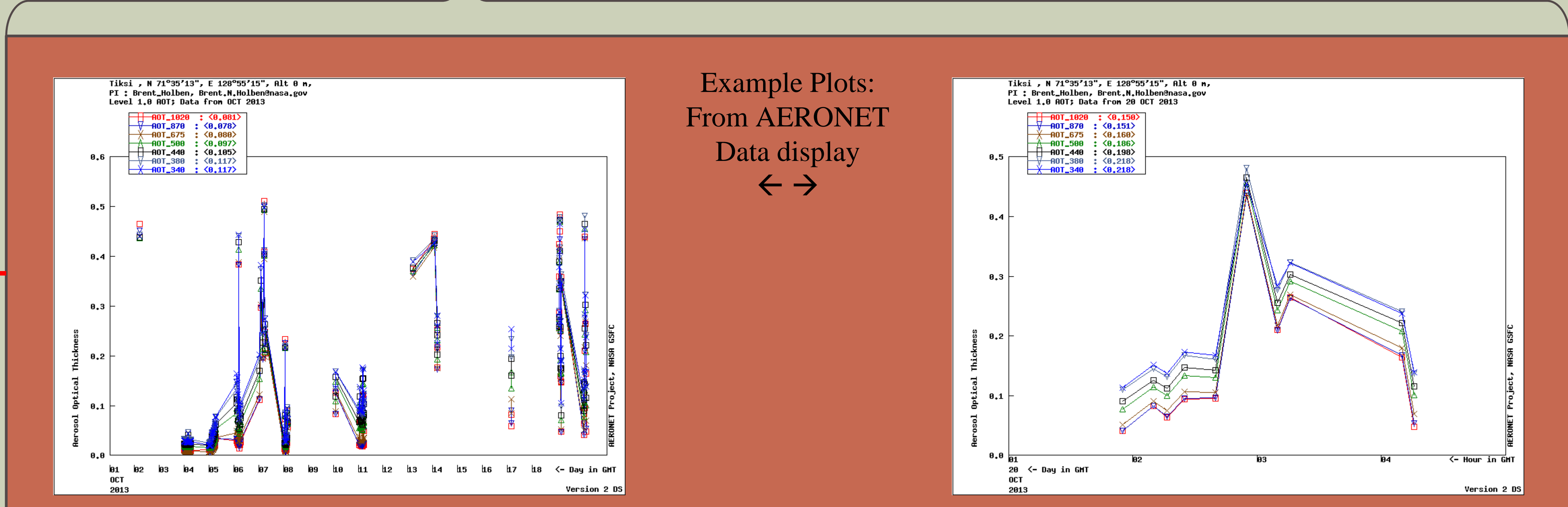
NOAA

Processing

Quicklooks

FTP File locations at NOAA:  
 From Tiksi Data Center to:  
[/name/](#)  
 then transferred to:  
[/storage/erdc/tiksi/aeronet/cimel/raw/YYYY/](#)

.k7 files processed at  
[aeronet.gsfc.nasa.gov](http://aeronet.gsfc.nasa.gov)



Example Plots:  
 From AERONET  
 Data display  
 ↔

Modify Data Format:  
 1. Include header information  
 2. Include Day-Fraction (time)  
 3. Standardize file naming convention

Ingest

| Folder Name | File Name                  | FTP Location   |
|-------------|----------------------------|--|
| Raw         | tiksi_ceilo_YYYY-MM-DD.dat | ftp://ftp.etl.noaa.gov/psd3/arctic/tiksi/cloud_properties/ceilometer/raw/        |
| Ingest      |                            | ftp://ftp.etl.noaa.gov/psd3/arctic/tiksi/cloud_properties/ceilometer/ingest/     |
| Products    |                            | ftp://ftp.etl.noaa.gov/psd3/arctic/tiksi/cloud_properties/ceilometer/products/   |
| Quicklooks  |                            | ftp://ftp.etl.noaa.gov/psd3/arctic/tiksi/cloud_properties/ceilometer/quicklooks/ |
| Example:    |                            | ftp://ftp.etl.noaa.gov/psd3/arctic/tiksi/cloud_properties/ceilometer/products/   |

Standardized Data Format:  
 Definitions:  
 sss - site identifier (e.g., tik)  
 inst - base instrument abbreviation  
 Fn - facility abbreviation (e.g., caff[0:1], cow[0:1], twr[0:1])  
 data qualifier - daily or monthly  
 data processing level - raw=c1, ingest=c2, products=c3

Product

Example Product Files can be downloaded from the AERONET site:

- <http://aeronet.gsfc.nasa.gov/>
- Data is available for the following parameters:  
 Aerosol Optical Depth  
 Water Vapor  
 440-870 Angstrom  
 SDA Fine/Coarse Aerosol Optical Depth  
 SDA Fine Mode Fraction  
 Size Distribution  
 Refractive Index (Real)  
 Refractive Index (Imaginary)  
 Absorption Optical Depth  
 Extinction Optical Depth  
 Single Scattering Albedo  
 Asymmetry Factor  
 Phase Functions (440nm, 670nm, 870nm, 1020nm)

IASOA Portal

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