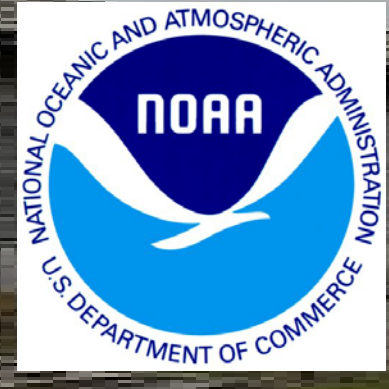


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# Datagrams: Tiksi visibility



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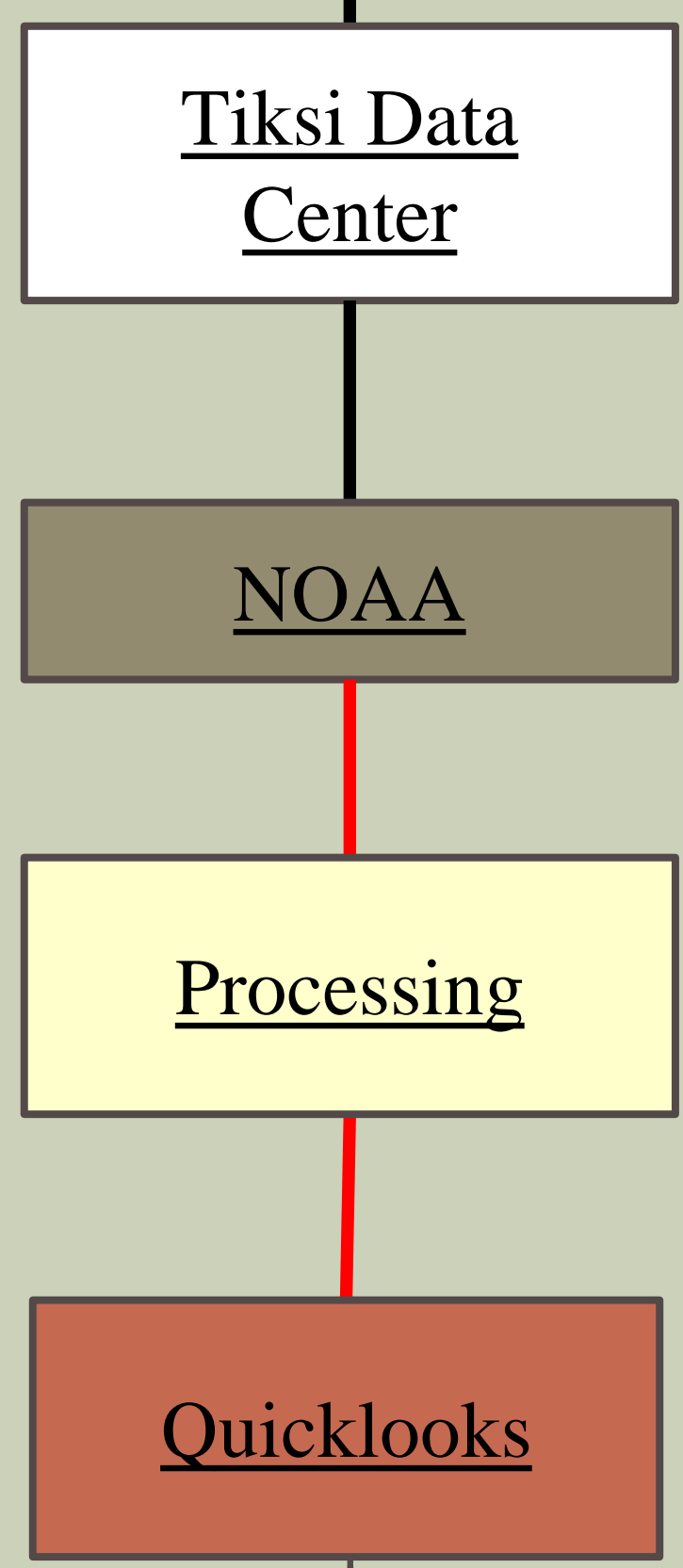
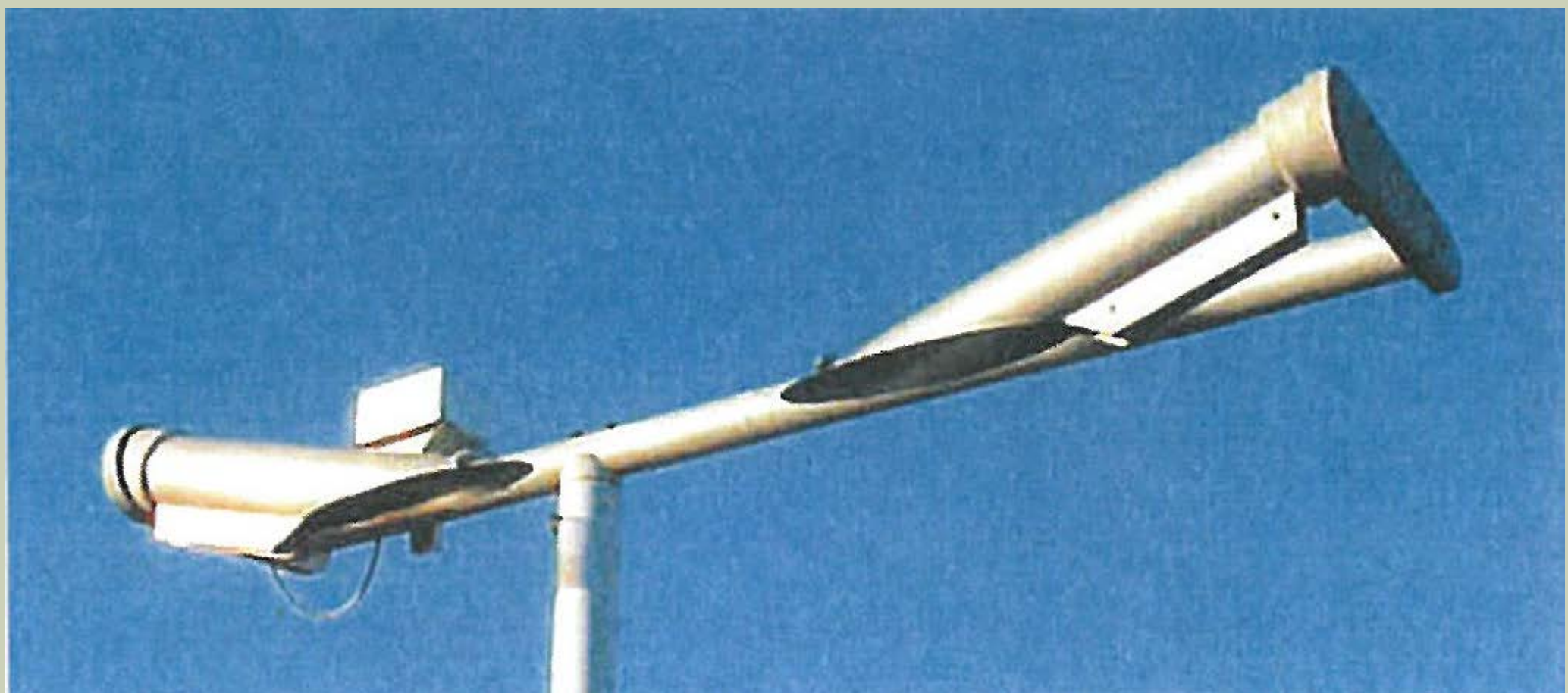
10.31.112.122

Location: Clean Air Facility  
 File name: tiksi\_fd12\_YYYYMMDD.csv  
 File location in Tiksi:

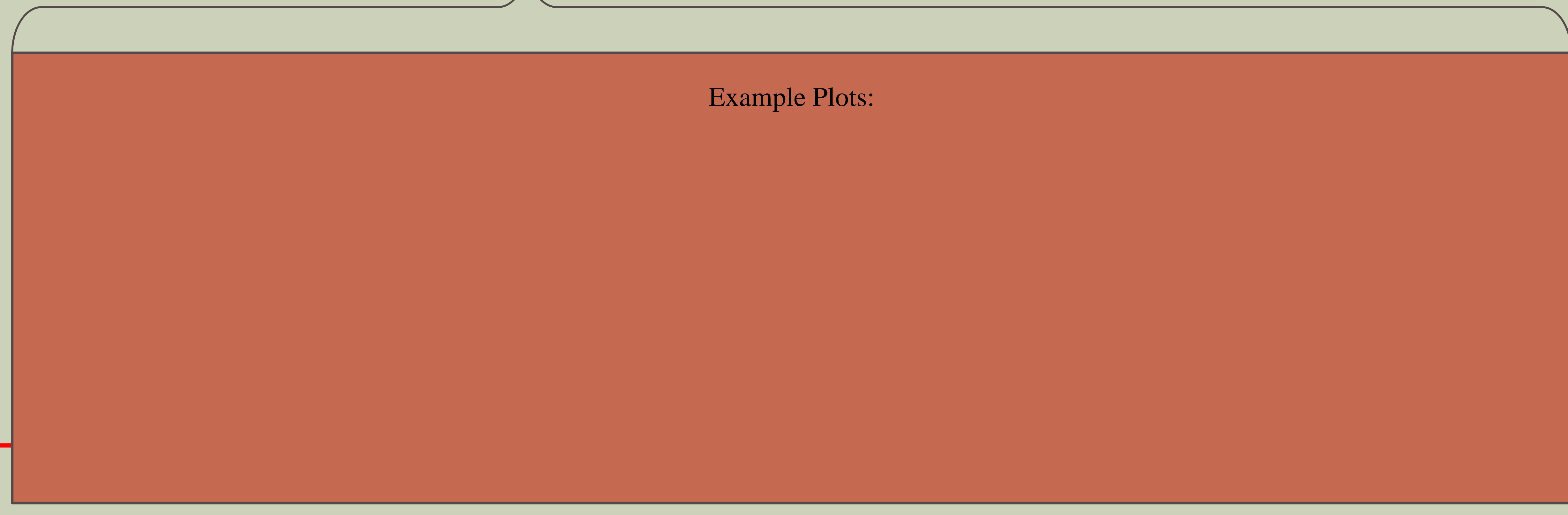
Period start	Avg (HW err(1) / warn(2) (#))	Avg (visibility (m))	Avg (Weather code (#))	Avg (precip intensity (mm/h))	min (HW err(1) / warn(2) (#))	max (HW err(1) / warn(2) (#))	std (HW err(1) / warn(2) (#))	med (HW err(1) / warn(2) (#))	min (visibility (m))	max (visibility (m))	std (visibility (m))	med (visibility (m))	min (Weather code (#))	max (Weather code (#))	std (Weather code (#))	med (Weather code (#))	min (precip intensity (mm/h))	max (precip intensity (mm/h))	std (precip intensity (mm/h))	med (precip intensity (mm/h))	
7/10/2013 0:00	0	49968	0	0	0	0	0	0	49685	50000	94	50000	0	0	0	0	0	0	0	0	0
7/10/2013 0:10	0	49941	0	0	0	0	0	0	49408	50000	178	50000	0	0	0	0	0	0	0	0	0
7/10/2013 0:20	0	48888	0	0	0	0	0	0	41737	50000	2532	50000	0	0	0	0	0	0	0	0	0

Data    Diagnostics    Logger Info

**Instrument:**  
 Vaisala FD12 Visibility Sensor, Model FD12P



**FTP File locations at NOAA:**  
 From Tiksi Data Center to:  
[/home/nas/visibility\\_location/](#)  
 then transferred to:  
[/storage/arctic/tiksi/atmospheric\\_state/surface\\_meteorology/visibility/nas/YYYY/](#)



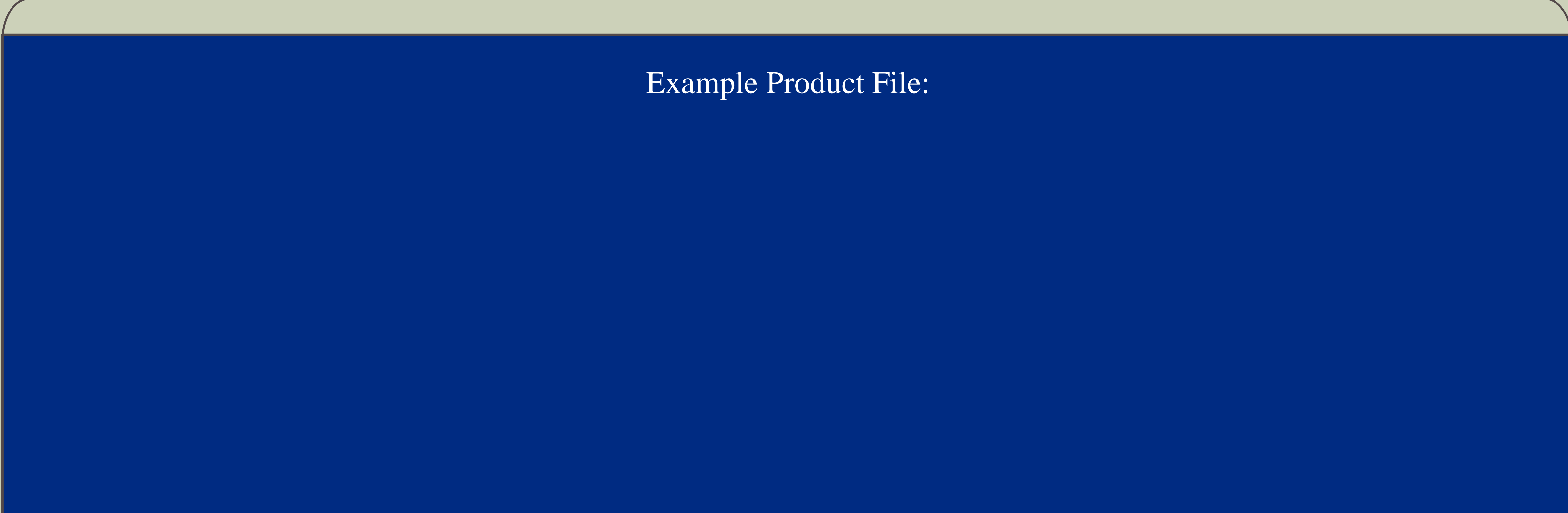
- Modify Data Format:
1. Include header information
  2. Include Day-Fraction (time)
  3. Standardize file naming convention

Ingest

Folder Name	File Name	FTP Location
Raw		ftp://ftp.etl.noaa.gov/psd3/arctic/tiksi/atmospheric_state/surface_meteorology/visibility/raw/YYYY/
Ingest		ftp://ftp.etl.noaa.gov/psd3/arctic/tiksi/atmospheric_state/surface_meteorology/visibility/ingest/YYYY/
Products		ftp://ftp.etl.noaa.gov/psd3/arctic/tiksi/atmospheric_state/surface_meteorology/visibility/products/YYYY/
Quicklooks		ftp://ftp.etl.noaa.gov/psd3/arctic/tiksi/atmospheric_state/surface_meteorology/visibility/quicklooks/YYYY/
Example:		ftp://ftp.etl.noaa.gov/psd3/arctic/tiksi/atmospheric_state/surface_meteorology/visibility/products/YYYY/

**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



IASOA Portal

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