

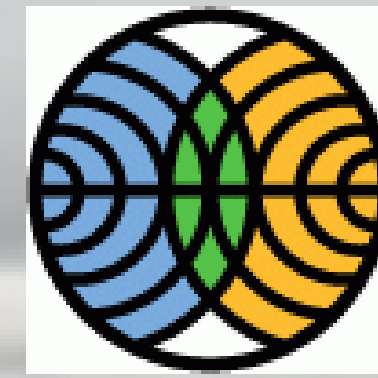
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Datagrams: Tiksi ghg_concentration

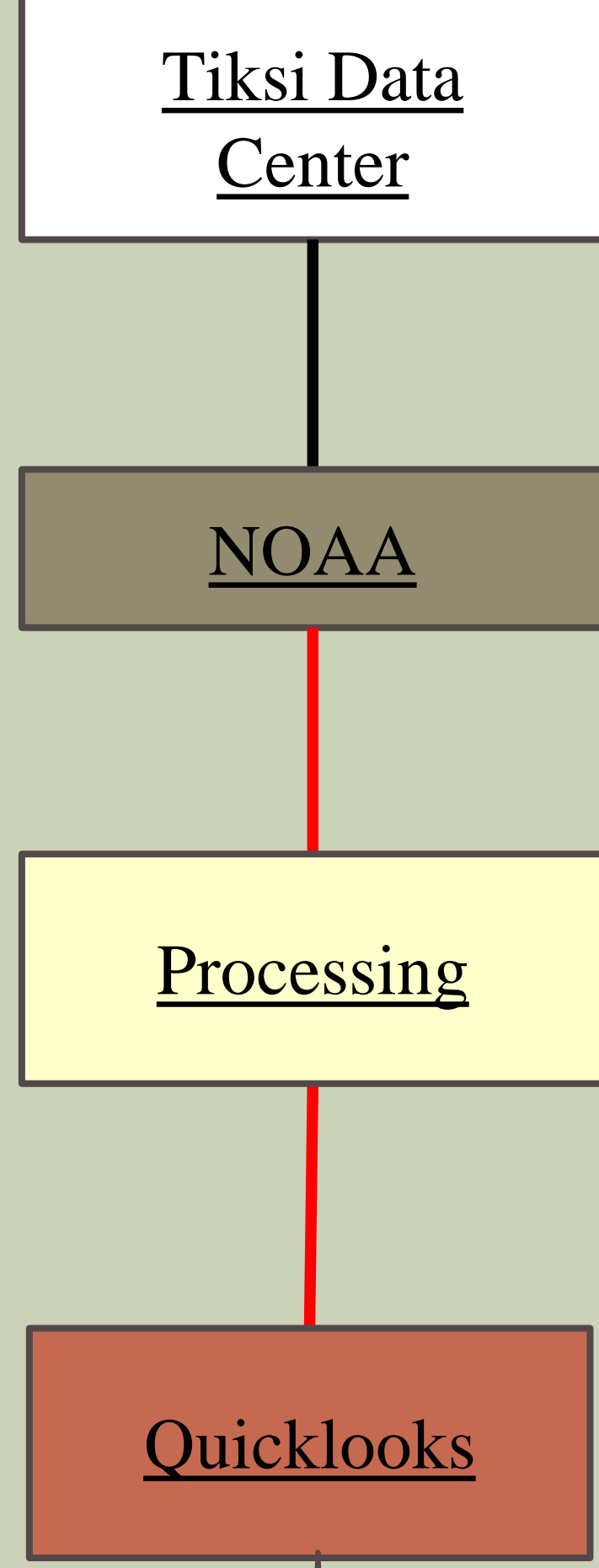
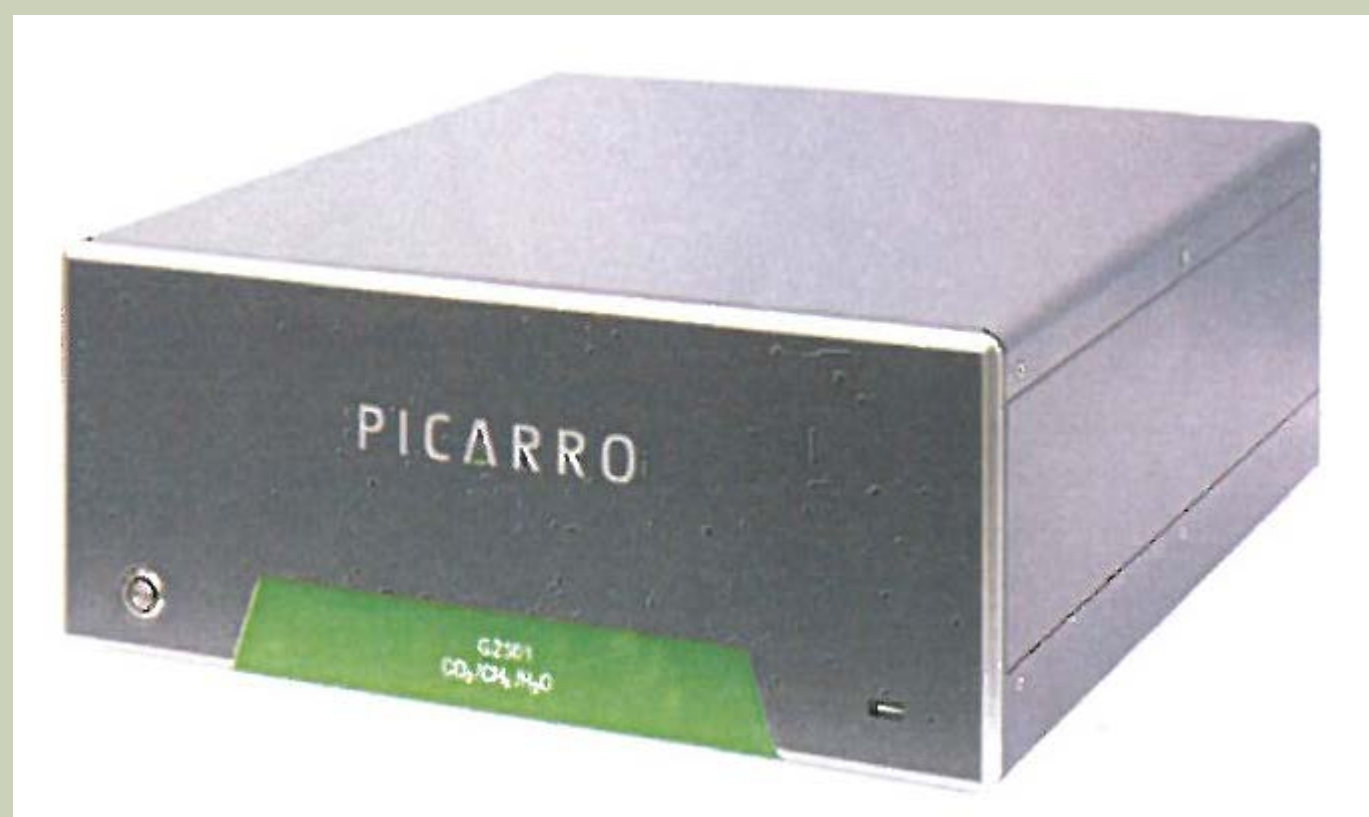
Location: Clean Air Facility Central Room
 File name: Tiksi_conc_G2301_YYYYMMDD.csv
 File location in Tiksi:

startDT [UTC]	vpos	CH4 [ppm]	stdev(CH4) [ppm]	CO2 [ppm]	stdev(CO2) [ppm]	H2O_reported [%]	stdev(H2O_reported)	Cavity Pressure [torr]	Cavity Temp [C]	Outlet Valve	CH4_dry [ppm]	CO2_dry [ppm]	DasTemp [C]	Etalon Temp [C]	WarmBoxTemp [C]	MPVPosition	T_ECpre [C]	T_EC1 [C]	T_EC2 [C]	p_inlet [hPa]	p_in [hPa]	p_out [hPa]	T_inlet [C]	RH_inlet [%]	dwpt_inlet [C]	T_vent [C]	RH_vent [%]	dwpt_vent [C]	flow_vent [l min-1]	flow_inlet [l min-1]	dwpt_sample [C]	T_room [C]
8/12/2013 0:00	0	1.86956	0.00097	380.632	0.026	1.7687	0.002	139.999	45	31807.38247	1.90395	389.22	41.011	45.05	45	0	0.13	-272.53	-272.61	-32	577	-14	30.7	30.9	11.5	30.4	32.4	12	5.73	2.41	9	34
8/12/2013 0:01	0	1.8774	0.00314	380.659	0.044	1.7476	0.0193	140.003	45	31809.50848	1.91102	389.148	41.024	45.05	45	0	0.13	-272.53	-272.61	-32	577	-14	30.7	30.4	11.3	30.4	31.9	11.8	5.73	2.5	9	34.1

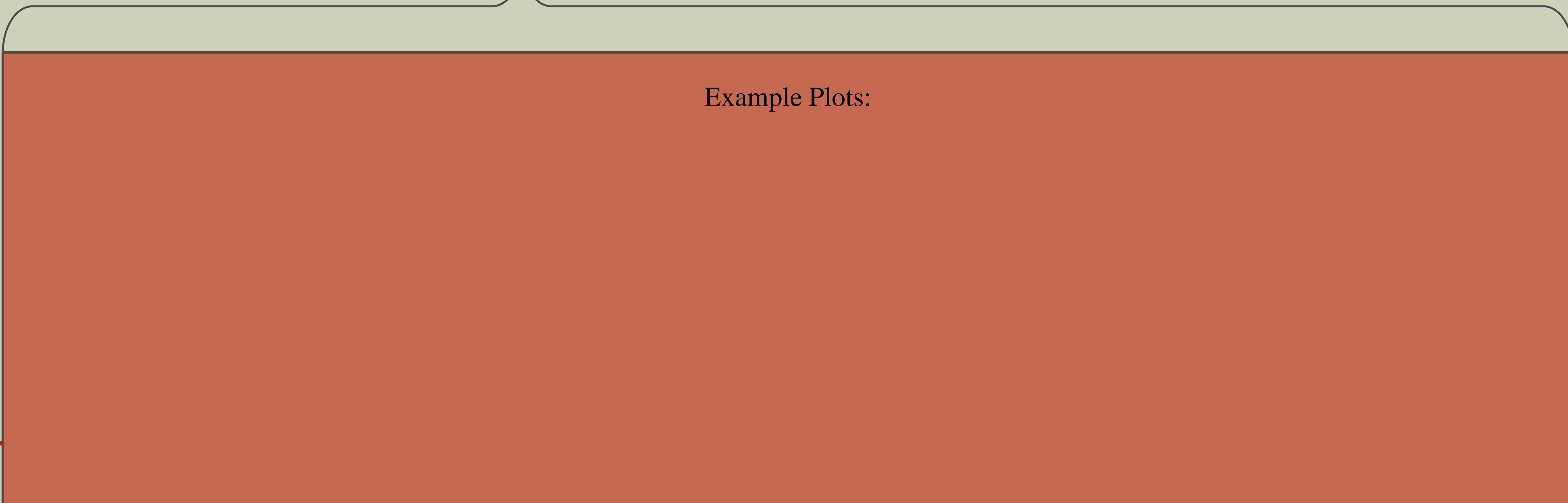
Data Diagnostics Logger Info

Instruments:

Picarro G2301 (CO2, CH4, and H2O Analyzer)



FTP File locations at NOAA:
 From Tiksi Data Center to:
[ftp://ftp.etl.noaa.gov/psd3/arctic/Tiksi/greenhouse_gas/ghg_concentration/](#)
 then transferred to:
[storage.arctic/tiksi/greenhouse_gas/ghg_concentration/raw/YYYY/](#)



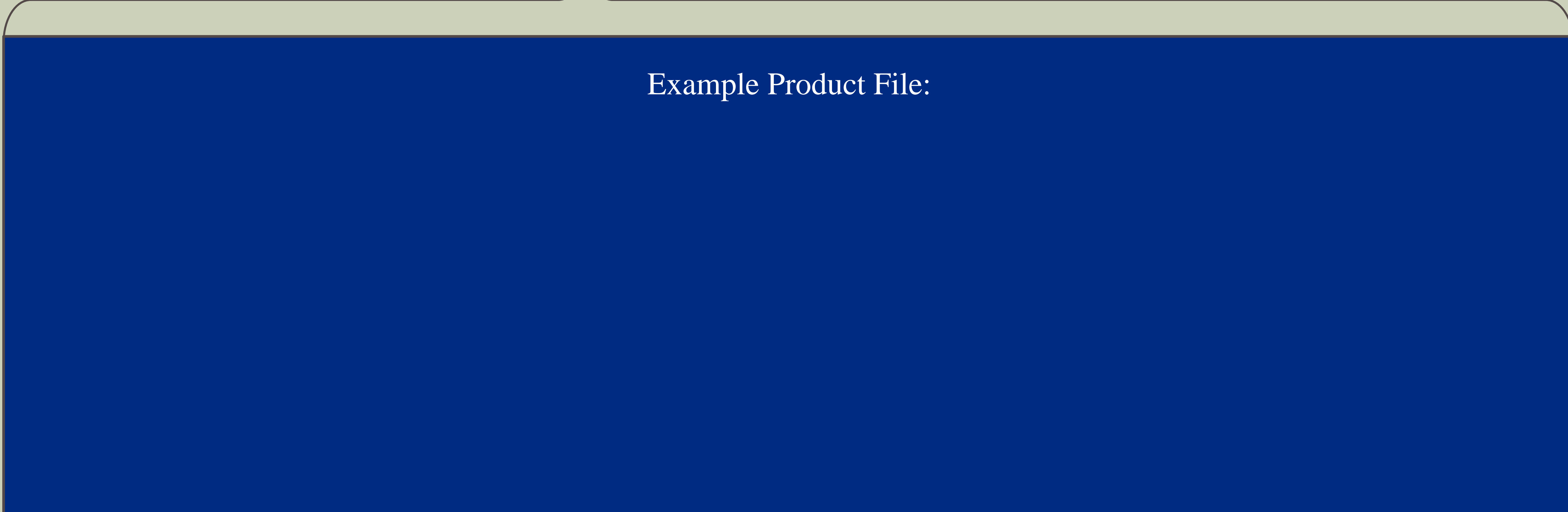
- Modify Data Format:
1. Include header information
 2. Include Day-Fraction (time)
 3. Standardize file naming convention

Ingest

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



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

IASOA Portal

FMI Data Server

Home:
<http://en.ilmatieteennlaitos.fi/>
Data:
<ftp://ftp.fmi.fi/>