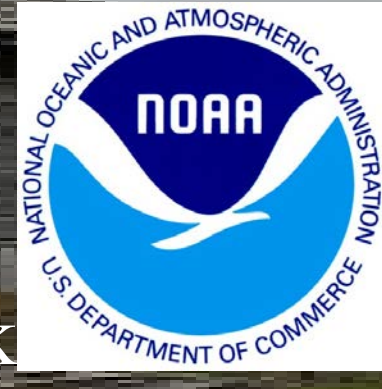


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# Datagrams: Tiksi Surface Ozone – TEI-49i



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Location: Clean Air Facility Central Room  
 File names: tik49I-MMDDYY HHMM.src (as of 02/11/14), tik49I-MMDDYY HHMM.lrc (as of 02/11/14)  
 File location in Tiksi: D:\data\ozone\i49\

.lrc = long record file												.src = short record file					
Time [UTC]	Date	Flags	o <sub>3</sub> (ozone, ppb)	hio <sub>3</sub>	cellai (cell a intensity)	cellbi (cell b intensity)	bncht (bench temp)	lmpt (lamp temp)	o <sub>3</sub> lt (ozonator lamp temp)	flow cell a	flow cell b	pressure	Time [UTC]	Date	Flags	o <sub>3</sub> (ozone, ppb)	hio <sub>3</sub>
01:00	8/25/2012	-----	10.0816	0	90096	84239	34.7033	53.5434	67.3273	0.67999	0.677002	727.442	18:45	8/27/2012	-----	14.9136	0
02:00	8/25/2012	-----	10.7308	0	90093	84236	35.0138	53.6835	67.1892	0.67175	0.677002	727.734	18:50	8/27/2012	-----	14.7021	0
03:00	8/25/2012	-----	10.5951	0	90051	84195	35.3163	53.6485	67.3273	0.65721	0.662427	727.151	18:55	8/27/2012	-----	14.7645	0

## Instrument:

Thermo Scientific Surface Ozone TEI-49i



08.26.2012



08.26.2012

Surface Ozone Computer (Located in CAF)



08.26.2012

Tiksi Data Center

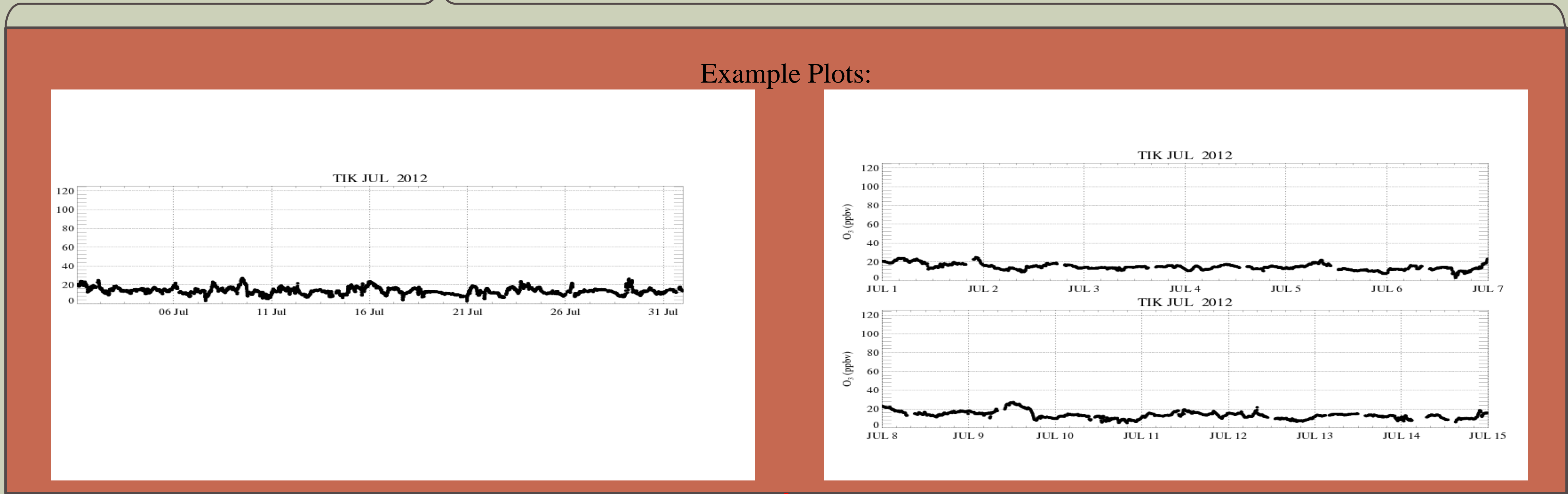
NOAA

Processing

Quicklooks

**FTP File locations at NOAA:**  
 From Tiksi Data Center to:  
[home.nari.OZONE/Incoming/TEI-49i/](http://home.nari.OZONE/Incoming/TEI-49i/)  
 Then transferred to:  
[storage.nrcs.chikgo ozone/surface/raw/YYYY/](http://storage.nrcs.chikgo ozone/surface/raw/YYYY/)

Data files are sent to the Global Monitoring Division (GMD) within NOAA to be processed using designated software and programs to generate plots and daily, hourly, and minute files.  
 Calibration Coefficients applied are as follows:  
 ID# Month Year Slope Offset Zero Offset  
 351 Sept 2010 1.002 0.50  
 351 April 2016 0.9877 0.05



Ingest

Folder Name	File Name	FTP Location
Raw	tik49I- MMDDYY HHMM.lrc (or .src)	ftp://ftp.etl.noaa.gov/psd3/arctic/tiksi/ozone/surface/raw/YYYY/
Ingest	tik.tei49i.daily.caf0.c2.YYYYMMDD.txt	ftp://ftp.etl.noaa.gov/psd3/arctic/tiksi/ozone/surface/ingest/YYYY/
Products	tik.tei49i.daily.caf0.c3.YYYYMMDD.txt	ftp://ftp.etl.noaa.gov/psd3/arctic/tiksi/ozone/surface/products/YYYY/
Quicklooks	tik.tei49i.daily.caf0.c2.YYYYMMDD.jpg	ftp://ftp.etl.noaa.gov/psd3/arctic/tiksi/ozone/surface/quicklooks/YYYY/
Example:	tik.tei49i.daily.caf0.20120327.txt	ftp://ftp.etl.noaa.gov/psd3/arctic/tiksi/ozone/surface/products/YYYY/

Product

Example Product Files:

tik_o3_6m_min_02_2013.DAT							tik_o3_6m_hour_02_2013.DAT						
STN	YEAR	MON	DAY	HR	MIN	O3(PPB)	STN	YEAR	MON	DAY	HR	O3(PPB)	
351	2013	2	1	0	0	13.54	351	2013	2	1	0	14.56	
351	2013	2	1	0	5	14.23	351	2013	2	1	1	11.96	
351	2013	2	1	0	10	14.55	351	2013	2	1	2	8.11	

tik_o3_6m_hour_02_2013.DAT																										
GMT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX
DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1	22.5	21.7	22.9	23.1	22.3	20.5	21.3	21.7	22.6	22.7	999.9	24.2	24.3	24	24.2	23.7	22.9	22.8	21.8	21.6	21.3	21.1	20.2	19.7	22.3	24.3
2	20	20	20.4	18.3	17.9	19.9	17.7	15.6	16.9	16.8	999.9	999.9	16	16.5	18.4	18	17.9	18.7	18.9	19.4	18.4	17.9	18.8	18.8	18.2	20.4
3	19.1	17.2	17	999.9	16.4	17.6	18.5	18.5	22.1	17.6	17.4	999.9	999.9	18.5	19.9	20.7	21.1	20	20.6	21.3	22.2	22.1	20.7	21.4	19.5	22.2

IASOA Portal

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