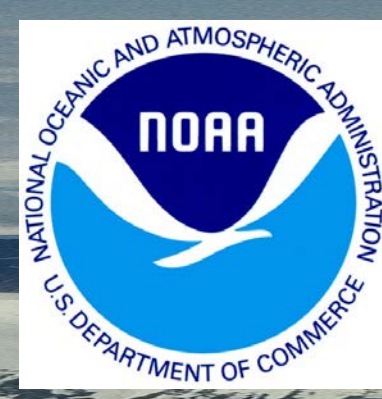


Contacts

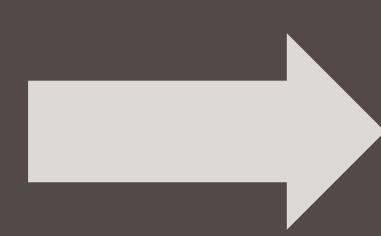
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Datagrams: Alert Sun photometer(s)



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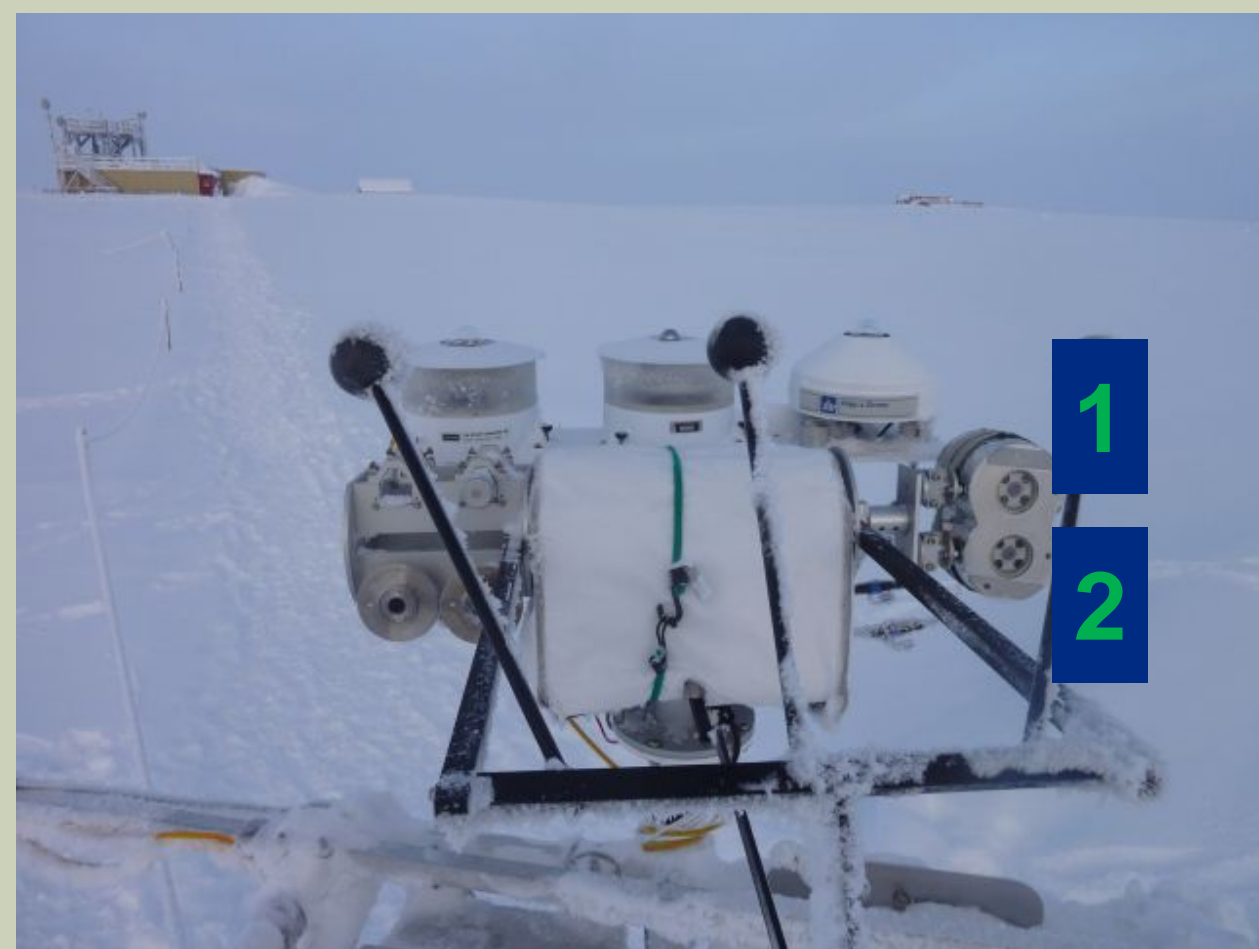


File name: (as of 4/2/14) SPO2 – altJJJ(a,b,c,d).1YY
 SPO22 – altJJJ(a,b,c,d).1YY
 File location in Alert:

SPO2	lineID	Year	DOY	Time [hhmm]	Temp [decC]	Direct 412nm [mV]	Direct 1050nm [mV]	Direct 675nm [mV]	Direct 862nm [mV]
	121	2014	61	1801	56.958	2335.0	537.25	868.29	2.4865
	121	2014	61	1802	57.091	2459.1	302.53	790.39	195.11

SPO22	lineID	Year	DOY	Time [hhmm]	Temp [degC]	Direct 368nm [mV]	Direct 500nm [mV]	Direct 610nm [mV]	Direct 778nm [mV]
	221	2014	61	1201	-309.07	-1140.8	-1212.8	-1737.5	-99999
	221	2014	61	1202	265.1	709.96	621.36	1402.3	3326

Data Diagnostics Logger Info



Alert Data Center

NOAA

FTP File locations at NOAA:
 From Alert Data Center to:
 then transferred to:
 ftp://ftp.etl.noaa.gov/psd3/arctic/alert/aerosol/sun_photometer/

Quicklooks

Processing

Calibration Values:
 To calculate optical depth, apply calibration

Instrument Details		
Specifications	SPO2	SPO22
Measurement	Sun photometer [nanometers]	Sun photometer [nanometers]
Serial #	1037	1047
Instrument Manufacturer	Middleton Solar	Middleton Solar
Type	SPO2	SPO22
Calibration factors	D412: 7.91	D368: 8.14
	D1050: 7.66	D500: 7.75
	D675: 7.73	D610: 7.75
	D862: 7.70	D778: 7.62

Example Plots:

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

IASOA Portal

Product

Example Product File: