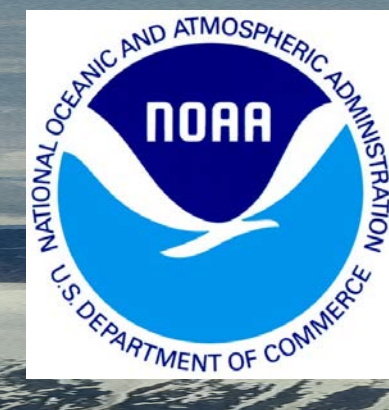


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# Datagrams: Alert EC Aethalometer



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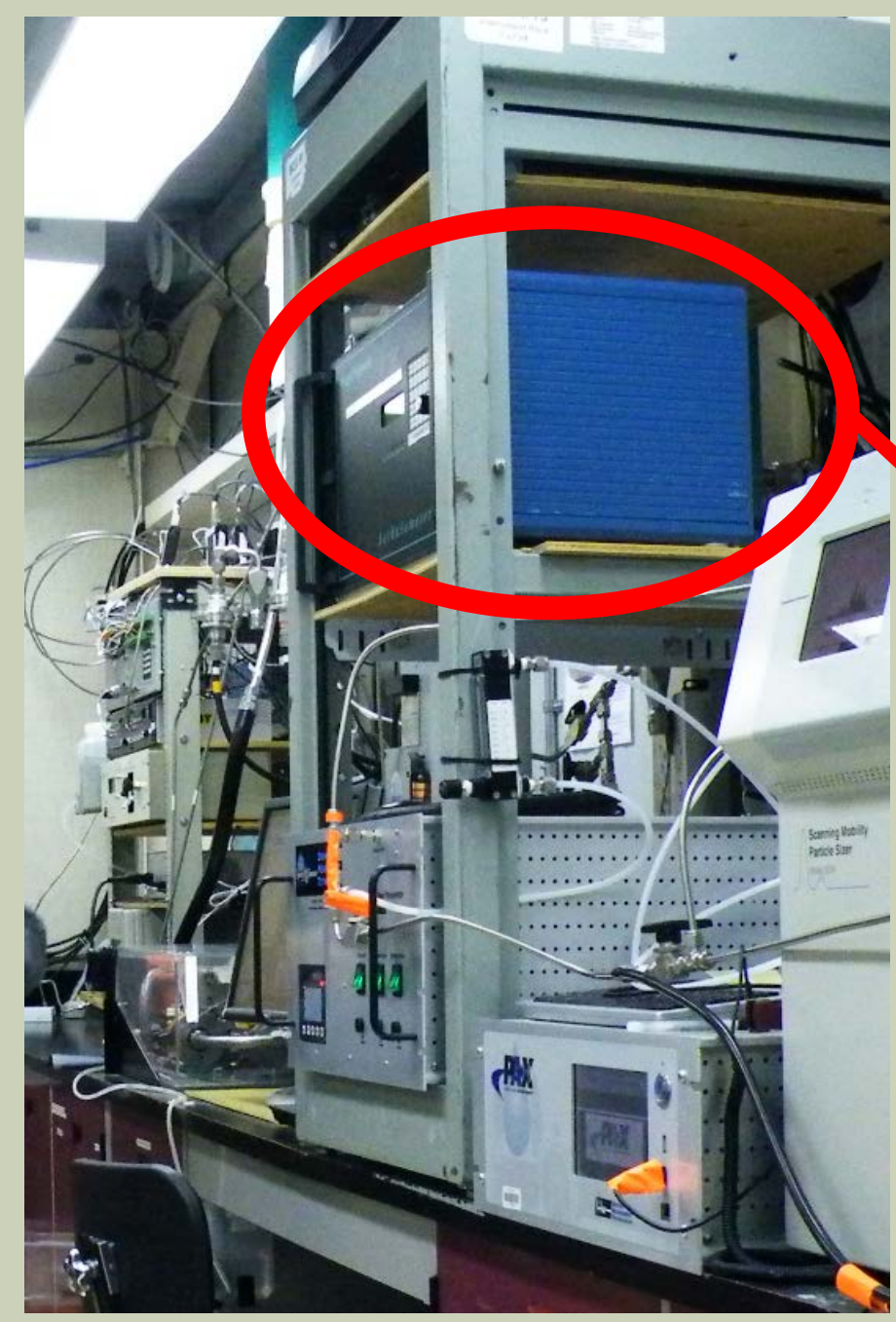
File name: (as of 4/2/14)

Reference Date	Reference Intensity 370 wavelength	Reference Intensity 470 wavelength	Reference Intensity 520 wavelength	Reference Intensity 590 wavelength	Reference Intensity 660 wavelength	Reference Intensity 880 wavelength	Reference Intensity 950 wavelength	Reference Zero 370 wavelength	Reference Zero 470 wavelength	Reference Zero 520 wavelength	Reference Zero 590 wavelength	Reference Zero 660 wavelength	Reference Zero 880 wavelength	Reference Zero 950 wavelength
Epoch	If1_A81	If2_A81	If3_A81	If4_A81	If5_A81	If6_A81	If7_A81	Ifz1_A81	Ifz2_A81	Ifz3_A81	Ifz4_A81	Ifz5_A81	Ifz6_A81	Ifz7_A81
1.33E+09	2.0339	3.1025	2.4309	3.1624	2.8513	3.8363	3.5533	0.0224	0.0224	0.0224	0.0224	0.0224	0.0224	0.0224
1.33E+09	2.034	3.1024	2.4307	3.1622	2.8511	3.8359	3.553	0.0224	0.0224	0.0224	0.0224	0.0224	0.0224	0.0224

Sample Intensity 370 wavelength	Sample Intensity 470 wavelength	Sample Intensity 520 wavelength	Sample Intensity 590 wavelength	Sample Intensity 660 wavelength	Sample Intensity 880 wavelength	Sample Intensity 950 wavelength	Sample Zero 370 wavelength	Sample Zero 470 wavelength	Sample Zero 520 wavelength	Sample Zero 590 wavelength	Sample Zero 660 wavelength	Sample Zero 880 wavelength	Sample Zero 950 wavelength	Fraction
Ip1_A81	Ip2_A81	Ip3_A81	Ip4_A81	Ip5_A81	Ip6_A81	Ip7_A81	Ipz1_A81	Ipz2_A81	Ipz3_A81	Ipz4_A81	Ipz5_A81	Ipz6_A81	Ipz7_A81	PCT_A81
0.8718	1.0482	1.152	1.4397	0.7283	1.3741	1.1443	0.0246	0.0246	0.0246	0.0246	0.0246	0.0246	0.0246	1
0.87	1.0464	1.1503	1.4376	0.7274	1.3728	1.1432	0.0246	0.0246	0.0246	0.0246	0.0246	0.0246	0.0246	1

Flow [slpm]	Concentration 370 wavelength [ng/m3/]	Concentration 470 wavelength [ng/m3/]	Concentration 520 wavelength [ng/m3/]	Concentration 590 wavelength [ng/m3/]	Concentration 660 wavelength [ng/m3/]	Concentration 880 wavelength [ng/m3/]	Concentration 950 wavelength [ng/m3/]	Attenuation 370 wavelength	Attenuation 470 wavelength	Attenuation 520 wavelength	Attenuation 590 wavelength	Attenuation 660 wavelength	Attenuation 880 wavelength	Attenuation 950 wavelength
Q_A81	X1c_A81	X2c_A81	X3c_A81	X4c_A81	X5c_A81	X6c_A81	X7c_A81	ZIr1_A81	ZIr2_A81	ZIr3_A81	ZIr4_A81	ZIr5_A81	ZIr6_A81	ZIr7_A81
3.9	130	136	145	138	135	157	158	28.984	22.61	20.313	17.989	16.066	12.228	11.064
3.9	136	146	132	145	148	141	145	29.195	22.789	20.459	18.13	16.195	12.32	11.151

Data    Diagnostics    Logger Info



Instrument Details	
Specifications	1
Measurement	Aerosol absorption coefficient, equivalent black carbon, flow rate, pressure, temperature
Serial #	70810508
Instrument Manufacturer	Magee
Type	AE31
Calibration factors	no

Alert Data Center

FTP File locations at NOAA:  
 From Alert Data Center to: GMD server at /aer/alt/archive/raw/

NOAA

Quicklooks

Processing

Processing done by Sangeeta Sharma and submitting to EBAS archive: <http://ebas.nilu.no/>

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: