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A BALLOON-BORNE AEROSOL SPECTROMETER
FOR HIGH ALTITUDE
LOW AEROSOL CONCENTRATION MEASUREMENTS

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ABSTRACT

Funded by Air Force Wright Aeronautical Laboratory, a new balloon-borne high altitude aerosol spectrometer, for the measurement of cirrus cloud ice crystals, has been developed and successfully flown by Sandia National Laboratories and Radiance Research. This report (1) details the aerosol spectrometer design and construction, (2) discusses data transmission and decoding, (3) presents data collected on three Florida flights in tables and plots.

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CONTENTS

1.0	INTRODUCTION.....	1
2.0	DESCRIPTION.....	2
3.0	SPECIFICATIONS.....	2
4.0	OPTICAL THEORY.....	4
5.0	SIGNAL PROCESSING.....	7
6.0	DATA HANDLING.....	11
6.1	Data Transmission.....	11
6.2	Data Processing.....	11
7.0	DATA PRESENTATION.....	13
7.1	March 22, 1988 Data Summary.....	13
7.2	April 15, 1988 Data Summary.....	18
7.3	July 12, 1988 Data Summary.....	18
8.0	CONCLUSION.....	28
APPENDIX A - Florida Data.....		30
APPENDIX B - California Data.....		73

FIGURES

1.	Aerosol Spectrometer.....	3
2.	Aerosol Spectrometer Block Diagram.....	10
3.	Vertical Temperature Profile March 22, 1988.....	15
4.	Particle Concentration Distribution March 22, 1988....	16
5.	Particle Size Distribution March 22, 1988.....	17
6.	Particle Concentration Distribution April 15, 1988....	19
7.	Vertical Temperature Profile April 15, 1988.....	20
8.	Particle Size Distribution April 15, 1988.....	21
9.	Vertical Temperature Profile July 12, 1988.....	22
10.	Particle Concentration Distribution July 12, 1988....	23
11.	Particle Size Distribution July 12, 1988.....	24

TABLES

1.	Concentration Distribution March 22, 1988.....	25
2.	Particle Size Relative Frequency March 22, 1988.....	26
3.	Particle Size Relative Frequency July 12, 1988.....	27

1.0 INTRODUCTION

Air Force Wright Aeronautical Laboratory (AFWAL) tests of a new IR sensor system (Infrared Search and Track Set, IRSTS) indicated significant discrepancies between IR transmission calculations obtained from the LOWTRAN code and observations made with the IRSTS system under test. IR transmission values obtained from the LOWTRAN code depended heavily upon atmospheric default parameters (atmospheric models) built into the code which made calculations possible in the absence of actual measurements. The calculations were made using default values, because no appropriate instrumentation for measuring the relevant parameters as a function of altitude were available. Thus these tests were conducted without adequate atmospheric characterization. Two of the parameters that were suspected causes of IR transmission loss were water vapor and high altitude thin cirrus.

The need for accurate atmospheric cirrus measurements provided funding for joint development by Sandia and Radiance Research of a balloon-borne high altitude low concentration aerosol spectrometer. The scope of this report includes aerosol spectrometer design and optical theory, data transmission/conversion format, and data presentation.

A balloon-borne frost-point hygrometer was also developed under this contract to provide atmospheric water vapor measurements and is detailed in SAND88-2467.

2.0 DESCRIPTION

The aerosol spectrometer is designed to size and count large particles from ground level up to 35 kilometers altitude. The instrument can roughly size particles from a few micrometers effective diameter to over 50 micrometers effective diameter at concentrations less than 100 m^{-3} .

The principal components of the spectrometer are a scattering chamber, light source, collimating optics, dark trap, photo-multiplier tube, signal processing circuitry and power supplies (Figure 1). An external telemetry module is suspended below the aerosol sensor.

3.0 SPECIFICATIONS

Performance:

Minimum concentration: 100 m^{-3}

Maximum concentration: $500,000 \text{ m}^{-3}$

Outputs:

0-5 VDC, 16 bit resolution

1. Flash count

2. Size bin 1 5-13 μm

3. Size bin 2 13-26 μm

4. Size bin 3 26-50 μm

5. Size bin 4 >50 μm

6. Total light scatter

7. Reference light level

Gross weight:

1750 grams

Power:

2 watts (200 ma @ 10 VDC)

Dimensions:

60 cm x 13 cm x 17 cm

Stratospheric Particle Spectrometer

Figure 1. Aerosol spectrometer.

4.0 OPTICAL THEORY

The high altitude aerosol spectrometer is a single particle optical counter that detects the light scattered from individual particles larger than a few micrometers and relates the magnitude of that light to particle size. Particles that can be detected optically range in size from 0.1 μm to over 100 μm . No single instrument is capable of measuring all sizes and concentrations. Each optical design must be adapted to work over a limited size and concentration range. As with other single particle optical counters, the configuration of the scattering chamber and illumination geometry in the aerosol spectrometer determine the performance limits of the instrument. Both particle size and concentration are determined to some extent by the size of the sensing volume. If the volume is too small, the count rate is much less than optimum for observed particle concentrations, and if too large, coincidence counting becomes a problem. Since the high altitude aerosol spectrometer is required to detect particle concentrations down to 100 m^{-3} and operate at low power levels, precluding the use of a continuous high intensity source, a novel optical design is required.

The optical design of the high altitude aerosol spectrometer is based on uniformly illuminating a large volume with a pulsed high intensity light source and then detecting a portion of the scattered light over a large scattering angle. The light source used is broad spectrum with wavelengths small compared to the particles to be detected. For large particles, the total optical cross section is simply proportional to the particle geometric cross section. The scattering volume is approximately 2 cm^3 and is illuminated by a 0.1 joule/flash xenon flash tube operating at 20 Hz. The enclosed area surrounding the sensing volume is a very white, diffusely reflecting surface that provides relatively uniform illumination of the chamber. At a 20 Hz flash rate,

2.4 liters are sampled each minute with an average power consumption of about 2 watts. Three lithium C cells operating nominally at 10 VDC provide adequate power for a minimum of 10 hours flight time.

Because of the large size of the scattering volume, the particle position in the chamber may affect the magnitude of the detected light signal. This effect dictates particle size resolution and the number of size channels that can be discriminated. The scattering volume is about 3 cm long, on axis with the phototube, therefore light scattered by particles farther from the phototube will be reduced due to inverse square loss. For this reason, the detector is located as far from the scattering volume as feasible (35 cm). Maximum variation in light intensity at the detector due to axial position of the particle is about 15%. However, the scattering cross section for large particles is proportional to the square of the particle radius. Therefore the actual error in size detection due to axial position of the particle is less than 10%.

During each flash, two detectors are used to determine the relative scattered light intensity. A high gain photomultiplier tube (PMT) is used to detect the scattered photons against a dark background (dark trap). A GaAs reference photodetector is located in the scattering chamber to measure the illumination intensity. The reference detector is used to normalize each flash to a constant intensity. Flash tubes exhibit a flash to flash variation in brightness. The reference detector is needed to remove the effect of that variation.

The actual light detected includes Rayleigh scattering, scattering by fine aerosol, scattering by coarse aerosol and wall scatter. To determine scattering by coarse aerosol only, all sources of background must be subtracted from the signal.

The detectable limits in concentration are set by the size of the sensing chamber and the flash rate. The maximum concentration that can be detected without coincidence counting is 0.5 cm^{-3} , dictated by the sample volume of 2 cm^3 . However, the practical limitation is about 0.2 cm^{-3} because the background suppression algorithm requires that large particles not be in the sensing volume for the majority of flashes. The minimum concentration is determined by the effective sampling rate:

$$\text{Sample Rate} = \text{Flash Rate} \times \text{Sensing Volume}$$

$$\text{Sample Rate} = 20 \text{ Hz} \times 2 \text{ cm}^3 = 2.4 \text{ liter/min}$$

During a five minute ascent sampling period the aerosol sensor can detect a particle concentration of slightly less than 100 m^{-3} , assuming a sample exchange rate of near 2.4 litre/min . If a much greater exchange rate is used, there is the possibility of a particle not being counted. If a lesser exchange rate prevails, coincidence counting may occur.

5.0 SIGNAL PROCESSING

Signal processing is based on a Motorola 63A03 single chip microprocessor. Code is written in 6800 assembler language and stored in a 8kx8 UV EPROM. The microprocessor controls all essential aspects of system operation including detector pulse integration, channel discrimination, background and dark current suppression, data output and flash rate control. The electronics are contained on two circuit boards. The main circuit board contains the processor, photomultiplier tube (PMT), high voltage supply and the input/output (I/O) circuitry. The main circuit board is located in the PMT enclosure found at the detector end of the device. The second board contains the flash lamp supply and triggering circuitry and is located in the dark trap enclosure, away from the PMT and processor to reduce noise. All high voltage connections, including the flash tube are potted for low pressure operation.

At power up, the flash tube begins to flash at 20 Hz, as preset in software. If the input voltage is low, the unit will continue to operate, however, at a lower flash rate. Prior to each flash, the voltage on the flash tube storage capacitor is tested. If adequate, the processor fires the flash tube, otherwise it waits until there is adequate charge. Any change in sampling rate is detectable at the flash count output channel.

During a flash, the currents produced from the PMT and reference detectors are used to pull down charged integration capacitors. The time to recharge each capacitor to a fixed voltage is a measure of the integrated light from that detector. Using comparators and internal timers, the digitized output from each detector is stored in an internal register. Prior to each flash, the charge on the integration capacitors is adjusted for dark current effects. This effectively eliminates dark current noise from total detected light output.

To determine the integrated pulse height above any background light, background must be subtracted from the total light detected. Background includes Rayleigh scattering by air, scattering by fine aerosol and stray scattering from the walls and dark trap. Since Rayleigh and aerosol background are continuously changing during balloon ascent, background must be continuously monitored. The aerosol sensor uses an algorithm for background correction that assumes most flashes contain background information only, with no large particles present. If this criterion is not met then coincidence counting is likely and concentrations are above the performance limit of the instrument. Background is measured with a moving exponential average over 50 flashes (2.5 seconds). If any pulse is more than twice present background, the increase in background is limited to 2%. This provides a smoothly changing background that is relatively insensitive to large particles yet will quickly adjust to aerosol layers and changing atmospheric pressure. Both the background average and total scattering (including coarse aerosol and background) are available as digital RS-232 or analog outputs. After background is subtracted, the remainder is divided by the reference signal to normalize the output to constant chamber illumination and then stored in a data register.

Four channels of size discrimination are available, with the channel edge values stored in memory registers. The background corrected signal is compared to these internal discriminator settings and a counter for the appropriate size range is incremented. The channel spacing is set with dip switches on the main circuit board. The channels are set such that the lower edge of channel 1 is $1/64$ that of the lower edge of channel 4. Channels 2 and 3 are equal logarithmic spacing between 1 and 4. Pulse height of a known scatterer was set by PMT high voltage gain. Particle free air is used as a zero reference and freon-12 (CCl_2F_2) is used for an

upscale reference value. The lower edges of the four channels are approximately 5 μm , 13 μm , 26 μm , and 50 μm effective particle diameter. The minimum size detectable is determined by the noise in the background measurement, that is the flash to flash variation rather than the average. The lower edge of channel 1 must be set to a voltage greater than the difference between the average background and the flash to flash noise, otherwise false counts will be produced in the first channel.

Real time data are available as seven, 0 to 5 volts, 16 bit resolution analog output channels. They include (1) total counts in each of 4 size channels, (2) the reference detector level, (3) total light scattering (analogous to a nephelometer) and (4) the incremental flash count. The size channels and flash count are incremental in 10 mv and 5 mv steps respectively. After the output ramp reaches 5.12 volts, that channel is reset to 0 volts and a new ramp is started. The reference detector and light scattering output are logarithmic at 1.5 volts/decade. The total light scattering channel is the total detected light without background suppression, including light scattered from any large particles (Figure 2).

Figure 2. Aerosol spectrometer block diagram.

6.0 DATA HANDLING

6.1 Data Transmission

The aerosol spectrometer uses a newly developed Space Data Corporation (SDC) 16-channel voltage sonde for data transmission. Standard meteorological parameters are measured by the SDC sonde, i.e., relative humidity (carbon element hygristor), ambient temperature and pressure. Altitude is calculated using trigonometric techniques, with ranging, azimuth and elevation angles supplied by the SDC GMD-5 ground station. The sonde has 11 voltage input channels, with voltage input levels of 0 to 5 volts. Seven of these channels are used for transmission of aerosol spectrometer data. The voltages transmitted are flash count, size bin 1, size bin 2, size bin 3, size bin 4, total light scatter and reference light level. The sonde converts all voltages to an audio frequency by means of a voltage controlled oscillator and uses this frequency to modulate a 1680 MHz carrier for transmission to the GMD-5 ground station.

6.2 Data Processing

The transmitted audio frequency is converted by the ground station software into the original voltages. After conversion, the meteorological parameters are reported in standard units. The aerosol spectrometer voltages are reported as raw voltages.

The flash count voltage is compared to the previous flash count voltage and the difference is divided by the flash count voltage increment set in the aerosol spectrometer software (5 mv). The resultant value is the number of flashes since the last channel query. The number of flashes is multiplied by the scattering volume to give the total volume sampled between data transmissions.

The four size bin voltages are also compared to previous voltages. If the difference is zero, then no particles have passed through the scattering chamber since last channel query. If the difference is greater than zero, the voltage value is divided by the size bin voltage increment set in aerosol sensor software (10 mv). The resultant value is the number of particles passing through the scattering volume since last channel query. This particle number divided by total sample volume (derived from flash count) gives particles per volume in each specified size bin.

Channel query occurs every 8 seconds on the SDC voltage sonde. Although the aerosol spectrometer is designed for use with the SDC sonde, at Air Force request, it is not limited to use with the SDC system. Any sonde with spare voltage input channels will suffice. Subsequent to its development, the aerosol spectrometer has been successfully integrated into an Atmospheric Instrumentation Research upper air sounding system. *

7.0 DATA PRESENTATION

Instrument preparation and balloon flight operations were conducted by Air Force 6th Weather Squadron personnel of Hurlburt Field, Florida. Florida data were collected near Eglin AFB on five flights from March through July, 1988. California data were collected near Edwards AFB on four flights during August, 1988. Florida data are given in Appendix A and California data are given in Appendix B.

Significant coarse particle concentrations (greater than 10 particles/liter on consecutive data transmissions) are measured on only three of nine flights, i.e., March 22, April 15 and July 12. These concentrations are only seen in the Florida data.

7.1 March 22, 1988 Data Summary

The balloon envelope was inflated to 10 m³ to achieve an ascent rate of 5 to 7 m/s, giving a vertical resolution of 40 to 55 m.

The aerosol spectrometer first detects particles at 9.9 km (287 mb) and last detects particles at 13.2 km (178 mb), thus defining a particle cloud depth of 3.3 km. The cloud top is situated at the base of the observed tropopause. Temperature measurements, made by onboard thermistor probe, show -41 °C at the base of the cirrus layer, with decreasing temperature to -65 °C at the cloud top (Figure 3). Magono (1968) has concluded, from laboratory experiments, that large polycrystalline ice formation is initiated at temperatures above -65 °C. March 22 temperature measurements, within the cirrus cloud, are consistent with this observation.

The data show four layers within the cirrus cloud (Figure 4). Concentrations as measured by the aerosol spectrometer are shown over approximate altitude increments in Table 1.

Particle size distribution within the first three layers (bases located at 9.9 km, 10.9 km and 11.8 km respectively) is roughly Gaussian. The fourth and final layer (base located at 12.5 km) shows a marked skewing in particle size toward the smallest size bin of 5 to 13 μm (Figure 5). Less than 1% of the particles comprising the upper two layers are larger than 26 μm . Particle size distribution within the cirrus cloud layers are shown in Table 2. Particle concentrations and size distributions are similar to those measured by aircraft instrumentation and reported by Heymsfield (1986).

Figure 3. Vertical temperature profile March 22, 1988.

Figure 4. Particle concentration distribution March 22, 1988.

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Figure 5. Particle size distribution March 22, 1988.

7.2 April 15, 1988 Data Summary

Particles are first detected at an altitude of 12.6 km (181 mb) and last detected at 12.9 km (175 mb), defining a particle cloud depth of 0.3 km. The cloud top is again situated at the base of the observed tropopause (Figure 6). Temperature at the base of the cloud is -58.6°C with -62.0°C at the cloud top (Figure 7).

The one shallow layer shows a particle size distribution skewed toward the 5 to 13 μm size bin (Figure 8). The particle size distribution is remarkably similar to the fourth layer of the March 22 cloud, indicating similar ice crystal growth conditions near the tropopause.

7.3 July 12, 1988 Data Summary

The aerosol spectrometer first detects particles at 11.9 km (213 mb) and last detects particles at 14.3 km (142 mb), defining the particle cloud depth of 2.4 km. The cloud top is situated at the base of the observed tropopause. The temperature at the cloud base is -46.6°C and drops to -66.6°C at the cloud top (Figure 9).

The data show four distinct layers within the cirrus cloud, just as in the March 22 data (Figure 10). All layers exhibit a Gaussian distribution of particle concentration with altitude.

Particle size distribution within the individual layers is also similar to the March data. Very few large particles are seen in any layer (Figure 11). The size distribution is skewed toward particles with less than 26 μm effective diameter in the upper two layers, as shown in Table 3.

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Figure 6. Particle concentration distribution April 15, 1988.

Figure 7. Vertical temperature profile April 15, 1988.

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Figure 8. Particle size distribution April 15, 1988.

Figure 9. Vertical temperature profile July 12, 1988.

880712

Figure 10. Particle concentration distribution July 12, 1988.

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Figure 11. Particle size distribution July 12, 1988.

Table 1. Concentration Distribution March 22, 1988.

Altitude (kilometers)	Concentration (liters)	Layer
9.9	91	I
10.0	97	
10.1	80	
10.3	242	
10.4	135	
10.5	74	
10.7	87	
10.8	68	
10.9	34	II
11.1	130	
11.3	232	
11.4	63	
11.5	41	
11.7	23	
11.9	19	III
12.1	107	
12.4	42	
12.5	18	IV
12.6	43	
12.7	44	
12.8	165	
13.1	189	

Table 2. Particle Size Relative Frequency March 22, 1988.

Layer I	
Size	Relative Frequency
5-13 um	0.241
13-26 um	0.283
26-50 um	0.290
> 50 um	0.187
Layer II	
5-13 um	0.239
13-26 um	0.312
26-50 um	0.253
> 50 um	0.196
Layer III	
5-13 um	0.202
13-26 um	0.661
26-50 um	0.113
> 50 um	0.023
Layer IV	
5-13 um	0.654
13-26 um	0.338
26-50 um	0.008
> 50 um	0.000

Table 3. Particle Size Relative Frequency July 12, 1988.

Layer I	
Size	Relative Frequency
5-13 um	0.279
13-26 um	0.375
26-50 um	0.287
> 50 um	0.059
Layer II	
5-13 um	0.267
13-26 um	0.327
26-50 um	0.318
> 50 um	0.088
Layer III	
5-13 um	0.460
13-26 um	0.381
26-50 um	0.159
> 50 um	0.000
Layer IV	
5-13 um	0.596
13-26 um	0.381
26-50 um	0.023
> 50 um	0.000

8.0 CONCLUSION

The Sandia/Radiance developed high altitude balloon-borne aerosol spectrometer shows much promise as a useful tool for the characterization of high thin cirrus clouds. With the advent of portable tracking stations, frequent soundings from virtually anywhere in the world are possible. The balloon-borne aerosol spectrometer offers a cost effective alternative to aircraft based high altitude coarse particle measurement programs.

REFERENCES

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Magono, C., 1968. "On the Additional Nucleation of Natural Snow Crystals," J. Rech. Atmos., 3:147-152.

APPENDIX A
FLORIDA DATA

22MAR88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
28	20.4	55.7	1031.9	0	0	0	0
70	16.2	62.1	1014.9	0	0	0	0
125	16.3	68.5	1009.5	0	0	0	0
173	15.8	71.7	1003.5	0	0	0	0
214	15.5	73.8	997.6	0	0	0	0
263	15.7	51.4	991.4	0	0	0	0
312	16.0	48.0	985.8	0	0	0	0
369	16.0	56.0	980.0	4	0	0	0
507	17.2	26.0	980.0	0	0	0	0
553	17.0	24.5	980.0	0	0	0	0
609	16.6	25.3	954.8	4	0	0	0
665	16.1	33.5	946.6	0	0	0	0
703	15.7	35.3	941.8	0	0	0	0
743	15.4	33.8	942.1	0	0	0	0
783	15.0	33.4	942.1	0	0	0	0
826	14.9	34.9	942.1	0	0	0	0
885	16.0	34.8	935.2	0	0	0	0
929	14.3	33.8	935.2	0	0	0	0
976	13.2	33.7	935.2	0	0	0	0
1030	13.5	30.8	935.2	0	0	0	0
1079	13.6	25.8	935.2	0	0	0	0
1181	13.2	21.7	887.8	0	0	0	0
1230	13.1	21.3	884.2	0	0	0	0
1285	12.9	21.4	884.0	0	0	0	0
1337	12.8	20.5	884.0	0	0	0	0
1378	12.6	20.8	884.0	0	0	0	0
1427	12.6	20.2	884.0	0	0	0	0
1506	12.3	20.0	857.6	0	0	0	0
1487	12.2	20.0	853.7	0	0	0	0
1501	12.1	19.9	848.5	0	0	0	0
1549	11.9	19.6	844.7	0	0	0	0
1634	11.8	19.9	844.5	0	0	0	0
1723	11.8	21.7	844.5	0	0	0	0
1823	11.4	22.3	844.5	0	0	0	0
1931	11.9	26.4	823.8	0	0	0	0
1979	9.9	25.0	796.2	0	0	0	0
2032	9.9	25.0	803.6	0	0	0	0
2073	9.2	24.6	798.1	0	0	0	0
2120	8.8	24.6	798.0	0	0	0	0
2171	8.7	23.9	798.0	0	0	0	0
2220	8.6	21.5	798.0	0	0	0	0

22MAR88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
2263	8.5	21.0	798.0	0	0	0	0
2308	8.3	20.2	798.0	0	0	0	0
2368	8.1	19.0	769.6	0	0	0	0
2410	7.9	19.4	765.2	0	0	0	0
2497	7.7	20.1	761.0	0	0	0	0
2601	8.0	21.2	757.9	0	0	0	0
2649	6.6	27.4	757.9	0	0	0	0
2701	6.1	20.4	757.9	0	0	0	0
2754	5.7	20.8	757.9	0	0	0	0
2800	5.3	20.8	757.9	0	0	0	0
2857	5.3	20.5	728.6	0	0	0	0
2902	4.8	20.9	723.1	0	0	0	0
2945	4.4	21.6	719.9	0	0	0	0
3000	4.1	22.5	714.9	0	0	0	0
3043	3.6	25.5	714.1	0	0	0	0
3091	3.3	22.5	711.1	0	0	0	0
3144	3.0	22.3	711.1	0	0	0	0
3198	2.9	21.8	711.1	0	0	0	0
3346	1.7	21.4	684.8	0	0	0	0
3388	0.8	20.8	681.1	0	0	0	0
3450	1.1	20.4	676.3	0	0	0	0
3491	0.7	20.5	676.3	0	0	0	0
3537	0.5	19.9	676.3	0	0	0	0
3581	0.3	19.8	676.3	0	0	0	0
3630	-0.2	20.1	676.3	0	0	0	0
3677	0.2	27.9	676.3	0	0	0	0
3737	-0.9	21.6	650.9	0	0	0	0
3792	-1.5	21.9	647.5	0	0	0	0
3833	-1.9	22.2	642.3	0	0	0	0
3888	-2.4	22.7	642.4	0	0	0	0
3938	-2.8	27.7	642.4	0	0	0	0
4078	-3.4	20.2	642.4	0	0	0	0
4130	-3.7	20.3	617.4	0	0	0	0
4177	-2.5	18.9	625.9	0	0	0	0
4231	-4.1	19.7	609.5	0	0	0	0
4273	-4.1	19.5	609.5	0	0	0	0
4327	-4.4	19.0	609.5	0	0	0	0
4370	-5.2	19.2	602.1	0	0	0	0
4423	-5.3	19.1	602.1	0	0	0	0
4480	-5.7	19.5	602.1	0	0	0	0
4528	-5.7	19.4	602.1	0	0	0	0

22MAR88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
4577	-6.1	19.2	602.1	0	0	0	0
4635	-6.4	19.4	578.0	0	0	0	0
4680	-6.7	19.3	578.5	0	0	0	0
4782	-7.5	20.0	570.1	0	0	0	0
4819	-6.3	14.8	570.1	0	0	0	0
4879	-7.7	19.1	567.0	0	0	0	0
4922	-7.8	18.9	567.0	0	0	0	0
4985	-8.1	18.8	567.0	0	0	0	0
5032	-8.2	18.6	567.0	0	0	0	0
5126	-8.7	18.8	544.9	0	0	0	0
5189	-8.0	14.6	552.4	0	0	0	0
5246	-9.6	18.9	536.8	0	0	0	0
5296	-9.9	18.7	536.8	0	0	4	0
5344	-10.4	19.0	536.8	0	0	0	0
5408	-10.8	19.0	536.8	0	0	0	0
5453	-11.2	19.0	536.8	0	0	0	0
5558	-11.9	18.9	515.1	0	0	0	0
5609	-12.3	18.8	511.3	0	0	0	0
5671	-12.7	19.3	511.3	0	0	0	0
5713	-12.8	18.8	508.0	0	0	0	0
5761	-13.2	18.7	505.3	0	0	0	0
5864	-13.7	18.8	501.8	0	0	0	0
5910	-13.9	18.7	501.8	0	0	0	0
5963	-14.1	18.7	501.8	0	0	0	0
6007	-14.7	18.7	501.8	0	0	0	0
6060	-15.1	18.7	481.3	0	0	0	0
6170	-15.9	18.7	474.2	0	0	0	0
6228	-16.4	18.9	474.2	0	0	0	0
6325	-17.1	19.0	470.5	0	0	0	0
6378	-17.6	18.8	470.5	0	0	0	0
6422	-18.6	18.8	460.6	4	0	0	0
6471	-18.4	18.9	460.6	0	0	0	0
6521	-18.9	18.7	460.6	0	0	0	0
6575	-18.9	18.9	451.1	0	0	0	0
6630	-19.1	18.7	451.1	0	0	0	0
6685	-19.3	16.9	446.6	0	0	0	0
6726	-19.7	30.2	446.6	0	0	0	0
6776	-20.3	18.9	446.6	0	0	0	0
6830	-20.7	18.9	446.6	0	0	0	0
6889	-20.9	18.7	446.6	0	0	0	0
6948	-21.2	18.9	446.6	0	0	0	0

22MAR88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
7118	-21.8	18.8	419.4	0	0	0	0
7174	-22.9	18.8	416.8	0	0	0	0
7240	-22.6	18.8	416.8	0	0	0	0
7290	-23.0	18.7	412.8	0	7	0	0
7349	-23.4	18.9	412.8	0	0	0	0
7408	-23.6	18.9	406.7	0	0	0	0
7454	-23.4	16.8	414.9	0	0	0	0
7506	-24.3	18.9	414.9	0	0	0	0
7559	-24.7	19.1	414.9	0	0	0	0
7611	-25.1	19.0	414.9	0	0	0	0
7658	-25.4	19.2	414.9	0	0	0	0
7709	-25.7	19.3	379.9	0	0	0	0
7752	-25.8	19.3	383.4	0	0	0	0
7933	-26.5	19.5	378.0	0	0	0	0
7988	-27.5	19.4	378.0	0	0	0	0
8051	-27.4	19.5	378.0	0	0	0	0
8106	-28.2	19.7	378.0	0	0	0	0
8212	-28.6	19.8	359.5	0	0	0	0
8271	-29.1	19.7	356.3	0	0	0	0
8307	-29.0	19.6	354.1	0	0	0	0
8364	-29.2	15.5	354.5	0	0	0	0
8408	-30.0	19.7	351.0	0	0	0	0
8531	-30.6	19.7	348.1	0	0	0	0
8587	-31.0	18.2	348.1	0	0	0	0
8711	-31.9	19.8	348.1	0	0	0	0
8768	-32.3	19.6	348.1	0	0	0	0
8825	-32.8	20.0	328.9	0	0	0	0
8880	-32.8	19.8	323.7	0	0	0	0
8979	-33.9	19.9	321.7	0	0	0	0
9042	-34.3	19.8	319.9	0	0	0	0
9082	-34.8	19.7	320.8	0	0	0	0
9135	-35.4	19.9	316.1	0	0	0	0
9189	-35.7	19.9	315.2	0	0	0	0
9258	-35.8	19.9	311.7	0	0	0	0
9310	-36.7	19.9	310.6	0	0	0	0
9348	-36.7	20.0	307.2	0	0	0	0
9400	-37.5	20.3	305.9	0	0	0	0
9521	-38.4	20.1	300.0	0	0	0	0
9574	-38.7	20.5	296.3	0	0	0	0
9606	-38.8	20.4	295.7	0	0	0	0
9655	-39.3	20.4	293.5	0	0	0	0

22MAR88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
9730	-39.9	20.4	291.0	0	0	0	0
9779	-40.5	20.7	287.3	0	0	0	4
9828	-40.9	21.2	285.9	0	0	7	4
9890	-41.2	22.0	283.4	22	15	15	11
10023	-40.9	15.8	283.9	4	4	12	8
10061	-41.3	29.2	278.5	14	7	4	11
10110	-41.2	33.2	277.8	15	15	23	8
10138	-41.3	32.5	272.8	11	26	11	0
10209	-42.1	39.6	272.8	7	4	21	0
10346	-42.3	37.2	266.6	7	11	7	18
10393	-42.4	38.3	263.3	52	71	48	28
10421	-42.9	39.0	262.3	14	18	14	18
10511	-43.6	39.3	262.3	11	26	19	15
10537	-44.1	39.6	257.9	18	21	0	11
10625	-44.6	40.1	257.8	0	10	14	0
10717	-45.0	40.2	257.8	15	4	7	7
10736	-45.4	40.4	257.8	0	7	40	7
10798	-46.1	41.0	257.8	23	8	19	0
10896	-46.8	41.7	257.8	0	4	7	7
10911	-47.2	42.2	243.3	4	4	0	19
10998	-47.8	42.4	237.2	0	7	0	0
11130	-48.8	42.2	235.4	18	11	22	0
11233	-49.8	42.2	231.7	18	25	18	18
11280	-50.7	42.4	230.3	40	65	51	47
11342	-50.6	42.4	227.8	11	7	11	15
11388	-51.2	42.4	226.9	0	11	7	0
11463	-51.5	42.5	227.4	4	4	4	18
11521	-52.4	42.6	222.7	7	11	15	0
11585	-52.5	42.7	222.7	11	7	4	7
11771	-53.2	42.8	218.5	4	4	4	0
11738	-53.3	42.8	216.1	0	0	0	0
11768	-54.1	42.8	214.3	4	8	0	0
11806	-54.4	43.0	211.1	11	7	0	0
11894	-55.0	42.9	210.1	0	4	7	0
11923	-55.1	42.8	208.1	4	0	0	4
12140	-56.8	42.9	201.2	4	33	4	0
12176	-57.5	42.9	199.0	11	51	4	0
12437	-57.9	42.9	196.8	4	23	4	0
12310	-58.7	42.8	194.4	11	0	0	0
12360	-59.1	42.9	192.9	0	0	0	0
12450	-59.5	42.8	190.5	0	0	0	0

22MAR88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
12527	-59.7	42.9	190.4	0	14	0	0
12564	-60.2	42.9	189.3	4	0	0	0
12567	-60.6	43.0	187.9	0	0	0	0
12686	-60.8	40.8	188.2	35	8	0	0
12672	-60.9	43.0	184.9	18	0	0	0
12761	-61.4	43.0	183.5	19	7	0	0
12790	-61.9	43.0	182.0	10	10	0	0
13023	-64.2	41.3	178.4	76	65	4	0
13114	-65.2	43.2	178.4	105	40	0	0
13210	-65.6	46.1	178.4	33	11	0	0
13256	-65.5	43.2	168.8	0	0	0	0
13302	-64.7	44.7	168.8	0	0	0	0
13410	-64.4	43.1	165.8	0	0	0	0
13380	-63.5	42.4	164.8	0	0	0	0
13471	-63.7	42.9	164.8	0	0	0	0
13559	-64.0	42.8	161.8	0	0	0	0
13614	-64.0	42.7	161.8	0	0	0	0
13663	-64.3	42.6	158.7	0	0	0	0
13775	-64.4	42.5	154.9	0	0	0	0
13897	-62.8	42.2	153.8	0	0	0	0
13936	-61.9	42.1	149.2	0	0	0	0
13952	-62.6	42.0	151.2	0	0	0	0
14059	-63.0	41.6	147.9	0	0	0	0
14154	-62.1	41.4	146.0	0	0	0	0
14218	-63.2	41.2	145.0	0	0	0	0
14346	-62.9	41.2	142.4	0	0	0	0
14437	-63.9	41.0	142.1	0	0	0	0
14412	-63.9	41.0	139.8	0	0	0	0
14440	-64.4	40.9	140.0	0	0	0	0
14502	-64.5	40.9	136.7	0	0	0	0
14558	-64.9	40.8	137.7	0	0	0	0
14610	-64.6	40.7	135.2	0	0	0	0
14711	-64.1	40.6	133.1	0	0	0	0
14781	-64.0	40.5	132.1	0	0	0	0
14830	-64.5	40.6	130.2	0	0	0	0
14857	-64.9	40.4	129.2	0	0	0	0
15560	-67.5	40.3	113.2	0	0	0	0
15668	-68.2	40.2	115.1	0	0	0	0
15783	-68.6	40.2	111.2	0	0	0	0
15884	-67.8	40.2	110.2	0	0	0	0
15933	-68.9	40.1	108.7	0	0	0	0

22MAR88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
15981	-67.8	40.1	108.8	0	0	0	0
16045	-68.2	40.1	106.6	0	0	0	0
16148	-67.7	40.1	107.1	0	0	0	0
16188	-68.5	40.1	104.2	0	0	0	0
16218	-67.9	34.5	104.8	0	0	0	0
16280	-68.2	40.0	101.1	0	0	0	0
16431	-68.6	41.5	100.4	0	0	0	0
16370	-68.4	41.8	101.2	0	0	0	0
16421	-68.6	40.0	100.4	0	0	0	0
16521	-68.0	40.0	100.4	0	0	0	0
16598	-68.3	39.9	99.2	0	0	0	0
16386	-68.9	39.9	98.6	0	0	0	0
16496	-68.7	39.9	96.2	0	0	0	0
16605	-68.8	39.9	96.9	0	0	0	0
16676	-68.1	39.9	95.4	0	0	0	0
16744	-69.0	39.8	95.4	0	0	0	0
16809	-67.5	39.9	93.4	0	0	0	0
16967	-67.7	39.9	90.7	0	0	0	0
17029	-67.1	39.9	90.4	0	0	0	0
17089	-66.6	39.8	89.8	0	0	0	0
17152	-66.3	35.4	91.8	0	0	0	0
17205	-66.6	39.8	86.9	0	0	0	0
17238	-66.1	38.7	88.5	0	0	0	0
17315	-66.7	39.6	85.7	0	0	0	0
17389	-67.7	39.3	84.9	0	0	0	0
17456	-66.7	39.6	84.1	0	0	0	0
17507	-67.0	39.5	85.4	0	0	0	0
17575	-66.6	39.6	83.9	0	0	0	0
17588	-67.7	39.5	84.0	0	0	0	0
17660	-67.6	39.6	82.6	0	0	0	0
17771	-67.6	39.5	80.2	0	0	0	0
17829	-67.4	37.1	80.9	0	0	0	0
17888	-67.5	39.5	78.2	0	0	0	0
17937	-66.8	40.1	79.3	0	0	0	0
18024	-66.8	39.5	76.8	0	0	0	0
18043	-67.1	39.3	78.5	0	0	0	0
18076	-66.7	40.3	75.0	0	0	0	0
18123	-67.2	39.3	77.3	0	0	0	0
18164	-67.1	39.3	75.7	0	0	0	0
18206	-67.1	39.3	76.1	0	0	0	0
18270	-66.5	39.4	74.4	0	0	0	0

22MAR88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
18328	-66.5	39.2	73.3	0	0	0	0
18354	-66.3	39.2	73.3	0	0	0	0
18408	-65.8	37.9	74.0	0	0	0	0
18709	-66.0	39.1	70.6	0	0	0	0
18477	-65.7	39.1	72.4	0	0	0	0
18522	-66.1	38.5	68.8	0	0	0	0
18604	-65.8	38.9	70.3	0	0	0	0
18622	-66.2	38.9	71.2	0	0	0	0
18664	-65.2	38.9	69.8	0	0	0	0
18708	-64.7	38.8	70.8	0	0	0	0
18774	-64.0	38.8	69.6	0	0	0	0
18667	-63.4	38.8	71.7	0	0	0	0
18535	-63.2	34.9	71.8	0	0	0	0
18604	-64.1	38.7	69.1	0	0	0	0
18437	-64.1	38.7	71.3	0	0	0	0
18246	-64.9	38.6	72.3	0	0	0	0
18270	-64.6	38.7	71.9	0	0	0	0
18292	-65.3	38.7	73.1	0	0	0	0
18324	-65.1	38.6	72.7	0	0	0	0

15APR88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
139	18.6	76.0	1000.4	0	0	0	0
229	18.3	70.4	994.2	11	29	0	0
271	18.1	75.1	990.0	0	0	0	0
313	17.8	75.2	985.6	0	0	0	0
354	17.8	68.2	980.7	0	0	0	0
396	17.7	58.9	975.2	0	0	0	0
442	17.9	47.6	970.1	0	0	0	0
481	17.8	39.6	967.1	4	0	0	0
523	18.0	36.6	961.3	0	0	0	0
573	18.1	31.2	961.1	0	0	0	0
666	17.8	31.0	961.1	0	0	0	0
709	17.6	31.7	961.1	0	0	0	0
759	17.3	31.3	961.1	0	0	0	0
802	17.0	31.0	931.7	0	0	0	0
854	16.6	31.1	927.7	0	0	0	0
902	16.4	31.8	919.6	0	0	0	0
937	16.1	31.9	919.6	0	0	0	0
978	15.7	32.2	916.8	0	0	0	0
1062	15.0	33.1	916.8	0	0	0	0
1117	14.7	34.3	916.8	0	0	0	0
1159	14.4	33.9	916.8	0	0	0	0
1192	13.9	33.9	885.7	0	0	0	0
1236	13.6	34.7	883.1	0	0	0	0
1328	13.0	38.3	879.6	0	0	0	0
1369	12.6	38.6	879.6	0	0	0	0
1418	12.3	37.7	879.6	0	0	0	0
1460	12.1	37.1	879.6	0	0	0	0
1496	11.8	36.9	879.6	0	0	0	0
1534	11.3	36.0	851.3	0	0	0	0
1581	11.0	36.4	847.5	0	0	0	0
1634	10.5	36.8	841.6	0	0	0	0
1666	10.0	37.0	841.8	0	0	0	0
1719	9.8	36.6	838.3	0	0	0	0
1764	9.3	33.4	838.3	0	0	0	0
1825	9.1	33.0	838.3	0	0	0	0
1927	8.3	33.3	838.3	0	0	0	0
2008	7.5	33.4	806.3	0	0	0	0
2070	7.3	32.7	800.4	0	0	0	0
2112	7.3	31.0	797.2	0	0	0	0
2157	7.0	28.3	797.2	0	0	0	0
2195	6.8	28.7	797.2	0	0	0	0
2237	6.7	27.6	797.2	0	0	0	0

15APR88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
2275	6.5	27.4	797.2	0	0	0	0
2309	6.0	27.2	797.2	0	0	0	0
2376	5.7	26.0	772.8	0	0	0	0
2403	5.5	26.3	768.7	0	0	0	0
2465	5.2	26.3	763.5	0	0	0	0
2492	4.9	26.2	761.1	0	0	0	0
2536	4.8	25.9	757.5	0	0	0	0
2666	4.9	21.3	757.5	0	0	0	0
2716	4.8	20.7	757.5	0	0	0	0
2766	4.9	20.8	757.5	0	0	0	0
2814	4.5	20.8	734.4	0	0	0	0
2860	4.2	21.3	727.6	0	0	0	0
2904	3.7	25.6	724.0	0	0	0	0
2950	3.3	28.4	721.1	0	0	0	0
3000	3.0	28.9	721.1	0	0	0	0
3058	2.5	30.0	721.1	0	0	0	0
3105	2.1	30.5	721.1	0	0	0	0
3152	1.8	30.9	721.1	0	0	0	0
3202	1.5	30.9	721.1	0	0	0	0
3257	1.1	31.2	688.2	0	0	0	0
3409	0.6	25.9	680.8	0	0	0	0
3457	0.4	25.2	680.8	0	0	0	0
3505	0.5	25.9	680.8	0	0	0	0
3545	0.3	25.6	680.8	0	0	0	0
3588	0.1	25.6	680.8	0	0	0	0
3688	-0.3	25.5	654.9	0	0	0	0
3731	-0.7	25.6	651.5	0	0	0	0
3776	-1.2	26.3	647.1	0	0	0	0
3825	-1.7	27.3	646.9	0	0	0	0
3870	-1.9	27.4	644.4	0	0	0	0
3908	-2.3	28.1	644.4	0	0	0	0
3945	-2.6	28.2	644.4	0	0	0	0
3996	-2.8	27.3	644.4	0	0	0	0
4115	-3.2	26.3	620.8	0	0	0	0
4145	-3.4	24.8	613.1	0	0	0	0
4215	-3.4	23.4	611.8	0	0	0	0
4280	-3.8	24.1	611.6	0	0	0	0
4357	-4.5	24.2	607.4	0	0	0	0
4414	-4.7	25.4	607.4	0	0	0	0
4485	-4.9	25.7	597.6	0	0	0	0
4524	-5.3	25.8	597.6	0	0	0	0
4543	-5.7	25.5	597.6	0	0	0	0

15APR88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
4613	-6.4	25.3	597.6	0	0	0	0
4677	-6.6	24.5	597.6	0	0	0	0
4739	-6.9	24.4	575.3	0	0	0	0
4800	-7.1	24.2	570.4	0	0	0	0
4861	-7.7	24.7	568.6	0	0	0	0
4910	-8.2	24.5	568.6	0	0	0	0
4977	-8.5	24.8	568.6	0	0	0	0
5046	-8.8	25.0	568.6	0	0	0	0
5107	-9.3	25.1	568.6	0	0	0	0
5106	-9.5	25.3	547.0	0	0	0	0
5167	-9.6	24.8	544.3	0	0	0	0
5243	-9.6	23.7	538.7	0	0	0	0
5296	-10.3	25.1	537.2	0	0	0	0
5358	-10.7	24.9	532.9	0	0	0	0
5428	-10.9	26.7	532.9	0	0	0	0
5488	-11.2	37.2	532.9	0	0	0	0
5526	-11.7	43.7	532.9	0	0	0	0
5609	-12.5	48.3	513.8	0	0	0	0
5682	-13.0	48.8	509.9	0	0	0	0
5732	-13.2	47.3	506.7	0	0	0	0
5745	-13.5	46.1	506.6	0	0	0	0
5818	-13.8	46.0	506.6	0	0	0	0
5895	-14.2	45.9	506.6	0	0	0	0
5929	-15.0	45.9	506.6	0	0	0	0
5950	-15.4	44.3	506.6	0	0	0	0
6032	-15.7	43.7	488.0	0	0	0	0
6093	-16.4	44.2	481.0	0	0	0	0
6170	-16.6	44.7	481.1	0	0	0	0
6139	-17.0	45.3	477.0	0	0	0	0
6263	-17.9	46.8	472.7	0	0	0	0
6411	-18.9	44.9	472.7	0	0	0	0
6381	-19.1	41.1	463.3	0	0	0	0
6449	-19.1	37.7	463.3	0	0	0	0
6524	-19.4	35.7	463.3	0	0	0	0
6609	-19.5	32.8	463.3	0	0	0	0
6640	-19.7	32.0	463.3	0	0	0	0
6623	-19.7	30.6	446.1	0	0	0	0
6702	-19.9	30.3	438.1	0	0	0	0
6769	-20.3	30.3	439.5	0	0	0	0
6844	-20.9	30.8	434.9	0	0	0	0
6924	-21.2	30.9	432.5	0	0	0	0
6896	-21.7	31.2	430.1	0	0	0	0

15APR88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
6925	-21.9	31.8	430.0	0	0	0	0
7166	-22.4	29.4	421.6	0	0	0	0
7255	-22.7	29.3	421.6	0	0	0	0
7188	-22.9	29.1	421.6	0	0	0	0
7242	-23.3	29.0	411.9	0	0	0	0
7331	-23.8	29.0	411.9	0	0	0	0
7400	-24.3	29.2	404.3	0	0	0	0
7485	-24.5	29.3	404.3	0	0	0	0
7551	-25.2	29.7	404.3	0	0	0	0
7483	-25.5	30.0	404.3	0	0	0	0
7581	-26.1	30.6	404.3	0	0	0	0
7672	-26.5	30.7	389.0	0	0	0	0
7736	-26.9	31.3	384.7	0	0	0	0
7832	-27.4	31.5	383.7	0	0	0	0
7902	-28.5	33.0	379.7	0	0	0	0
7983	-29.1	33.0	379.7	0	0	0	0
8173	-29.5	33.5	370.0	0	0	0	0
8150	-29.9	33.5	370.0	0	0	0	0
8076	-30.3	33.6	370.0	0	0	0	0
8148	-30.7	33.8	362.1	0	0	0	0
8243	-31.1	33.9	362.1	0	0	0	0
8319	-31.7	34.5	358.1	0	0	0	0
8419	-32.6	34.9	358.1	0	0	0	0
8509	-33.2	35.3	358.1	0	0	0	0
8485	-33.6	35.8	348.2	0	0	0	0
8501	-33.9	36.3	348.2	0	0	0	0
8597	-34.1	35.9	348.2	0	0	0	0
8794	-34.7	34.2	341.7	0	0	0	0
8670	-35.0	33.9	341.7	0	0	0	0
8772	-35.4	33.8	333.4	0	0	0	0
8870	-35.5	33.4	333.4	0	0	0	0
8978	-35.8	32.9	323.7	0	0	0	0
8964	-36.2	32.7	323.9	0	0	0	0
9067	-36.5	32.8	319.4	0	0	0	0
9149	-36.8	32.8	319.6	0	0	0	0
9258	-37.1	33.0	315.1	0	0	0	0
9114	-37.5	33.5	312.1	0	0	0	0
9238	-38.2	34.1	308.6	0	0	0	0
9343	-38.7	34.6	307.7	0	0	0	0
9430	-38.8	35.0	307.8	0	0	0	0
9534	-39.8	36.2	302.0	0	0	0	0
9487	-40.6	37.0	297.5	0	0	0	0

15APR88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
9603	-40.8	37.6	297.7	0	0	0	0
9682	-41.4	38.2	293.4	0	0	0	0
9800	-41.7	38.6	292.6	0	0	0	0
9866	-41.8	38.7	289.6	0	0	0	0
9719	-41.8	38.4	287.6	0	0	0	0
9836	-42.3	38.4	283.5	0	0	0	0
10033	-43.0	38.1	284.5	0	0	0	0
10157	-43.4	37.7	284.8	0	0	0	0
10288	-43.7	37.7	284.8	0	0	0	0
10077	-44.0	37.4	284.8	0	0	0	0
10163	-44.1	37.3	284.8	0	0	0	0
10335	-44.8	36.9	268.4	0	0	0	0
10585	-45.4	36.9	264.9	0	0	0	0
10505	-45.7	36.9	263.3	0	0	0	0
10322	-46.2	36.7	262.8	0	0	0	0
10559	-46.4	36.9	259.4	0	0	0	0
10526	-46.8	36.9	256.1	0	0	0	0
10642	-47.4	36.8	255.9	0	0	0	0
10696	-48.0	36.7	254.7	0	0	0	0
10838	-48.5	36.8	250.6	0	0	0	0
11103	-48.8	36.7	246.7	0	0	0	0
10648	-49.1	36.6	244.9	0	0	0	0
10737	-49.4	36.6	245.0	0	0	0	0
10960	-50.3	36.6	240.8	0	0	0	0
11120	-51.2	36.6	235.1	0	0	0	0
11216	-51.9	36.6	233.1	0	0	0	0
11319	-52.4	36.7	231.4	0	0	0	0
11438	-52.9	36.6	228.9	0	0	0	0
11518	-53.1	36.6	227.6	0	0	0	0
11447	-53.6	36.8	224.8	0	0	0	0
11250	-54.3	36.8	223.0	0	0	0	0
11354	-54.7	36.8	222.4	0	0	0	0
11500	-54.9	36.7	218.8	0	0	0	0
11564	-55.4	36.8	216.8	0	0	0	0
11668	-55.9	36.9	214.4	0	0	0	0
11792	-56.3	36.9	212.3	0	0	0	0
11877	-56.7	36.9	212.5	0	0	0	0
12138	-57.2	37.1	206.5	0	0	0	0
12060	-57.0	37.1	204.5	0	0	0	0
12230	-57.5	37.1	202.6	0	0	0	0
11922	-57.6	37.2	202.0	0	0	0	0
12034	-58.1	37.1	198.1	0	0	0	0

15APR88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
12159	-58.1	37.2	198.1	0	0	0	0
12266	-58.5	37.1	193.8	0	0	0	0
12369	-58.6	37.3	194.5	0	0	0	0
12426	-58.9	37.3	192.1	0	0	0	0
12513	-58.7	37.3	192.2	0	0	0	0
12649	-58.5	37.3	187.5	0	0	0	0
12763	-58.4	37.3	188.5	0	0	0	0
12865	-58.6	37.2	187.2	0	0	0	0
12608	-59.9	37.3	180.9	0	0	0	25
12864	-60.7	37.2	180.2	295	0	0	29
12824	-60.9	37.3	178.1	305	0	0	55
12935	-62.0	37.4	174.8	0	40	105	55
12988	-62.2	37.3	173.9	0	0	0	0
13066	-62.4	37.4	170.5	0	0	0	0
13155	-62.9	37.3	170.2	0	0	0	0
13337	-62.6	37.4	168.5	0	0	0	0
13394	-62.0	37.4	167.3	0	0	0	0
13604	-61.7	37.4	167.4	0	0	0	0
13525	-61.9	37.4	164.5	0	0	0	0
13578	-61.8	37.4	161.8	0	0	0	0
13709	-62.4	37.4	159.7	0	0	0	0
13936	-62.7	37.4	157.2	0	0	0	0
14011	-62.1	37.3	154.9	0	0	0	0
14088	-61.8	37.4	153.9	0	0	0	0
13696	-61.8	37.4	152.1	0	0	0	0
13784	-60.9	37.3	148.8	0	0	0	0
13880	-60.7	37.3	149.3	0	0	0	0
13997	-60.7	37.3	146.4	0	0	0	0
14089	-60.9	37.2	146.1	0	0	0	0
14194	-60.8	37.2	144.0	0	0	0	0
14293	-61.5	37.2	142.8	0	0	0	0
14370	-60.8	37.2	140.6	0	0	0	0
14455	-60.6	37.2	141.4	0	0	0	0
14539	-60.1	37.0	140.1	0	0	0	0
14653	-60.0	37.0	137.4	0	0	0	0
14688	-59.9	37.0	132.2	0	0	0	0
14778	-60.2	36.9	133.9	0	0	0	0
14898	-60.4	36.9	131.6	0	0	0	0
14981	-60.4	36.9	131.4	0	0	0	0
14831	-60.5	36.9	130.1	0	0	0	0
15118	-61.3	36.8	130.4	0	0	0	0
15185	-62.0	36.9	127.9	0	0	0	0

15APR88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
15561	-62.7	36.8	124.6	0	0	0	0
15371	-63.3	36.8	125.3	0	0	0	0
15405	-63.4	36.8	122.7	0	4	0	0
15110	-63.8	37.0	121.4	0	0	0	0
15587	-63.9	36.9	120.2	0	0	0	0
15427	-63.9	36.9	118.0	0	0	0	0
15518	-64.0	37.0	121.2	0	0	0	0
15610	-64.2	36.8	117.5	0	0	0	0
15701	-63.9	37.0	114.7	0	0	0	0
15793	-62.6	38.0	112.2	0	0	0	0
15884	-62.4	36.8	112.5	0	0	0	0
15976	-62.2	36.7	113.0	0	0	0	0
16067	-62.2	36.8	111.2	0	0	0	0
16113	-62.2	36.8	110.2	0	0	0	0
16120	-62.0	36.8	108.7	0	0	0	0
16128	-61.4	36.8	107.8	0	0	0	0
16159	-61.6	36.7	107.4	0	0	0	0
16279	-62.1	36.7	102.9	0	0	0	0
16193	-62.6	36.5	103.1	0	0	0	0
16447	-63.3	36.7	99.4	0	0	0	0
16737	-64.0	36.7	99.7	0	0	0	0
16516	-64.4	36.7	99.8	0	0	0	0
16870	-64.8	36.6	97.4	0	0	0	0
16638	-66.0	36.6	97.9	0	0	0	0
16992	-65.5	36.8	97.8	0	0	0	0
16790	-65.7	36.7	95.1	0	0	0	0
17104	-65.6	36.7	91.5	0	0	0	0
17157	-65.4	36.7	93.8	0	0	0	0
16842	-65.4	36.9	90.2	0	0	0	0
17206	-65.0	36.8	92.6	0	0	0	0
10000	-64.8	36.8	89.2	0	0	0	0
17086	-64.5	36.7	89.2	0	0	0	0
16759	-63.4	36.8	88.7	0	0	0	0
17563	-63.6	36.7	89.7	0	0	0	0
17018	-63.8	36.8	87.3	0	0	0	0
17684	-64.0	36.9	85.5	0	0	0	0
17715	-64.4	36.7	86.9	0	0	0	0
17713	-65.2	36.7	83.1	0	0	0	0
17574	-65.2	36.6	84.3	0	0	0	0
17839	-65.6	36.7	81.0	0	0	0	0
17896	-66.1	36.7	82.3	0	0	0	0
17933	-66.8	36.7	81.0	0	0	0	0

15APR88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
18002	-66.4	36.8	81.6	0	0	0	0
18115	-65.1	36.7	80.1	0	0	0	0
18161	-65.0	36.8	78.8	0	0	0	0
18218	-64.7	36.7	76.5	0	0	0	0
18288	-65.0	36.8	77.6	0	0	0	0
18344	-65.0	36.6	75.8	0	0	0	0
18373	-64.7	36.7	74.3	0	0	0	0
18438	-64.4	36.6	73.5	0	0	0	0
18495	-64.1	36.6	73.6	0	0	0	0
18524	-64.1	36.7	75.0	0	0	0	0
18648	-64.4	36.6	72.2	0	0	0	0
18683	-64.6	36.6	73.4	0	0	0	0
18716	-64.3	36.7	71.3	0	0	0	0

10JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
34	22.7	52.5	1015.3	0	0	0	0
78	22.7	55.3	1011.7	0	0	0	0
125	21.5	59.9	1007.0	0	0	0	0
172	21.0	65.9	1000.5	0	0	0	0
214	20.7	68.6	995.7	0	0	0	0
266	20.3	72.5	989.1	0	0	0	0
303	19.9	74.7	983.7	0	0	0	0
385	18.9	77.8	983.7	0	0	0	0
444	18.5	81.9	983.7	0	0	0	0
492	18.0	81.9	983.7	0	0	0	0
555	18.0	83.5	983.7	4	0	0	0
645	17.7	81.4	947.1	0	0	0	0
683	18.3	80.4	942.1	0	0	0	0
733	18.8	72.6	942.1	0	0	0	0
757	19.4	71.1	942.1	0	0	0	0
796	19.5	73.0	942.1	0	0	0	0
841	19.2	73.9	942.1	0	0	0	0
906	18.7	78.3	913.5	0	0	0	0
990	18.1	78.3	907.6	0	0	0	0
1045	17.8	78.2	907.6	0	0	0	0
1140	17.3	77.3	902.0	0	0	0	0
1186	17.2	75.1	902.0	0	0	0	0
1233	16.9	83.0	902.0	0	0	0	0
1283	16.1	85.0	902.0	0	0	0	0
1331	16.3	80.3	902.0	0	0	0	0
1376	15.9	79.5	869.8	0	0	0	0
1410	16.0	76.1	865.0	0	0	0	0
1446	15.9	70.7	864.9	0	0	0	0
1517	16.1	70.2	864.9	0	0	0	0
1572	15.6	69.8	864.9	0	0	0	0
1619	15.0	71.4	864.9	0	0	0	0
1660	14.6	72.0	839.6	0	0	0	0
1710	14.2	74.7	834.7	0	0	0	0
1806	14.1	69.0	829.6	0	0	0	0
1863	14.1	59.3	829.6	0	0	0	0
1905	14.2	55.7	829.6	0	0	0	0
1955	13.9	55.7	829.6	0	0	0	0
2005	13.5	55.7	829.6	0	0	0	0
2055	13.5	55.7	804.4	0	0	0	0
2107	13.2	55.8	798.1	0	0	0	0
2175	12.7	58.2	794.7	0	0	0	0
2218	12.0	63.0	794.3	0	0	0	0

10JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
2270	11.8	64.8	794.3	0	0	0	0
2307	11.3	63.8	794.3	0	0	0	0
2362	11.0	65.3	794.3	0	0	0	0
2450	10.5	64.4	763.9	0	0	0	0
2545	10.1	65.5	759.0	0	0	0	0
2583	9.7	66.0	759.0	0	0	0	0
2633	9.7	74.7	759.0	0	0	0	0
2670	9.5	75.7	759.0	0	0	0	0
2720	9.0	76.8	759.0	0	0	0	0
2762	8.7	81.5	737.4	0	0	0	0
2814	8.3	87.3	732.7	0	0	0	0
2865	7.9	88.5	727.1	0	0	0	0
2918	7.4	89.5	727.3	0	0	0	0
2962	6.9	89.0	727.3	0	0	0	0
3010	6.4	90.2	727.3	0	0	0	0
3067	6.4	90.2	727.3	0	0	0	0
3119	6.2	87.8	727.3	0	0	0	0
3303	5.0	92.2	696.5	0	0	0	0
3341	4.7	92.3	696.5	0	0	0	0
3392	4.8	88.4	696.5	0	0	0	0
3425	4.7	81.4	696.5	0	0	0	0
3474	4.7	75.4	696.5	0	0	0	0
3519	4.3	67.1	670.8	0	0	0	0
3557	4.2	62.2	667.4	0	0	0	0
3608	4.0	62.2	667.4	0	0	0	0
3654	4.0	63.2	664.0	0	0	0	0
3698	3.5	66.8	664.0	0	0	0	0
3744	3.1	64.9	664.0	0	0	0	0
3792	2.8	52.7	664.0	0	0	0	0
3945	3.6	24.5	637.8	0	0	0	0
3999	3.7	25.7	634.8	0	0	0	0
4039	3.5	26.6	634.9	0	0	0	0
4080	3.2	28.5	630.5	0	0	0	0
4134	2.9	28.5	630.5	0	0	0	0
4179	2.3	28.5	630.5	0	0	0	0
4224	2.3	28.9	630.5	0	0	0	0
4273	1.8	29.2	630.5	0	0	0	0
4313	1.6	29.0	611.4	0	0	0	0
4369	1.0	30.2	606.8	0	0	0	0
4407	0.7	31.2	603.1	0	0	0	0
4453	0.1	30.7	603.1	0	0	0	0
4499	0.1	29.5	603.1	0	0	0	0

10JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
4613	-0.1	29.0	603.1	0	0	0	0
4671	-0.8	28.8	603.1	0	0	0	0
4721	-1.2	28.8	577.7	0	0	0	0
4759	-1.2	27.6	577.7	0	0	0	0
4824	-1.2	26.7	574.2	0	0	0	0
4869	-1.0	25.6	570.9	0	0	0	0
4993	-2.0	26.4	570.3	0	0	0	0
5025	-2.3	26.4	570.3	0	0	0	0
5082	-2.9	26.7	570.3	0	0	0	0
5148	-3.4	26.1	570.3	0	0	0	0
5183	-3.9	28.0	545.0	0	0	0	0
5244	-4.2	29.0	541.5	0	0	0	0
5295	-4.8	29.5	541.3	0	0	0	0
5385	-5.7	29.6	541.3	0	0	0	0
5457	-5.7	29.6	541.3	0	0	0	0
5470	-6.0	30.1	541.3	0	0	0	0
5551	-6.8	30.5	522.9	0	0	0	0
5578	-7.1	30.6	519.4	0	0	0	0
5631	-7.9	30.7	515.0	0	0	0	0
5683	-8.3	30.5	515.1	0	0	0	0
5747	-8.5	30.3	511.5	0	0	0	0
5797	-9.1	30.3	508.8	0	0	0	0
5834	-9.7	30.3	505.1	0	0	0	0
5947	-10.3	30.3	505.1	0	0	0	0
5982	-10.7	29.4	505.1	0	0	0	0
6029	-10.7	29.0	505.1	0	0	0	0
6134	-11.1	26.5	483.6	0	0	0	0
6197	-11.1	25.9	480.4	0	0	0	0
6247	-11.5	25.6	477.1	0	0	0	0
6278	-11.7	25.6	473.9	0	0	0	0
6340	-12.0	25.6	473.9	0	0	0	0
6387	-12.5	25.8	470.1	0	0	0	0
6435	-12.9	25.8	470.1	0	0	0	0
6476	-13.1	25.9	470.1	0	0	0	0
6532	-13.3	25.9	470.1	0	0	0	0
6571	-13.8	25.9	470.1	0	0	0	0
6627	-13.8	25.9	453.9	0	0	0	0
6684	-14.2	25.8	450.4	0	0	0	0
6731	-14.8	25.9	446.6	0	0	0	0
6916	-16.4	26.3	438.0	0	0	0	0
6990	-17.2	27.1	434.0	0	0	0	0
7021	-17.5	26.5	434.0	0	0	0	0

10JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
7082	-18.0	26.3	434.0	0	0	0	0
7139	-18.7	26.5	424.5	0	0	0	0
7212	-18.9	26.5	424.5	0	0	0	0
7229	-18.9	26.3	424.5	0	0	0	0
7309	-19.5	26.3	414.8	0	0	0	0
7354	-19.8	26.5	414.8	0	0	0	0
7384	-20.2	26.0	411.8	0	0	0	0
7457	-20.7	26.3	408.5	0	0	0	0
7497	-21.0	26.5	408.5	0	0	0	0
7656	-22.3	26.7	408.5	0	0	0	0
7718	-22.7	28.1	388.5	0	0	0	0
7762	-23.2	27.1	385.6	0	0	0	0
7827	-23.6	27.0	383.1	0	0	0	0
7881	-24.3	27.4	383.0	0	0	0	0
7939	-24.3	27.4	379.8	0	0	0	0
7983	-24.7	27.7	376.3	0	0	0	0
8070	-25.1	28.1	373.8	0	0	0	0
8093	-25.2	28.1	370.6	0	0	0	0
8162	-25.9	29.1	368.0	0	0	0	0
8204	-26.5	28.1	364.9	0	0	0	0
8274	-26.7	28.0	364.9	0	0	0	0
8323	-27.3	27.8	362.1	0	0	0	0
8413	-27.8	27.9	356.4	0	0	0	0
8453	-28.3	28.1	353.9	0	0	0	0
8540	-29.0	28.1	350.2	0	0	0	0
8555	-29.4	27.8	347.4	0	0	0	0
8669	-30.0	28.3	342.9	0	0	0	0
8720	-30.8	28.5	339.7	0	0	0	0
8772	-30.9	28.7	337.0	0	0	0	0
8815	-31.2	28.7	334.7	0	0	0	0
8871	-31.3	28.5	332.0	0	0	0	0
8911	-31.2	28.5	329.7	0	0	0	0
8957	-31.1	28.1	327.3	0	0	0	0
9044	-31.5	28.1	324.2	0	0	0	0
9081	-31.4	27.9	321.7	0	0	0	0
9184	-32.3	27.9	316.5	0	0	0	0
9220	-32.9	27.8	316.6	0	0	0	0
9285	-32.9	27.8	313.5	0	0	0	0
9327	-32.6	27.9	311.8	0	0	0	0
9386	-33.2	28.1	309.6	0	0	0	0
9407	-33.4	27.5	307.8	0	0	0	0
9591	-34.0	28.0	304.9	0	0	0	0

10JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
9526	-34.0	28.0	302.3	0	0	0	0
9664	-35.3	28.2	296.4	0	0	0	0
9678	-35.7	28.3	293.6	0	0	0	0
9756	-36.0	28.4	291.0	0	0	0	0
9819	-36.2	28.6	288.8	0	0	0	0
9856	-36.9	28.5	286.1	0	0	0	0
9953	-37.1	28.8	283.2	0	0	0	0
10067	-37.6	28.8	280.3	0	0	0	0
10108	-38.4	28.8	278.1	0	0	0	0
10188	-38.6	28.8	275.3	0	0	0	0
10219	-38.3	28.8	273.0	0	0	0	0
10285	-38.8	28.5	270.6	0	0	0	0
10316	-38.5	28.8	269.3	0	0	0	0
10364	-39.2	29.2	266.6	0	0	0	0
10461	-40.1	27.7	264.6	0	0	0	0
10480	-40.6	28.9	261.8	0	0	0	0
10535	-40.8	28.9	259.8	0	0	0	0
10581	-41.3	29.1	257.4	0	0	0	0
10697	-41.9	28.9	254.7	0	0	0	0
10821	-42.4	29.0	250.5	0	0	0	0
10848	-42.8	29.0	248.6	0	0	0	0
10934	-43.4	30.0	245.7	0	0	0	0
10976	-44.1	28.5	243.7	0	0	0	0
11022	-44.3	29.4	241.2	0	0	0	0
11050	-44.4	29.3	240.2	0	0	0	0
11097	-44.8	29.4	238.8	0	0	0	0
11117	-45.2	29.4	237.2	0	0	0	0
11195	-46.0	29.3	235.0	0	0	0	0
11259	-46.3	29.4	233.3	0	0	0	0
11272	-46.3	29.4	231.9	0	0	0	0
11282	-46.5	29.4	231.9	0	0	0	0
11339	-46.5	29.1	230.7	0	0	0	0
11531	-48.4	29.4	223.9	0	0	0	0
11629	-48.9	29.7	221.1	0	0	0	0
11660	-48.7	29.5	219.5	0	0	0	0
11751	-48.6	29.7	217.8	0	0	0	0
11726	-49.0	29.7	216.5	0	0	0	0
11835	-49.7	29.6	213.6	0	0	0	0
11893	-50.3	29.9	211.5	0	0	0	0
11941	-51.1	30.4	209.2	0	0	0	0
12022	-51.6	29.2	207.5	0	0	0	0
12058	-52.0	29.9	207.3	0	0	0	0

10JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
12132	-52.0	30.1	205.3	0	0	0	0
12204	-52.7	30.3	203.0	0	0	0	0
12274	-53.0	30.4	201.2	0	0	0	0
12397	-54.6	30.6	195.4	0	0	0	0
12405	-54.7	30.8	193.3	0	0	0	0
12517	-55.1	30.6	192.1	0	0	0	0
12567	-56.0	30.9	190.0	0	0	0	0
12652	-56.4	30.5	188.0	0	0	0	0
12715	-56.7	31.0	185.5	0	0	0	0
12728	-57.0	31.1	183.5	0	0	0	0
12853	-57.6	31.2	181.5	0	0	0	0
12885	-58.0	31.2	181.4	0	0	0	0
12971	-58.0	31.2	179.3	0	0	0	0
13030	-57.7	31.2	178.1	0	0	0	0
13268	-58.6	31.2	176.3	0	0	0	0
13150	-58.9	31.3	174.2	0	0	0	0
13272	-59.5	31.3	170.6	0	0	0	0
13292	-59.5	32.6	168.7	0	0	0	0
13379	-59.7	31.2	167.1	0	0	0	0
13440	-60.3	31.5	165.2	0	0	0	0
13600	-61.0	31.5	161.3	0	0	0	0
13600	-61.4	31.5	159.6	0	0	0	0
13686	-62.1	31.6	158.2	0	0	0	0
13714	-62.6	31.7	158.2	0	0	0	0
13810	-62.6	31.7	156.9	4	0	0	0
13841	-62.7	31.7	155.2	7	0	0	0
13873	-62.5	31.7	153.5	4	0	4	0
14031	-63.2	31.9	152.0	0	0	0	0
13979	-63.1	32.2	150.6	0	0	0	0
14124	-63.4	31.9	147.9	0	0	0	0
14109	-63.9	31.9	146.7	0	0	0	0
14247	-62.9	31.9	145.5	0	0	0	0
14207	-61.9	31.5	144.6	0	0	0	0
14282	-61.2	31.6	143.2	0	0	0	0
14337	-61.8	32.0	141.5	0	0	0	0
14357	-62.2	31.8	139.9	0	0	0	0
14479	-62.5	31.6	139.9	0	0	0	0
14580	-62.8	31.9	136.5	0	0	0	0
14649	-63.0	32.9	134.8	0	0	0	0
14715	-62.7	30.8	133.6	0	0	0	0
14819	-62.9	31.7	132.3	0	0	0	0
14786	-62.8	31.8	131.1	0	0	0	0

10JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
14970	-63.2	31.9	128.5	0	0	0	0
14973	-63.8	31.7	127.5	0	0	0	0
15089	-64.4	31.8	126.2	0	0	0	0
15082	-64.9	32.0	124.4	0	0	0	0
15192	-64.6	32.0	123.4	0	0	0	0
15222	-64.3	31.8	122.0	0	0	0	0
15260	-64.3	32.0	120.7	0	0	0	0
15291	-64.3	32.0	120.6	0	0	0	0
15408	-63.3	32.0	119.6	0	0	0	0
15394	-64.8	31.8	118.2	0	0	0	0
15397	-65.1	31.8	117.3	0	0	0	0
15524	-65.6	32.1	115.6	0	0	0	0
15858	-65.2	31.6	114.0	0	0	0	0
15694	-65.6	31.8	112.3	0	0	0	0
15759	-65.2	31.6	111.3	0	0	0	0
15796	-64.9	31.8	110.6	0	0	0	0
15831	-64.8	31.8	109.7	0	0	0	0
15876	-64.3	32.2	108.6	0	0	0	0
15920	-64.0	32.2	107.5	0	0	0	0
15973	-63.2	31.7	107.5	0	0	0	0
16060	-63.2	31.8	106.5	0	0	0	0
16115	-63.8	31.7	105.4	0	0	0	0
16132	-63.5	31.8	104.3	0	0	0	0
16172	-63.9	31.9	103.5	0	0	0	0
16197	-64.3	31.9	102.5	0	0	0	0
16259	-64.2	31.5	101.7	0	0	0	0
16376	-64.1	31.6	99.5	0	0	0	0
16453	-63.9	32.5	99.1	0	0	0	0
16450	-63.3	31.5	98.3	0	0	0	0
16508	-63.0	31.3	97.4	0	0	0	0
16542	-63.7	31.3	96.5	0	0	0	0
16574	-63.4	31.3	96.5	0	0	0	0
16607	-63.4	31.3	95.9	0	0	0	0
16609	-63.3	31.3	95.4	0	0	0	0
16717	-63.0	31.6	95.0	0	0	0	0
16759	-62.9	31.2	94.3	0	0	0	0
16786	-63.3	31.2	92.9	0	0	0	0
16812	-62.9	31.2	92.7	0	0	0	0
16817	-62.1	31.5	91.8	0	0	0	0
16917	-61.0	31.7	91.4	0	0	0	0
16955	-60.5	31.1	89.7	0	0	0	0
17026	-60.9	31.0	89.1	0	0	0	0

10JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
17036	-60.9	31.0	88.5	0	0	0	0
17326	-60.9	31.0	87.7	0	0	0	0
17355	-61.6	31.0	84.1	0	0	0	0
17441	-61.5	30.8	83.6	0	0	0	0
17417	-61.3	30.9	82.7	0	0	0	0
17396	-62.1	31.0	81.9	0	0	0	0
17504	-62.0	30.8	81.0	0	0	0	0
17589	-62.8	30.8	80.3	0	0	0	0
17655	-62.8	30.9	79.7	0	0	0	0
17653	-62.5	30.9	79.4	0	0	0	0
17787	-62.9	31.0	78.1	0	0	0	0
17758	-62.9	30.8	78.1	0	0	0	0
17814	-62.8	31.6	77.9	0	0	0	0
17858	-62.3	30.6	77.0	0	0	0	0
17946	-61.8	30.8	76.5	0	0	0	0
17915	-62.0	31.2	75.9	0	0	0	0
17987	-61.1	30.6	75.4	0	0	0	0
18029	-61.4	30.7	74.7	0	0	0	0
18017	-61.0	30.6	74.3	0	0	0	0
18110	-60.2	30.7	73.0	0	0	0	0
18165	-59.8	30.7	72.5	0	0	0	0
18223	-59.0	31.7	72.0	0	0	0	0
18193	-58.5	30.0	71.2	0	0	0	0
18265	-57.7	30.7	71.0	0	0	0	0
18331	-57.0	30.5	71.0	0	0	0	0
18373	-57.0	30.5	70.5	0	0	0	0
18442	-56.9	30.5	69.7	0	0	0	0
18461	-57.4	30.4	68.7	0	0	0	0
18504	-56.5	30.4	68.3	0	0	0	0
18546	-56.6	30.2	67.6	0	0	0	0
18625	-56.8	30.2	67.3	0	0	0	0
18648	-56.3	31.0	66.6	0	0	0	0
18661	-55.5	30.0	66.1	0	0	0	0
18710	-55.3	30.2	66.0	0	0	0	0
18749	-54.8	30.2	66.0	0	0	0	0

14JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
56	27.4	46.2	1036.2	0	0	0	0
111	27.4	51.2	1030.0	0	0	0	0
153	26.5	52.5	1024.4	4	0	0	0
197	25.5	49.3	1019.5	0	0	0	0
287	24.5	53.6	1008.3	0	0	0	0
336	24.2	54.1	1002.2	0	0	0	0
386	23.9	54.7	997.0	0	0	0	0
431	23.5	55.7	991.0	0	0	0	0
480	23.1	55.7	985.6	0	0	0	0
528	22.8	55.4	985.6	4	0	0	0
575	22.6	54.6	985.6	0	0	0	0
673	22.5	55.4	985.6	0	0	0	0
723	21.3	57.1	985.6	0	0	0	0
784	21.0	57.5	951.5	0	0	0	0
848	20.5	59.2	945.6	0	0	0	0
884	20.1	60.8	939.8	0	0	0	0
933	19.6	62.6	939.9	0	0	0	0
989	19.1	64.6	939.9	0	0	0	0
1043	18.7	65.1	939.9	0	0	0	0
1088	18.3	65.1	939.9	0	0	0	0
1133	17.8	66.7	939.9	0	0	0	0
1178	17.3	68.8	914.1	0	0	0	0
1223	17.7	70.3	910.0	0	0	0	0
1331	16.0	69.6	897.8	0	0	0	0
1421	15.6	73.1	897.8	0	0	0	0
1473	15.2	76.1	897.8	0	0	0	0
1525	14.8	77.6	897.8	0	0	0	0
1577	14.2	79.7	870.2	0	0	0	0
1629	13.7	82.4	864.1	0	0	0	0
1678	13.3	84.1	858.9	0	0	0	0
1722	13.0	83.1	858.9	0	0	0	0
1769	12.7	82.0	858.9	0	0	0	0
1813	12.5	82.7	858.9	0	0	0	0
1875	11.9	86.1	858.9	0	0	0	0
1923	11.3	90.5	858.9	0	0	0	0
1980	11.3	92.8	831.5	0	0	0	0
2036	9.8	94.4	821.9	0	0	0	0
2184	9.1	92.5	813.0	0	0	0	0
2241	10.3	92.5	813.0	0	0	0	0
2298	11.9	92.5	813.0	0	0	0	0
2357	12.8	92.5	813.0	0	0	0	0
2404	12.7	26.7	813.0	0	0	0	0

14JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
2454	12.5	25.7	787.4	0	0	0	0
2504	12.1	25.3	782.8	0	0	0	0
2535	11.8	25.9	777.8	0	0	0	0
2583	11.7	25.6	774.4	0	0	0	0
2637	11.5	24.6	774.4	0	0	0	0
2683	11.3	24.3	774.4	0	0	0	0
2736	11.0	24.1	774.4	0	0	0	0
2786	10.6	23.8	774.4	0	0	0	0
2927	9.4	23.4	742.2	0	0	0	0
2972	9.2	23.5	737.1	0	0	0	0
3014	9.1	24.7	737.1	0	0	0	0
3072	9.5	22.1	733.9	0	0	0	0
3113	9.5	23.7	733.9	0	0	0	0
3163	9.4	23.2	733.9	0	0	0	0
3211	9.5	21.3	733.9	0	0	0	0
3263	9.5	21.4	733.9	0	0	0	0
3311	9.1	21.6	707.2	0	0	0	0
3364	8.6	21.8	702.6	0	0	0	0
3410	8.2	21.9	698.0	0	0	0	0
3472	7.8	21.9	698.1	0	0	0	0
3525	7.4	22.1	698.1	0	0	0	0
3621	7.1	22.7	698.1	0	0	0	0
3688	6.9	22.1	698.1	0	0	0	0
3727	6.7	21.9	676.1	0	0	0	0
3790	6.5	20.6	672.8	0	0	0	0
3893	5.8	22.1	661.8	0	0	0	0
3957	5.4	21.9	662.1	0	0	0	0
3995	5.0	21.7	658.1	0	0	0	0
4055	4.6	21.2	658.1	0	0	0	0
4100	4.3	22.4	658.1	0	0	0	0
4147	4.0	21.2	658.1	0	0	0	0
4213	3.6	21.4	658.1	0	0	0	0
4254	3.1	21.9	633.2	0	0	0	0
4303	2.7	22.4	629.2	0	0	0	0
4404	1.8	22.8	624.8	0	0	0	0
4455	1.3	22.8	620.8	0	0	0	0
4499	0.9	23.0	620.8	0	0	0	0
4554	0.3	23.0	620.8	0	0	0	0
4605	0.0	23.0	620.8	0	0	0	0
4654	-0.6	22.8	620.8	0	0	0	0
4702	-0.8	22.7	597.5	0	0	0	0
4770	-1.3	22.7	592.5	0	0	0	0

14JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
4862	-1.0	21.5	589.3	0	0	0	0
4900	-0.8	20.7	586.5	0	0	0	0
4961	-1.0	21.0	586.5	0	0	0	0
5001	-1.0	20.9	586.5	0	0	0	0
5054	-1.2	20.6	586.5	0	0	0	0
5147	-1.3	20.5	586.5	0	0	0	0
5191	-1.5	20.5	564.6	0	0	0	0
5243	-1.9	20.3	560.6	0	0	0	0
5304	-2.3	20.2	557.7	0	0	0	0
5360	-2.8	20.2	557.8	0	0	0	0
5418	-2.9	20.7	557.8	0	0	0	0
5464	-3.3	20.5	557.8	0	0	0	0
5507	-3.3	20.5	557.8	0	0	0	0
5555	-3.6	20.3	557.8	0	0	0	0
5607	-4.1	20.4	536.4	0	0	0	0
5658	-4.5	20.6	532.6	0	0	0	0
5714	-4.9	20.7	529.0	0	0	0	0
5824	-5.6	20.8	525.7	0	0	0	0
5919	-6.3	21.1	525.7	0	0	0	0
5972	-6.7	20.8	525.7	0	0	0	0
6019	-7.1	21.1	525.7	0	0	0	0
6068	-7.4	21.5	505.2	0	0	0	0
6111	-7.8	19.9	503.6	0	0	0	0
6161	-8.6	22.3	498.3	0	0	0	0
6220	-9.0	22.6	498.4	0	0	0	0
6279	-9.5	22.6	498.4	0	0	0	0
6325	-10.1	22.6	498.4	0	0	0	0
6384	-10.5	23.0	498.4	0	0	0	0
6430	-11.0	23.2	498.4	0	0	0	0
6490	-11.0	23.5	481.0	0	0	0	0
6555	-11.4	23.3	477.3	0	0	0	0
6702	-12.9	21.8	470.3	0	0	0	0
6769	-13.1	20.6	470.3	0	0	0	0
6830	-13.6	21.1	470.3	0	0	0	0
6873	-14.1	20.9	470.3	0	0	0	0
6931	-14.3	20.8	470.3	0	0	0	0
6997	-14.7	21.1	449.4	0	0	0	0
7042	-15.2	21.2	446.3	0	0	0	0
7092	-15.6	21.6	443.3	0	0	0	0
7169	-15.9	21.6	439.8	0	0	0	0
7204	-16.3	20.2	437.7	0	0	0	0
7272	-16.9	22.4	436.7	0	0	0	0

14JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
7310	-17.5	22.0	433.8	0	0	0	0
7375	-18.0	22.2	433.8	0	0	0	0
7431	-18.4	22.4	433.8	0	0	0	0
7522	-19.3	23.0	423.9	0	0	0	0
7587	-19.7	23.3	415.0	0	0	0	0
7633	-20.2	21.9	415.0	0	0	0	0
7713	-20.6	22.6	415.0	0	0	0	0
7767	-20.8	22.5	408.7	0	0	0	0
7819	-21.2	22.5	408.7	0	0	0	0
7881	-21.6	22.8	408.7	0	0	0	0
7955	-22.1	23.1	398.8	0	0	0	0
8001	-22.5	22.9	398.8	0	0	0	0
8041	-22.7	22.9	398.8	0	0	0	0
8111	-23.3	22.4	389.7	0	0	0	0
8171	-24.1	23.1	389.7	0	0	0	0
8229	-24.4	23.1	384.1	0	0	0	0
8322	-24.8	23.4	384.1	0	0	0	0
8376	-24.8	23.2	375.7	0	0	0	0
8435	-25.5	23.5	375.7	0	0	0	0
8474	-26.0	23.4	375.7	0	0	0	0
8588	-26.7	23.1	367.2	0	0	0	0
8643	-27.1	23.7	367.2	0	0	0	0
8668	-27.4	23.5	361.9	0	0	0	0
8729	-27.5	23.4	361.9	0	0	0	0
8781	-27.8	23.4	354.5	0	0	0	0
8817	-28.3	25.6	354.5	0	0	0	0
8890	-28.6	23.7	354.5	0	0	0	0
8943	-28.9	23.5	346.8	0	0	0	0
8999	-29.5	23.8	346.8	0	0	0	0
9098	-30.4	21.6	342.4	0	0	0	0
9168	-30.6	23.8	342.4	0	0	0	0
9221	-31.0	23.8	342.4	0	0	0	0
9272	-31.5	23.8	333.0	0	0	0	0
9321	-31.9	23.9	333.0	0	0	0	0
9376	-32.3	22.8	328.8	0	0	0	0
9436	-32.8	23.9	328.8	0	0	0	0
9477	-33.7	24.1	328.8	0	0	0	0
9580	-34.3	24.2	320.9	0	0	0	0
9640	-35.0	22.2	316.9	0	0	0	0
9702	-35.6	24.3	316.9	0	0	0	0
9747	-36.1	24.6	316.9	0	0	0	0
9802	-36.6	24.8	308.3	0	0	0	0

14JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
9928	-37.9	26.7	308.3	0	0	0	0
9990	-38.4	26.3	300.3	0	0	0	0
10038	-38.8	25.0	298.3	0	0	0	0
10107	-39.5	25.2	295.9	0	0	0	0
10160	-39.8	25.3	293.3	0	0	0	0
10220	-40.2	25.3	290.1	0	0	0	0
10292	-40.2	25.4	288.3	0	0	0	0
10369	-41.1	25.4	285.2	0	0	0	0
10401	-41.4	25.8	282.8	0	0	0	0
10471	-41.9	26.0	280.8	0	0	0	0
10524	-42.5	26.0	278.2	0	0	0	0
10587	-42.8	26.1	275.9	0	0	0	0
10704	-43.6	27.4	270.8	0	0	0	0
10834	-44.2	26.4	266.4	0	0	0	0
10889	-44.7	26.4	263.5	0	0	0	0
10962	-45.0	26.1	260.7	0	0	0	0
11017	-45.6	26.2	258.5	0	0	0	0
11098	-46.0	26.1	255.4	0	0	0	0
11162	-46.6	27.0	253.0	0	0	0	0
11201	-46.9	26.2	251.5	0	0	0	0
11243	-47.1	26.3	249.5	0	0	0	0
11293	-47.7	26.5	248.1	0	0	0	0
11336	-47.8	26.3	246.5	0	0	0	0
11405	-48.7	26.3	243.9	0	0	0	0
11455	-49.3	26.6	241.5	0	0	0	0
11496	-49.8	26.4	239.7	0	0	0	0
11724	-50.6	26.8	231.5	0	0	0	0
11797	-51.2	26.9	229.3	0	0	0	0
11853	-51.4	27.1	226.9	0	0	0	0
11926	-51.9	26.9	225.0	0	0	0	0
11995	-52.2	26.8	222.5	0	0	0	0
12037	-52.5	27.0	220.9	0	0	0	0
12103	-52.7	27.0	219.2	0	0	0	0
12176	-53.4	27.5	216.6	0	0	0	0
12397	-54.0	27.4	214.5	0	0	0	0
12282	-54.5	27.3	212.6	0	0	0	0
12339	-54.5	27.3	210.3	0	0	0	0
12396	-54.6	27.4	208.5	0	0	0	0
12450	-54.7	27.7	207.3	0	0	0	0
12544	-55.5	27.7	206.2	0	0	0	0
12607	-55.6	27.5	204.6	0	0	0	0
12685	-55.6	27.5	201.8	0	0	0	0

14JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
12744	-56.3	27.5	200.2	0	0	0	0
12802	-56.3	27.6	198.5	0	0	0	0
12848	-56.5	27.8	197.1	0	0	0	0
12883	-56.8	27.8	195.5	0	0	0	0
12276	-57.0	28.0	193.4	0	0	0	0
12122	-56.7	27.9	192.6	0	0	0	0
12053	-57.7	28.0	190.8	0	0	0	0
12454	-58.2	28.1	188.8	0	0	0	0
12904	-58.4	28.0	185.5	0	0	0	0
13248	-59.3	28.1	162.6	0	0	0	0
13504	-59.8	28.1	178.5	0	0	0	0
13547	-60.5	28.2	176.6	0	0	0	0
13674	-60.9	28.2	172.9	0	0	0	0
13723	-61.1	28.3	171.2	0	0	0	0
13807	-61.2	28.4	169.8	0	0	0	0
13863	-61.7	28.5	168.0	0	0	0	0
13925	-62.1	28.4	165.7	0	0	0	0
13982	-61.8	28.5	164.7	0	0	0	0
14032	-62.4	28.5	163.2	0	0	0	0
14114	-63.1	28.9	160.8	0	0	0	0
14178	-63.2	28.8	159.3	0	0	0	0
14299	-63.5	28.7	156.0	0	0	0	0
14429	-63.7	29.2	154.5	0	0	0	0
14433	-62.8	28.6	152.8	0	0	0	0
14502	-63.4	27.8	151.4	0	0	0	0
14610	-63.8	28.6	149.5	0	0	0	0
14679	-63.7	28.2	147.8	0	0	0	0
14809	-63.6	28.6	144.8	0	0	0	0
14834	-63.9	29.0	146.1	0	0	0	0
14890	-63.8	28.5	142.0	0	0	0	0
14947	-64.4	28.6	141.1	0	0	0	0
15000	-64.7	28.6	140.1	0	0	0	0
15062	-65.2	28.6	138.6	0	0	0	0
15127	-65.0	28.7	137.2	0	0	0	0
15252	-64.7	28.6	135.6	0	0	0	0
15304	-64.7	28.7	134.7	0	0	0	0
15376	-65.6	28.8	133.3	0	0	0	0
15450	-66.2	28.8	131.6	0	0	0	0
15568	-66.7	28.7	128.9	0	0	0	0
15602	-66.6	28.8	127.6	0	0	0	0
15645	-66.7	28.9	126.9	0	0	0	0
15703	-66.8	28.9	126.3	0	0	0	0

14JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
15821	-67.8	28.7	124.0	0	0	0	0
15873	-66.7	28.9	123.1	0	0	0	0
15954	-67.2	28.8	121.6	0	0	0	0
16054	-66.8	28.6	119.8	0	0	0	0
16087	-65.7	28.7	118.9	0	0	0	0
16155	-66.1	28.8	118.2	0	0	0	0
16177	-66.1	28.7	117.1	0	0	0	0
16212	-66.1	28.3	116.6	0	0	0	0
16262	-65.9	28.7	115.5	0	0	0	0
16559	-65.6	28.2	114.7	0	0	0	0
16423	-65.8	28.4	113.9	0	0	0	0
16426	-66.1	28.8	112.3	0	0	0	0
16520	-66.9	28.7	111.3	0	0	0	0
16598	-67.1	28.9	109.8	0	0	0	0
16632	-66.2	28.7	109.3	0	0	0	0
16671	-65.5	28.9	108.4	0	0	0	0
16802	-65.3	28.7	105.3	0	0	0	0
16812	-65.5	28.6	105.8	0	0	0	0
16881	-65.5	28.4	104.7	0	0	0	0
16936	-65.9	28.6	104.0	0	0	0	0
16965	-65.0	28.9	105.4	0	0	0	0
17012	-65.1	28.7	102.5	0	0	0	0
17062	-65.2	28.4	102.0	0	0	0	0
17119	-65.1	28.4	100.9	0	0	0	0
17160	-65.3	28.6	100.4	0	0	0	0
17227	-65.7	28.4	99.4	0	0	0	0
17266	-65.7	28.6	98.7	0	0	0	0
17328	-65.4	28.6	97.8	0	0	0	0
17363	-65.1	28.4	97.2	0	0	0	0
17500	-65.2	28.6	95.3	0	0	0	0
17531	-65.2	28.2	95.4	0	0	0	0
17576	-64.4	28.6	94.5	0	0	0	0
17634	-64.4	28.6	94.2	0	0	0	0
17671	-64.4	28.3	97.2	0	0	0	0
17730	-64.3	28.0	92.9	0	0	0	0
17758	-64.3	28.5	92.0	0	0	0	0
17823	-64.3	28.3	91.6	0	0	0	0
17858	-63.2	28.3	90.9	0	0	0	0
17891	-63.0	28.2	90.3	0	0	0	0
17936	-62.4	28.4	89.8	0	0	0	0
17984	-62.1	28.2	88.9	0	0	0	0
18022	-61.1	28.0	88.8	0	0	0	0

14JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
18163	-59.2	27.9	86.9	0	0	0	0
18213	-59.7	28.0	86.5	0	0	0	0
18267	-59.8	27.8	85.7	0	0	0	0
18307	-59.5	27.8	85.1	0	0	0	0
18370	-60.7	28.0	82.2	0	0	0	0
18401	-60.6	27.7	83.4	0	0	0	0
18490	-60.9	27.2	82.9	0	0	0	0
18478	-60.3	27.6	82.2	0	0	0	0
18526	-60.3	28.0	81.9	0	0	0	0
18613	-60.7	27.6	81.1	0	0	0	0
18648	-60.7	27.6	80.8	0	0	0	0
18704	-60.6	27.6	81.8	0	0	0	0
18739	-60.4	27.7	81.7	0	0	0	0
18871	-60.7	27.4	78.8	0	0	0	0
18902	-60.6	27.3	78.1	0	0	0	0
18905	-61.6	27.5	76.5	0	0	0	0
18973	-61.0	27.4	77.0	0	0	0	0
19059	-59.9	27.4	76.1	0	0	0	0
19095	-60.2	27.2	75.3	0	0	0	0
19408	-59.9	27.4	75.1	0	0	0	0
19219	-60.7	27.4	74.3	0	0	0	0
19252	-59.8	27.2	74.1	0	0	0	0
19288	-59.5	27.3	73.3	0	0	0	0
19377	-59.2	27.2	72.9	0	0	0	0
19456	-58.9	27.5	73.9	0	0	0	0
19545	-58.5	27.1	70.8	0	0	0	0
19594	-58.9	27.2	70.6	0	0	0	0
19628	-58.9	27.2	70.7	0	0	0	0
19670	-59.1	27.4	71.6	0	0	0	0
19730	-58.3	27.0	69.8	0	0	0	0
19746	-58.8	27.1	69.1	0	0	0	0
19835	-58.8	27.0	68.7	0	0	0	0
19863	-58.3	27.5	67.4	0	0	0	0
19980	-58.9	27.2	66.6	0	0	0	0
20020	-57.2	27.1	66.9	0	0	0	0
20080	-57.4	26.9	66.7	0	0	0	0
20102	-56.9	26.9	66.2	0	0	0	0
20110	-57.6	25.0	64.7	0	0	0	0
20260	-57.2	26.7	65.0	0	0	0	0
20289	-56.7	26.5	64.8	0	0	0	0
20293	-56.3	26.7	64.1	0	0	0	0
20379	-56.2	26.7	64.0	0	0	0	0

14JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
20416	-55.7	26.5	63.3	0	0	0	0
20472	-55.8	26.5	62.8	0	0	0	0
20522	-55.7	26.6	62.5	0	0	0	0
20573	-55.4	26.5	61.9	0	0	0	0
20630	-55.7	26.6	61.8	0	0	0	0
20686	-55.8	26.5	61.1	0	0	0	0
20700	-55.8	26.6	61.0	0	0	0	0
20745	-55.2	26.6	62.1	0	0	0	0
20861	-55.2	26.2	59.8	0	0	0	0
20947	-55.1	26.1	59.0	0	0	0	0
20986	-54.0	26.3	58.4	0	0	0	0
21061	-54.5	25.9	58.1	0	0	0	0
21090	-54.7	25.7	58.0	0	0	0	0
21136	-54.7	26.5	57.2	0	0	0	0
21168	-54.7	26.1	57.2	0	0	0	0
21244	-55.2	26.6	56.7	0	0	0	0
21286	-54.6	26.1	56.2	0	0	0	0
21322	-54.4	26.2	56.2	0	0	0	0
21376	-54.1	26.1	55.5	0	0	0	0
21412	-54.0	26.1	55.4	0	0	0	0
21466	-54.0	26.1	55.0	0	0	0	0
21515	-53.7	25.5	54.6	0	0	0	0
21636	-53.0	25.4	53.9	0	0	0	0
21693	-53.0	25.6	53.3	0	0	0	0
21743	-52.6	25.6	52.9	0	0	0	0
21779	-52.7	25.7	53.8	0	0	0	0
21831	-52.3	25.5	52.0	0	0	0	0
21879	-52.3	25.8	52.4	0	0	0	0
21900	-51.9	25.8	51.2	0	0	0	0
21945	-51.7	25.6	52.1	0	0	0	0
22030	-51.7	25.4	51.5	0	0	0	0
22068	-51.7	25.5	51.5	0	0	0	0
22139	-52.0	25.5	51.0	0	0	0	0
22162	-52.1	25.2	50.5	0	0	0	0
22218	-52.0	25.2	50.6	0	0	0	0
22369	-51.4	25.3	49.6	0	0	0	0
22432	-51.5	25.1	48.0	0	0	0	0
22472	-51.2	25.0	48.9	0	0	0	0
22529	-51.2	25.2	48.7	0	0	0	0
22584	-51.3	25.2	48.0	0	0	0	0
22634	-51.2	25.2	49.5	0	0	0	0
22691	-50.9	25.1	47.6	0	0	0	0

14JUN88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
22752	-50.9	25.1	47.1	0	0	0	0
22782	-50.6	24.6	47.2	0	0	0	0
22845	-51.0	24.8	46.8	0	0	0	0
22893	-50.8	24.9	45.2	0	0	0	0
22925	-50.3	24.9	46.3	0	0	0	0
22997	-50.3	25.1	46.0	0	0	0	0
23076	-50.2	25.1	47.0	0	0	0	0
23136	-50.2	24.8	45.1	0	4	0	0
23168	-50.0	26.5	44.6	0	3	0	0
23227	-49.8	24.8	46.3	0	0	0	0
23318	-49.4	24.8	45.6	0	0	0	0
23340	-49.2	24.6	43.9	0	0	0	0
23398	-49.2	24.4	43.8	0	0	0	0
23420	-49.1	24.6	43.4	0	0	0	0
23487	-48.8	24.6	43.3	0	0	0	0
23538	-48.6	24.6	43.1	0	0	0	0
23765	-47.8	24.2	41.8	0	0	0	0
23822	-47.4	23.9	41.8	0	14	0	0
23863	-47.3	24.3	41.3	0	4	0	0

12JUL88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
36	29.6	62.7	1015.9	0	0	0	0
72	27.8	64.2	1012.0	0	0	0	0
106	27.1	65.4	1007.1	0	0	0	0
135	26.7	69.5	1003.4	0	0	0	0
170	26.9	73.4	999.4	0	0	0	0
201	26.7	77.0	995.8	0	0	0	0
230	26.0	77.9	992.7	0	0	0	0
257	26.0	77.9	989.3	0	0	0	0
284	25.5	79.8	986.0	0	0	0	0
316	25.3	79.8	986.2	0	0	0	0
339	25.3	81.6	983.4	0	0	0	0
369	25.0	80.7	983.4	0	0	0	0
399	24.8	80.8	983.4	0	0	0	0
503	24.0	79.2	983.4	0	0	0	0
541	23.9	79.5	961.1	0	0	0	0
577	23.5	81.1	955.5	0	0	0	0
614	23.2	78.9	951.8	0	0	0	0
648	22.8	79.6	952.0	0	0	0	0
690	22.5	78.1	952.0	0	0	0	0
739	22.5	75.7	952.0	0	0	0	0
775	22.4	73.7	952.0	0	0	0	0
812	22.8	67.7	952.0	0	0	0	0
840	22.5	65.9	926.2	0	0	0	0
881	22.3	63.1	922.8	0	0	0	0
914	22.4	60.0	919.1	0	0	0	0
947	22.2	59.9	919.1	0	0	0	0
1059	21.4	59.3	914.9	0	0	0	0
1090	21.2	59.3	914.9	4	0	0	0
1122	20.9	59.9	914.9	0	0	0	0
1193	20.7	59.0	892.1	0	0	0	0
1245	20.4	58.1	887.5	0	0	0	0
1280	20.2	56.5	882.1	0	0	0	0
1328	19.9	57.1	882.1	0	0	0	0
1365	19.6	57.8	882.1	0	0	0	0
1402	19.1	58.9	882.1	0	0	0	0
1455	18.7	59.9	882.1	0	0	0	0
1504	18.1	61.0	882.1	0	0	0	0
1542	17.9	61.3	854.0	0	0	0	0
1621	17.5	61.3	846.3	0	0	0	0
1656	17.3	62.0	846.3	0	0	0	0
1701	16.7	67.4	842.3	0	0	0	0
1730	16.6	66.1	842.3	0	0	0	0

12JUL88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
1766	16.5	62.0	842.3	0	0	0	0
1823	16.3	57.8	842.3	0	0	0	0
1862	16.0	57.0	842.3	0	0	0	0
1899	15.9	58.1	817.0	0	0	0	0
1988	15.2	56.8	809.2	0	0	0	0
2031	15.2	54.4	809.2	0	0	0	0
2066	15.2	55.4	809.2	0	0	0	0
2105	15.1	55.6	809.2	0	0	0	0
2142	15.0	55.6	809.2	0	0	0	0
2242	15.0	42.4	790.3	0	0	0	0
2273	15.0	54.3	785.1	0	0	0	0
2301	15.2	54.0	783.2	0	0	0	0
2347	14.9	52.3	778.8	0	0	0	0
2393	14.7	48.4	776.1	0	0	0	0
2425	14.8	49.1	776.3	0	0	0	0
2464	14.5	49.7	776.3	0	0	0	0
2502	14.3	50.6	776.3	0	0	0	0
2533	14.3	49.3	776.3	0	0	0	0
2576	14.1	49.7	776.3	0	0	0	0
2621	13.9	47.4	752.8	0	0	0	0
2699	13.6	44.7	749.5	0	0	0	0
2765	13.3	56.0	745.0	0	0	0	0
2849	13.2	49.8	741.4	0	0	0	0
2902	13.2	47.7	741.4	0	0	0	0
2941	13.1	50.7	741.4	0	0	0	0
2974	12.9	48.8	741.4	0	0	0	0
3013	12.6	45.6	716.7	0	0	0	0
3053	12.3	45.0	712.5	0	0	0	0
3096	11.9	45.1	707.6	0	0	0	0
3142	11.7	46.8	706.1	0	0	0	0
3189	11.3	46.4	705.9	0	0	0	0
3235	11.0	46.9	705.9	0	0	0	0
3280	10.9	48.3	705.9	0	0	0	0
3330	10.4	48.7	705.9	0	0	0	0
3377	10.2	48.7	705.9	0	0	0	0
3512	9.2	47.8	676.0	0	0	0	0
3549	9.2	44.4	673.2	0	0	0	0
3595	9.1	43.6	671.2	0	0	0	0
3639	8.8	41.9	667.0	0	0	0	0
3686	8.6	47.2	667.0	0	0	0	0
3734	8.2	50.6	667.0	0	0	0	0
3780	7.7	50.2	667.0	0	0	0	0

12JUL88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
3822	7.4	49.5	667.0	0	0	0	0
3865	7.2	49.2	667.0	0	0	0	0
3890	7.0	50.3	644.3	0	0	0	0
3953	6.5	51.1	640.9	0	0	0	0
3982	6.0	50.5	637.8	0	0	0	0
4019	5.9	47.5	635.1	0	0	0	0
4074	5.7	46.7	632.2	0	0	0	0
4155	4.8	46.0	632.4	0	0	0	0
4197	4.7	44.7	632.4	0	0	0	0
4240	4.4	43.0	632.4	0	0	0	0
4268	4.3	41.2	632.4	0	0	0	0
4300	4.2	39.2	611.9	0	0	0	0
4346	4.1	39.1	609.6	0	0	0	0
4372	3.8	40.8	607.1	0	0	0	0
4394	3.8	43.2	606.0	0	0	0	0
4438	3.6	47.2	602.0	0	0	0	0
4493	3.4	44.2	602.2	0	0	0	0
4540	3.1	45.1	602.2	0	0	0	0
4595	2.9	42.0	602.2	0	0	0	0
4619	2.7	43.3	602.2	0	0	0	0
4699	2.4	41.1	581.7	0	0	0	0
4730	1.9	42.5	577.8	0	0	0	0
4752	1.4	42.5	577.6	0	0	0	0
4733	0.9	42.3	574.9	0	0	0	0
4819	0.5	43.7	570.6	0	0	0	0
4869	0.1	43.9	570.6	0	0	0	0
4915	-0.1	42.3	570.6	0	0	0	0
4972	-0.5	43.5	570.6	0	0	0	0
5013	-1.0	45.2	570.6	0	0	0	0
5069	-1.1	45.9	547.8	0	0	0	0
5095	-1.5	45.6	545.6	0	0	0	0
5126	-1.6	44.9	542.6	0	0	0	0
5177	-1.9	45.3	539.3	0	0	0	0
5288	-2.6	50.5	534.4	0	0	0	0
5325	-3.2	51.3	528.6	0	0	0	0
5352	-3.3	52.1	527.7	0	0	0	0
5386	-3.5	52.3	524.5	0	0	0	0
5426	-3.7	52.2	522.4	0	0	0	0
5454	-4.1	51.7	520.3	0	0	0	0
5526	-4.7	50.4	515.2	0	0	0	0
5587	-5.0	43.5	515.2	0	0	0	0
5621	-5.4	39.9	511.7	0	0	0	0

12JUL88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
5679	-5.5	33.2	511.7	0	0	0	0
5709	-5.8	31.5	511.7	0	0	0	0
5736	-5.7	31.2	502.6	0	0	0	0
5803	-6.4	26.5	499.4	0	0	0	0
5840	-6.4	27.3	495.4	0	0	0	0
5856	-6.4	22.1	492.5	0	0	0	0
5885	-6.3	23.1	491.5	0	0	0	0
5913	-6.5	27.1	489.1	0	0	0	0
5932	-6.7	27.0	487.5	0	0	0	0
5973	-7.0	30.6	484.8	0	0	0	0
6027	-7.4	28.5	484.7	0	0	0	0
6077	-7.9	27.0	480.9	0	0	0	0
6117	-7.9	24.3	478.1	0	0	0	0
6145	-7.9	24.8	475.7	0	0	0	0
6189	-8.1	27.9	473.7	0	0	0	0
6244	-8.4	27.5	468.3	0	0	0	0
6313	-8.3	24.1	466.1	0	0	0	0
6352	-8.5	24.1	463.9	0	0	0	0
6398	-8.4	20.5	460.9	0	0	0	0
6454	-8.8	19.2	457.7	0	0	0	0
6497	-9.1	18.7	454.9	0	0	0	0
6545	-9.0	17.4	454.9	0	0	0	0
6589	-9.0	16.6	449.6	0	0	0	0
6620	-9.2	16.5	448.6	0	0	0	0
6630	-9.3	17.1	446.2	0	0	0	0
6681	-9.4	17.0	444.0	0	0	0	0
6728	-9.7	15.6	441.0	0	0	0	0
6774	-10.0	15.4	437.8	0	0	0	0
6844	-10.3	15.7	437.9	0	0	0	0
7164	-11.1	15.6	428.9	0	0	0	0
7173	-11.8	15.6	426.3	0	0	0	0
7205	-12.0	15.7	421.7	0	0	0	0
7230	-12.1	15.8	418.8	0	0	0	0
7261	-12.3	15.8	417.7	0	0	0	0
7293	-12.4	15.8	415.3	0	0	0	0
7329	-12.4	15.9	413.9	0	0	0	0
7367	-12.7	16.6	411.7	0	0	0	0
7389	-12.8	18.1	409.6	0	0	0	0
7423	-13.1	19.1	408.2	0	0	0	0
7470	-13.1	15.8	406.3	0	0	0	0
7487	-13.4	15.6	405.2	0	0	0	0
7524	-13.4	16.6	402.8	0	0	0	0

12JUL88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
7581	-13.7	41.8	399.2	0	0	0	0
7613	-13.3	42.6	396.5	0	0	0	0
7634	-13.9	39.7	396.4	0	0	0	0
7664	-14.2	46.6	395.2	0	0	0	0
7664	-14.7	55.5	393.8	0	0	0	0
7696	-14.7	56.1	392.5	0	0	0	0
7648	-14.9	42.1	389.8	0	0	0	0
7705	-15.1	35.2	387.8	0	0	0	0
7733	-15.7	45.9	384.8	0	0	0	0
7769	-15.6	45.0	383.0	0	0	0	0
7827	-15.8	40.9	380.0	0	0	0	0
7853	-15.9	39.2	378.9	0	0	0	0
7876	-15.9	38.8	377.7	0	0	0	0
7896	-16.3	38.9	374.9	0	0	0	0
7969	-16.8	38.3	373.8	0	0	0	0
7992	-17.0	37.5	371.9	0	0	0	0
8054	-17.5	38.8	369.7	0	0	0	0
8102	-17.8	40.3	366.5	0	0	0	0
8125	-17.6	43.0	364.0	0	0	0	0
8176	-18.2	40.4	362.4	0	0	0	0
8192	-18.3	37.3	361.9	0	0	0	0
8238	-18.5	36.8	359.6	0	0	0	0
8273	-19.0	38.0	358.7	0	0	0	0
8296	-19.1	40.0	356.8	0	0	0	0
8309	-19.2	38.9	355.5	0	0	0	0
8347	-19.3	41.8	354.3	0	0	0	0
8387	-19.7	47.5	352.8	0	0	0	0
8410	-20.0	47.2	350.4	0	0	0	0
8439	-20.2	46.7	349.5	0	0	0	0
8461	-20.5	42.2	347.3	0	0	0	0
8517	-20.7	42.0	345.7	0	0	0	0
8551	-21.0	42.2	343.6	0	0	0	0
8568	-20.9	42.9	342.1	0	0	0	0
8612	-21.4	43.7	342.1	0	0	0	0
8674	-22.0	44.3	337.7	0	0	0	0
8712	-22.4	44.3	335.3	0	0	0	0
8757	-22.6	44.1	332.6	0	0	0	0
8801	-22.9	42.4	331.8	0	0	0	0
8851	-23.3	40.5	328.3	0	0	0	0
8917	-23.6	40.1	325.7	0	0	0	0
8961	-24.0	39.6	325.7	0	0	0	0
8986	-24.3	40.2	324.2	0	0	0	0

12JUL88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
9028	-24.9	40.6	323.5	0	0	0	0
9089	-24.9	41.0	319.9	0	0	0	0
9167	-25.1	41.7	317.8	0	0	0	0
9207	-25.9	40.9	315.1	0	0	0	0
9281	-26.2	39.5	312.2	0	0	0	0
9309	-26.4	37.9	310.6	0	0	0	0
9345	-26.4	35.1	309.0	0	0	0	0
9363	-26.3	33.4	308.8	0	0	0	0
9396	-26.4	32.3	306.0	0	0	0	0
9440	-26.7	28.8	302.9	0	0	0	0
9524	-27.4	26.5	300.8	0	0	0	0
9539	-27.6	25.4	299.5	0	0	0	0
9587	-27.4	24.4	297.9	0	0	0	0
9613	-27.7	23.5	296.9	0	0	0	0
9640	-28.0	22.6	296.1	0	0	0	0
9666	-28.2	21.1	294.1	0	0	0	0
9700	-28.3	20.7	293.4	0	0	0	0
9730	-28.6	19.9	291.3	0	0	0	0
9775	-28.9	19.3	289.9	0	0	0	0
9780	-29.2	18.6	288.4	0	0	0	0
9837	-29.2	17.9	287.9	0	0	0	0
9869	-29.5	17.7	285.9	0	0	0	0
9898	-29.9	17.4	284.2	0	0	0	0
10016	-30.7	17.2	279.9	0	0	0	0
10043	-30.9	17.1	279.5	0	0	0	0
10062	-31.2	17.1	277.1	0	0	0	0
10109	-31.3	17.0	275.8	0	0	0	0
10164	-32.1	17.1	274.6	0	0	0	0
10201	-32.4	17.3	272.7	0	0	0	0
10238	-32.5	17.3	270.6	0	0	0	0
10266	-32.6	17.3	269.4	0	0	0	0
10303	-32.5	17.2	269.1	0	0	0	0
10332	-33.3	17.1	266.3	0	0	0	0
10386	-33.8	17.1	265.1	0	0	0	0
10416	-34.0	17.0	264.6	0	0	0	0
10495	-34.2	17.2	262.2	0	0	0	0
10582	-34.7	17.0	261.0	0	0	0	0
10663	-35.1	16.9	258.2	0	0	0	0
10722	-35.9	16.9	256.7	0	0	0	0
10739	-36.0	16.9	255.5	0	0	0	0
10793	-36.4	16.9	254.3	0	0	0	0
10830	-36.6	16.8	254.3	0	0	0	0

12JUL88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
10878	-37.4	17.1	252.6	0	0	0	0
10944	-37.9	16.8	249.6	0	0	0	0
11008	-38.5	17.0	247.0	0	0	0	0
11058	-38.5	17.0	245.4	0	0	0	0
11120	-39.0	17.2	244.3	0	0	0	0
11138	-39.4	17.2	241.3	0	0	0	0
11201	-39.8	17.3	239.3	0	0	0	0
11284	-40.4	17.5	237.0	0	0	0	0
11353	-41.3	17.6	234.0	0	0	0	0
11398	-41.5	17.7	232.8	0	0	0	0
11435	-41.7	17.7	231.0	0	0	0	0
11464	-42.2	17.8	229.6	0	0	0	0
11576	-43.4	17.8	226.3	0	0	0	0
11652	-44.0	18.2	223.1	0	0	0	0
11703	-44.4	18.3	221.3	0	0	0	0
11770	-45.1	18.4	220.0	0	0	0	0
11798	-45.7	18.6	218.0	0	0	0	0
11835	-45.9	18.6	216.5	0	0	0	0
11871	-46.1	18.8	216.3	0	0	0	0
11920	-46.6	19.2	213.8	4	0	0	0
11981	-47.0	19.3	213.5	0	3	7	0
12075	-48.0	19.9	209.1	4	0	7	4
12139	-48.7	20.4	207.1	26	44	18	4
12155	-48.7	20.4	206.5	4	4	7	0
12217	-49.1	20.7	205.3	4	0	0	0
12257	-49.6	21.2	203.3	0	0	4	0
12283	-49.8	21.8	201.9	0	7	0	0
12305	-49.5	21.9	201.5	0	0	8	4
12333	-50.2	22.1	200.8	0	0	4	7
12401	-50.3	23.0	197.4	7	0	0	0
12435	-50.6	23.3	196.4	0	0	7	0
12465	-50.9	23.4	195.6	4	0	4	0
12501	-51.0	23.8	194.2	0	7	4	0
12533	-51.5	23.8	193.4	7	3	0	0
12574	-51.7	24.2	191.7	4	7	4	0
12615	-52.2	24.4	190.7	11	0	4	4
12647	-52.1	24.4	190.7	7	7	0	0
12667	-52.5	24.4	188.5	0	14	4	4
12711	-52.7	24.2	187.2	4	4	11	0
12743	-53.0	24.7	187.1	7	11	11	0
12765	-53.4	24.5	185.4	0	4	4	0
12821	-53.4	24.7	184.1	7	7	0	0

12JUL88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
12868	-53.9	24.8	183.3	0	0	4	0
12923	-54.3	24.8	182.8	25	14	11	0
12959	-54.7	24.8	180.8	4	7	4	0
13081	-55.7	25.3	178.0	15	11	4	0
13138	-55.7	25.3	175.4	4	15	4	0
13198	-56.6	25.5	175.3	18	11	11	0
13227	-56.8	25.5	173.3	15	4	0	0
13267	-56.9	25.5	172.8	4	11	0	0
13301	-56.9	25.4	172.7	7	4	0	0
13332	-56.5	25.2	170.2	7	7	0	0
13380	-57.4	25.1	169.1	4	0	0	0
13432	-58.4	25.2	167.5	0	0	0	0
13481	-58.9	25.0	166.1	0	7	0	0
13544	-59.1	25.1	165.7	7	0	0	0
13597	-59.2	24.8	161.7	0	0	0	0
13605	-59.5	25.1	162.2	0	0	0	0
13646	-60.3	25.4	160.9	0	0	0	0
13759	-61.1	25.3	157.6	0	0	0	0
13824	-61.8	25.2	157.1	0	4	0	0
13883	-62.3	25.2	155.9	0	0	0	0
13907	-62.5	25.4	153.7	7	0	0	0
13959	-63.1	25.1	153.7	4	7	0	0
13993	-63.0	25.5	152.0	7	4	0	0
14053	-63.3	25.5	150.4	18	18	0	0
14087	-64.0	25.7	149.0	22	0	0	0
14121	-63.9	25.9	148.2	11	7	0	0
14158	-64.3	25.6	147.4	7	11	0	0
14176	-64.9	25.8	145.7	7	4	0	0
14206	-65.7	25.7	144.8	18	4	0	0
14343	-66.6	25.8	142.4	4	4	4	0
14524	-67.6	25.9	138.0	0	0	0	0
14559	-68.0	26.2	137.9	0	0	0	0
14580	-67.7	26.1	136.1	0	0	0	0
14645	-68.6	26.3	134.6	0	0	0	0
14722	-69.1	26.3	133.4	0	0	0	0
14736	-69.4	26.4	132.2	0	0	0	0

APPENDIX B
CALIFORNIA DATA

8AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
892	26.9	25.6	937.0	0	0	0	0
956	26.3	26.2	936.8	0	0	0	0
992	25.4	29.9	928.7	0	0	4	0
1066	25.1	27.9	918.5	4	0	0	0
1174	27.1	22.2	921.6	0	0	0	0
1028	20.1	28.8	907.2	0	0	0	0
1120	23.8	29.2	901.6	0	0	0	0
1243	23.4	33.8	896.8	0	0	0	0
1364	23.0	91.5	890.0	0	0	0	0
1416	22.7	28.7	884.5	0	0	0	0
1460	22.5	27.2	884.9	4	0	7	0
1444	22.5	37.8	880.6	0	0	0	0
1426	22.4	25.4	880.4	0	3	0	0
1582	22.6	27.2	870.3	0	0	0	0
1648	22.4	25.6	864.7	0	0	0	0
1715	22.6	23.4	858.8	0	0	7	0
1769	21.9	21.2	848.8	0	0	0	0
1807	21.7	20.4	844.3	0	0	0	0
1816	21.4	19.8	839.7	0	0	0	0
1878	21.0	19.9	839.4	0	0	0	164
1982	20.8	0.1	830.0	0	4	0	0
2037	20.7	17.1	827.4	292	17	0	0
2012	20.4	17.3	824.9	0	0	0	0
2069	24.6	11.1	837.4	7	0	0	0
2113	24.6	11.1	837.4	0	0	0	0
2162	24.6	11.1	837.4	0	0	0	0
2204	21.4	14.3	837.4	11	0	0	0
2248	21.4	14.0	837.4	0	0	0	0
2296	21.4	15.0	837.4	0	0	0	0
2382	18.2	16.0	791.6	7	0	0	0
2432	18.2	17.0	786.1	0	0	0	0
2481	16.8	18.0	786.3	0	0	0	0
2532	16.2	18.0	786.3	0	0	0	0
2569	15.8	18.8	786.3	0	0	0	0
2614	15.4	18.8	786.3	0	0	0	0
2666	14.9	20.6	786.3	0	0	0	0
2711	14.4	19.7	757.3	0	0	0	0
2802	13.5	30.4	752.4	0	0	0	0
2842	13.3	30.4	748.9	0	0	0	0
2894	12.9	19.6	748.9	0	0	0	0
2936	12.9	19.9	748.9	0	0	0	0
2980	12.6	32.1	748.9	0	0	0	0

8AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
3236	11.7	19.8	726.0	0	0	0	0
3139	11.4	29.4	722.1	0	0	0	0
3161	11.3	19.2	717.3	0	0	0	0
3203	10.9	19.1	717.5	0	0	0	0
3249	10.5	19.5	713.4	0	0	0	0
3300	10.1	18.9	713.4	0	0	0	0
3350	9.7	19.1	713.4	0	0	0	0
3389	9.2	19.1	713.4	0	0	0	0
3436	9.2	19.1	713.4	0	0	0	0
3488	9.2	19.1	691.5	0	0	0	0
3539	8.3	19.2	689.0	0	0	0	0
3596	7.9	18.9	683.8	0	0	0	0
3699	6.9	18.1	683.8	0	0	0	0
3773	8.6	12.3	683.6	4	0	0	0
3814	8.6	12.3	683.6	0	0	0	0
3874	8.6	12.3	683.6	0	0	0	0
3921	5.4	17.0	683.6	0	0	0	0
3972	5.0	17.5	683.6	0	0	0	0
4014	4.6	17.5	650.8	0	0	0	0
4061	4.2	17.5	646.7	0	0	0	0
4112	3.8	18.0	642.1	0	0	0	0
4151	3.3	17.7	642.2	0	0	0	0
4193	2.9	17.9	638.5	0	0	0	0
4236	2.5	18.0	638.5	0	0	0	0
4289	1.9	26.9	638.5	0	0	0	0
4341	0.3	18.4	638.5	0	0	0	0
4518	2.4	11.4	610.4	7	0	0	0
4566	2.4	11.4	610.4	0	0	0	0
4607	0.2	16.8	610.4	0	0	0	0
4656	0.4	16.3	610.4	0	0	0	0
4688	0.6	16.1	610.4	0	0	0	0
4741	0.2	16.0	592.1	0	0	0	0
4778	0.0	16.0	588.7	0	0	0	0
4815	-0.3	16.0	586.1	0	0	0	0
4863	-0.2	16.1	586.3	0	0	0	0
4907	-1.1	16.1	582.3	0	0	0	0
4960	-1.4	16.0	582.3	0	0	0	0
4997	-1.4	16.1	582.3	0	3	0	0
5047	-1.6	16.2	582.3	0	0	0	0
5148	-2.2	15.3	563.1	0	0	0	0
5200	-2.7	16.4	560.1	0	0	0	0
5236	-1.6	12.0	565.5	3	0	0	0

8AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
5275	-3.1	16.5	565.5	0	0	0	0
5316	-3.2	16.6	565.5	0	0	0	0
5359	-3.5	16.5	565.5	0	0	0	0
5408	-3.9	16.6	565.5	0	0	0	0
5456	-4.4	16.6	565.5	0	0	0	0
5512	-4.4	16.5	540.4	0	0	0	0
5604	-5.3	16.7	536.1	0	0	0	0
5608	-5.3	16.6	533.1	7	0	0	0
5384	-5.4	16.3	529.9	0	0	0	0
5490	-5.8	16.1	526.3	0	0	0	0
5784	-7.2	16.2	524.1	0	0	0	0
5832	-6.7	16.1	524.1	0	0	0	0
5880	-7.2	16.2	524.1	0	0	0	0
5933	-7.7	16.1	524.1	0	0	0	0
6417	-12.5	16.4	466.1	0	0	0	0
6685	-12.9	16.8	461.4	0	0	0	0
6814	-13.2	16.7	458.0	0	0	0	0
6624	-13.7	16.5	455.4	0	0	0	0
6896	-14.6	19.3	447.2	0	0	0	0
6929	-14.8	17.1	449.7	0	0	0	0
6897	-14.8	17.1	446.4	0	0	0	0
6818	-15.5	17.7	442.0	0	91	331	0
7225	-16.7	15.1	435.5	0	0	18	0
7265	-17.8	18.7	427.7	0	0	422	0
7320	-18.4	32.7	425.2	0	0	0	0
7447	-19.0	18.9	420.0	0	0	0	0
7482	-19.2	18.7	417.8	0	0	0	0
7509	-19.6	19.1	415.8	0	0	0	0
7580	-20.2	18.9	411.1	0	0	0	0
7653	-20.6	18.9	407.1	0	0	25	0
7705	-21.4	19.1	401.2	0	0	0	0
7724	-21.5	19.2	401.6	0	0	0	0
7783	-22.0	19.2	399.1	0	0	3	0
7751	-22.2	19.3	399.5	0	0	0	0
7800	-21.7	13.9	403.5	4	0	0	0
7860	-22.1	14.0	402.4	0	0	0	0
7790	-23.0	19.9	393.4	0	0	0	0
8061	-23.2	23.3	392.6	0	0	0	0
8106	-23.7	20.2	390.0	0	0	0	0
8033	-23.7	19.8	388.7	0	0	0	0
8048	-23.8	19.8	386.4	0	0	0	0
8228	-25.6	21.8	374.1	0	0	0	0

8AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
8249	-25.5	20.0	373.0	0	0	0	0
8268	-25.5	18.6	372.0	0	0	0	0
8377	-25.7	18.8	369.3	0	0	0	0
8420	-25.9	26.5	368.1	0	0	0	0
8402	-26.0	18.5	365.9	0	0	0	0
8478	-26.5	18.8	364.1	0	0	0	0
8416	-27.2	19.0	360.0	0	0	0	0
8425	-27.4	18.9	358.3	0	0	0	0
8677	-28.1	18.9	353.0	0	0	0	0
8651	-28.1	17.5	352.9	0	0	0	0
8754	-28.6	19.0	349.7	0	0	0	0
8786	-28.9	19.0	348.7	0	0	0	0
8817	-29.4	19.2	346.2	0	0	0	0
8830	-29.5	19.2	344.7	0	0	0	0
8953	-30.7	19.1	339.4	0	0	0	0
8851	-15.3	81.6	170.2	0	0	0	0
9056	-31.9	19.3	334.4	0	0	0	0
9103	-32.3	19.5	331.7	0	0	0	0
8938	-33.0	20.0	320.0	0	0	0	0
9502	-34.0	21.0	315.0	0	0	0	0
9545	-35.7	21.2	308.8	218	0	160	0
9553	-36.2	19.3	306.2	422	0	0	0
9644	-36.2	16.1	307.5	4	0	0	0
9777	-36.8	19.2	302.4	0	0	0	0
9794	-36.6	16.6	303.9	0	0	0	4
9801	-37.4	19.2	299.1	0	0	0	0
9990	-38.8	19.6	291.6	0	0	0	0
9902	-39.4	19.8	289.2	0	0	0	0
10097	-40.0	19.8	289.1	0	0	0	0
10132	-40.0	19.9	287.0	0	0	0	0
10159	-40.3	19.9	285.0	0	0	0	0
10209	-40.4	19.7	284.0	0	0	0	0
10244	-40.7	19.6	281.9	0	0	0	0
9779	-41.1	19.4	280.7	0	0	0	0
9886	-41.2	20.0	279.0	0	7	0	0
10339	-41.4	22.5	278.1	0	0	0	0
10299	-41.7	19.7	275.5	0	0	0	0
10479	-42.3	30.3	274.3	0	0	0	0
10674	-43.7	20.1	266.5	0	0	0	0
10582	-43.8	27.6	264.3	0	0	0	0
10801	-44.9	20.3	259.3	0	0	0	7
10824	-45.1	20.1	257.8	0	0	0	0

8AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
10867	-45.3	20.1	256.3	0	0	0	0
10813	-45.4	20.1	254.8	0	0	0	0
10943	-45.8	20.3	253.3	0	0	0	0
10958	-46.1	20.3	251.6	0	0	0	0
10949	-46.1	20.3	251.6	0	0	0	0
10929	-46.5	20.3	250.0	0	0	0	0
11094	-46.5	20.1	248.9	0	0	0	0
11333	-46.7	20.1	246.3	0	0	0	0
11217	-47.5	20.2	244.0	0	0	0	0
11272	-47.7	20.2	242.7	0	0	0	0
11199	-48.1	20.2	240.4	0	0	0	0
11284	-48.3	20.1	238.6	0	0	0	3
11407	-48.7	20.2	236.2	0	0	0	0
11473	-48.8	20.2	233.7	0	0	0	0
11609	-49.3	20.2	229.7	0	0	0	0
11739	-50.1	20.3	227.1	0	0	0	0
11753	-50.0	20.5	225.8	0	0	0	0
11837	-49.7	20.5	223.2	0	0	0	0
11916	-50.0	20.3	220.5	0	0	0	0
11938	-50.1	20.4	218.7	0	0	0	0
12000	-50.2	20.6	217.6	0	0	0	0
12026	-50.3	20.4	217.6	0	0	0	0
12038	-50.3	20.4	216.2	0	0	0	0
12087	-50.2	20.4	215.2	0	0	0	0
12127	-50.2	20.4	214.2	0	0	0	0
12150	-51.0	20.4	212.4	0	0	0	0
12187	-51.1	20.3	211.1	0	0	0	0
12251	-51.2	20.9	209.9	0	0	0	0
12286	-51.8	20.6	207.7	0	0	0	0
12363	-51.9	20.3	205.3	0	0	0	0
12482	-52.1	20.5	201.9	0	0	0	0
12560	-51.9	20.4	200.4	0	0	0	0
12610	-51.8	20.3	198.6	0	0	0	0
12649	-51.5	20.4	197.2	0	0	0	0
12680	-51.4	20.4	195.8	0	0	0	0
12713	-51.0	20.3	195.1	0	0	0	0
12757	-51.3	20.4	193.7	0	0	0	0
12784	-51.4	21.0	192.7	0	0	0	0
12805	-51.7	20.4	191.1	0	0	0	0
12847	-51.8	25.6	189.7	0	0	0	0
12926	-51.5	20.4	188.7	0	0	0	0
12962	-51.7	20.4	187.3	0	0	0	0

8AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
13034	-52.0	20.1	187.3	0	0	0	0
13067	-52.0	20.2	185.4	0	0	0	0
13192	-51.4	20.2	181.9	0	0	0	0
13245	-52.0	20.1	180.5	0	0	0	0
13262	-51.7	20.0	179.4	0	0	0	0
13288	-52.1	20.0	178.2	0	0	0	0
13298	-52.4	20.1	177.5	0	0	0	0
13371	-51.9	20.1	176.5	0	0	0	0
13367	-52.3	20.1	175.5	0	0	0	0
13432	-52.5	20.1	175.4	0	0	0	0
13490	-52.5	20.0	174.2	0	0	0	0
13546	-52.9	20.1	172.8	0	0	0	0
13584	-52.8	19.9	171.2	0	0	0	0
13619	-53.0	20.0	170.2	0	0	0	0
13656	-53.2	20.2	169.1	0	0	0	0
13687	-53.3	20.1	168.0	0	0	0	0
13815	-53.9	20.2	165.4	0	0	0	0
13857	-54.4	20.2	164.2	0	0	0	0
13869	-54.2	19.9	163.1	0	0	0	0
13907	-53.9	20.2	163.0	0	0	0	0
13944	-53.9	20.1	162.2	0	0	0	0
14006	-53.9	20.2	160.9	0	0	0	0
14050	-53.7	19.8	159.8	0	0	0	0
14079	-53.9	20.1	158.6	0	0	0	0
14133	-53.9	25.1	158.0	0	0	0	0
14191	-54.2	20.2	156.4	0	0	0	0
14282	-54.1	19.9	155.3	0	0	0	0
14264	-54.6	19.9	154.1	0	0	0	0
14329	-54.3	20.1	152.7	0	0	0	0
14352	-55.1	19.8	151.9	0	0	0	0
14415	-55.2	20.1	150.8	0	0	0	0
14460	-55.2	20.1	150.0	0	0	0	0
14505	-55.5	19.9	149.2	0	0	0	0
14585	-55.4	20.1	147.2	0	0	0	0
14636	-56.0	20.1	146.1	0	0	0	0
14638	-56.1	19.9	145.4	0	0	0	0
14712	-56.0	20.1	144.6	0	0	0	0
14703	-55.9	20.2	143.5	0	0	0	0
14764	-56.3	19.9	142.8	0	0	0	0
14818	-56.2	19.9	142.0	0	0	0	0
14833	-56.3	19.9	141.9	0	0	0	0
14885	-56.5	19.9	140.8	0	0	0	0

8AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
14958	-57.1	20.0	138.8	0	0	0	0
15030	-57.4	20.1	138.0	0	0	0	0
15036	-57.3	18.3	137.5	0	0	0	0
15281	-57.9	20.2	136.1	0	0	0	0
15112	-58.1	18.2	136.0	0	0	0	0
15136	-58.4	20.2	134.4	0	0	0	0
15182	-58.6	20.3	133.6	0	0	0	0
15220	-58.6	20.2	132.7	0	0	0	0
15343	-58.9	20.3	132.0	0	0	0	0
15354	-59.1	20.5	130.9	0	0	0	0
15375	-59.2	20.3	130.3	0	0	0	0
15422	-59.2	20.3	129.4	0	0	0	0
15459	-59.5	20.3	128.7	0	0	0	0
15528	-59.8	20.0	127.0	0	0	0	0
15589	-59.7	20.6	126.0	0	0	0	0
15577	-59.4	19.8	125.2	0	0	0	0
15663	-59.4	19.6	124.4	0	0	0	0
15702	-59.4	20.5	124.3	0	0	0	0
15723	-59.9	23.7	125.8	0	0	0	0
15764	-59.9	20.6	122.7	0	0	0	0
15808	-60.2	23.9	121.5	0	0	0	0
15868	-60.6	20.3	120.6	0	0	0	0
15923	-60.6	24.2	119.9	0	0	0	0
15949	-60.8	20.4	118.8	0	0	0	0
15991	-61.3	20.3	118.2	0	0	0	0
16043	-61.3	20.6	116.6	0	0	0	0
16153	-61.3	20.4	115.8	0	0	0	0
16210	-61.3	20.6	115.2	0	0	0	0
16216	-61.8	20.6	114.2	0	0	0	0
16264	-61.7	20.6	113.6	0	0	0	0
16296	-61.7	20.4	112.7	0	0	0	0
16332	-61.9	20.6	112.2	0	0	0	0
16335	-61.7	20.4	111.3	0	0	0	0
16432	-61.4	20.6	110.7	0	0	0	0
16422	-61.4	20.4	109.8	0	0	0	0
16501	-61.5	24.3	109.2	0	0	0	0
16534	-61.7	24.3	108.4	0	0	0	0
16553	-61.8	20.6	108.4	0	0	0	0
16604	-61.8	23.7	107.6	0	0	0	0
16801	-61.3	20.3	104.4	0	0	0	0
16853	-61.9	20.6	103.1	0	0	0	0
16879	-61.9	20.5	102.5	0	0	0	0

8AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
16934	-61.9	18.6	101.5	0	0	0	0
16980	-62.9	20.3	100.5	0	0	0	0
17234	-63.0	20.5	99.9	0	0	0	0
17076	-63.4	20.8	99.8	0	0	0	0
17139	-63.4	20.7	99.2	0	0	0	0
17185	-63.8	20.5	98.4	0	0	0	0
17144	-64.1	20.7	97.6	0	0	0	0
17244	-64.4	20.6	97.1	0	0	0	0
17288	-63.6	19.2	96.8	0	0	0	0
17448	-61.2	20.5	94.5	0	0	0	0
17449	-61.6	20.3	93.5	0	0	0	0
17497	-62.8	20.3	92.6	0	0	0	0
17550	-62.2	20.5	92.6	0	0	0	0
17592	-62.2	20.5	92.0	0	0	0	0
17682	-61.9	20.5	91.5	0	0	0	0
17674	-62.1	20.2	90.8	0	0	0	0
17677	-62.0	20.5	90.3	0	0	0	0
17717	-61.9	20.2	89.8	0	0	0	0
17808	-61.8	20.5	89.1	0	0	0	0
17808	-61.6	20.1	88.5	0	0	0	0
17845	-62.0	20.4	87.9	0	0	0	0
17915	-61.6	20.4	87.1	0	0	0	0
17969	-61.5	22.4	86.7	0	0	0	0
17980	-61.5	20.4	86.0	0	0	0	0
18047	-61.1	20.2	85.4	0	0	0	0
18090	-60.8	20.4	84.9	0	0	0	0
18152	-61.2	20.0	83.5	0	0	0	0
18216	-61.3	20.5	82.8	0	0	0	0
18282	-60.8	20.2	82.5	0	0	0	0
18332	-60.2	20.3	81.7	0	0	0	0
18373	-60.0	20.1	81.2	0	0	0	0
18375	-59.6	20.2	80.4	0	0	0	0
18424	-59.8	20.4	80.3	0	0	0	0
18460	-59.8	20.1	80.0	0	0	0	0
18551	-60.0	20.2	79.4	0	0	0	0
18611	-60.0	19.9	78.3	0	0	0	0
18638	-59.4	21.3	77.7	0	0	0	0
18725	-59.8	20.2	77.1	0	0	0	0
18765	-59.6	20.0	76.6	0	0	0	0
18800	-59.7	20.1	75.8	0	0	0	0
18840	-60.2	20.1	75.2	0	0	0	0
18856	-60.2	19.8	75.0	0	0	0	0

8AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
18905	-60.2	19.8	75.0	0	0	0	0
18990	-59.7	20.1	73.8	0	0	0	0
19049	-60.2	20.0	73.4	0	0	0	0
19019	-60.1	20.0	73.0	0	0	0	0
19136	-60.4	20.0	72.4	0	0	0	0
19157	-59.9	18.2	72.0	0	0	0	0
19209	-59.9	19.9	71.1	0	0	0	0
19235	-60.0	20.0	70.5	0	0	0	0
19314	-60.1	19.5	70.0	0	0	0	0
19321	-60.1	19.5	70.0	0	0	0	0
19365	-60.1	20.3	69.4	0	0	0	0
19426	-60.1	20.0	68.9	0	0	0	0
19445	-60.3	20.0	68.4	0	0	0	0
19478	-60.2	19.1	68.1	0	0	0	0
19523	-60.0	19.9	67.6	0	0	0	0
19620	-60.0	19.9	66.8	0	0	0	0
19637	-59.9	20.0	66.3	0	0	0	0
19694	-59.3	19.8	65.8	0	0	0	0
19763	-58.8	19.9	64.8	0	0	0	0
19845	-58.5	19.8	64.4	0	0	0	0
19944	-58.3	19.8	63.8	0	0	0	0
19981	-58.2	19.3	63.2	0	0	0	0
20042	-57.8	20.1	62.5	0	0	0	0
20050	-57.7	19.8	62.1	0	0	0	0
20100	-57.4	19.7	61.8	0	0	0	0
20161	-57.4	20.5	61.1	0	0	0	0
20168	-57.8	19.8	60.7	0	0	0	0
20225	-58.0	19.8	60.5	0	0	0	0
20276	-58.2	19.8	60.0	0	0	0	0
20309	-58.3	19.7	60.0	0	0	0	0
20351	-58.3	19.5	59.6	0	0	0	0
20403	-58.4	19.5	59.3	0	0	0	0
20526	-58.1	19.4	58.0	0	0	0	0
20551	-58.2	19.6	57.5	0	0	0	0
20627	-58.0	19.8	57.0	0	0	0	0
20645	-57.8	19.7	56.8	3	0	0	0
20669	-57.3	19.5	56.4	0	0	0	0
20769	-57.1	19.9	55.6	4	0	0	0
20759	-57.4	19.6	55.7	0	0	0	0
20845	-57.4	19.5	55.5	4	0	0	0
20849	-57.2	19.6	55.1	0	0	0	0
20904	-56.7	19.5	54.9	0	0	0	0

9AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
900	18.4	42.6	942.7	0	0	0	0
958	19.9	41.9	934.6	0	0	0	0
1009	20.6	41.6	930.3	0	0	0	0
1059	22.4	36.5	924.3	3	0	0	0
1110	22.6	36.4	924.5	0	0	0	0
1167	22.6	33.7	918.1	7	0	0	0
1227	22.8	32.1	912.6	0	0	0	0
1282	21.7	28.3	906.5	0	0	0	0
1375	23.6	25.0	895.7	0	0	0	0
1424	23.6	21.1	891.3	0	0	0	0
1472	23.3	20.3	885.9	48	0	0	0
1526	23.2	19.1	880.8	0	0	0	0
1580	23.0	18.3	875.5	0	0	0	0
1623	22.5	17.6	870.4	0	0	0	0
1671	17.0	29.8	780.1	0	0	0	0
1730	22.2	17.7	826.1	0	0	0	0
1721	5.7	17.5	826.1	0	3	0	0
1809	21.7	17.5	850.9	0	0	0	0
1861	21.5	17.3	846.0	4	0	0	0
1999	20.7	18.2	836.8	0	0	0	0
2056	28.7	3.8	861.1	19	0	0	0
2097	19.5	18.8	827.0	0	0	0	0
2147	19.0	19.4	821.3	0	0	0	0
2193	18.6	22.1	817.8	0	0	0	0
2295	16.2	20.4	807.8	73	0	0	0
2349	17.2	20.6	803.3	0	0	0	0
2399	17.0	21.1	797.5	0	0	0	0
2451	16.8	22.9	793.7	0	0	0	0
2501	16.2	24.8	788.8	0	0	0	0
2531	15.6	31.4	788.1	0	0	0	0
2595	15.2	30.8	77.9	0	0	0	0
2627	15.2	31.2	778.8	0	0	4	4
2759	14.0	27.5	768.8	0	0	0	0
2805	13.5	33.1	763.8	0	0	0	0
2841	9.5	28.7	759.6	0	0	0	0
2894	12.5	29.9	753.5	0	0	0	0
3287	10.6	33.7	728.7	0	0	0	0
3344	7.6	39.8	711.6	0	0	0	0
3393	7.1	40.7	711.7	0	0	0	0
3444	7.1	41.9	709.6	0	0	0	0
3498	6.5	42.4	701.7	0	0	0	0
3550	6.1	42.4	697.1	0	0	0	0

9AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
3601	5.6	42.4	692.7	0	0	0	0
3651	5.1	43.4	688.6	0	0	0	0
3709	4.9	32.3	684.7	0	0	0	0
3767	5.0	20.8	678.9	0	0	0	0
3810	5.1	17.0	674.3	0	0	0	0
3912	4.9	18.3	670.0	0	0	0	0
3962	4.3	15.8	663.5	0	0	0	0
4011	4.0	16.2	662.5	0	0	0	0
4067	3.8	15.7	654.2	0	0	0	0
4115	3.4	15.4	650.0	0	0	0	0
4170	3.6	15.4	645.2	0	0	0	0
4238	3.4	14.9	645.7	0	0	0	0
4278	3.4	15.4	640.7	0	0	0	0
4335	3.0	14.7	637.2	0	0	0	0
4381	2.7	14.9	633.8	0	0	0	0
4427	2.4	14.7	628.1	0	0	0	0
4485	2.0	14.9	623.9	0	0	0	0
4518	1.6	14.9	619.5	0	0	0	0
4581	1.1	14.8	616.3	0	0	0	0
4682	0.2	14.8	608.8	0	0	0	0
4749	-0.5	14.9	602.1	0	0	0	0
4810	-1.0	14.9	597.7	0	0	0	0
4858	-1.4	14.9	593.3	0	0	0	0
4906	-1.9	15.8	590.4	0	0	0	0
4960	-2.3	15.9	586.1	0	0	0	0
5000	-2.7	14.7	586.3	0	0	0	0
5053	-2.7	14.9	584.9	0	0	0	0
5088	-3.2	14.9	577.2	0	0	0	0
5168	-3.7	14.6	574.2	0	0	0	0
5197	-3.8	14.9	569.9	0	0	0	0
5263	-4.1	14.8	567.2	0	0	0	0
5297	-4.4	14.9	563.3	0	0	0	0
5344	-4.4	14.9	559.9	0	0	0	0
5392	-4.2	14.7	555.6	0	0	0	0
5449	-4.4	14.9	551.9	0	0	0	0
5511	-4.9	14.9	547.5	0	0	0	0
5562	-5.3	14.5	543.5	0	0	0	0
5928	-7.6	15.4	524.5	4	0	0	4
5977	-8.4	15.6	521.7	0	0	0	0
6017	-8.6	15.4	517.9	0	0	0	0
6057	-9.1	15.6	514.7	0	0	0	0
6100	-9.6	15.6	511.1	0	0	0	0

9AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
6149	-10.1	15.7	507.8	0	0	0	0
6190	-10.7	15.8	505.1	0	0	0	0
6245	-11.2	15.8	500.2	0	0	0	0
6285	-11.7	16.1	497.0	0	0	0	0
6322	-12.3	16.1	493.5	0	0	0	0
6569	-13.5	16.9	472.9	0	0	0	0
7309	-16.6	16.9	472.9	0	0	0	0
6925	-13.9	35.3	486.5	0	0	0	0
6553	-14.5	28.3	483.3	0	0	0	0
6697	-15.0	16.7	476.0	0	0	0	0
6734	-15.6	16.6	472.7	0	0	0	0
6795	-16.0	16.4	468.0	0	0	0	0
6847	-16.4	16.5	464.3	0	0	0	0
6900	16.7	16.2	460.9	0	0	0	0
6966	-17.0	16.0	460.9	0	0	0	0
7030	-17.5	15.9	457.8	0	0	0	0
7076	-17.9	16.2	457.8	0	0	0	0
7141	-18.4	15.9	457.8	0	0	0	0
7188	-19.0	15.9	457.8	0	0	0	0
7255	-19.5	16.0	457.8	0	0	0	0
7312	-20.0	16.0	437.7	0	0	0	0
7366	-20.4	15.9	432.9	0	0	0	0
7434	-20.9	15.9	433.1	0	0	0	0
7485	-20.9	15.8	429.6	0	0	0	0
7543	-21.4	15.9	426.8	0	0	0	0
7589	-21.9	15.9	426.8	0	0	0	0
7728	-22.3	15.9	423.1	0	0	0	0
7766	-23.5	15.9	420.6	0	0	0	0
7813	-24.0	17.0	420.6	0	0	0	0
7859	-24.2	16.0	420.6	0	0	0	0
7917	-24.6	-16.0	420.6	0	0	0	0
7978	-25.1	15.9	400.9	0	0	0	0
8031	-25.6	15.8	397.7	0	0	0	0
8084	-26.1	15.8	395.5	0	0	0	0
8138	-26.5	15.9	395.5	0	0	0	0
8174	-26.9	15.8	391.6	0	0	0	0
8230	-27.2	15.9	388.0	0	0	0	0
8286	-27.2	16.0	385.3	0	0	0	0
8337	-27.5	15.9	382.7	0	0	0	0
8381	-27.8	15.9	380.0	0	0	0	0
8443	-28.4	15.8	377.3	0	0	0	0
8496	-28.9	15.8	377.3	0	0	0	0

9AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
8583	-29.3	15.9	374.1	0	0	0	0
8703	-30.3	15.4	368.1	0	0	0	0
8735	-30.8	15.9	368.1	0	0	0	0
8810	-31.2	16.0	368.1	0	0	0	0
8869	-31.7	15.8	359.1	0	0	0	0
8939	-32.2	15.3	357.3	0	0	0	0
8970	-32.7	16.0	353.9	0	0	0	0
9024	-32.8	16.3	351.0	0	0	0	0
9112	-32.8	17.0	348.5	0	0	0	0
9140	-33.2	15.9	345.5	0	0	0	0
9200	-33.6	15.9	345.6	0	0	0	0
9242	-33.9	16.0	342.6	0	0	0	0
9294	-34.3	16.0	340.0	0	0	0	0
9339	-34.4	15.9	334.8	0	0	0	0
9403	-34.7	15.8	332.3	0	0	0	0
9516	-35.4	15.9	329.6	0	0	0	0
9558	-35.6	15.9	326.2	0	0	0	0
9618	-36.0	15.9	323.9	0	0	0	0
9671	-36.3	16.0	319.0	0	0	0	0
9696	-36.7	15.9	316.4	0	0	0	0
9767	-37.5	15.9	316.5	0	0	0	0
9830	-37.5	16.1	314.0	0	0	0	0
9876	-37.6	16.0	311.8	0	0	0	0
9910	-37.8	16.0	309.9	0	0	0	0
10094	-38.3	16.0	307.5	0	0	0	0
10002	-38.5	16.0	306.2	0	0	0	0
10033	-39.1	16.0	304.1	0	0	0	0
10086	-39.3	16.1	302.0	0	0	0	0
10140	-40.1	16.0	299.6	0	0	0	0
10218	-40.6	16.1	296.6	0	0	0	0
10263	-41.0	16.1	294.0	0	0	0	0
10346	-41.2	16.2	291.4	0	0	0	0
10370	-41.6	16.7	289.6	0	0	0	0
10479	-42.1	16.5	285.6	0	0	0	0
10529	-42.1	15.5	286.2	0	0	0	0
10595	-42.5	15.5	283.4	0	0	0	0
10638	-43.0	16.3	280.4	0	0	0	0
10697	-43.4	16.2	278.4	0	0	0	0
10753	-43.9	16.3	276.0	0	0	0	0
10804	-44.3	16.2	273.6	0	0	0	0
10875	-44.7	16.4	271.4	0	0	0	0
10919	-45.2	16.4	268.5	0	0	0	0

9AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
10964	-45.4	16.4	266.5	0	0	0	0
11010	-45.3	16.3	265.1	0	0	0	0
11101	-45.6	16.4	262.7	0	0	0	0
11107	-45.9	16.3	260.2	0	0	0	0
11166	-46.0	16.4	258.6	0	0	0	0
11218	-46.1	16.4	258.7	0	0	0	0
11254	-46.1	16.4	257.5	0	0	0	0
11298	-46.3	16.5	255.7	0	0	0	0
11334	-46.6	16.4	254.4	0	0	0	0
11420	-46.9	16.6	251.3	0	0	0	0
11476	-47.3	17.7	249.9	0	0	0	0
11498	-47.2	15.8	248.7	0	0	0	0
11544	-47.5	16.6	247.1	0	0	0	0
11567	-47.6	16.5	245.4	0	0	0	0
11624	-47.7	16.5	244.0	0	0	0	0
11651	-47.9	16.4	242.3	0	0	0	0
11686	-47.9	16.4	240.8	0	0	0	0
11719	-48.5	16.5	239.2	0	0	0	0
11759	-48.5	16.7	239.1	0	0	0	0
11797	-48.5	16.5	238.3	0	0	0	0
11834	-48.8	16.5	237.0	0	0	0	0
11873	-49.1	16.7	235.4	0	0	0	0
11910	-49.3	16.7	234.0	0	0	0	0
11954	-49.4	16.9	232.8	0	0	0	0
11999	-49.5	16.6	231.1	0	0	0	0
12051	-49.9	16.7	229.7	0	0	0	0
12084	-50.3	16.7	228.1	0	0	0	0
12157	-50.5	16.7	225.4	0	0	0	0
12214	-50.7	16.7	224.3	0	0	0	0
12253	-50.7	16.7	222.6	0	0	0	0
12306	-51.0	16.7	222.6	0	0	0	0
12323	-51.0	16.9	221.1	0	0	0	0
12357	-51.2	16.9	219.6	0	0	0	0
12411	-51.4	16.6	218.3	0	0	0	0
12446	-51.6	16.7	216.9	0	0	0	0
12482	-51.8	16.8	215.9	0	0	0	0
12538	-52.3	16.6	214.2	0	0	0	0
12575	-52.5	16.7	212.9	0	0	0	0
12626	-52.7	16.9	211.2	0	0	0	0
12666	-52.6	16.8	210.7	0	0	0	0
12715	-52.8	16.7	208.7	0	0	0	0
12757	-52.8	16.6	207.4	0	0	0	0

9AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
12799	-52.3	16.7	206.0	0	0	0	0
12892	-52.8	16.9	204.7	0	0	0	0
12926	-52.8	16.6	203.1	0	0	0	0
12968	-52.5	16.8	201.8	0	0	0	0
13037	-53.1	16.7	199.9	0	0	0	0
13079	-52.8	16.8	198.5	0	0	0	0
13155	-52.8	16.9	196.1	0	0	0	0
13220	-53.1	16.6	194.8	0	0	0	0
13263	-52.8	16.5	193.7	0	0	0	0
13290	-53.2	16.7	192.4	0	0	0	0
13345	-53.5	16.8	191.1	0	0	0	0
13363	-53.5	16.8	189.9	0	0	0	0
13428	-54.2	16.6	188.5	0	0	0	0
13464	-54.3	16.7	187.3	0	0	0	0
13534	-54.3	16.8	187.3	0	0	0	0
13648	-54.2	16.7	183.8	0	0	0	0
13671	-54.1	16.7	182.5	0	0	0	0
13711	-54.4	16.7	181.3	0	0	0	0
13745	-54.5	16.7	180.0	0	0	0	0
13811	-54.4	16.6	179.0	0	0	0	0
13862	-54.8	16.8	178.0	0	0	0	0
13934	-55.3	16.8	176.0	0	0	0	0
13962	-55.4	16.7	174.6	0	0	0	0
14040	-55.5	16.6	173.5	0	0	0	0
14070	-56.0	16.7	171.8	0	0	0	0
14141	-55.9	16.7	170.5	0	0	0	0
14185	-56.0	16.9	170.4	0	0	0	0
14233	-56.0	16.9	169.5	0	0	0	0
14256	-56.0	16.8	168.6	0	0	0	0
14292	-56.0	16.8	167.4	0	0	0	0
14328	-56.5	16.8	166.4	0	0	0	0
14373	-56.2	16.8	165.3	0	0	0	0
14454	-56.2	16.8	163.7	0	0	0	0
14507	-56.4	16.8	161.9	0	0	0	0
14579	-56.6	16.7	160.0	0	0	0	0
14635	-56.8	16.7	159.0	0	0	0	0
14685	-57.1	17.0	157.8	0	0	0	0
14721	-57.5	16.9	156.9	0	0	0	0
14772	-57.5	16.9	156.9	0	0	0	0
14794	-57.6	16.9	155.8	0	0	0	0
14834	-57.5	16.8	155.0	0	0	0	0
14883	-57.5	16.8	154.1	0	0	0	0

9AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
14925	-57.6	16.4	153.4	0	0	0	0
14970	-57.5	16.7	152.5	0	0	0	0
14985	-57.5	16.7	151.2	0	0	0	0
15038	-57.5	16.6	150.4	0	0	0	0
15077	-57.8	16.8	149.6	0	0	0	0
15108	-58.1	17.0	148.4	0	0	0	0
15145	-58.3	16.8	147.7	0	0	0	0
15232	-58.5	16.7	146.6	0	0	0	0
15233	-59.0	16.8	146.7	0	0	0	0
15348	-59.0	16.8	145.6	0	0	0	0
15355	-58.5	16.8	144.5	0	0	0	0
15442	-59.4	17.0	142.3	24	0	0	0
15498	-59.4	17.1	141.6	0	0	0	0
15555	-60.0	16.8	140.4	0	0	0	0
15607	-60.2	16.9	138.9	0	0	0	0
15654	-60.3	16.8	137.7	0	0	0	0
15706	-60.6	16.6	136.8	0	0	0	0
15782	-60.3	16.9	135.5	0	0	0	0
15826	-60.4	16.9	134.7	0	0	0	0
15862	-60.4	16.9	133.1	0	0	0	0
15919	-60.5	16.9	133.3	0	0	0	0
15976	-60.5	17.1	132.2	24	0	0	0
15995	-60.5	17.0	131.4	0	0	0	0
16040	-61.1	17.0	130.5	0	0	0	0
16111	-61.5	16.9	129.6	0	0	0	0
16155	-61.9	16.6	128.7	0	0	0	0
16218	-61.9	16.8	127.6	0	0	0	0
16246	-62.4	17.1	126.3	0	0	0	0
16304	-62.6	16.7	125.7	0	0	0	0
16414	-62.6	17.6	123.9	0	0	0	0
16427	-62.9	17.2	123.3	0	0	0	0
16547	-62.9	17.1	122.4	0	0	0	0
16561	-63.0	17.1	122.4	0	0	0	0
16586	-63.0	17.1	121.8	0	0	0	0
16626	-63.4	17.1	120.9	0	0	0	0
16650	-63.3	17.1	119.8	0	0	0	0
16782	-63.5	16.6	119.2	0	0	0	0
16730	-62.6	17.0	118.1	0	0	0	0
16750	-62.4	17.2	117.5	0	0	0	0
16872	-62.4	17.0	117.0	0	0	0	0
16847	-62.5	17.1	116.0	0	0	0	0
16912	-62.6	17.1	115.2	0	0	0	0

9AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
17108	-62.5	17.4	112.4	0	0	0	0
17187	-62.6	16.9	111.6	0	0	0	0
17214	-62.6	17.0	110.9	0	0	0	0
17282	-61.8	17.0	109.6	0	0	0	0
17346	-62.0	17.2	109.0	0	0	0	0
17391	-62.3	17.2	108.1	0	0	0	0
17395	-62.3	17.1	107.4	0	0	0	0
17502	-62.6	17.2	106.8	0	0	0	0
17533	-62.8	17.0	105.8	0	0	0	0
17569	-63.0	17.1	105.3	0	0	0	0
17613	-63.3	17.0	104.5	0	0	0	0
17628	-63.8	17.1	104.5	0	0	0	0
17676	-63.8	17.2	103.8	0	0	0	0
17745	-63.9	17.1	103.0	0	0	0	0
17805	-63.9	17.1	102.4	0	0	0	0
17900	-63.8	16.9	101.3	0	0	0	0
17911	-63.7	17.1	100.5	0	0	0	0
17977	-63.8	17.1	99.6	0	0	0	0
18063	-63.7	17.0	98.5	0	0	0	0
18101	-63.7	17.3	97.5	0	0	0	0
18146	-63.7	17.3	97.0	0	0	0	0
18182	-63.3	17.4	96.3	0	0	0	0
18231	-63.3	16.7	96.5	0	0	0	0
18309	-63.3	16.9	95.6	0	0	0	0
18388	-63.6	17.1	94.4	0	0	0	0
18421	-63.8	16.9	93.8	0	0	0	0
18473	-63.8	16.8	93.2	0	0	0	0
18475	-64.0	17.1	92.5	0	0	0	0
18540	-63.7	17.0	91.9	0	0	0	0
18626	-63.8	17.1	91.3	0	0	0	0
18641	-63.6	17.1	90.5	0	0	0	0
18693	-64.1	17.3	90.1	0	0	0	0
18723	-63.6	17.2	89.3	0	0	0	0
18876	-61.5	17.4	87.8	0	0	0	0
18944	-61.3	17.2	87.8	0	0	0	0
18936	-60.4	17.1	87.3	0	0	0	0
18985	-60.1	17.1	87.1	0	0	0	0
19036	-60.7	17.1	86.4	0	0	0	0
19089	-60.8	17.0	85.6	0	0	0	0
19109	-60.8	17.0	85.1	0	0	0	0
19158	-61.4	17.3	84.4	0	0	0	0
19230	-61.6	17.0	84.1	0	0	0	0

9AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
19289	-61.0	17.1	83.3	0	0	0	0
19306	-60.4	16.7	82.8	0	0	0	0
19343	-60.0	14.2	84.7	0	0	0	0
19423	-60.1	17.1	81.8	0	0	0	0
19400	-60.8	16.9	81.2	0	0	0	0
19516	-60.6	17.1	81.2	0	0	0	0
19538	-59.7	17.1	80.1	0	0	0	0
19579	-59.3	16.9	80.2	0	0	0	0
19612	-59.1	17.1	79.8	0	0	0	0
19704	-59.1	16.8	78.9	0	0	0	0
19706	-59.4	17.0	78.5	0	0	0	0
19836	-59.7	17.0	78.1	0	0	0	0
19878	-59.3	17.2	78.1	0	0	0	0
19860	-59.5	16.7	76.8	0	0	0	0
19910	-58.7	16.6	76.2	0	0	0	0
19980	-57.7	16.6	76.2	0	0	0	0
20058	-57.7	16.7	75.8	0	0	0	0
20048	-57.7	16.6	75.3	0	0	0	0
20108	-57.5	16.7	74.7	0	0	0	0
20170	-58.2	16.8	74.2	0	0	0	0
20243	-58.0	17.0	73.7	0	0	0	0
20334	-58.5	16.7	72.3	0	0	0	0
20331	-57.7	16.6	72.8	0	0	0	0
20366	-58.0	16.7	72.2	0	0	0	0
20408	-58.2	16.7	71.7	0	0	0	0
20539	-57.2	16.7	70.7	0	0	0	0
20556	-57.3	16.5	70.3	0	0	0	0
20606	-56.9	16.6	70.4	0	0	0	0
20638	-56.9	17.0	69.7	0	0	0	0
20686	-56.6	17.1	69.6	0	0	0	0
20736	-56.5	16.6	68.9	0	0	0	0
20782	-57.2	16.3	68.6	0	0	0	0
20837	-57.0	16.5	68.2	0	0	0	0
20883	-57.0	16.8	67.8	0	0	0	0
20896	-56.8	16.4	67.4	0	0	0	0
20974	-56.3	16.8	66.9	0	0	0	0
21045	-56.4	16.6	66.6	0	0	0	0
21083	-56.2	16.8	66.3	0	0	0	0
21078	-56.4	16.7	65.7	0	0	0	0
21208	-56.1	16.6	65.3	0	0	0	0
21243	-56.0	16.6	65.1	0	0	0	0
21291	-56.3	16.7	62.5	0	0	0	0

9AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
21316	-55.8	16.7	64.1	0	0	0	0
21408	-55.6	16.8	63.6	0	0	0	0
21384	-55.2	16.5	63.5	0	0	0	0
21491	-55.6	16.4	62.8	0	0	0	0
21483	-55.5	16.3	62.6	0	0	0	0
21565	-55.4	16.5	62.3	0	0	0	0
21590	-55.9	15.5	60.7	0	0	0	0
21356	-55.5	19.1	50.8	0	0	0	0
21484	-55.5	19.0	50.5	0	0	0	0
21430	-55.9	19.1	50.0	0	0	0	0
21558	-56.5	19.4	49.4	0	0	0	0
21547	-55.6	19.4	49.0	0	0	0	0
21683	-55.2	19.1	48.8	0	0	0	0
21777	-55.6	19.3	48.1	0	0	0	0
21796	-55.3	19.1	47.8	0	0	0	0
21835	-55.2	19.1	47.5	0	0	0	0
21854	-55.3	18.7	47.3	3	0	0	0
21930	-54.5	19.3	46.7	0	0	0	0
22014	-55.0	18.8	46.2	0	0	0	0
22064	-55.4	17.8	46.0	0	0	0	0
22072	-54.5	19.0	45.3	0	0	0	0
22123	-54.5	19.0	45.0	0	0	0	0
22145	-55.2	19.0	45.0	0	0	0	0
22177	-55.2	18.9	45.0	0	0	0	0
22192	-55.1	18.8	44.7	0	0	0	0
22256	-55.3	18.8	44.3	0	0	0	0
22344	-55.2	18.9	43.8	0	0	0	0
22367	-55.6	18.9	43.4	4	0	0	0
22423	-55.1	18.9	43.1	0	0	0	0
22464	-54.3	18.8	42.7	4	0	0	0
22538	-54.1	18.7	42.7	4	0	0	0
22514	-53.6	18.7	42.2	0	0	0	0
22638	-53.9	18.7	42.2	0	0	0	0
22560	-53.9	20.2	42.3	0	0	0	0
22697	-53.4	18.7	41.6	0	0	0	0
22752	-52.4	18.6	41.1	4	0	0	0
22844	-52.6	18.8	41.1	0	0	0	0
22837	-53.6	19.4	40.6	0	0	0	0
22982	-52.6	18.7	39.8	0	0	0	0
23027	-52.2	18.4	39.5	44	25	0	0
23038	-51.9	18.6	39.4	4	0	0	0
23091	-51.9	18.2	39.3	0	0	0	0

9AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
23123	-51.7	18.2	39.2	0	0	0	0
23210	-51.8	18.1	38.9	0	0	0	0
23285	-51.9	18.2	38.8	0	0	0	0
23258	-51.8	18.3	38.2	0	0	0	0
23282	-51.8	18.3	38.0	3	0	0	0
23311	-51.9	18.2	37.7	0	0	0	0
23369	-52.0	18.2	37.6	0	0	0	0
23414	-51.9	18.2	37.3	4	0	0	0
23497	-51.2	18.1	37.0	0	0	0	0
23552	-51.1	17.9	36.7	0	0	0	0
23609	-51.2	17.8	36.4	0	0	0	0
23671	-51.2	18.1	36.0	7	0	0	0
23980	-51.3	18.0	35.7	0	0	0	0
23772	-51.3	20.2	35.5	7	0	0	0
23831	-50.6	17.8	35.3	0	0	0	0
23836	-50.2	17.2	35.1	0	0	0	0
23902	-50.0	17.7	34.8	0	0	0	0
23934	-50.3	18.0	34.8	3	0	0	0
23880	-50.7	18.2	34.3	0	0	0	0
24076	-50.8	17.7	34.2	0	0	0	0
24181	-51.1	17.5	33.2	7	0	0	0
24281	-51.6	0.0	33.1	14	0	0	0
24344	-51.7	17.7	32.9	7	0	0	0
24353	-50.8	17.6	32.6	0	0	0	0
24398	-50.8	17.6	32.6	0	0	0	0
24429	-50.9	17.8	32.1	253	25	0	0
24455	-50.8	16.3	32.3	0	0	0	0
24508	-50.4	16.3	32.2	0	0	0	0
24596	-49.9	17.6	31.7	0	0	0	0
24550	-49.7	17.7	31.4	0	0	0	0
24690	-49.8	17.4	31.4	0	0	0	0
24707	-50.0	17.6	30.9	4	0	0	0
24736	-49.6	17.6	30.8	0	0	4	0
24892	-49.0	17.4	30.3	4	0	0	0
24898	-48.5	17.4	30.1	7	0	0	0
24958	-48.4	17.3	30.0	0	0	0	0
25020	-48.4	17.2	29.8	0	0	0	0
25056	-48.3	17.2	29.4	0	0	0	0
25089	-48.1	17.3	29.3	0	0	0	0
25126	-47.5	17.1	29.3	4	0	0	0
25202	-47.1	17.1	29.2	0	0	0	0
25203	-46.9	17.1	29.0	3	0	0	0

9AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
25230	-46.9	17.0	28.8	3	0	0	0
25309	-46.7	16.9	28.6	3	0	0	0
25342	-46.7	17.1	28.3	0	0	0	0
25357	-46.1	17.0	28.2	7	0	0	0
25415	-45.8	16.9	28.0	7	0	0	0
25539	-46.2	16.8	27.9	10	0	0	0
25241	-46.1	16.8	27.7	0	0	0	0
25073	-43.4	15.9	23.4	10	0	0	0
25089	-43.2	16.0	23.4	3	0	0	0
25302	-42.3	15.8	22.9	0	0	0	0
27883	-42.3	14.6	22.4	0	0	0	0
27968	-42.2	15.6	22.1	0	0	0	0
25691	-41.0	14.5	21.9	14	0	0	0
25634	-41.0	15.7	21.7	0	0	0	0
25682	-40.5	14.4	21.7	0	0	0	0
25681	-40.2	15.7	21.4	0	0	0	0
25735	-39.8	14.5	21.7	3	0	0	0
25771	-39.5	15.5	21.3	0	0	0	0
25753	-39.0	14.5	21.4	7	0	0	0
25769	-38.7	15.6	21.1	0	0	0	0
25803	-38.1	15.6	21.0	3	0	0	0
25820	-36.6	15.6	21.1	3	0	0	0

10AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
858	31.3	16.1	930.9	0	0	0	0
911	31.4	16.0	930.0	0	0	0	0
953	30.7	16.1	923.9	0	0	0	0
1153	28.6	16.4	903.1	0	0	0	0
1206	28.3	16.3	898.1	0	0	0	0
1270	27.7	16.4	897.9	0	0	0	0
1325	27.0	16.3	897.9	0	0	0	0
1381	26.5	16.2	897.9	4	0	0	0
1440	25.9	16.4	897.9	0	0	0	0
1497	25.2	17.1	897.9	0	0	0	0
1561	24.7	16.4	860.4	0	0	0	0
1622	24.0	16.3	853.5	0	0	0	0
1681	23.3	16.7	852.8	0	0	0	0
1737	23.3	16.6	852.8	0	0	0	0
1792	22.7	17.6	852.8	0	0	0	0
1960	21.3	16.8	823.7	0	0	0	0
2002	20.7	18.0	819.7	0	0	0	0
2065	19.7	17.2	810.4	0	0	0	0
2140	19.1	17.1	805.5	0	0	0	0
2155	18.6	17.7	800.5	0	0	0	0
2209	18.1	17.2	795.3	0	0	0	0
2236	17.4	46.5	780.2	0	0	0	0
2354	16.9	46.4	782.7	0	0	0	0
2423	16.5	17.2	783.0	0	0	0	0
2464	16.5	17.3	778.4	0	0	0	0
2504	16.1	17.7	774.2	0	0	0	0
2546	15.6	17.7	769.8	0	0	0	0
2614	14.8	17.8	762.7	0	0	0	0
2648	14.6	18.3	759.4	0	0	0	0
2683	14.2	18.3	755.1	0	0	0	0
2727	13.7	18.4	751.3	0	0	0	0
2816	12.8	18.3	743.6	0	0	0	0
2856	12.3	18.6	738.0	0	0	0	0
2894	12.0	18.8	734.7	0	0	0	0
2934	11.6	19.3	730.6	0	0	0	0
2968	11.2	19.2	728.5	0	0	0	0
3008	10.7	19.7	728.3	0	0	0	0
3039	10.7	20.0	722.7	0	0	0	0
3072	10.4	19.4	719.4	0	0	0	0
3110	10.2	19.3	716.6	0	0	0	0
3173	9.6	19.2	709.0	0	0	0	0
3211	9.2	19.0	705.4	4	0	0	0

10AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
3242	8.9	19.0	703.1	0	0	0	0
3283	8.5	19.0	701.0	0	0	0	0
3431	8.3	19.0	695.0	0	0	0	0
3497	7.7	18.8	691.0	0	0	0	0
3610	8.3	15.7	669.5	0	0	0	0
3631	8.3	15.7	667.5	0	0	0	0
3647	8.4	15.7	667.3	0	0	0	0
3632	8.6	15.7	666.3	0	0	0	0
3646	8.4	15.7	665.4	0	0	0	0
3661	8.8	15.9	664.5	0	0	0	0
3677	8.7	16.2	663.3	0	0	0	0
3707	8.4	16.2	660.6	0	0	0	0
3711	8.4	16.1	660.7	0	0	0	0
3714	8.7	15.6	660.5	0	0	0	0
3722	8.7	16.4	659.5	0	0	0	0
3808	7.8	17.3	650.9	0	0	0	0
3851	7.3	16.2	647.7	0	0	0	0
3898	7.0	16.2	647.5	0	0	0	0
3926	6.4	16.2	643.2	0	0	0	0
3947	6.5	17.5	643.2	0	0	0	0
3990	6.2	16.3	643.2	0	0	0	0
3999	6.0	16.2	635.7	0	0	0	0
4029	5.6	16.2	635.7	0	0	0	0
4060	5.6	16.8	630.8	0	0	0	0
4084	5.1	16.8	628.5	0	0	0	0
4133	5.0	16.4	626.1	0	0	0	0
4181	4.7	16.2	626.1	0	0	0	0
4213	4.4	16.4	622.4	0	0	0	0
4331	3.7	16.6	619.8	0	0	0	0
4304	3.6	16.5	610.0	0	0	0	0
4347	3.3	16.3	610.0	0	0	0	0
4376	3.3	16.5	610.0	0	0	0	0
4407	2.7	16.5	605.4	0	0	0	0
4453	2.1	16.5	603.2	0	0	0	0
4500	1.6	16.8	603.2	0	0	0	0
4546	1.1	17.3	603.2	0	0	0	0
4588	0.9	17.2	603.2	0	0	0	0
4617	0.7	17.4	603.2	0	0	0	0
4650	0.3	17.3	582.6	0	0	0	0
4679	-0.2	17.3	582.8	0	0	0	0
4721	-0.2	17.3	579.1	0	0	0	0
4772	-0.5	17.0	574.5	0	0	0	0

10AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
4797	-0.7	16.9	572.5	0	0	0	0
4820	-1.1	17.3	570.2	0	0	0	0
4849	-1.4	17.0	568.4	0	0	0	0
4900	-1.7	17.0	564.0	0	0	0	0
4917	-2.0	18.1	562.0	0	0	0	0
4951	-2.2	17.3	560.5	0	0	0	0
4957	-2.5	16.8	558.5	0	0	0	0
4997	-2.5	16.9	557.0	0	0	0	0
5008	-2.3	18.1	556.2	0	0	0	0
5029	-2.7	16.6	555.0	0	0	0	0
5041	-3.0	16.6	553.1	0	0	0	0
5066	-3.1	16.7	553.0	0	0	0	0
5095	-2.9	16.7	552.5	0	0	0	0
5103	-3.2	16.7	550.4	0	0	0	0
5126	-3.4	16.6	548.9	0	0	0	0
5121	-3.5	16.8	547.9	0	0	0	0
5138	-3.6	16.7	547.3	0	0	0	0
5139	-3.8	17.0	546.3	0	0	0	0
5174	-3.7	17.0	545.0	0	0	0	0
5174	-4.2	17.2	543.8	0	0	0	0
5193	-4.1	17.2	542.1	0	0	0	0
5207	-4.1	17.1	541.2	0	0	0	0
5210	-4.4	17.3	540.7	0	0	0	0
5231	-4.4	17.2	540.0	0	0	0	0
5228	-4.6	17.1	540.0	0	0	0	0
5270	-4.6	17.1	539.6	0	0	0	0
5284	-4.7	17.1	536.7	0	0	0	0
5296	-4.8	16.9	536.3	0	0	0	0
5323	-4.9	17.0	535.0	0	0	0	0
5351	-5.2	16.5	534.4	0	0	0	0
5391	-5.4	16.0	530.4	0	0	0	0
5442	-5.6	15.8	527.7	0	0	0	0
5482	-6.0	16.7	524.2	0	0	0	0
5519	-6.4	16.0	521.8	0	0	0	0
5561	-6.8	16.4	521.6	0	0	0	0
5610	-7.2	16.5	518.4	0	0	0	0
5660	-7.3	16.4	516.0	0	0	0	0
5750	-8.3	16.8	512.7	0	0	0	0
5828	-8.6	16.5	512.7	0	0	0	0
5836	-8.7	16.7	512.7	0	0	0	0
5852	-8.7	16.6	499.2	0	0	0	0
5878	-8.9	16.6	497.6	0	0	0	0

10AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
5883	-9.0	16.6	496.5	0	0	0	0
5924	-9.3	16.8	495.0	0	0	0	0
5923	-9.4	16.8	493.8	0	0	0	0
5954	-9.7	16.7	494.0	0	0	0	0
5983	-9.8	16.9	490.7	0	0	0	0
5985	-9.9	16.8	489.4	0	0	0	0
6042	-10.3	16.9	487.3	0	0	0	0
6057	-10.4	16.8	486.5	0	0	0	0
6091	-11.0	17.0	483.2	0	0	0	0
6266	-11.6	16.8	475.1	0	0	0	0
6306	-11.4	16.3	471.7	0	0	0	0
6354	-11.6	16.8	469.0	0	0	0	0
6357	-11.4	17.1	466.8	0	0	0	0
6387	-11.4	17.0	466.1	0	0	0	0
6397	-11.6	16.8	466.4	0	0	0	0
6413	-11.8	17.0	463.7	0	0	0	0
6448	-11.8	17.2	462.6	0	0	0	0
6450	-12.0	19.4	461.2	0	0	0	0
6492	-12.5	17.5	460.0	0	0	0	0
6515	-12.8	17.6	457.3	0	0	0	0
6534	-12.9	17.8	456.2	0	0	0	0
6603	-13.4	18.1	453.5	0	0	0	0
6622	-13.4	18.1	453.6	0	0	0	0
6642	-13.7	18.1	451.2	0	0	0	0
6657	-13.7	18.2	450.5	0	0	0	0
6680	-13.8	20.5	449.3	0	0	0	0
6682	-14.1	18.4	447.7	0	0	0	0
6717	-14.2	18.4	446.2	0	0	0	0
6737	-14.7	18.3	445.1	0	0	0	0
6756	-14.6	18.5	443.8	0	0	0	0
6778	-14.8	18.5	442.6	0	0	0	0
6795	-15.1	18.6	441.7	0	0	0	0
6828	-15.4	18.8	438.9	0	0	0	0
6869	-15.6	19.3	437.2	0	0	0	0
6962	-16.2	19.7	432.5	0	0	0	0
6960	-16.4	19.9	431.1	0	0	0	0
6995	-16.6	19.9	429.5	0	0	0	0
7026	-17.0	20.1	427.9	0	0	0	0
7084	-17.2	22.0	426.4	0	0	0	0
7185	-17.7	20.8	424.7	0	0	0	0
7133	-18.0	20.9	422.3	0	0	0	0
7181	-18.3	21.6	420.8	0	0	0	0

10AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
7209	-18.8	22.3	418.3	0	0	0	0
7260	-19.3	23.2	415.4	0	0	0	0
7319	-19.8	23.9	413.0	0	0	0	0
7366	-20.2	24.2	409.5	0	0	0	0
7415	-20.8	24.9	406.8	0	0	0	0
7473	-21.2	24.3	402.5	0	0	0	0
7507	-21.2	23.5	402.4	0	0	0	0
7514	-21.1	22.8	400.0	0	0	0	0
7542	-19.3	22.8	400.0	7	0	0	0
7575	-19.3	22.8	397.8	0	0	0	0
7571	-19.3	22.8	397.9	0	0	0	0
7620	-19.3	999.9	396.6	0	0	0	0
7619	-21.9	999.9	396.2	0	0	0	0
7666	-22.2	18.7	392.6	0	0	0	0
7713	-22.2	17.7	392.1	0	0	0	0
7735	-22.6	18.0	390.3	0	0	0	0
7731	-22.3	17.8	390.0	0	0	0	0
7765	-22.3	17.7	387.6	0	0	0	0
7831	-23.4	17.3	385.0	0	0	0	0
7838	-23.5	17.5	383.4	0	0	0	0
7879	-23.8	17.2	382.9	0	0	0	0
7888	-23.5	17.0	380.2	0	0	0	0
7910	-23.5	16.9	378.8	0	0	0	0
7936	-23.9	16.7	377.8	0	0	0	0
7955	-24.0	16.7	376.8	0	0	0	0
7952	-24.3	16.7	376.6	0	0	0	0
8028	-24.3	16.6	376.5	0	0	0	0
8036	-24.4	16.5	373.7	0	0	0	0
8132	-24.5	16.4	372.8	0	0	0	0
8087	-24.6	16.2	371.3	0	0	0	0
8126	-24.8	16.4	368.8	0	0	0	0
8202	-25.1	16.3	366.0	0	0	0	0
8202	-25.3	16.1	364.2	0	0	0	0
8236	-25.4	16.5	362.8	0	0	0	0
8283	-25.7	16.1	361.2	0	0	0	0
8275	-25.9	16.3	359.4	0	0	0	0
8323	-25.9	16.3	358.1	0	0	0	0
8369	-26.4	16.3	356.5	0	0	0	0
8382	-26.4	15.9	355.8	0	0	0	0
8407	-26.6	16.3	354.2	0	0	0	0
8452	-27.0	16.2	354.0	0	0	0	0
8486	-27.0	16.1	353.6	0	0	0	0

10AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
8495	-27.3	16.3	351.1	0	0	0	0
8542	-27.6	16.5	349.4	0	0	0	0
8645	-28.4	16.8	345.6	0	0	0	0
8662	-28.6	17.0	343.5	0	0	0	0
8644	-28.9	17.0	342.2	0	0	0	0
8692	-28.9	17.2	341.2	0	0	0	0
8737	-29.3	17.1	339.8	0	0	0	0
8714	-29.6	17.2	338.2	0	0	0	0
8753	-30.2	17.5	336.9	0	0	0	0
8800	-30.2	17.4	334.9	0	0	0	0
8844	-30.6	17.4	333.8	0	0	0	0
8854	-31.0	17.5	331.7	0	0	0	0
8903	-31.1	17.1	332.0	0	0	0	0
8940	-31.2	19.1	330.2	0	0	0	0
8938	-31.2	17.3	329.2	0	0	0	0
9037	-32.1	17.5	325.3	0	0	0	0
9061	-32.2	17.6	323.9	0	0	0	0
9059	-32.6	18.4	322.4	0	0	0	0
9096	-32.9	17.6	321.3	0	0	0	0
9128	-33.2	17.7	320.5	0	0	0	0
9148	-33.2	18.1	318.6	0	0	0	0
9157	-33.9	17.9	317.5	0	0	0	0
9212	-33.9	18.0	315.8	0	0	0	0
9283	-34.8	18.7	313.2	0	0	0	0
9328	-35.2	18.3	310.9	0	0	0	0
9358	-35.1	18.5	310.4	0	0	0	0
9384	-35.3	18.4	308.7	0	0	0	0
9393	-35.7	18.4	308.6	0	0	0	0
9449	-35.8	18.7	306.2	0	0	0	0
9486	-36.5	20.4	304.6	0	0	0	0
9518	-36.6	19.0	303.1	0	0	0	0
9584	-37.2	18.9	301.2	0	0	0	0
9635	-37.4	19.2	297.6	0	0	0	0
9638	-37.4	19.2	296.8	0	0	0	0
9661	-37.7	18.4	296.4	0	0	0	0
9683	-37.9	19.5	294.8	0	0	0	0
9705	-37.8	19.3	294.0	0	0	0	0
9728	-38.0	17.7	292.8	0	0	0	0
9753	-38.3	19.3	291.6	0	0	0	0
9783	-39.0	19.3	289.8	0	0	0	0
9822	-38.8	19.0	288.6	0	0	0	0
9886	-39.1	19.1	287.8	0	0	0	0

10AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
9890	-39.1	19.2	286.5	0	0	0	0
9921	-39.4	19.2	286.1	0	0	0	0
9947	-39.5	18.9	284.0	0	0	0	0
9974	-39.8	19.1	282.9	0	0	0	0
10003	-39.9	19.3	281.8	0	0	0	0
10025	-39.7	18.9	281.0	0	0	0	0
10050	-40.0	19.1	280.0	0	0	0	0
10059	-40.4	19.0	278.3	0	0	0	0
10092	-40.4	18.7	277.1	0	0	0	0
10135	-40.5	18.8	275.8	0	0	0	0
10169	-40.5	18.7	274.9	0	0	0	0
10204	-40.9	18.3	274.0	0	0	0	0
10210	-41.4	18.6	271.7	0	0	0	0
10244	-41.4	18.6	271.1	0	0	0	0
10276	-41.7	18.8	271.0	0	0	0	0
10312	-41.7	18.7	269.2	0	0	0	0
10355	-41.8	18.8	268.2	0	0	0	0
10389	-42.1	18.7	267.5	0	0	0	0
10428	-42.2	18.8	266.6	0	0	0	0
10430	-42.6	18.8	265.4	0	0	0	0
10441	-42.5	18.7	264.4	0	0	0	0
10479	-42.6	18.9	263.7	0	0	0	0
10518	-42.9	18.8	262.1	0	0	0	0
10521	-42.6	18.7	261.2	0	0	0	0
10585	-43.0	18.7	259.4	0	0	0	0
10650	-43.0	18.8	257.6	0	0	0	0
10650	-43.5	18.9	256.5	0	0	0	0
10692	-43.8	18.8	256.0	0	0	0	0
10695	-44.0	18.8	254.5	0	0	0	0
10710	-44.6	18.7	254.4	0	0	0	0
10750	-44.6	18.9	253.6	0	0	0	0
10794	-44.6	18.8	252.3	0	0	0	0
10813	-44.5	18.7	251.6	0	0	0	0
10796	-44.9	18.7	250.9	0	0	0	0
10838	-45.0	18.7	249.8	0	0	0	0
10891	-44.8	18.7	249.0	0	0	0	0
10919	-45.1	18.7	247.5	0	0	0	0
10938	-45.1	18.7	246.9	0	0	0	0
10972	-45.1	18.8	244.5	0	0	0	0
11013	-45.8	19.0	243.2	0	0	0	0
11031	-45.8	18.8	242.4	0	0	0	0
11195	-46.0	18.3	242.0	0	0	0	0

10AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
11086	-45.7	18.8	241.0	0	0	0	0
11106	-45.9	18.7	240.0	0	0	0	0
11100	-45.8	18.7	239.9	0	0	0	0
11138	-45.8	18.7	239.1	0	0	0	0
11161	-46.4	18.5	238.1	0	0	0	0
11172	-46.4	18.9	236.9	0	0	0	0
11148	-46.4	19.3	236.4	0	0	0	0
11189	-46.6	18.8	235.3	0	0	0	0
11234	-47.1	18.9	235.0	0	0	0	0
11257	-47.3	18.8	232.7	0	0	0	0
11303	-47.0	18.9	232.1	0	0	0	0
11342	-46.9	18.9	231.0	0	0	0	0
11383	-46.9	18.9	230.6	0	0	0	0
11374	-47.4	20.7	229.6	0	0	0	0
11363	-47.6	18.8	228.7	0	0	0	0
11403	-47.7	18.9	228.2	0	0	0	0
11400	-47.8	18.8	227.7	0	0	0	0
11419	-47.7	18.8	227.7	0	0	0	0
11460	-47.7	19.0	226.0	0	0	0	0
11498	-47.0	18.8	225.0	0	0	0	0
11539	-47.9	18.9	224.6	0	0	0	0
11560	-47.9	18.9	223.6	0	0	0	0
11563	-47.7	18.4	222.1	0	0	0	0
11550	-48.2	18.9	220.5	0	0	0	0
11681	-48.2	18.9	219.6	0	0	0	0
11703	-48.4	18.8	219.0	0	0	0	0
11720	-47.9	19.0	216.4	0	0	0	0
11756	-47.9	18.9	215.9	0	0	0	0
11791	-48.4	18.9	214.6	0	0	0	0
11819	-48.0	18.8	213.7	0	0	0	0
11780	-48.2	18.6	212.7	0	0	0	0
11867	-48.6	18.6	211.8	0	0	0	0
11922	-48.3	19.6	211.8	0	0	0	0
11863	-48.3	18.7	210.9	0	0	0	0
11903	-48.8	18.7	210.4	0	0	0	0
12032	-48.3	18.7	208.2	0	0	0	0
12056	-48.7	18.5	206.9	0	0	0	0
12084	-49.3	18.9	206.0	0	0	0	0
12115	-48.8	18.6	205.0	0	0	0	0
12072	-48.7	18.7	204.2	0	0	0	0
12147	-48.7	18.7	203.8	0	0	0	0
12211	-48.5	18.2	203.0	0	0	0	0

10AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
12241	-48.4	18.5	201.9	0	0	0	0
12258	-48.6	18.7	200.3	0	0	0	0
12222	-48.5	18.5	199.7	0	0	0	0
12254	-48.6	18.7	198.6	0	0	0	0
12337	-48.9	18.7	197.7	0	0	0	0
12391	-49.0	18.5	197.6	0	0	0	0
12398	-48.8	18.5	196.0	0	0	0	0
12451	-48.4	18.5	195.3	0	0	0	0
12492	-48.4	18.5	194.3	0	0	0	0
12519	-49.2	19.5	193.6	0	0	0	0
12535	-49.1	18.4	192.5	0	0	0	0
12557	-49.5	18.4	191.8	0	0	0	0
12598	-49.2	18.5	190.8	0	0	0	0
12637	-49.7	18.4	189.9	0	0	0	0
12613	-49.4	18.5	188.8	0	0	0	0
12776	-49.9	18.4	188.1	0	0	0	0
12733	-49.4	18.3	186.9	0	0	0	0
12772	-49.6	18.5	186.0	0	0	0	0
12795	-50.0	18.4	184.4	0	0	0	0
12807	-50.2	18.4	183.3	0	0	0	0
12855	-50.2	18.3	182.5	0	0	0	0
12908	-50.0	18.3	181.5	0	0	0	0
12954	-50.0	18.3	180.4	0	0	0	0
12994	-50.3	18.3	179.7	0	0	0	0
13025	-50.5	18.4	178.8	0	0	0	0
13055	-50.6	18.3	178.0	0	0	0	0
13040	-50.7	18.3	177.1	0	0	0	0
13080	-50.5	18.2	176.5	0	0	0	0
13120	-50.5	18.2	175.3	0	0	0	0
13158	-49.9	18.3	174.5	0	0	0	0
13188	-50.0	18.4	174.4	0	0	0	0
13119	-50.2	18.1	173.5	0	0	0	0
13290	-49.6	18.4	170.9	0	0	0	0
13264	-49.6	18.2	170.9	0	0	0	0
13303	-49.6	18.2	170.3	0	0	0	0
13355	-49.9	18.2	169.8	0	0	0	0
13401	-49.8	18.3	168.7	0	0	0	0
13438	-49.8	18.3	168.4	0	0	0	0
13474	-49.8	18.4	167.2	0	0	0	0
13473	-49.9	18.1	166.6	0	0	0	0
13456	-50.0	18.3	165.7	0	0	0	0
13503	-50.3	18.3	164.9	0	0	0	0

10AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l	.
13545	-49.6	18.1	164.3	0	0	0	0	
13583	-50.1	18.9	163.1	0	0	0	0	
13636	-50.7	18.0	160.9	0	0	0	0	
13667	-50.7	18.3	160.4	0	0	0	0	
13708	-51.1	18.3	159.9	0	0	0	0	
13758	-50.5	18.5	159.7	0	0	0	0	
13818	-50.5	18.3	158.5	0	0	0	0	
13837	-50.6	18.0	157.5	0	0	0	0	
13868	-51.2	18.2	156.8	0	0	0	0	
13892	-51.0	18.2	155.9	0	0	0	0	
13906	-51.4	18.0	155.2	0	0	0	0	
13938	-51.8	18.2	154.2	0	0	0	0	
13967	-51.1	18.0	153.1	0	0	0	0	
13995	-51.7	18.0	152.7	0	0	0	0	
14021	-51.7	18.0	151.9	0	0	0	0	
14094	-52.1	18.1	150.5	0	0	0	0	
14240	-52.2	17.9	149.4	0	0	0	0	
14100	-52.5	18.0	148.5	0	0	0	0	
14196	-52.6	18.1	147.9	0	0	0	0	
14272	-52.7	18.2	147.3	0	0	0	0	
14282	-52.7	18.0	146.4	0	0	0	0	
14278	-52.7	18.1	145.4	0	0	0	0	
14290	-52.5	18.0	144.9	0	0	0	0	
14324	-52.6	18.1	144.3	0	0	0	0	
14380	-52.1	18.1	143.3	0	0	0	0	
14439	-52.1	18.1	143.2	0	0	0	0	
14463	-51.6	18.2	142.5	0	0	0	0	
14499	-52.5	18.3	141.8	0	0	0	0	
14535	-53.1	18.0	139.5	0	0	0	0	
14563	-53.2	18.0	138.8	0	0	0	0	
14594	-53.6	18.1	138.4	0	0	0	0	
14623	-53.5	18.1	137.9	0	0	0	0	
14672	-53.6	18.3	136.9	0	0	0	0	
14713	-53.7	18.2	136.4	0	0	0	0	
14746	-53.8	18.2	135.3	0	0	0	0	
14785	-54.0	18.1	135.2	0	0	0	0	
14818	-54.0	18.3	134.1	0	0	0	0	
14838	-54.1	18.1	133.5	0	0	0	0	
14910	-54.2	18.2	132.5	0	0	0	0	
14976	-54.1	18.1	131.6	0	0	0	0	
15024	-54.0	18.2	129.7	0	0	0	0	
15051	-54.2	18.0	129.4	0	0	0	0	

10AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
15082	-54.3	17.8	128.8	0	0	0	0
15116	-54.8	18.7	128.2	0	0	0	0
15143	-54.8	18.1	127.4	0	0	0	0
15173	-55.0	18.1	126.4	0	0	0	0
15216	-55.2	18.0	125.8	0	0	0	0
15249	-55.0	18.0	125.4	0	0	0	0
15271	-55.3	18.4	125.0	0	0	0	0
15302	-55.4	18.4	124.8	0	0	0	0
15332	-55.4	18.2	124.8	0	0	0	0
15360	-55.4	18.2	123.9	0	0	0	0
15368	-55.5	18.0	123.1	0	0	0	0
15400	-55.9	18.3	121.4	0	0	0	0
15507	-55.4	18.2	120.8	0	0	0	0
15547	-55.6	18.2	120.3	0	0	0	0
15508	-55.9	18.3	119.2	0	0	0	0
15491	-55.9	18.2	119.0	0	0	0	0
15556	-56.4	18.2	118.6	0	0	0	0
15609	-56.7	18.3	118.0	0	0	0	0
15633	-57.2	18.2	116.9	0	0	0	0
15678	-56.7	19.0	116.0	0	0	0	0
15764	-57.0	18.1	115.5	0	0	0	0
15726	-57.9	18.2	114.3	0	0	0	0
15796	-57.9	18.3	114.2	0	0	0	0
15953	-58.3	18.4	112.5	0	0	0	0
16022	-58.5	18.2	111.5	0	0	0	0
15918	-58.4	18.2	111.0	0	0	0	0
16069	-58.6	18.3	110.3	0	0	0	0
16123	-58.6	18.4	109.5	0	0	0	0
16130	-58.8	18.5	108.9	0	0	0	0
16057	-59.0	18.4	108.5	0	0	0	0
16101	-59.8	18.4	107.4	0	0	0	0
16232	-59.9	18.2	106.6	0	0	0	0
16267	-60.5	18.4	105.6	0	0	0	0
16285	-60.4	18.6	104.6	0	0	0	0
16305	-60.5	18.6	103.8	0	0	0	0
16346	-60.5	18.6	103.2	0	0	0	0
16466	-60.4	18.1	102.6	0	0	0	0
16471	-59.9	18.5	101.9	0	0	0	0
16496	-59.1	19.2	101.4	0	0	0	0
16517	-58.7	18.5	100.9	0	0	0	0
16568	-59.1	18.6	99.5	0	0	0	0
16596	-59.3	18.5	99.1	0	0	0	0

10AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
16631	-59.5	18.5	98.6	0	0	0	0
16678	-59.7	18.6	98.4	0	0	0	0
16697	-60.0	18.6	97.6	0	0	0	0
16706	-60.1	18.4	96.9	0	0	0	0
16718	-60.2	18.3	96.6	0	0	0	0
16698	-60.2	18.4	96.1	0	0	0	0
16746	-60.1	18.4	95.8	0	0	0	0
16892	-59.3	18.6	94.6	0	0	0	0
16842	-58.8	18.5	94.6	0	0	0	0
16875	-58.8	18.5	93.9	0	0	0	0
16997	-58.7	18.4	93.2	0	0	0	0
17006	-59.0	18.6	92.3	0	0	0	0
17024	-59.6	18.5	91.4	0	0	0	0
17037	-59.7	18.5	90.9	0	0	0	0
17072	-60.0	18.5	90.4	0	0	0	0
17212	-60.3	18.6	88.4	0	0	0	0
17253	-60.3	18.1	87.9	0	0	0	0
17268	-60.5	18.6	87.1	0	0	0	0
17280	-60.7	18.8	86.6	0	0	0	0
17303	-60.5	18.5	86.1	0	0	0	0
17431	-59.6	18.6	85.0	0	0	0	0
17441	-59.5	18.4	84.6	0	0	0	0
17439	-59.8	18.5	84.5	0	0	0	0
17445	-59.9	18.5	84.4	0	0	0	0
17547	-59.9	18.4	83.7	0	0	0	0
17584	-59.7	18.5	83.0	0	0	0	0
17520	-60.3	18.2	82.7	0	0	0	0
17522	-59.8	18.5	82.2	0	0	0	0
17565	-60.0	18.6	81.5	0	0	0	0
17617	-60.6	18.5	81.1	0	0	0	0
17652	-60.5	18.4	80.3	0	0	0	0
17677	-60.8	18.4	79.8	0	0	0	0
17809	-61.1	18.4	79.2	0	0	0	0
17825	-60.9	18.4	78.3	0	0	0	0
17838	-60.2	18.5	77.9	0	0	0	0
17871	-60.6	18.4	77.1	0	0	0	0
17941	-60.8	18.4	76.8	0	0	0	0
18013	-60.9	18.3	76.7	0	0	0	0
18103	-60.9	18.5	76.3	0	0	0	0
18076	-61.0	18.5	76.1	0	0	0	0
18308	-60.9	18.4	75.5	0	0	0	0
18099	-61.1	18.1	74.7	0	0	0	0

10AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
18269	-61.1	18.5	74.2	0	0	0	0
18244	-61.3	19.0	73.4	0	0	0	0
18207	-61.3	18.5	73.3	0	0	0	0
18276	-61.3	18.2	73.0	0	0	0	0
18387	-61.5	18.4	71.3	0	0	0	0
18402	-61.3	18.6	71.0	0	0	0	0
18490	-60.7	18.2	70.7	0	0	0	0
18505	-60.6	18.5	70.4	0	0	0	0
18610	-60.6	18.5	69.7	0	0	0	0
18526	-60.3	18.4	69.2	0	0	0	0
18583	-60.1	18.4	69.1	0	0	0	0
18648	-60.1	18.5	68.8	0	0	0	0
18658	-60.1	18.2	68.4	0	0	0	0
18692	-59.8	18.6	68.1	0	0	0	0
18722	-59.9	18.5	68.0	0	0	0	0
18739	-59.8	18.4	67.2	0	0	0	0
18798	-59.4	17.7	66.6	0	0	0	0
18954	-59.4	18.2	65.5	0	0	0	0
18952	-59.6	18.1	65.5	0	0	0	0
18899	-59.5	18.2	65.0	0	0	0	0
18932	-59.8	18.1	64.3	0	0	0	0
19071	-59.7	18.4	64.0	0	0	0	0
19069	-59.3	18.1	63.5	0	0	0	0
19036	-59.1	17.9	63.4	0	0	0	0
19101	-59.1	18.2	63.3	0	0	0	0
19099	-59.1	18.4	63.2	0	0	0	0
19124	-58.8	18.5	62.5	0	0	0	0
19179	-59.1	18.5	62.1	0	0	0	0
19329	-59.3	18.4	61.6	0	0	0	0
19232	-59.2	18.0	61.5	0	0	0	0
19307	-59.2	18.1	60.8	0	0	0	0
19369	-59.5	18.1	60.2	0	0	0	0
19402	-59.4	18.2	59.7	0	0	0	0
19510	-59.8	18.1	59.2	0	0	0	0
19430	-57.9	18.4	58.9	0	0	0	0
19549	-57.9	18.1	58.6	0	0	0	0
19569	-57.0	18.3	58.1	0	0	0	0
19603	-57.7	18.1	57.5	0	0	0	0
19655	-57.9	18.0	57.1	0	0	0	0
19642	-57.7	18.4	57.0	0	0	0	0
19654	-57.7	18.0	56.8	0	0	0	0
19692	-58.0	18.0	56.6	0	0	0	0

15AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
893	28.4	23.7	929.2	0.0	0.0	0.0	0.0
919	26.8	24.6	922.2	0.0	0.0	0.0	0.0
1025	25.3	26.2	905.0	0.0	0.0	0.0	0.0
1078	24.4	27.2	895.9	0.0	0.0	0.0	0.0
1153	23.4	28.7	886.4	0.0	0.0	0.0	0.0
1192	22.8	29.9	878.2	0.0	0.0	0.0	0.0
1436	20.1	33.7	848.8	3.6	0.0	0.0	0.0
1435	20.1	32.4	850.3	3.6	0.0	0.0	0.0
1663	19.4	34.1	844.8	0.0	0.0	0.0	0.0
1700	18.7	34.8	839.3	0.0	0.0	0.0	0.0
1752	18.5	35.8	833.1	0.0	0.0	0.0	0.0
1836	18.2	36.1	828.1	3.5	0.0	0.0	0.0
1979	16.3	38.2	828.1	0.0	0.0	0.0	0.0
2030	15.5	37.4	828.1	7.3	0.0	0.0	0.0
2096	14.8	40.3	828.1	10.7	0.0	0.0	0.0
2149	14.6	41.6	793.8	10.8	0.0	0.0	0.0
2195	14.2	41.6	789.3	3.6	0.0	0.0	0.0
2248	14.3	32.2	784.7	0.0	0.0	0.0	0.0
2284	14.8	20.9	785.1	0.0	0.0	0.0	0.0
2341	14.8	19.1	785.1	0.0	0.0	0.0	0.0
2423	14.8	18.2	785.1	0.0	0.0	0.0	0.0
2404	14.7	17.7	785.1	0.0	0.0	0.0	0.0
2436	14.9	17.4	785.1	0.0	0.0	0.0	0.0
2486	14.9	17.3	759.8	0.0	0.0	0.0	0.0
2528	15.2	17.1	755.1	0.0	0.0	0.0	0.0
2655	14.7	16.8	751.0	0.0	0.0	0.0	0.0
2709	14.6	16.7	747.1	0.0	0.0	0.0	0.0
2769	14.4	16.7	747.1	0.0	0.0	0.0	0.0
2847	14.5	16.4	747.1	0.0	0.0	0.0	0.0
2923	14.2	17.1	747.1	0.0	0.0	0.0	0.0
2907	14.0	16.7	747.1	0.0	0.0	0.0	0.0
2991	13.9	16.5	717.3	0.0	0.0	0.0	0.0
3049	13.9	16.3	713.1	0.0	0.0	0.0	0.0
3071	13.3	16.4	713.1	0.0	0.0	0.0	0.0
3122	12.5	16.6	713.1	0.0	0.0	0.0	0.0
3160	12.7	16.4	713.1	0.0	0.0	0.0	0.0
3206	12.9	16.4	713.1	0.0	0.0	0.0	0.0
3320	11.6	16.2	688.6	0.0	0.0	0.0	0.0
3353	11.2	16.1	684.1	0.0	0.0	0.0	0.0
3397	11.3	16.0	679.8	0.0	0.0	0.0	0.0
3414	11.0	16.0	680.0	0.0	0.0	0.0	0.0
3476	10.3	16.0	680.0	0.0	0.0	0.0	0.0

15AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
3510	10.3	15.8	680.0	0.0	0.0	0.0	0.0
3550	9.8	15.7	680.0	0.0	0.0	0.0	0.0
3596	9.5	16.2	657.4	0.0	0.0	0.0	0.0
3643	9.2	16.2	652.9	0.0	0.0	0.0	0.0
3891	8.7	16.0	644.3	0.0	0.0	0.0	0.0
3905	8.3	16.0	644.2	0.0	0.0	0.0	0.0
4148	7.1	16.1	640.5	0.0	0.0	0.0	0.0
4209	6.9	16.2	640.5	0.0	0.0	0.0	0.0
4291	6.3	16.1	611.0	0.0	0.0	0.0	0.0
4311	6.0	16.3	607.8	0.0	0.0	0.0	0.0
4369	6.1	16.1	607.9	0.0	0.0	0.0	0.0
4437	5.6	16.1	603.6	0.0	0.0	0.0	0.0
4531	4.7	16.0	603.6	0.0	0.0	0.0	0.0
4580	4.6	15.8	603.6	0.0	0.0	0.0	0.0
4641	4.3	15.9	603.6	0.0	0.0	0.0	0.0
4690	4.3	15.9	584.1	0.0	0.0	0.0	0.0
4724	3.7	15.9	579.8	0.0	0.0	0.0	0.0
4811	3.1	15.9	573.0	0.0	0.0	0.0	0.0
4867	3.0	15.8	569.6	0.0	0.0	0.0	0.0
4910	2.3	15.9	569.5	0.0	0.0	0.0	0.0
4964	1.8	16.0	569.5	0.0	0.0	0.0	0.0
5026	1.5	15.9	569.5	3.6	0.0	0.0	0.0
5083	1.0	15.9	569.5	0.0	0.0	0.0	0.0
5116	0.6	15.9	569.5	0.0	0.0	0.0	0.0
5159	0.2	16.1	547.4	0.0	0.0	0.0	0.0
5216	-0.2	16.1	543.4	0.0	0.0	0.0	0.0
5266	-0.4	15.9	539.8	0.0	0.0	0.0	0.0
5323	-1.2	16.1	539.8	0.0	0.0	0.0	0.0
5370	-1.6	16.1	535.8	0.0	0.0	0.0	0.0
5471	-2.3	16.0	535.8	0.0	0.0	0.0	0.0
5595	-2.9	16.0	535.8	0.0	0.0	0.0	0.0
5627	-3.1	15.9	515.5	0.0	0.0	0.0	0.0
5681	-3.6	16.0	515.5	0.0	0.0	0.0	0.0
5706	-3.8	15.9	512.3	0.0	0.0	0.0	0.0
5731	-3.8	15.9	508.7	0.0	0.0	0.0	0.0
5776	-4.1	15.9	505.5	0.0	0.0	0.0	0.0
5832	-4.3	16.0	502.4	0.0	0.0	0.0	0.0
5908	-5.0	16.0	502.5	0.0	0.0	0.0	0.0
5978	-5.6	16.0	502.5	0.0	0.0	0.0	0.0
10335	-7.6	16.4	468.4	0.0	0.0	0.0	0.0
8142	-20.4	16.5	370.5	0.0	0.0	0.0	0.0
8197	-21.2	16.3	367.5	0.0	0.0	0.0	0.0

15AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
8239	-21.5	16.6	364.9	0.0	0.0	0.0	0.0
8318	-22.0	16.5	364.9	0.0	0.0	0.0	0.0
8352	-22.3	16.5	356.9	0.0	0.0	0.0	0.0
8413	-22.5	16.4	356.9	0.0	0.0	0.0	0.0
8442	-22.9	16.4	356.9	0.0	0.0	0.0	0.0
8628	-24.3	16.5	344.4	0.0	0.0	0.0	0.0
8677	-24.7	16.5	341.7	0.0	0.0	0.0	0.0
8772	-23.9	16.5	338.5	0.0	0.0	0.0	0.0
8786	-24.6	16.6	336.5	0.0	0.0	0.0	0.0
8850	-25.1	16.6	333.3	0.0	0.0	0.0	0.0
8927	-26.2	16.5	330.8	0.0	0.0	0.0	0.0
8959	-26.3	16.6	328.4	0.0	0.0	0.0	0.0
9021	-27.3	16.5	325.9	0.0	0.0	0.0	0.0
9070	-27.3	16.6	322.8	0.0	0.0	0.0	0.0
9130	-27.4	16.6	320.5	0.0	0.0	0.0	0.0
9170	-27.3	16.5	317.7	0.0	0.0	0.0	0.0
9233	-28.2	16.6	314.9	0.0	0.0	0.0	0.0
9332	-27.7	16.6	307.7	0.0	0.0	0.0	0.0
9399	-28.6	16.5	306.1	0.0	0.0	0.0	0.0
9481	-29.7	16.5	303.3	0.0	0.0	0.0	0.0
9537	-29.6	16.6	300.8	0.0	0.0	0.0	0.0
9578	-30.1	16.7	298.2	0.0	0.0	0.0	0.0
9684	-30.9	16.7	295.0	0.0	0.0	0.0	0.0
9717	-30.9	16.6	292.5	0.0	0.0	0.0	0.0
9751	-30.2	16.6	290.3	0.0	0.0	3.7	0.0
9812	-30.6	16.6	288.0	0.0	0.0	0.0	0.0
9978	-31.7	16.8	285.5	0.0	0.0	0.0	0.0
9934	-32.7	16.8	283.3	0.0	0.0	0.0	0.0
9994	-33.1	16.8	281.4	0.0	0.0	0.0	0.0
10045	-33.3	17.0	278.5	0.0	0.0	0.0	0.0
10170	-34.0	17.0	275.5	3.6	0.0	0.0	0.0
10273	-35.1	16.8	270.6	0.0	0.0	0.0	0.0
10324	-34.5	16.9	268.8	0.0	0.0	0.0	0.0
10355	-34.9	17.0	266.5	0.0	0.0	0.0	0.0
10431	-35.7	17.0	264.3	0.0	0.0	0.0	0.0
10468	-36.7	16.9	261.7	0.0	0.0	0.0	0.0
10537	-37.3	17.0	259.6	0.0	0.0	0.0	0.0
10607	-36.9	17.0	257.2	0.0	0.0	0.0	0.0
10620	-36.8	17.0	255.4	0.0	0.0	0.0	0.0
10697	-38.5	17.0	253.0	0.0	0.0	0.0	0.0
10713	-38.2	17.4	251.3	0.0	0.0	0.0	0.0
10790	-38.3	16.9	249.3	0.0	0.0	0.0	0.0

15AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
10831	-39.3	17.1	246.4	0.0	0.0	0.0	0.0
10951	-40.0	17.1	241.7	0.0	0.0	0.0	0.0
11017	-39.5	17.1	240.0	0.0	0.0	3.7	0.0
11059	-39.2	17.1	237.7	0.0	0.0	0.0	0.0
11112	-40.7	17.2	234.9	0.0	0.0	3.6	0.0
11223	-40.6	17.1	234.9	0.0	0.0	0.0	0.0
11265	-40.6	16.9	233.1	0.0	0.0	0.0	0.0
11374	-41.2	17.0	228.7	0.0	0.0	0.0	0.0
11423	-41.5	17.0	226.4	0.0	0.0	0.0	0.0
11510	-42.3	17.2	224.3	0.0	0.0	0.0	0.0
11553	-42.8	17.4	221.7	0.0	0.0	0.0	0.0
11615	-43.0	17.3	219.2	0.0	0.0	0.0	0.0
11710	-43.7	17.3	216.5	0.0	0.0	0.0	0.0
11907	-43.8	17.3	214.8	0.0	0.0	0.0	0.0
11850	-43.2	17.3	210.9	0.0	0.0	0.0	0.0
11918	-44.3	17.6	208.8	0.0	0.0	0.0	0.0
11976	-45.1	17.4	206.6	0.0	0.0	0.0	0.0
12038	-46.0	17.4	204.8	0.0	0.0	0.0	0.0
12064	-46.4	17.5	203.7	0.0	0.0	0.0	0.0
12137	-46.9	17.5	201.6	0.0	0.0	0.0	0.0
12199	-46.7	17.5	199.4	0.0	0.0	0.0	0.0
12283	-46.5	17.5	197.2	0.0	0.0	0.0	0.0
12288	-47.3	17.5	197.2	0.0	0.0	0.0	0.0
12391	-47.3	17.5	195.7	0.0	0.0	0.0	0.0
12424	-46.4	17.5	193.9	0.0	0.0	0.0	0.0
12491	-47.5	17.4	191.5	0.0	0.0	0.0	0.0
12665	-47.9	17.5	187.3	0.0	0.0	0.0	0.0
12750	-48.5	17.4	183.7	0.0	0.0	0.0	0.0
12799	-49.1	17.4	181.4	0.0	0.0	0.0	0.0
12865	-49.3	17.5	179.2	0.0	0.0	0.0	0.0
12925	-49.0	17.4	177.7	0.0	0.0	0.0	0.0
13055	-49.9	17.4	175.0	0.0	0.0	0.0	0.0
13051	-49.9	17.4	173.4	0.0	0.0	0.0	0.0
13107	-49.5	17.5	172.2	0.0	0.0	0.0	0.0
13148	-49.0	17.5	171.6	0.0	0.0	0.0	0.0
13211	-50.8	17.5	170.0	0.0	0.0	0.0	0.0
13230	-51.2	17.3	169.4	0.0	0.0	0.0	0.0
13272	-51.8	17.4	167.8	0.0	0.0	0.0	0.0
13323	-51.6	17.3	166.0	0.0	0.0	0.0	0.0
13415	-52.6	17.5	166.0	0.0	0.0	0.0	0.0
13576	-52.5	17.6	160.1	0.0	0.0	0.0	0.0
13669	-54.1	17.6	158.5	0.0	0.0	0.0	0.0

15AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
13695	-54.3	17.7	156.7	0.0	0.0	0.0	0.0
13782	-55.4	17.6	154.9	0.0	0.0	0.0	0.0
13829	-55.9	17.7	153.2	0.0	0.0	0.0	0.0
13937	-56.6	17.5	151.5	0.0	0.0	0.0	0.0
13929	-56.8	17.7	149.5	0.0	0.0	0.0	0.0
14066	-57.3	18.1	147.8	0.0	0.0	0.0	0.0
14080	-57.4	18.2	145.9	0.0	0.0	0.0	0.0
14150	-57.7	18.1	144.5	0.0	0.0	0.0	0.0
14184	-57.8	17.8	143.0	0.0	0.0	0.0	0.0
14239	-57.5	17.9	142.2	0.0	0.0	0.0	0.0
14260	-57.5	17.9	141.7	0.0	0.0	0.0	0.0
14490	-59.4	18.1	139.4	0.0	0.0	0.0	0.0
14634	-59.3	17.9	137.6	0.0	0.0	0.0	0.0
14533	-60.1	18.0	136.8	0.0	0.0	0.0	0.0
14535	-59.8	17.9	135.7	0.0	0.0	0.0	0.0
14579	-58.9	18.1	135.2	0.0	0.0	0.0	0.0
14567	-59.7	18.0	134.1	0.0	0.0	0.0	0.0
14644	-59.8	18.5	133.4	0.0	0.0	0.0	0.0
14643	-60.4	17.7	132.7	0.0	0.0	0.0	0.0
14775	-60.9	18.2	131.7	0.0	0.0	0.0	0.0
14734	-60.5	18.2	130.3	0.0	0.0	0.0	0.0
14884	-61.0	17.9	128.9	0.0	0.0	0.0	0.0
14878	-60.5	18.2	127.3	0.0	0.0	0.0	0.0
14934	-60.0	18.3	126.3	0.0	0.0	0.0	0.0
14991	-59.3	18.2	124.9	0.0	0.0	0.0	0.0
14993	-59.3	18.1	124.1	0.0	0.0	0.0	0.0
15069	-59.3	18.1	123.0	0.0	0.0	0.0	0.0
15108	-59.3	18.1	122.0	0.0	0.0	0.0	0.0
15195	-62.6	18.1	120.7	0.0	0.0	0.0	0.0
15304	-62.2	18.4	119.3	0.0	0.0	0.0	0.0
15332	-62.4	18.4	117.7	0.0	0.0	0.0	0.0
15407	-62.5	18.2	115.9	0.0	0.0	0.0	0.0
15556	-62.9	18.4	114.0	0.0	0.0	0.0	0.0
15589	-64.0	18.4	112.4	0.0	0.0	0.0	0.0
15603	-64.0	18.5	110.8	0.0	0.0	0.0	0.0
15746	-64.2	18.4	109.4	0.0	0.0	0.0	0.0
15970	-63.2	18.5	107.7	0.0	0.0	0.0	0.0
15908	-64.0	18.4	105.3	0.0	0.0	0.0	0.0
15918	-63.1	18.6	104.6	0.0	0.0	0.0	0.0
16008	-62.9	18.7	103.0	0.0	0.0	0.0	0.0
16050	-63.3	18.5	102.4	0.0	0.0	0.0	0.0
16109	-63.9	18.4	101.3	0.0	0.0	0.0	0.0

15AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
16146	-63.3	18.4	100.6	0.0	0.0	0.0	0.0
16200	-65.2	18.5	100.0	0.0	0.0	0.0	0.0
16223	-64.9	18.5	100.0	0.0	0.0	0.0	0.0
16326	-64.8	18.5	98.1	0.0	0.0	0.0	0.0
16432	-63.0	18.3	97.4	0.0	0.0	0.0	0.0
16418	-63.0	18.4	96.6	0.0	0.0	0.0	0.0
16446	-63.0	18.4	96.0	0.0	0.0	0.0	0.0
16477	-66.5	999.9	95.2	0.0	0.0	0.0	0.0
16648	-67.1	18.6	93.0	0.0	0.0	0.0	0.0
16681	-67.5	18.6	91.5	0.0	0.0	0.0	0.0
16736	-66.1	18.6	91.4	0.0	0.0	0.0	0.0
16731	-65.7	18.4	90.6	3.6	0.0	0.0	0.0
16771	-64.6	18.6	89.7	0.0	0.0	0.0	0.0
16818	-65.4	17.9	89.0	3.6	0.0	0.0	0.0
16880	-66.1	18.7	87.2	0.0	0.0	0.0	0.0
17004	-66.1	18.7	86.5	0.0	0.0	0.0	0.0
17086	-66.1	18.7	85.7	0.0	0.0	0.0	0.0
17136	-66.1	18.7	84.9	0.0	0.0	0.0	0.0
17081	-61.6	18.2	85.2	0.0	0.0	0.0	0.0
17134	-62.8	18.5	84.9	0.0	0.0	0.0	0.0
17188	-63.1	999.9	83.3	0.0	0.0	0.0	0.0
17315	-62.0	18.4	81.8	0.0	0.0	0.0	0.0
17383	-64.1	18.5	80.8	0.0	0.0	0.0	0.0
17382	-64.6	18.2	80.3	0.0	0.0	0.0	0.0
17489	-63.6	18.4	79.2	0.0	0.0	0.0	0.0
17498	-64.6	18.2	78.6	0.0	0.0	0.0	0.0
17559	-63.8	18.3	77.7	0.0	0.0	0.0	0.0
17610	-63.8	18.6	77.1	0.0	0.0	0.0	0.0
17669	-63.8	18.8	76.1	0.0	0.0	0.0	0.0
17643	-65.4	18.0	75.5	0.0	0.0	0.0	0.0
17727	-64.5	17.9	74.4	0.0	0.0	0.0	0.0
17786	-65.6	18.2	73.8	0.0	0.0	0.0	0.0
17838	-63.3	18.5	73.7	0.0	0.0	0.0	0.0
18018	-63.3	18.5	72.7	0.0	0.0	0.0	0.0
18130	-61.3	18.3	69.5	3.6	0.0	0.0	0.0
18142	-61.4	18.4	68.9	0.0	0.0	0.0	0.0
18251	-61.1	18.1	68.7	0.0	0.0	0.0	0.0
18235	-61.1	18.3	68.0	0.0	0.0	0.0	0.0
18263	-60.8	18.2	67.5	0.0	0.0	0.0	0.0
18358	-60.5	18.2	67.0	0.0	0.0	0.0	0.0
18356	-60.7	18.2	66.4	0.0	0.0	0.0	0.0
18396	-59.6	18.3	65.9	0.0	0.0	0.0	0.0

15AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
18448	-60.4	17.7	65.5	0.0	0.0	0.0	0.0
18525	-60.9	18.1	64.7	0.0	0.0	0.0	0.0
18522	-60.5	18.0	64.4	0.0	0.0	0.0	0.0
18591	-60.9	18.0	63.7	0.0	0.0	0.0	0.0
18638	-60.6	18.0	62.7	0.0	0.0	0.0	0.0
18770	-58.3	18.0	62.3	0.0	0.0	0.0	0.0
18818	-59.3	18.1	61.7	0.0	0.0	0.0	0.0
18902	-57.5	17.9	60.8	0.0	0.0	0.0	0.0
18890	-58.2	17.9	60.4	0.0	0.0	0.0	0.0
18978	-58.6	17.9	59.9	0.0	0.0	0.0	0.0
18937	-59.2	17.9	59.5	0.0	0.0	0.0	0.0
19017	-59.2	17.9	59.1	3.6	0.0	0.0	0.0
19047	-58.4	17.8	58.5	0.0	0.0	0.0	0.0
19057	-58.5	17.6	58.0	0.0	0.0	0.0	0.0
19151	-58.3	17.8	57.6	0.0	0.0	0.0	0.0
19152	-59.4	17.8	57.3	0.0	0.0	0.0	0.0
19243	-57.9	17.9	56.2	0.0	0.0	0.0	0.0
19292	-57.9	18.0	55.8	0.0	0.0	0.0	0.0
19324	-56.2	17.7	55.8	0.0	0.0	0.0	0.0
19320	-56.2	17.8	55.6	0.0	0.0	0.0	0.0
19387	-54.3	17.8	55.3	0.0	0.0	0.0	0.0
19418	-55.1	17.5	54.9	0.0	0.0	0.0	0.0
19460	-54.1	17.7	54.5	0.0	0.0	0.0	0.0
19477	-52.3	17.8	54.1	3.8	0.0	0.0	0.0
19507	-52.3	17.6	53.3	0.0	0.0	0.0	0.0
19592	-53.2	17.5	53.1	3.5	0.0	0.0	0.0
19653	-53.2	17.5	52.7	0.0	0.0	0.0	0.0
19677	-53.2	17.5	52.1	3.5	0.0	0.0	0.0
19698	-53.8	17.6	51.8	0.0	0.0	0.0	0.0
19820	-53.6	17.5	51.1	0.0	0.0	0.0	0.0
19812	-52.8	17.6	50.8	0.0	0.0	0.0	0.0
19843	-54.4	17.5	50.5	0.0	0.0	0.0	0.0
19906	-53.9	17.5	50.0	3.5	0.0	0.0	0.0
19925	-54.0	17.5	49.5	0.0	0.0	0.0	0.0
19972	-55.4	17.4	49.5	0.0	0.0	0.0	0.0
20027	-55.4	17.3	49.3	0.0	0.0	0.0	0.0
19999	-55.5	17.4	48.8	0.0	0.0	0.0	0.0
20083	-56.7	17.2	48.5	0.0	0.0	0.0	0.0
20077	-57.2	17.5	48.0	0.0	0.0	0.0	0.0
20179	-56.2	17.4	47.7	0.0	0.0	0.0	0.0
20262	-56.6	17.3	46.4	0.0	0.0	0.0	0.0
20253	-54.9	17.3	46.7	0.0	0.0	0.0	0.0

15AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
20376	-55.2	17.7	46.0	3.6	0.0	0.0	0.0
20379	-53.7	17.4	45.6	0.0	0.0	0.0	0.0
20364	-53.7	17.4	45.2	0.0	0.0	0.0	0.0
20469	-54.2	17.5	44.7	0.0	0.0	0.0	0.0
20605	-54.2	17.5	44.3	0.0	0.0	0.0	0.0
20568	-54.9	17.4	44.1	0.0	0.0	0.0	0.0
20554	-56.2	17.1	43.8	0.0	0.0	0.0	0.0
20639	-55.4	17.3	43.7	0.0	0.0	0.0	0.0
20727	-55.7	17.3	43.4	0.0	0.0	0.0	0.0
20736	-55.7	17.4	42.9	0.0	0.0	0.0	0.0
20729	-56.1	17.3	42.7	0.0	0.0	0.0	0.0
20806	-55.3	17.4	42.2	0.0	0.0	0.0	0.0
20881	-55.6	17.3	41.9	0.0	0.0	0.0	0.0
20922	-55.0	17.5	40.9	0.0	0.0	0.0	0.0
21017	-55.7	17.2	40.6	0.0	0.0	0.0	0.0
21013	-54.9	17.2	40.2	0.0	0.0	0.0	0.0
21009	-56.6	17.2	40.1	0.0	0.0	0.0	0.0
21051	-55.3	17.4	39.6	0.0	0.0	0.0	0.0
21131	-56.0	17.3	39.4	0.0	0.0	0.0	0.0
21201	-53.9	17.2	39.0	0.0	0.0	0.0	0.0
21183	-54.6	17.3	38.7	10.4	0.0	0.0	0.0
21198	-55.1	17.4	38.3	0.0	0.0	0.0	0.0
21289	-53.7	17.3	38.1	0.0	0.0	0.0	0.0
21245	-54.2	17.4	37.8	0.0	0.0	0.0	0.0
21425	-53.9	17.5	37.8	0.0	0.0	0.0	0.0
21391	-53.9	17.2	37.5	0.0	0.0	0.0	0.0
21351	-53.2	17.3	37.1	0.0	0.0	0.0	0.0
21584	-55.2	17.3	36.6	0.0	0.0	0.0	0.0
21601	-55.6	17.2	36.2	0.0	0.0	0.0	0.0
21588	-55.7	17.3	35.8	0.0	0.0	0.0	0.0
21636	-55.3	17.1	35.7	0.0	0.0	0.0	0.0
21751	-55.6	17.2	35.2	0.0	0.0	0.0	0.0
21762	-54.8	17.2	34.8	0.0	0.0	0.0	0.0
21774	-54.8	17.3	34.6	0.0	0.0	0.0	0.0
21872	-54.2	17.2	34.2	0.0	0.0	0.0	0.0
21880	-54.2	17.2	34.0	0.0	0.0	0.0	0.0
21942	-52.5	17.3	33.7	0.0	0.0	0.0	0.0
21961	-53.9	17.3	33.4	0.0	0.0	0.0	0.0
22000	-54.1	16.9	33.1	0.0	0.0	0.0	0.0
22042	-54.7	17.1	32.8	0.0	0.0	0.0	0.0
22097	-54.7	17.0	32.4	0.0	0.0	0.0	0.0
22109	-54.7	17.0	32.4	0.0	0.0	0.0	0.0

15AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
22189	-53.4	17.0	32.1	0.0	0.0	0.0	0.0
22277	-51.0	16.8	31.9	0.0	0.0	0.0	0.0
22247	-49.4	16.8	31.2	0.0	0.0	0.0	0.0
22356	-49.2	16.9	31.2	0.0	0.0	0.0	0.0
22412	-49.8	17.0	30.8	0.0	0.0	0.0	0.0
22431	-50.4	16.9	30.5	0.0	0.0	0.0	0.0
22394	-51.0	16.9	30.4	0.0	0.0	0.0	0.0
22478	-49.2	16.2	30.1	0.0	0.0	0.0	0.0
22600	-49.8	16.9	29.7	0.0	0.0	0.0	0.0
22614	-49.0	16.8	29.5	0.0	0.0	0.0	0.0
22589	-48.6	16.8	29.4	0.0	0.0	0.0	0.0
22689	-50.1	16.8	28.9	0.0	0.0	0.0	0.0
22759	-50.4	16.8	28.7	3.4	0.0	0.0	0.0
22755	-50.5	16.7	28.4	0.0	0.0	0.0	0.0
22809	-50.2	16.7	28.2	0.0	0.0	0.0	0.0
22899	-51.4	16.7	28.2	0.0	0.0	0.0	0.0
22899	-51.4	16.6	27.9	0.0	0.0	0.0	0.0
22901	-49.0	16.7	27.7	0.0	0.0	0.0	0.0
22930	-49.0	16.7	27.5	0.0	0.0	0.0	0.0
23080	-49.7	16.7	26.9	0.0	0.0	0.0	0.0
23059	-49.0	16.7	26.7	0.0	0.0	0.0	0.0
23123	-48.5	16.7	26.5	0.0	0.0	0.0	0.0
23188	-48.4	16.6	26.1	0.0	0.0	0.0	0.0
23243	-48.0	16.6	26.1	3.5	0.0	0.0	0.0
23257	-46.9	16.5	25.6	0.0	0.0	0.0	0.0
23343	-47.6	16.4	25.2	0.0	0.0	0.0	0.0
23404	-47.6	16.5	25.1	0.0	0.0	0.0	0.0
23425	-49.3	16.5	24.9	0.0	0.0	0.0	0.0
23433	-49.8	16.6	24.6	0.0	0.0	0.0	0.0
23515	-50.0	16.4	24.3	0.0	0.0	0.0	0.0
23563	-50.8	16.4	24.2	0.0	0.0	0.0	0.0
23575	-48.9	16.6	24.1	0.0	0.0	0.0	0.0
23577	-49.2	16.5	24.0	0.0	0.0	0.0	0.0
23652	-49.2	16.5	23.7	0.0	0.0	0.0	0.0
23699	-48.5	16.6	23.7	0.0	0.0	0.0	0.0
23702	-46.9	16.6	23.4	0.0	0.0	0.0	0.0
23892	-47.0	16.3	22.9	0.0	0.0	0.0	0.0
23905	-48.1	16.4	22.4	0.0	0.0	0.0	0.0
23938	-45.9	16.4	22.2	0.0	0.0	0.0	0.0
23973	-47.5	16.4	22.2	0.0	0.0	0.0	0.0
23941	-46.5	16.4	22.0	0.0	0.0	0.0	0.0
24014	-47.7	16.4	21.7	0.0	0.0	0.0	0.0

15AUG88

altitude metres	temp deg C	rel hum %	pressure mb	5-13um counts/l	13-26um counts/l	26-50um counts/l	>50um counts/l
24118	-47.6	16.3	21.6	0.0	0.0	0.0	0.0
24123	-47.8	16.4	21.3	0.0	0.0	0.0	0.0
24191	-47.9	16.4	21.0	0.0	0.0	0.0	0.0
24241	-47.6	16.4	20.8	0.0	0.0	0.0	0.0
24256	-47.4	16.3	20.6	0.0	0.0	0.0	0.0
24300	-46.2	15.3	20.6	0.0	0.0	0.0	0.0
24312	-47.8	15.2	20.6	0.0	0.0	0.0	0.0
24390	-46.5	16.4	20.4	0.0	0.0	0.0	0.0
24581	-46.3	16.2	19.7	0.0	0.0	0.0	0.0
24572	-47.9	16.0	19.5	0.0	0.0	0.0	0.0
24529	-45.6	16.3	19.1	0.0	0.0	0.0	0.0
24642	-46.8	16.3	18.9	0.0	0.0	0.0	0.0
24759	-44.5	16.5	18.7	0.0	0.0	0.0	0.0
24762	-44.9	16.2	18.7	0.0	0.0	0.0	0.0
24713	-45.1	18.1	18.2	0.0	0.0	0.0	0.0
24837	-44.3	16.2	18.2	0.0	3.5	0.0	0.0
24931	-45.1	16.2	18.1	0.0	0.0	0.0	0.0
24931	-44.4	16.1	18.0	0.0	0.0	0.0	0.0
24959	-44.4	16.3	17.7	0.0	0.0	0.0	0.0
24999	-44.4	16.3	14.4	0.0	0.0	0.0	0.0
25072	-46.1	16.1	17.0	0.0	0.0	0.0	0.0
25163	-45.7	16.2	17.0	0.0	0.0	0.0	0.0
25241	-45.7	16.3	17.0	0.0	0.0	0.0	0.0
25240	-45.0	16.2	16.6	0.0	0.0	0.0	0.0
25228	-45.0	16.1	16.5	0.0	3.6	0.0	0.0
25329	-46.6	16.1	16.4	0.0	0.0	0.0	0.0
25416	-44.9	16.1	16.3	0.0	0.0	0.0	0.0
25418	-46.6	15.9	16.2	0.0	0.0	0.0	0.0
25363	-44.8	16.1	16.0	0.0	0.0	0.0	0.0
25510	-45.1	16.1	15.9	0.0	0.0	0.0	0.0
25541	-43.1	16.0	15.7	0.0	0.0	0.0	0.0
25552	-43.1	16.2	15.6	0.0	0.0	0.0	0.0
25550	-44.2	16.0	15.3	0.0	0.0	0.0	0.0
25628	-44.2	15.8	15.0	0.0	0.0	0.0	0.0
25747	-44.5	16.0	14.9	0.0	0.0	0.0	0.0
25813	-45.6	15.9	14.5	0.0	0.0	0.0	0.0
25830	-43.6	15.9	14.5	0.0	0.0	0.0	0.0
25870	-44.8	16.1	14.1	0.0	0.0	0.0	0.0
25904	-44.6	16.0	14.1	0.0	0.0	0.0	0.0
25920	-44.6	16.0	14.2	0.0	0.0	0.0	0.0
25987	-44.6	16.0	14.2	0.0	0.0	0.0	0.0
26004	-45.8	15.9	13.8	0.0	0.0	0.0	0.0
26067	-45.2	16.0	13.8	0.0	0.0	0.0	0.0
26078	-45.5	16.0	13.6	0.0	0.0	0.0	0.0
26100	-45.6	16.0	13.4	0.0	0.0	0.0	0.0
26218	-44.2	15.8	13.4	0.0	0.0	0.0	0.0
26247	-41.2	16.1	13.0	0.0	0.0	0.0	0.0

26274	-41.2	16.0	13.0	0.0	0.0	0.0	0.0
26290	-42.6	16.0	12.9	0.0	0.0	0.0	0.0
26356	-42.6	16.0	12.7	0.0	0.0	0.0	0.0
26372	-43.3	15.8	12.6	0.0	0.0	0.0	0.0
26376	-42.0	15.9	12.6	0.0	0.0	0.0	0.0
26410	-42.1	15.9	12.6	0.0	0.0	0.0	0.0
26777	-41.8	15.8	12.6	0.0	0.0	0.0	0.0

END

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12 / 11 / 90