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Meteorological data for Lochnagar 1996-2000

A summary report

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May 2001

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26 Bedford Way, London, WC1H 0AP*

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Introduction

Over the last decade Lochnagar has become an important part of both national and international monitoring networks and research programmes. The site experiences some of the harshest conditions in the UK and, because of its altitude and underlying geology, it is particularly sensitive to atmospherically deposited pollutants. Further, prevailing south-westerly winds carry pollutants to the site from the main industrial centres of the UK.

In 1988, Lochnagar was selected as one of the sites in the newly established Acid Waters Monitoring Network (AWMN) and chemical and biological data from the site have since contributed to both national (Environmental Change Network) and international (UNECE International Co-operative Programme for Assessment and Monitoring of Acidification and Rivers and Lakes) monitoring networks. The loch has since become one of the flag-ship sites in the EU funded European mountain lakes research programmes AL:PE and AL:PE II (1991 – 1996), MOLAR (1997 – 1999) and more recently EMERGE (2000 – 2003).

A small automatic weather station (AWS) was established at Lochnagar in late August 1996 as part of the EU-MOLAR project and except for a period of power failure, meteorological data have been collected continuously since this time. These data have been used for a variety of tasks over the course of the MOLAR and EMERGE projects and include:

- The reconstruction of monthly mean temperature back to 1781 for ice cover studies relating to climate change impact (Prof. Roy Thompson, University of Edinburgh).
- The interpretation of pollutant data, for example the calculation of deposition fluxes for metals and fly-ash particles (ECRC, UCL)
- The modelling of catchment hydrology (ECRC, UCL)

Site characteristics

Lochnagar is a corrie loch and lies at an altitude of 785 m below a north-east facing, steep backwall that rises to the 1135 m summit of the same name. The loch is in the centre of the granitic massif that comprises much of Balmoral Forest. No distinguishable inflows feed the loch but it drains to the north-east through a series of small pools to the Lochnagar Burn that feeds the Gelder Burn, a south-bank tributary of the River Dee. The geology is composed of biotite granite overlain in places by blanket peat. Certain areas of this peat notably along the eastern shore are severely eroded. The AWS is located to the north-east of the loch approximately 10 m above and 50 m from the loch shore.

Table 1. *Lochnagar site characteristics*

National Grid Reference	NO 252 859
Latitude & Longitude	56° 57' 29" N; 3° 13' 5" W
Lake altitude	785 m
Lake area	9.8 ha
Catchment area (excl. lake)	91.9 ha
Catchment: lake ratio	9.37
Catchment geology	Granite
Catchment soils	Peats – c. 50% cover
Catchment vegetation	Alpine - moorland 100%
Net relief	370 m

Meteorological parameters

The AWS and all sensors sited at Lochnagar are made, or supplied by Delta-T Devices Ltd of Cambridge, UK. Data are logged on a Delta-T DL2e logger and downloaded every few months via a laptop computer. The specifications for the instruments used at the site are as follows (Data from Delta-T manual, with specific calibrations for individual sensors):

Air temperature

Delta-T sensor TM1. Accuracy = $\pm 0.1^\circ\text{C}$ over the range $0 - 80^\circ\text{C}$ and $\pm 0.13^\circ\text{C}$ at -20°C . Drift is typically $< 0.02^\circ\text{C}$ per 8 years.

Wind speed

Delta-T anemometer AN1. Threshold: 0.2 m/s. Maximum speed: 75 m/s. Linearity: 2%. Accuracy: 1% at ± 0.1 m/s. Calibration: 0.795 revolutions Hz/m/s. Temperature range: $-30 - +55^\circ\text{C}$.

Wind direction

Delta-T wind vane WD1. Accuracy: ± 2 degrees in steady winds over 5 m/s. Resolution: 0.2 degrees. Maximum speed: 75 m/s. Temperature range $-50 - +70^\circ\text{C}$. Life: 5×10^7 cycles, equivalent to 10 year's typical exposure.

Relative humidity

Delta-T sensor RH1. Operating temperature: -30°C to 70°C . Sensitivity: typically pF/%RH between 10 and 75% RH. Time response: typically 10s between 10 - 75% RH. Linearity deviation: typically 2.5% RH between 10 - 90% RH, cancelled in electronics to give a linear output. Accuracy: $< \pm 2\%$.

Air pressure

Delta-T barometric pressure sensor BS4. Pressure range: 600 - 1060 hPa (mbar). Temperature range: -40°C to 60°C . Linearity: ± 0.45 hPa. Accuracy at 20°C : ± 0.5 hPa; $0 - 40^\circ\text{C} = \pm 2$ hPa; $-20^\circ\text{C} - 40^\circ\text{C} = 4$ hPa. Resolution: 0.1 hPa.

Rainfall

Delta-T Tipping bucket rain gauge RG1. Funnel diameter: 254mm. 0.200mm rain per tip, individually calibrated. Accuracy: at least as good as UK Meteorological Office raingauge when mounted identically.

Solar radiation

Delta-T Dome solarimeter GS1. Sensitivity: ($\pm 0.5\%$ at 20°C and 500 W/m^2) = 22.83×10^{-6} V per W/m^2 . Spectral range (50% points): 305 - 2800 nm. Long term stability: $< 1\%$ per year. Non-linearity: $\pm 2.5\%$ below 1000 W/m^2 . Operating temperature: $-40 - +80^\circ\text{C}$.

Net radiation

Delta-T net radiometer NR2 comprising a thermopile sensor exposed to both downward and upward fluxes of radiation. Sensitivity: (positive outputs, zero wind) $0.108 \text{ mV}/(\text{W/m}^2)$; (negative outputs, zero wind) $0.0897 \text{ mV}/(\text{W/m}^2)$. Spectral response: $0.25 - 60 \mu\text{m}$.

The meteorological parameters measured from August 1996 were air temperature, air pressure, wind speed and direction, relative humidity and rainfall. Net radiation and solarimeter sensors were added in August 2000 as part of the EU EMERGE project. Readings of air temperature, air pressure and relative humidity are taken every 30 minutes, whilst wind speed and direction are recorded as 30 minute averages. Rainfall is recorded daily. Measurements were taken throughout the period except for May 5th - August 23rd 2000 following an AWS logger power failure. This fault was caused by an electrical short in the barometer, which was removed for repair. Therefore, no further air pressure readings were

possible for 2000 after May 5th. The barometer will be re-installed in 2001. Apart from this all measurements are ongoing.

Data

Aside from the data lost as a result of the power failure, no data have been excluded from this report. However, data considered of doubtful quality are italicised. For example:

- Relative humidities > 100% or < 0%. The frequency of values exceeding 100% was found to increase through 1999 and the sensor was removed in May 2000 for re-calibration. Following its re-installation no humidity measurements >100% were recorded (August – December 2000). One value <0% was recorded following re-calibration, in September 2000.
- Wind speed of 0 m/s where air temperature is < 0 °C. Not necessarily an error, but these data should be treated with caution. Ice formation on the anemometer can stop it from turning freely and wind speeds can be reduced or even stopped at these times.
- Rainfall when air temperature < 0 °C. These data have not been highlighted as this is a rain measurement rather than a precipitation measurement. In winter, regular snow depth measurements are taken in order to try and estimate snow-fall at the site.

This report

This report summarises the meteorological data collected from the AWS from September 1996 (the first full month of data) through to December 2000. The report is in three sections.

Section 1 deals with daily summary data and includes mean, minimum and maximum values for each measured parameter (except wind direction), together a daily rainfall amount.

Following these tables the daily data are shown graphically for each year, with mean, minimum and maximum of air temperature and wind speed shown on a single figure for each calendar year. This is followed by annual graphs for daily rainfall, relative humidity and air pressure.

Section 2 is concerned with monthly data. Monthly figures (mean, minimum and maximum) for each parameter are given together with a monthly total rainfall and a count of the number of days on which rain fell. This is followed by monthly wind direction data, shown as a series of wind roses. Wind direction is given as a percentage frequency. Each calendar year is presented on a single page.

Section 3 finally, and briefly, gives annual summaries for each parameter for 1997 – 2000 with the caveat that data from 2000 are incomplete due to the power failure in the logger.

Acknowledgements

I would like to thank the Balmoral Estate Office for their support and facilitation of access to Lochnagar. I am also grateful to Jo Porter for his regular site visits and to members of the ECRC, especially Don Monteith and Ewan Shilland, for field-work support. The work has been funded from various sources. These include the EU – MOLAR and EMERGE projects (Contract No.'s ENV4-CT95-0007 and EVK1-CT-1999-00032 respectively) and the Department of the Environment Transport and the Region's project Critical Loads of Acidity and Metals (CLAM) (Contract No. EPG 1/3/117). Finally, I would like to thank the Technical Support team at Delta-T Ltd and in particular Mr Edmund Potter for his simple and clear advice – invaluable on a wind and rainswept mountain!

SECTION 1.

DAILY DATA

Comprising: **Monthly tables of daily summary data:**

Wind speed: daily mean, daily maximum and daily minimum
Air temperature: daily mean, daily maximum and daily minimum
Relative Humidity: daily mean, daily maximum and daily minimum
Air pressure: daily mean, daily maximum and daily minimum
Rainfall: daily total.

And for August – December 2000

Solar radiation: daily mean, daily maximum and daily minimum
Net radiation: daily mean, daily maximum and daily minimum

Annual (calendar year) figures of daily summary data

Lochnagar: Daily summary data: September 1996

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/09/96	5.40	1.83	8.76	10.15	6.86	14.14	79.43	68.29	87.87	929.8	927.4	932.5	0.2
02/09/96	3.76	0.18	8.27	15.04	13.08	19.15	84.10	67.78	94.85	932.9	929.3	935.7	11.4
03/09/96	1.60	0.25	3.74	14.07	12.53	16.43	89.84	80.51	95.17	936.1	935.0	937.0	0.2
04/09/96	0.75	0.16	1.66	13.45	11.38	17.77	87.26	68.67	95.74	936.9	936.3	937.6	0.6
05/09/96	0.76	0.12	1.78	10.20	6.94	13.49	89.06	81.92	94.34	934.6	933.1	936.3	0.0
06/09/96	0.98	0.26	2.16	10.39	6.07	14.88	61.05	32.34	94.02	932.1	931.8	933.1	0.0
07/09/96	0.97	0.01	2.20	10.89	7.96	14.21	57.88	29.68	92.61	935.4	933.1	938.9	0.0
08/09/96	2.52	0.38	4.30	9.78	6.83	14.08	78.21	59.07	93.70	939.8	938.9	940.8	0.0
09/09/96	3.25	0.66	6.21	6.92	4.62	8.32	85.85	70.85	93.31	938.6	935.7	940.2	0.2
10/09/96	3.61	2.10	5.40	7.77	5.38	10.66	82.54	70.14	90.94	932.6	929.9	935.0	0.0
11/09/96	4.20	1.71	7.42	8.08	4.98	9.84	82.94	79.23	87.87	923.5	920.3	929.3	0.4
12/09/96	5.69	4.04	7.65	4.13	2.77	5.81	84.51	71.36	92.99	923.7	921.0	926.1	1.6
13/09/96	2.19	0.21	5.73	5.58	2.12	11.51	78.73	57.79	88.51	928.0	926.1	929.9	0.8
14/09/96	1.63	0.29	4.81	9.29	5.25	11.51	76.98	62.59	88.38	929.4	928.6	929.9	0.0
15/09/96	2.19	0.84	4.14	10.20	8.67	12.86	75.97	68.74	83.52	929.8	929.3	930.6	0.0
16/09/96	4.52	2.23	6.06	10.34	8.25	12.65	70.69	38.14	87.04	928.9	928.0	929.9	0.0
17/09/96	5.48	3.22	7.57	8.07	6.48	10.55	84.01	76.42	95.36	929.3	928.6	930.6	0.0
18/09/96	3.49	1.62	6.15	6.81	5.63	9.47	81.28	73.22	88.00	931.9	929.9	933.1	0.0
19/09/96	2.05	0.72	4.03	6.91	4.82	10.90	80.30	64.96	88.83	930.5	928.0	933.1	0.0
20/09/96	2.72	1.29	4.31	6.34	4.99	7.58	86.45	77.70	91.52	925.8	924.2	928.0	0.0
21/09/96	1.88	0.46	2.90	6.62	5.43	8.28	87.01	75.39	91.84	926.9	925.4	928.0	1.0
22/09/96	1.58	0.23	4.70	5.55	4.47	7.93	83.12	68.61	89.47	925.2	921.6	928.0	0.0
23/09/96	3.54	2.04	5.87	5.63	4.54	7.09	72.02	61.95	84.42	918.1	916.5	921.6	0.0
24/09/96	4.54	3.27	6.05	6.67	4.97	7.94	94.97	77.63	98.62	911.7	908.8	916.5	1.6
25/09/96	4.43	2.73	6.12	7.98	7.05	9.59	87.40	78.40	98.62	911.3	907.5	915.2	14.0
26/09/96	5.71	3.68	7.97	7.96	6.94	9.86	91.12	79.62	97.54	906.3	898.6	915.2	2.6
27/09/96	4.42	2.60	6.76	5.97	3.57	8.16	77.52	64.38	83.90	907.0	900.5	910.1	21.2
28/09/96	4.79	3.26	6.28	5.94	4.33	7.71	81.74	72.70	95.30	911.8	903.7	915.2	5.0
29/09/96	5.18	3.38	8.37	6.61	4.16	10.36	77.55	64.19	92.10	904.6	898.6	906.9	26.6
30/09/96	4.72	1.52	7.81	5.32	3.95	7.55	78.88	69.82	86.72	907.5	904.3	911.4	2.0

Lochnagar: Daily summary data: October 1996

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/10/96	2.60	1.04	5.23	4.98	3.03	7.88	76.01	63.17	85.76	912.2	910.7	916.5	0.6
02/10/96	3.18	1.46	7.67	5.03	2.90	7.23	80.71	65.54	92.03	921.2	917.1	924.2	0
03/10/96	6.05	3.83	8.69	6.26	2.22	9.69	86.08	75.84	93.44	909.9	906.9	917.1	6
04/10/96	5.41	4.19	8.09	3.25	2.21	4.47	81.95	77.50	86.66	907.2	903.0	915.2	15.2
05/10/96	5.22	3.62	7.11	4.27	2.36	7.52	80.31	70.98	87.17	921.1	915.2	924.2	3.4
06/10/96	6.26	4.13	9.72	10.06	7.11	12.98	81.63	66.94	88.26	920.0	917.8	922.2	2.4
07/10/96	4.47	1.81	7.43	8.93	3.54	12.46	82.45	71.04	91.65	920.6	917.1	926.1	0.4
08/10/96	5.02	3.23	7.46	4.83	3.21	6.23	76.46	67.84	81.98	924.8	921.0	926.7	5.4
09/10/96	4.89	3.41	7.70	4.52	2.60	6.89	79.10	70.40	85.82	923.5	919.7	927.4	0.2
10/10/96	3.33	1.25	6.73	3.74	2.43	5.15	75.94	65.54	84.16	927.7	924.2	929.3	0.6
11/10/96	6.66	5.34	8.71	5.46	3.27	8.69	89.59	80.00	96.38	912.8	905.6	924.2	0
12/10/96	2.35	0.41	6.25	7.44	4.60	9.45	92.14	86.14	95.30	907.9	905.6	911.4	18.4
13/10/96	2.94	0.65	5.40	7.17	5.06	8.78	97.17	95.36	98.37	909.9	909.4	911.4	17.2
14/10/96	3.85	2.59	5.28	8.41	7.88	9.00	98.12	91.26	98.82	907.5	905.6	908.8	0.4
15/10/96	3.84	2.31	5.56	5.82	1.73	9.05	88.90	81.66	97.86	902.4	900.5	905.6	24
16/10/96	4.37	2.85	6.39	2.08	0.69	3.51	91.32	84.22	96.00	903.5	901.8	906.2	9
17/10/96	4.52	3.51	5.86	3.49	2.28	4.57	83.25	78.91	87.49	909.2	906.2	910.7	11.8
18/10/96	5.12	2.97	8.56	4.58	2.93	6.98	90.37	80.77	97.22	901.7	897.9	906.9	1.6
19/10/96	7.02	3.73	11.49	4.64	3.61	5.96	77.48	71.10	83.14	910.2	899.2	919.0	6.8
20/10/96	4.44	2.98	6.74	8.66	6.07	10.16	87.96	69.63	97.86	915.0	910.1	919.7	0.2
21/10/96	4.62	1.84	8.22	5.31	4.38	6.51	78.97	71.36	87.74	920.8	913.3	926.7	4.4
22/10/96	5.13	2.06	7.91	6.85	4.49	11.00	81.75	41.41	98.75	923.8	921.6	926.1	0.4
23/10/96	5.10	3.61	6.80	10.02	9.24	10.84	92.93	66.62	100.03	920.6	918.4	921.6	2.6
24/10/96	4.99	3.05	7.10	9.35	8.30	10.36	90.58	65.79	99.65	916.6	913.3	918.4	0.4
25/10/96	5.29	2.56	6.92	6.76	4.20	9.80	87.84	82.11	98.62	911.5	909.4	913.9	51.4
26/10/96	3.23	0.30	5.61	3.78	2.60	4.83	87.36	76.99	95.30	912.4	910.1	914.6	10.2
27/10/96	4.28	2.19	6.98	5.51	3.45	7.35	88.13	80.83	96.45	901.6	896.0	911.4	35
28/10/96	2.89	0.47	6.25	3.55	1.74	5.26	95.40	88.51	96.77	899.0	894.7	905.6	4.6
29/10/96	6.12	3.01	10.19	-0.05	-0.84	1.42	82.72	70.59	96.32	915.4	902.4	922.9	34.4
30/10/96	4.08	2.80	5.95	4.06	1.39	5.43	84.85	77.82	88.58	919.6	917.1	922.2	0.6
31/10/96	5.48	4.13	7.37	6.25	3.03	9.00	89.05	78.40	96.90	908.7	903.7	917.1	6.4

Lochnagar: Daily summary data: November 1996

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/11/96	6.91	4.00	9.50	6.00	2.01	11.29	83.13	75.14	90.94	913.3	908.2	918.4	2.8
02/11/96	6.25	4.84	7.60	8.68	7.93	9.89	82.57	75.01	87.87	908.6	906.9	910.1	3.8
03/11/96	6.66	4.52	8.28	6.63	3.66	9.30	82.56	77.18	88.19	902.5	899.8	906.9	6.6
04/11/96	3.88	0.29	6.02	4.03	2.75	5.34	87.71	78.72	95.87	894.3	890.2	905.0	11.4
05/11/96	4.78	1.38	10.46	0.23	-1.42	2.88	86.76	80.83	93.76	900.1	888.3	907.5	17.4
06/11/96	6.54	1.95	12.64	0.96	-2.34	4.38	86.53	78.46	91.39	887.0	871.0	899.8	24.0
07/11/96	3.01	1.99	3.97	-2.13	-2.79	-1.07	78.17	73.28	83.58	908.9	900.5	916.5	16.4
08/11/96	4.73	3.11	7.03	-0.34	-2.24	1.42	81.56	73.47	91.58	915.4	913.3	918.4	0.0
09/11/96	4.06	1.08	5.91	-1.15	-2.77	0.18	64.58	19.45	91.58	920.7	913.3	924.8	1.8
10/11/96	2.55	0.28	4.98	-0.81	-2.99	0.82	73.64	57.86	83.14	914.9	912.0	921.0	0.0
11/11/96	2.12	0.31	4.37	-1.85	-3.68	-0.46	82.20	60.93	93.44	916.0	912.0	921.0	0.0
12/11/96	3.84	1.90	5.25	-1.17	-2.25	0.24	89.32	76.61	92.99	920.9	919.7	921.6	0.0
13/11/96	4.00	1.76	6.06	0.37	-1.49	3.50	85.47	78.21	92.16	922.0	919.7	923.5	0.0
14/11/96	2.79	0.71	7.59	7.94	3.54	10.39	79.34	57.73	89.54	925.0	921.6	928.0	9.4
15/11/96	1.98	0.58	4.44	6.74	3.82	8.85	86.87	80.06	92.10	928.0	927.4	929.3	0.4
16/11/96	5.24	0.54	8.78	4.69	0.42	6.64	87.13	75.71	95.30	920.7	912.6	929.3	1.8
17/11/96	3.71	2.00	5.42	-2.27	-4.03	0.29	85.39	73.60	92.35	917.1	916.5	918.4	1.2
18/11/96	1.65	0.27	4.36	-4.46	-5.28	-3.87	72.89	64.19	87.10	913.2	907.5	916.5	0.0
19/11/96	2.00	0.75	4.32	-4.39	-5.14	-3.84	83.96	69.44	89.34	900.4	896.6	907.5	0.0
20/11/96	3.45	1.95	5.10	-3.89	-5.62	-3.16	87.74	84.86	88.70	900.5	896.6	906.2	0.0
21/11/96	2.56	0.07	5.57	-3.27	-4.74	-1.87	81.43	72.64	88.19	906.3	905.6	906.9	0.0
22/11/96	3.00	1.12	4.60	-4.13	-5.19	-3.28	72.48	63.68	80.38	906.9	905.0	909.4	0.0
23/11/96	4.35	1.77	7.74	-3.02	-5.09	-1.93	83.18	75.52	90.18	912.3	908.2	920.3	0.0
24/11/96	4.32	0.63	10.28	-2.15	-3.51	-0.75	77.35	49.86	88.13	912.0	901.8	921.0	0.0
25/11/96	4.37	0.17	7.14	-1.73	-3.72	-0.87	91.16	88.51	92.42	908.8	901.8	919.0	0.0
26/11/96	0.33	0.00	4.00	-3.89	-5.72	-2.74	86.36	76.67	89.15	921.4	919.0	922.9	0.0
27/11/96	2.21	0.00	6.45	-1.83	-2.65	-1.17	80.11	67.65	90.30	919.4	917.8	921.6	0.0
28/11/96	5.83	2.17	9.25	-1.40	-2.35	-0.58	84.95	76.10	92.10	916.7	900.5	922.2	0.0
29/11/96	5.02	3.55	7.05	-0.85	-1.70	0.47	82.88	79.81	88.83	898.0	894.1	901.8	0.0
30/11/96	4.95	0.67	8.93	0.23	-0.73	1.11	89.55	75.58	94.21	908.5	893.4	917.1	0.0

Lochnagar: Daily summary data: December 1996

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/12/1996	7.28	4.76	9.94	1.50	-0.71	4.06	80.56	62.72	91.90	905.1	901.1	914.6	2.0
02/12/1996	7.78	5.21	10.24	-0.01	-1.23	1.03	82.74	70.85	88.51	904.5	899.2	908.2	9.4
03/12/1996	3.91	0.73	7.87	-2.10	-3.28	-0.40	78.12	55.30	89.86	897.5	886.4	906.9	1.2
04/12/1996	7.70	5.30	10.73	-1.12	-2.10	-0.47	91.62	89.86	92.61	894.8	885.8	909.4	0.0
05/12/1996	2.55	0.47	5.97	-3.86	-5.74	-1.28	88.30	85.38	92.35	917.9	910.1	922.2	0.0
06/12/1996	3.79	0.67	6.99	-2.57	-5.48	0.60	69.57	28.96	88.58	923.9	921.6	925.4	0.0
07/12/1996	8.09	4.41	10.68	1.03	-2.81	6.16	86.64	60.99	93.57	922.1	919.7	924.8	0.0
08/12/1996	4.92	2.88	7.76	8.30	4.70	10.81	83.02	74.94	94.46	924.9	922.9	926.7	6.2
09/12/1996	2.86	0.37	7.15	6.01	3.99	9.33	81.19	64.90	95.81	923.7	922.9	924.8	0.2
10/12/1996	0.68	0.06	2.56	3.92	0.27	6.71	86.11	73.73	94.91	926.5	924.8	928.0	0.0
11/12/1996	0.39	0.00	1.44	-2.37	-4.09	0.01	91.53	89.02	94.66	924.9	920.3	928.0	0.0
12/12/1996	3.40	1.09	5.02	-1.28	-3.58	2.33	90.08	79.68	94.46	918.0	917.1	920.3	0.6
13/12/1996	3.16	0.96	5.30	-4.40	-6.58	-2.22	81.01	65.92	88.90	915.7	909.4	918.4	0.0
14/12/1996	7.24	3.56	10.82	1.35	-2.01	2.78	83.16	75.07	87.87	903.5	899.8	909.4	0.0
15/12/1996	3.42	1.43	6.88	1.03	0.31	2.05	79.37	73.34	86.02	911.5	903.7	917.1	8.4
16/12/1996	3.19	0.35	6.71	1.23	-1.05	2.32	83.17	77.63	87.68	914.7	913.9	916.5	0.2
17/12/1996	2.88	0.49	5.36	0.88	-2.35	1.73	73.97	63.62	85.70	913.3	911.4	914.6	0.0
18/12/1996	1.63	0.41	3.65	0.38	-2.43	5.64	90.30	72.38	94.72	911.2	908.8	913.9	1.2
19/12/1996	2.65	0.95	4.16	-3.17	-3.80	-2.43	86.46	80.64	92.29	916.4	914.6	917.8	6.6
20/12/1996	3.29	1.98	3.99	-3.35	-3.86	-3.07	79.16	75.01	86.53	920.7	917.1	924.8	0.0
21/12/1996	2.33	1.46	5.81	-3.83	-4.10	-3.58	78.25	74.94	80.13	927.1	924.8	928.6	0.0
22/12/1996	2.85	0.58	5.32	-3.22	-3.93	-2.77	78.76	76.86	80.45	927.0	925.4	928.6	0.0
23/12/1996	0.56	0.05	3.27	-2.42	-3.35	-2.02	88.36	76.67	90.75	923.7	922.9	925.4	0.0
24/12/1996	0.14	0.00	0.78	-3.04	-5.12	-1.49	80.30	71.17	90.05	924.1	923.5	926.1	0.0
25/12/1996	1.15	0.01	3.60	-2.34	-4.17	-1.38	77.82	71.74	84.48	930.3	926.1	935.0	0.0
26/12/1996	4.69	2.95	6.76	-1.27	-1.85	-0.11	81.82	73.98	87.36	934.1	930.6	936.3	0.0
27/12/1996	2.67	0.00	5.72	-1.50	-2.25	-0.58	86.79	75.58	92.03	932.6	930.6	935.0	0.0
28/12/1996	0.35	0.00	2.52	-1.04	-1.56	-0.29	92.95	92.03	93.57	935.9	934.4	936.3	0.0
29/12/1996	0.00	0.00	0.07	-1.82	-3.14	-1.01	91.79	89.54	92.93	931.9	928.6	935.7	0.0
30/12/1996	0.00	0.00	0.00	-2.68	-6.03	-0.45	90.87	85.57	93.89	928.2	926.1	931.2	0.0
31/12/1996	0.00	0.00	0.00	-5.66	-5.91	-5.20	86.25	85.76	86.85	934.7	931.8	937.0	0.0

Lochnagar: Daily summary data: January 1997

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/01/97	0.00	0.00	0.00	-4.77	-6.50	-1.49	84.31	78.66	86.08	933.7	928.6	937.0	0.0
02/01/97	0.00	0.00	0.00	-1.78	-2.62	-0.91	89.90	81.41	92.03	927.6	926.1	928.6	0.0
03/01/97	0.00	0.00	0.00	-4.11	-5.54	-2.64	87.68	82.43	90.88	927.3	925.4	928.6	0.0
04/01/97	0.00	0.00	0.00	-4.94	-7.00	-3.96	84.61	75.71	89.02	925.2	924.8	926.1	0.0
05/01/97	0.00	0.00	0.00	-3.05	-4.67	-2.03	86.56	77.95	90.69	925.6	925.4	926.1	0.0
06/01/97	0.00	0.00	0.00	-2.54	-3.21	-1.83	86.11	81.28	91.20	928.1	926.7	929.3	0.0
07/01/97	0.00	0.00	0.00	-4.66	-8.19	-2.11	83.91	81.15	86.91	926.7	924.2	928.6	0.0
08/01/97	0.00	0.00	0.00	-6.15	-9.39	-4.02	84.07	80.26	87.23	920.4	918.4	923.5	0.0
09/01/97	0.00	0.00	0.00	-3.05	-4.81	-1.79	80.50	73.15	89.15	920.0	918.4	922.2	0.0
10/01/97	2.28	0.00	7.56	-3.17	-4.33	-2.50	80.70	72.38	88.00	921.7	920.3	922.9	0.0
11/01/97	3.45	0.00	8.68	-0.05	-4.24	5.45	90.74	86.85	94.91	918.5	914.6	921.0	0.0
12/01/97	6.57	4.01	9.84	6.31	4.60	7.65	90.14	84.29	97.54	914.1	910.7	916.5	20.2
13/01/97	7.43	4.79	10.21	6.24	5.18	7.27	77.81	48.45	91.65	913.8	908.8	919.0	5.2
14/01/97	6.26	4.19	8.58	5.37	4.57	6.81	93.84	78.53	99.01	916.2	914.6	919.0	3.2
15/01/97	3.77	0.57	8.37	5.00	4.22	6.36	82.55	69.38	96.58	922.2	917.1	924.2	1.6
16/01/97	4.70	2.76	7.21	5.08	0.11	10.18	52.46	7.06	94.53	916.4	913.3	921.6	0.0
17/01/97	3.73	2.32	5.30	1.61	0.83	2.54	87.27	78.98	94.53	908.7	905.0	913.3	0.0
18/01/97	3.84	1.85	5.84	1.58	-0.06	2.77	81.95	54.34	96.58	912.5	909.4	913.9	6.2
19/01/97	0.84	0.00	3.90	-0.16	-2.45	3.40	93.53	88.51	96.51	920.1	913.9	926.1	3.8
20/01/97	0.40	0.00	5.37	-2.39	-3.94	4.92	79.87	12.45	92.29	930.3	926.1	933.1	0.4
21/01/97	4.77	2.73	5.98	7.17	0.42	8.80	17.28	8.91	30.25	927.9	922.2	931.8	0.6
22/01/97	0.97	0.12	3.81	-2.69	-5.60	5.97	68.52	6.82	85.76	917.2	914.6	922.2	0.2
23/01/97	1.82	0.00	5.65	-1.01	-2.05	-0.28	88.45	81.02	93.50	921.4	917.8	923.5	0.0
24/01/97	4.06	0.73	6.65	0.01	-1.90	2.17	87.53	63.36	96.64	924.2	919.0	932.5	0.0
25/01/97	5.16	0.24	8.89	1.75	-1.29	4.62	72.33	52.99	95.42	932.8	931.8	933.8	2.2
26/01/97	4.87	2.66	7.13	4.42	2.32	7.69	68.76	33.28	90.94	933.3	932.5	934.4	0.4
27/01/97	2.26	0.00	4.58	0.60	-1.66	3.86	84.20	71.10	94.78	938.6	934.4	942.1	2.2
28/01/97	1.90	0.05	4.90	0.61	-0.69	1.50	84.89	80.06	93.31	944.4	942.1	945.9	0.0
29/01/97	0.71	0.00	1.89	-0.85	-2.67	0.95	89.65	76.03	94.27	944.2	942.7	946.6	0.0
30/01/97	1.06	0.09	1.89	1.46	-0.28	3.32	72.86	67.20	78.85	942.2	941.4	942.7	0.2
31/01/97	1.56	0.00	3.91	0.32	-2.19	3.08	88.57	69.06	94.40	940.7	937.0	942.1	0.2

Lochnagar: Daily summary data: February 1997

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/02/97	4.71	0.00	8.73	-2.13	-3.22	-0.59	89.49	83.20	93.57	928.6	920.3	937.0	1.4
02/02/97	3.32	0.00	6.43	-1.16	-2.29	0.87	80.68	64.96	95.74	923.0	917.1	928.0	0.0
03/02/97	6.88	3.61	9.65	-0.37	-2.34	3.22	84.58	66.94	92.29	914.0	905.0	926.7	0.0
04/02/97	1.93	0.78	4.66	-0.85	-2.64	1.33	81.14	73.34	91.65	911.1	908.8	915.2	9.4
05/02/97	4.02	1.29	6.72	-1.23	-2.64	0.28	73.11	57.86	82.75	917.4	915.2	921.0	0.0
06/02/97	7.65	4.36	9.96	2.59	-0.27	5.75	89.57	78.21	97.41	910.1	903.0	920.3	0.0
07/02/97	6.01	3.18	11.36	-0.63	-2.99	4.61	77.75	70.14	82.94	915.8	907.5	921.6	13.8
08/02/97	6.80	4.14	9.59	0.77	-0.41	1.29	83.90	76.42	89.66	919.2	912.6	922.9	0.0
09/02/97	6.35	2.94	10.41	1.87	0.95	3.35	82.22	71.81	94.91	912.7	906.9	917.1	13.0
10/02/97	7.09	5.06	11.93	0.51	-2.94	4.41	84.84	71.55	94.78	895.2	887.7	909.4	18.4
11/02/97	3.97	1.62	6.00	-0.69	-2.38	0.82	79.05	73.41	85.57	905.2	899.8	906.9	10.8
12/02/97	2.68	0.75	5.61	1.78	0.68	3.51	90.35	71.87	96.32	897.9	887.7	906.2	0.2
13/02/97	6.10	3.72	7.98	-0.51	-2.68	1.70	87.48	77.44	94.34	893.0	887.0	900.5	14.0
14/02/97	3.59	1.96	6.48	-2.01	-2.81	-0.67	76.17	68.22	85.06	904.7	899.8	910.7	0.6
15/02/97	3.88	2.36	7.79	-1.05	-1.98	0.31	77.25	67.01	84.99	918.0	911.4	921.6	0.0
16/02/97	6.76	4.84	8.98	-0.47	-1.79	1.77	90.34	75.71	96.32	907.0	896.0	919.7	0.2
17/02/97	6.82	4.98	9.08	2.21	0.12	4.75	91.52	73.22	97.66	893.6	884.5	899.8	18.4
18/02/97	5.14	2.32	8.03	-1.66	-3.81	1.01	78.27	67.07	85.12	896.6	889.0	911.4	79.4
19/02/97	8.05	4.51	13.60	-0.87	-3.39	4.25	83.13	62.78	96.19	898.0	881.9	913.3	0.0
20/02/97	6.45	4.21	12.42	-0.31	-3.44	2.63	82.60	63.04	90.94	899.0	892.8	901.8	1.0
21/02/97	8.04	4.55	13.40	-0.45	-3.21	4.81	83.12	75.01	93.25	905.7	894.7	913.3	0.2
22/02/97	7.81	5.18	9.99	4.48	3.56	5.77	82.47	70.72	95.04	908.7	903.0	912.0	0.0
23/02/97	6.37	2.71	9.40	1.87	-0.51	4.67	83.51	67.14	94.72	895.7	885.8	903.0	30.0
24/02/97	7.39	5.50	9.65	-1.19	-1.81	-0.21	85.37	81.34	93.18	876.5	870.4	884.5	2.4
25/02/97	5.23	0.83	8.68	-0.60	-1.99	0.32	82.31	69.63	90.43	880.0	866.6	895.4	0.0
26/02/97	1.61	0.17	4.60	-2.39	-4.40	-1.13	76.55	67.90	85.18	905.9	895.4	919.7	0.2
27/02/97	6.80	3.67	9.96	1.05	-1.35	5.06	85.62	71.42	97.34	917.2	907.5	922.9	0.0
28/02/97	6.17	4.57	9.65	0.91	-1.24	4.95	83.58	73.34	94.46	910.3	906.2	913.3	14.2

Lochnagar: Daily summary data: March 1997

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/03/97	8.65	6.76	10.97	1.82	-0.83	4.94	88.77	82.62	95.87	903.7	895.4	912.6	2.2
02/03/97	7.84	4.22	11.41	-0.22	-2.40	5.21	80.97	70.21	87.87	902.9	894.7	919.0	77.0
03/03/97	4.82	3.16	8.15	0.07	-1.56	1.67	77.41	69.95	82.82	926.6	919.7	931.8	0.2
04/03/97	5.64	3.91	8.93	1.47	0.30	2.47	62.37	32.63	94.14	927.9	920.3	931.8	2.0
05/03/97	6.34	3.49	10.58	0.51	-2.17	3.11	84.38	71.30	95.94	919.3	915.8	926.7	0.4
06/03/97	6.15	3.27	9.40	-0.36	-1.80	0.99	72.92	68.03	80.00	928.3	920.3	931.8	2.0
07/03/97	5.39	2.58	9.65	3.05	-0.20	5.38	92.70	80.51	97.66	921.6	918.4	929.3	4.0
08/03/97	4.34	1.48	7.77	1.53	-1.74	8.49	54.18	7.24	78.34	936.7	929.9	939.5	7.0
09/03/97	4.19	0.52	8.63	5.85	2.22	10.02	38.73	6.54	79.49	936.6	934.4	937.6	0.6
10/03/97	3.48	1.94	6.23	4.17	1.85	10.00	74.16	31.53	95.30	933.1	931.8	936.3	0.0
11/03/97	3.44	0.48	5.96	5.73	2.83	8.10	71.86	43.33	82.18	937.0	933.8	938.9	0.0
12/03/97	4.78	2.94	6.81	6.61	5.01	8.10	74.52	58.69	87.87	927.8	924.8	933.1	0.0
13/03/97	5.34	3.47	7.57	4.91	3.16	6.46	81.23	68.99	85.63	923.3	919.0	928.0	0.4
14/03/97	4.50	2.62	6.75	4.83	4.12	6.74	82.86	70.91	91.33	919.7	917.8	921.6	0.2
15/03/97	2.97	0.85	6.02	2.64	-0.36	4.53	91.80	86.40	95.49	923.6	921.0	927.4	0.4
16/03/97	3.85	0.00	7.74	4.70	-0.02	7.27	86.75	77.25	93.44	924.5	921.6	928.0	15.6
17/03/97	3.14	0.70	5.65	4.85	3.41	6.57	83.27	58.88	95.42	926.3	918.4	929.3	1.6
18/03/97	3.72	0.55	5.39	2.51	0.79	3.61	87.35	72.38	97.34	908.3	901.8	917.8	2.6
19/03/97	3.80	1.62	5.80	0.92	-0.36	2.32	88.55	76.99	96.00	916.8	906.9	921.6	5.6
20/03/97	4.62	2.58	6.28	-0.89	-3.49	0.93	81.09	67.97	93.06	922.7	919.7	926.7	3.2
21/03/97	3.42	0.29	8.61	-0.93	-3.25	1.53	79.45	64.26	90.82	928.3	926.7	929.9	0.2
22/03/97	3.98	1.90	6.12	2.23	1.44	3.55	90.59	82.62	96.51	920.8	910.7	927.4	3.2
23/03/97	1.78	0.18	4.85	3.10	1.00	7.86	90.13	69.57	98.30	913.6	909.4	915.8	7.2
24/03/97	3.09	1.55	5.31	2.70	1.42	4.77	84.70	69.38	96.83	913.6	911.4	916.5	1.6
25/03/97	5.89	2.78	8.36	4.83	2.21	7.38	75.87	28.54	97.34	912.7	910.1	915.8	1.8
26/03/97	6.96	4.36	11.00	3.12	-0.78	7.38	80.05	28.04	98.37	903.7	896.0	912.6	6.6
27/03/97	5.30	2.99	8.60	0.34	-0.89	1.71	81.27	66.37	90.88	909.7	907.5	912.0	12.6
28/03/97	5.93	4.08	8.01	0.02	-1.32	1.67	74.36	61.95	86.72	920.9	912.0	927.4	4.8
29/03/97	4.82	2.37	9.96	2.25	0.43	4.45	80.00	71.81	90.18	927.0	926.1	928.6	1.8
30/03/97	6.28	3.45	10.80	4.39	1.42	8.66	72.52	53.31	79.62	925.5	923.5	926.7	1.0
31/03/97	6.77	4.59	9.55	3.96	2.76	5.67	77.98	62.46	84.93	920.6	918.4	924.2	0.2

Lochnagar: Daily summary data: April 1997

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/04/97	6.43	4.00	8.23	4.04	2.49	5.25	77.55	68.42	85.18	920.4	916.5	923.5	1.0
02/04/97	5.04	2.82	8.31	3.70	2.25	5.00	80.49	74.37	85.06	917.4	910.7	922.9	0.4
03/04/97	4.53	3.39	6.03	-1.69	-4.12	1.57	79.24	72.06	87.87	916.2	911.4	925.4	1.2
04/04/97	5.00	1.34	11.09	-1.40	-4.61	4.75	76.56	45.63	86.72	922.9	912.6	928.0	0.0
05/04/97	4.77	0.00	9.32	3.49	-1.21	6.47	90.94	86.21	94.53	916.4	912.0	926.1	4.8
06/04/97	2.48	0.00	5.37	0.92	-1.95	5.43	90.13	84.86	95.68	930.5	926.1	932.5	2.8
07/04/97	2.91	1.67	5.41	5.20	3.64	6.83	77.41	68.03	89.22	932.9	931.8	933.8	1.6
08/04/97	4.12	2.39	7.67	5.96	5.06	8.61	76.41	61.89	87.94	929.9	928.0	933.1	0.0
09/04/97	2.81	0.67	5.75	4.42	1.61	7.31	73.68	56.96	95.42	933.1	929.9	935.7	0.2
10/04/97	4.69	2.25	7.80	7.86	3.00	10.23	67.55	46.08	78.53	934.8	933.1	935.7	0.0
11/04/97	4.57	0.28	9.22	2.15	0.08	4.84	74.93	55.42	93.95	936.1	932.5	938.9	1.0
12/04/97	2.27	1.04	4.48	4.88	1.84	8.88	58.89	21.94	83.65	935.8	933.1	937.6	0.4
13/04/97	2.93	0.56	4.99	4.98	3.06	7.31	84.80	71.04	95.17	931.8	931.2	933.1	0.0
14/04/97	3.66	1.70	6.02	5.44	1.66	8.53	85.49	72.26	95.49	933.3	930.6	936.3	0.4
15/04/97	1.19	0.23	2.79	5.08	-0.88	11.83	61.36	24.91	88.00	937.2	936.3	937.6	0.0
16/04/97	1.30	0.12	2.77	3.95	2.12	5.81	81.73	72.00	94.21	936.6	936.3	937.6	0.0
17/04/97	1.05	0.15	2.03	4.59	3.05	7.01	81.07	70.91	91.26	934.1	933.1	935.7	0.0
18/04/97	1.73	0.00	2.86	3.18	-1.39	5.28	87.93	76.22	93.82	931.3	930.6	933.1	0.0
19/04/97	0.89	0.00	3.19	-1.35	-3.04	1.39	80.80	63.23	93.50	930.7	930.6	931.2	2.8
20/04/97	2.92	0.07	5.74	1.65	-3.17	5.85	66.44	51.58	78.59	927.0	921.6	930.6	0.8
21/04/97	3.91	2.05	5.88	-0.23	-2.73	2.10	82.54	68.29	91.65	922.1	919.7	924.2	0.2
22/04/97	1.99	0.94	3.42	-0.43	-3.45	3.16	68.43	45.44	89.34	921.2	918.4	923.5	0.6
23/04/97	5.59	3.24	9.52	2.98	0.32	6.67	76.63	57.60	87.36	911.9	906.2	917.8	0.6
24/04/97	4.91	0.34	10.21	1.83	-1.52	6.16	82.88	69.44	93.70	911.9	904.3	922.2	10.6
25/04/97	2.53	0.44	6.11	0.06	-1.51	2.67	77.90	59.26	90.75	923.6	922.2	924.8	1.0
26/04/97	5.44	2.64	7.78	-0.57	-1.90	1.64	89.60	79.74	95.94	917.7	914.6	922.9	0.0
27/04/97	3.12	1.13	6.85	4.22	1.70	6.12	94.62	83.39	97.98	912.2	908.2	914.6	1.0
28/04/97	3.62	2.17	6.56	6.96	5.01	10.81	88.28	65.92	98.43	903.8	901.1	908.2	1.6
29/04/97	3.41	1.98	5.09	5.69	4.52	7.03	87.58	82.11	90.94	916.2	908.2	924.8	4.6
30/04/97	3.68	0.93	5.92	8.95	4.13	11.43	74.04	31.59	85.70	928.1	924.8	931.2	0.8

Lochnagar: Daily summary data: May 1997

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/05/97	5.31	3.46	8.18	11.79	8.97	17.13	65.13	34.75	82.43	928.8	927.4	931.2	0.0
02/05/97	3.42	0.57	7.53	10.05	6.49	12.78	67.30	40.45	92.74	928.9	928.6	929.3	0.6
03/05/97	3.22	0.95	5.01	5.36	4.26	6.90	95.19	81.41	98.24	922.7	915.2	928.6	0.0
04/05/97	2.07	0.44	4.40	3.66	-1.38	6.12	95.36	90.94	97.98	901.9	895.4	914.6	7.2
05/05/97	4.77	3.35	5.57	-2.09	-4.97	-1.00	92.83	88.06	95.04	900.2	897.3	903.0	25.6
06/05/97	4.59	3.34	6.22	-3.82	-6.49	-1.48	84.50	75.14	89.02	902.4	901.8	903.0	0.2
07/05/97	2.70	0.06	5.29	-1.22	-2.96	1.36	83.53	76.80	92.22	900.3	898.6	902.4	0.8
08/05/97	2.01	0.42	4.05	-0.31	-2.08	2.42	86.83	71.68	93.06	899.3	898.6	899.8	0.2
09/05/97	2.08	0.37	4.21	1.44	-1.16	4.90	75.13	50.05	88.70	903.6	899.2	908.8	0.0
10/05/97	1.41	0.31	2.54	0.79	-0.12	1.35	94.31	84.42	96.38	907.3	903.7	908.8	13.2
11/05/97	2.12	0.00	4.52	1.53	-0.13	2.92	90.63	83.26	96.19	901.7	900.5	903.0	5.2
12/05/97	4.77	2.62	6.60	2.58	1.27	3.95	86.68	79.74	94.46	906.3	903.0	911.4	24.8
13/05/97	4.84	3.69	6.72	3.71	2.42	5.93	83.98	76.54	91.33	914.3	911.4	917.8	33.4
14/05/97	3.32	2.03	4.69	4.95	2.37	8.03	75.40	62.59	84.74	921.9	917.8	926.7	5.2
15/05/97	3.11	1.51	4.88	7.73	5.06	10.59	68.33	51.58	80.96	928.5	926.7	929.9	0.2
16/05/97	3.86	1.14	5.83	7.14	5.30	9.81	70.05	56.32	92.74	928.8	927.4	929.9	0.0
17/05/97	2.56	0.65	6.09	6.57	4.03	9.75	87.50	72.58	96.32	924.8	922.9	927.4	0.4
18/05/97	1.21	0.72	1.85	7.71	5.64	9.62	98.84	93.89	100.10	920.1	918.4	922.9	12.8
19/05/97	1.17	0.13	2.33	4.12	2.76	5.06	98.66	98.37	99.01	917.2	915.8	918.4	37.2
20/05/97	2.35	0.42	3.54	3.62	2.39	4.35	98.96	98.62	99.26	915.7	914.6	918.4	3.8
21/05/97	2.44	0.02	3.38	1.16	-0.73	2.96	92.95	75.58	99.07	920.9	918.4	924.2	22.4
22/05/97	1.19	0.00	2.44	0.80	-1.70	2.83	84.87	73.79	94.66	925.9	924.2	928.6	0.0
23/05/97	1.70	0.30	2.90	2.15	-1.24	6.89	78.74	60.61	92.80	931.3	928.6	934.4	0.8
24/05/97	1.14	0.06	2.79	5.55	0.26	10.61	72.65	47.62	88.19	935.9	934.4	937.0	0.4
25/05/97	2.12	0.04	5.33	6.29	4.17	9.39	72.73	60.42	85.70	934.6	928.6	937.0	0.0
26/05/97	4.38	0.72	7.27	9.00	5.32	13.51	77.12	57.02	96.64	930.0	927.4	933.8	2.2
27/05/97	2.01	0.56	3.19	8.24	5.75	11.61	67.48	47.23	91.26	934.8	933.1	937.0	0.0
28/05/97	1.59	0.28	4.18	10.81	4.54	16.24	81.64	64.13	96.96	936.2	935.0	937.6	0.0
29/05/97	3.02	0.41	5.23	14.32	9.47	17.29	69.79	53.76	97.47	935.3	934.4	935.7	0.0
30/05/97	2.22	1.02	3.54	14.87	11.29	19.60	52.34	21.30	80.83	935.7	935.0	937.0	0.0
31/05/97	1.58	0.45	2.90	12.80	6.07	17.50	64.69	43.90	95.42	937.2	936.3	938.2	0.0

Lochnagar: Daily summary data: June 1997

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/06/97	2.51	0.61	5.45	9.28	4.38	13.67	53.86	28.74	97.47	939.1	938.2	939.5	0.0
02/06/97	2.30	0.33	3.91	8.91	5.59	13.98	62.40	40.45	97.79	936.8	934.4	939.5	0.0
03/06/97	2.51	0.41	3.47	8.55	4.14	14.43	70.24	32.45	98.43	931.5	928.6	934.4	1.0
04/06/97	1.95	0.14	4.80	12.07	6.12	16.17	51.77	36.03	65.92	923.7	920.3	928.6	0.0
05/06/97	3.44	0.99	6.13	11.41	8.97	14.43	60.22	48.38	73.86	918.8	918.4	921.0	0.0
06/06/97	3.18	1.38	5.92	9.26	6.14	11.42	89.76	44.74	100.29	913.1	909.4	917.8	4.0
07/06/97	6.55	3.42	8.95	10.88	10.09	11.79	89.32	77.95	100.74	908.0	906.2	910.7	7.0
08/06/97	5.21	2.74	7.10	9.11	5.03	11.54	84.83	73.66	97.73	913.7	910.1	920.3	8.2
09/06/97	2.94	0.93	4.23	6.49	3.17	9.66	71.32	57.54	85.57	924.4	921.0	926.7	3.0
10/06/97	3.04	1.76	5.60	9.83	6.79	13.82	74.74	50.94	96.00	927.4	926.1	928.6	4.6
11/06/97	2.90	1.36	5.32	7.58	6.63	9.05	79.90	58.69	98.43	921.9	917.8	926.1	0.4
12/06/97	2.56	0.63	4.62	6.45	5.32	7.38	96.04	85.18	98.88	912.1	908.8	917.8	22.6
13/06/97	3.59	1.71	5.51	6.51	3.75	9.14	89.19	77.95	97.41	911.3	909.4	914.6	4.2
14/06/97	3.38	1.03	4.99	3.14	1.38	5.75	92.19	74.18	97.73	918.4	914.6	922.9	11.2
15/06/97	0.84	0.06	3.14	4.26	1.79	7.22	85.79	69.57	91.46	925.0	922.9	927.4	1.0
16/06/97	1.52	0.29	3.73	6.43	3.78	8.17	80.81	71.04	86.91	928.3	927.4	929.3	8.0
17/06/97	1.60	0.25	3.52	8.04	5.49	11.99	77.38	54.91	90.62	928.5	926.1	929.9	0.8
18/06/97	3.81	2.18	6.51	7.95	7.30	8.94	84.28	67.39	97.28	919.7	914.6	926.1	12.0
19/06/97	2.86	1.18	5.62	7.60	6.63	9.24	86.41	80.90	94.40	911.3	908.2	915.2	9.8
20/06/97	2.15	0.97	3.50	7.23	5.41	9.92	88.23	75.33	97.79	905.2	903.7	907.5	9.2
21/06/97	3.02	1.61	3.88	6.30	5.07	7.31	97.31	92.67	98.62	903.1	902.4	905.0	4.2
22/06/97	4.05	2.92	5.58	6.35	4.81	7.22	98.84	97.28	99.78	909.2	905.0	913.9	59.6
23/06/97	5.17	3.69	6.84	4.05	2.34	6.05	89.68	74.37	97.54	917.3	913.9	921.0	6.2
24/06/97	3.40	0.95	6.08	4.92	1.36	9.94	80.04	62.59	92.29	919.5	916.5	921.0	0.0
25/06/97	1.98	0.88	3.61	4.13	2.19	5.42	93.72	84.48	96.19	915.3	913.9	916.5	0.2
26/06/97	4.12	3.34	4.82	2.94	1.22	4.49	95.88	95.04	96.77	918.3	916.5	922.2	6.8
27/06/97	4.91	4.14	6.12	2.94	1.72	3.65	96.08	95.55	96.45	922.7	921.6	923.5	5.2
28/06/97	2.96	1.88	5.22	5.16	3.71	6.41	97.53	96.64	98.30	921.9	921.0	922.2	17.2
29/06/97	1.37	0.32	2.94	7.86	3.94	14.53	83.31	43.46	100.86	919.5	917.8	921.0	6.6
30/06/97	3.11	0.21	5.87	5.24	3.54	7.23	90.99	77.44	96.77	914.7	912.0	917.8	0.0

Lochnagar: Daily summary data: August 1997

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/08/97	4.38	1.79	7.19	12.18	7.96	15.87	79.07	60.80	89.60	916.3	912.6	921.6	1.4
02/08/97	2.27	0.59	4.26	9.44	7.44	11.43	77.40	73.02	83.20	925.4	922.2	928.0	0.0
03/08/97	0.98	0.17	2.34	9.85	8.33	11.92	82.87	74.82	87.94	929.8	928.0	931.8	0.0
04/08/97	1.13	0.23	3.43	12.46	7.66	17.80	69.07	53.82	85.38	933.1	931.8	934.4	0.0
05/08/97	1.79	0.57	2.97	13.71	11.58	16.38	54.98	29.50	71.49	933.5	932.5	934.4	0.0
06/08/97	3.64	1.48	6.27	14.19	12.01	17.08	68.23	56.06	73.98	931.6	931.2	932.5	0.0
07/08/97	4.19	1.52	6.92	13.97	12.84	15.26	77.80	60.10	92.54	930.3	928.0	932.5	0.0
08/08/97	4.40	2.21	5.50	16.29	13.90	18.43	76.77	62.34	91.97	924.8	922.2	928.0	0.0
09/08/97	2.70	0.66	5.45	13.74	11.65	16.03	85.50	75.52	96.83	925.6	922.2	928.6	0.8
10/08/97	3.07	0.99	5.78	12.94	10.79	15.23	91.90	82.05	98.11	928.9	928.0	929.9	9.2
11/08/97	2.54	1.21	6.99	14.63	12.45	17.95	86.72	67.33	98.50	929.5	928.6	929.9	1.4
12/08/97	2.18	0.60	4.02	18.90	16.57	22.29	64.41	51.52	78.46	931.0	929.9	932.5	0.0
13/08/97	1.36	0.27	4.43	17.40	15.09	20.39	75.70	59.39	94.66	930.8	929.3	932.5	0.0
14/08/97	1.71	0.64	3.60	16.17	12.80	19.33	74.76	58.43	90.94	929.1	928.0	929.9	6.8
15/08/97	3.23	2.09	5.30	15.53	13.73	17.58	72.86	62.27	83.46	928.3	927.4	929.3	0.0
16/08/97	4.12	2.88	5.94	14.31	12.17	16.80	80.44	71.74	91.26	926.1	924.2	928.6	0.2
17/08/97	2.51	0.06	4.41	14.69	11.90	17.87	80.00	68.67	97.09	926.3	924.2	929.3	0.0
18/08/97	0.62	0.04	2.25	11.55	10.05	13.08	95.69	85.12	98.69	929.6	928.6	930.6	3.2
19/08/97	2.62	0.45	4.82	13.79	12.20	15.68	94.31	84.42	98.75	928.5	927.4	929.9	0.4
20/08/97	4.14	3.13	6.37	15.76	14.96	16.94	89.22	81.34	95.55	924.3	921.6	927.4	0.2
21/08/97	4.53	2.87	6.22	13.23	10.34	15.37	85.54	66.30	98.43	919.4	918.4	921.6	26.6
22/08/97	3.61	2.34	5.90	11.34	9.38	14.65	72.23	58.30	84.61	922.9	919.7	924.2	7.2
23/08/97	2.03	0.48	3.71	9.71	7.94	11.65	77.80	64.51	91.65	921.2	919.7	923.5	0.0
24/08/97	1.77	0.10	4.99	8.99	6.59	12.94	78.89	63.04	88.90	921.7	921.0	922.9	0.8
25/08/97	1.67	0.72	3.10	10.17	7.53	14.25	80.51	57.41	92.86	916.9	913.9	921.6	0.0
26/08/97	2.82	1.44	4.73	10.00	8.55	12.44	73.71	60.61	86.46	915.8	915.2	916.5	0.0
27/08/97	3.95	2.43	5.70	10.47	9.39	11.54	88.20	81.02	97.09	909.1	905.0	915.2	0.6
28/08/97	2.69	0.40	4.03	9.86	8.35	12.35	79.36	65.02	90.30	904.8	903.7	905.6	18.4
29/08/97	2.97	1.02	5.15	9.69	8.14	12.53	82.56	71.42	92.10	907.1	903.7	912.6	12.8
30/08/97	3.73	0.96	5.65	9.55	7.66	12.74	79.31	69.57	87.81	916.5	912.0	921.6	1.2
31/08/97	3.01	0.85	6.11	8.80	7.97	9.95	88.19	77.89	96.64	920.5	916.5	922.2	0.4

Lochnagar: Daily summary data: July 1997

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/07/97	5.67	3.17	7.80	4.22	2.42	5.82	96.66	95.87	97.92	910.0	909.4	912.0	15.6
02/07/97	2.76	0.08	6.58	6.40	5.58	7.53	91.20	83.46	97.28	912.3	910.1	915.2	27.4
03/07/97	1.12	0.24	4.33	6.60	5.16	8.30	93.19	78.85	97.92	915.5	914.6	918.4	0.0
04/07/97	1.48	0.25	3.34	9.68	7.71	11.94	81.88	73.47	97.60	923.3	918.4	929.3	4.4
05/07/97	2.39	0.28	5.22	11.74	7.15	15.59	75.74	40.13	97.98	931.1	929.3	933.1	0.2
06/07/97	4.31	1.95	7.51	12.88	10.43	16.73	77.67	65.73	84.42	931.9	931.2	933.1	0.4
07/07/97	4.07	1.82	6.43	12.95	10.68	16.61	78.55	66.69	88.06	932.3	931.2	933.8	0.0
08/07/97	2.85	1.75	3.80	13.92	10.93	16.64	69.53	57.60	85.63	932.5	931.2	933.1	0.0
09/07/97	2.01	0.33	4.58	15.18	10.89	19.38	67.21	48.38	83.84	930.2	929.3	931.8	0.0
10/07/97	3.10	0.53	5.47	15.58	13.45	18.03	62.49	49.28	73.47	928.6	927.4	929.9	0.0
11/07/97	3.55	0.92	6.14	13.24	10.54	16.78	62.23	43.14	79.49	925.1	923.5	927.4	0.0
12/07/97	2.80	1.04	5.37	12.78	11.49	14.29	83.66	75.78	93.25	923.4	922.2	924.8	0.0
13/07/97	3.14	1.71	5.05	11.70	10.05	13.92	85.75	76.67	94.91	920.8	919.7	922.2	3.2
14/07/97	1.66	0.64	2.95	10.18	7.48	12.49	77.32	60.86	90.05	923.6	921.6	924.8	13.0
15/07/97	3.67	2.13	5.98	10.17	8.83	11.36	90.70	70.08	98.62	922.0	919.7	924.2	0.0
16/07/97	3.43	2.07	5.44	11.32	9.37	13.06	85.79	78.72	94.14	920.3	918.4	922.2	8.8
17/07/97	2.48	1.57	4.12	9.94	8.25	12.12	80.50	68.61	92.67	923.8	921.6	927.4	0.0
18/07/97	1.60	0.12	3.20	11.03	7.53	15.05	85.70	72.58	96.83	931.9	928.0	935.7	0.0
19/07/97	1.35	0.21	3.22	14.44	10.25	18.32	70.85	47.42	97.22	936.1	935.7	936.3	0.0
20/07/97	1.95	0.23	4.99	16.04	12.42	19.44	55.20	39.30	76.54	935.3	934.4	936.3	0.0
21/07/97	2.74	0.15	5.65	15.84	13.53	18.59	57.88	42.75	69.31	933.7	932.5	935.0	0.0
22/07/97	3.14	2.00	4.94	14.53	10.93	18.09	51.17	38.21	82.62	931.1	929.3	933.1	0.0
23/07/97	3.17	1.55	5.03	11.68	9.73	14.29	85.11	76.10	97.02	926.1	922.2	929.3	6.6
24/07/97	1.77	0.53	5.81	11.43	9.36	15.70	86.24	66.88	94.27	918.2	916.5	921.6	5.4
25/07/97	2.62	1.30	4.48	11.17	9.44	13.94	78.95	67.26	90.50	917.6	915.8	921.0	7.2
26/07/97	1.16	0.23	2.22	9.98	8.42	12.31	84.34	72.19	97.28	920.1	919.0	921.0	0.0
27/07/97	2.48	0.75	4.11	10.68	7.92	13.80	74.18	59.65	87.30	923.3	920.3	924.8	11.6
28/07/97	2.80	1.18	5.24	11.01	9.48	13.53	82.80	75.33	87.42	925.3	923.5	928.0	0.6
29/07/97	4.31	1.12	7.62	11.30	9.61	12.57	83.41	64.90	97.28	922.8	918.4	927.4	2.8
30/07/97	4.29	2.27	5.79	9.76	8.67	11.41	80.11	64.06	90.18	914.6	912.0	918.4	11.2
31/07/97	4.10	1.23	7.46	10.09	9.16	11.56	83.35	74.05	88.19	915.0	911.4	917.8	4.6

Lochnagar: Daily summary data: November 1997

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/11/97	3.81	1.69	7.21	8.99	3.52	10.88	84.60	75.26	93.95	931.3	929.9	934.4	0.0
02/11/97	1.28	0.35	2.71	2.89	1.96	3.94	82.44	75.33	91.20	929.3	928.6	929.9	0.2
03/11/97	3.45	0.83	7.30	2.64	2.16	3.17	82.28	72.38	91.14	925.7	922.2	928.0	0.0
04/11/97	4.88	2.30	6.97	2.22	1.29	3.24	89.02	84.54	92.35	916.4	911.4	921.6	14.4
05/11/97	1.46	0.10	3.96	3.32	2.53	5.52	92.70	92.16	93.82	902.2	894.1	911.4	4.0
06/11/97	1.36	0.29	2.71	5.21	3.83	5.88	93.99	87.10	95.49	892.9	892.2	894.1	12.0
07/11/97	1.05	0.06	1.91	2.50	1.38	3.73	89.66	72.06	93.82	894.7	894.1	895.4	1.4
08/11/97	0.97	0.12	2.23	1.04	-0.39	2.03	85.09	72.77	92.93	892.4	887.0	895.4	1.2
09/11/97	1.36	0.00	4.75	1.48	0.36	2.56	80.51	73.54	91.97	886.6	886.4	887.7	3.2
10/11/97	2.24	1.19	3.35	2.01	1.38	2.80	84.90	75.14	91.14	889.0	887.7	890.2	6.0
11/11/97	2.22	1.08	3.86	3.27	2.71	3.95	79.76	70.21	92.48	894.6	890.9	899.2	12.0
12/11/97	3.64	2.27	5.40	3.04	2.49	3.77	73.89	67.65	78.66	902.9	899.2	906.2	0.4
13/11/97	3.90	2.57	6.05	2.14	1.40	2.85	69.37	53.06	80.58	906.8	905.6	908.2	0.0
14/11/97	5.29	2.68	8.89	2.69	0.70	5.12	78.53	65.47	93.12	905.8	901.8	909.4	0.0
15/11/97	4.57	0.99	7.40	6.35	4.43	8.74	76.35	47.49	95.87	912.3	908.8	913.3	11.0
16/11/97	5.89	4.27	7.55	9.29	6.85	10.14	93.62	81.34	97.98	909.7	906.9	912.6	7.8
17/11/97	5.75	4.00	9.42	6.83	5.64	8.19	92.45	81.60	96.77	910.1	903.7	913.3	33.4
18/11/97	6.86	3.73	9.30	6.35	4.72	8.41	96.21	95.49	97.02	902.1	899.2	905.0	59.6
19/11/97	5.53	2.79	7.48	5.61	4.73	6.97	93.03	82.50	96.77	900.7	899.2	902.4	94.2
20/11/97	4.95	3.71	6.42	3.77	1.97	5.56	94.91	94.08	95.62	898.8	897.9	899.8	52.6
21/11/97	3.80	2.68	5.82	2.75	1.44	4.32	81.99	57.47	95.10	906.7	897.9	914.6	32.2
22/11/97	4.14	2.97	5.51	2.00	1.20	2.73	90.59	84.16	94.27	918.7	914.6	922.2	10.2
23/11/97	5.21	3.27	6.92	2.21	1.68	2.76	93.69	89.73	94.91	921.7	919.7	922.9	0.2
24/11/97	5.80	3.23	8.13	2.72	1.10	3.57	93.26	88.19	94.78	916.2	914.6	919.7	14.0
25/11/97	4.48	2.88	7.32	1.87	1.46	3.20	93.97	93.57	94.59	914.8	913.9	915.8	18.2
26/11/97	3.62	2.47	5.91	2.68	1.57	3.67	94.35	92.93	95.36	917.1	913.9	919.7	7.4
27/11/97	2.60	1.30	3.80	3.15	2.09	4.16	94.01	88.32	95.17	916.7	913.9	919.7	26.8
28/11/97	1.24	0.08	3.00	4.05	2.94	4.69	94.71	94.02	95.04	910.8	908.2	913.9	8.2
29/11/97	3.02	0.83	3.91	2.16	0.35	3.82	93.77	92.99	94.40	910.9	907.5	916.5	7.6
30/11/97	2.99	2.06	4.00	-1.43	-3.04	0.31	92.94	90.75	96.70	921.3	917.1	923.5	9.8

Lochnagar: Daily summary data: December 1997

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/12/97	3.55	2.07	5.40	-3.17	-3.99	-2.79	82.03	66.24	91.52	919.4	916.5	922.9	0.0
02/12/97	3.54	1.47	6.46	-2.16	-2.88	-1.52	88.34	66.82	91.65	920.1	915.2	925.4	0.0
03/12/97	3.18	0.00	4.59	-1.03	-2.66	-0.52	91.31	89.92	92.10	927.6	925.4	930.6	0.0
04/12/97	1.59	0.00	5.53	-0.55	-1.48	1.45	81.19	67.58	92.22	927.4	922.9	930.6	0.0
05/12/97	6.20	3.41	8.29	2.57	0.59	3.78	82.56	72.19	86.78	915.4	908.8	922.9	0.0
06/12/97	5.53	4.01	8.08	7.18	3.57	8.60	86.16	81.92	93.70	909.9	907.5	912.0	11.2
07/12/97	5.87	3.89	9.11	4.85	4.20	5.52	94.55	81.41	95.94	903.8	894.7	910.1	2.8
08/12/97	5.85	3.57	7.61	4.32	3.48	5.18	88.15	81.98	96.19	889.5	885.8	894.7	28.2
09/12/97	4.42	2.89	6.31	3.07	2.24	4.62	82.57	74.75	95.23	896.9	892.2	899.8	11.4
10/12/97	3.45	0.88	5.95	2.11	0.45	3.70	86.61	73.09	94.78	896.3	890.9	903.0	2.6
11/12/97	2.79	0.87	5.83	0.25	-1.14	2.36	85.48	58.05	94.40	905.9	901.1	916.5	3.2
12/12/97	4.22	2.77	5.89	0.77	-1.40	2.99	74.62	60.42	91.33	922.9	917.1	924.8	0.0
13/12/97	2.89	0.49	5.33	2.80	2.33	3.89	79.43	75.52	84.93	929.9	924.8	934.4	8.8
14/12/97	3.32	0.88	7.09	3.22	1.75	4.55	82.73	64.51	94.78	936.3	933.8	940.2	1.8
15/12/97	4.86	2.45	7.96	-0.20	-0.99	1.21	87.03	76.10	94.34	943.2	940.2	944.6	0.6
16/12/97	3.56	1.82	5.37	-1.14	-1.81	-0.51	86.79	78.27	92.93	938.9	931.8	944.6	0.0
17/12/97	5.15	3.71	7.26	-1.98	-2.57	-1.51	84.80	80.64	90.50	923.1	913.9	931.8	0.0
18/12/97	2.91	0.00	5.76	0.12	-1.61	1.22	92.89	90.50	94.40	910.5	907.5	913.3	0.0
19/12/97	2.04	0.65	4.74	1.55	0.23	2.54	93.96	93.25	94.34	906.4	905.0	908.2	28.2
20/12/97	1.00	0.00	3.90	1.41	0.05	4.21	91.03	78.14	94.14	907.3	904.3	912.0	19.4
21/12/97	2.64	1.31	4.15	3.66	2.28	4.56	74.93	62.91	84.80	916.4	912.6	919.0	8.4
22/12/97	3.27	1.37	6.57	1.78	-0.31	3.61	91.53	79.55	95.87	917.7	915.2	919.0	0.4
23/12/97	4.61	3.06	6.41	1.54	-0.21	3.78	94.32	92.99	95.55	911.4	905.0	915.2	0.8
24/12/97	4.16	0.80	6.40	1.96	-0.08	4.30	83.11	67.52	95.62	903.7	888.3	910.7	18.2
25/12/97	2.55	0.07	5.96	0.34	-0.94	2.40	88.38	71.62	95.36	895.4	889.0	901.1	21.2
26/12/97	4.03	2.89	5.53	0.56	-0.05	1.29	86.83	71.81	94.72	900.4	893.4	905.0	0.2
27/12/97	4.44	2.90	6.10	0.72	-0.12	1.33	81.11	72.96	87.68	907.2	905.0	910.1	0.4
28/12/97	4.15	2.06	6.29	-0.03	-0.60	0.87	78.84	75.58	83.65	908.5	907.5	910.1	0.0
29/12/97	2.85	0.29	5.96	0.00	-1.44	0.97	77.27	54.08	90.94	910.1	908.8	911.4	0.0
30/12/97	5.93	2.55	8.23	2.04	-0.01	4.54	92.99	83.14	96.58	897.6	886.4	908.2	0.0
31/12/97	5.72	3.61	7.80	0.64	-2.12	5.18	79.35	65.15	96.70	895.3	884.5	903.7	50.4



Lochnagar: Daily summary data: January 1998

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/01/98	7.08	4.46	11.49	-1.12	-2.64	2.04	86.49	69.89	95.23	891.7	891.7	903.7	0.2
02/01/98	5.43	2.80	6.70	0.92	0.08	2.23	83.24	73.34	93.95	882.9	882.9	888.3	5.0
03/01/98	7.76	4.52	11.41	0.26	-0.72	1.52	89.05	78.78	94.21	874.5	874.5	888.3	4.2
04/01/98	4.68	0.42	9.70	-1.41	-2.80	-0.21	78.51	56.45	88.51	885.5	885.5	889.0	3.4
05/01/98	3.11	0.23	5.25	-1.09	-2.37	-0.24	74.97	62.78	87.68	895.4	895.4	903.0	0.0
06/01/98	4.52	2.35	8.00	-1.00	-2.19	0.48	73.48	36.29	93.25	904.6	904.6	908.2	0.0
07/01/98	4.33	3.40	5.94	-0.33	-1.81	0.80	83.11	73.22	92.99	897.8	897.8	899.2	0.0
08/01/98	5.00	3.52	7.99	-0.69	-2.35	1.34	73.73	59.01	92.80	906.3	906.3	909.4	0.0
09/01/98	8.83	4.93	12.17	5.40	0.15	7.47	89.46	75.07	97.47	908.2	908.2	911.4	0.2
10/01/98	6.21	1.91	8.86	7.06	5.14	8.64	88.96	70.14	97.73	912.4	912.4	914.6	5.6
11/01/98	5.70	3.41	8.07	6.70	4.42	10.82	73.68	48.00	90.69	910.6	910.6	915.8	4.0
12/01/98	5.76	4.25	7.86	3.47	2.45	4.59	81.71	74.62	89.66	907.7	907.7	910.7	4.8
13/01/98	2.43	0.00	6.62	1.77	-0.75	4.90	76.86	47.49	91.65	905.9	905.9	907.5	4.4
14/01/98	2.43	0.00	6.50	0.30	-0.78	1.36	83.90	74.18	92.29	901.2	901.2	903.0	0.4
15/01/98	4.94	1.95	7.85	-0.30	-1.70	1.08	80.70	60.67	91.71	898.6	898.6	903.0	1.8
16/01/98	4.94	2.35	7.54	-1.09	-2.68	-0.15	76.72	51.33	87.23	909.6	909.6	917.1	0.0
17/01/98	1.07	0.00	5.16	-2.74	-3.67	-1.10	78.86	66.43	84.80	914.3	914.3	917.1	0.0
18/01/98	1.71	0.00	4.77	-1.28	-4.40	0.57	88.80	80.32	93.44	900.1	900.1	909.4	0.0
19/01/98	0.00	0.00	0.00	-5.25	-7.31	-4.14	82.98	79.81	84.54	913.7	913.7	925.4	0.0
20/01/98	0.00	0.00	0.00	-4.09	-6.26	-2.51	81.82	70.21	85.18	929.5	929.5	931.8	0.0
21/01/98	7.02	0.00	10.82	0.40	-2.56	3.98	89.79	75.26	96.00	925.9	925.9	927.4	0.0
22/01/98	4.71	0.32	8.06	4.83	3.69	7.17	94.54	79.87	96.45	927.6	927.6	931.2	25.8
23/01/98	2.01	0.00	4.02	0.83	-3.60	6.79	88.94	66.43	94.59	937.6	937.6	942.1	3.0
24/01/98	0.89	0.22	1.79	-2.61	-3.36	-1.73	87.01	81.86	89.22	942.7	942.7	945.3	4.6
25/01/98	0.32	0.02	1.26	-3.66	-4.85	-2.62	77.58	54.02	81.86	940.7	940.7	942.7	0.0
26/01/98	0.77	0.03	3.30	-0.06	-3.20	3.77	35.00	10.22	51.71	935.9	935.9	938.9	0.0
27/01/98	2.18	0.10	5.92	-0.65	-4.45	2.95	60.95	14.07	74.62	926.5	926.5	931.2	0.0
28/01/98	1.74	0.03	4.62	1.17	-0.31	2.12	73.48	68.22	79.49	925.1	925.1	927.4	0.0
29/01/98	2.53	0.29	4.74	2.04	1.00	2.59	81.04	73.47	91.65	926.5	926.5	929.9	2.6
30/01/98	2.72	0.02	5.58	0.23	-1.42	1.48	84.35	72.19	92.67	922.8	922.8	924.8	2.2
31/01/98	1.85	0.01	3.56	-1.96	-2.91	-1.07	83.26	77.06	92.29	922.3	922.3	923.5	0.0

Lochnagar: Daily summary data: February 1998

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/02/98	3.29	2.21	4.26	-0.68	-1.45	0.23	79.33	66.43	85.95	917.5	917.5	919.7	0.0
02/02/98	6.15	2.43	8.88	-3.34	-5.21	-1.26	74.15	65.92	83.65	914.3	914.3	916.5	0.2
03/02/98	5.58	2.57	9.97	-0.16	-3.99	2.21	76.44	70.72	86.40	909.0	909.0	912.6	0.0
04/02/98	5.46	2.83	9.76	0.40	-1.32	1.60	76.02	66.11	82.24	909.0	909.0	913.9	0.4
05/02/98	4.55	2.91	7.69	2.39	1.26	3.38	79.39	74.69	82.05	913.0	913.0	915.8	4.2
06/02/98	6.31	3.09	8.84	1.79	-0.72	3.00	82.32	73.15	91.97	904.5	904.5	910.1	2.4
07/02/98	5.36	3.10	7.27	-1.17	-2.14	-0.09	73.19	60.22	79.17	911.5	911.5	920.3	18.0
08/02/98	7.04	4.67	9.27	3.24	-0.01	5.52	81.41	70.46	90.18	913.8	913.8	919.7	0.2
09/02/98	5.76	4.52	7.68	5.43	2.89	6.26	82.97	71.68	87.10	913.0	913.0	914.6	9.2
10/02/98	4.67	2.46	8.32	2.45	1.58	3.06	78.50	67.07	94.34	918.8	918.8	921.6	4.2
11/02/98	6.23	4.54	8.50	6.84	2.96	8.61	85.25	82.05	92.42	912.2	912.2	918.4	4.2
12/02/98	5.34	4.09	7.79	8.02	7.03	9.16	84.52	79.36	89.98	918.8	918.8	922.9	4.8
13/02/98	5.62	3.38	7.88	8.67	8.00	9.36	84.63	79.42	88.51	926.4	926.4	928.6	2.8
14/02/98	5.72	3.65	7.99	8.28	6.60	9.13	88.02	79.62	97.09	925.9	925.9	927.4	1.4
15/02/98	5.97	3.70	8.22	8.05	5.77	10.37	85.52	71.94	96.96	921.7	921.7	928.0	2.4
16/02/98	6.34	1.77	11.24	3.25	-0.32	7.16	83.09	26.02	96.00	918.5	918.5	931.8	1.6
17/02/98	5.34	3.34	7.09	8.01	4.29	12.17	62.51	23.78	84.86	933.5	933.5	936.3	4.2
18/02/98	4.15	1.63	6.69	6.96	2.73	11.38	71.86	42.37	84.22	930.0	930.0	936.3	0.0
19/02/98	4.88	2.83	7.70	4.80	3.25	6.16	85.48	71.94	95.55	921.9	921.9	924.2	0.0
20/02/98	6.70	4.67	10.28	4.98	3.75	6.66	91.75	79.04	97.41	908.3	908.3	919.0	4.8
21/02/98	4.69	1.53	7.26	1.48	-0.96	5.15	73.14	47.49	88.51	905.3	905.3	910.1	32.2
22/02/98	4.27	2.02	6.50	0.41	-1.59	2.59	72.13	65.54	77.76	918.9	918.9	922.9	0.0
23/02/98	5.83	3.91	8.53	6.03	2.85	7.20	83.39	75.46	86.72	924.8	924.8	930.6	4.8
24/02/98	5.88	3.79	9.15	5.91	3.62	6.92	76.71	66.50	86.59	935.4	935.4	938.9	3.0
25/02/98	5.76	3.85	7.76	3.24	2.74	4.75	72.01	64.83	76.99	933.0	933.0	938.9	0.0
26/02/98	6.96	5.02	8.43	1.67	0.29	4.32	73.54	63.49	84.67	918.8	918.8	922.9	1.6
27/02/98	6.36	3.72	11.21	-1.48	-5.39	2.32	79.11	67.46	90.56	902.2	902.2	908.2	8.4
28/02/98	3.69	2.02	5.71	-5.19	-6.00	-3.88	71.60	61.63	80.00	909.3	909.3	912.0	0.6

Lochnagar: Daily summary data: March 1998

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/03/98	4.24	0.59	6.79	-5.23	-7.72	-2.61	67.17	42.75	80.13	907.5	907.5	911.4	0.0
02/03/98	6.21	1.06	11.63	-1.95	-3.44	0.18	67.19	30.02	83.46	904.9	904.9	909.4	0.0
03/03/98	4.39	2.74	7.04	0.03	-2.20	2.77	75.13	54.14	93.89	896.7	896.7	902.4	4.6
04/03/98	4.67	2.36	7.64	-1.93	-3.04	-0.44	71.05	65.41	82.94	893.1	893.1	901.1	2.0
05/03/98	4.22	1.03	6.12	-4.45	-5.91	-2.46	66.10	30.42	84.86	910.9	910.9	917.8	0.0
06/03/98	4.81	0.70	8.46	-4.55	-7.24	-2.98	71.61	54.21	82.18	912.7	912.7	918.4	0.0
07/03/98	2.43	0.00	8.29	-2.45	-3.28	-0.92	84.33	78.85	86.72	902.0	902.0	911.4	0.0
08/03/98	1.73	0.00	4.58	-3.84	-5.92	-2.40	76.03	61.25	86.34	919.9	919.9	925.4	0.0
09/03/98	4.04	2.33	6.38	-1.34	-3.29	1.35	72.43	65.34	78.27	927.4	927.4	928.6	0.0
10/03/98	4.94	0.54	8.76	0.28	-1.24	1.57	89.88	75.01	94.66	914.9	914.9	926.7	0.0
11/03/98	7.11	4.13	11.11	-2.44	-4.85	0.56	78.23	61.70	93.12	920.4	920.4	929.3	0.6
12/03/98	5.61	2.70	9.10	0.30	-5.06	3.41	77.55	50.62	90.37	926.3	926.3	929.3	0.0
13/03/98	4.78	1.49	9.10	3.19	1.75	4.86	75.76	67.46	81.02	930.4	930.4	933.1	0.0
14/03/98	5.30	1.27	9.96	5.97	3.62	8.03	66.08	37.31	82.82	933.9	933.9	935.7	0.4
15/03/98	6.12	3.61	11.61	6.19	4.34	7.37	75.15	61.70	83.01	933.4	933.4	935.0	0.0
16/03/98	4.72	2.90	6.61	5.25	1.77	6.61	82.05	74.50	88.38	928.4	928.4	931.8	0.6
17/03/98	5.82	2.12	8.73	2.85	0.59	6.14	70.00	51.46	87.87	926.6	926.6	929.3	1.4
18/03/98	4.09	1.94	6.53	0.77	-0.60	3.24	64.35	48.70	77.25	935.6	935.6	942.1	1.0
19/03/98	3.36	1.87	4.54	1.57	-0.63	3.52	75.60	61.63	88.06	942.9	942.9	944.0	0.0
20/03/98	3.81	1.89	6.57	3.91	1.70	6.40	75.53	61.31	89.22	942.3	942.3	942.7	1.0
21/03/98	1.63	0.33	3.26	2.30	1.36	4.43	80.09	71.42	89.86	942.7	942.7	943.4	0.2
22/03/98	1.01	0.11	2.87	1.24	-0.89	5.07	77.67	64.51	86.02	940.5	940.5	942.1	0.0
23/03/98	4.46	1.03	9.25	0.78	-0.17	1.64	81.85	74.30	93.18	932.6	932.6	938.9	0.0
24/03/98	3.37	0.92	8.50	1.35	-0.34	2.97	74.28	58.18	93.82	928.1	928.1	930.6	7.2
25/03/98	4.25	1.50	6.73	2.49	0.41	4.75	86.42	62.27	95.74	922.5	922.5	929.3	0.0
26/03/98	5.35	3.29	7.81	4.08	0.71	6.90	81.65	57.54	96.13	903.9	903.9	913.9	14.8
27/03/98	5.76	3.92	8.74	3.49	0.77	6.57	81.96	69.89	96.13	911.0	911.0	913.9	11.0
28/03/98	4.72	3.33	7.07	5.53	3.62	9.44	80.35	53.12	95.68	913.2	913.2	914.6	0.4
29/03/98	2.27	0.21	3.91	4.35	3.56	4.97	94.55	85.38	96.70	916.3	916.3	918.4	0.4
30/03/98	4.69	2.77	8.22	6.28	4.48	7.41	91.23	74.18	97.15	909.9	909.9	915.8	18.0
31/03/98	3.02	1.14	6.28	3.08	0.86	4.71	91.35	80.19	95.55	921.5	921.5	923.5	3.4

Lochnagar: Daily summary data: April 1998

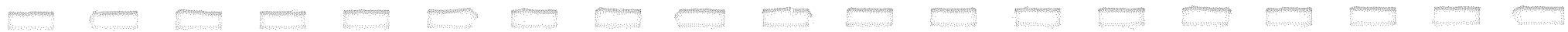
Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/04/98	0.78	0.00	2.56	-0.26	-1.22	1.07	92.52	85.82	95.23	920.8	920.8	922.9	3.2
02/04/98	2.08	0.00	5.18	-1.21	-2.25	-0.04	88.16	80.64	93.82	912.8	912.8	917.8	2.8
03/04/98	2.97	0.00	6.00	-2.15	-2.71	0.05	89.23	88.38	92.74	896.6	896.6	905.0	0.6
04/04/98	1.98	0.00	3.73	0.36	-0.04	1.20	93.98	93.25	94.66	893.8	893.8	895.4	0.0
05/04/98	0.34	0.00	2.98	-0.02	-1.54	1.69	94.00	92.86	95.36	897.4	897.4	899.8	0.0
06/04/98	0.87	0.18	1.66	1.75	0.66	2.96	94.82	93.89	96.70	904.7	904.7	909.4	0.0
07/04/98	1.68	0.19	3.55	1.01	0.13	1.82	94.16	93.57	95.04	912.8	912.8	914.6	0.0
08/04/98	2.42	0.05	5.50	-1.19	-3.90	0.11	92.73	88.32	94.08	911.2	911.2	913.9	1.0
09/04/98	3.94	0.07	5.37	-4.83	-9.44	-3.05	84.89	77.70	88.51	913.3	913.3	913.9	1.6
10/04/98	5.05	0.09	8.07	-4.46	-9.36	-2.57	84.85	77.44	87.62	913.1	913.1	914.6	1.6
11/04/98	5.19	4.08	6.14	-3.86	-4.86	-2.32	85.72	84.16	87.87	914.2	914.2	915.2	0.4
12/04/98	6.46	4.91	8.04	-4.05	-5.14	-2.70	85.32	83.52	87.87	914.4	914.4	916.5	0.0
13/04/98	5.91	3.59	7.57	-5.06	-6.61	-3.55	83.72	81.22	86.02	911.2	911.2	915.8	0.0
14/04/98	5.42	3.34	7.00	-4.56	-6.69	-2.88	82.43	77.25	85.12	904.0	904.0	905.6	0.0
15/04/98	3.50	0.96	6.44	-2.57	-4.26	-0.83	74.75	54.66	87.81	902.2	902.2	904.3	0.0
16/04/98	5.52	0.07	10.01	-2.60	-5.32	-0.88	85.53	64.83	90.43	899.7	899.7	903.7	0.2
17/04/98	7.08	1.77	10.48	-1.37	-2.33	0.03	85.37	77.95	89.34	907.9	907.9	912.6	0.0
18/04/98	2.09	0.10	6.25	0.26	-3.51	7.01	62.44	39.55	84.16	913.4	913.4	913.9	0.0
19/04/98	4.45	2.26	6.35	0.88	-0.45	2.14	77.37	51.33	88.51	912.8	912.8	913.9	0.0
20/04/98	1.72	0.08	5.65	1.94	0.73	3.24	94.25	83.20	96.77	912.4	912.4	915.2	0.0
21/04/98	3.65	0.94	7.96	2.81	1.09	4.06	88.95	76.35	96.06	916.4	916.4	917.1	0.0
22/04/98	4.98	3.00	7.76	4.31	3.09	6.14	96.39	95.74	97.22	914.9	914.9	915.8	0.0
23/04/98	3.34	0.45	7.04	4.84	3.03	7.22	81.46	68.42	97.09	913.1	913.1	914.6	0.4
24/04/98	3.22	1.27	7.08	4.88	4.10	6.01	76.81	62.14	94.27	911.9	911.9	914.6	1.8
25/04/98	3.63	1.88	4.60	3.36	1.69	4.78	77.38	62.40	90.75	908.2	908.2	910.7	5.4
26/04/98	2.34	0.55	4.08	3.04	1.71	4.19	84.72	76.74	91.39	905.3	905.3	906.9	8.2
27/04/98	1.86	0.17	3.12	2.72	1.46	4.77	81.41	71.04	93.82	907.0	907.0	910.7	10.2
28/04/98	2.10	0.51	4.42	3.69	2.21	6.41	76.72	61.38	95.42	910.5	910.5	912.0	1.8
29/04/98	2.24	1.03	4.59	3.73	1.86	6.94	86.41	70.08	95.87	916.4	916.4	922.2	0.8
30/04/98	1.68	0.09	3.28	2.58	1.04	3.78	91.50	81.41	96.45	927.7	927.7	932.5	0.2

Lochnagar: Daily summary data: May 1998

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/05/98	1.08	0.00	2.37	5.24	0.20	11.34	69.24	43.65	88.51	930.1	930.1	932.5	0.2
02/05/98	4.23	0.78	6.65	3.25	-0.53	5.19	84.57	77.31	94.91	928.8	928.8	931.2	0.2
03/05/98	2.78	0.49	4.87	4.20	-1.40	10.68	71.35	42.43	88.83	929.9	929.9	931.8	0.8
04/05/98	4.35	2.71	6.94	4.86	1.51	6.78	69.68	50.43	86.85	921.3	921.3	926.1	2.0
05/05/98	2.67	0.03	5.33	1.82	0.54	3.76	78.73	70.27	90.05	908.0	908.0	915.2	0.2
06/05/98	3.05	1.69	5.41	2.59	0.72	5.32	70.64	56.32	82.11	902.1	902.1	904.3	9.0
07/05/98	4.66	1.66	6.35	4.04	1.45	6.77	76.65	54.02	94.53	903.9	903.9	910.7	7.6
08/05/98	3.40	1.03	5.72	5.02	1.90	8.94	63.50	43.65	78.72	918.2	918.2	923.5	2.6
09/05/98	3.01	0.96	4.74	7.51	4.93	11.43	75.69	52.80	95.04	920.4	920.4	922.9	0.4
10/05/98	3.35	0.67	6.65	5.86	1.85	11.34	58.92	29.07	83.84	927.9	927.9	930.6	0.0
11/05/98	2.49	0.07	6.25	5.57	3.10	9.22	49.10	34.50	72.83	930.7	930.7	931.2	0.0
12/05/98	5.06	2.57	7.68	6.42	2.42	11.06	72.34	50.37	88.38	931.5	931.5	933.1	0.0
13/05/98	4.85	2.55	7.79	14.55	10.63	18.91	69.74	50.75	87.62	932.2	932.2	933.1	0.0
14/05/98	2.44	0.00	5.58	15.60	11.63	17.95	67.32	51.39	93.06	932.1	932.1	933.1	0.0
15/05/98	0.49	0.00	1.24	10.70	9.19	13.00	90.59	75.14	100.74	933.6	933.6	934.4	0.4
16/05/98	0.65	0.00	1.90	10.21	7.83	13.88	88.84	68.86	95.30	934.3	934.3	935.7	0.2
17/05/98	1.48	0.04	3.07	12.66	7.05	16.94	65.43	43.46	97.79	934.8	934.8	935.7	0.0
18/05/98	0.92	0.00	2.97	10.60	7.12	15.80	77.89	61.76	97.47	935.0	935.0	936.3	0.0
19/05/98	1.35	0.34	3.57	8.79	5.67	13.63	79.77	59.07	96.38	935.5	935.5	936.3	0.0
20/05/98	1.53	0.14	3.24	5.14	3.08	6.82	95.33	90.94	97.73	931.7	931.7	933.8	3.4
21/05/98	3.90	1.49	5.13	4.84	2.01	8.97	74.64	60.10	89.41	931.7	931.7	933.8	4.2
22/05/98	3.00	0.99	4.81	6.56	2.49	9.81	78.86	53.38	92.03	932.5	932.5	933.8	0.4
23/05/98	3.24	0.93	5.34	8.18	6.11	12.47	79.53	61.12	91.07	928.7	928.7	931.8	0.0
24/05/98	3.28	1.86	5.67	9.60	6.20	14.20	58.29	29.76	90.11	922.4	922.4	926.1	0.2
25/05/98	3.56	2.09	4.45	5.94	3.00	7.99	80.31	59.97	94.14	914.1	914.1	919.0	1.4
26/05/98	4.56	3.30	5.31	1.27	-0.12	3.15	94.07	89.47	95.42	915.7	915.7	918.4	4.8
27/05/98	4.05	2.61	5.01	2.08	0.28	3.52	94.85	93.95	95.30	918.8	918.8	921.6	7.6
28/05/98	2.41	1.26	3.47	3.51	1.62	5.00	95.47	94.66	96.19	922.8	922.8	925.4	5.8
29/05/98	2.05	0.79	3.63	4.82	3.19	6.48	95.12	86.85	98.24	926.6	926.6	928.0	9.8
30/05/98	0.57	0.00	1.48	5.11	2.80	8.58	85.46	54.85	97.34	926.5	926.5	927.4	1.6
31/05/98	1.63	0.11	2.81	3.62	2.29	6.81	89.08	52.10	96.77	921.6	921.6	924.2	2.4

Lochnagar: Daily summary data: June 1998

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/06/98	1.42	0.20	2.02	1.59	0.81	2.24	95.33	94.98	95.68	921.4	921.4	922.2	17.0
02/06/98	2.08	0.32	3.16	1.62	0.39	2.79	92.57	82.43	96.70	919.6	919.6	922.2	6.4
03/06/98	2.50	0.00	3.73	1.85	-0.35	4.75	84.20	64.96	96.13	917.9	917.9	921.6	0.2
04/06/98	1.63	0.03	4.41	4.01	1.50	6.85	82.60	64.64	93.31	924.7	924.7	926.7	2.4
05/06/98	3.74	1.27	6.85	7.16	4.00	10.18	66.88	46.40	85.12	925.8	925.8	926.7	1.4
06/06/98	3.79	0.96	8.26	5.43	3.75	8.31	95.12	83.26	98.75	917.8	917.8	923.5	0.6
07/06/98	1.25	0.15	2.71	8.47	5.67	11.94	92.51	72.00	100.42	910.7	910.7	912.0	10.2
08/06/98	2.77	0.70	4.29	4.35	3.05	5.93	93.51	81.47	98.18	911.6	911.6	913.9	11.0
09/06/98	2.11	0.92	5.47	7.26	4.48	10.59	94.14	84.54	100.48	901.3	901.3	907.5	11.6
10/06/98	4.09	2.06	5.22	3.75	0.06	6.82	89.75	72.58	97.15	904.6	904.6	912.6	22.2
11/06/98	3.76	1.94	5.50	1.22	-0.35	4.46	81.52	68.42	91.07	918.6	918.6	923.5	4.0
12/06/98	2.58	0.25	5.50	4.38	0.45	9.45	60.95	37.38	88.06	923.1	923.1	924.2	5.2
13/06/98	1.50	0.28	2.66	5.31	2.90	8.78	74.82	56.90	91.20	918.9	918.9	921.0	2.2
14/06/98	2.97	0.62	4.88	4.78	2.50	8.80	78.40	56.83	96.45	921.0	921.0	924.2	0.0
15/06/98	1.99	0.91	2.74	3.87	2.43	5.11	96.31	92.29	97.02	925.1	925.1	926.7	4.0
16/06/98	1.14	0.00	2.92	4.86	2.85	8.41	88.82	61.63	98.69	927.1	927.1	928.0	7.2
17/06/98	1.94	0.00	2.91	7.24	4.22	11.22	66.67	44.48	91.78	927.3	927.3	928.0	0.8
18/06/98	2.26	0.00	5.43	8.05	4.59	12.47	74.39	52.29	94.21	925.6	925.6	926.7	0.0
19/06/98	3.15	0.00	6.82	10.53	7.23	13.18	86.48	71.55	96.96	925.3	925.3	926.1	0.0
20/06/98	2.80	0.61	4.81	14.49	9.17	17.18	64.33	44.22	90.30	924.4	924.4	925.4	0.8
21/06/98	3.46	2.07	5.72	12.85	8.52	14.61	78.43	47.94	99.33	918.7	918.7	922.9	0.0
22/06/98	3.83	2.10	5.27	8.69	7.35	11.34	67.91	48.32	84.22	920.4	920.4	922.2	0.4
23/06/98	4.05	2.10	6.39	10.76	7.42	14.80	90.74	79.62	99.90	917.4	917.4	921.0	8.2
24/06/98	3.19	1.67	4.76	11.28	10.11	12.51	91.82	68.54	102.27	914.5	914.5	916.5	5.6
25/06/98	2.68	0.81	4.17	10.38	8.17	12.86	72.01	56.26	83.78	913.7	913.7	915.8	6.6
26/06/98	2.46	1.35	4.38	8.07	7.02	10.59	78.71	63.17	89.02	911.4	911.4	912.0	1.0
27/06/98	1.82	0.66	3.45	8.23	6.50	11.33	81.67	68.61	91.20	910.3	910.3	911.4	27.2
28/06/98	4.06	2.13	7.21	8.26	6.77	10.48	79.39	69.18	87.55	914.3	914.3	916.5	16.2
29/06/98	3.54	1.44	5.93	8.19	7.18	11.31	87.25	71.30	96.77	917.1	917.1	918.4	0.2
30/06/98	4.39	2.27	6.03	7.15	6.49	8.10	97.58	91.01	99.14	920.1	920.1	924.8	11.8



Lochnagar: Daily summary data: July 1998

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/07/98	3.29	1.07	4.91	7.53	6.22	9.19	98.07	90.94	99.84	927.3	927.3	930.6	1.2
02/07/98	1.50	0.08	3.36	8.64	4.52	13.39	83.22	57.47	99.90	929.8	929.8	930.6	0.0
03/07/98	2.87	0.04	6.80	11.90	6.49	16.62	60.44	39.87	92.48	928.2	928.2	929.3	0.0
04/07/98	5.40	3.45	8.43	10.48	9.09	12.06	82.78	72.06	89.79	926.0	926.0	928.6	1.4
05/07/98	4.60	1.91	8.27	9.62	6.40	12.04	82.96	70.53	92.54	920.0	920.0	921.6	2.6
06/07/98	3.11	1.28	5.53	6.06	3.50	7.82	81.88	70.85	94.59	922.3	922.3	923.5	0.4
07/07/98	3.84	2.26	5.26	7.08	2.97	11.45	72.02	50.69	95.36	922.4	922.4	923.5	1.6
08/07/98	4.85	3.51	7.23	10.59	7.09	13.39	81.60	71.68	91.14	916.6	916.6	921.0	0.4
09/07/98	2.98	1.71	4.09	10.00	7.99	12.15	75.31	59.33	96.64	916.9	916.9	919.0	0.4
10/07/98	2.11	0.89	3.32	8.46	6.74	11.45	75.52	65.54	91.58	915.2	915.2	918.4	0.0
11/07/98	3.26	1.14	5.35	8.04	6.10	10.68	71.48	52.74	86.53	911.2	911.2	912.0	10.0
12/07/98	1.83	0.00	3.45	5.46	3.88	7.13	87.12	66.62	96.96	906.3	906.3	911.4	0.2
13/07/98	5.59	2.94	8.32	5.25	3.64	6.40	87.02	78.02	96.32	906.9	906.9	911.4	37.2
14/07/98	4.69	1.60	8.71	6.64	4.86	8.85	78.90	70.59	88.77	914.1	914.1	915.8	2.6
15/07/98	2.00	0.61	3.74	8.16	4.38	12.46	70.50	51.46	82.94	915.8	915.8	916.5	0.0
16/07/98	2.26	1.24	3.83	8.52	6.14	10.88	70.48	51.97	81.98	916.2	916.2	917.1	2.8
17/07/98	3.40	2.14	5.20	8.47	6.31	10.79	71.99	57.98	92.29	909.8	909.8	913.3	16.8
18/07/98	4.28	2.84	6.45	7.10	5.75	8.41	83.15	69.57	93.89	910.8	910.8	917.1	0.0
19/07/98	3.31	0.02	6.00	7.32	6.53	9.69	93.34	86.34	97.98	916.9	916.9	918.4	1.2
20/07/98	3.77	2.60	6.21	11.74	9.78	13.41	91.68	33.41	101.76	910.9	910.9	912.6	28.4
21/07/98	3.47	1.77	5.43	10.21	9.34	11.97	81.55	24.88	94.98	907.3	907.3	909.4	3.2
22/07/98	4.14	1.67	5.96	9.33	8.10	11.24	77.69	63.74	92.10	912.6	912.6	915.8	8.0
23/07/98	2.58	0.49	4.70	8.07	6.64	9.45	91.81	83.07	99.39	916.0	916.0	922.2	3.4
24/07/98	3.97	2.93	5.47	6.93	5.93	9.64	78.04	67.65	89.28	924.5	924.5	927.4	0.6
25/07/98	3.18	2.22	4.60	7.46	6.03	9.77	79.81	58.75	90.43	925.8	925.8	927.4	2.2
26/07/98	4.14	1.57	5.44	8.09	6.89	9.22	93.92	88.45	98.69	918.7	918.7	922.9	1.0
27/07/98	1.10	0.09	2.43	11.00	8.39	15.37	83.45	60.03	97.60	917.1	917.1	917.8	10.2
28/07/98	0.58	0.00	2.11	10.41	9.44	11.86	93.42	82.50	100.22	915.1	915.1	917.1	18.0
29/07/98	1.58	0.00	3.64	9.00	7.94	9.95	87.83	79.17	98.30	908.7	908.7	913.3	14.0
30/07/98	3.62	1.79	5.98	8.26	7.94	8.52	99.20	98.82	99.39	911.0	911.0	915.8	20.6
31/07/98	3.55	1.72	6.21	8.35	6.56	12.03	95.90	84.86	100.10	920.5	920.5	925.4	3.2

Lochnagar: Daily summary data: August 1998

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/08/98	1.91	0.00	3.85	7.90	4.74	12.10	86.70	66.37	99.65	928.4	928.4	930.6	0.4
02/08/98	3.32	0.00	6.25	8.96	6.29	11.67	82.57	69.63	97.66	927.4	927.4	930.6	0.0
03/08/98	5.71	3.08	7.98	9.57	7.42	12.24	85.61	65.86	99.20	915.1	915.1	920.3	13.0
04/08/98	6.54	3.51	9.65	9.49	7.55	11.74	80.41	67.33	88.51	922.2	922.2	926.1	6.2
05/08/98	5.67	2.76	8.16	10.00	8.77	12.31	76.53	63.30	91.84	928.4	928.4	930.6	0.2
06/08/98	4.84	2.34	8.28	11.66	8.56	13.84	86.19	77.57	92.61	923.4	923.4	926.1	3.0
07/08/98	2.72	0.23	6.61	9.86	7.85	12.31	75.75	59.78	95.68	925.9	925.9	927.4	14.4
08/08/98	2.66	0.63	4.84	11.21	8.58	14.51	87.24	66.11	99.65	925.3	925.3	929.9	7.4
09/08/98	3.61	1.58	5.34	11.33	8.00	15.21	87.98	72.06	101.76	928.5	928.5	929.9	0.2
10/08/98	2.61	0.53	4.28	14.56	12.80	16.36	88.54	76.93	102.02	925.2	925.2	926.7	0.0
11/08/98	1.94	0.00	4.33	13.28	11.50	15.19	80.55	59.78	94.91	924.2	924.2	925.4	0.0
12/08/98	3.46	2.27	5.52	10.39	7.85	13.37	88.18	72.26	101.76	917.3	917.3	920.3	15.6
13/08/98	4.55	2.63	6.13	9.72	6.20	13.96	79.88	57.22	92.86	917.9	917.9	919.7	9.2
14/08/98	4.11	2.92	6.12	11.11	7.41	13.53	84.29	66.94	91.90	912.7	912.7	915.2	1.8
15/08/98	5.12	2.72	7.97	8.17	6.85	9.98	77.17	68.29	85.76	917.0	917.0	921.6	2.0
16/08/98	5.74	3.64	9.10	9.84	7.82	12.84	85.13	69.63	93.25	918.0	918.0	921.6	1.6
17/08/98	5.22	2.15	8.47	9.90	6.87	12.65	82.60	69.38	91.33	916.5	916.5	923.5	10.2
18/08/98	3.61	2.28	5.23	8.37	6.08	10.88	73.90	49.15	87.87	925.7	925.7	926.7	0.2
19/08/98	4.33	2.92	5.90	10.12	8.42	11.76	74.91	36.35	88.00	921.1	921.1	925.4	0.0
20/08/98	4.97	3.43	6.61	9.19	7.30	11.88	81.66	68.42	89.28	909.8	909.8	915.8	3.8
21/08/98	4.01	2.13	5.86	7.44	6.42	9.31	84.87	70.08	90.75	908.6	908.6	913.3	1.6
22/08/98	3.36	1.92	5.34	6.46	4.13	9.50	83.73	64.19	95.68	916.0	916.0	918.4	6.4
23/08/98	2.26	0.69	4.30	5.55	4.19	6.46	93.77	75.52	98.50	915.4	915.4	918.4	2.4
24/08/98	3.41	1.19	5.53	4.77	2.20	7.68	86.18	67.58	97.09	921.8	921.8	925.4	4.6
25/08/98	1.02	0.09	2.59	6.11	2.78	10.73	77.70	59.71	92.54	924.1	924.1	925.4	1.2
26/08/98	2.70	0.00	4.52	4.75	3.44	7.49	78.91	62.14	93.70	927.8	927.8	930.6	0.0
27/08/98	3.08	1.56	4.39	7.16	4.87	9.34	75.95	60.29	90.50	930.7	930.7	931.8	0.2
28/08/98	2.65	1.45	3.80	8.74	6.14	11.31	85.13	74.62	92.80	930.7	930.7	931.8	0.2
29/08/98	2.20	0.00	5.14	11.38	9.28	13.78	87.20	72.26	94.98	929.8	929.8	930.6	1.4
30/08/98	3.28	1.06	7.46	10.69	8.63	12.30	81.29	66.75	100.29	927.3	927.3	928.6	0.0
31/08/98	5.79	2.50	9.81	9.03	7.09	10.23	95.38	77.12	100.99	924.1	924.1	926.1	0.0

Lochnagar: Daily summary data: September 1998

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/09/98	4.74	1.71	8.13	8.98	8.14	9.59	99.93	93.95	101.76	920.0	920.0	921.6	7.0
02/09/98	2.50	0.91	5.11	9.93	8.92	11.29	97.27	90.62	102.78	923.3	923.3	924.8	37.0
03/09/98	0.89	0.00	3.01	8.81	7.19	9.69	100.85	99.78	101.76	923.4	923.4	924.8	1.6
04/09/98	1.07	0.00	5.28	8.03	6.29	10.20	98.18	88.83	102.02	916.0	916.0	921.6	5.2
05/09/98	2.56	0.19	4.92	9.91	7.74	12.42	88.36	73.73	102.27	914.2	914.2	916.5	0.0
06/09/98	3.99	0.06	7.58	10.20	8.88	11.63	93.08	77.89	102.78	913.9	913.9	916.5	0.2
07/09/98	3.40	1.87	4.84	10.76	9.75	11.63	101.88	96.38	104.83	908.3	908.3	910.7	6.0
08/09/98	4.61	3.45	6.55	10.83	9.39	12.21	97.51	83.65	105.60	900.3	900.3	903.7	14.2
09/09/98	2.54	1.70	4.53	10.95	9.53	13.33	92.68	75.01	104.06	896.7	896.7	899.8	14.2
10/09/98	1.66	0.00	3.98	10.34	7.64	12.84	86.51	70.59	95.30	900.4	900.4	903.0	6.0
11/09/98	3.27	2.10	5.04	5.52	3.18	7.35	82.72	70.78	89.86	905.3	905.3	906.9	7.2
12/09/98	1.89	0.37	3.29	3.21	1.75	4.67	87.51	66.37	99.26	904.4	904.4	909.4	2.2
13/09/98	4.43	2.61	6.00	4.14	1.73	6.75	82.65	66.56	98.75	909.7	909.7	910.1	6.6
14/09/98	5.31	2.66	7.25	6.59	4.53	9.11	81.48	63.23	88.26	909.7	909.7	910.7	0.0
15/09/98	4.26	1.98	7.67	5.03	3.94	6.47	80.63	65.86	91.65	907.7	907.7	910.1	0.0
16/09/98	6.99	4.98	9.92	5.34	3.84	6.60	92.00	83.97	100.74	907.9	907.9	917.8	3.0
17/09/98	3.86	0.42	8.64	5.19	3.38	7.54	91.33	72.00	100.22	921.2	921.2	922.9	7.2
18/09/98	3.88	2.54	7.79	9.98	6.71	12.55	81.23	63.74	98.11	923.6	923.6	929.3	1.8
19/09/98	4.07	2.52	6.46	11.21	9.39	14.08	75.21	61.95	85.38	933.7	933.7	936.3	0.6
20/09/98	4.52	1.17	7.53	14.01	10.12	17.61	67.47	40.38	87.04	938.8	938.8	941.4	0.0
21/09/98	2.29	0.00	4.34	18.01	13.41	20.81	46.52	23.38	70.85	940.8	940.8	941.4	0.0
22/09/98	1.06	0.00	4.26	13.89	10.39	17.98	65.13	16.22	90.37	937.0	937.0	940.2	0.0
23/09/98	4.16	2.35	6.41	10.95	6.67	15.65	55.42	16.71	90.82	931.7	931.7	933.8	0.2
24/09/98	3.63	1.17	7.27	6.69	5.93	7.69	88.67	85.38	92.10	927.5	927.5	929.3	0.0
25/09/98	1.36	0.49	2.96	6.38	5.51	7.60	93.11	88.96	100.42	921.9	921.9	925.4	0.0
26/09/98	0.88	0.00	2.49	7.97	6.71	9.53	100.55	99.58	101.76	915.9	915.9	919.0	3.0
27/09/98	2.36	0.84	4.27	8.95	7.92	10.61	95.30	73.34	102.27	913.4	913.4	914.6	1.2
28/09/98	0.72	0.00	2.71	8.07	7.22	8.67	100.93	93.38	102.27	914.4	914.4	915.2	1.0
29/09/98	1.19	0.00	3.76	7.91	6.09	10.73	89.41	69.44	101.76	914.2	914.2	915.8	9.4
30/09/98	2.56	0.97	4.84	7.77	6.97	8.91	100.22	93.76	101.50	917.0	917.0	919.7	0.4

Lochnagar: Daily summary data: October 1998

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/10/98	2.49	1.24	4.12	6.60	5.90	7.22	99.70	99.26	100.22	922.8	922.8	927.4	56.4
02/10/98	1.60	0.80	2.59	4.80	3.71	6.01	91.68	77.31	100.74	928.1	928.1	929.3	15.2
03/10/98	1.87	0.96	3.60	3.79	3.04	4.79	85.99	75.84	90.94	924.6	924.6	927.4	4.4
04/10/98	1.93	0.30	3.04	2.88	2.13	3.42	97.30	86.98	99.20	924.2	924.2	926.1	5.4
05/10/98	2.06	0.62	2.59	3.14	2.02	4.06	98.04	97.60	98.50	929.4	929.4	932.5	13.4
06/10/98	1.74	0.33	2.99	3.90	2.48	5.21	93.37	80.13	100.67	934.3	934.3	935.7	2.2
07/10/98	0.39	0.00	1.83	3.65	1.87	5.59	87.42	77.12	93.82	934.9	934.9	937.6	0.2
08/10/98	1.62	0.00	5.33	6.13	2.28	10.07	65.77	37.89	83.65	935.7	935.7	938.2	0.0
09/10/98	6.32	3.99	9.06	8.63	5.66	10.91	86.91	71.23	99.71	915.9	915.9	928.6	0.2
10/10/98	4.68	2.66	7.17	4.00	2.56	5.56	79.62	53.76	98.43	913.6	913.6	915.8	4.8
11/10/98	6.03	2.72	8.08	2.94	0.78	5.14	80.35	70.08	89.86	906.7	906.7	910.7	1.8
12/10/98	5.19	2.58	9.32	3.82	1.04	5.55	80.58	65.60	91.07	916.2	916.2	921.0	7.2
13/10/98	3.73	1.51	5.49	5.70	4.02	8.46	87.82	68.67	95.74	912.7	912.7	918.4	5.2
14/10/98	5.15	2.72	8.00	2.76	0.11	5.89	80.41	68.16	91.01	911.5	911.5	914.6	4.6
15/10/98	4.77	1.43	8.81	1.29	0.15	2.58	76.89	65.86	91.20	919.2	919.2	923.5	7.6
16/10/98	2.26	0.26	4.57	1.11	0.00	2.19	90.57	70.46	97.54	910.0	910.0	922.9	3.4
17/10/98	5.06	0.00	7.95	-0.89	-3.19	2.08	89.72	67.20	97.15	907.2	907.2	917.1	34.8
18/10/98	4.46	2.62	6.25	0.59	-1.92	2.30	74.37	59.52	84.67	915.9	915.9	918.4	0.4
19/10/98	3.95	2.94	5.67	-0.97	-2.54	0.41	75.73	64.45	82.88	915.9	915.9	920.3	7.6
20/10/98	4.94	0.51	10.04	-0.59	-2.41	4.95	75.12	55.87	99.33	916.0	916.0	921.6	0.2
21/10/98	4.96	3.30	7.65	8.23	5.60	9.38	91.88	83.01	102.02	900.2	900.2	905.0	31.4
22/10/98	6.29	4.02	8.52	8.53	7.13	9.92	83.48	72.77	102.02	901.9	901.9	905.0	12.8
23/10/98	4.56	2.68	7.32	3.24	1.83	7.55	78.67	65.60	92.29	905.5	905.5	912.6	12.2
24/10/98	4.81	1.02	7.47	2.75	0.26	5.16	90.72	77.31	100.10	892.6	892.6	912.0	0.8
25/10/98	6.43	3.71	10.38	0.90	-1.11	3.25	81.18	58.69	92.22	893.8	893.8	902.4	37.0
26/10/98	4.54	3.07	6.26	0.21	-0.93	1.60	78.28	66.05	90.82	906.1	906.1	909.4	0.8
27/10/98	5.66	4.18	8.60	0.82	-0.53	2.92	84.18	72.77	97.73	891.8	891.8	900.5	12.4
28/10/98	5.74	3.95	8.81	0.85	-0.29	2.46	81.66	66.30	89.02	890.2	890.2	896.6	3.0
29/10/98	5.33	3.28	8.21	0.52	-0.57	1.61	78.49	66.75	88.45	906.3	906.3	910.7	7.6
30/10/98	4.15	3.05	6.38	0.28	-0.52	1.59	77.64	69.95	88.13	914.4	914.4	916.5	0.4
31/10/98	3.14	2.07	4.90	-0.15	-0.81	0.72	80.16	72.32	88.26	910.1	910.1	915.2	0.4

Lochnagar: Daily summary data: November 1998

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/11/98	3.84	2.30	5.30	-0.76	-1.63	0.18	77.29	68.16	82.88	908.1	908.1	909.4	0.2
02/11/98	1.82	0.41	6.52	-1.66	-3.27	-0.61	78.33	56.26	94.53	905.5	905.5	909.4	0.0
03/11/98	2.21	0.31	3.53	-1.06	-1.89	-0.34	94.73	84.61	96.51	906.5	906.5	908.8	0.0
04/11/98	4.33	2.22	6.11	-3.40	-4.20	-1.52	81.58	71.42	91.39	910.0	910.0	911.4	0.0
05/11/98	4.81	2.19	8.91	-0.89	-3.93	1.41	82.08	62.78	93.31	905.7	905.7	913.3	0.0
06/11/98	3.76	0.23	7.62	-1.09	-2.92	2.60	73.70	29.38	97.98	922.5	922.5	926.1	1.4
07/11/98	6.38	4.11	8.19	4.11	3.25	4.86	87.49	76.03	92.80	918.1	918.1	922.2	15.4
08/11/98	5.74	3.85	8.93	5.25	3.60	6.31	93.11	84.35	99.78	909.7	909.7	912.6	12.8
09/11/98	7.62	5.52	10.26	4.89	2.91	7.35	85.55	64.64	101.25	898.9	898.9	907.5	27.6
10/11/98	5.01	3.24	7.34	0.67	-0.60	4.06	78.29	70.02	87.87	914.4	914.4	923.5	28.4
11/11/98	4.19	2.51	6.50	1.90	0.56	2.70	83.25	77.95	96.26	921.1	921.1	924.2	0.6
12/11/98	3.76	1.82	7.29	1.96	0.54	2.93	97.41	93.70	97.92	907.3	907.3	912.0	1.8
13/11/98	3.13	0.00	5.57	1.10	-0.06	3.02	92.26	83.71	99.14	905.5	905.5	906.2	26.8
14/11/98	3.54	0.00	5.77	0.61	-0.74	1.44	96.99	96.26	97.73	910.9	910.9	919.7	11.6
15/11/98	0.00	0.00	0.00	-2.14	-3.88	-0.73	93.51	85.31	97.47	924.8	924.8	929.9	8.8
16/11/98	0.00	0.00	0.00	-2.42	-3.31	-1.24	86.13	67.78	94.21	933.4	933.4	935.0	0.0
17/11/98	1.49	0.00	5.85	-1.52	-3.73	-0.25	59.61	44.35	74.11	933.0	933.0	935.0	0.0
18/11/98	1.33	0.09	4.92	-3.00	-4.48	-0.63	60.40	39.55	84.74	930.8	930.8	931.2	0.0
19/11/98	5.41	3.97	7.49	-1.49	-2.62	-0.76	85.38	75.26	97.73	930.1	930.1	930.6	0.0
20/11/98	6.12	4.35	9.05	1.37	-0.81	3.60	98.60	94.14	100.22	927.8	927.8	929.3	0.0
21/11/98	7.50	6.12	9.54	5.69	3.90	6.81	100.03	93.57	103.04	921.1	921.1	925.4	19.4
22/11/98	3.87	2.22	7.82	3.56	1.51	6.46	84.11	72.06	99.46	920.7	920.7	924.2	25.4
23/11/98	4.96	0.36	8.29	0.91	-0.06	2.09	84.33	59.26	99.20	921.4	921.4	925.4	0.2
24/11/98	4.36	2.32	7.33	2.39	0.88	3.48	82.70	71.10	100.48	915.6	915.6	919.0	17.4
25/11/98	4.47	2.42	6.41	1.82	0.08	2.72	82.21	66.24	92.48	916.1	916.1	918.4	0.2
26/11/98	5.77	2.88	8.09	1.46	-0.06	2.66	81.50	64.90	95.55	913.4	913.4	920.3	1.6
27/11/98	4.48	0.59	6.59	3.96	0.92	6.90	87.04	58.18	102.02	918.8	918.8	921.0	10.8
28/11/98	3.78	2.50	5.40	3.49	0.74	6.94	84.49	68.67	102.02	911.8	911.8	915.8	19.8
29/11/98	3.72	2.30	6.94	1.27	0.28	3.70	77.90	63.74	84.67	924.6	924.6	931.8	2.0
30/11/98	2.86	0.46	5.95	7.10	3.62	10.63	89.73	79.49	94.08	934.9	934.9	938.2	0.6

Lochnagar: Daily summary data: December 1998

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/12/98	1.68	0.23	3.68	6.98	4.21	10.12	88.92	80.51	94.98	940.6	940.6	941.4	1.4
02/12/98	2.77	0.72	4.74	4.33	3.42	6.12	77.78	61.50	89.47	937.5	937.5	941.4	0.0
03/12/98	3.91	1.92	5.71	0.74	-2.57	4.43	85.36	78.40	95.81	926.5	926.5	932.5	0.2
04/12/98	5.33	2.51	7.15	-3.99	-5.00	-2.41	86.39	77.06	93.25	922.3	922.3	924.2	1.0
05/12/98	4.62	1.28	6.15	-5.21	-6.07	-4.54	86.90	79.55	88.90	921.3	921.3	926.1	0.0
06/12/98	0.97	0.00	3.02	-4.62	-5.82	0.45	61.72	43.33	81.54	927.2	927.2	928.0	0.0
07/12/98	4.21	0.23	6.16	3.88	-0.75	6.41	78.12	37.12	99.46	926.8	926.8	928.0	1.6
08/12/98	5.18	3.31	7.95	3.83	2.61	5.18	92.47	75.90	101.25	917.7	917.7	921.6	20.2
09/12/98	6.14	4.57	8.79	3.12	1.90	4.45	90.23	75.33	100.29	918.0	918.0	920.3	7.0
10/12/98	5.22	1.61	8.20	4.74	3.70	6.03	93.08	63.87	101.50	911.6	911.6	915.2	4.2
11/12/98	5.10	1.52	9.67	2.48	0.99	3.70	87.01	68.29	100.99	914.0	914.0	917.8	19.4
12/12/98	4.89	1.38	7.72	3.62	2.22	5.63	79.64	62.34	102.02	909.9	909.9	912.0	10.0
13/12/98	4.81	1.76	9.10	2.03	0.13	4.80	84.60	63.94	101.25	916.6	916.6	920.3	0.2
14/12/98	6.21	4.62	7.82	6.88	2.23	9.62	86.44	65.15	97.28	912.7	912.7	916.5	7.4
15/12/98	5.47	3.37	7.07	1.27	-0.26	2.19	80.04	63.81	94.14	919.4	919.4	922.2	4.0
16/12/98	6.69	3.82	9.60	3.65	0.86	5.25	82.93	70.66	91.39	920.8	920.8	923.5	10.0
17/12/98	6.71	3.58	8.60	6.40	1.90	7.71	91.61	80.00	98.50	910.9	910.9	916.5	2.4
18/12/98	4.17	2.17	6.75	0.78	-0.48	1.91	80.99	74.69	85.63	909.3	909.3	911.4	14.6
19/12/98	4.76	2.80	6.37	-1.90	-4.21	0.15	86.78	72.83	95.49	913.9	913.9	919.7	0.0
20/12/98	4.45	2.54	5.61	-4.85	-5.48	-4.15	82.93	77.38	90.18	924.0	924.0	926.1	0.0
21/12/98	4.39	0.38	8.42	-3.00	-5.87	0.68	74.78	60.22	85.76	921.0	921.0	926.1	0.0
22/12/98	5.47	2.91	7.71	0.84	0.17	1.86	84.59	70.59	99.52	917.0	917.0	921.0	0.0
23/12/98	5.12	3.25	6.69	-1.27	-2.81	1.49	76.27	66.62	87.30	911.7	911.7	913.3	9.4
24/12/98	6.58	4.56	8.73	1.59	-1.42	7.13	86.40	75.14	96.51	907.1	907.1	911.4	0.0
25/12/98	4.97	3.85	6.40	0.51	-1.55	4.42	80.39	69.44	90.11	903.2	903.2	905.6	5.4
26/12/98	5.65	3.55	8.39	-1.59	-3.05	1.21	86.75	69.82	99.26	889.9	889.9	903.7	0.0
27/12/98	8.47	3.75	16.62	-1.38	-2.96	1.70	78.44	58.82	99.97	887.7	887.7	894.7	0.0
28/12/98	3.97	0.60	6.96	-2.31	-3.12	-1.31	67.91	42.94	82.82	900.9	900.9	907.5	0.0
29/12/98	6.26	4.18	9.77	-1.09	-2.18	-0.01	92.24	72.58	99.07	907.8	907.8	911.4	0.0
30/12/98	6.25	3.29	9.06	1.62	0.00	3.67	92.01	77.44	99.90	899.2	899.2	908.2	0.0
31/12/98	4.85	2.97	8.25	1.73	0.12	2.76	96.91	85.50	100.74	906.5	906.5	908.2	41.8

Lochnagar: Daily summary data: January 1999

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/01/99	5.88	2.86	8.54	1.60	0.60	2.65	98.62	88.58	101.25	901.7	895.4	906.9	6.8
02/01/99	6.67	5.30	9.13	0.96	-0.09	1.66	99.44	88.13	101.50	886.7	881.9	894.7	33.6
03/01/99	6.08	3.99	9.40	0.22	-1.18	1.85	82.75	67.90	96.70	894.7	889.0	900.5	27.8
04/01/99	7.50	5.27	13.23	0.34	-1.28	2.13	91.02	80.19	97.34	890.1	881.9	903.0	0.2
05/01/99	3.62	0.58	9.23	0.81	-0.90	2.58	87.17	74.18	97.66	906.1	903.0	908.2	0.2
06/01/99	2.68	0.02	4.30	0.58	-0.59	2.19	95.18	86.66	100.99	907.2	905.0	909.4	12.0
07/01/99	1.39	0.00	3.85	-1.36	-2.03	-0.54	88.63	79.62	96.26	907.2	905.0	909.4	7.4
08/01/99	1.50	0.00	4.63	-2.16	-2.98	-1.37	95.91	93.06	97.54	910.8	905.6	917.1	0.0
09/01/99	3.60	1.65	5.51	-2.72	-3.42	-2.14	85.21	72.64	95.23	920.9	917.1	923.5	0.0
10/01/99	3.19	1.94	4.72	-2.17	-2.88	-1.37	80.04	63.04	96.45	923.3	922.2	924.8	0.0
11/01/99	3.89	0.33	8.31	-3.78	-5.40	-2.71	79.78	63.55	94.78	922.5	912.6	926.1	0.0
12/01/99	5.68	2.53	9.65	-2.38	-4.13	-0.73	81.20	66.94	88.70	902.2	898.6	912.0	0.0
13/01/99	5.46	2.86	9.62	-1.48	-2.78	0.10	83.19	69.50	94.98	898.6	888.3	906.2	0.0
14/01/99	7.20	5.04	10.77	-2.45	-4.30	-0.29	81.23	62.46	89.41	895.3	890.9	899.2	0.0
15/01/99	7.81	4.44	11.71	-0.36	-3.70	3.49	85.59	58.30	100.99	885.3	877.4	894.7	0.0
16/01/99	4.01	0.00	7.48	-3.51	-4.13	-2.76	83.36	79.10	87.30	884.3	881.9	887.7	31.2
17/01/99	6.07	3.49	7.98	-1.66	-2.88	-0.26	84.71	75.14	89.02	893.6	887.7	905.6	0.0
18/01/99	5.85	3.00	9.22	-0.58	-1.64	1.38	88.23	64.38	101.25	901.8	894.1	908.2	0.0
19/01/99	6.12	4.53	8.08	1.57	0.01	2.67	91.21	77.57	101.50	897.0	895.4	901.8	0.0
20/01/99	4.99	1.18	8.14	0.97	-0.12	2.86	83.08	40.13	99.26	906.0	902.4	912.6	41.0
21/01/99	5.37	2.98	9.06	-0.39	-1.30	0.63	83.22	70.46	90.56	918.6	912.6	923.5	2.2
22/01/99	7.06	3.91	10.35	0.17	-0.58	1.33	87.51	80.64	93.95	920.0	915.2	924.2	0.0
23/01/99	6.59	4.49	9.30	0.96	-0.05	2.16	92.96	72.26	100.74	908.7	902.4	914.6	1.0
24/01/99	5.74	0.77	8.88	0.10	-0.66	0.69	78.36	-0.02	97.41	909.2	905.0	911.4	0.0
25/01/99	3.67	0.50	6.50	-0.84	-2.10	2.59	76.00	32.10	98.94	904.5	902.4	906.9	0.0
26/01/99	5.53	2.03	10.11	-1.53	-2.36	-1.05	78.78	63.23	88.26	906.0	902.4	911.4	0.0
27/01/99	3.69	1.94	6.62	-0.70	-2.04	1.32	84.54	73.47	95.42	911.2	908.2	913.9	0.0
28/01/99	4.83	2.31	8.20	0.36	-0.48	1.04	86.97	75.65	100.16	916.0	908.2	925.4	0.0
29/01/99	3.19	0.11	5.50	3.01	0.35	6.33	85.15	66.88	95.23	930.7	925.4	935.7	0.0
30/01/99	1.61	0.00	5.96	3.95	0.82	6.15	83.01	72.70	97.22	938.5	936.3	940.8	0.2
31/01/99	1.02	0.00	3.91	3.14	0.12	7.26	80.76	58.62	99.14	941.7	940.2	942.7	0.0

Lochnagar: Daily summary data: February 1999

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/02/99	3.98	1.04	7.49	5.94	3.35	9.19	69.03	49.28	87.30	941.4	940.2	942.7	0.2
02/02/99	5.90	2.28	9.45	4.67	2.47	8.10	76.08	41.02	98.37	935.8	933.8	940.8	0.0
03/02/99	6.02	3.11	9.59	5.61	2.99	7.50	92.23	85.38	101.76	926.5	920.3	935.0	0.4
04/02/99	9.67	5.80	14.68	2.15	-0.92	7.27	82.30	63.62	93.63	913.7	910.7	919.0	3.8
05/02/99	7.03	5.24	11.44	-2.46	-3.74	-1.16	78.70	64.32	95.10	917.9	913.3	920.3	2.8
06/02/99	5.67	2.87	7.42	-2.97	-5.54	-1.08	83.12	52.61	95.55	914.0	910.7	918.4	0.0
07/02/99	6.93	4.00	10.01	-6.34	-7.61	-5.64	80.93	70.08	88.96	913.1	912.0	914.6	0.0
08/02/99	4.17	2.18	5.76	-6.83	-7.42	-6.07	82.18	73.54	88.90	910.3	909.4	912.0	0.0
09/02/99	6.99	5.65	8.39	-6.13	-7.03	-4.99	87.54	81.28	91.39	912.0	910.7	915.8	0.0
10/02/99	4.97	3.04	8.26	-4.26	-5.60	-2.15	84.68	74.62	91.71	919.1	915.8	921.6	0.0
11/02/99	3.56	0.63	9.72	-0.37	-1.90	0.51	80.53	-0.03	94.91	923.3	921.0	924.8	0.0
12/02/99	4.28	1.43	7.37	0.58	-1.25	2.10	86.99	76.99	97.02	926.0	921.6	932.5	0.2
13/02/99	6.04	0.74	10.03	1.20	-0.63	4.86	73.32	34.24	90.37	932.7	928.0	935.0	3.0
14/02/99	5.26	2.43	12.20	1.44	0.49	3.35	86.61	73.34	101.76	925.2	922.2	927.4	3.4
15/02/99	6.31	4.65	10.53	2.80	-1.37	5.74	86.14	69.89	94.40	916.0	907.5	925.4	0.2
16/02/99	7.28	4.56	12.25	-3.67	-7.16	-1.13	85.14	76.48	93.44	910.1	908.8	912.6	3.0
17/02/99	4.76	0.00	9.27	-4.51	-6.81	-2.28	80.03	67.97	92.10	914.9	913.3	916.5	0.0
18/02/99	5.34	2.71	7.90	3.22	-0.38	5.27	93.97	85.31	103.30	912.7	906.2	915.8	3.8
19/02/99	6.29	3.77	9.08	1.26	-0.88	5.70	81.48	69.63	95.74	907.7	903.7	910.1	1.8
20/02/99	5.76	2.25	8.71	-1.15	-2.03	-0.20	84.32	74.30	90.05	908.6	906.2	911.4	0.2
21/02/99	4.99	3.16	7.83	-2.64	-4.71	-0.46	88.31	81.47	97.86	898.1	894.7	905.6	0.0
22/02/99	9.18	5.69	12.02	-3.57	-4.76	-2.61	86.17	77.63	91.65	906.1	896.0	916.5	0.0
23/02/99	3.30	0.00	7.31	-3.92	-4.82	-2.91	76.82	41.86	90.56	917.2	913.9	919.0	0.0
24/02/99	2.84	0.01	7.91	-2.96	-5.44	4.19	69.22	47.94	81.92	917.2	913.9	919.0	0.0
25/02/99	6.78	4.85	9.74	4.90	2.04	8.60	85.07	66.88	96.26	910.3	903.7	917.1	5.6
26/02/99	5.48	2.43	10.77	-0.29	-1.58	2.08	79.14	63.68	95.62	904.8	903.0	906.9	3.0
27/02/99	5.49	4.22	6.50	-2.20	-2.72	-1.49	82.20	63.36	87.30	900.2	897.9	903.0	0.4
28/02/99	6.06	3.76	8.47	-1.65	-2.46	-0.54	84.59	73.66	93.12	901.1	897.9	904.3	0.2

Lochnagar: Daily summary data: March 1999

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/03/99	3.73	2.49	5.31	-0.89	-1.51	-0.03	81.31	75.71	86.46	907.5	903.0	912.6	0.0
02/03/99	4.18	1.83	7.37	0.87	-1.32	3.87	84.17	67.26	101.25	899.7	887.0	912.0	0.0
03/03/99	2.03	0.00	5.56	-0.35	-3.20	2.77	89.41	75.33	99.01	886.2	883.2	892.2	0.6
04/03/99	6.04	4.52	7.14	-2.83	-3.32	-2.25	96.55	94.98	97.54	897.7	892.2	903.0	0.8
05/03/99	4.21	3.48	5.81	-3.33	-3.76	-2.43	94.71	93.76	96.58	905.2	903.0	906.9	0.0
06/03/99	3.26	0.00	5.32	-2.04	-4.10	-0.57	96.93	92.61	99.46	909.8	906.9	912.0	0.0
07/03/99	5.06	3.56	6.09	-3.01	-4.64	-2.01	96.89	92.48	99.39	911.1	910.1	912.0	0.0
08/03/99	0.71	0.00	3.25	-2.64	-6.82	0.76	92.37	79.49	101.50	913.4	911.4	916.5	0.0
09/03/99	0.33	0.00	1.29	-1.66	-3.04	0.15	92.53	81.60	100.03	918.8	916.5	921.0	2.6
10/03/99	3.50	0.00	9.16	-2.42	-4.90	-1.08	82.30	75.58	92.42	919.7	917.1	921.6	0.0
11/03/99	5.99	3.49	9.37	-1.67	-2.55	-0.71	93.42	83.39	99.97	913.1	910.1	917.1	0.0
12/03/99	4.76	2.74	6.02	1.10	-0.65	2.13	95.71	83.97	100.48	908.6	906.9	910.7	0.0
13/03/99	4.49	2.68	6.88	0.84	-0.08	1.66	80.14	66.11	96.26	912.4	909.4	917.1	0.2
14/03/99	4.78	2.66	8.17	1.12	-0.30	2.54	80.64	64.58	92.61	921.7	916.5	927.4	0.0
15/03/99	6.89	4.50	9.13	3.53	1.52	4.91	101.17	86.02	105.60	924.8	922.9	926.7	0.0
16/03/99	5.32	3.83	7.61	7.15	4.61	8.52	91.23	82.50	104.83	927.7	924.8	931.2	0.8
17/03/99	4.07	0.97	7.67	9.54	5.71	12.94	53.42	14.50	91.97	930.1	925.4	932.5	0.0
18/03/99	4.71	3.16	7.91	1.56	-0.17	5.77	79.44	62.14	92.93	925.1	922.2	927.4	1.6
19/03/99	6.51	2.25	9.54	0.95	0.06	2.08	75.05	62.98	91.84	928.9	924.8	931.8	0.4
20/03/99	4.95	3.52	7.12	2.46	0.69	4.40	84.97	65.54	94.40	923.1	911.4	929.9	0.4
21/03/99	4.52	0.00	8.04	0.16	-3.15	2.17	95.65	83.97	101.50	909.4	903.0	917.8	2.6
22/03/99	4.63	2.44	6.22	-0.54	-3.75	3.31	85.93	72.38	97.92	914.5	909.4	919.0	7.4
23/03/99	3.20	1.35	6.82	2.88	1.22	5.00	89.05	79.23	100.35	909.6	905.6	911.4	12.6
24/03/99	5.21	3.68	7.28	2.23	0.24	4.45	80.93	69.38	89.73	903.0	901.8	905.6	8.2
25/03/99	4.26	1.58	6.22	0.87	-0.73	3.62	74.57	64.64	81.73	902.6	901.1	903.7	2.6
26/03/99	1.80	0.08	4.51	0.32	-1.01	3.30	78.59	61.57	91.14	901.7	899.2	905.6	0.2
27/03/99	3.02	1.57	4.44	-0.82	-2.95	1.66	67.83	51.58	81.92	910.0	905.6	914.6	0.4
28/03/99	5.64	1.93	8.78	0.55	-1.91	4.53	82.04	46.66	102.53	909.1	903.0	915.2	0.0
29/03/99	5.16	3.98	6.67	3.67	1.83	4.82	84.97	74.56	95.42	905.9	903.7	908.8	23.4
30/03/99	4.83	2.66	7.21	2.91	1.64	4.61	79.45	68.48	87.42	913.1	908.2	919.0	12.0
31/03/99	3.01	1.44	4.86	4.06	2.54	5.82	91.30	69.50	104.32	919.0	917.8	920.3	2.8

Lochnagar: Daily summary data: April 1999

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/04/99	3.87	2.04	7.69	7.22	4.86	10.18	84.50	63.87	104.83	922.3	920.3	923.5	3.2
02/04/99	3.63	1.05	6.10	8.26	4.95	11.90	64.11	50.43	86.08	922.9	921.0	924.8	0.0
03/04/99	2.68	0.66	5.83	8.12	6.10	11.27	75.04	52.35	92.74	925.2	924.2	926.7	0.0
04/04/99	3.42	1.07	6.43	6.33	5.48	7.09	94.71	54.27	106.37	925.2	920.3	926.7	0.0
05/04/99	4.05	2.57	5.11	7.01	6.05	8.85	91.46	68.54	105.34	918.6	915.2	920.3	12.0
06/04/99	4.13	2.21	6.35	5.12	3.26	7.20	91.99	78.78	103.30	911.8	908.8	915.8	10.2
07/04/99	4.21	2.25	6.05	4.78	2.70	7.29	82.75	58.75	94.85	920.8	915.8	926.1	3.6
08/04/99	4.88	1.44	6.96	9.09	6.12	11.67	75.88	37.63	90.62	925.4	923.5	926.7	0.4
09/04/99	6.68	4.80	9.11	7.74	6.71	8.94	80.15	55.62	89.73	919.6	913.9	923.5	0.2
10/04/99	5.85	3.44	9.64	3.86	0.37	7.23	78.92	63.81	92.42	911.5	908.8	915.8	0.6
11/04/99	4.81	2.40	6.68	1.45	-0.01	2.95	83.47	67.52	98.94	911.8	897.9	919.0	0.4
12/04/99	4.94	2.21	7.74	0.33	-2.81	3.18	92.95	76.29	101.25	899.8	894.7	908.2	13.0
13/04/99	4.05	1.62	6.30	-4.34	-5.61	-2.98	80.10	66.37	95.49	906.5	904.3	908.2	0.4
14/04/99	3.39	0.78	6.34	-3.50	-6.06	-1.16	77.64	51.07	99.14	902.0	900.5	903.7	0.0
15/04/99	5.47	2.69	7.68	-2.52	-5.18	-1.31	96.26	87.42	99.33	904.9	901.1	908.2	0.4
16/04/99	1.31	0.00	3.18	-2.66	-5.94	0.99	69.75	45.89	91.33	912.3	908.2	917.1	0.0
17/04/99	1.58	0.00	4.56	-1.71	-3.78	1.70	79.92	62.21	92.74	917.9	917.1	918.4	5.8
18/04/99	0.65	0.00	2.42	-0.71	-3.31	3.76	76.40	47.74	97.47	920.9	918.4	923.5	2.8
19/04/99	1.02	0.00	2.89	-1.94	-3.57	0.67	84.71	68.16	97.60	923.0	919.7	924.2	0.8
20/04/99	3.97	1.30	5.68	-1.45	-3.77	1.46	94.05	86.21	99.26	909.1	896.0	919.7	2.2
21/04/99	3.36	1.83	4.65	3.19	1.70	3.93	99.08	98.18	99.84	896.0	894.7	896.6	0.2
22/04/99	4.17	2.30	6.43	3.70	2.77	4.19	93.74	81.98	100.22	900.1	895.4	906.9	36.4
23/04/99	3.80	2.38	5.80	3.46	1.94	4.84	86.29	65.09	103.04	911.9	907.5	916.5	4.8
24/04/99	2.77	1.66	4.50	5.08	3.06	7.20	82.04	60.93	102.02	919.9	916.5	922.2	4.0
25/04/99	2.44	0.92	4.97	4.29	3.23	4.87	100.62	98.37	104.83	922.7	921.0	926.1	0.0
26/04/99	0.55	0.00	1.29	4.76	2.99	6.45	99.30	97.98	101.25	932.1	926.1	938.2	0.6
27/04/99	0.57	0.00	1.84	8.50	2.54	15.45	83.49	36.03	107.39	939.7	938.2	940.8	0.2
28/04/99	0.71	0.00	2.59	8.49	6.61	10.95	67.24	36.35	88.19	936.7	933.8	939.5	0.0
29/04/99	3.20	0.00	6.49	10.08	5.06	15.91	64.72	32.74	92.42	927.5	922.9	933.1	0.0
30/04/99	3.08	0.60	6.94	4.74	1.39	9.22	71.45	53.18	89.73	923.8	922.9	924.8	0.0

Lochnagar: Daily summary data: May 1999

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/05/99	2.70	0.56	4.62	4.21	1.22	9.44	71.76	36.93	102.53	926.4	922.9	929.3	0.0
02/05/99	3.36	1.27	5.31	4.87	1.26	7.57	69.14	50.56	102.27	927.6	926.1	929.3	0.0
03/05/99	2.31	0.32	4.38	9.06	6.14	12.40	71.19	52.03	90.82	928.0	926.1	929.9	0.0
04/05/99	4.21	2.36	5.85	8.48	4.45	11.95	61.55	45.50	82.37	929.3	928.0	930.6	0.0
05/05/99	3.50	1.71	5.07	4.06	1.97	8.19	84.43	49.22	105.09	926.1	924.2	928.0	0.0
06/05/99	3.61	2.45	6.62	3.45	2.72	4.82	100.86	99.84	104.32	922.7	921.0	924.2	0.4
07/05/99	2.21	0.35	5.60	5.32	4.69	6.12	100.76	100.03	102.02	919.4	916.5	921.6	3.8
08/05/99	1.56	0.29	4.31	4.92	3.89	6.08	102.65	100.42	109.44	913.4	912.6	915.8	8.4
09/05/99	3.11	1.10	5.32	6.71	4.21	8.38	94.43	70.21	109.18	913.8	911.4	915.2	14.0
10/05/99	3.24	2.26	4.64	7.22	6.19	8.66	91.83	77.63	109.44	910.9	910.1	913.3	20.0
11/05/99	3.22	1.83	4.73	6.52	5.30	8.35	99.47	84.48	107.39	911.2	910.7	912.0	9.0
12/05/99	1.03	0.00	2.86	6.27	4.99	8.56	96.09	87.87	107.65	912.1	911.4	913.3	10.2
13/05/99	0.64	0.00	1.77	4.76	3.36	5.96	104.38	99.46	106.37	914.2	912.6	917.1	33.0
14/05/99	0.90	0.00	2.88	5.65	2.99	9.63	87.61	54.34	105.60	920.3	917.1	924.8	0.4
15/05/99	0.74	0.00	2.15	5.71	3.48	7.72	78.76	62.08	103.55	928.0	924.8	930.6	0.2
16/05/99	0.86	0.00	2.12	5.09	3.44	6.42	95.71	80.90	106.37	931.9	930.6	933.8	0.0
17/05/99	1.41	0.03	3.74	5.15	0.41	10.56	73.61	33.28	105.09	933.9	933.1	935.0	0.2
18/05/99	3.45	0.02	5.54	6.40	1.87	10.38	48.71	31.37	81.79	931.8	929.3	933.8	0.0
19/05/99	3.46	0.67	5.73	9.00	4.49	12.67	47.89	36.29	73.15	925.0	921.6	928.6	0.0
20/05/99	3.12	1.68	4.80	10.69	7.18	14.86	52.73	23.34	71.87	919.8	916.5	921.6	0.0
21/05/99	5.73	4.23	7.36	3.72	-0.84	7.31	82.95	55.68	104.58	906.6	902.4	915.8	3.0
22/05/99	8.09	3.42	12.81	3.61	-0.44	6.05	71.99	41.86	89.92	908.2	903.7	910.7	13.6
23/05/99	5.34	3.58	7.11	6.20	2.97	8.60	71.70	48.70	89.34	912.3	910.1	914.6	7.2
24/05/99	4.87	3.45	6.94	3.68	2.60	5.70	74.59	60.61	84.80	913.5	912.6	916.5	1.0
25/05/99	4.43	3.32	6.02	4.05	1.94	6.70	76.37	64.19	90.50	917.4	915.8	919.0	3.4
26/05/99	3.98	2.06	6.57	8.41	4.28	11.65	80.24	59.90	105.34	916.2	911.4	921.6	7.2
27/05/99	2.95	1.81	4.51	10.35	7.08	14.16	75.16	59.33	94.59	924.2	921.6	925.4	0.0
28/05/99	2.19	0.03	4.61	8.06	4.95	10.00	93.65	37.63	109.44	920.8	917.8	924.8	0.0
29/05/99	2.60	1.19	3.88	3.02	0.76	4.78	100.77	98.30	103.55	927.2	921.6	931.2	23.4
30/05/99	2.25	0.55	4.63	2.73	-0.03	6.96	88.75	58.43	104.06	930.4	929.3	931.2	12.0
31/05/99	3.23	1.22	5.84	8.02	2.71	12.74	59.58	44.74	87.94	927.7	926.1	929.3	1.0

Lochnagar: Daily summary data: June 1999

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/06/99	2.07	0.00	3.79	11.86	7.57	15.75	57.09	34.88	75.07	925.5	924.2	926.1	0.0
02/06/99	1.17	0.00	2.51	9.34	5.79	13.29	72.65	48.38	103.04	919.2	913.9	924.2	0.0
03/06/99	1.35	0.00	2.45	5.23	4.42	5.92	103.73	101.76	107.39	910.1	906.9	913.3	6.0
04/06/99	2.49	1.36	3.49	5.65	3.93	7.46	94.52	78.85	108.16	903.9	902.4	906.9	12.2
05/06/99	1.67	0.05	4.55	4.83	2.49	6.94	91.33	76.80	106.37	907.0	904.3	910.7	12.4
06/06/99	3.84	2.59	4.86	2.16	0.05	4.31	102.10	100.22	104.83	913.9	910.7	917.1	19.6
07/06/99	2.25	0.15	3.44	3.49	0.01	9.08	91.87	56.77	104.83	918.5	917.1	921.0	10.2
08/06/99	3.26	1.60	4.28	4.29	3.05	6.53	102.94	90.05	107.39	924.7	921.0	929.3	17.2
09/06/99	4.50	2.72	5.96	4.99	1.95	9.73	78.68	58.88	102.53	930.0	928.0	931.8	6.2
10/06/99	4.02	1.79	5.37	5.47	2.93	9.13	84.81	66.50	102.78	933.4	931.8	935.0	0.0
11/06/99	2.72	0.58	3.86	3.99	1.72	6.10	102.91	92.80	107.14	934.0	933.1	935.0	0.0
12/06/99	2.44	0.12	4.11	4.98	4.40	5.89	101.69	82.75	104.32	929.0	926.7	932.5	2.2
13/06/99	2.52	0.68	4.50	7.46	5.81	9.06	86.27	74.18	94.85	926.3	926.1	927.4	14.8
14/06/99	5.03	3.28	7.04	9.04	6.36	11.47	84.92	55.81	105.86	926.4	924.8	929.3	2.4
15/06/99	2.88	0.11	7.41	8.97	5.55	13.27	67.63	51.84	90.11	930.3	928.0	931.8	0.6
16/06/99	5.09	2.87	6.65	8.95	7.11	10.47	90.85	66.62	109.44	924.1	921.6	928.0	0.8
17/06/99	2.46	1.30	3.94	8.35	4.36	13.76	65.09	40.06	95.62	928.6	924.2	931.2	4.8
18/06/99	4.19	2.52	7.04	11.87	9.22	15.23	62.38	20.01	92.16	927.4	925.4	929.9	0.0
19/06/99	5.32	1.98	7.77	8.81	6.57	10.90	73.04	25.86	104.58	917.3	908.8	925.4	0.4
20/06/99	3.52	2.02	6.23	4.68	2.43	6.71	84.21	66.56	101.50	915.5	910.1	920.3	13.0
21/06/99	3.39	1.28	4.83	4.35	1.71	8.32	82.66	64.83	97.41	924.1	920.3	927.4	5.0
22/06/99	2.36	0.31	4.90	4.14	0.81	7.74	77.66	51.90	103.81	927.5	926.7	928.6	3.8
23/06/99	1.92	0.00	4.21	7.16	2.74	10.95	76.35	54.08	94.40	931.0	928.6	933.1	0.0
24/06/99	1.40	0.00	3.26	12.72	6.85	17.61	62.39	43.20	84.03	932.5	931.2	933.1	0.0
25/06/99	2.89	0.02	5.11	13.22	11.56	15.82	62.87	47.36	84.16	927.7	922.2	931.2	0.2
26/06/99	4.18	2.71	5.94	11.25	8.60	13.41	82.41	68.03	109.44	916.2	911.4	922.2	0.0
27/06/99	2.37	0.22	6.07	8.83	7.37	10.97	106.09	91.78	112.00	906.4	905.0	910.7	2.4
28/06/99	2.20	0.15	5.07	7.59	6.00	10.63	78.84	58.30	99.46	908.1	904.3	912.0	7.6
29/06/99	3.11	1.64	4.71	7.21	5.84	8.85	80.89	68.16	92.80	914.5	912.0	915.8	2.4
30/06/99	4.98	3.40	8.79	7.74	6.49	9.30	82.42	73.22	93.25	916.1	914.6	917.8	1.4

Lochnagar: Daily summary data: July 1999

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/07/99	2.28	0.05	5.37	9.57	7.44	13.98	84.22	52.48	105.86	919.5	917.1	921.6	1.2
02/07/99	1.96	0.00	4.65	9.96	7.33	13.14	93.63	72.19	111.23	921.1	919.7	921.6	0.0
03/07/99	1.48	0.00	5.04	9.17	8.14	9.91	107.97	104.32	111.49	916.2	914.6	919.7	0.6
04/07/99	2.04	0.01	5.21	11.66	9.84	14.59	89.72	65.79	107.90	914.7	913.3	917.1	8.0
05/07/99	1.19	0.00	2.83	11.91	10.72	15.16	90.96	66.75	107.65	918.6	917.1	920.3	9.2
06/07/99	1.42	0.00	2.47	11.42	9.86	13.45	90.41	78.91	106.11	923.2	920.3	926.7	19.0
07/07/99	2.00	0.14	3.57	11.72	10.14	13.80	87.24	74.11	98.50	930.3	926.7	933.1	2.4
08/07/99	2.36	0.00	4.98	16.18	12.78	20.27	80.66	59.39	97.92	937.3	933.1	940.2	5.0
09/07/99	3.42	0.32	6.37	15.65	13.78	17.69	89.97	76.10	110.98	938.6	936.3	940.2	0.0
10/07/99	1.16	0.00	4.09	14.35	11.13	17.72	103.28	86.72	114.82	936.9	935.7	939.5	0.0
11/07/99	0.76	0.00	3.25	12.34	9.91	15.73	103.78	84.54	112.26	938.0	935.0	939.5	13.4
12/07/99	1.23	0.00	3.52	15.19	12.61	18.64	81.19	61.70	103.55	929.9	924.2	935.0	0.0
13/07/99	3.97	0.80	6.61	11.10	8.02	14.33	81.52	62.40	96.83	914.0	908.2	923.5	0.2
14/07/99	5.39	3.16	8.53	7.61	5.69	9.31	74.60	49.98	90.75	910.6	907.5	912.6	0.6
15/07/99	4.17	2.60	6.34	7.41	5.34	9.89	78.11	54.08	93.06	913.5	910.7	915.8	1.2
16/07/99	3.67	2.72	4.81	9.39	7.38	12.08	81.84	69.89	92.74	918.2	915.8	921.0	4.6
17/07/99	4.51	2.67	6.63	9.80	7.46	14.10	83.22	63.62	109.44	917.5	915.2	921.0	0.8
18/07/99	2.72	0.43	4.48	9.10	6.27	13.37	75.75	56.13	96.83	919.4	918.4	920.3	2.8
19/07/99	3.97	1.55	7.09	10.90	9.86	12.29	104.38	93.89	112.77	914.0	910.7	918.4	7.0
20/07/99	3.02	1.30	5.88	11.37	9.13	13.63	99.37	80.77	112.77	907.1	905.6	910.7	14.0
21/07/99	5.12	2.95	8.32	8.82	6.31	11.49	93.70	86.34	107.14	910.1	906.2	918.4	16.6
22/07/99	5.19	1.94	8.27	6.94	4.49	10.11	82.25	65.47	105.86	926.6	919.0	931.2	0.4
23/07/99	5.90	3.81	8.91	13.23	8.55	16.94	85.74	48.96	101.50	926.1	924.2	929.9	0.0
24/07/99	5.05	3.39	7.38	11.09	6.67	13.88	80.90	64.96	96.38	924.7	922.9	927.4	0.2
25/07/99	2.83	1.76	4.05	7.83	6.52	10.88	77.23	58.62	89.22	930.4	927.4	934.4	0.0
26/07/99	2.67	0.00	4.31	10.86	6.83	15.52	47.78	34.43	64.96	935.8	934.4	937.0	0.0
27/07/99	0.96	0.00	2.52	13.25	8.33	19.12	58.90	34.18	97.92	935.7	934.4	936.3	0.0
28/07/99	1.03	0.00	4.14	14.11	9.67	18.70	67.25	25.72	98.24	934.7	933.8	935.7	0.0
29/07/99	1.36	0.00	4.14	14.95	11.24	19.62	54.49	32.77	78.72	931.4	929.3	933.8	0.2
30/07/99	2.10	0.00	4.46	14.98	12.17	18.22	58.20	23.05	79.30	927.8	927.4	929.3	0.0
31/07/99	2.73	0.35	4.73	16.30	13.90	18.96	61.14	50.56	72.96	926.6	925.4	927.4	0.0

Lochnagar: Daily summary data: August 1999

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/08/99	3.57	1.78	5.41	16.49	13.57	19.62	50.15	36.74	69.38	926.9	926.1	927.4	0.0
02/08/99	2.46	0.65	4.73	17.64	14.98	20.87	48.49	40.96	66.75	925.9	925.4	926.7	0.0
03/08/99	2.44	0.03	5.42	17.03	10.82	20.30	54.08	31.61	104.06	925.2	924.2	926.1	0.0
04/08/99	1.77	0.24	3.77	15.11	10.70	19.01	70.77	44.29	107.14	925.0	924.8	926.1	0.0
05/08/99	1.24	0.13	2.66	12.68	10.88	15.80	87.63	63.55	107.90	923.0	922.2	924.8	0.0
06/08/99	1.06	0.00	3.21	11.42	8.97	15.49	101.25	83.33	113.54	921.5	921.0	922.2	0.2
07/08/99	1.31	0.00	2.69	7.88	6.11	9.84	105.64	90.18	110.98	919.9	919.0	921.0	0.2
08/08/99	3.23	1.99	4.19	6.23	5.08	7.55	103.06	89.86	110.21	917.3	916.5	919.0	0.2
09/08/99	3.36	2.02	4.38	4.64	3.57	5.12	100.66	79.87	107.14	918.3	915.8	921.0	4.4
10/08/99	2.20	0.00	3.58	4.74	2.78	6.86	87.72	65.73	107.39	924.1	921.0	927.4	1.8
11/08/99	0.74	0.00	2.27	6.43	4.13	8.67	84.99	67.78	102.27	928.7	927.4	930.6	1.0
12/08/99	2.12	0.00	5.42	7.43	4.33	10.54	90.23	69.06	106.37	927.6	922.9	930.6	0.0
13/08/99	3.44	1.68	5.52	10.32	7.97	13.78	90.96	61.89	113.54	915.3	910.1	922.2	4.8
14/08/99	1.53	0.16	3.63	8.63	6.46	11.00	86.68	71.81	101.76	906.2	905.0	909.4	4.4
15/08/99	3.62	1.74	5.05	8.07	7.01	10.52	87.91	70.53	97.79	908.2	905.6	910.1	4.2
16/08/99	3.16	1.88	5.00	7.44	5.44	10.56	76.86	50.62	101.25	910.5	908.8	911.4	2.2
17/08/99	3.34	1.72	5.81	7.04	5.71	8.95	91.65	76.67	108.67	909.3	908.8	910.1	4.0
18/08/99	3.27	1.49	4.93	7.41	6.23	8.88	103.94	86.91	110.72	911.4	909.4	913.9	4.0
19/08/99	4.46	3.76	5.65	6.09	4.45	6.86	104.19	102.02	107.39	920.0	913.9	926.7	7.0
20/08/99	3.22	1.46	4.28	4.12	2.77	5.82	95.81	78.34	109.18	930.6	926.7	933.8	5.2
21/08/99	1.53	0.00	3.40	5.89	2.44	9.31	75.20	62.98	89.15	933.7	933.1	934.4	0.2
22/08/99	1.55	0.06	4.83	7.91	4.95	12.03	72.18	54.21	88.00	931.9	930.6	933.8	0.0
23/08/99	2.16	0.00	5.37	8.02	5.89	11.63	74.28	55.81	90.43	929.9	929.3	930.6	0.0
24/08/99	3.54	1.70	5.64	7.23	5.12	9.77	82.26	68.93	91.33	929.1	928.0	929.9	0.0
25/08/99	3.88	1.25	6.37	8.41	6.51	11.24	100.52	83.90	111.49	922.2	915.2	928.0	0.0
26/08/99	3.32	1.75	5.64	12.36	10.16	14.76	95.15	73.60	113.28	912.5	910.7	915.8	9.6
27/08/99	4.12	2.38	6.14	10.48	8.50	13.04	82.72	68.61	98.69	921.0	915.8	925.4	0.2
28/08/99	2.54	0.00	7.00	11.82	8.36	15.45	80.04	57.28	93.18	928.8	925.4	930.6	0.2
29/08/99	4.48	2.04	6.88	8.96	6.70	11.41	88.33	67.71	113.02	923.1	919.7	927.4	0.0
30/08/99	4.16	2.41	7.42	9.27	6.11	12.59	82.25	65.47	92.16	922.0	919.7	924.2	5.8
31/08/99	3.80	1.82	7.47	11.78	9.78	14.25	89.19	74.88	102.27	924.2	923.5	924.8	1.0

Lochnagar: Daily summary data: September 1999

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/09/99	5.55	3.63	7.22	14.88	12.75	16.10	89.29	76.80	97.73	923.6	922.9	924.8	0.2
02/09/99	6.34	4.31	8.33	14.56	12.40	17.43	85.04	57.22	101.76	924.5	922.2	926.1	0.2
03/09/99	4.82	1.72	7.81	13.35	11.34	15.40	83.56	43.58	97.41	924.7	921.6	928.6	0.0
04/09/99	3.94	1.13	6.30	14.03	11.06	15.80	75.15	32.61	93.63	928.1	926.7	929.3	0.0
05/09/99	3.52	1.77	6.09	14.85	13.35	16.94	97.53	80.90	112.51	923.4	919.0	927.4	0.0
06/09/99	3.47	0.17	5.40	13.27	9.76	15.42	97.21	69.50	113.28	915.7	913.9	919.0	3.8
07/09/99	2.85	0.42	5.78	9.15	6.87	11.76	66.97	45.25	86.85	914.6	912.0	920.3	25.0
08/09/99	6.07	2.93	10.70	8.47	6.66	13.51	86.31	61.25	112.00	913.7	906.9	920.3	0.4
09/09/99	5.06	3.50	6.54	6.91	5.32	9.28	74.73	52.54	90.62	922.5	912.6	931.2	17.6
10/09/99	5.74	3.98	8.39	9.31	6.78	12.51	76.50	45.18	104.32	928.1	924.2	931.2	2.8
11/09/99	4.05	1.29	7.16	11.17	9.24	13.84	100.28	79.94	111.49	919.2	915.2	924.8	0.4
12/09/99	2.23	0.05	4.78	7.29	5.83	9.97	96.63	78.27	110.21	919.6	917.1	921.6	5.2
13/09/99	3.08	0.47	5.78	6.90	5.74	8.67	89.87	78.34	100.74	917.5	915.8	919.7	8.8
14/09/99	1.92	0.60	3.58	7.38	5.53	10.70	74.70	56.96	89.60	920.9	918.4	922.9	1.8
15/09/99	5.11	2.49	7.23	7.84	5.41	10.29	75.89	52.80	102.78	919.8	917.1	922.2	0.0
16/09/99	3.77	1.86	6.45	8.17	6.38	9.87	95.98	75.20	112.26	911.2	907.5	917.1	0.0
17/09/99	3.20	2.16	4.83	6.70	5.96	7.44	92.80	70.78	110.46	908.1	906.9	909.4	8.6
18/09/99	5.40	2.84	7.72	7.94	6.26	9.86	105.41	94.53	113.79	908.5	907.5	910.1	8.0
19/09/99	4.56	3.15	5.88	9.81	9.36	10.55	107.67	99.97	113.79	911.7	910.1	912.6	16.8
20/09/99	3.18	1.07	5.50	11.41	10.46	11.97	106.66	105.09	107.65	907.8	902.4	911.4	21.2
21/09/99	3.27	1.03	4.97	9.46	8.81	10.45	104.50	96.83	115.33	904.8	901.8	908.2	102.0
22/09/99	2.29	0.43	4.51	10.00	8.72	12.78	92.67	79.04	111.74	910.2	908.2	911.4	0.0
23/09/99	1.80	0.00	3.07	9.90	8.39	12.15	102.27	81.60	114.56	907.5	906.9	909.4	5.2
24/09/99	2.82	1.90	3.82	9.59	8.95	10.48	96.83	87.55	106.11	908.0	906.9	908.8	4.0
25/09/99	2.25	0.00	4.28	8.90	6.94	10.56	91.06	74.69	104.32	910.5	908.8	911.4	14.0
26/09/99	0.30	0.00	2.00	7.21	6.34	9.00	100.46	78.66	112.77	909.7	908.8	911.4	2.0
27/09/99	0.49	0.00	1.82	6.65	5.75	7.85	104.71	86.34	112.51	906.4	905.0	908.8	2.4
28/09/99	2.05	0.00	4.46	7.21	5.14	9.00	77.58	63.94	107.90	905.8	905.0	906.9	0.8
29/09/99	1.75	0.00	3.45	5.93	5.18	6.85	102.54	76.74	110.46	900.4	899.2	904.3	10.2
30/09/99	3.00	1.16	4.85	5.15	3.19	7.24	86.58	72.38	104.58	899.5	896.6	901.8	10.8

Lochnagar: Daily summary data: October 1999

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/10/99	4.51	2.88	6.29	3.15	1.07	4.87	79.29	72.58	88.19	894.5	890.2	897.3	1.4
02/10/99	4.19	2.88	5.45	3.20	1.34	4.77	77.77	66.75	88.51	892.0	889.6	897.9	7.2
03/10/99	5.72	3.17	7.96	2.90	1.54	4.29	92.07	75.39	104.32	905.7	897.3	913.9	3.2
04/10/99	5.26	2.66	8.50	1.18	0.26	2.82	92.03	74.11	99.71	922.5	913.9	928.6	4.6
05/10/99	1.08	0.00	3.76	1.89	-0.76	4.19	79.22	70.91	93.31	931.5	928.0	933.8	3.0
06/10/99	4.41	1.95	7.74	3.99	1.63	5.90	79.39	67.97	109.95	929.9	924.2	933.1	0.0
07/10/99	4.34	2.26	7.29	5.58	2.80	7.66	82.12	56.58	109.70	923.4	921.0	925.4	4.6
08/10/99	3.77	2.18	7.39	5.56	2.85	8.81	90.15	77.57	106.37	920.4	917.1	922.2	0.8
09/10/99	3.42	0.00	6.22	8.20	4.07	12.17	96.54	74.94	110.46	921.9	920.3	922.9	4.0
10/10/99	5.66	3.35	7.70	8.59	2.59	13.14	84.21	59.71	96.90	918.5	916.5	921.6	0.2
11/10/99	5.92	3.85	10.87	3.49	2.12	5.03	75.58	61.95	86.27	923.9	920.3	929.9	5.0
12/10/99	3.93	2.10	6.14	4.55	2.86	6.07	79.87	71.04	89.09	932.0	929.9	933.1	0.4
13/10/99	4.55	0.62	7.57	8.26	5.82	10.20	84.66	60.35	94.85	931.8	929.3	935.0	0.0
14/10/99	0.15	0.00	0.96	6.00	4.56	9.86	98.28	64.38	111.49	935.9	934.4	937.0	0.4
15/10/99	2.28	0.25	4.66	4.80	4.41	5.62	108.39	103.30	110.21	932.3	931.2	934.4	1.0
16/10/99	3.00	1.33	5.74	5.40	3.91	6.11	92.05	78.21	102.53	931.0	929.9	931.8	2.8
17/10/99	5.75	3.87	7.82	4.66	3.88	6.03	95.02	91.14	102.27	931.6	930.6	933.1	0.0
18/10/99	3.54	1.37	6.94	3.77	3.10	4.36	91.98	78.08	101.25	932.5	931.2	933.8	2.8
19/10/99	2.93	1.54	4.49	2.84	2.02	4.09	93.43	73.60	103.30	929.6	928.0	931.2	0.6
20/10/99	3.44	2.23	4.68	2.62	1.30	3.29	98.40	88.13	106.62	924.0	920.3	928.0	9.8
21/10/99	4.42	3.55	5.97	2.14	1.52	2.76	95.10	86.27	107.39	914.3	906.9	919.7	7.8
22/10/99	3.39	1.68	5.60	5.81	3.21	7.34	105.46	93.12	112.77	902.5	899.8	906.2	14.2
23/10/99	1.97	0.00	3.80	6.90	6.56	7.24	109.14	105.86	113.54	897.5	895.4	901.8	10.4
24/10/99	1.93	0.05	4.48	6.07	5.36	6.64	108.99	98.69	112.51	894.9	894.1	896.0	6.0
25/10/99	3.41	0.63	6.03	6.36	5.74	6.89	106.12	103.81	110.21	900.3	894.1	910.1	17.2
26/10/99	3.20	1.35	5.20	5.48	4.55	6.11	92.38	56.06	104.06	917.4	910.1	921.6	3.2
27/10/99	6.07	3.93	7.48	6.43	5.29	7.52	87.99	75.01	96.51	915.9	910.7	919.7	3.4
28/10/99	5.45	2.80	10.57	3.68	2.53	4.69	76.00	68.29	88.26	922.1	913.3	926.7	4.6
29/10/99	6.76	3.98	10.04	4.89	3.39	6.61	88.38	72.83	111.74	921.3	914.6	926.1	1.4
30/10/99	6.20	2.56	9.35	7.45	4.91	9.58	102.37	87.49	109.70	900.8	890.2	913.9	3.8
31/10/99	8.05	6.08	10.70	4.69	1.41	6.63	82.97	60.54	92.99	900.0	892.2	905.0	23.8

Lochnagar: Daily summary data: November 1999

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/11/99	5.76	3.26	8.27	5.19	2.57	6.89	90.40	75.97	108.16	900.7	897.9	903.7	10.0
02/11/99	4.57	2.70	6.87	2.33	1.55	4.20	80.14	74.18	86.14	912.5	903.7	921.0	18.2
03/11/99	6.16	4.58	8.84	6.74	3.86	7.44	87.73	76.22	97.86	922.0	918.4	924.2	0.4
04/11/99	7.78	5.39	9.91	6.07	4.03	6.82	92.19	77.06	102.02	910.3	902.4	917.8	5.6
05/11/99	4.39	0.10	8.30	2.16	-0.65	4.80	98.30	88.19	107.65	899.2	896.0	903.7	34.0
06/11/99	6.07	0.41	8.34	0.02	-0.71	1.03	88.49	69.82	99.46	915.4	904.3	924.2	14.8
07/11/99	4.27	0.33	6.74	5.94	-0.37	8.16	85.92	48.58	96.00	925.4	924.2	928.0	0.8
08/11/99	3.34	1.62	5.67	5.16	3.68	7.28	82.72	69.44	94.53	934.9	928.6	942.1	0.2
09/11/99	1.25	0.00	3.01	3.59	2.13	5.15	78.32	69.89	87.04	945.7	942.1	947.8	0.0
10/11/99	0.10	0.00	1.20	2.84	1.26	3.62	95.90	85.82	104.32	949.4	947.8	950.4	0.0
11/11/99	0.32	0.00	1.60	1.66	0.59	3.02	99.71	93.63	107.90	947.6	944.6	949.8	0.6
12/11/99	0.32	0.00	0.88	2.32	1.60	2.86	106.98	104.32	108.93	941.6	939.5	944.6	0.0
13/11/99	3.02	0.00	6.34	3.07	1.24	4.45	105.19	102.27	110.98	937.0	935.0	939.5	0.8
14/11/99	2.13	0.00	4.86	4.17	3.30	5.11	99.68	87.36	109.18	932.6	928.6	935.0	0.2
15/11/99	3.13	2.23	4.95	2.03	0.12	4.09	83.70	65.66	101.50	924.7	922.2	928.0	0.0
16/11/99	3.66	2.05	6.98	-0.80	-2.83	0.65	78.68	67.39	95.55	918.2	917.1	921.6	1.2
17/11/99	5.31	3.96	7.54	-3.03	-4.00	-2.14	77.05	62.34	88.58	921.5	919.7	923.5	0.0
18/11/99	5.30	4.14	6.96	-2.65	-3.45	-1.52	95.16	83.01	101.76	922.0	918.4	928.6	0.0
19/11/99	3.28	0.00	5.88	-1.54	-2.28	-0.90	102.10	98.88	104.83	933.4	928.6	936.3	0.0
20/11/99	0.01	0.00	0.35	0.46	-1.34	2.47	74.17	40.64	105.09	933.5	929.3	936.3	0.0
21/11/99	0.59	0.00	3.11	4.20	1.43	5.71	87.16	72.64	97.47	924.1	919.7	929.3	2.0
22/11/99	4.72	0.46	6.91	2.82	0.77	6.03	82.24	72.19	99.07	916.2	913.9	919.7	2.6
23/11/99	5.69	3.61	7.40	5.00	4.38	5.79	86.47	75.46	96.70	914.1	911.4	915.8	0.2
24/11/99	4.87	2.18	8.06	3.62	2.18	6.05	89.11	66.24	110.21	913.9	909.4	917.1	17.6
25/11/99	4.69	3.18	6.70	3.37	1.57	7.49	87.09	75.14	109.95	918.2	912.6	921.6	3.8
26/11/99	7.47	3.83	12.44	3.26	-0.15	7.13	84.21	71.17	93.76	902.9	898.6	912.0	9.4
27/11/99	5.21	2.38	8.09	1.03	-0.40	4.74	84.08	63.30	105.34	911.2	904.3	915.8	15.6
28/11/99	4.39	0.00	7.88	3.44	-1.63	7.11	93.48	82.62	104.83	901.6	894.1	905.6	55.2
29/11/99	4.22	0.00	8.29	-2.64	-4.49	-0.41	77.95	38.21	105.60	920.4	906.2	924.8	32.8
30/11/99	8.89	5.88	13.06	4.19	-0.01	7.74	87.31	55.10	109.18	907.2	901.8	916.5	10.0

Lochnagar: Daily summary data: December 1999

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/12/99	5.58	2.98	9.06	-0.50	-1.93	2.34	84.35	70.78	97.73	913.5	910.7	915.8	11.8
02/12/99	5.45	2.62	7.75	-1.88	-2.70	-0.80	81.48	70.40	91.52	914.0	910.1	917.1	0.0
03/12/99	4.84	1.05	8.52	-3.56	-4.75	-1.53	85.31	64.58	94.34	899.6	888.3	909.4	0.0
04/12/99	4.91	2.87	8.02	-3.29	-4.30	-2.03	81.78	63.62	97.66	909.4	901.8	921.0	0.0
05/12/99	5.70	1.55	9.89	-0.61	-4.00	5.53	80.37	50.82	99.20	918.1	906.2	922.9	0.0
06/12/99	5.81	4.10	8.86	4.77	0.45	7.18	85.43	65.09	97.41	903.4	901.1	906.9	6.4
07/12/99	4.57	3.38	6.10	-0.14	-0.79	1.12	79.09	72.38	91.71	899.8	898.6	903.0	0.0
08/12/99	5.49	3.61	6.79	0.42	-0.69	1.59	91.23	69.89	107.65	890.3	878.1	900.5	0.2
09/12/99	4.26	2.01	6.07	-0.39	-1.46	0.12	94.23	78.40	106.88	884.7	877.4	896.0	5.2
10/12/99	2.52	0.00	5.45	-2.33	-3.82	-0.99	79.43	53.89	104.32	900.2	896.6	902.4	0.0
11/12/99	2.59	1.15	4.88	-1.77	-3.01	-1.17	98.81	71.62	105.60	893.7	890.9	898.6	0.0
12/12/99	2.15	0.00	3.76	-3.34	-5.26	-1.40	89.12	61.50	105.34	898.3	893.4	903.0	0.0
13/12/99	3.58	1.90	5.82	-3.70	-4.89	-2.91	69.55	59.33	96.58	902.5	901.1	903.7	0.0
14/12/99	4.77	2.96	6.26	-3.41	-5.05	-2.78	96.05	90.88	98.43	910.6	901.8	921.0	0.0
15/12/99	5.26	3.44	8.41	-2.74	-4.17	-0.76	91.55	82.56	97.54	924.7	921.6	926.7	0.0
16/12/99	6.11	2.89	9.96	0.24	-1.00	1.41	91.19	85.57	98.50	918.0	898.6	924.8	0.0
17/12/99	7.17	5.53	10.46	-1.91	-5.78	4.71	85.79	67.71	103.81	905.9	895.4	915.2	8.2
18/12/99	4.51	1.48	7.59	-6.67	-7.75	-5.96	73.48	63.36	80.77	917.9	915.8	920.3	3.4
19/12/99	5.32	1.72	8.22	-6.57	-7.45	-5.29	70.04	54.98	87.04	925.7	920.3	930.6	0.0
20/12/99	4.70	0.00	11.71	-5.05	-6.53	-4.03	56.23	43.65	64.70	927.2	921.0	930.6	0.0
21/12/99	5.97	3.84	8.46	-1.28	-5.74	1.72	88.25	50.69	108.93	916.8	913.9	919.7	0.0
22/12/99	6.75	3.81	8.78	1.52	-0.62	3.42	103.87	84.80	109.95	905.9	899.2	915.2	0.0
23/12/99	7.08	3.58	9.74	0.60	-0.68	2.66	91.00	76.54	111.49	900.6	887.7	906.2	0.2
24/12/99	6.37	1.59	9.08	0.14	-2.02	2.79	101.47	84.16	112.00	883.5	864.0	887.7	0.0
25/12/99	8.49	2.16	13.35	-1.96	-3.00	-0.96	92.95	77.76	105.86	873.4	862.7	881.9	0.0
26/12/99	4.68	3.24	6.94	-1.46	-2.55	0.04	75.91	54.27	87.74	882.9	880.0	887.7	0.0
27/12/99	4.54	2.54	6.94	-1.69	-2.14	-0.99	76.67	64.64	90.18	892.9	888.3	897.3	0.0
28/12/99	3.70	2.41	6.06	-2.01	-2.81	-1.21	74.52	61.44	88.13	905.6	897.9	912.6	0.0
29/12/99	5.71	2.58	8.47	-1.28	-2.03	0.20	83.44	72.64	95.49	918.2	912.6	921.6	0.0
30/12/99	3.48	0.10	7.73	1.51	-0.25	3.25	87.60	72.64	96.77	916.4	913.3	920.3	0.0
31/12/99	6.06	2.50	8.48	2.68	1.20	4.19	91.39	64.19	111.49	917.1	912.6	920.3	0.0

Lochnagar: Daily summary data: January 2000

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/01/00	7.45	4.33	11.54	2.19	1.32	4.47	82.58	47.87	109.70	920.3	916.5	922.9	0.2
02/01/00	6.32	2.34	8.59	1.58	0.47	3.83	85.83	64.64	105.60	918.1	905.6	922.9	2.4
03/01/00	6.13	3.72	8.64	0.52	-2.09	4.21	76.95	61.95	103.55	908.7	903.0	913.9	23.4
04/01/00	5.65	3.85	8.28	-1.29	-2.96	0.65	88.43	72.13	109.95	906.7	901.8	913.3	0.0
05/01/00	8.27	5.73	11.76	1.63	-1.85	4.45	94.00	79.94	111.49	900.0	892.8	907.5	0.2
06/01/00	6.07	4.01	9.87	-0.14	-1.97	2.96	72.53	34.18	96.77	905.0	892.2	913.9	2.6
07/01/00	8.73	4.73	11.38	2.59	-1.16	5.00	91.94	69.95	113.02	900.0	894.7	906.9	0.6
08/01/00	5.93	3.74	9.13	-0.74	-2.09	1.00	82.45	72.70	94.14	905.3	897.9	913.3	16.2
09/01/00	4.98	3.08	7.87	-1.79	-2.44	-0.44	72.93	50.37	81.41	923.8	913.3	929.3	0.0
10/01/00	6.66	2.70	10.14	1.14	-1.60	3.38	89.88	69.95	109.44	923.0	919.7	928.0	0.0
11/01/00	5.20	2.03	7.39	1.70	1.00	3.80	80.48	46.66	89.66	922.9	919.0	926.7	15.0
12/01/00	3.01	0.52	4.97	-0.50	-2.78	1.46	71.97	53.06	89.79	918.0	917.1	919.7	0.6
13/01/00	1.80	0.00	5.60	-1.88	-2.57	-0.85	83.86	57.28	103.30	922.4	917.1	931.2	0.0
14/01/00	0.00	0.00	0.00	-3.20	-4.44	-1.66	94.93	89.47	103.81	936.8	931.2	942.1	0.0
15/01/00	0.71	0.00	3.72	-0.05	-1.45	4.80	85.65	29.63	106.37	944.0	942.1	945.3	0.0
16/01/00	4.15	2.16	8.39	7.47	2.41	11.06	34.78	3.12	85.06	943.4	942.1	945.3	7.0
17/01/00	6.31	2.55	9.87	8.30	4.50	13.37	42.80	-0.38	89.15	942.3	941.4	943.4	0.6
18/01/00	6.07	3.83	9.27	3.18	1.16	7.33	87.81	71.36	104.32	941.8	940.8	942.7	0.0
19/01/00	2.29	0.00	5.13	0.72	-0.12	1.64	86.07	78.59	98.30	941.2	938.2	942.7	0.0
20/01/00	3.82	1.95	6.37	1.12	-0.19	2.08	83.95	75.26	98.18	936.7	934.4	938.2	0.0
21/01/00	3.75	0.72	8.14	0.74	-1.03	2.74	80.39	63.62	93.06	934.6	924.8	938.9	0.4
22/01/00	7.13	4.71	9.79	-1.50	-2.61	0.54	92.08	73.66	104.83	926.2	921.6	929.9	0.2
23/01/00	3.82	0.57	6.22	-1.97	-3.41	-0.02	95.49	80.06	106.11	931.2	929.9	933.1	0.0
24/01/00	3.08	0.41	5.59	0.55	-1.32	1.92	76.43	25.81	107.39	931.3	929.3	933.1	0.8
25/01/00	0.07	0.00	0.60	2.10	-0.39	5.59	40.59	16.46	79.74	933.5	933.1	934.4	0.4
26/01/00	1.11	0.00	4.55	0.43	-1.76	7.64	50.67	-3.93	82.88	932.6	930.6	933.1	0.0
27/01/00	5.43	2.86	8.22	0.78	-0.04	2.02	75.67	62.66	85.95	924.4	917.1	929.9	0.0
28/01/00	6.15	2.50	8.98	2.02	0.13	4.46	77.92	64.32	89.92	901.8	887.7	916.5	4.4
29/01/00	8.84	4.68	13.76	0.25	-2.48	4.91	71.86	54.02	84.22	888.1	880.0	901.8	10.2
30/01/00	5.53	2.20	13.42	1.15	-2.47	5.63	73.49	58.69	87.04	903.6	896.6	908.2	0.2
31/01/00	4.21	0.00	7.25	0.58	-0.60	4.03	78.33	60.35	104.06	912.9	903.7	917.1	16.8

Lochnagar: Daily summary data: February 2000

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/02/00	6.63	3.61	9.33	2.59	-0.59	5.32	76.63	59.78	89.28	907.4	902.4	910.7	10.0
02/02/00	7.12	4.81	10.58	-0.41	-1.37	0.52	67.10	56.90	79.49	916.1	910.1	924.8	1.4
03/02/00	4.68	1.85	9.64	1.68	-0.08	5.81	78.33	68.35	100.74	927.4	922.9	930.6	0.0
04/02/00	6.10	4.39	8.27	7.00	5.88	7.96	83.38	74.69	88.26	921.0	919.7	923.5	1.0
05/02/00	6.43	4.71	9.65	4.96	2.84	7.83	93.18	68.10	108.16	918.2	913.3	921.6	0.6
06/02/00	6.22	2.82	11.63	2.25	0.74	3.93	82.38	57.28	106.62	905.5	891.5	914.6	2.6
07/02/00	6.52	3.62	9.70	0.24	-1.22	3.12	80.32	61.76	106.88	897.8	890.2	905.0	20.0
08/02/00	6.94	1.92	11.00	0.40	-2.52	3.26	77.11	53.63	91.52	896.3	891.5	902.4	16.6
09/02/00	6.99	4.70	9.69	1.18	-2.23	3.71	73.84	63.94	83.71	909.7	903.0	914.6	0.2
10/02/00	7.05	4.45	10.28	-0.45	-2.69	2.94	76.52	50.43	98.18	902.4	892.2	912.6	29.6
11/02/00	7.18	4.93	10.36	1.51	-0.38	2.67	73.64	63.04	89.09	913.8	905.6	919.0	0.0
12/02/00	4.56	2.79	7.10	-2.75	-3.85	0.75	74.52	56.26	99.01	905.7	903.7	906.9	14.0
13/02/00	4.70	1.48	8.91	-1.80	-3.60	-1.05	64.53	51.97	78.27	917.8	906.9	924.8	0.0
14/02/00	5.83	2.22	10.95	-0.36	-2.16	3.09	75.96	53.89	91.26	914.9	908.8	924.2	0.0
15/02/00	5.15	2.42	7.48	-2.14	-4.77	-1.07	68.96	40.77	84.16	907.9	899.2	914.6	7.4
16/02/00	3.92	2.84	5.27	-4.55	-5.81	-2.84	57.64	24.56	71.81	901.6	897.9	906.9	0.0
17/02/00	3.38	0.02	6.90	-2.40	-3.72	-1.25	72.56	52.54	86.02	908.8	904.3	912.6	0.0
18/02/00	1.88	0.00	4.77	-0.95	-2.91	1.13	85.39	68.80	104.32	903.7	900.5	912.6	0.0
19/02/00	2.13	0.00	4.45	-2.72	-4.70	-1.89	96.30	86.40	102.02	924.1	912.6	931.2	1.2
20/02/00	4.77	0.00	8.26	-2.33	-5.46	-0.74	72.98	48.19	89.15	929.1	923.5	931.8	0.0
21/02/00	3.83	2.19	5.58	-0.86	-2.14	1.07	67.90	38.91	93.50	925.1	920.3	928.6	0.0
22/02/00	5.29	2.75	8.41	-1.42	-2.03	-0.59	71.24	45.57	105.60	924.4	921.0	928.6	0.2
23/02/00	6.12	4.12	8.64	1.54	-0.60	4.93	92.42	48.96	105.86	914.7	908.8	920.3	4.6
24/02/00	4.53	2.92	6.07	-2.05	-3.10	-0.99	68.21	53.18	74.69	914.7	912.6	915.8	15.6
25/02/00	5.51	2.71	9.30	-0.31	-2.76	1.41	71.28	60.93	80.06	921.1	915.8	925.4	0.0
26/02/00	6.14	4.72	8.59	0.59	0.02	2.53	86.15	74.75	108.42	921.1	909.4	925.4	0.6
27/02/00	5.36	2.62	9.38	1.66	-1.47	5.08	88.69	73.02	108.42	903.6	901.1	908.8	28.6
28/02/00	5.84	4.39	7.45	-1.81	-2.51	-1.32	75.71	68.99	80.83	898.9	895.4	902.4	8.4
29/02/00	4.62	2.78	6.16	-1.34	-1.90	-0.87	71.71	63.10	80.06	899.9	898.6	902.4	0.0

Lochnagar: Daily summary data: March 2000

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/03/00	5.94	1.18	8.71	-3.14	-4.05	-1.51	74.34	58.75	93.44	913.1	902.4	920.3	0.0
02/03/00	6.66	3.45	9.18	-0.54	-3.54	3.03	74.30	55.23	85.18	903.7	894.7	919.0	0.0
03/03/00	6.44	3.58	9.67	-3.90	-6.75	-1.79	72.35	54.72	83.26	908.4	894.7	921.0	5.0
04/03/00	4.45	2.85	7.31	-5.67	-7.01	-4.69	68.34	56.45	77.76	927.1	921.6	931.8	0.0
05/03/00	6.55	2.81	9.57	0.22	-4.54	4.71	74.68	52.48	89.66	923.3	917.1	931.8	0.0
06/03/00	6.86	4.26	11.05	5.52	4.15	7.30	82.60	73.09	90.62	916.0	913.3	918.4	3.2
07/03/00	6.00	3.45	10.36	5.94	5.22	7.08	83.21	73.22	91.39	915.3	911.4	918.4	3.8
08/03/00	8.16	4.10	11.14	6.33	4.53	7.64	73.85	61.89	88.38	911.3	908.2	914.6	2.0
09/03/00	4.49	0.00	10.62	2.62	-1.13	5.92	94.41	68.93	109.95	924.3	913.3	931.8	2.4
10/03/00	5.59	0.00	11.14	3.91	-1.10	7.24	80.75	61.63	91.14	922.0	916.5	931.2	3.6
11/03/00	5.48	0.04	9.45	3.84	2.29	7.20	53.32	-2.22	75.14	923.8	917.1	928.6	4.0
12/03/00	4.48	2.73	6.87	6.29	3.26	8.52	59.04	25.90	80.06	927.4	925.4	928.6	0.0
13/03/00	4.14	0.00	6.22	4.08	-0.44	6.04	83.72	72.96	100.74	925.3	923.5	927.4	0.0
14/03/00	3.23	0.00	7.64	-1.22	-2.21	-0.36	64.96	47.94	80.32	925.2	920.3	932.5	1.4
15/03/00	4.70	3.14	7.46	2.68	-1.47	5.06	74.58	55.94	89.22	933.4	930.6	936.3	0.2
16/03/00	3.95	0.83	6.84	3.86	2.61	4.97	70.00	43.65	80.06	936.8	935.7	937.6	0.8
17/03/00	4.22	2.06	8.17	3.38	-1.27	5.93	80.09	68.22	111.49	938.0	935.7	942.1	0.0
18/03/00	1.57	0.00	4.92	3.25	-1.46	8.19	40.49	-10.38	76.99	942.4	940.8	943.4	0.6
19/03/00	6.49	3.62	9.77	5.59	3.54	8.10	61.77	25.81	82.50	937.9	934.4	940.8	0.2
20/03/00	4.71	2.12	7.78	5.41	3.41	7.89	70.70	64.77	82.62	932.7	929.3	934.4	0.0
21/03/00	2.46	0.00	6.26	1.90	-1.57	4.87	87.85	69.25	108.16	925.4	924.2	928.6	0.0
22/03/00	0.12	0.00	1.37	-0.55	-2.51	2.90	65.18	20.76	106.62	923.4	922.9	924.8	3.0
23/03/00	3.59	0.00	5.40	-0.94	-2.32	-0.04	81.76	52.86	107.14	920.3	913.9	923.5	2.8
24/03/00	4.51	2.73	6.41	0.86	-1.24	1.74	100.54	72.13	104.83	910.0	907.5	913.9	0.4
25/03/00	3.52	2.18	5.66	0.10	-0.71	1.22	69.47	52.10	84.48	911.0	909.4	912.6	19.8
26/03/00	1.00	0.00	3.39	0.10	-2.30	3.82	73.68	45.18	109.70	917.3	912.6	924.2	0.6
27/03/00	2.80	0.00	4.71	-1.52	-2.90	-0.40	86.60	61.06	108.16	929.4	924.2	933.8	1.2
28/03/00	0.12	0.00	1.29	-0.13	-3.42	3.47	56.73	32.10	74.43	934.6	933.1	935.7	0.2
29/03/00	0.03	0.00	0.50	1.39	0.34	2.44	89.04	73.54	112.51	933.0	930.6	934.4	0.8
30/03/00	0.20	0.00	1.56	2.59	0.56	5.74	76.49	43.90	108.67	925.7	919.0	930.6	1.2
31/03/00	0.63	0.00	3.76	2.58	0.90	4.31	76.54	66.43	90.75	912.8	908.8	919.0	0.0

Lochnagar: Daily summary data: April 2000

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/04/00	0.67	0.00	2.83	0.06	-2.81	2.30	99.78	90.50	111.74	908.5	906.9	910.7	6.2
02/04/00	2.77	0.67	4.23	-3.61	-6.74	-2.57	87.00	75.97	96.32	911.9	909.4	914.6	5.8
03/04/00	2.16	0.03	3.52	-5.00	-6.41	-3.29	79.27	74.82	84.22	913.5	912.6	914.6	0.0
04/04/00	2.35	0.21	4.16	-4.29	-7.06	-2.64	76.20	68.67	81.28	916.1	913.3	920.3	0.0
05/04/00	1.81	0.00	4.33	0.29	-3.15	4.61	38.68	0.29	80.13	925.2	920.3	929.3	0.0
06/04/00	2.94	0.12	5.90	2.48	0.59	5.66	32.59	11.73	42.18	933.9	929.9	937.0	3.8
07/04/00	5.56	1.99	9.08	2.25	1.04	2.98	45.01	17.57	71.68	932.7	929.3	937.0	0.4
08/04/00	2.80	0.54	4.88	1.86	0.02	3.83	81.09	54.66	105.86	929.4	928.6	929.9	0.6
09/04/00	0.40	0.00	1.62	0.68	-0.54	1.97	84.42	65.92	107.39	929.7	928.6	930.6	0.6
10/04/00	1.09	0.00	2.77	2.21	0.39	4.39	67.87	51.90	81.66	921.8	910.1	928.6	0.0
11/04/00	2.29	0.00	4.75	-0.91	-2.01	0.34	93.38	65.79	106.88	902.2	899.2	909.4	0.0
12/04/00	4.05	1.76	6.17	-1.10	-1.95	-0.22	104.43	74.88	107.65	905.9	901.8	908.8	1.2
13/04/00	2.52	0.00	7.10	-1.72	-2.78	-0.61	104.84	98.62	107.39	907.5	906.2	909.4	0.0
14/04/00	0.00	0.00	0.00	-2.18	-3.76	-0.06	101.68	93.70	109.44	910.7	908.8	912.0	0.0
15/04/00	0.00	0.00	0.00	-2.42	-3.22	-1.44	86.97	68.48	98.82	906.2	905.0	908.8	0.0
16/04/00	0.28	0.00	2.50	-1.58	-3.17	-0.06	80.12	61.31	90.75	906.8	906.2	906.9	0.0
17/04/00	1.03	0.00	3.78	-1.35	-3.52	0.09	85.51	71.04	106.88	902.3	899.8	905.6	0.0
18/04/00	0.97	0.00	4.32	1.52	-0.82	4.94	81.11	45.50	109.18	905.5	899.8	912.0	0.0
19/04/00	3.63	0.00	9.08	2.55	1.67	3.87	73.85	48.19	110.21	911.5	909.4	912.6	0.0
20/04/00	5.32	3.05	8.34	4.73	2.71	6.55	76.71	48.45	110.98	906.4	904.3	908.2	42.6
21/04/00	3.77	1.75	4.95	4.08	3.22	6.20	75.41	56.90	96.13	909.6	906.9	913.3	6.2
22/04/00	2.16	0.00	4.48	4.39	2.90	6.83	75.95	55.04	113.28	914.1	912.6	915.2	9.4
23/04/00	1.55	0.00	4.41	5.01	3.14	9.02	63.06	33.86	97.15	916.9	914.6	918.4	4.0
24/04/00	0.99	0.00	3.43	2.47	-0.65	5.32	90.25	73.15	111.49	919.1	917.8	921.6	8.8
25/04/00	0.53	0.00	5.29	-0.43	-0.98	0.15	107.49	103.81	112.77	920.1	919.0	921.0	22.8
26/04/00	3.37	0.00	5.33	-0.30	-0.91	0.23	105.65	103.55	109.44	919.2	913.9	921.6	1.0
27/04/00	1.95	0.00	4.74	3.36	0.59	6.03	92.74	58.05	114.56	917.2	913.3	921.0	0.4
28/04/00	0.45	0.00	2.52	5.19	3.56	7.20	87.23	57.22	118.66	921.1	920.3	922.2	31.6
29/04/00	0.99	0.00	5.93	7.74	5.29	11.88	65.71	35.78	120.70	923.5	922.2	925.4	23.8
30/04/00	2.38	0.00	7.45	7.29	4.51	11.38	59.47	24.56	91.39	930.7	926.1	934.4	2.4

Lochnagar: Daily summary data: May 2000

Date	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/05/00	0.79	0.00	3.10	6.65	3.81	10.05	67.67	40.13	89.22	935.0	934.4	935.7	0.0
02/05/00	1.40	0.00	3.46	8.22	4.60	12.24	45.35	30.24	91.78	937.3	935.7	938.9	0.0
03/05/00	0.83	0.00	2.35	4.60	2.40	8.39	90.42	54.02	115.58	937.7	936.3	938.9	0.0
04/05/00	0.36	0.00	1.43	7.56	2.93	13.25	42.76	11.66	80.32	935.0	933.1	936.3	0.0
05/05/00	0.14	0.00	0.75	6.81	4.45	11.25	22.10	-4.04	38.53	932.4	931.8	933.8	0.0

Lochnagar: Daily summary data: August 2000

Date	Wind speed (m/s)			Solarimeter (kW/m ²)			Net Radiometer (W/m ²)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
23/08/00	3.76	1.77	5.84	0.05	0.00	0.30	4.22	-35.30	167.84	11.24	10.37	13.16	50.54	31.43	60.86				
24/08/00	3.01	0.00	7.96	0.19	0.00	0.92	106.41	-48.32	629.80	13.05	9.78	16.31	71.77	30.09	82.37				0.0
25/08/00	1.91	0.00	5.18	0.21	0.00	0.71	110.50	-52.56	443.50	14.25	10.52	18.06	74.73	48.26	91.33				0.0
26/08/00	2.93	0.72	6.35	0.03	0.00	0.10	15.29	-31.01	68.80	11.22	9.87	14.19	93.46	66.69	96.96				11.4
27/08/00	1.36	0.00	4.22	0.07	0.00	0.50	35.97	-25.75	312.16	9.67	7.88	11.54	85.01	65.15	93.50				9.2
28/08/00	0.07	0.00	0.76	0.05	0.00	0.21	25.41	-30.42	142.00	8.31	6.97	9.37	83.06	43.90	94.72				12.2
29/08/00	0.70	0.00	1.96	0.09	0.00	0.43	44.03	-55.52	292.40	7.62	5.42	10.90	78.85	58.75	93.50				0.0
30/08/00	2.12	0.00	5.88	0.16	0.00	0.59	75.54	-59.04	365.40	8.52	5.08	10.95	76.75	42.62	92.74				0.2
31/08/00	3.78	0.46	6.50	0.02	0.00	0.09	13.49	-20.76	61.20	8.97	7.93	9.96	89.34	69.76	95.68				26.6

Lochnagar: Daily summary data: September 2000

Date	Wind speed (m/s)			Solarimeter (kW/m ²)			Net Radiometer (W/m ²)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/09/00	1.41	0.00	3.70	0.02	0.00	0.15	13.97	-6.22	101.36	8.99	8.37	9.54	95.91	80.26	96.51				21.6
02/09/00	2.95	1.39	3.99	0.02	0.00	0.10	8.28	-46.96	66.80	6.01	3.35	8.18	94.98	80.26	96.32				19.4
03/09/00	1.46	0.00	3.95	0.13	0.00	0.65	64.51	-71.04	417.90	5.66	3.25	9.55	79.85	56.45	89.86				0.0
04/09/00	3.51	0.00	7.13	0.16	0.00	0.63	70.75	-75.44	406.40	10.06	4.69	13.48	78.25	56.19	96.06				0.0
05/09/00	2.03	0.00	6.71	0.14	0.00	0.63	67.06	-57.60	397.40	10.83	9.19	13.48	75.75	64.26	92.67				1.0
06/09/00	4.25	1.63	7.43	0.11	0.00	0.65	51.83	-70.56	422.40	7.83	6.14	10.19	79.96	65.02	92.48				12.2
07/09/00	5.82	2.82	10.13	0.08	0.00	0.53	35.68	-66.72	363.50	7.94	5.90	12.74	79.61	68.93	95.36				9.0
08/09/00	5.23	3.98	6.79	0.13	0.00	0.54	51.61	-66.88	346.20	7.99	6.91	10.30	66.36	30.64	80.06				0.2
09/09/00	3.97	1.12	9.00	0.09	0.00	0.43	35.83	-70.40	280.32	7.70	6.26	9.74	63.71	12.46	79.87				0.0
10/09/00	2.77	0.00	6.36	0.11	0.00	0.48	61.84	-29.35	306.72	8.33	6.79	11.46	55.44	13.62	82.43				0.2
11/09/00	2.25	0.00	5.56	0.01	0.00	0.05	8.53	-7.07	37.07	6.57	6.04	7.08	79.81	-0.02	95.23				18.6
12/09/00	0.06	0.00	0.36	0.04	0.00	0.14	24.97	-2.30	90.48	7.08	5.99	8.07	87.39	31.63	95.81				9.0
13/09/00	3.08	0.00	6.41	0.07	0.00	0.30	38.58	-46.16	188.48	8.29	7.58	9.54	85.99	52.67	95.94				0.8
14/09/00	2.98	0.69	5.55	0.06	0.00	0.29	21.42	-62.64	174.00	8.45	7.59	10.25	84.08	13.58	95.74				5.6
15/09/00	0.97	0.00	4.59	0.12	0.00	0.52	46.86	-64.16	315.52	8.40	5.70	11.66	79.73	68.10	91.52				0.2
16/09/00	1.26	0.00	2.97	0.08	0.00	0.40	32.99	-63.60	256.80	9.56	6.27	12.98	78.69	65.22	87.36				0.0
17/09/00	2.59	1.00	4.83	0.06	0.00	0.37	27.96	-40.55	242.32	8.20	6.67	9.31	83.38	75.97	89.98				2.2
18/09/00	2.69	1.25	4.02	0.15	0.00	0.65	68.73	-65.92	425.00	6.01	4.59	8.58	78.03	65.47	85.70				15.2
19/09/00	1.77	0.00	4.79	0.09	0.00	0.47	45.25	-68.96	283.52	5.89	4.00	9.06	83.82	66.24	95.17				0.0
20/09/00	5.35	2.12	8.91	0.03	0.00	0.15	18.04	-4.22	91.20	7.46	6.48	9.15	91.67	83.26	96.06				64.0
21/09/00	4.14	1.41	7.67	0.07	0.00	0.42	37.81	-50.88	263.28	7.01	5.47	8.68	88.03	76.54	95.87				2.8
22/09/00	3.92	2.46	6.06	0.08	0.00	0.50	36.48	-61.84	312.32	8.80	8.04	9.97	85.97	73.60	96.19				33.2
23/09/00	3.84	1.25	6.28	0.01	0.00	0.07	0.41	-40.60	50.80	10.06	7.94	12.44	91.68	76.35	97.28				3.6
24/09/00	3.84	1.98	6.37	0.01	0.00	0.02	1.38	-34.78	15.71	9.17	7.48	11.10	95.15	88.45	97.22				2.0
25/09/00	1.71	0.18	3.28	0.02	0.00	0.08	12.79	-3.21	53.92	8.28	7.37	9.21	95.83	92.22	96.64				4.8
26/09/00	2.75	1.10	4.60	0.02	0.00	0.08	9.78	-1.86	56.56	7.15	6.26	8.18	94.63	88.83	96.13				1.2
27/09/00	3.26	0.00	6.61	0.03	0.00	0.20	13.80	-68.64	118.80	8.23	6.06	9.61	90.50	78.53	96.70				19.0
28/09/00	3.40	1.57	5.14	0.06	0.00	0.25	13.88	-69.84	150.16	5.59	4.53	6.47	84.28	79.42	89.86				21.2
29/09/00	3.01	0.01	6.69	0.07	0.00	0.26	26.43	-57.68	146.40	7.56	6.36	9.44	86.71	77.25	95.62				0.0
30/09/00	0.30	0.00	2.52	0.07	0.00	0.33	33.77	-32.58	205.44	9.64	7.23	12.54	90.57	81.73	96.13				0.8

Lochnagar: Daily summary data: October 2000

Date	Wind speed (m/s)			Solarimeter (kW/m ²)			Net Radiometer (W/m ²)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/10/00	2.74	0.00	5.91	0.02	0.00	0.06	3.63	-24.35	42.96	7.97	7.21	9.32	92.13	84.74	96.19				0.4
02/10/00	3.08	0.95	6.03	0.06	0.00	0.45	22.83	-74.48	251.20	6.66	3.67	9.47	84.48	63.36	95.74				3.0
03/10/00	5.73	1.44	9.65	0.02	0.00	0.10	12.09	-25.79	74.56	8.34	4.07	11.67	89.93	70.46	96.70				7.8
04/10/00	4.93	2.56	8.22	0.07	0.00	0.41	14.65	-71.60	228.24	5.99	3.87	9.61	80.82	67.39	91.84				42.0
05/10/00	3.25	0.78	5.50	0.07	0.00	0.47	8.79	-72.24	289.04	3.77	2.61	5.89	76.39	56.00	88.58				1.4
06/10/00	2.02	0.00	4.22	0.07	0.00	0.31	18.66	-51.20	170.88	4.31	2.51	6.40	77.77	64.45	83.14				1.6
07/10/00	3.79	0.01	6.31	0.03	0.00	0.17	12.97	-66.48	112.96	5.52	3.32	7.25	87.63	73.98	94.78				3.2
08/10/00	3.74	2.35	7.14	0.07	0.00	0.41	1.22	-73.76	224.48	3.59	2.80	5.31	76.54	71.36	80.96				4.4
09/10/00	3.70	2.53	5.30	0.02	0.00	0.10	-4.74	-68.00	67.60	2.67	1.20	4.86	86.81	78.91	94.27				2.0
10/10/00	1.96	0.03	4.18	0.01	0.00	0.05	3.68	-6.47	32.02	3.90	3.10	5.31	93.10	88.06	94.53				53.0
11/10/00	2.96	0.22	5.58	0.02	0.00	0.14	9.39	-8.80	78.80	3.09	1.78	4.76	92.07	85.12	94.53				41.0
12/10/00	2.46	0.36	4.56	0.02	0.00	0.17	11.33	-20.36	119.12	4.78	4.15	5.99	94.57	91.97	95.10				29.2
13/10/00	2.62	0.33	6.12	0.06	0.00	0.40	33.20	-14.61	241.12	5.45	3.24	7.17	87.65	75.71	94.98				4.0
14/10/00	4.28	2.54	7.45	0.07	0.00	0.45	22.15	-63.04	264.08	5.62	3.26	7.52	82.28	72.83	93.82				3.2
15/10/00	4.29	2.61	5.75	0.02	0.00	0.06	-0.68	-56.08	39.58	6.04	5.13	7.18	85.87	80.64	94.46				0.8
16/10/00	2.96	0.01	5.68	0.04	0.00	0.24	17.22	-28.07	133.92	5.41	3.52	7.23	89.28	78.66	95.10				0.0
17/10/00	5.85	3.16	10.99	0.04	0.00	0.30	-7.32	-72.88	146.80	4.23	3.07	5.18	81.66	64.32	93.89				2.0
18/10/00	5.11	3.11	6.40	0.03	0.00	0.24	3.95	-63.04	118.40	5.18	4.08	7.18	82.82	74.18	95.23				30.6
19/10/00	4.58	3.00	5.94	0.04	0.00	0.21	0.52	-59.04	128.64	3.47	2.88	4.63	80.48	75.26	86.53				0.4
20/10/00	5.32	2.70	10.18	0.00	0.00	0.02	-11.88	-61.68	13.37	3.66	2.42	4.49	87.16	76.80	94.14				13.6
21/10/00	3.63	0.22	6.11	0.06	0.00	0.39	-7.56	-71.60	195.68	4.37	3.32	5.99	76.80	61.63	83.26				2.6
22/10/00	4.79	2.68	8.83	0.01	0.00	0.09	-1.09	-71.60	55.36	3.00	2.28	3.81	84.95	69.06	93.63				0.0
23/10/00	4.98	3.44	6.49	0.01	0.00	0.07	5.07	-20.58	42.32	4.80	3.16	5.68	89.03	81.98	94.91				18.0
24/10/00	5.30	2.65	7.85	0.04	0.00	0.28	13.88	-24.30	148.88	5.36	4.57	6.74	84.59	75.65	93.63				1.8
25/10/00	6.62	3.54	10.53	0.03	0.00	0.26	11.24	-43.20	150.24	4.77	1.67	7.66	84.47	72.45	94.14				16.2
26/10/00	4.03	0.84	7.39	0.03	0.00	0.16	-0.32	-60.40	107.20	3.68	1.64	5.24	83.19	75.01	88.83				2.4
27/10/00	4.67	2.19	7.69	0.04	0.00	0.33	-4.86	-72.72	168.16	4.45	3.01	7.29	82.51	71.42	94.08				7.0
28/10/00	5.27	2.83	7.02	0.01	0.00	0.06	-10.58	-71.92	39.28	3.98	1.57	6.96	86.61	68.93	95.04				0.6
29/10/00	7.28	4.94	9.47	0.02	0.00	0.12	9.54	-22.33	79.60	2.03	0.53	4.08	84.62	75.39	92.10				65.6
30/10/00	3.65	0.00	6.37	0.03	0.00	0.14	-5.63	-65.12	102.40	0.53	-1.79	2.29	82.44	76.29	89.98				5.0
31/10/00	3.76	2.48	5.44	0.03	0.00	0.23	-7.26	-60.56	118.24	1.80	-0.15	3.21	80.65	67.39	87.87				0.8

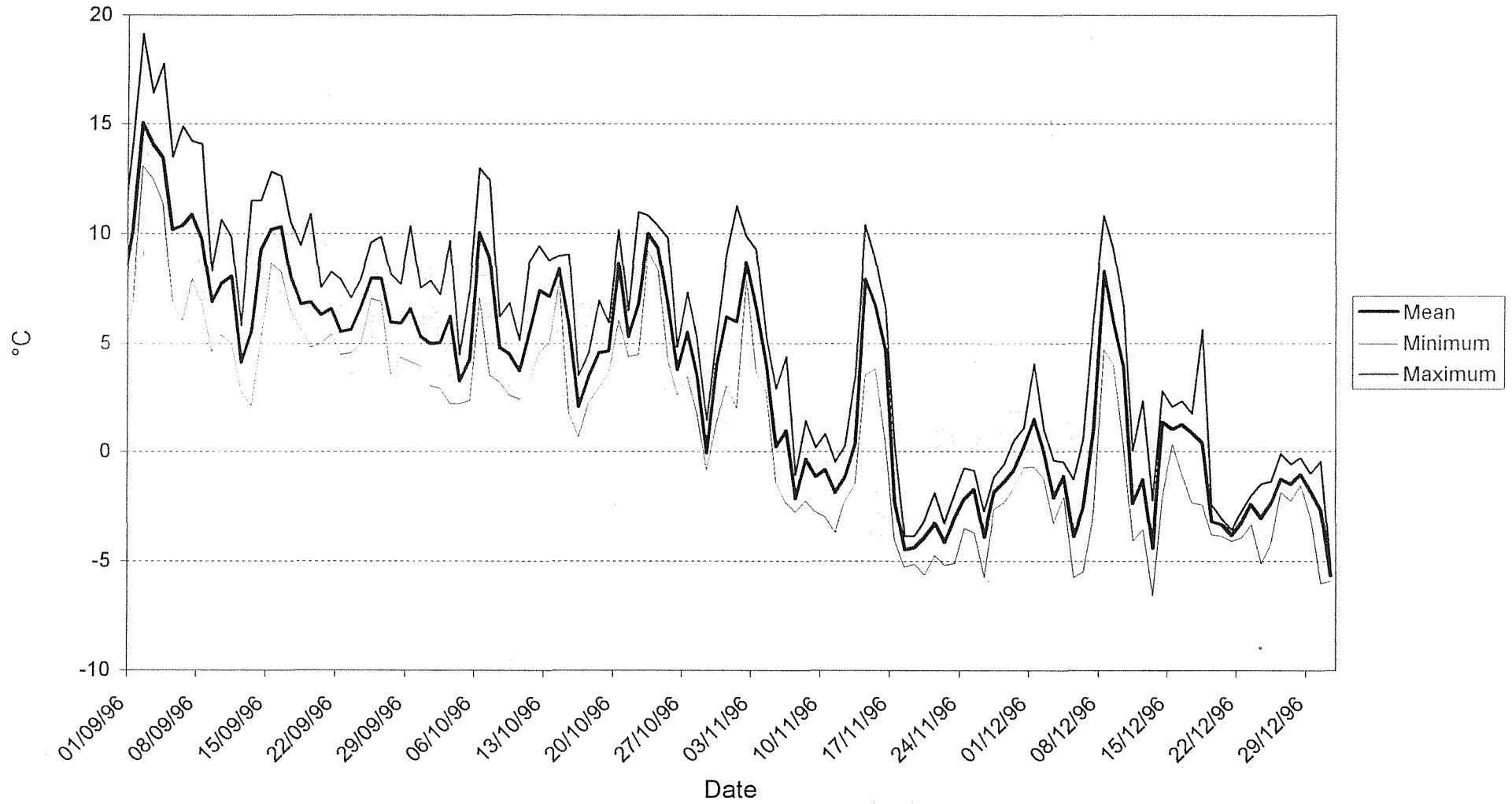
Lochnagar: Daily summary data: November 2000

Date	Wind speed (m/s)			Solarimeter (kW/m ²)			Net Radiometer (W/m ²)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/11/00	3.30	0.84	5.62	0.03	0.00	0.32	-11.84	-63.68	162.24	0.11	-0.98	0.95	78.83	61.70	89.66				0.6
02/11/00	1.41	0.00	3.33	0.02	0.00	0.14	-7.94	-70.08	75.68	0.44	-0.09	1.58	86.08	63.23	92.42				1.0
03/11/00	4.03	2.67	5.58	0.03	0.00	0.24	3.94	-67.28	162.56	1.02	-0.01	1.98	85.26	71.68	92.80				0.4
04/11/00	3.59	2.31	5.23	0.02	0.00	0.14	-13.11	-71.04	94.56	1.51	1.12	2.12	81.98	77.82	86.46				0.2
05/11/00	1.33	0.00	5.43	0.02	0.00	0.29	-36.04	-73.60	132.96	0.58	-0.74	2.36	77.77	69.38	91.97				0.8
06/11/00	2.84	0.03	4.88	0.00	0.00	0.01	0.89	-1.98	9.84	0.48	-0.44	1.80	92.68	91.97	93.18				5.4
07/11/00	5.53	4.16	6.96	0.00	0.00	0.02	1.39	-2.97	8.43	0.94	0.03	1.49	93.09	92.61	93.44				37.4
08/11/00	5.44	2.98	7.07	0.01	0.00	0.05	4.41	-0.58	28.17	1.64	0.58	2.40	93.66	93.25	94.02				26.6
09/11/00	3.19	1.34	4.72	0.01	0.00	0.06	6.10	-4.15	41.84	2.22	1.26	2.68	94.05	93.70	94.21				11.6
10/11/00	2.88	0.00	6.34	0.02	0.00	0.09	-11.86	-49.60	46.08	0.85	-0.27	1.92	86.31	76.61	94.08				0.2
11/11/00	2.80	0.76	4.97	0.01	0.00	0.07	-4.17	-36.86	26.62	0.85	0.17	2.03	87.41	72.90	93.44				8.2
12/11/00	1.55	0.00	3.78	0.01	0.00	0.09	-7.43	-33.48	2.12	-0.11	-1.13	0.36	89.45	80.38	92.80				2.4
13/11/00	2.76	0.00	4.70	0.02	0.00	0.14	-8.18	-33.43	17.35	0.78	-2.38	1.93	84.55	76.67	91.01				0.2
14/11/00	2.59	0.00	5.11	0.02	0.00	0.15	3.87	-10.30	54.88	1.26	0.29	1.91	91.09	86.53	93.06				13.4
15/11/00	4.33	0.00	7.29	0.01	0.00	0.08	-1.51	-22.83	25.52	0.69	-0.16	1.53	87.34	77.82	92.74				3.8
16/11/00	2.55	0.43	4.80	0.01	0.00	0.06	-26.33	-67.04	1.25	0.92	-0.29	2.61	82.80	74.43	93.25				15.6
17/11/00	3.36	1.22	5.83	0.02	0.00	0.09	-34.84	-68.56	16.00	-1.02	-1.86	0.55	78.67	70.91	85.38				0.0
18/11/00	4.61	0.16	6.75	0.01	0.00	0.09	-8.83	-42.24	14.60	-0.01	-1.06	2.25	81.43	70.98	89.47				3.6
19/11/00	4.40	3.13	6.89	0.02	0.00	0.13	-5.14	-53.92	18.37	-0.49	-1.00	0.13	85.97	75.90	91.52				0.0
20/11/00	2.67	0.00	6.43	0.01	0.00	0.07	-4.52	-36.61	2.49	-0.61	-1.14	0.11	89.32	80.51	91.65				0.0
21/11/00	1.97	0.00	5.21	0.01	0.00	0.05	-7.39	-53.60	0.21	-0.41	-1.11	0.22	89.66	84.61	92.16				0.0
22/11/00	2.61	0.00	6.43	0.01	0.00	0.06	-0.01	-9.60	9.72	0.53	-0.82	1.42	92.58	88.45	93.25				0.0
23/11/00	5.23	3.21	8.29	0.01	0.00	0.09	-37.74	-72.08	-3.27	0.96	0.46	1.46	81.22	74.18	86.85				0.0
24/11/00	4.59	2.33	7.11	0.02	0.00	0.14	-30.60	-66.00	-0.68	0.93	-0.04	1.46	80.87	71.17	92.48				0.0
25/11/00	4.28	2.36	6.80	0.01	0.00	0.07	0.25	-17.57	10.02	1.24	-0.09	2.21	92.18	86.21	93.50				0.0
26/11/00	3.19	0.00	6.60	0.01	0.00	0.09	-11.60	-66.32	9.95	1.21	0.71	1.79	87.41	75.14	93.25				0.0
27/11/00	4.60	2.57	6.51	0.01	0.00	0.09	-24.75	-62.08	10.42	1.19	0.71	1.60	83.23	74.82	92.99				0.4
28/11/00	3.58	0.13	7.46	0.01	0.00	0.05	9.00	1.21	20.71	4.80	1.07	7.51	92.33	78.02	95.10				38.8
29/11/00	6.89	4.93	10.21	0.00	0.00	0.01	4.65	-8.91	14.23	5.89	4.04	7.71	89.29	81.92	94.78				15.4
30/11/00	5.26	3.61	8.19	0.01	0.00	0.07	-10.77	-74.80	41.76	2.57	0.72	4.21	84.57	68.61	94.27				18.6

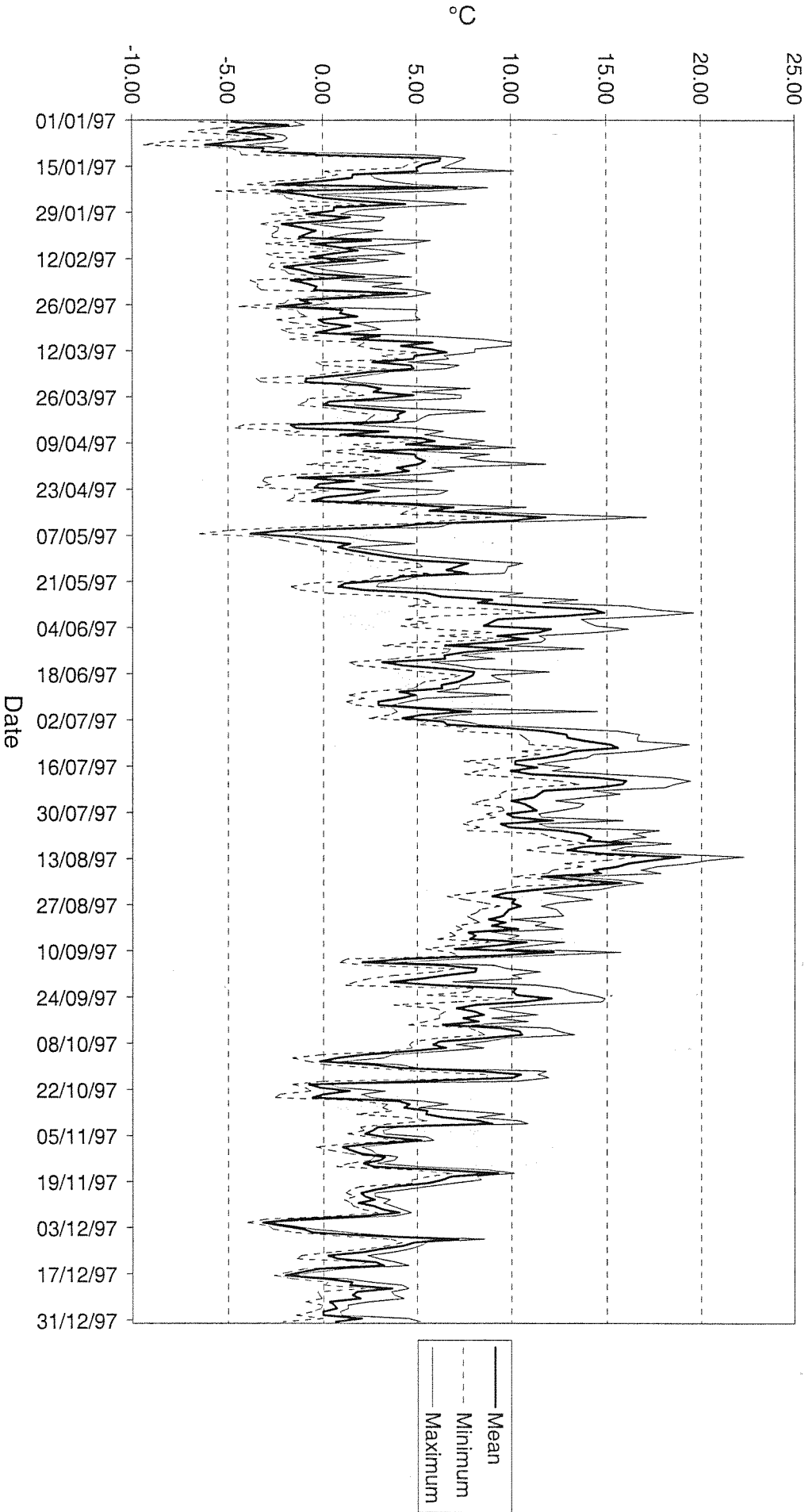
Lochnagar: Daily summary data: December 2000

Date	Wind speed (m/s)			Solarimeter (kW/m ²)			Net Radiometer (W/m ²)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall (mm)
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	
01/12/00	4.71	2.04	6.95	0.00	0.00	0.02	-4.36	-58.80	13.31	5.01	3.79	6.43	91.19	78.91	95.23				27.4
02/12/00	6.87	5.49	8.61	0.00	0.00	0.03	-0.66	-22.65	20.16	3.62	3.27	4.10	87.74	80.64	92.99				29.0
03/12/00	5.69	4.39	7.46	0.01	0.00	0.05	-3.84	-26.01	19.47	2.54	1.81	3.46	84.07	79.49	93.06				13.6
04/12/00	5.19	2.62	7.63	0.00	0.00	0.01	0.81	-2.36	8.63	4.81	2.34	6.35	92.04	86.78	94.72				30.0
05/12/00	5.47	2.94	9.60	0.00	0.00	0.01	-3.38	-39.59	5.58	5.40	4.57	6.52	88.41	78.59	95.04				48.0
06/12/00	4.41	3.11	6.26	0.00	0.00	0.03	0.40	-11.93	17.35	3.58	2.57	4.51	89.93	84.86	94.14				16.0
07/12/00	3.21	0.15	5.49	0.01	0.00	0.03	-4.33	-25.78	9.82	3.70	2.21	4.52	90.87	84.74	94.27				4.8
08/12/00	1.89	0.00	4.29	0.00	0.00	0.00	0.13	-4.03	3.40	3.82	2.25	4.90	94.01	87.68	94.91				20.0
09/12/00	5.43	3.50	7.34	0.01	0.00	0.05	2.56	-9.37	34.07	3.47	2.90	3.95	86.10	83.20	93.31				9.8
10/12/00	4.34	2.08	6.25	0.01	0.00	0.08	-16.60	-69.68	52.40	2.10	1.36	2.77	83.16	75.07	93.50				9.8
11/12/00	4.31	1.78	7.61	0.01	0.00	0.04	-33.01	-81.20	13.51	2.32	0.49	5.44	75.78	35.33	91.14				2.6
12/12/00	4.37	1.58	5.82	0.01	0.00	0.08	-11.48	-60.00	30.82	4.40	2.61	6.18	81.75	52.29	94.14				2.0
13/12/00	6.32	3.72	10.21	0.01	0.00	0.07	-6.25	-46.72	19.57	0.93	-0.66	3.79	83.24	75.01	90.94				23.2
14/12/00	6.74	3.73	10.97	0.00	0.00	0.02	-0.57	-2.69	4.27	-0.45	-2.85	0.66	91.76	89.79	92.48				0.6
15/12/00	4.99	3.07	8.26	0.01	0.00	0.12	-5.78	-35.94	15.99	-4.10	-4.70	-2.96	80.72	71.49	89.60				0.4
16/12/00	0.44	0.00	2.92	0.01	0.00	0.10	-11.38	-39.04	17.86	-4.46	-5.83	-2.55	76.47	73.47	79.36				0.0
17/12/00	3.25	0.00	6.56	0.01	0.00	0.04	-27.84	-54.00	-1.12	-2.53	-3.56	-1.57	78.61	64.13	90.37				0.0
18/12/00	4.22	1.44	6.73	0.01	0.00	0.04	-24.71	-57.76	0.57	0.15	-1.62	1.68	86.51	75.97	92.16				0.0
19/12/00	8.38	5.99	11.17	0.00	0.00	0.02	-0.51	-27.81	4.73	0.34	-0.92	2.47	92.55	89.86	93.63				0.0
20/12/00	5.27	1.08	7.94	0.00	0.00	0.00	1.79	0.13	4.20	3.40	2.61	4.20	94.22	93.70	94.59				58.8
21/12/00	4.53	0.00	7.28	0.00	0.00	0.03	-0.03	-31.27	20.49	2.26	1.16	3.23	94.07	93.95	94.34				7.6
22/12/00	1.12	0.00	4.34	0.01	0.00	0.06	4.43	-9.67	46.96	1.20	-0.02	2.09	93.85	93.44	94.14				0.8
23/12/00	0.08	0.00	0.88	0.00	0.00	0.01	-0.08	-4.02	5.43	0.28	-2.02	2.05	93.61	92.35	94.08				2.8
24/12/00	0.00	0.00	0.00	0.00	0.00	0.02	-1.02	-3.72	-0.37	-2.74	-3.54	-2.10	90.86	89.47	92.29				0.0
25/12/00	0.00	0.00	0.00	0.01	0.00	0.04	-3.16	-13.41	-0.48	-3.53	-4.90	-2.80	89.31	87.42	90.18				0.0
26/12/00	0.00	0.00	0.00	0.01	0.00	0.09	-7.76	-18.45	-1.84	-4.73	-6.25	-3.38	79.08	61.70	87.36				0.0
27/12/00	0.00	0.00	0.00	0.01	-0.01	0.09	-22.61	-36.06	-6.51	-6.20	-8.09	-4.56	69.10	52.93	82.11				0.0
28/12/00	0.00	0.00	0.00	0.01	0.00	0.04	-3.06	-14.59	-0.20	-4.11	-4.94	-3.71	86.31	77.18	88.83				0.0
29/12/00	0.00	0.00	0.00	0.01	0.00	0.06	-3.15	-12.16	-0.25	-4.38	-4.95	-3.89	87.39	86.59	88.38				0.0
30/12/00	1.03	0.00	6.16	0.01	0.00	0.06	-27.06	-52.32	-3.51	-3.47	-4.50	-1.94	82.32	72.32	87.81				0.0
31/12/00	6.12	2.48	11.39	0.01	0.00	0.06	-15.18	-52.40	3.40	-2.91	-4.19	-1.49	82.46	69.76	89.79				0.0

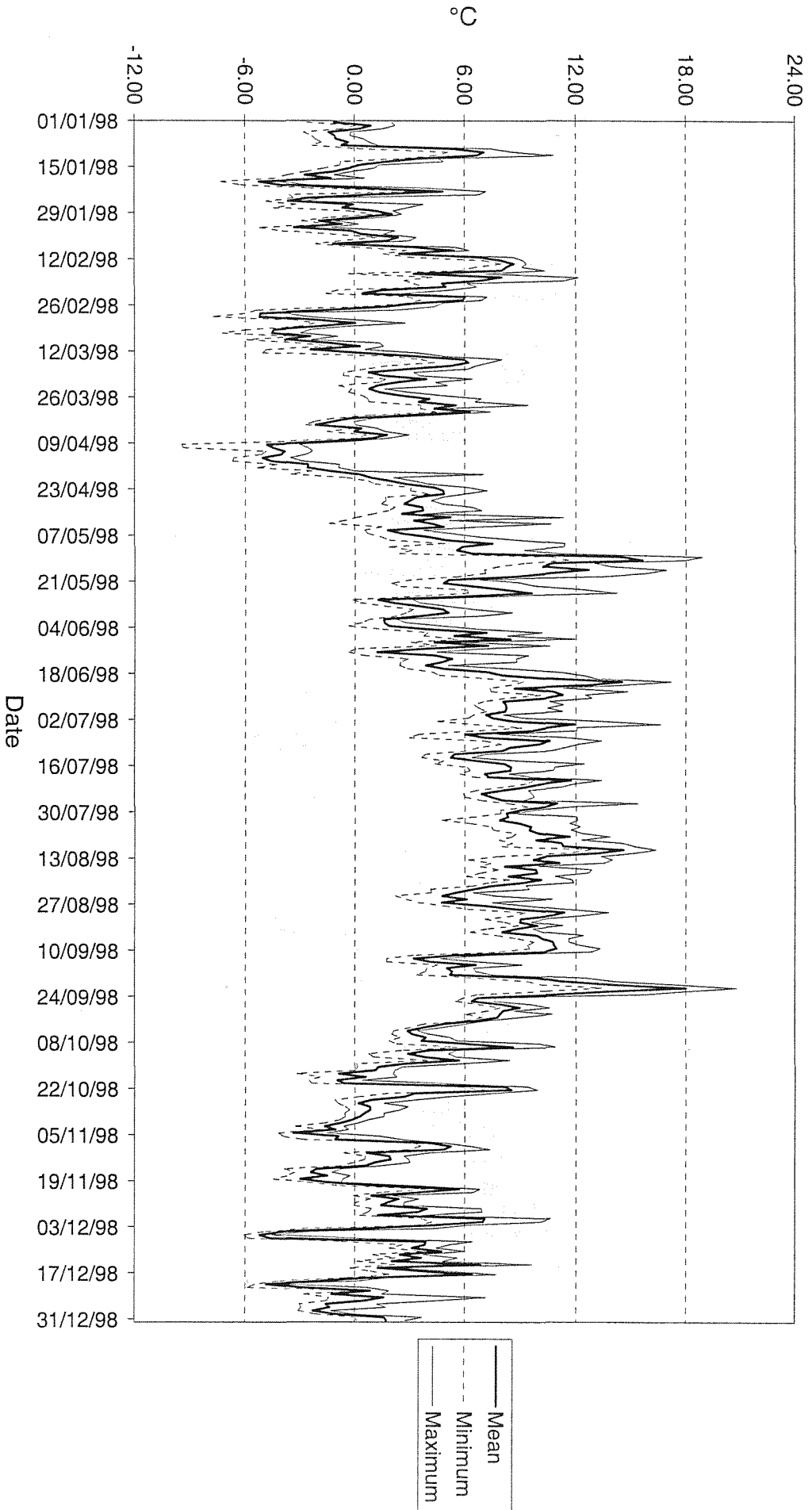
Lochnagar: 1996 Air temperature data



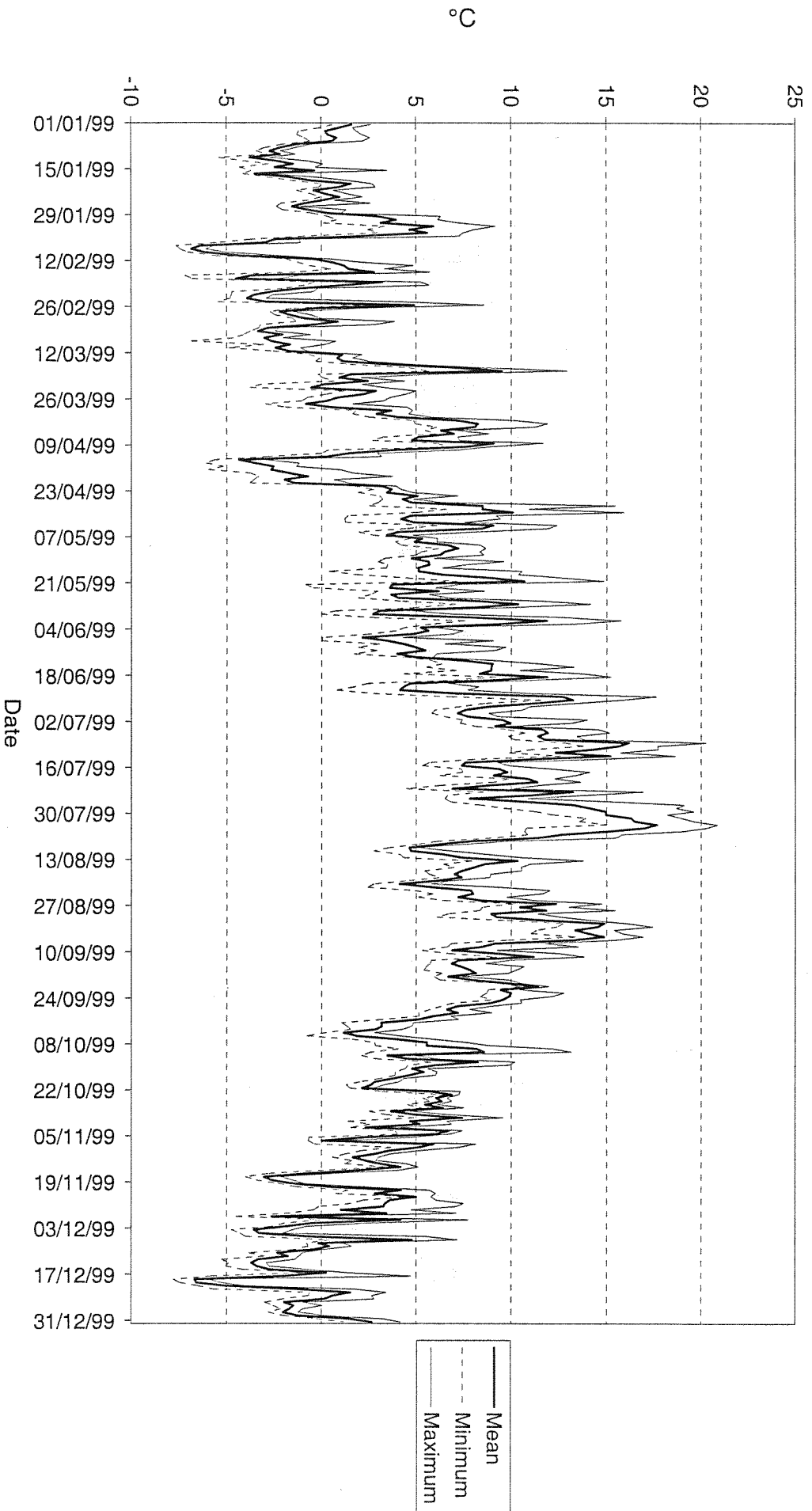
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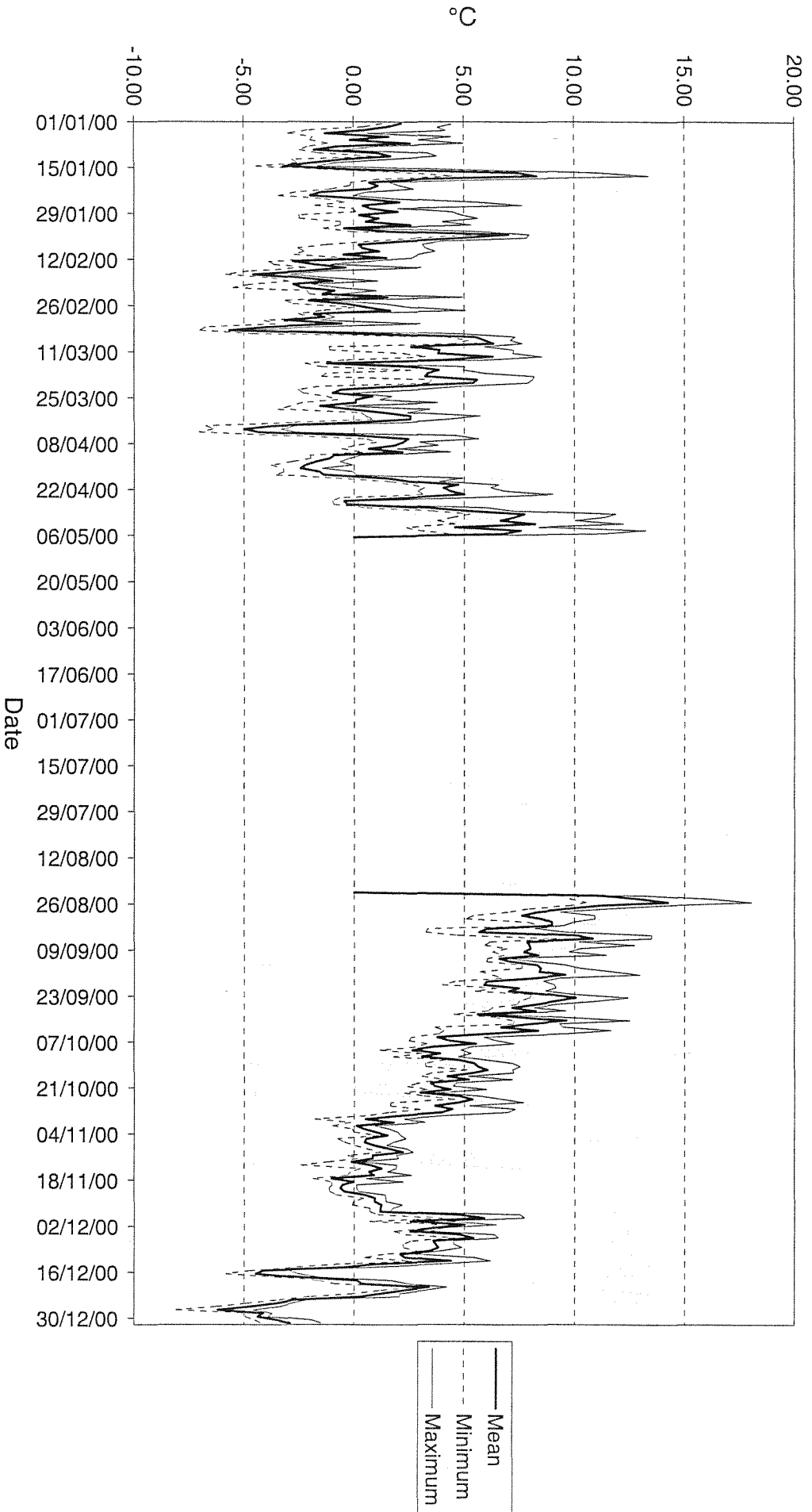
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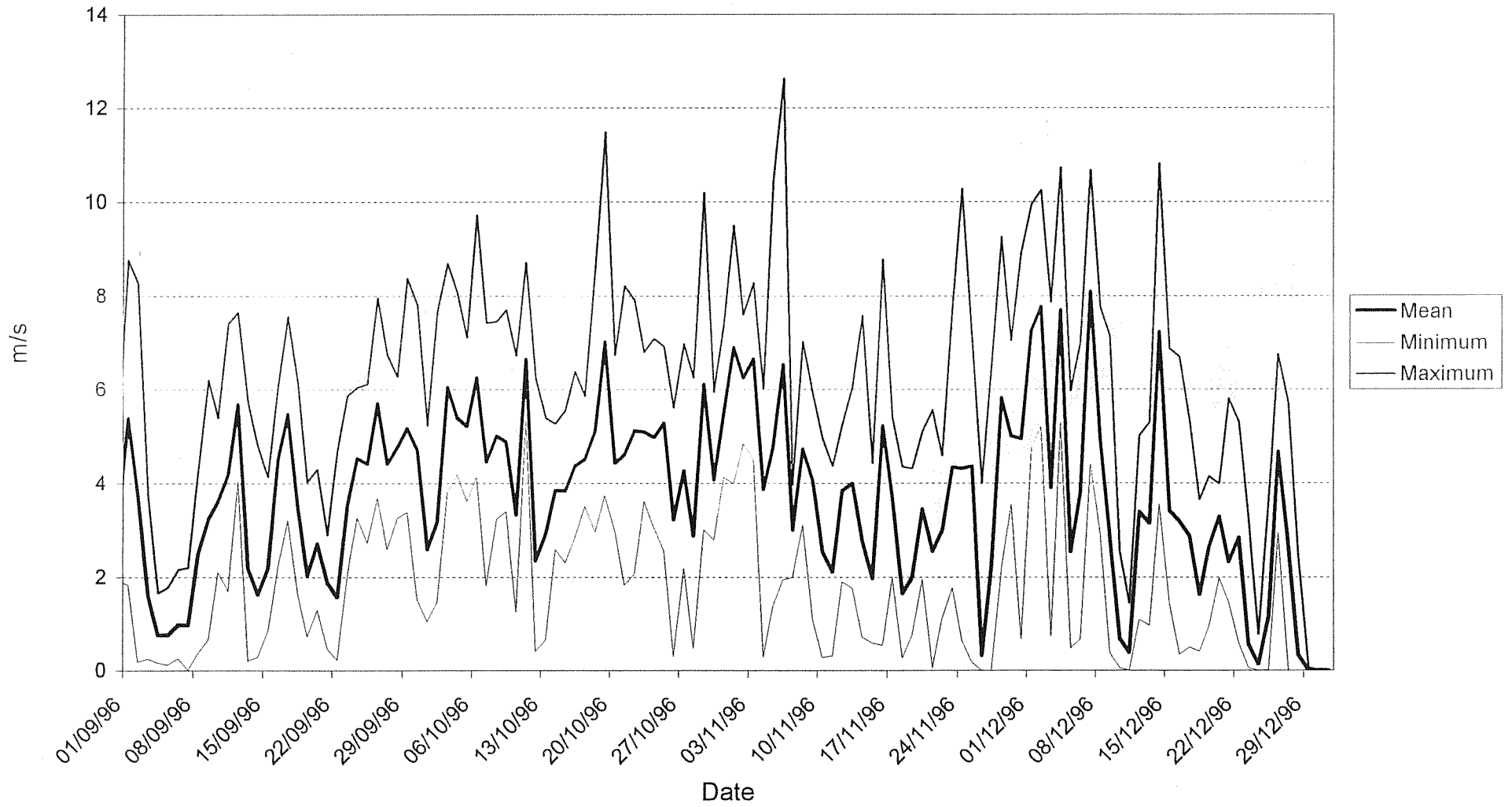
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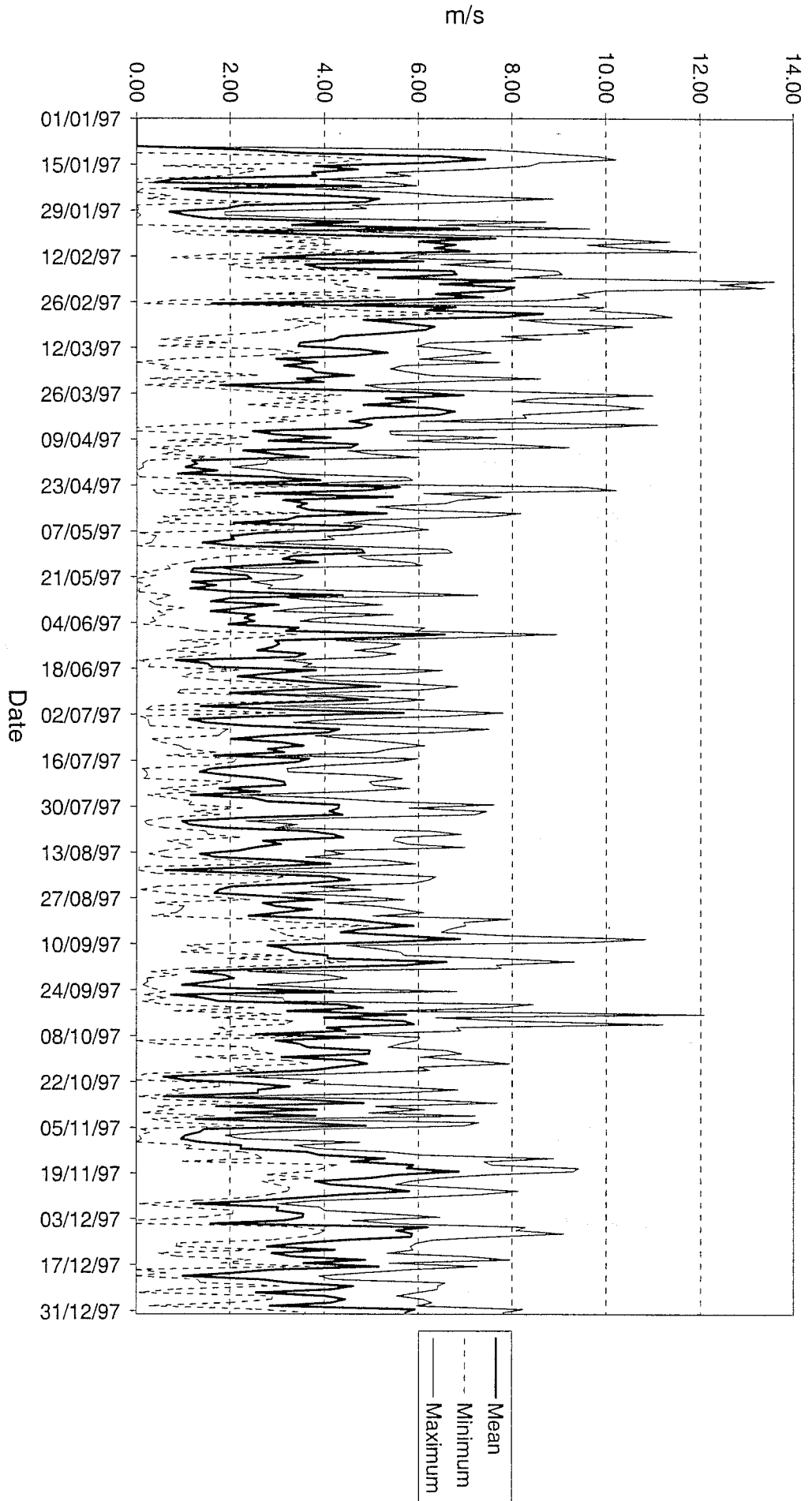
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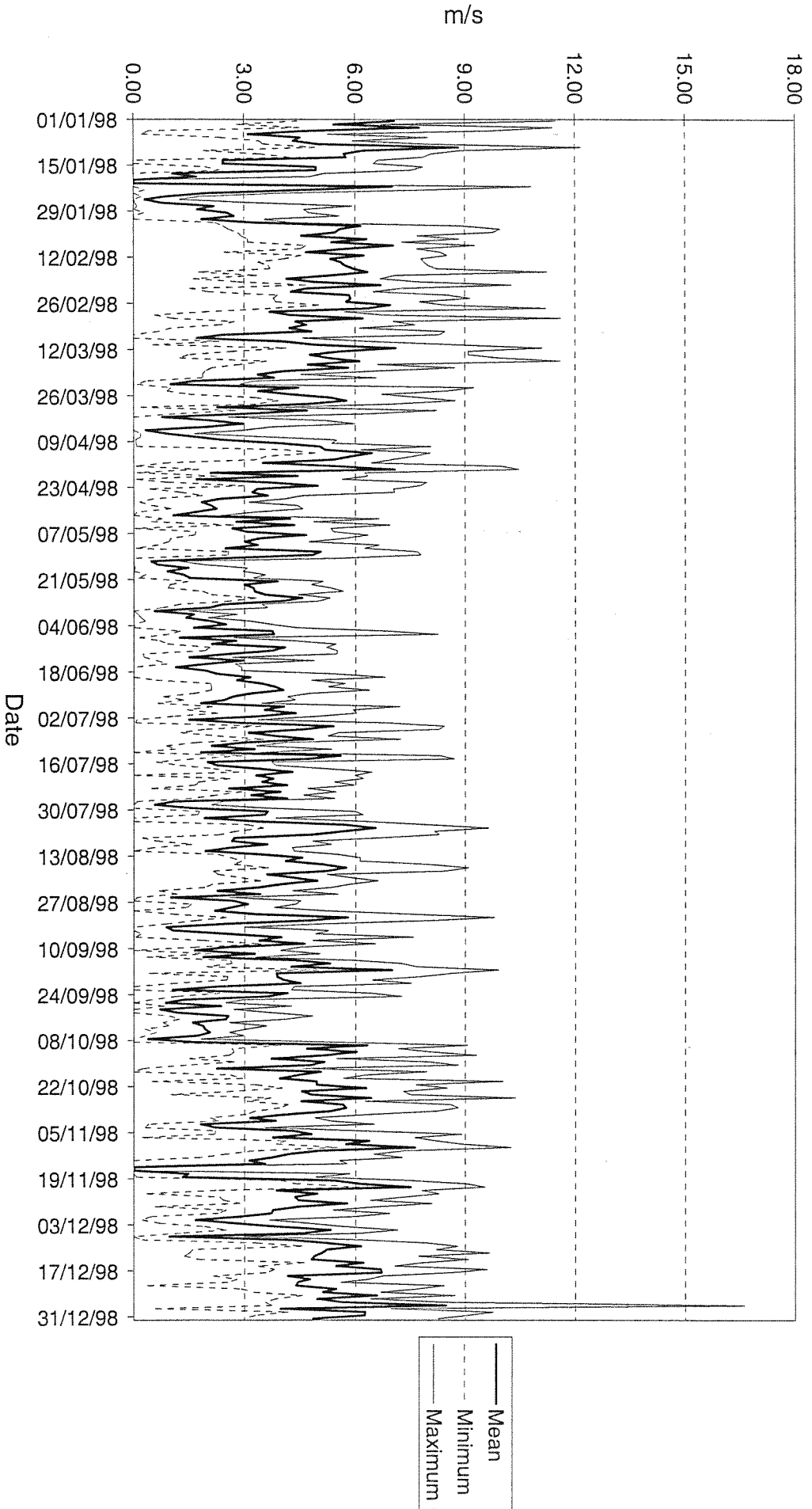
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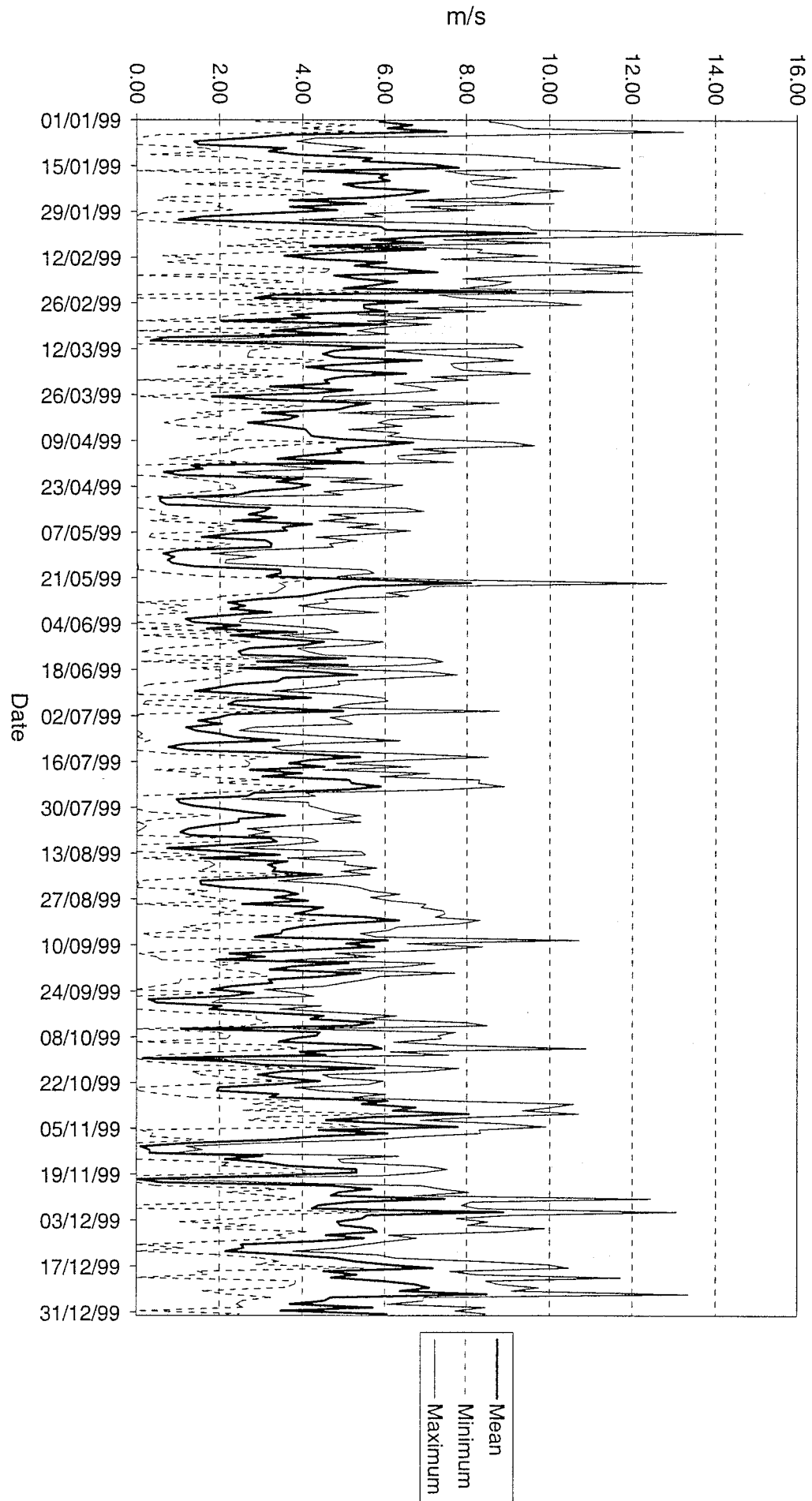
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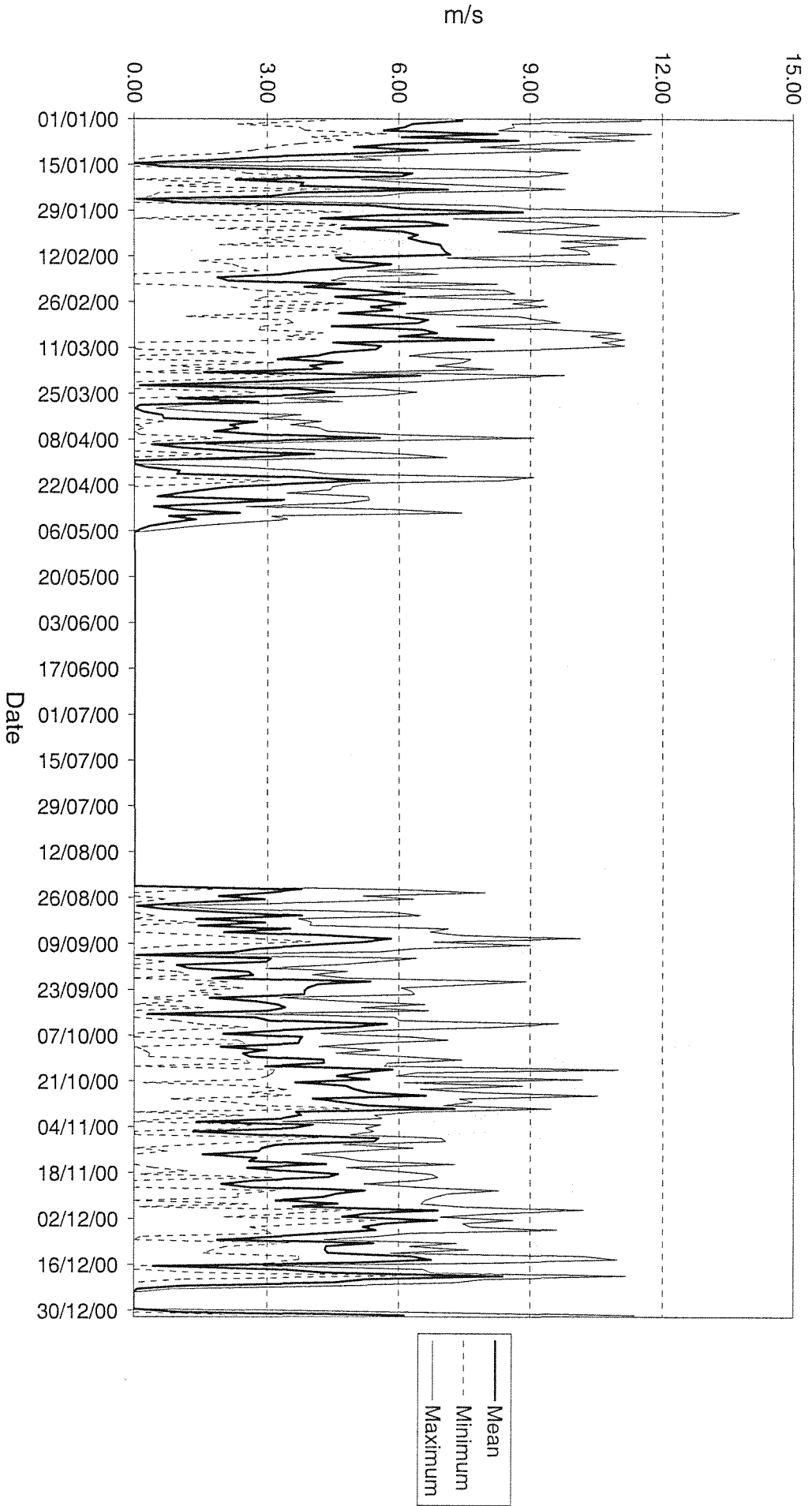
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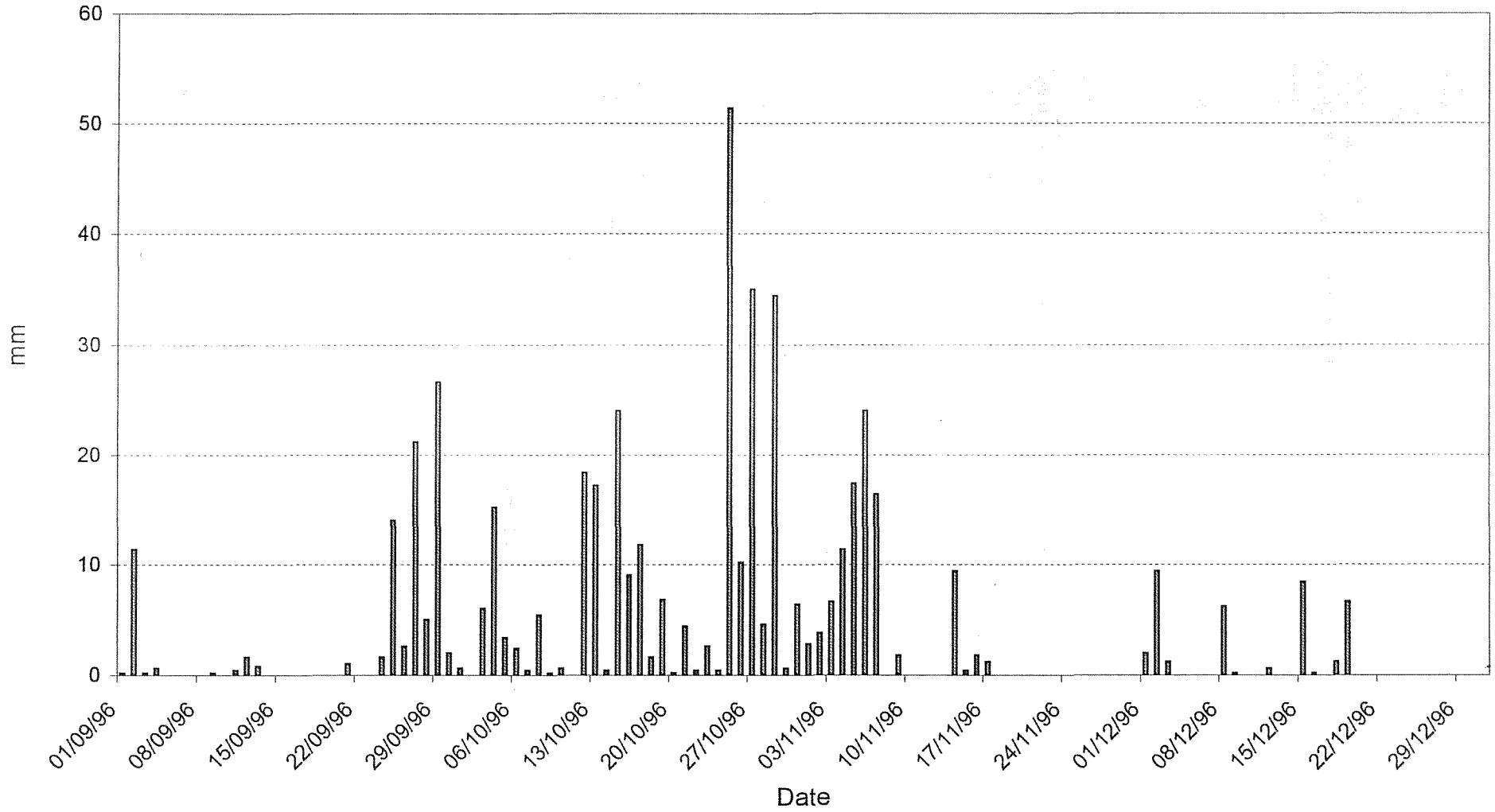
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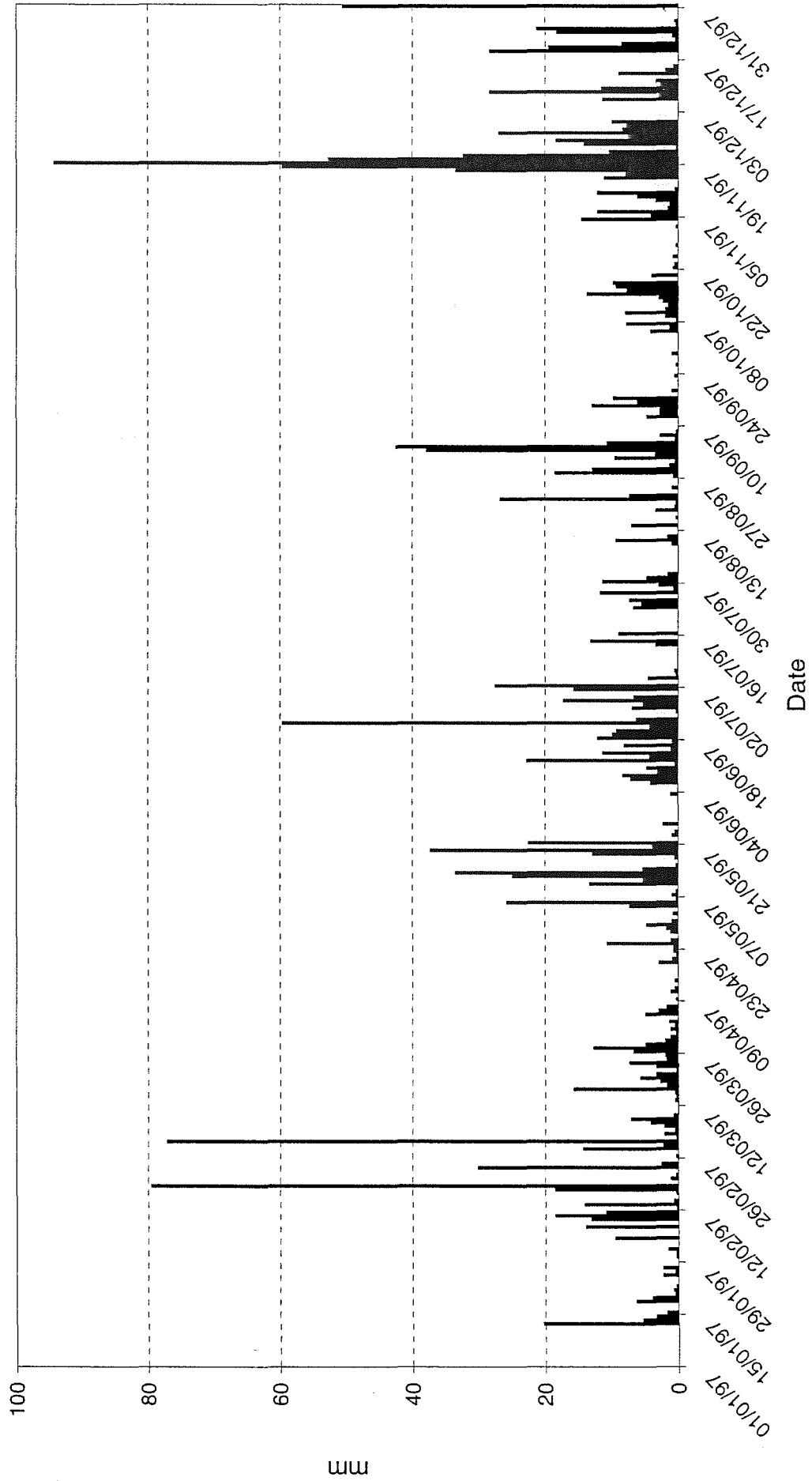
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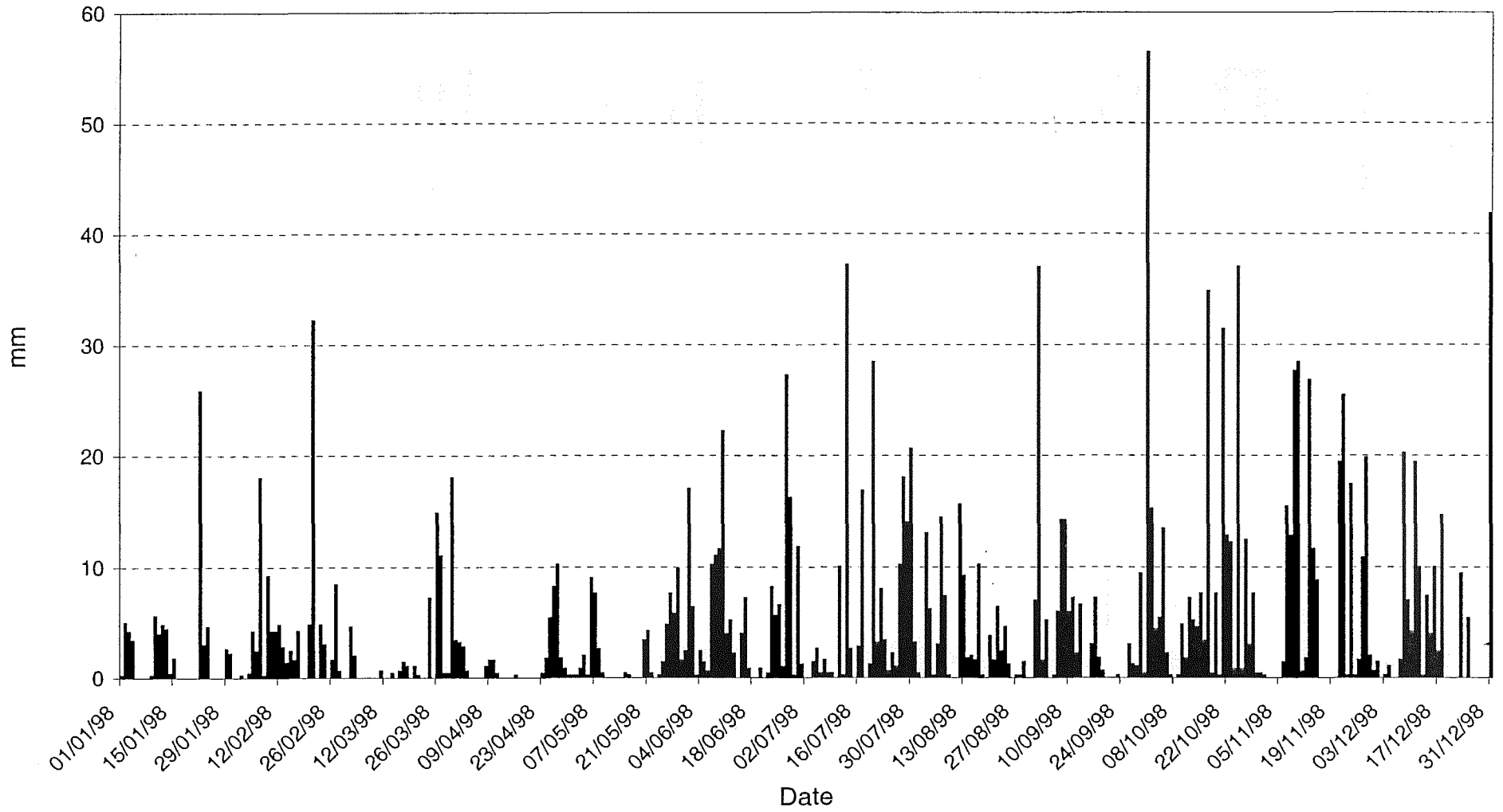
Lochnagar: 1996 Daily rainfall



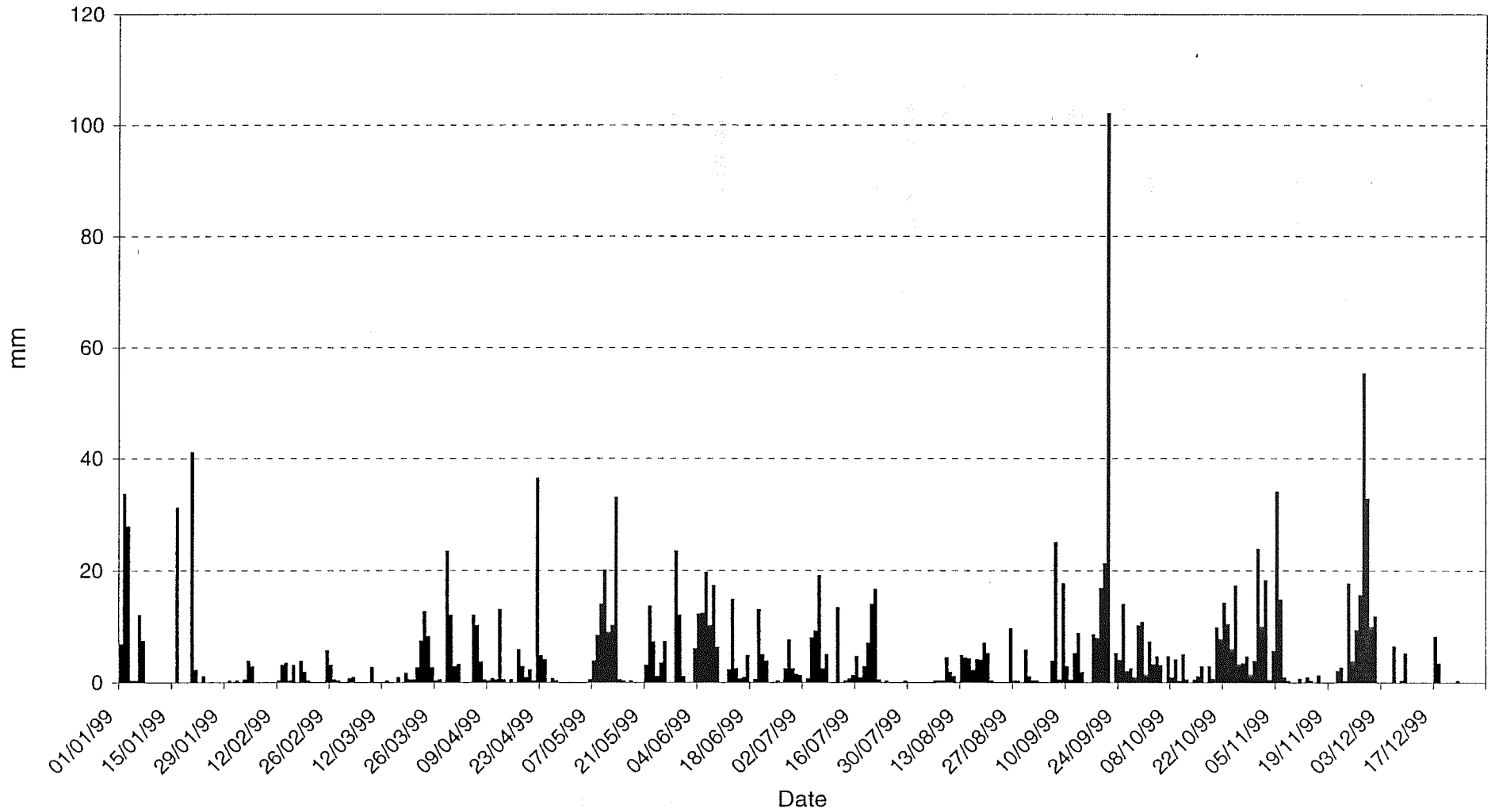
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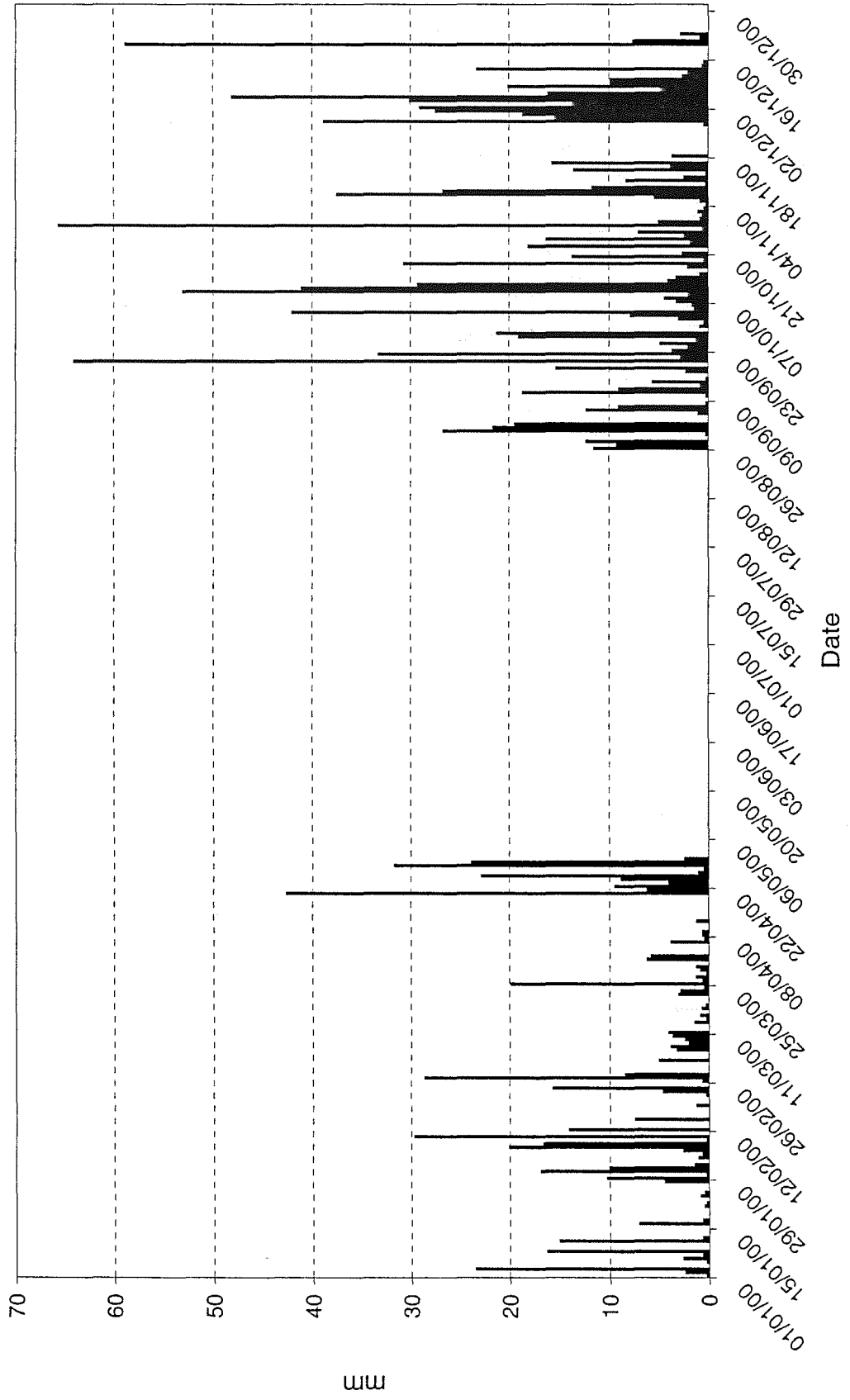
Lochnagar: 1998 Daily rainfall



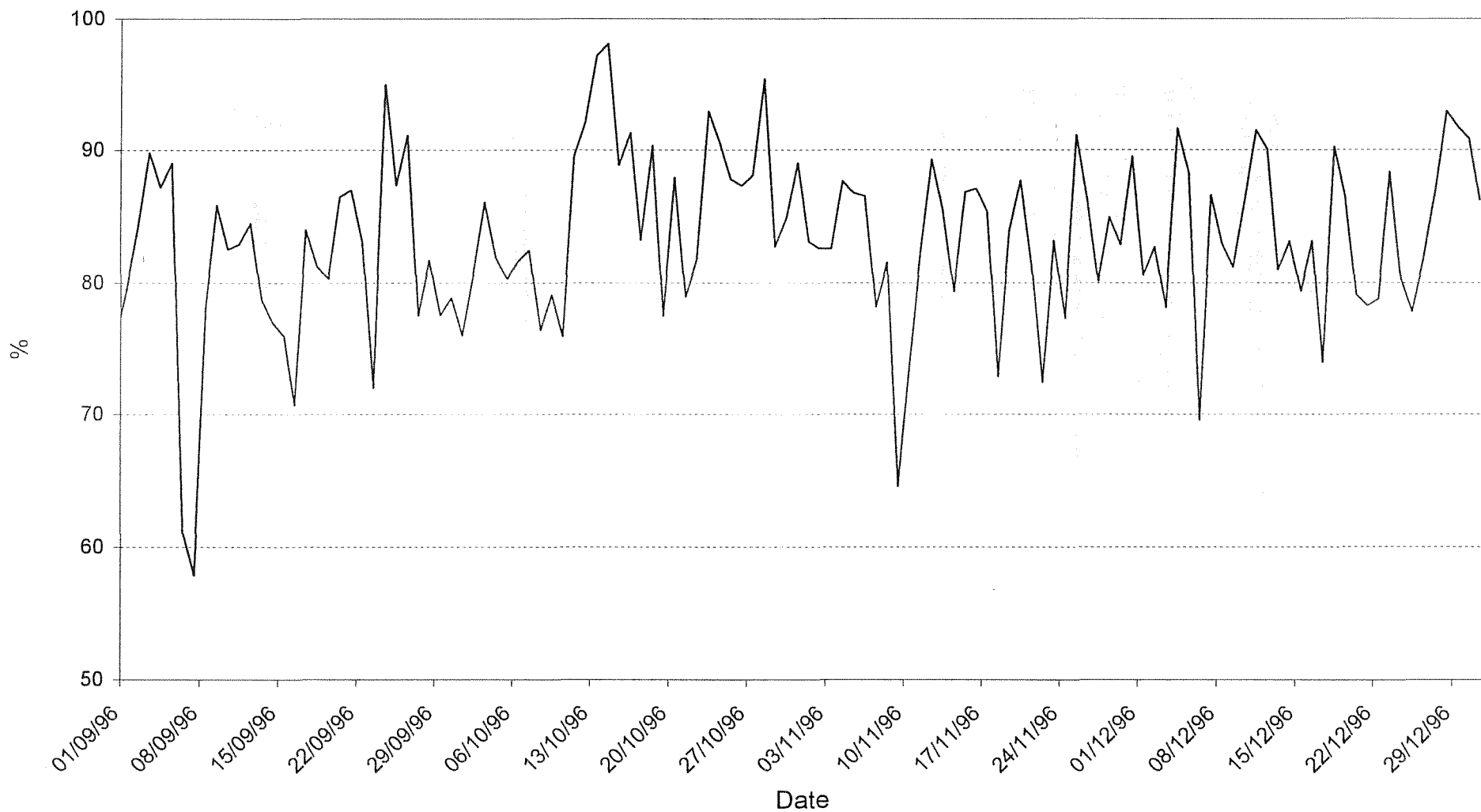
Lochnagar: 1999 Daily rainfall



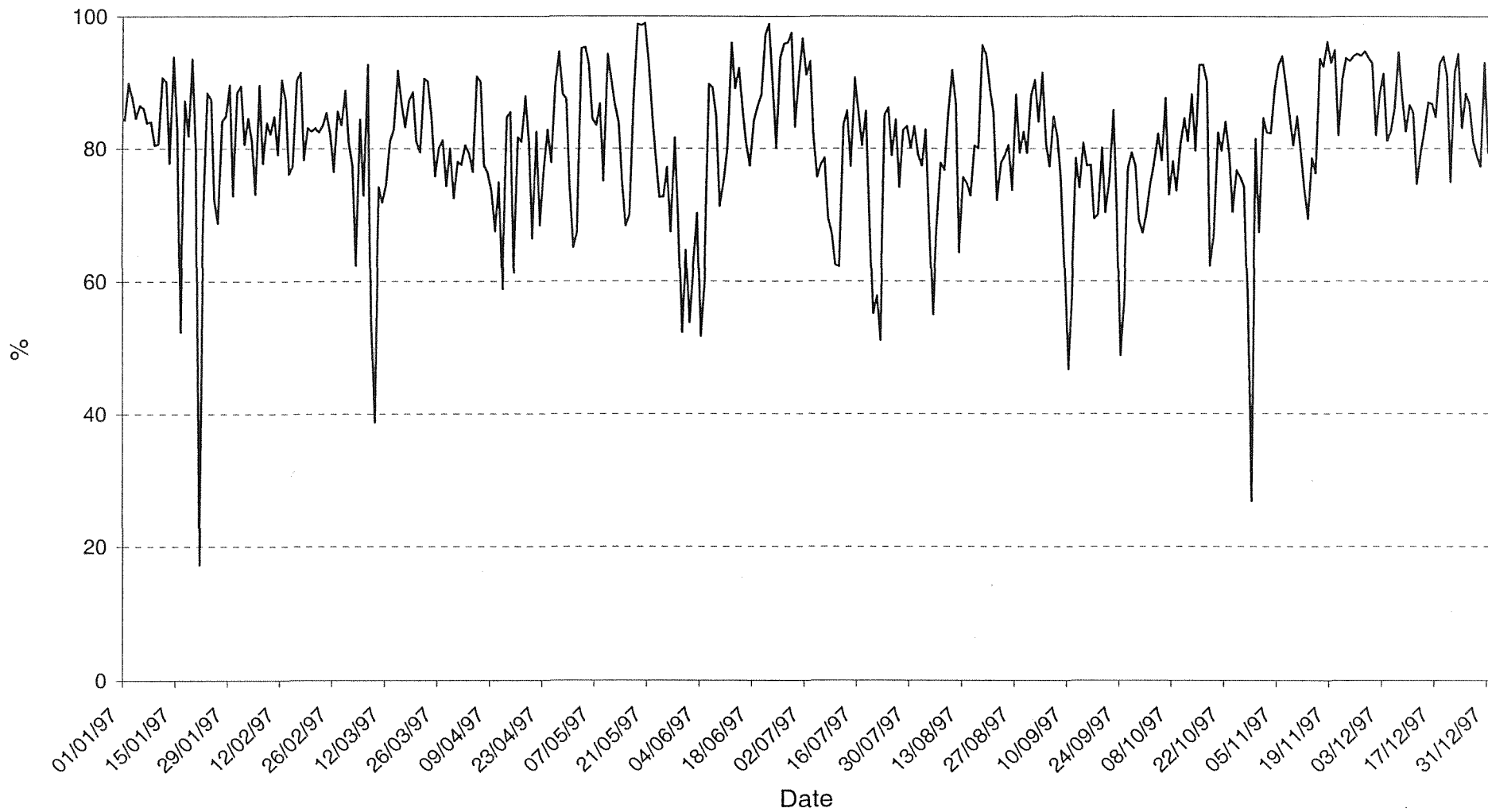
Lochnagar: 2000 Daily rainfall



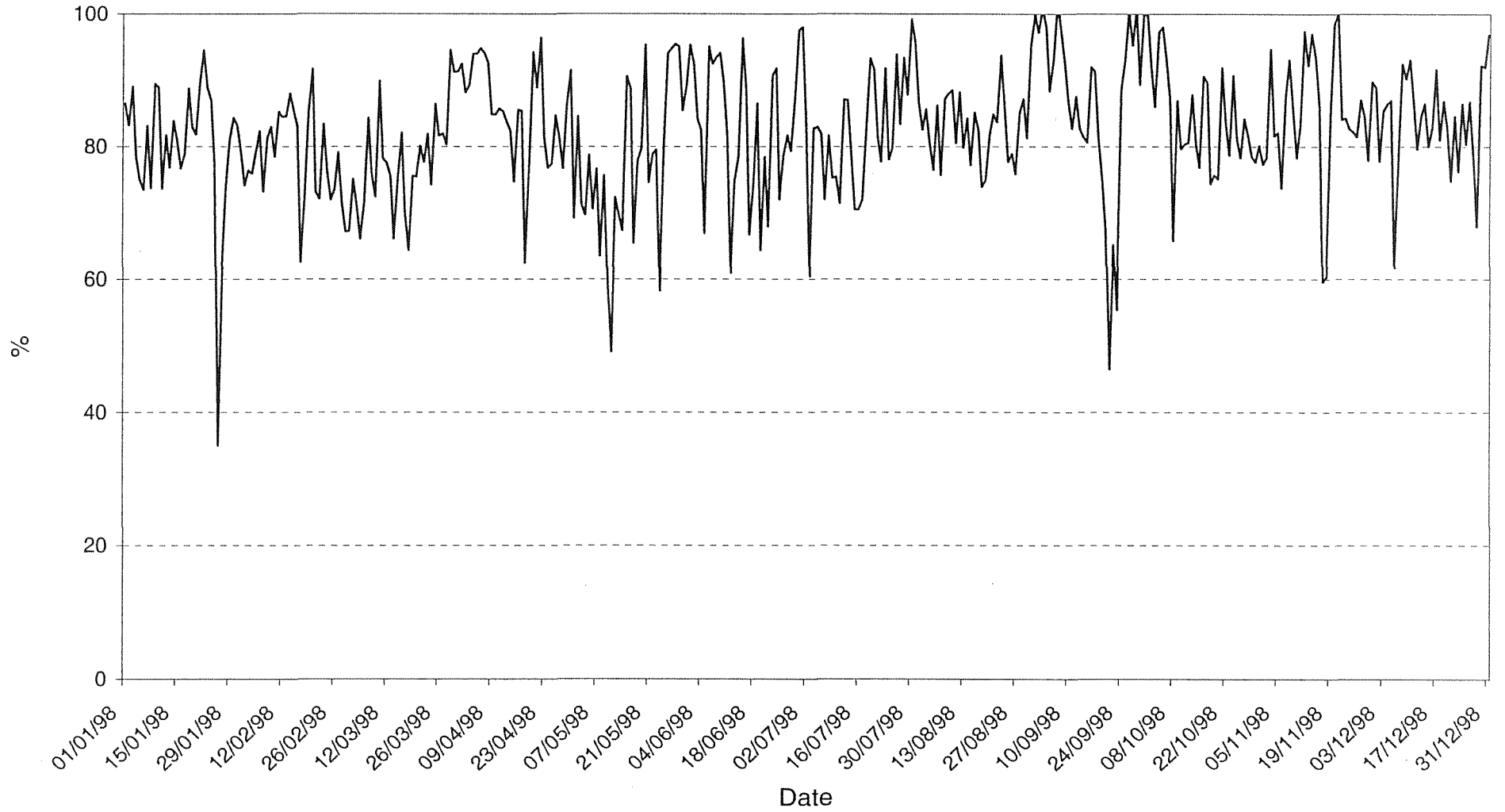
Lochnagar: 1996 Daily mean relative humidity



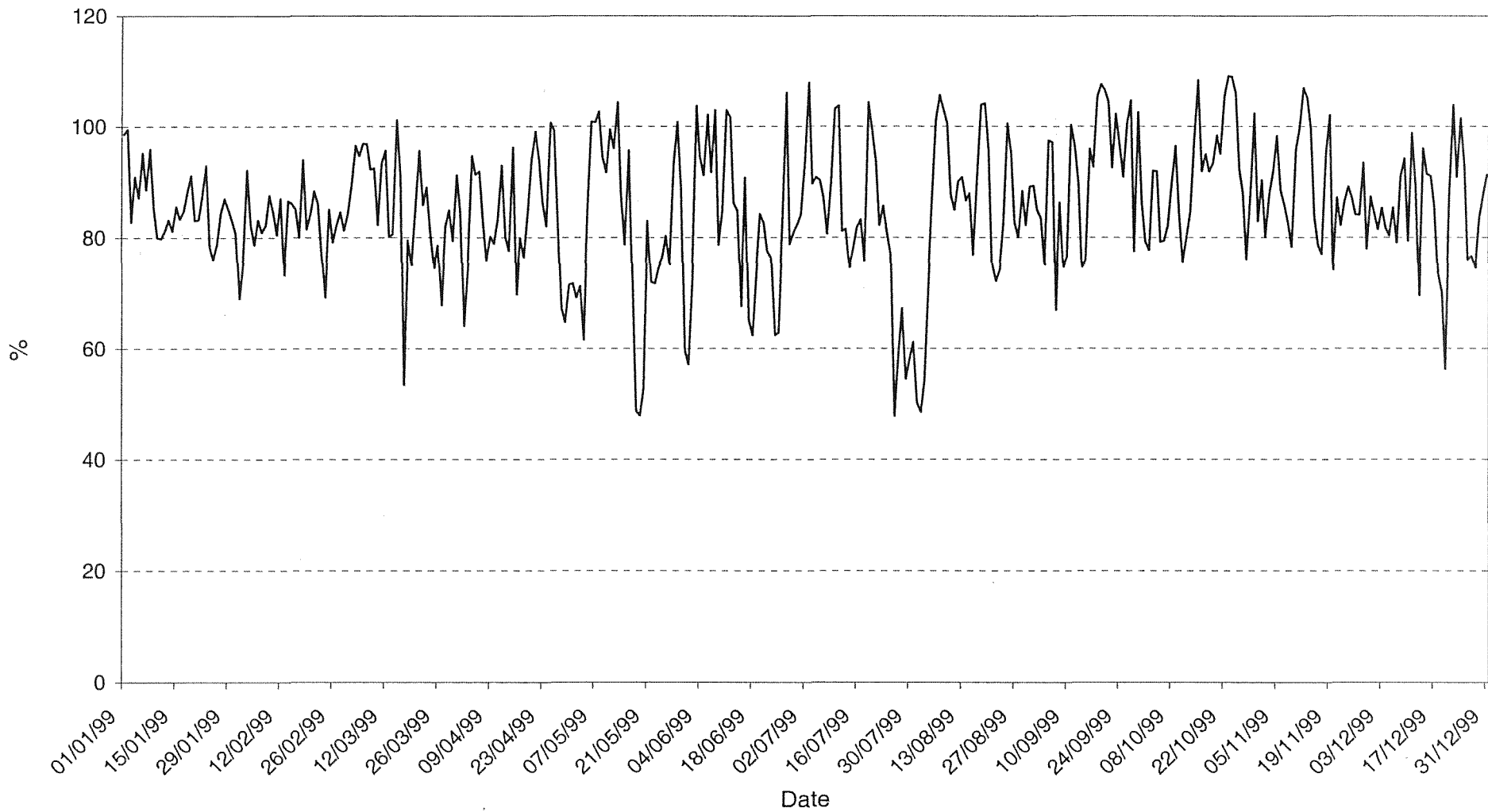
Lochnagar: 1997 Daily mean relative humidity



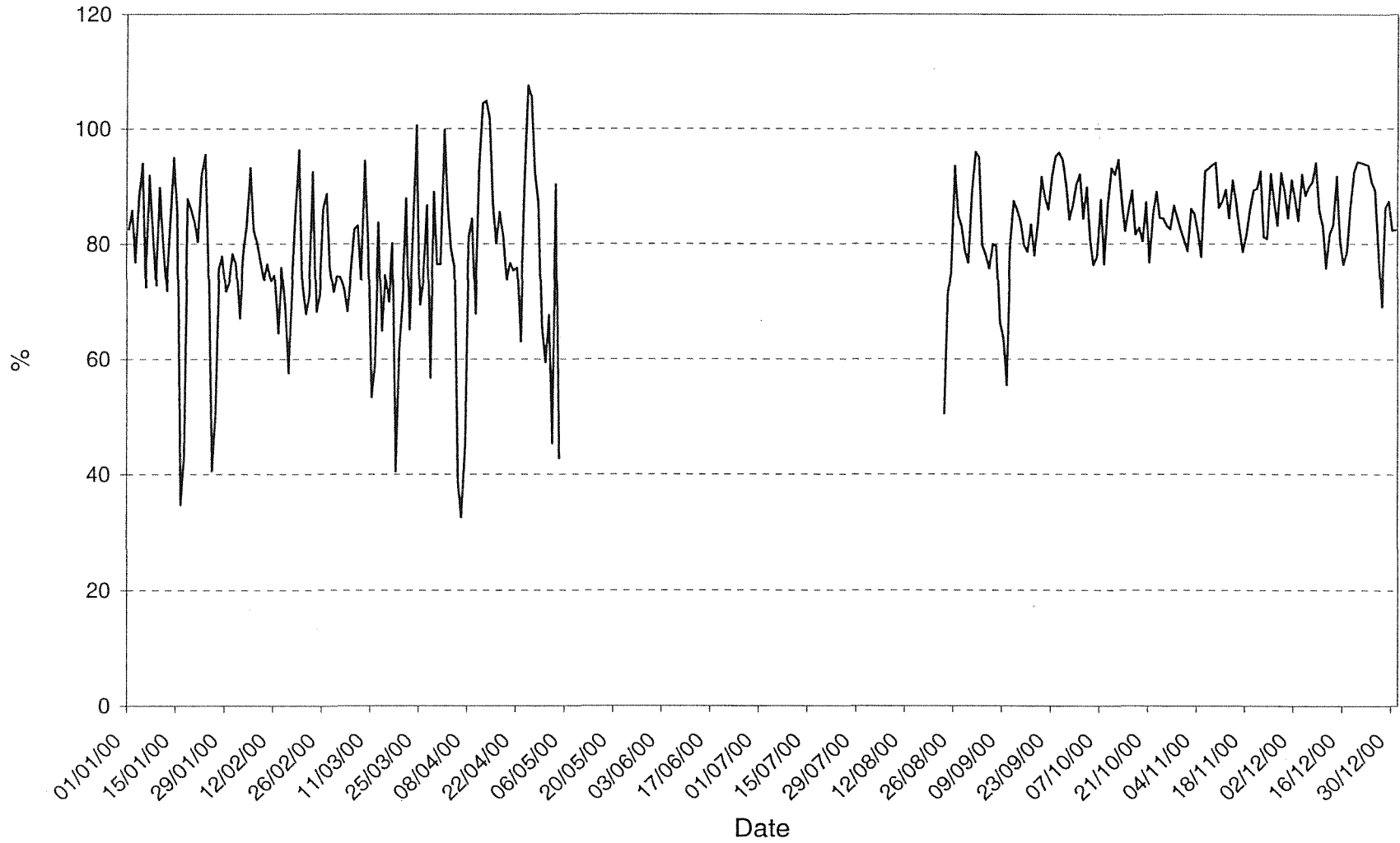
Lochnagar: 1998 Daily mean relative humidity



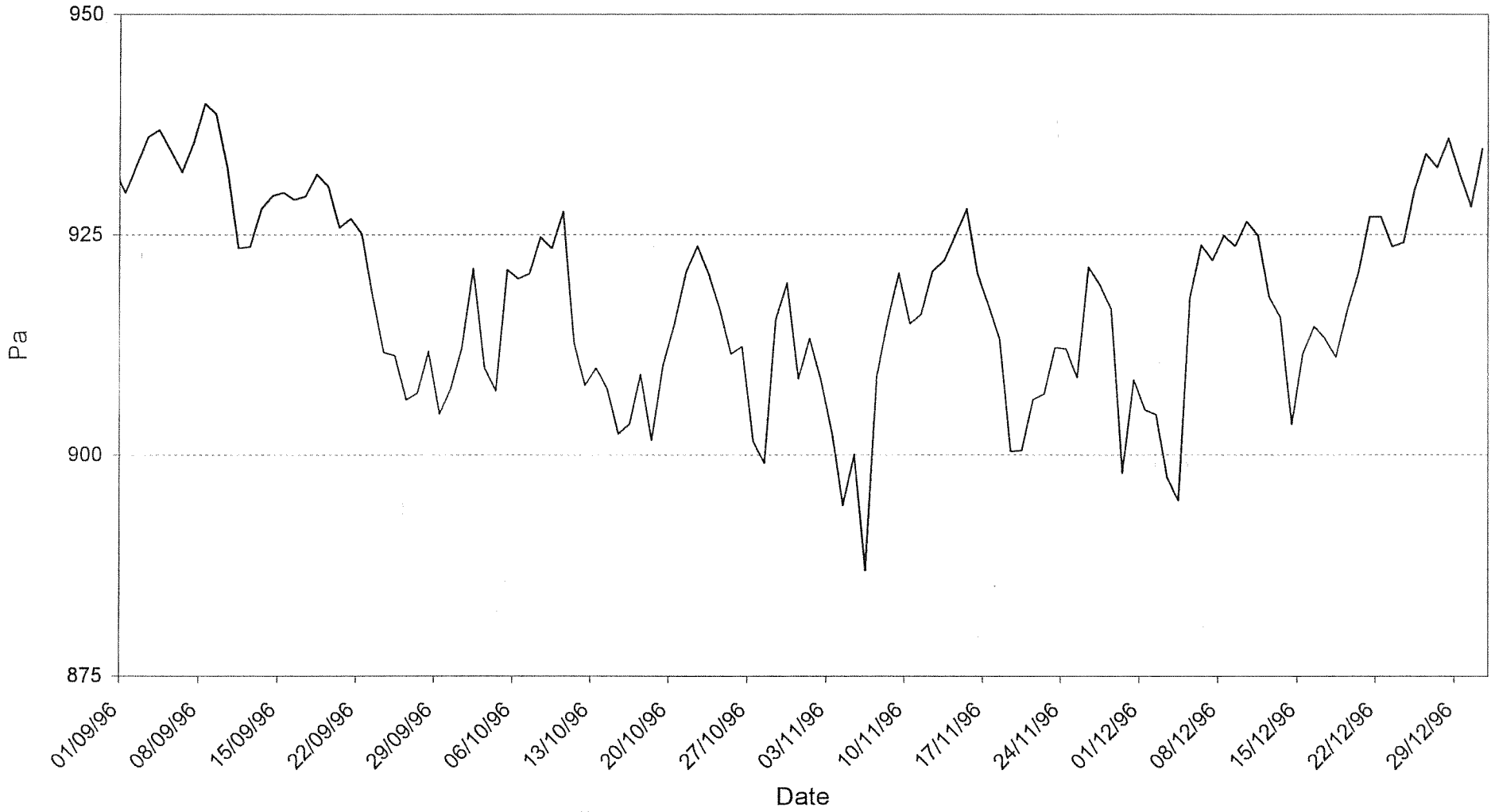
Lochnagar: 1999 Daily mean relative humidity



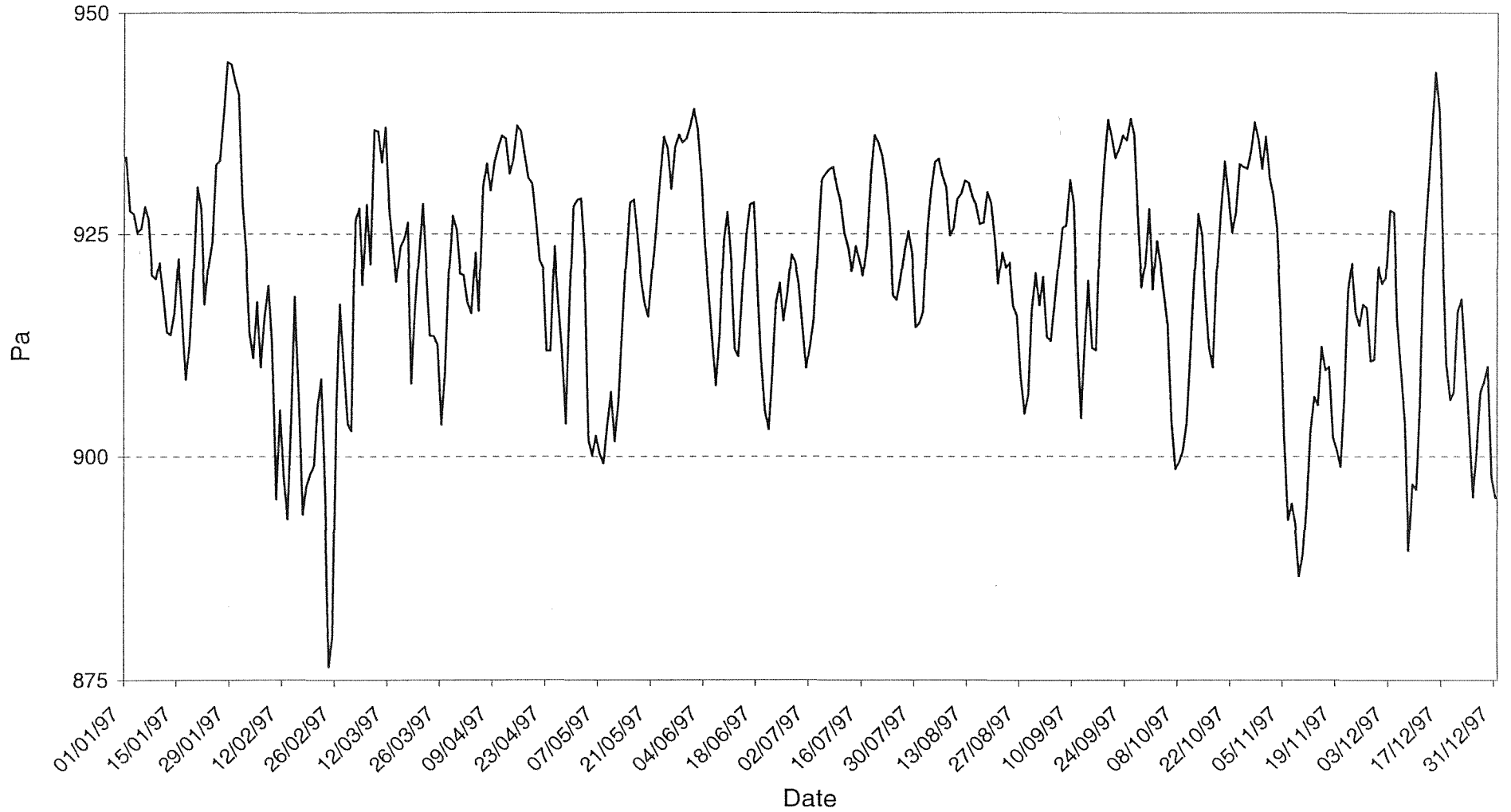
Lochnagar: 2000 Daily mean relative humidity



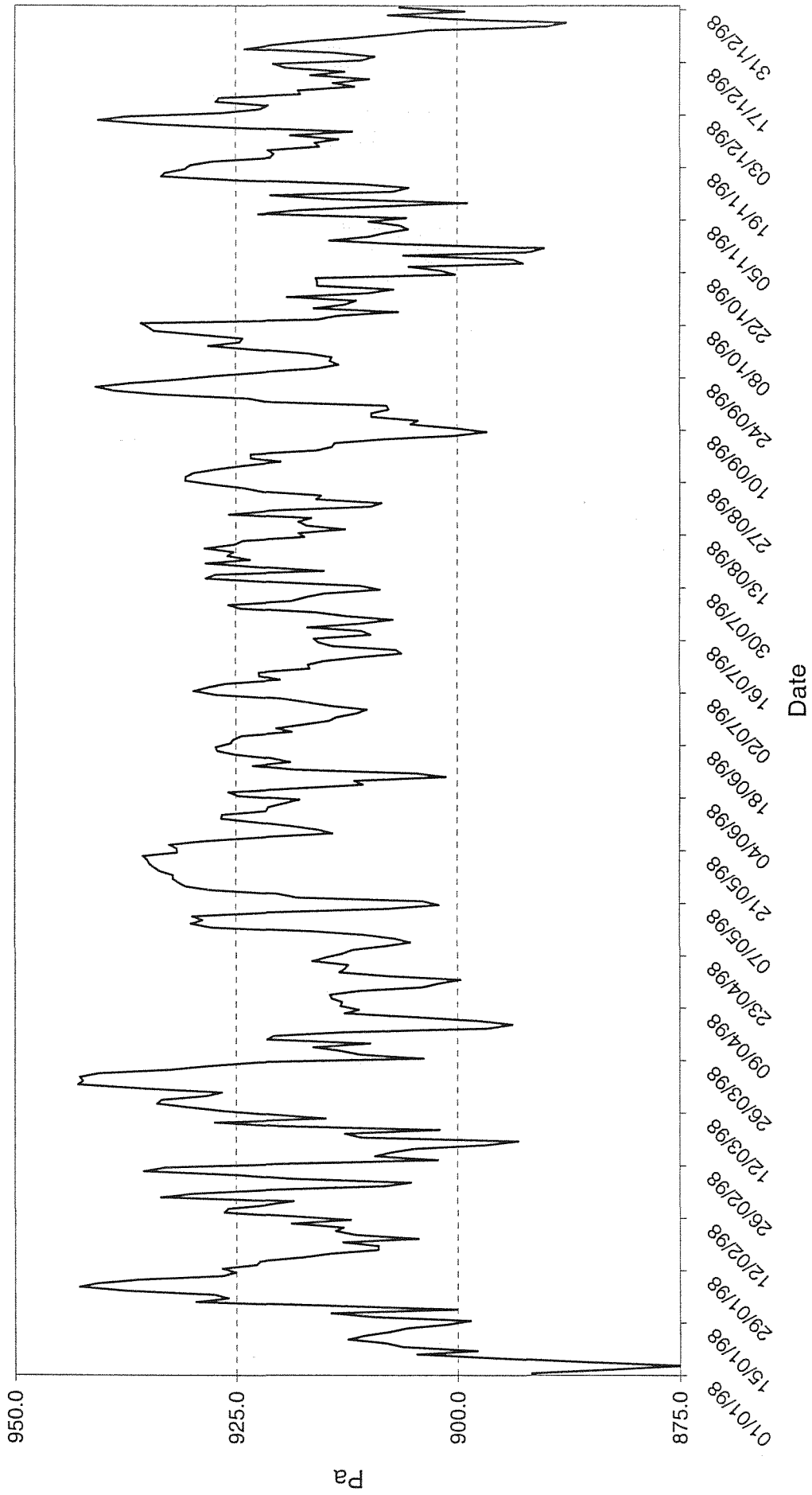
Lochnagar: 1996 Daily mean air pressure



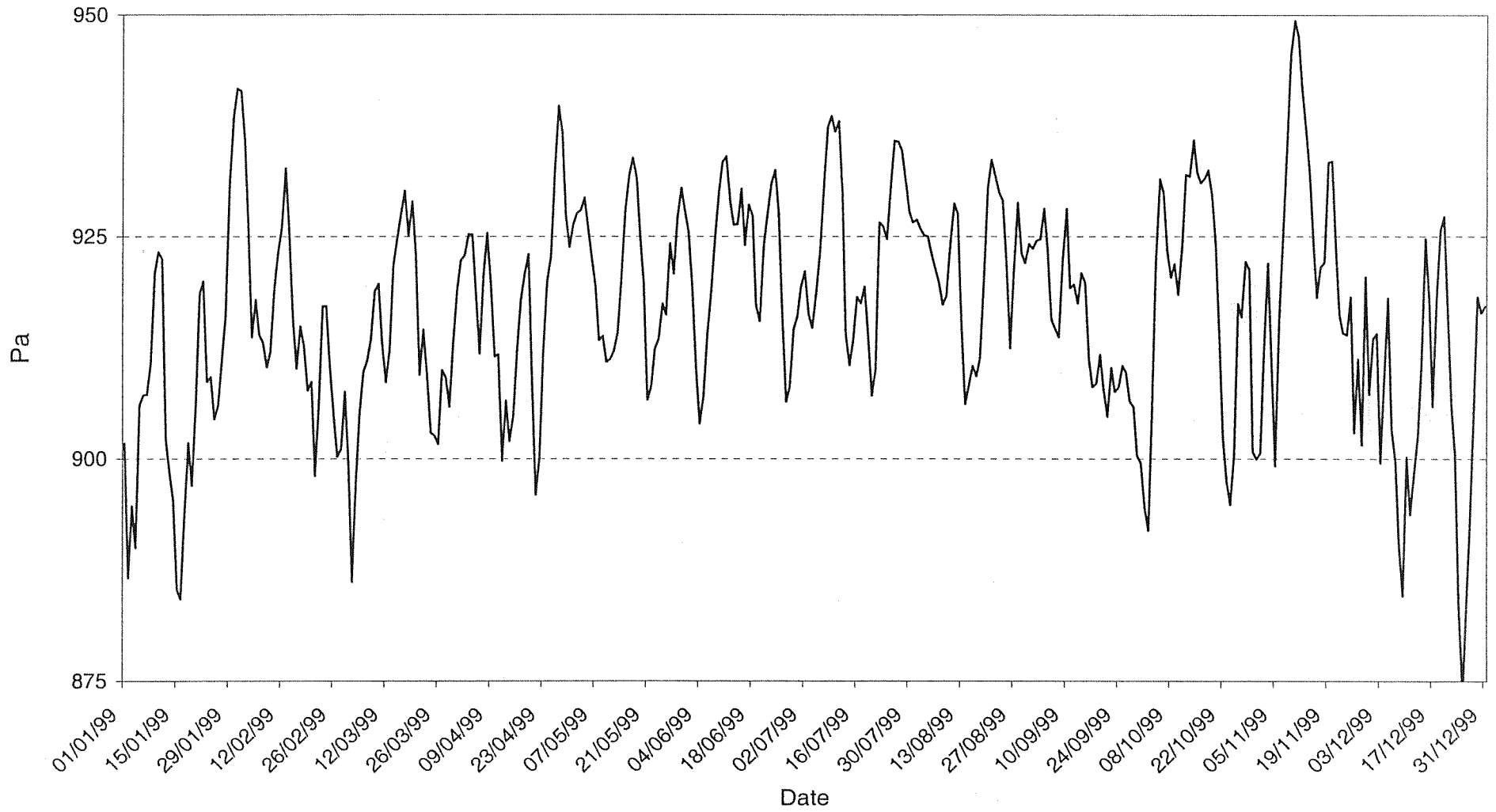
Lochnagar: 1997 Daily mean air pressure



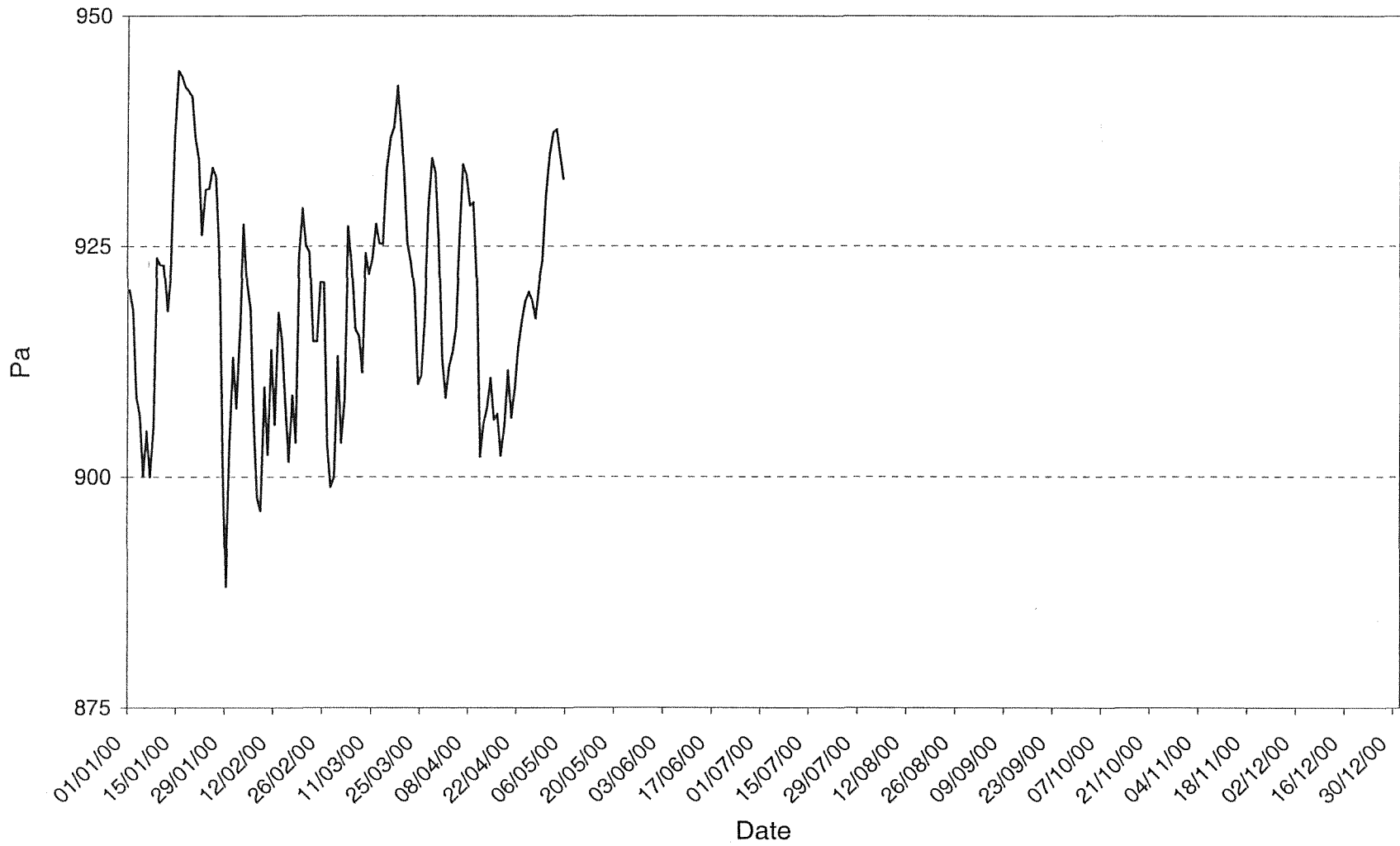
Lochnagar: 1998 Daily mean air pressure



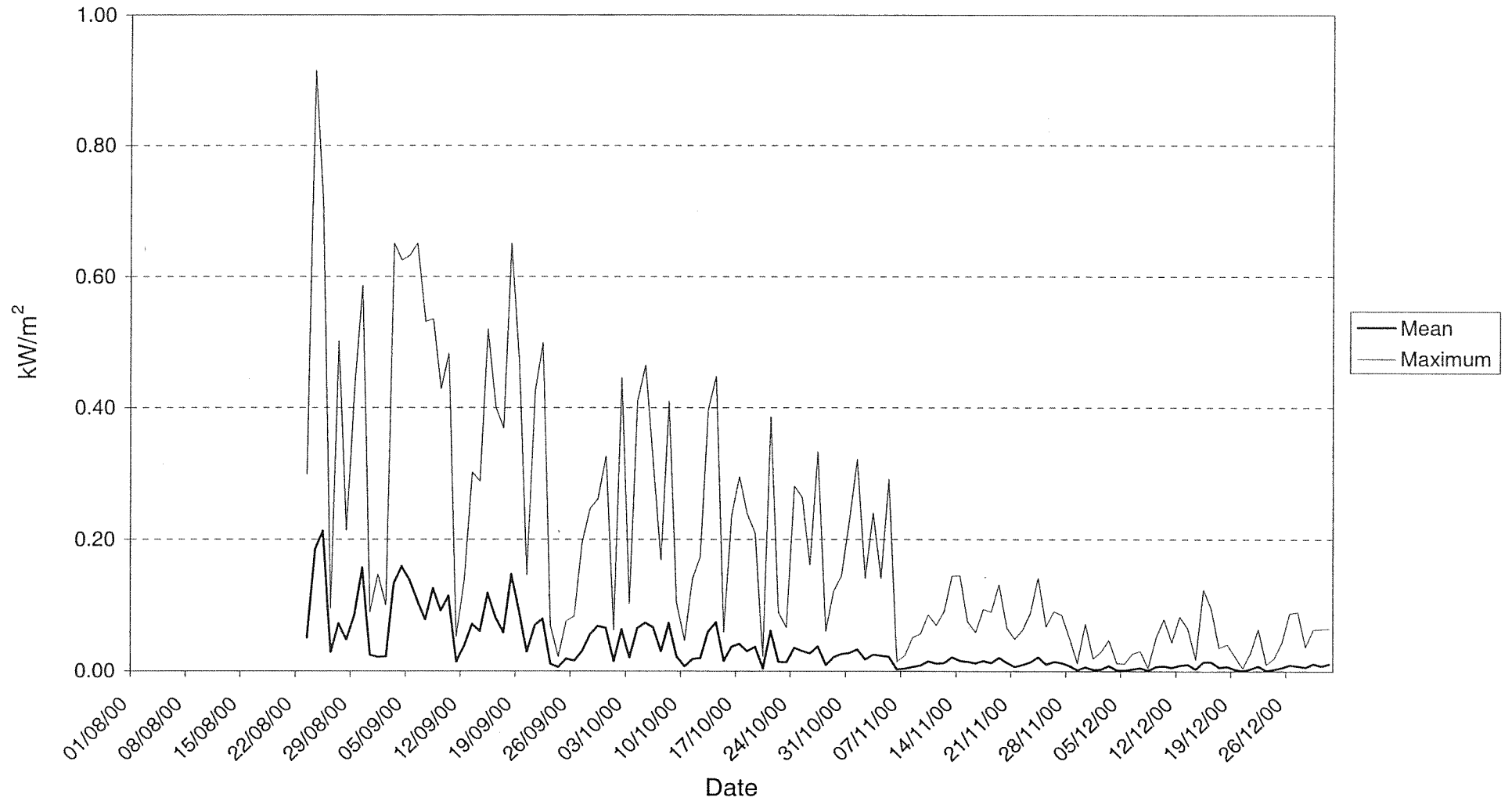
Lochnagar: 1999 Daily mean air pressure



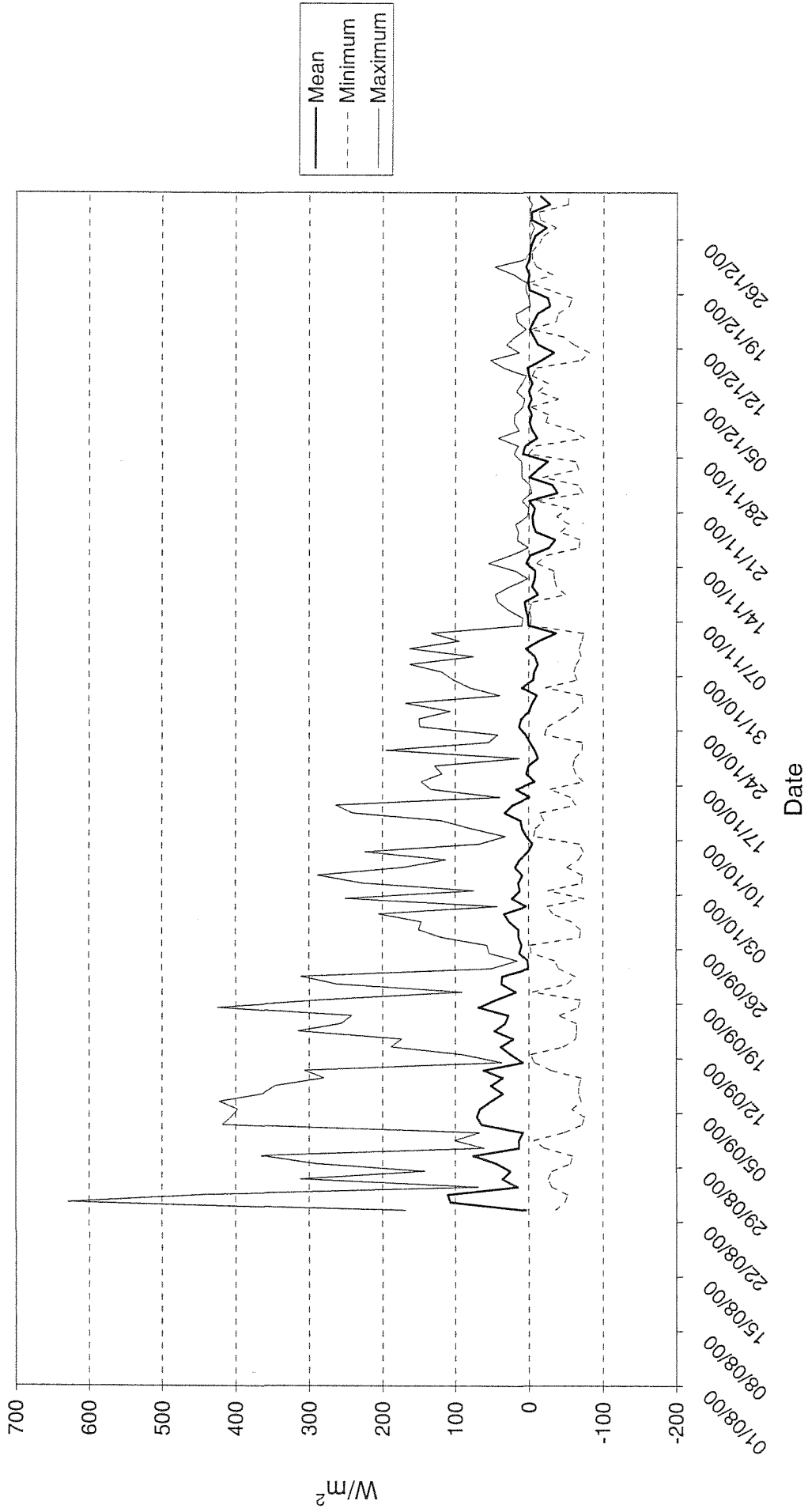
Lochnagar: 2000 Daily mean air pressure



Lochnagar: 2000 Solar radiation data



Lochnagar: 2000 Net radiation



SECTION 2.
MONTHLY DATA

Comprising: **Monthly summaries:**

Wind speed: monthly mean, monthly maximum and monthly minimum

Air temperature: monthly mean, monthly maximum and monthly minimum

Relative Humidity: monthly mean, monthly maximum and monthly
minimum

Air pressure: monthly mean, monthly maximum and monthly minimum

Rainfall: monthly total and number of days with rain.

And for September – December 2000

Solar radiation: monthly mean, monthly maximum and monthly minimum

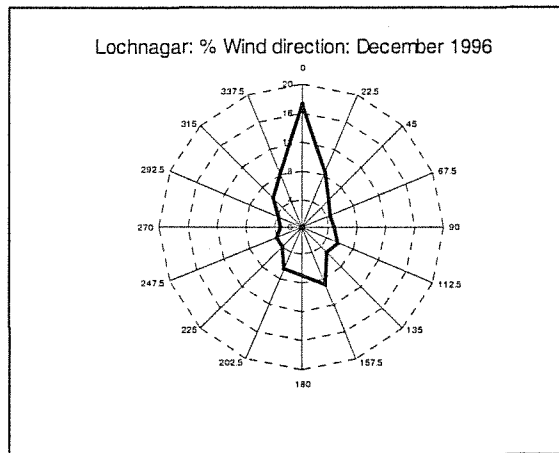
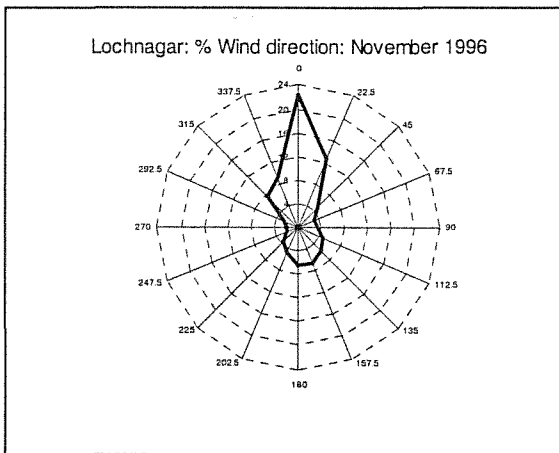
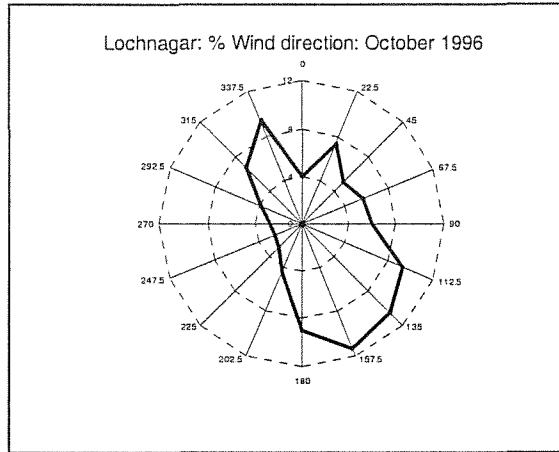
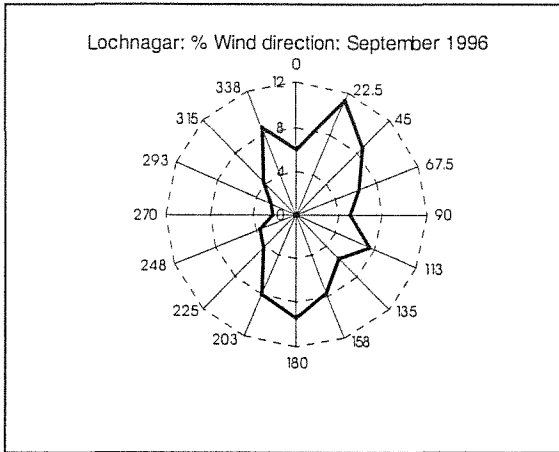
Net radiation: monthly mean, monthly maximum and monthly minimum

Monthly wind direction frequency roses

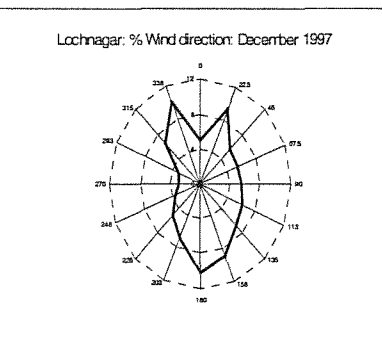
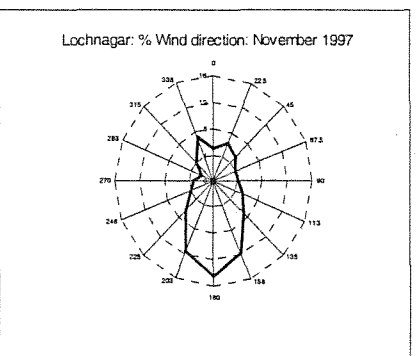
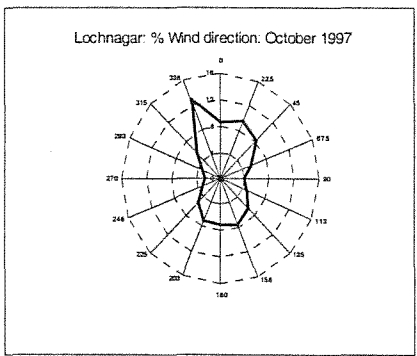
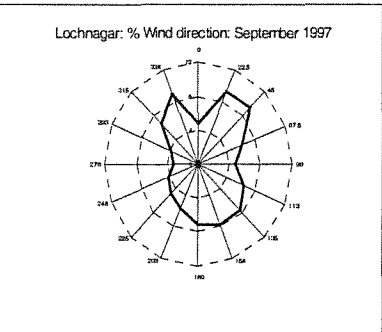
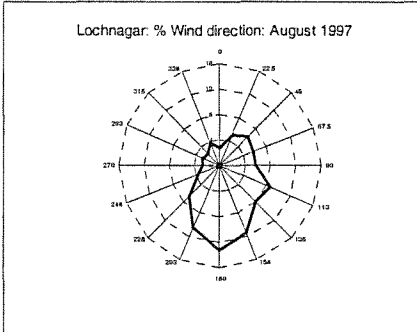
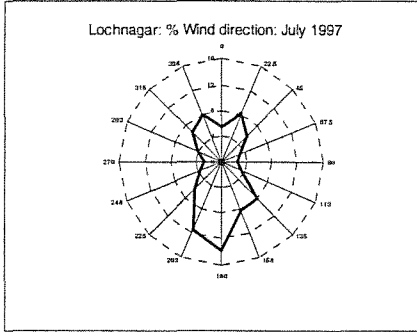
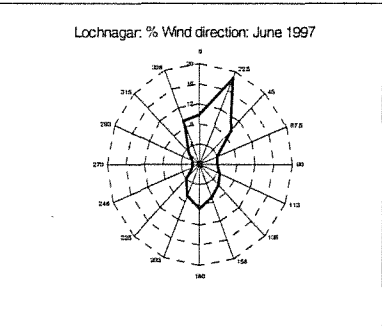
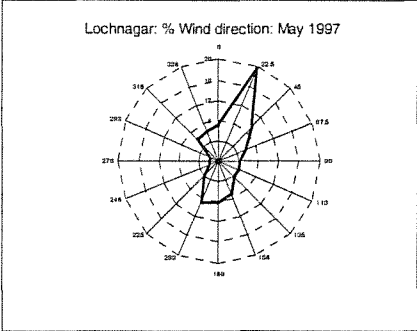
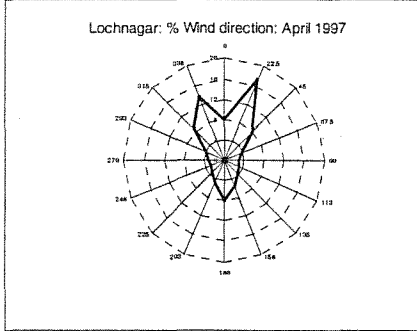
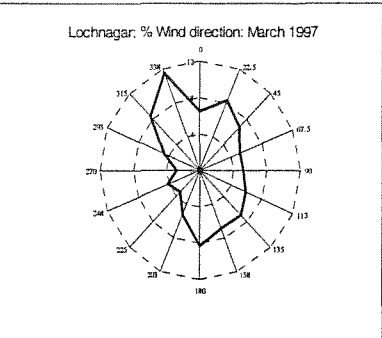
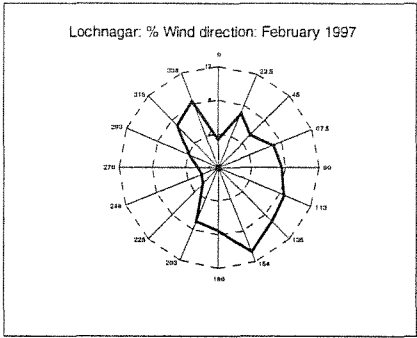
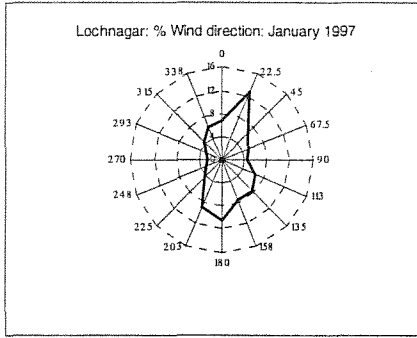
LOCHNAGAR: MONTHLY DATA 1996 - 2000

Year	Month	Wind speed (m/s)			Air temperature (°C)			Relative Humidity (%)			Air pressure (Pa)			Rainfall		Solar radiation (kW/m ²)			Net radiation (W/m ²)		
		Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Sum (mm)	No. Days	Mean	Minimum	Maximum	Mean	Minimum	Maximum
1996	9	3.28	0.01	8.76	8.29	2.12	19.15	80.95	29.68	98.62	920.9	898.6	940.8	69.4	16						
1996	10	4.60	0.30	11.49	5.65	-0.84	12.98	86.59	41.41	100.03	912.5	894.7	929.3	274	29						
1996	11	3.90	0.00	12.64	0.06	-5.72	11.29	82.57	19.45	95.87	909.3	871.7	929.3	97	12						
1996	12	3.08	0.00	10.82	-0.88	-6.58	10.81	83.87	28.96	95.81	912.3	885.0	937.0	36	10						
1997	1	2.34	0.00	10.21	0.07	-9.39	10.18	80.69	6.82	99.01	925.1	905.0	946.0	46.6	14						
1997	2	5.63	0.00	13.60	-0.02	-4.40	5.77	83.07	57.86	97.66	902.0	866.5	937.0	227.6	18						
1997	3	4.88	0.00	11.41	2.60	-3.49	10.02	78.80	6.54	98.37	920.1	894.7	939.5	166	28						
1997	4	3.45	0.00	11.09	3.22	-4.61	11.83	79.20	21.94	98.43	922.1	901.1	938.9	38.4	21						
1997	5	2.72	0.00	8.18	5.20	-6.49	19.60	81.10	21.30	100.10	915.0	895.4	938.2	196.6	20						
1997	6	3.10	0.06	8.95	7.03	1.22	16.17	83.07	28.74	100.86	917.5	902.4	939.5	213	24						
1997	7	2.84	0.08	7.80	11.53	2.42	19.44	78.04	38.21	98.62	920.6	909.4	936.4	123	16						
1997	8	2.77	0.04	7.19	12.67	6.59	22.29	79.48	29.50	98.75	920.9	903.7	934.4	91.6	17						
1997	9	3.59	0.14	10.84	8.14	0.88	15.73	74.05	15.74	98.56	919.7	903.0	940.8	147.2	18						
1997	10	3.52	0.00	12.08	5.13	-2.53	13.31	76.42	8.20	96.64	916.3	896.6	938.9	76.4	19						
1997	11	3.58	0.00	9.42	3.46	-3.04	10.88	87.89	47.49	97.98	907.2	886.4	934.4	448	26						
1997	12	3.88	0.00	9.11	1.20	-3.99	8.60	85.51	54.08	96.70	908.4	884.5	944.6	218.2	19						
1998	1	3.63	0.00	12.17	0.19	-7.31	10.82	80.10	10.22	97.73	909.0	866.6	945.3	72.2	16						
1998	2	5.50	1.53	11.24	3.22	-6.00	12.17	78.86	23.78	97.41	915.3	897.9	938.9	115.6	22						
1998	3	4.29	0.00	11.63	1.20	-7.72	9.44	77.50	30.02	97.15	919.3	890.2	944.0	67	16						
1998	4	3.28	0.00	10.48	0.13	-9.44	7.22	85.60	39.55	97.22	911.0	892.2	932.5	40.2	16						
1998	5	2.78	0.00	7.79	6.46	-1.40	18.91	77.45	29.07	100.74	922.4	900.2	936.3	65.2	22						
1998	6	2.77	0.00	8.26	6.80	-0.35	17.18	82.83	37.38	102.27	917.3	897.3	928.0	184.4	26						
1998	7	3.25	0.00	8.71	8.52	2.97	16.62	82.65	24.88	101.76	915.9	903.7	930.6	191.6	26						
1998	8	3.75	0.00	9.81	9.25	2.20	16.36	83.09	36.35	102.02	920.5	905.6	931.8	107.2	24						
1998	9	3.02	0.00	9.92	8.85	1.73	20.31	87.12	16.22	105.60	913.5	895.4	941.4	135.2	22						
1998	10	4.06	0.00	10.38	2.89	-3.19	10.91	83.99	37.89	102.02	911.9	877.4	938.2	293.8	30						
1998	11	4.01	0.00	10.26	1.14	-4.48	10.63	84.66	29.38	103.04	914.9	888.3	938.2	232.8	21						
1998	12	5.01	0.00	16.62	0.96	-6.07	10.12	83.89	37.12	102.02	917.2	864.0	941.4	160.2	18						
1999	1	4.76	0.00	13.23	-0.30	-5.40	7.26	85.90	0.00	101.50	903.7	877.4	842.7	163.6	12						
1999	2	5.73	0.00	14.68	-0.79	-7.61	9.19	82.39	0.00	103.30	916.2	894.7	942.7	32	16						
1999	3	4.22	0.00	9.54	0.79	-6.82	12.94	85.57	14.50	105.60	910.3	883.2	932.5	79.6	18						
1999	4	3.31	0.00	9.64	3.56	-6.06	15.91	83.43	32.74	107.40	915.0	894.7	940.8	102.2	21						
1999	5	3.04	0.00	12.81	5.98	-0.84	14.86	80.95	23.34	109.40	917.2	902.4	935.0	171.4	20						
1999	6	3.05	0.00	8.79	7.28	0.01	17.61	83.04	20.01	112.00	919.2	904.3	935.0	145.6	22						
1999	7	2.83	0.00	8.91	11.55	4.49	20.27	82.23	23.05	114.80	919.6	905.6	940.2	107.4	20						
1999	8	2.79	0.00	7.50	9.32	2.40	20.90	85.30	31.60	113.50	918.5	905.0	934.4	60.6	20						
1999	9	3.46	0.00	10.70	9.54	3.20	17.40	91.20	32.60	115.30	912.8	896.6	931.2	272.2	24						
1999	10	4.15	0.00	10.90	4.86	-0.80	13.10	91.10	56.10	113.50	916.1	889.6	937.0	145.6	28						
1999	11	4.03	0.00	13.06	2.46	-4.49	8.16	88.70	38.21	110.98	921.9	894.1	950.4	236	22						
1999	12	5.10	0.00	13.35	-1.47	-7.75	7.18	84.89	43.65	112.00	905.5	862.7	930.6	35.4	7						
2000	1	4.80	0.00	13.76	0.89	-4.44	13.37	77.51	0.00	111.49	921.9	880.0	945.3	102.0	19						
2000	2	5.36	0.00	11.63	-0.12	-5.81	7.96	76.68	24.56	108.42	912.2	890.2	931.8	134.0	18						
2000	3	3.97	0.00	11.14	1.77	-7.01	8.19	74.24	0.00	111.49	923.5	894.7	943.4	57.2	21						
2000	4	2.03	0.00	9.08	1.11	-7.06	11.88	80.11	0.29	120.70	915.9	899.2	937.0	171.6	18						
2000	9	2.88	0.00	10.13	7.96	3.25	13.48	83.52	0.00	97.28	No data	No data	No data	267.8	24	0.07	0.00	0.65	32.71	-75.44	425.00
2000	10	4.17	0.00	10.99	4.46	-1.79	11.67	84.82	56.00	96.70	No data	No data	No data	363.6	29	0.04	0.00	0.47	5.62	-74.88	289.04
2000	11	3.58	0.00	10.21	1.03	-2.38	7.71	86.70	61.70	94.78	No data	No data	No data	204.6	21	0.01	0.00	0.31	-9.00	-74.80	162.56
2000	12	3.50	0.00	11.39	0.31	-8.09	6.52	86.37	35.30	95.23	No data	No data	No data	307.2	19	0.01	-0.01	0.12	-7.34	-81.20	52.40

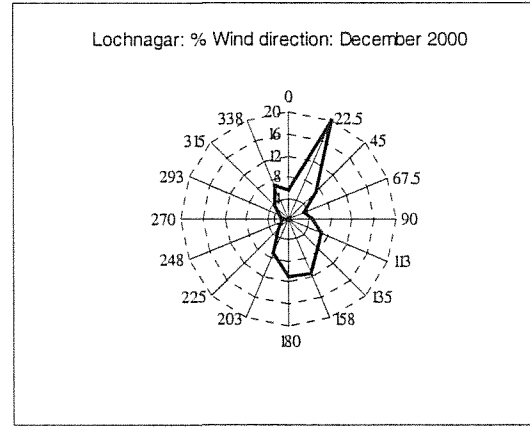
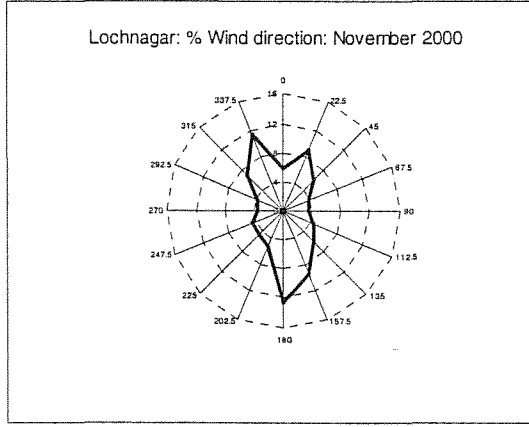
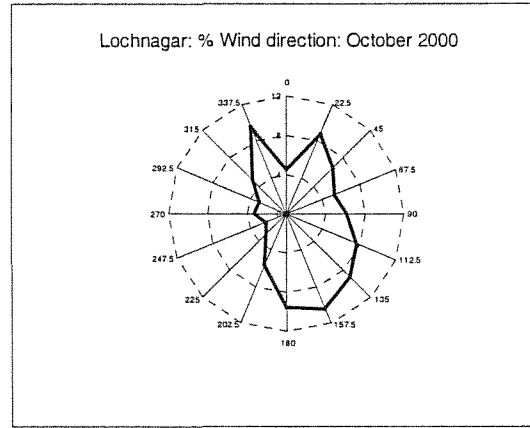
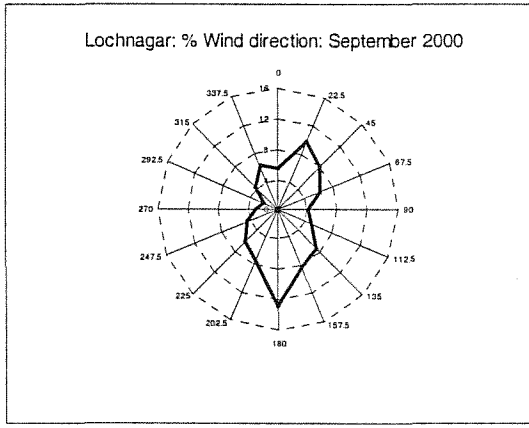
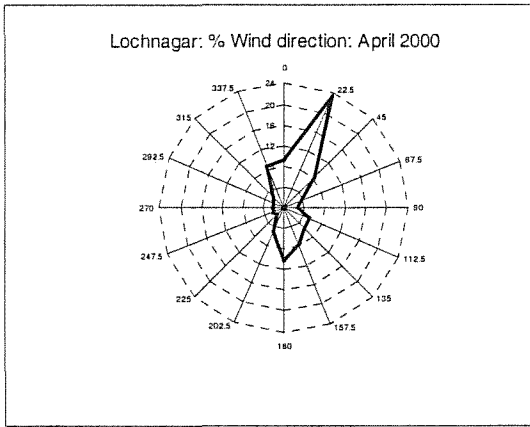
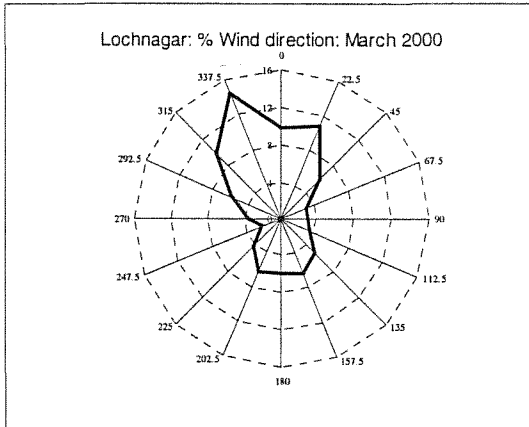
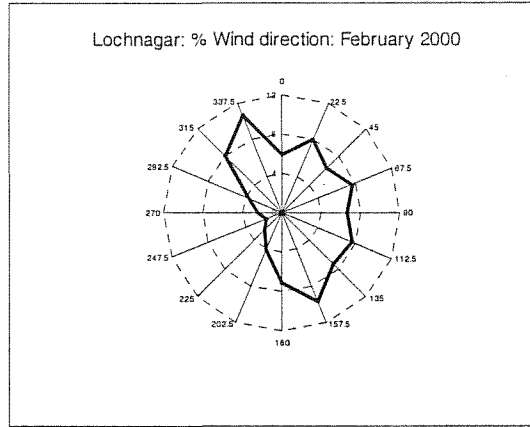
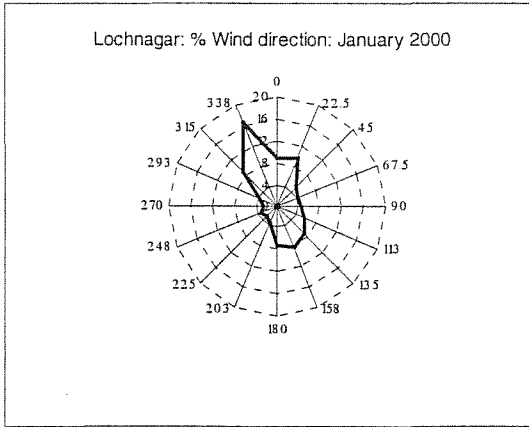
Lochnagar: Percentage Wind direction data: 1996



Lochnagar: Percentage Wind direction data: 1997



Lochnagar: Percentage Wind direction data: 2000



SECTION 3.

ANNUAL DATA

Comprising: **Annual summaries (1997 – 2000)**

Wind speed: annual mean, annual maximum and annual minimum

Air temperature: annual mean, annual maximum and annual minimum

Relative Humidity: annual mean, annual maximum and annual minimum

Air pressure: annual mean, annual maximum and annual minimum

Rainfall: annual total and number of days with rain.

Note: 2000 has a period of missing data.

LOCHNAGAR: ANNUAL DATA 1997 - 2000

	Wind speed (m/s)			Air temperature (°C)			Relative Humidity			Air pressure (Pa)			Rainfall	
	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Mean	Minimum	Maximum	Sum (mm)	No. Days
1997	3.51	0.00	13.60	5.05	-9.39	22.29	80.59	6.54	100.86	919.5	866.6	946.6	1992.6	240
1998	3.77	0.00	16.62	4.14	-9.44	20.81	82.31	10.22	105.60	917.2	864.0	945.3	1665.4	259
1999	3.86	0.00	14.68	4.42	-7.75	20.87	85.41	0.00	115.33	916.7	862.7	950.4	1553.6	230
2000 *	3.67	0.00	13.76	2.53	-8.09	18.06	80.80	0.00	120.70	919.2	880.0	945.3	1696.4	174

* = missing data