

METEOROLOGICAL DATA AT MIZUHO STATION, ANTARCTICA IN 1983

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1. Introduction

Mizuho Station (formerly Mizuho Camp; officially renamed Mizuho Station in March 1978) was established in July 1970, at 70°42'S, 44°20'E and 2230 m above sea level. The international index number 89544 for a meteorological station was given by WMO in October 1977 to the station.

Surface meteorological observations have been taken intermittently in a period between July 1970 and March 1976 and continuously after April 1976.

The data have been published in the Japanese Antarctic Research Expedition (JARE) Data Reports (Meteorology), Nos. 25, 30, 40, 47, 52, 57, 65, 77 and 86.

The present report contains the surface synoptic data taken by JARE-24 in 1983. The observers were ; S. Takahashi et al. (JARE 23) (January 1 - 24), H. Narita (January 25 - April 30), M. Nakawo (May 1 - August 31), G. Iwashita (September 1 - December 31).

Surface synoptic reports (FM11-C-SYNOP) at 12 GMT (1500LT) have been sent once a day to World Meteorological Center (Melbourne) through Syowa Station (Index number 89532) on a real time basis.

## 2. Instruments and Methods

Wind direction and speed (10-minute mean), atmospheric pressure and air temperature were recorded continuously. Clouds, visibility and weather phenomena were observed visually at 0900LT, 1500LT and 2100LT (45°E LMT, GMT + 3h).

### 1) Wind direction and wind speed

A windmill type anemometer with a wind vane was installed on a meteorological tower at a height of 6.9 m above the snow surface. The wind speed was obtained as the instantaneous and the 10-minute mean values. The accuracy of the wind speed was  $\pm 0.5$  m/s and  $\pm 5$  degrees for the wind direction.

### 2) Atmospheric pressure

A precision aneroid barometer was set inside the observatory. Its accuracy was  $\pm 1$  mb.

### 3) Air temperature

A platinum resistance thermometer was placed inside a radiation shelter at a height of 1.4 m. The accuracy of this thermometer was  $\pm 0.5^\circ\text{C}$ . The maximum and minimum temperatures of a day were taken for the period of 0 - 24 h.

### 4) Visibility, clouds and weather phenomena

The visibility, was observed visually by using a series of fuel drums set at various distances in a range from 50 m to 2 km along a straight line. The amount of cloud was observed

visually. The genus of cloud and the weather phenomena were observed visually according to the WMO Standards. They were observed three times a day mainly at 0900LT, 1500LT and 2100LT (45°E LMT, GMT + 3h).

### 3. Notations in Tables

#### 1) Tables 1,2

$\bar{P}_{st}$	Monthly mean pressure at station level
$P_{st}$	Daily mean pressure at station level (Average of 3-hourly values)
$\bar{T}$	Monthly mean air temperature
$T_m$	Daily mean air temperature (Average of 3-hourly values)
$T_x$	Daily maximum air temperature
$T_n$	Daily minimum air temperature
$\bar{T}_x$	Monthly mean of $T_x$
$\bar{T}_n$	Monthly mean of $T_n$
$T_{xx}$	Extreme value of $T_x$
$T_{nn}$	Extreme value of $T_n$
$N$	Daily mean amount of cloud (in tenth)
$\bar{V}$	Monthly mean wind speed
$V_m$	Daily mean wind speed (Average of 3-hourly values)
$V_x$	Daily maximum wind speed (10-minute mean)
$V_{xx}$	Monthly maximum wind speed (10-minute mean)
$V_i$	Daily maximum instantaneous wind speed

Vii	Monthly maximum instantaneous wind speed
2) Table 3	
LT	Local standard time (45°E LMT, GMT + 3h)
PPP(PST)	Pressure at station level
DD	Wind direction in 16 directions ( <u>e.g.</u> N:16, E:04, ect.; When the wind speed is less than 0.5 m/s : 00)
VV	Wind speed (10-minute mean)
N	Amount of cloud (in tenth)
WW	Present weather (WMO code)
V	Visibility
CL,CM,CH	Genus of cloud (WMO code)
BS	Intensity of blowing snow defined by the following criteria based on the visibility V.
A	Blowing snow ( $V \leq 200$ m)
B	Blowing snow ( $200 \text{ m} < V < 500$ m)
C	Drifting snow ( $V \leq 500$ m)
D	Drifting snow ( $500 \text{ m} < V \leq 2$ km)
E	Drifting snow ( $V < 2$ km)
-	No drifting snow

Table 1. Monthly summaries of surface meteorological data in 1983.

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	YEAR
Pst (mb)	741.4	737.6	731.7	729.7	733.1	729.3	722.5	723.0	723.3	723.4	726.8	734.1	729.7
T (°C)	-17.3	-24.6	-32.9	-36.5	-38.3	-40.3	-39.6	-40.9	-37.0	-32.7	-28.5	-21.3	-32.5
Tx (°C)	-13.4	-19.9	-28.6	-33.5	-35.6	-37.1	-36.0	-37.7	-32.8	-28.5	-22.9	-17.0	-28.6
Txx (°C)	-9.2	-12.8	-19.1	-19.0	-23.3	-23.3	-28.1	-22.8	-23.6	-19.5	-15.8	-12.5	-9.2
(Date)	12	2	4	9	15	1	18	30	7	21	27	25	
Tn (°C)	-22.1	-29.6	-37.0	-40.2	-40.9	-43.3	-43.1	-44.6	-41.8	-38.1	-34.8	-27.1	-36.9
Tnn (°C)	-27.4	-39.9	-45.1	-48.2	-48.3	-52.8	-52.4	-55.9	-50.2	-47.4	-41.2	-36.0	-55.9
(Date)	28	28	26	24	31	8	29&31	6&7	27	10	7&8	1	
V (m/s)	9.4	9.3	10.2	13.2	13.9	11.6	11.3	14.7	11.7	11.7	8.8	8.8	11.2
Vxx (m/s)	24.8	18.5	18.5	23.8	19.8	19.4	22.5	25.5	23.6	22.8	16.5	16.2	25.5
(Direction)	E	E	E	E	ESE	E	ESE	ENE	E	NNE	NNE	E	NNE
(Date)	30	3	12	9	16	24	6	12	18	21	26	3	12, Aug.
Vii (m/s)	31.0	24.0	23.2	30.0	24.9	23.0	27.8	33.9	25.7	27.3	20.7	19.1	33.9
(Direction)	E	E	E	E	ESE	E	ESE	ENE	E	NNE	NNE	E	ENE
(Date)	30	3	12	9	16	24	6	12	18	21	26	3	12, Aug.
Numbers of days													
Vx 10~14.9	16	20	22	11	9	19	24	5	17	14	19	15	191
15~	4	2	5	18	22	10	6	26	13	15	1	5	127

Table 2. Daily summaries of surface meteorological data in 1983.

JANUARY 1983

DATE	PST (mb)	TM (°C)	TX (°C)	TN (°C)	N	VM (m/s)	VX (m/s)		VI (m/s)	
1	746.3	-16.0	-12.1	-21.6	2.0	12.1	14.9	E	18.0	E
2	744.8	-15.7	-11.6	-19.6	1.0	9.9	12.6	E	14.6	E
3	741.0	-16.8	-12.1	-21.6	0.0	8.5	10.9	E	11.8	E
4	742.2	-17.0	-12.6	-22.0	0.7	7.3	9.8	E	10.7	E
5	742.4	-16.1	-12.0	-22.6	3.0	6.7	8.6	E	9.4	E
6	742.5	-17.6	-13.3	-22.7	2.0	6.6	8.6	E	9.4	E
7	747	-17.2	-13.4	-23.6	8.0	6.5	8.0	ENE	8.4	ENE
8	749.3	-15.2	-12.0	-19.1	7.7	5.3	6.8	E	7.8	E
9	747.9	-16.8	-13.7	-17.6	1.7	5.9	9.1	E	9.9	ENE
10	744.9	-17.7	-13.8	-24.6	6.3	7.3	11.2	ENE	12.1	ENE
MEAN	744.9	-16.6	-12.7	-21.5	3.2	7.6				
11	735.1	-16.7	-12.6	-22.7	6.7	10.5	14.8	E	17.0	E
12	735.4	-13.3	-9.2	-18.9	8.7	8.7	14.4	ENE	16.1	ENE
13	740.7	-14.1	-10.4	-17.5	7.3	12.1	18.2	E	20.8	E
14	741.9	-15.5	-11.6	-19.0	1.0	10.7	15.1	E	16.8	E
15	742.5	-15.7	-10.5	-21.6	0.7	10.8	13.1	E	15.0	E
16	744.3	-17.2	-12.7	-21.6	0.0	8.6	11.9	E	13.1	E
17	739.7	-17.4	-12.2	-23.0	0.0	10.0	11.9	E	12.8	E
18	740.4	-18.9	-14.6	-22.7	0.0	10.1	13.0	E	14.1	E
19	741.5	-20.4	-16.2	-24.7	0.0	10.2	12.4	E	13.7	E
20	740.8	-20.2	-15.5	-24.8	0.0	10.2	13.4	E	15.0	E
MEAN	740.2	-16.9	-12.5	-21.6	2.4	10.2				
21	740.7	-19.8	-15.1	-24.6	1.7	8.9	11.1	E	11.9	E
22	739.5	-20.3	-16.0	-24.3	0.7	8.2	10.6	E	11.6	E
23	738.9	-18.1	-15.5	-24.7	9.3	9.1	11.7	E	12.9	E
24	740.4	-16.4	-13.3	-20.1	7.0	6.9	9.4	E	10.0	E
25	737.9	-17.2	-14.3	-23.2	0.7	8.1	10.2	E	11.3	E
26	737.7	-17.9	-13.4	-24.5	9.3	7.4	9.0	ENE	9.5	ENE
27	738.7	-21.6	-16.7	-26.0	1.7	7.6	10.8	E	11.5	E
28	739.2	-18.9	-15.8	-27.4	6.7	5.4	7.0	NNE	7.5	NNE
29	736.3	-18.9	-17.4	-20.9	5.0	11.8	16.5	E	19.5	E
30	735.1	-16.3	-15.0	-18.0	10.0	19.9	24.8	E	31.0	E
31	744.6	-15.8	-12.5	-19.5	8.3	12.9	17.5	E	19.3	E
MEAN	738.9	-18.5	-15.1	-23.2	4.9	10.0				
MONTHLY - MEAN										
	741.4	-17.3	-13.4	-22.1	3.5	9.4				

FEBRUARY 1983

DATE	PST (mb)	TM (°C)	TX (°C)	TN (°C)	N	VM (m/s)	VX (m/s)		VI (m/s)	
1	749.8	-18.0	-13.7	-21.9	1.7	11.5	14.2	E	18.5	E
2	745.6	-15.7	-12.8	-19.0	0	13.5	17.0	E	19.8	E
3	742.8	-18.7	-15.5	-23.9	0	15.8	18.5	E	24.0	E
4	743.3	-21.2	-15.5	-25.9	0.3	12.0	10.0	E	15.0	E
5	739.9	-22.2	-18.3	-25.8	2.3	12.0	14.0	E	16.3	E
6	744.2	-21.6	-17.3	-27.1	7.7	8.6	13.6	E	16.0	E
7	748.2	-21.6	-15.5	-26.0	1.7	3.8	5.4	E	5.5	E
8	747.7	-19.8	-15.8	-27.8	2.3	4.2	6.2	E	7.0	E
9	736.1	-23.5	-18.1	-28.8	1.0	5.8	8.0	ENE	8.5	ENE
10	738.1	-24.8	-20.2	-30.0	3.7	9.9	11.5	E	12.5	E
MEAN	743.6	-20.7	-16.3	-25.6	2.1	9.7				
11	743.2	-16.7	-13.5	-22.0	9.7	9.3	10.8	NE	12.4	NE
12	743.0	-18.0	-14.8	-24.2	10.0	10.7	13.0	E	14.9	E
13	733.4	-23.6	-19.0	-28.9	1.0	10.1	12.5	E	14.7	E
14	736.7	-23.3	-16.0	-30.0	6.3	6.3	9.8	ENE	12.0	ENE
15	736.1	-23.0	-17.6	-28.0	10.0	9.4	11.5	E	13.2	E
16	733.8	-25.6	-20.0	-29.9	2.0	9.4	11.1	E	12.8	E
17	732.3	-27.7	-22.0	-32.0	0.0	8.5	10.2	E	11.3	E
18	729.6	-27.8	-21.0	-34.7	10.0	8.3	10.2	E	11.5	E
19	732.6	-27.7	-23.1	-33.9	2.0	9.8	11.6	E	12.8	E
20	732.4	-25.9	-22.5	-29.6	9.0	10.0	11.8	ENE	13.8	ENE
MEAN	735.3	-23.9	-18.9	-29.3	4.5	9.2				
21	730.1	-24.2	-21.0	-28.2	10.0	11.7	13.9	E	16.9	E
22	735.6	-23.5	-18.8	-26.2	10.0	8.4	11.0	ENE	12.5	ENE
23	736.8	-28.9	-23.5	-32.8	1.0	7.9	10.0	E	11.0	E
24	730.2	-32.2	-27.0	-36.1	0.0	8.9	10.8	E	12.1	E
25	732.5	-33.5	-27.0	-39.4	5.0	5.5	8.0	E	9.8	E
26	735.9	-34.5	-30.2	-38.9	1.6	7.3	11.5	E	13.2	E
27	733.2	-33.0	-26.9	-38.0	4.0	9.9	11.3	E	13.2	E
28	729.2	-34.9	-29.8	-39.9	0.3	11.5	12.8	E	14.8	E
MEAN	732.9	-30.6	-25.5	-34.9	4.0	8.9				
MONTHLY - MEAN	737.6	-24.7	-19.9	-29.6	3.5	9.3				

MARCH 1983

DATE	PST (mb)	TM (°C)	TX (°C)	TN (°C)	N	VM (m/s)	VX (m/s)		VI (m/s)	
1	729.2	-33.3	-28.9	-37.7	0.0	11.4	11.9	E	14.0	E
2	729.3	-32.9	-27.5	-38.0	7.0	12.1	13.5	E	16.2	E
3	731.6	-33.4	-28.7	-37.8	5.0	12.9	14.9	E	17.5	E
4	739.7	-24.7	-19.1	-26.5	5.5	9.8	12.5	ENE	15.0	ENE
5	745.3	-27.1	-23.3	-31.1	7.5	10.2	11.1	E	13.0	E
6	741.6	-30.4	-26.7	-33.3	1.5	13.2	15.7	E	18.6	E
7	735.2	-31.3	-27.5	-35.2	2.0	12.7	15.5	E	18.5	E
8	736.3	-31.3	-26.7	-37.3	7.3	4.8	10.1	E	14.1	E
9	735.9	-36.9	-32.4	-41.0	1.0	8.0	12.6	E	13.1	E
10	731.8	-35.8	-30.0	-40.8	0.0	10.0	11.8	E	13.8	E
MEAN	735.6	-31.7	-27.1	-35.9	3.7	10.5				
11	727.5	-37.2	-33.2	-41.2	0.0	15.8	18.5	E	23.2	E
12	731.9	-32.7	-27.3	-38.2	0.0	12.7	17.2	E	21.7	E
13	737.0	-27.0	-24.0	-31.6	9.0	11.7	13.4	ENE	16.3	ENE
14	734.3	-27.4	-24.6	-30.8	9.5	12.0	14.2	E	18.0	E
15	727.9	-33.1	-29.0	-37.0	2.0	11.0	13.5	E	15.7	E
16	721.9	-37.2	-33.9	-40.5	0.0	10.9	12.2	E	14.8	E
17	722.1	-39.3	-35.2	-41.8	0.0	11.3	12.2	E	14.5	E
18	728.9	-37.3	-33.0	-42.5	2.5	11.5	13.5	ENE	15.0	ENE
19	731.9	-33.4	-29.6	-35.7	2.0	11.7	13.2	ENE	16.0	ENE
20	730.0	-32.2	-28.3	-32.0	5.0	12.0	13.5	E	15.3	E
MEAN	729.3	-33.7	-29.8	-37.1	3.0	12.1				
21	730.5	-30.1	-26.3	-33.7	8.0	8.2	11.0	ENE	14.1	ENE
22	730.9	-28.9	-25.2	-35.2	10.0	4.4	6.5	NE	7.0	NE
23	731.9	-26.3	-23.1	-29.9	9.5	2.8	4.5	NNE	5.5	NNE
24	734.8	-33.9	-25.9	-41.5	5.5	5.4	8.6	E	9.4	E
25	735.0	-40.0	-34.7	-44.0	5.5	8.2	12.8	E	15.0	E
26	726.9	-42.5	-39.0	-45.1	0.0	14.3	16.5	E	19.8	E
27	722.1	-41.4	-37.6	-45.0	0.0	11.5	14.4	E	17.7	E
28	726.9	-31.6	-25.0	-37.0	8.3	8.7	10.4	E	13.0	E
29	733.7	-30.5	-27.5	-36.1	8.0	6.2	8.0	E	8.7	E
30	729.1	-32.4	-30.0	-36.2	9.5	9.4	13.0	E	14.6	E
31	732.7	-27.3	-22.5	-32.9	10.0	11.9	14.0	E	17.0	E
MEAN	730.4	-33.2	-28.8	-37.9	6.8	8.3				
MONTHLY - MEAN	731.7	-32.9	-28.6	-37.0	4.6	10.2				



APRIL 1983

DATE	PST (mb)	TM (°C)	TX (°C)	TN (°C)	N	VM (m/s)	VX (m/s)		VI (m/s)	
1	738.5	-32.6	-29.2	-38.1	6.5	10.8	11.9	E	13.5	E
2	729.3	-38.7	-36.2	-42.3	0.0	11.0	13.1	E	14.9	E
3	728.3	-33.6	-29.4	-39.4	4.5	9.7	14.0	E	15.2	E
4	718.5	-36.9	-33.1	-39.5	3.0	14.1	15.2	E	19.7	E
5	729.1	-32.5	-28.9	-38.0	3.0	10.8	13.2	ENE	16.0	ENE
6	727.6	-33.5	-29.2	-35.1	0.0	12.7	14.8	E	17.0	E
7	721.2	-35.0	-32.8	-38.3	0.0	14.5	17.0	E	20.8	E
8	728.3	-28.3	-23.8	-33.3	1.5	14.0	20.0	ENE	23.0	ENE
9	733.9	-23.2	-20.1	-25.5	4.0	19.2	23.8	E	30.0	E
10	736.8	-21.9	-19.0	-26.1	10.0	18.2	23.0	E	28.0	E
MEAN	729.2	-31.6	-28.2	-35.6	3.3	13.5				
11	729.5	-32.6	-26.0	-37.1	0.0	15.3	19.5	ENE	24.0	ENE
12	726.9	-39.4	-37.0	-42.6	0.0	13.5	15.5	E	18.0	E
13	724.8	-43.9	-41.4	-46.0	0.0	15.1	17.0	E	23.4	E
14	715.9	-43.1	-40.8	-45.9	0.0	14.4	16.6	E	20.0	E
15	730.1	-39.6	-38.0	-41.0	0.5	11.2	13.4	ENE	15.0	ENE
16	735.9	-40.0	-37.7	-43.3	4.5	10.5	13.5	ESE	15.0	ESE
17	727.0	-42.5	-41.0	-44.0	0.5	14.3	16.0	E	19.6	E
18	725.6	-40.7	-39.2	-41.7	0.0	14.6	16.0	E	19.5	E
19	724.5	-35.9	-32.8	-41.0	3.0	16.1	17.5	E	21.0	E
20	725.5	-36.5	-35.0	-39.5	0.5	14.9	16.5	E	21.0	E
MEAN	726.6	-39.4	-36.9	-42.2	0.9	14.0				
21	723.3	-40.4	-39.1	-42.3	0.5	13.2	15.4	E	18.6	E
22	727.5	-42.2	-40.1	-43.4	4.0	9.8	11.2	E	15.0	E
23	733.8	-38.0	-30.2	-43.5	7.0	5.3	9.1	E	10.9	E
24	744.6	-41.7	-34.1	-48.2	10.0	10.0	11.6	E	13.2	E
25	740.3	-28.6	-27.0	-33.8	10.0	14.7	18.0	E	22.0	E
26	735.7	-35.7	-28.5	-39.1	3.5	12.2	15.0	E	18.1	E
27	732.9	-41.4	-40.2	-42.4	0.0	13.8	14.8	E	17.8	E
28	729.2	-41.5	-39.8	-42.9	1.0	14.8	15.7	E	19.2	E
29	735.2	-44.7	-42.9	-46.0	0.0	13.9	14.8	E	17.9	E
30	729.9	-30.1	-32.0	-46.0	10.0	14.4	16.0	E	18.5	E
MEAN	733.2	-38.4	-35.4	-42.8	4.6	12.2				
MONTHLY - MEAN	729.7	-36.5	-33.5	-40.2	2.9	13.2				

MAY 1983

DATE	PST (mb)	TM (°C)	TX (°C)	TN (°C)	N	VM (m/s)	VX (m/s)		VI (m/s)	
1	732.3	-30.2	-29.0	-30.9	10.0	11.9	14.2	ENE	17.1	ENE
2	737.9	-39.1	-32.0	-42.9	3.5	9.9	11.5	E	12.5	E
3	735.3	-44.2	-41.7	-45.0	1.0	9.3	11.0	E	12.2	E
4	735.7	-39.2	-35.6	-43.5	4.0	13.7	15.0	E	17.5	E
5	740.3	-35.7	-34.0	-36.9	0.0	15.4	17.1	E	20.3	E
6	737.1	-31.0	-28.5	-34.1	3.5	14.6	17.9	E	21.3	E
7	736.8	-30.9	-28.1	-32.2	4.5	12.5	18.1	E	21.0	E
8	733.9	-32.1	-31.1	-33.7	0.0	16.0	19.7	ENE	24.0	E
9	737.3	-32.5	-30.0	-34.0	3.0	13.8	15.5	E	18.5	E
10	727.9	-33.8	-33.1	-35.1	8.0	13.8	16.1	E	19.1	E
MEAN	735.5	-34.9	-32.3	-36.9	3.8	13.1				
11	723.4	-38.9	-35.6	-41.4	2.0	12.5	13.7	E	16.0	E
12	725.6	-42.5	-40.0	-45.0	8.5	11.2	13.2	E	16.0	E
13	722.3	-38.9	-34.8	-45.0	5.0	13.5	14.6	E	17.5	E
14	725.1	-37.8	-35.8	-39.5	1.5	11.3	12.9	E	15.1	E
15	720.1	-46.6	-38.8	-48.3	0.0	13.9	17.2	E	21.3	E
16	723.0	-46.6	-45.1	-47.1	10.0	18.2	19.8	ESE	24.9	ESE
17	731.1	-44.8	-42.8	-46.5	0.0	15.3	17.3	ESE	21.5	ESE
18	728.5	-44.3	-43.1	-46.0	0.0	15.7	17.2	E	21.1	E
19	725.3	-45.8	-44.0	-48.1	0.0	14.3	16.6	E	21.0	E
20	728.6	-41.5	-38.2	-44.0	10.0	16.3	18.2	E	22.0	E
MEAN	725.3	-42.8	-39.8	-45.1	3.7	14.2				
21	726.0	-39.7	-37.0	-41.2	0.0	17.0	19.6	E	24.0	E
22	734.2	-39.2	-38.1	-40.1	0.0	16.4	18.2	E	22.9	E
23	739.3	-38.2	-36.0	-39.9	5.0	16.8	19.5	ESE	23.9	ESE
24	744.9	-37.4	-36.0	-38.2	0.0	16.8	18.5	ESE	23.0	ESE
25	745.7	-38.0	-37.7	-38.3	0.0	15.8	18.0	E	21.5	E
26	740.5	-41.3	-38.8	-43.4	0.0	16.0	18.9	E	22.9	E
27	743.4	-39.8	-32.8	-44.6	10.0	10.7	14.5	E	18.0	E
28	745.4	-33.1	-29.9	-39.8	10.0	9.8	13.0	E	14.9	E
29	736.9	-40.5	-38.0	-42.0	10.0	12.7	15.0	E	17.0	E
30	735.1	-38.1	-35.0	-43.0	10.0	9.9	15.4	E	18.4	E
31	727.0	-26.8	-23.3	-40.0	10.0	15.7	19.0	E	21.5	E
MEAN	738.0	-37.5	-34.8	-40.7	5.0	14.3				
MONTHLY - MEAN	733.1	-38.3	-35.6	-40.9	4.2	13.9				

JUNE 1983

DATE	PST (mb)	TM (°C)	TX (°C)	TN (°C)	N	VM (m/s)	VX (m/s)		VI (m/s)	
1	729.2	-28.2	-23.3	-30.8	10.0	14.3	18.0	ENE	22.9	ENE
2	728.5	-37.5	-30.5	-43.6	3.5	10.5	12.5	ENE	14.5	ENE
3	725.1	-45.0	-44.0	-46.4	0.5	10.6	12.0	ENE	13.6	ENE
4	731.8	-46.4	-44.0	-47.8	1.0	9.9	12.0	ENE	13.2	ENE
5	732.7	-46.7	-46.0	-48.1	0.0	11.1	11.7	E	13.5	E
6	724.9	-49.5	-47.8	-50.6	0.0	12.2	13.9	E	16.7	E
7	722.9	-51.3	46.8	-52.8	0.0	12.1	13.9	E	20.0	E
8	728.5	-50.3	-46.7	-52.8	10.0	9.7	11.1	E	12.9	E
9	729.6	-40.3	-33.1	-47.6	10.0	13.5	16.1	ENE	14.5	ENE
10	729.0	-30.3	-29.0	-33.1	10.0	10.9	15.4	ENE	18.6	NE
MEAN	728.2	-42.5	-39.1	-45.3	4.5	11.5				
11	726.5	-34.0	-29.7	-44.0	10.0	4.6	6.7	NE	8.0	NE
12	723.2	-49.8	-43.4	-51.2	0.0	10.8	12.2	E	14.8	E
13	719.9	-48.1	-47.0	-50.5	5.0	11.0	11.9	E	14.0	E
14	721.1	-44.5	-42.0	-47.0	3.0	10.4	11.2	E	14.9	E
15	715.4	-48.6	-44.0	-51.1	0.0	11.9	13.5	E	15.0	E
16	716.4	-50.0	-49.0	-51.1	5.0	10.1	12.2	E	16.5	ENE
17	714.6	-48.5	-47.0	-50.8	1.0	10.0	12.7	ENE	14.5	ENE
18	718.8	-45.3	-43.8	-47.1	0.0	13.5	14.5	E	17.7	E
19	711.1	-41.9	-38.2	-44.0	0.0	13.2	16.0	E	18.5	E
20	718.8	-35.1	-30.0	-41.0	1.0	11.0	15.0	ENE	18.2	ENE
MEAN	718.6	-44.6	-41.4	-47.8	2.5	10.7				
21	733.8	-30.7	-29.0	-33.0	10.0	12.1	13.8	ENE	16.1	ENE
22	739.8	-32.7	-29.6	-36.4	10.0	12.0	15.9	NE	19.1	NE
23	746.9	-31.1	-29.5	-35.1	10.0	10.7	15.8	NE	20.0	NE
24	753.0	-41.3	-35.0	-43.5	1.0	15.9	19.4	E	23.0	E
25	747.1	-35.7	-33.8	-41.4	10.0	17.0	18.9	E	22.5	E
26	737.0	-35.3	-34.4	-37.5	10.0	15.4	18.1	E	22.5	E
27	737.1	-31.9	-28.5	-34.8	10.0	10.8	12.4	ENE	15.0	ENE
28	745.3	-26.8	-25.3	-28.5	10.0	10.8	12.2	ENE	15.0	ENE
29	741.6	-31.3	-26.2	-35.5	10.0	10.1	12.0	ENE	15.0	ENE
30	730.6	-40.2	-35.8	-42.1	2.0	10.5	11.8	E	13.8	E
MEAN	741.2	-33.7	-30.7	-36.8	8.3	12.5				
MONTHLY - MEAN	729.3	-40.3	-37.1	-43.3	5.1	11.6				

JULY 1983

DATE	PST (mb)	TM (°C)	TX (°C)	TN (°C)	N	VM (m/s)	VX (m/s)	VI (m/s)		
1	732.6	-36.8	-34.6	-38.2	4.0	9.9	10.8	E	12.5	E
2	732.4	-37.5	-36.2	-38.6	10.0	9.9	10.6	E	12.2	E
3	731.6	-39.1	-38.2	-40.0	10.0	10.1	11.2	E	14.0	E
4	733.7	-39.9	-38.9	-41.0	8.0	10.2	10.9	E	13.0	E
5	731.6	-41.7	-36.7	-43.7	3.0	11.6	16.0	E	18.5	E
6	719.8	-30.8	-28.4	-36.7	10.0	17.9	22.5	ESE	27.8	ESE
7	718.1	-38.1	-31.5	-41.5	1.0	14.8	20.0	E	24.3	E
8	714.1	-40.4	-39.1	-42.1	4.0	11.6	13.8	E	15.8	E
9	722.2	-44.5	-40.0	-47.7	1.0	11.4	13.8	E	15.6	E
10	734.9	-44.6	-42.0	-48.8	10.0	9.0	10.8	E	13.0	E
MEAN	727.1	-39.3	-36.6	-41.7	6.1	11.6				
11	735.7	-35.0	-31.9	-42.9	10.0	12.7	14.0	ENE	16.4	ENE
12	732.0	-30.4	-28.4	-33.6	10.0	13.1	14.8	E	17.7	E
13	730.5	-32.3	-29.1	-33.0	10.0	11.2	12.6	ENE	15.7	ENE
14	730.9	-33.9	-32.1	-35.1	10.0	8.1	12.1	ENE	14.0	ENE
15	731.1	-41.7	-34.1	-47.5	1.0	5.5	7.6	ENE	13.7	ENE
16	724.7	-47.7	-44.9	-49.9	1.0	10.5	12.1	E	14.1	E
17	724.2	-46.6	-43.0	-48.1	1.0	10.1	11.9	E	14.5	E
18	724.7	-33.8	-28.1	-43.0	10.0	10.7	13.5	NE	19.1	NE
19	726.6	-39.3	-31.6	-42.7	10.0	11.3	13.3	E	15.0	E
20	725.4	-45.7	-42.7	-47.8	10.0	10.3	12.1	E	18.3	E
MEAN	728.6	-38.6	-34.6	-42.4	7.3	10.4				
21	715.9	-39.9	-35.0	-45.2	10.0	8.9	10.1	E	12.5	E
22	716.1	-34.1	-30.6	-38.4	1.0	12.2	14.6	NE	18.0	NE
23	708.0	-32.9	-31.1	-38.5	10.0	12.9	15.7	ENE	19.7	ENE
24	708.2	-35.3	-32.2	-39.8	10.0	10.5	14.2	ENE	17.8	ENE
25	715.7	-38.5	-37.2	-40.0	3.0	12.1	14.0	NE	18.4	ENE
26	715.0	-45.0	-36.8	-48.5	2.0	10.7	12.6	ENE	15.2	NE
27	706.6	-38.9	-34.8	-48.4	10.0	13.7	16.0	ENE	20.0	ENE
28	713.4	-39.6	-35.8	-44.0	6.0	11.2	13.0	E	15.6	E
29	713.7	-50.1	-44.0	-52.4	0.0	12.2	12.9	E	15.0	E
30	712.5	-48.8	-46.1	-52.4	3.0	11.8	13.0	E	16.8	E
31	714.8	-44.6	-42.0	-47.2	10.0	13.2	15.2	E	18.6	E
MEAN	712.7	-40.7	-36.9	-45.0	5.9	11.8				
MONTHLY - MEAN	722.5	-39.6	-36.0	-43.1	6.4	11.3				

AUGUST 1983

DATE	PST (mb)	TM (°C)	TX (°C)	TN (°C)	N	VM (m/s)	VX (m/s)		VI (m/s)	
1	711.5	-45.5	-43.2	-48.2	5.0	15.3	16.5	E	19.5	E
2	706.8	-50.8	-48.1	-51.9	0.0	14.9	16.0	E	19.5	E
3	712.0	-50.8	-49.0	-52.6	0.5	13.2	15.0	E	17.5	E
4	710.2	-44.1	-39.5	-50.1	4.0	13.4	15.0	E	17.5	E
5	721.6	-45.0	-40.2	-47.3	0.5	14.7	15.9	ENE	19.5	ENE
6	714.9	-53.4	-47.2	-55.9	0.0	13.1	14.6	E	18.0	E
7	706.0	-52.8	-51.1	-55.9	0.0	14.1	15.8	E	19.5	E
8	706.5	-53.1	-51.1	-54.6	0.0	15.0	17.7	E	21.0	E
9	706.9	-53.9	-53.1	-54.7	0.0	14.9	16.0	E	19.8	E
10	720.4	-54.2	-53.0	-55.0	1.5	13.6	15.8	E	19.0	E
MEAN	711.7	-50.4	-47.5	-52.6	1.2	14.2				
11	717.6	-38.3	-29.6	-54.2	10.0	19.1	24.9	ENE	30.5	ENE
12	712.5	-31.9	-28.5	-36.9	10.0	17.0	25.5	ENE	33.9	ENE
13	714.6	-43.4	-38.2	-47.8	6.5	15.8	17.4	E	22.0	E
14	710.9	-46.2	-46.5	-47.9	0.0	15.9	17.8	E	22.0	E
15	714.0	-40.3	-32.1	-47.9	6.0	17.0	18.6	E	22.9	E
16	721.6	-30.9	-30.0	-32.1	10.0	21.4	24.9	E	30.0	E
17	732.0	-29.6	-27.7	-31.0	1.5	16.2	18.0	ENE	21.3	E
18	740.7	-32.5	-29.1	-34.8	4.0	12.5	16.3	E	18.9	E
19	741.7	-34.8	-33.8	-37.5	3.5	13.5	16.5	ENE	19.3	ENE
20	741.9	-40.0	-36.7	-41.5	3.0	11.5	13.8	E	16.5	E
MEAN	724.8	-36.8	-33.2	-41.2	5.5	16.0				
21	738.9	-42.9	-40.1	-44.8	2.0	11.2	14.1	E	16.5	E
22	726.4	-40.3	-37.9	-44.1	6.0	15.2	18.6	E	22.4	E
23	724.5	-36.9	-34.1	-38.6	5.0	15.4	17.7	E	21.8	E
24	723.4	-40.4	-36.7	-43.1	4.5	14.0	17.5	E	20.8	E
25	722.8	-40.8	-36.9	-43.2	1.0	12.8	13.9	E	16.5	E
26	725.1	-36.9	-32.1	-40.0	1.0	14.3	16.4	E	19.5	E
27	734.1	-34.2	-31.1	-36.8	7.0	12.9	16.1	ENE	19.8	ENE
28	736.3	-39.0	-37.0	-41.0	0.0	13.3	17.8	E	20.3	E
29	735.0	-28.3	-24.0	-39.0	10.0	18.5	22.0	E	27.0	E
30	737.9	-26.8	-22.8	-30.0	7.0	16.3	21.8	E	28.0	E
31	744.4	-31.3	-28.7	-35.1	3.5	9.6	12.3	E	14.8	E
MEAN	731.7	-36.2	-32.8	-40.5	4.7	14.0				
MONTHLY - MEAN	723.0	-40.9	-37.7	-44.6	3.6	14.7				

SEPTEMBER 1983

DATE	PST (mb)	TM (°C)	TX (°C)	TN (°C)	N	VM (m/s)	VX (m/s)	VI (m/s)		
1	740.0	-30.9	-28.7	-33.5	10.0	9.6	10.7	ENE	12.2	E
2	738.9	-35.9	-32.9	-38.3	0.0	8.8	10.0	ENE	11.8	ENE
3	730.3	-41.3	-31.8	-46.2	2.0	11.7	14.9	E	18.3	E
4	711.2	-42.3	-39.9	-46.0	0.0	13.7	17.0	E	20.8	E
5	719.7	-45.6	-42.5	-47.2	0.0	12.2	15.6	E	18.7	E
6	720.1	-40.5	-35.5	-45.4	1.3	14.0	16.6	ENE	20.0	ENE
7	712.0	-26.2	-23.6	-35.5	10.0	16.9	19.3	NE	25.0	NE
8	712.3	-26.4	-24.4	-29.5	10.0	9.7	15.6	ENE	18.3	ENE
9	718.0	-34.5	-29.5	-40.0	6.7	9.8	11.2	E	13.6	E
10	725.4	-37.8	-30.6	-44.4	4.0	9.6	11.3	ENE	13.6	ENE
MEAN	722.8	-36.1	-31.9	-40.6	4.4	11.6				
11	732.0	-29.3	-26.7	-32.8	9.3	12.6	19.4	ENE	22.6	ENE
12	727.6	-40.0	-30.8	-46.5	6.7	8.7	10.8	E	15.0	E
13	723.7	-42.9	-40.8	-44.6	7.7	10.4	11.7	ENE	13.3	ENE
14	728.7	-42.7	-39.8	-45.6	0.0	9.1	10.4	E	11.6	E
15	742.0	-39.3	-35.1	-45.3	0.0	12.4	13.6	E	15.1	E
16	744.5	-30.0	-24.6	-38.0	10.0	16.5	19.6	ENE	22.8	ENE
17	739.0	-27.7	-25.0	-29.6	6.7	14.8	19.6	E	24.0	E
18	726.6	-30.5	-25.0	-37.3	7.3	13.9	23.6	E	25.7	E
19	726.2	-36.5	-30.8	-40.8	8.3	8.7	11.5	ENE	12.6	ENE
20	726.3	-39.3	-35.6	-42.1	8.7	10.7	14.3	E	17.1	E
MEAN	731.7	-35.8	-31.4	-40.3	6.5	11.8				
21	714.9	-35.0	-32.3	-39.3	10.0	13.9	16.3	E	19.0	E
22	716.9	-37.9	-33.4	-43.1	9.3	7.2	12.4	E	13.8	E
23	712.8	-43.8	-38.1	-48.1	2.0	11.2	15.3	E	18.0	E
24	705.9	-40.7	-36.8	-48.4	10.0	15.3	17.6	E	21.3	E
25	708.5	-40.4	-37.1	-46.3	6.0	10.1	12.5	ENE	14.9	ENE
26	718.6	-46.8	-43.3	-49.7	0.0	11.4	14.0	E	16.3	E
27	725.1	-45.3	-40.1	-50.2	2.0	11.8	13.6	E	15.5	E
28	720.5	-36.6	-33.4	-45.6	10.0	11.4	12.7	ENE	14.9	ENE
29	713.5	-30.7	-26.6	-35.2	10.0	13.7	16.3	ENE	19.7	ENE
30	718.1	-33.1	-29.1	-39.1	7.0	12.0	14.8	E	17.5	E
MEAN	715.5	-39.0	-35.0	-44.5	6.6	11.8				
MONTHLY - MEAN	723.3	-37.0	-32.8	-41.8	5.8	11.7				

OCTOBER 1983

DATE	PST (mb)	TM (°C)	TX (°C)	TN (°C)	N	VM (m/s)	VX (m/s)		VI (m/s)	
1	714.7	-33.2	-30.5	-38.6	5.7	13.9	15.2	E	18.4	E
2	714.9	-33.9	-29.7	-39.0	2.3	9.2	13.0	E	14.3	E
3	713.8	-30.9	-26.3	-39.1	10.0	10.1	11.3	ENE	13.2	ENE
4	715.4	-31.0	-26.6	-35.2	8.7	8.1	10.7	ENE	12.3	ENE
5	719.1	-37.7	-33.8	-40.7	4.3	11.9	17.2	E	19.6	E
6	716.5	-38.7	-34.6	-42.7	5.0	16.3	17.9	E	21.4	E
7	715.5	-40.4	-35.8	-44.8	0.7	14.9	16.6	E	19.6	E
8	717.6	-40.7	-34.8	-46.0	0.0	13.1	16.0	E	18.6	E
9	712.0	-42.7	-38.6	-46.5	0.0	13.8	16.2	E	18.6	E
10	717.9	-39.8	-34.6	-47.4	8.7	8.5	15.1	E	17.4	E
MEAN	715.7	-36.9	-32.5	-42.0	4.5	12.0				
11	726.6	-38.4	-34.4	-43.4	5.7	6.4	9.6	ENE	10.4	ENE
12	723.9	-38.5	-34.0	-44.4	10.0	10.9	13.0	ENE	15.3	ENE
13	722.2	-37.0	-32.7	-40.6	9.7	13.5	15.0	ENE	17.8	ENE
14	729.1	-33.8	-29.3	-39.0	10.0	13.3	17.2	E	20.0	E
15	734.0	-33.4	-29.2	-37.8	10.0	14.5	19.3	E	23.6	E
16	737.7	-32.9	-28.4	-37.3	8.7	13.2	15.3	E	18.0	E
17	745.2	-33.8	-28.1	-38.2	1.0	10.4	13.1	E	14.8	E
18	748.8	-33.6	-27.5	-39.5	9.7	8.2	11.3	E	12.6	E
19	745.0	-27.8	-23.7	-35.2	10.0	12.1	13.4	ENE	20.1	ENE
20	739.4	-25.4	-22.2	-28.2	9.7	9.3	12.7	ENE	15.0	ENE
MEAN	735.2	-33.5	-28.9	-38.4	8.5	11.2				
21	724.8	-21.3	-19.5	-24.4	10.0	16.5	22.8	NNE	27.3	NNE
22	726.5	-25.4	-21.0	-34.0	10.0	8.8	11.8	ENE	13.7	ENE
23	729.7	-31.1	-26.4	-36.3	4.3	8.4	10.4	E	11.4	E
24	722.8	-32.1	-26.5	-37.9	7.3	15.1	20.9	E	25.0	E
25	712.3	-31.5	-28.6	-35.5	10.0	17.9	21.6	E	26.6	E
26	700.9	-32.6	-28.0	-37.3	10.0	14.1	18.5	E	21.8	E
27	710.2	-27.0	-22.5	-35.2	10.0	12.7	14.2	E	17.2	E
28	721.4	-24.3	-21.4	-28.8	10.0	10.6	12.6	E	14.5	E
29	723.3	-28.4	-23.8	-34.3	6.7	11.6	13.4	ENE	16.6	ENE
30	719.9	-31.5	-26.1	-36.0	7.7	9.8	12.6	E	14.3	E
31	722.9	-30.9	-24.0	-38.1	10.0	6.0	9.7	ENE	11.8	ENE
MEAN	719.5	-28.7	-24.3	-34.3	8.7	12.0				
MONTHLY - MEAN	723.4	-32.9	-28.5	-38.1	7.3	11.7				

NOVEMBER 1983

DATE	PST (mb)	TM (°C)	TX (°C)	TN (°C)	N	VM (m/s)	VX (m/s)		VI (m/s)	
1	725.7	-30.9	-25.3	-38.2	1.3	6.1	8.5	E	9.3	E
2	727.3	-33.1	-26.4	-39.9	1.0	8.6	10.0	E	11.0	E
3	722.3	-30.8	-25.3	-37.6	9.7	10.4	11.4	E	12.9	E
4	719.8	-31.9	-26.3	-37.6	5.3	9.3	11.7	E	13.2	E
5	718.5	-33.3	-26.4	-39.6	4.3	8.3	10.0	E	11.5	E
6	717.8	-34.0	-28.1	-39.3	4.0	8.7	11.0	E	12.5	E
7	722.8	-35.6	-30.1	-41.2	1.3	11.2	12.5	E	14.3	E
8	724.4	-34.8	-29.6	-41.2	2.0	12.8	13.7	E	16.3	E
9	723.3	-32.5	-26.9	-39.5	9.3	11.9	14.9	E	17.6	E
10	731.4	-29.7	-23.6	-35.0	8.7	9.0	11.1	ENE	12.8	ENE
MEAN	723.3	-32.7	-26.8	-38.9	4.7	9.6				
11	736.3	-30.3	-23.9	-36.0	2.0	8.2	10.5	ENE	12.1	ENE
12	732.6	-30.2	-23.6	-36.3	2.7	8.3	10.2	E	12.0	E
13	732.1	-29.3	-22.9	-36.5	0.0	10.3	12.2	E	13.8	E
14	735.6	-28.6	-22.0	-35.3	0.3	10.3	13.1	E	14.6	E
15	729.7	-26.8	-20.1	-35.0	0.3	10.8	14.0	ENE	16.3	ENE
16	732.9	-24.5	-20.3	-33.3	10.0	12.8	14.7	ENE	17.1	ENE
17	737.1	-21.1	-18.6	-23.6	10.0	10.4	13.6	ENE	15.7	ENE
18	730.3	-23.6	-18.2	-29.0	8.0	5.7	8.0	E	8.8	E
19	726.0	-25.7	-20.5	-30.5	10.0	6.6	9.1	E	10.0	E
20	729.0	-27.5	-20.2	-32.5	6.7	7.0	10.7	ENE	13.0	ENE
MEAN	732.2	-26.8	-21.0	-32.8	5.0	9.7				
21	728.9	-29.0	-22.0	-35.5	0.7	7.0	9.0	E	11.4	E
22	719.0	-28.2	-22.9	-34.2	1.3	9.6	10.8	E	12.1	E
23	718.7	-29.5	-24.0	-34.8	0.0	8.1	11.3	E	13.1	E
24	725.8	-29.0	-23.1	-36.5	6.3	6.5	8.4	ENE	10.0	ENE
25	726.3	-24.5	-20.1	-32.0	9.7	8.7	14.8	NE	18.7	NE
26	722.3	-20.7	-18.2	-23.6	10.0	11.9	16.5	NNE	20.7	NNE
27	727.7	-21.5	-15.8	-24.0	10.0	4.7	8.7	NNE	10.0	NNE
28	724.7	-25.0	-19.8	-35.0	1.0	3.5	6.1	SSW	6.6	SSW
29	725.2	-26.4	-20.0	-36.5	6.0	4.1	7.4	ENE	8.2	ENE
30	730.8	-27.0	-23.3	-35.0	1.3	5.3	7.6	ENE	8.6	ENE
MEAN	724.9	-26.1	-20.9	-32.7	4.6	6.9	9.7	ENE	11.8	ENE
MONTHLY - MEAN	726.8	-28.5	-22.9	-34.8	4.8	8.8				



DECEMBER 1983

DATE	PST (mb)	TM (°C)	TX (°C)	TN (°C)	N	VM (m/s)	VX (m/s)		VI (m/s)	
1	730.9	-27.5	-21.7	-36.0	10.0	8.0	8.8	NE	9.9	NE
2	731.9	-25.4	-20.4	-31.6	9.0	7.7	10.4	ENE	12.0	ENE
3	733.5	-24.9	-20.9	-29.9	2.0	9.4	12.5	E	14.3	E
4	726.1	-24.6	-20.2	-29.5	3.3	13.5	16.2	E	19.1	E
5	722.1	-23.9	-19.5	-29.4	9.7	12.4	16.0	ENE	18.4	ENE
6	729.8	-18.3	-13.8	-26.1	9.3	11.6	13.6	ENE	16.6	E
7	735.2	-16.9	-14.5	-19.7	10.0	9.6	15.5	E	18.3	E
8	738.2	-20.4	-16.3	-24.7	2.7	8.5	10.3	E	11.7	E
9	732.9	-20.8	-16.8	-26.0	9.0	13.3	16.0	E	18.9	E
10	735.4	-22.9	-18.7	-26.5	5.7	10.4	13.3	E	16.0	E
MEAN	731.6	-22.6	-18.3	-27.9	7.1	10.4				
11	741.6	-23.4	-19.7	-28.2	5.7	8.4	11.2	ENE	12.3	ENE
12	743.8	-21.8	-18.9	-29.1	7.7	6.3	9.6	E	10.6	E
13	739.1	-23.9	-18.6	-30.9	2.7	7.1	11.1	ENE	12.6	ENE
14	734.6	-23.0	-18.8	-30.7	1.7	6.8	8.6	E	9.6	ENE
15	731.4	-22.9	-18.1	-28.0	7.3	7.4	10.6	E	12.0	E
16	733.1	-23.6	-18.8	-29.4	6.0	6.2	10.8	ENE	12.3	ENE
17	732.9	-24.9	-20.0	-30.4	2.7	6.5	8.4	E	9.3	E
18	731.4	-23.3	-17.7	-30.5	2.0	6.0	8.1	E	8.9	E
19	730.8	-22.3	-17.5	-29.5	0.3	8.1	9.9	E	11.5	E
20	736.1	-21.7	-17.6	-25.8	1.7	10.2	12.5	ENE	15.0	ENE
MEAN	735.5	-23.1	-18.6	-29.2	3.8	7.3				
21	735.5	-19.2	-14.4	-26.1	1.3	9.9	11.6	E	13.1	E
22	729.4	-18.7	-13.0	-24.8	0.7	10.7	13.8	E	16.1	E
23	738.2	-17.9	-13.1	-22.3	7.0	10.3	14.6	E	16.6	E
24	742.5	-18.3	-13.5	-24.0	1.3	10.3	15.6	E	18.7	E
25	738.1	-16.9	-12.5	-22.5	1.0	9.7	11.8	E	13.4	E
26	739.7	-17.8	-14.6	-24.3	1.3	7.9	11.3	ENE	12.3	ENE
27	735.8	-19.4	-15.9	-25.1	4.3	8.5	9.8	E	10.6	E
28	732.4	-19.0	-16.5	-24.1	4.3	7.8	10.9	E	12.8	E
29	733.2	-18.2	-13.8	-24.9	7.0	6.7	9.3	ENE	10.5	ENE
30	731.1	-19.9	-15.0	-24.8	1.3	8.1	11.4	E	12.7	E
31	730.8	-19.0	-15.0	-25.6	9.0	6.7	8.7	ENE	10.0	NE
MEAN	735.2	-18.6	-14.3	-24.4	3.5	8.8				
MONTHLY - MEAN	734.1	-21.3	-17.0	-27.1	4.7	8.8				

Table 3. Surface synoptic data in 1983.

JANUARY 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JAN. 1	03	746.1	-21.6	E	12.8						
	06	746.6	-19.6	E	12.3						
	09	746.4	-16.7	ESE	13.0						
	12	745.7	-13.4	E	14.5	1	38	0.4	0 3 0	B	1Ac
	15	745.8	-12.5	E	14.1	1	36	0.6	0 0 1	D	1Ci
	18	746.3	-12.6	E	11.7						
	21	746.7	-14.6	E	9.0	4	02	10.0	0 0 1	E	4Ci
	24	746.8	-17.5	E	9.7						
JAN. 2	03	746.5	-19.6	E	11.7						
	06	746.1	-18.6	E	12.1						
	09	745.6	-15.6	E	11.4						
	12	745.0	-12.9	E	11.1	1	02	10.0	0 3 1	E	0+Ac, 1Ci
	15	744.5	-11.6	E	10.2	1	02	20.0	0 3 1	E	0+Ac, 1Ci
	18	743.9	-12.0	E	7.9						
	21	743.6	-16.0	E	7.0	1	02	20.0	0 3 1	-	0+Ac, 1Ci
	24	743.3	-19.7	E	7.6						
JAN. 3	03	742.8	-21.6	E	8.7						
	06	741.5	-20.6	E	9.6						
	09	740.6	-17.4	E	10.4						
	12	740.6	-13.7	ENE	9.3	0+	02	20.0	0 0 1	E	0+Ci
	15	740.3	-12.2	E	8.4	0+	02	20.0	0 0 1	-	0+Ci
	18	740.5	-12.7	E	6.8						
	21	740.6	-16.5	E	6.6	0+	02	20.0	0 0 1	-	0+Ci
	24	741.2	-19.8	E	7.8						
JAN. 4	03	742.0	-21.9	E	8.5						
	06	742.4	-20.6	E	8.7						
	09	742.4	-16.0	E	8.4						
	12	742.6	-13.1	ENE	9.7	1	02	20.0	0 3 0	E	1Ac
	15	742.6	-12.7	ENE	7.8	1	02	20.0	0 3 0	-	1Ac
	18	742.3	-13.1	E	5.1						
	21	742.3	-17.1	E	4.3	0+	02	20.0	0 3 0	-	0+Ac
	24	742.5	-21.6	E	5.8						
JAN. 5	03	742.5	-19.1	E	5.6						
	06	742.6	-18.5	E	8.3						
	09	742.8	-15.7	ENE	8.2	6	02	20.0	0 3 1	-	3Ac, 3Ci
	12	742.8	-13.3	ENE	8.3						
	15	742.5	-12.1	E	6.9	2	02	20.0	0 3 1	-	2Ac, 0+Ci
	18	742.2	-12.6	ENE	5.1						
	21	742.0	-17.0	E	4.6	1	02	20.0	0 3 1	-	0+Ac, 1Ci
	24	742.1	-21.1	E	6.2						

JANUARY 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JAN. 6	03	742.1	-22.6	E	8.1						
	06	742.1	-20.6	E	8.5						
	09	742.1	-17.2	E	8.6	1	02	20.0	0 0 1	-	1Ci
	12	742.3	-14.0	ENE	6.9						
	15	742.3	-13.4	ENE	6.3	2	02	20.0	0 3 1	-	0+Ac, 2Ci
	18	742.6	-13.8	ENE	4.2						
	21	743.0	-17.7	E	4.3	3	02	20.0	0 0 1	-	3Ci
24	743.5	-21.9	E	6.1							
JAN. 7	03	744.0	-23.6	E	6.9						
	06	745.0	-21.7	E	7.1						
	09	745.9	-16.4	ENE	7.5	7	02	20.0	0 3 1	-	6Ac, 3Ci
	12	747.1	-13.3	ENE	7.2						
	15	748.3	-13.7	NE	6.9	8	03	20.0	0 3 1	-	8Ac, 0+Ci
	18	748.7	-13.8	E	7.0						
	21	749.4	-17.7	E	4.6	9	02	20.0	0 3 1	-	8Ac, XCi
24	749.8	-17.8	ENE	4.9							
JAN. 8	03	749.6	-18.6	E	5.3						
	06	749.1	-17.7	E	6.8						
	09	748.7	-15.0	ENE	5.9	5	02	20.0	0 3 1	-	1Ac, 4Ci
	12	749.2	-13.0	NNE	6.2						
	15	749.4	-12.2	NE	3.9	10	71	10.0	0 7 X	-	10Ac
	18	749.4	-12.1	NE	3.7						
	21	749.4	-17.0	E	4.6	8	02	10.0	0 3 X	-	8Ac
24	749.6	-16.5	E	6.1							
JAN. 9	03	749.5	-17.7	ENE	5.1						
	06	749.3	-17.5	E	6.7						
	09	748.9	-16.0	E	8.1						
	12	748.4	-15.3	E	8.0	1	02	20.0	0 3 0	E	1Ac
	15	747.5	-14.3	ENE	4.9	1	02	20.0	0 3 0	-	1Ac
	18	746.7	-14.0	NNE	3.1						
	21	746.5	-18.0	ENE	5.2	3	02	20.0	0 3 0	-	3Ac
24	746.6	-21.9	ENE	6.2							
JAN. 10	03	746.5	-24.3	E	6.8						
	06	746.3	-19.8	E	5.8						
	09	745.9	-16.6	ENE	7.6	10	71	2.0	0 7 X	-	2Ac, 10As
	12	745.7	-14.4	ENE	10.4						
	15	745.2	-13.9	ENE	10.5	9	02	3.0	0 3 1	E	9Ac, XCi
	18	744.3	-14.3	E	8.8						
	21	743.2	-17.7	E	7.6	0+	02	20.0	0 3 0	-	0+Ac
24	742.1	-20.9	E	10.0							

JANUARY 1983

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JAN. 11	03	740.4	-22.7	E	11.0						
	06	738.8	-21.0	E	11.6						
	09	737.1	-18.0	E	11.6	7	36	2.0	0 3 1	D	1Ac, 7Ci
	12	734.6	-15.0	E	13.9						
	15	733.2	-12.9	E	12.4	4	36	1.5	0 3 1	D	0+Ac, 4Ci
	18	732.1	-12.7	E	8.8						
	21	732.0	-14.3	ENE	7.5	9	02	3.0	0 3 X	E	9Ac
	24	732.1	-17.2	ENE	7.4						
JAN. 12	03	733.6	-18.7	E	8.0						
	06	734.0	-16.5	E	9.0						
	09	734.1	-13.2	ENE	10.1	10-	36	1.0	0 3 1	D	9Ac, XCi
	12	734.6	-11.1	ENE	10.8						
	15	735.2	-9.2	NE	10.2	7	02	5.0	0 3 2	E	1Ac, 4Ci, 3Cc
	18	736.2	-9.8	ENE	8.2						
	21	737.1	-12.8	E	6.6	9	03	20.0	0 3 1	-	6Ac, 4Ci
	24	738.6	-15.6	E	6.9						
JAN. 13	03	738.8	-14.6	E	12.0						
	06	738.8	-17.3	E	13.0						
	09	739.7	-16.4	E	15.1	4	39	0.1	0 0 1	A	4Ci
	12	740.7	-12.6	E	12.8						
	15	741.0	-10.8	ENE	12.6	9	03	2.5	0 7 1	D	9Ac, XCi
	18	741.5	-11.7	E	10.4						
	21	742.0	-14.2	E	10.1	9	02	5.0	0 3 1	E	9Ac, 1Ci
	24	742.7	-15.5	E	11.1						
JAN. 14	03	743.0	-18.7	E	9.6						
	06	742.8	-18.0	E	8.8						
	09	741.2	-16.0	E	13.5						
	12	740.7	-13.1	E	13.7	2	36	1.5	0 0 1	D	2Ci
	15	741.2	-11.6	ENE	12.0	1	02	5.0	0 0 1	E	1Ci
	18	741.8	-11.9	E	8.8						
	21	742.1	-15.8	E	8.1	0+	02	20.0	0 0 1	-	0+Ci
	24	742.5	-19.6	E	11.1						
JAN. 15	03	742.4	-21.6	E	10.9						
	06	742.1	-20.0	E	12.4						
	09	742.1	-15.8	E	11.2	1	02	20.0	0 0 1	E	1Ci
	12	742.0	-12.0	E	10.6						
	15	742.2	-10.6	E	10.0	1	02	20.0	0 0 1	-	1Ci
	18	742.7	-11.5	E	8.8						
	21	742.6	-14.9	E	11.1	0	02	20.0	0 0 0	-	
	24	743.7	-19.3	E	11.1						

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JANUARY 1983

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JAN. 16	03	744.3	-21.1	E	10.4						
	06	744.5	-20.7	E	9.4						
	09	744.2	-17.7	E	11.3	0+	02	20.0	0 0 1	-	0+Ci
	12	744.2	-13.8	E	11.9						
	15	744.6	-12.8	ENE	8.2	0+	02	20.0	0 0 1	-	0+Ci
	18	744.4	-13.1	E	7.5						
	21	744.2	-16.8	SE	3.1	0+	02	20.0	0 0 1	-	0+Ci
24	744.2	-21.6	E	6.8							
JAN. 17	03	743.3	-23.0	E	8.7						
	06	741.7	-21.7	E	9.7						
	09	740.4	-18.2	E	10.1	0	02	20.0	0 0 0	-	
	12	739.1	-14.1	E	11.0						
	15	738.0	-12.2	E	10.7	0	02	20.0	0 0 0	E	
	18	737.8	-13.1	E	9.7						
	21	738.2	-16.8	E	9.4	0	02	20.0	0 0 0	-	
24	738.8	-20.7	E	10.8							
JAN. 18	03	739.2	-22.6	E	11.4						
	06	739.6	-22.5	E	11.6						
	09	739.5	-19.6	E	11.8	0	02	20.0	0 0 0	E	
	12	739.9	-16.8	E	11.8						
	15	740.6	-14.8	E	9.4	0	02	20.0	0 0 0	E	
	18	740.8	-14.9	E	8.4						
	21	741.2	-18.3	E	7.9	0	02	20.0	0 0 0	-	
24	742.1	-22.3	E	8.5							
JAN. 19	03	742.4	-24.6	E	9.8						
	06	742.4	-24.0	E	10.5						
	09	741.7	-21.1	E	12.1	0+	02	20.0	0 0 1	-	0+Ci
	12	741.4	-18.4	E	11.8						
	15	741.0	-16.4	E	10.3	0+	02	20.0	0 0 1	-	0+Ci
	18	740.9	-16.5	E	9.1						
	21	741.1	-19.7	E	8.2	0	02	20.0	0 0 0	-	
24	741.3	-23.0	E	9.9							
JAN. 20	03	741.6	-24.8	E	10.6						
	06	741.5	-23.8	E	10.6						
	09	741.3	-20.0	E	11.6	0+	02	20.0	0 0 1	E	0+Ci
	12	740.8	-17.4	E	11.5						
	15	740.6	-15.9	E	12.0	0	02	3.0	0 0 0	E	
	18	740.3	-16.2	E	10.0						
	21	740.1	-20.3	E	6.7	0	02	20.0	0 0 0	-	
24	740.5	-23.2	E	8.4							

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JANUARY 1983

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JAN. 21	03	740.8	-24.6	E	9.7						
	06	740.7	-23.5	E	10.4						
	09	740.7	-19.8	E	10.2	3	02	20.0	0 3 1	E	1Ac, 2Ci
	12	740.8	-17.0	E	10.6						
	15	740.9	-15.6	E	9.7	1	02	20.0	0 3 1	-	1Ac, 0+Ci
	18	740.7	-15.6	E	5.4						
	21	740.6	-19.5	E	6.5	1	02	20.0	0 7 1	-	1Ac, 0+Ci
	24	740.6	-22.9	E	8.7						
JAN. 22	03	740.5	-23.6	E	9.7						
	06	740.0	-23.4	E	9.9						
	09	740.0	-20.7	E	10.0	1	02	20.0	0 3 0	-	1Ac
	12	739.5	-17.7	E	8.9						
	15	739.5	-16.1	E	7.6	1	02	20.0	0 3 1	-	1Ac, 0+Ci
	18	739.3	-16.8	ENE	6.3						
	21	738.7	-20.5	E	5.1	0+	01	20.0	0 3 0	-	0+Ac
	24	738.4	-24.6	X	X						
JAN. 23	03	738.3	-24.3	E	9.9						
	06	738.5	-20.8	E	7.9						
	09	738.5	-17.8	E	10.4						
	12	739.3	-16.0	E	10.8	9	02	20.0	0 3 X	-	9Ac
	15	739.0	-15.9	E	10.0	9	03	10.0	0 3 X	E	9Ac
	18	738.5	-15.8	E	9.9						
	21	739.1	-16.7	ENE	8.1	10-	02	20.0	0 3 X	-	10-Ac
	24	740.0	-17.4	E	5.5						
JAN. 24	03	740.7	-17.9	E	8.7						
	06	740.8	-19.6	E	7.8						
	09	740.8	-16.1	E	6.7	7	02	20.0	0 3 1	-	3Ac, 4Ci
	12	740.9	-13.8	ENE	8.9						
	15	740.5	-13.6	E	7.2	6	02	20.0	0 3 2	-	0+Ac, 6Ci
	18	740.0	-13.9	E	6.0						20.0
	21	739.8	-18.3	E	5.3	8	03	20.0	0 7 0	-	8Ac
	24	739.9	-17.9	E	4.9						
JAN. 25	03	739.6	-18.0	E	7.5						
	06	739.3	-17.8	E	8.2						
	09	738.8	-16.5	E	9.4	1		20.0	0 3 0	E	1Ac
	12	737.9	-15.2	E	9.6						
	15	737.1	-14.4	E	10.2	0+		20.0	0 0 1	E	0+Ci
	18	736.8	-13.2	E	7.6						
	21	736.7	-18.9	E	5.5	1		20.0	0 3 0	-	1Ac
	24	736.8	-23.4	E	6.4						

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JANUARY 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JAN. 26	03	737.1	-24.4	E	7.7						
	06	737.0	-20.6	E	7.5						
	09	737.5	-17.6	E	8.5	9		20.0	0 3 1	-	8Ac, 0+Ci
	12	737.8	-15.0	ENE	7.2						
	15	737.7	-13.8	ENE	8.7	9	71	10.0	0 2 X	-	9As
	18	737.6	-14.0	NE	5.5						
	21	738.2	-16.5	ENE	6.4	10		10.0	0 1 X	E	10As
24	738.8	-21.6	E	7.5							
JAN. 27	03	738.7	-25.3	E	8.0						
	06	738.8	-24.0	E	9.3						
	09	739.0	-22.4	E	10.2	2		10.0	0 0 1	E	2Ci
	12	738.3	-19.3	E	9.0						
	15	738.4	-17.0	E	6.6	1		20.0	0 1 0	-	1Ac
	18	738.6	-17.0	E	6.2						
	21	738.6	-21.5	E	5.0	2		20.0	0 0 1	-	2Ci
24	738.9	-26.0	E	6.4							
JAN. 28	03	739.0	-22.0	NNE	6.2						
	06	739.2	-22.0	NNE	5.0						
	09	739.3	-17.0	NNE	3.8	10		10.0	0 7 X	-	10Ac
	12	739.8	-15.9	NE	5.0						
	15	739.5	-17.0	E	6.5	2	02	20.0	0 3 1	-	1Ac, 1Ci
	18	739.1	-17.2	E	5.5						
	21	739.0	-19.8	E	5.5	10	02	20.0	0 7 X	-	10Ac
24	739.0	-20.0	E	5.5							
JAN. 29	03	738.5	-22.0	E	8.5						
	06	739.0	-20.7	E	7.7						
	09	737.5	-19.5	E	8.8	1		1.5	0 3 0	D	1Ac
	12	736.9	-18.6	E	10.5						
	15	735.0	-18.0	E	14.5	4	31	0.15	0 3 0	A	4Ac
	18	734.1	-17.5	E	14.6						
	21	734.2	-17.8	E	13.6	10		0.05	0 2 X	A	10As
24	734.9	-17.4	E	16.0							
JAN. 30	03	735.0	-17.3	E	10.2						
	06	734.6	-18.0	E	18.5						
	09	732.2	-16.8	E	23.2	10	39	0.01	X X X	A	
	12	735.0	-15.8	E	22.5						
	15	734.4	-15.0	E	24.0	10	39	0.01	X X X	A	
	18	735.3	-15.3	E	22.0						
	21	735.7	-16.0	E	21.0	10	39	0.01	X X X	A	
24	738.3	-16.2	E	17.5							

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JAN. 31	03	739.8	-17.0	ENE	16.1						
	06	742.1	-17.9	ENE	13.7						
	09	743.1	-14.6	ENE	14.9	10		0.1	0 1 X	A	10As
	12	744.8	-13.2	ENE	14.3						
	15	745.0	-12.9	ENE	13.0	8	01	0.3	0 3 1	B	4As, 4Ci
	18	746.0	-14.0	ENE	10.1						
	21	747.4	-17.1	E	10.5	7		2.0	0 3 0	E	7As
	24	748.6	-19.5	E	10.5						

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FEBRUARY 1983

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
FEB. 1	03	749.0	-21.1	E	12.1						
	06	749.6	-21.2	E	13.2						
	09	749.9	-18.2	E	11.5	4		1.0	0 3 0	D	4Ac
	12	749.6	-16.0	E	12.8						
	15	749.1	-13.5	E	11.6	1		1.0	0 3 0	D	0+Ac
	18	750.2	-14.5	E	9.2						
	21	750.4	-17.9	E	10.4	0		2.0	0 0 0	C	
24	750.9	-21.6	E	11.4							
FEB. 2	03										
	06										
	09	747.7	-17.7	E	14.0	0		0.6	0 0 0	D	
	12	747.4	-14.2	E	13.0						
	15	746.8	-12.8	E	13.0	0	02	0.6	0 0 0	D	
	18	746.6	-13.7	E	9.5						
	21	742.6	-16.6	E	16.5	0		0.5	0 0 0	B	
24	742.7	-19.0	E	15.0							
FEB. 3	03	742.0	-17.3	E	14.9						
	06	741.3	-20.6	E	15.2						
	09	741.1	-18.6	E	16.5	0		0.2	0 0 0	A	
	12	741.6	-16.1	E	17.8						
	15	742.6	-15.9	E	17.0	0	02	0.1	0 0 0	A	
	18	743.1	-17.3	E	16.2						
	21	744.8	-20.5	E	13.2	0		0.2	0 0 0	A	
24	745.5	-23.9	E	15.2							
FEB. 4	03	745.2	-25.8	E	10.0						
	06	744.9	-25.2	E	8.4						
	09	744.2	-22.0	E	14.0	0		0.2	0 0 0	A	
	12	743.9	-18.4	E	14.2						
	15	742.8	-16.5	E	12.4	1		1.0	0 3 0	D	1Ac
	18	742.0	-17.3	E	12.2						
	21	741.5	-20.8	E	12.5	0		1.0	0 0 0	D	
24	741.6	-23.2	E	12.0							
FEB. 5	03	740.7	-25.8	E	13.0						
	06	740.2	-24.7	E	10.4						
	09	740.1	-22.0	E	11.6	4		1.5	0 0 6	D	4Cs
	12	739.3	-19.0	E	12.0						
	15	739.1	-19.5	E	13.8	3		1.0	0 0 6	D	9Cs
	18	739.0	-19.3	E	13.1						
	21	740.1	-22.1	E	10.0	0		10.0	0 0 0	E	
24	740.8	-25.2	E	12.0							

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
FEB. 6	03	741.0	-27.0	E	12.4						
	06	741.2	-26.4	E	13.0						
	09	742.6	-23.6	E	13.3	4		1.0	0 0 2	D	
	12	743.9	-21.2	E	10.0						
	15	744.8	-18.6	E	8.6	9		10.0	0 7 X	-	9Ac
	18	745.7	-17.3	E	4.8						
	21	746.6	-18.9	E	3.5	10		20.0	0 2 X	-	10As
	24	747.8	-19.5	E	2.8						
FEB. 7	03	747.9	-23.5	E	4.0						
	06	748.0	-24.5	E	5.0						
	09	748.2	-20.9	E	3.6	3	02	10.0	0 3 0+	-	3Ac, 0+Ci
	12	748.5	-17.3	E	2.2						
	15	748.3	-16.5	E	2.0	1	02	20.0	0 3 0	-	1Ac
	18	748.2	-18.4	E	3.6						
	21	748.2	-25.5	E	5.2	1	02	20.0	0 3 0	-	1Ac
	24	748.3	-26.0	E	4.8						
FEB. 8	03	748.2	-22.3	E	3.6						
	06	748.2	-19.8	E	3.5						
	09	747.9	-18.2	E	3.2	2	02	20.0	0 3 0	-	2Ac
	12	748.0	-16.5	E	5.0						
	15	747.6	-16.0	E	5.8	2	02	20.0	0 3 0	-	2Ac
	18	747.2	-17.9	ESE	4.6						
	21	747.2	-23.1	NE	3.0	3	02	20.0	0 3 0	-	3Ac
	24	747.3	-24.7	NE	4.5						
FEB. 9	03	737.5	-27.8	ENE	5.9						
	06	737.1	-26.5	ENE	6.2						
	09	736.8	-21.6	ENE	5.4						
	12	736.6	-19.1	ENE	4.8	1		20.0	0 0 1	-	1Ci
	15	736.5	-18.3	ENE	4.9						
	18	735.5	-20.3	E	4.4						
	21	735.1	-25.6	E	7.0						
	24	733.9	-28.8	E	8.0						
FEB. 10	03	742.3	-29.6	E	9.6						
	06	740.6	-28.9	E	10.0						
	09	739.1	-25.9	E	10.2	0	02	10.0	0 0 0	D	
	12	737.3	-27.7	E	10.5						
	15	737.1	-20.5	E	11.0	1	02	10.0	0 3 0	D	1Ac
	18	736.2	-20.9	E	10.5						
	21	736.2	-23.2	ENE	8.5	10	02	10.0	0 7 X	D	10Ac
	24	736.2	-21.9	ENE	8.5						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
FEB. 11	03	738.7	-21.5	ENE	9.8						
	06	739.7	-19.9	ENE	9.6						
	09	741.8	-17.0	ENE	10.0	10	02	0.3	0 7 X	C	10Ac
	12	743.3	-14.9	NE	10.2						
	15	744.5	-13.9	NE	10.0	9	03	2.0	0 7 1	D	8Ac, 1Ci
	18	745.2	-14.6	ENE	8.5						
	21	746.2	-15.8	ENE	8.1	10		10.0	0 7 X	D	10Ac
	24	746.5	-16.0	E	8.0						
FEB. 12	03	746.2	-17.3	E	8.5						
	06	745.2	-17.1	E	10.5						
	09	744.5	-16.6	E	10.9	10	02	0.8	0 7 X	D	10Ac
	12	744.0	-15.1	E	11.2						
	15	742.8	-15.1	E	11.8	10	02	0.6	0 7 X	D	10Ac
	18	741.2	-18.0	E	10.0						
	21	740.6	-21.0	E	10.5	10	02	1.5	0 7 X	E	10Ac
	24	739.8	-24.2	E	11.8						
FEB. 13	03	736.8	-25.8	E	11.3						
	06	735.9	-25.1	E	12.0						
	09	733.8	-22.6	E	11.9						
	12	732.5	-19.8	E	11.0						
	15	732.0	-19.1	E	9.5	1		20.0	0 3 0	E	1Ac
	18	731.6	-21.6	E	7.5						
	21	732.2	-26.2	E	7.8						
	24	732.6	-28.9	E	9.6						
FEB. 14	03	733.3	-29.9	ENE	9.2						
	06	734.0	-28.9	ENE	8.7						
	09	735.5	-24.5	ENE	7.4	7	02	10.0	0 0 6	E	7Cs
	12	737.0	-19.6	NE	4.6						
	15	738.2	-17.0	NNE	3.0	10	03	10.0	0 7 X	-	10Ac
	18	738.2	-16.5	NE	3.8						
	21	738.5	-23.2	ENE	6.5	2	02	10.0	0 3 0	-	2Ac
	24	738.6	-26.5	E	7.0						
FEB. 15	03	738.3	-26.7	E	7.8						
	06	737.6	-27.0	E	10.0						
	09	736.3	-24.0	E	11.3	10		0.3	0 7 X	D	10Ac
	12	735.7	-20.6	E	11.2						
	15	735.6	-18.5	ENE	9.3	10	71	0.3	0 7 X	C	10Ac
	18	735.1	-18.4	ENE	8.2						
	21	735.0	-23.0	E	8.6						
	24	735.0	-26.1	E	9.0						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
FEB. 16	03	734.7	-28.4	E	9.7						
	06	734.5	-29.4	E	10.5						
	09	734.0	-27.0	E	10.1						
	12	733.8	-22.9	E	9.5						
	15	733.5	-20.0	E	9.6	2		20.0	0 3 0	E	2Ac
	18	733.4	-21.0	ESE	7.7						
	21	733.2	-26.0	ESE	8.7						
	24	733.2	-29.9	E	9.5						
FEB. 17	03	733.4	-31.6	ENE	9.2						
	06	733.0	-31.4	E	9.8						
	09	732.6	-28.9	E	9.6						
	12	732.6	-24.6	E	9.0						
	15	732.4	-24.4	E	8.3	0		20.0	0 0 0	E	
	18	732.2	-22.6	E	7.2						
	21	731.4	-26.9	E	7.1						
	24	731.0	-30.9	E	8.1						
FEB. 18	03	730.4	-32.9	E	8.5						
	06	729.8	-33.5	E	9.3						
	09	729.4	-30.0	E	9.0						
	12	729.1	-24.8	E	7.7						
	15	729.2	-22.0	E	6.6	10		20.0	0 7 X	E	10Ac
	18	729.3	-22.2	E	6.5						
	21	729.2	-26.0	E	8.2						
	24	730.0	-31.0	E	10.2						
FEB. 19	03	730.5	-33.0	E	11.0						
	06	731.0	-33.3	E	11.2						
	09	732.5	-26.7	E	11.0						
	12	732.5	-25.6	E	9.9						
	15	733.1	-23.4	E	9.3	2		20.0	0 3 0	E	2Ac
	18	733.5	-24.2	ENE	8.7						
	21	733.6	-26.9	ENE	8.6						
	24	733.7	-28.5	ENE	8.8						
FEB. 20	03	733.6	-29.3	ENE	10.0						
	06	733.5	-29.5	ENE	10.2						
	09	732.9	-28.0	ENE	10.4						
	12	732.5	-24.1	ENE	11.0						
	15	732.1	-23.0	ENE	10.9	9		2.0	0 1 X	D	9As
	18	731.5	-22.5	ENE	8.6						
	21	731.3	-23.7	E	10.2						
	24	731.4	-26.9	ENE	8.6						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
FEB. 21	03	730.5	-27.5	E	9.5						
	06	729.6	-28.0	E	12.8						
	09	729.3	-25.0	E	13.2	10		0.1	0 1 X	A	10As
	12	729.9	-22.1	E	13.5						
	15	729.9	-20.9	E	12.1	10	38	0.5	0 1 X	B	10As
	18	729.5	-21.8	E	10.6						
	21	730.5	-23.5	E	11.0	10		0.5	0 7 X	B	10As
	24	731.5	-24.9	E	10.5						
FEB. 22	03	732.6	-25.4	ENE	10.6						
	06	733.5	-26.0	E	9.8						
	09	734.5	-25.0	E	9.2	10		0.4	0 3 X	B	10Ac
	12	735.5	-25.6	ENE	9.0						
	15	736.2	-19.2	ENE	7.9	10	01	10.0	0 7 X	-	10Ac
	18	737.0	-19.4	ENE	6.2						
	21	737.5	-22.5	ENE	7.2	10		2.0	0 3 X	E	10Ac
	24	738.2	-25.2	ENE	7.0						
FEB. 23	03	738.5	-30.8	ENE	7.2						
	06	738.5	-32.4	E	7.8						
	09	738.1	-29.8	E	8.5	1	02	10.0	0 3 1	E	0+Ac, 1-Ci
	12	737.7	-25.7	E	7.5						
	15	737.0	-23.5	E	7.0	1	02	20.0	0 0 1	-	1Ci
	18	735.6	-25.8	ESE	7.0						
	21	734.6	-30.4	ESE	8.9	0+	02	20.0	0 1 0	E	1Ac
	24	734.6	-32.8	E	9.5						
FEB. 24	03	732.5	-34.8	ENE	9.8						
	06	731.4	-35.8	E	10.0						
	09	731.5	-32.8	E	10.2						
	12	729.7	-29.3	E	8.5						
	15	729.3	-27.1	E	9.0	0		20.0	0 0 0	E	
	18	728.7	-29.0	E	7.8						
	21	729.0	-32.7	E	7.8						
	24	729.5	-36.1	E	8.0						
FEB. 25	03	730.0	-38.9	E	7.9						
	06	730.6	-38.9	E	7.5						
	09	731.2	-35.1	E	7.0						
	12	732.1	-30.0	E	5.5						
	15	733.0	-27.2	ENE	4.5	5		20.0	0 0 5	-	5Cs
	18	733.5	-28.5	ENE	4.1						
	21	734.1	-34.0	ENE	4.8						
	24	735.4	-35.0	ENE	2.8						

FEBRUARY 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
FEB. 26	03	735.5	-34.6	E	5.5						
	06	736.0	-37.8	E	6.4						
	09	736.3	-35.3	E	7.4	1		10.0	0 0 1	E	1Ci
	12	736.2	-32.5	E	6.0						
	15	736.2	-30.2	E	6.5	1		20.0	0 0 1	-	1Ci
	18	735.6	-31.8	E	7.2						
	21	735.7	-36.0	E	8.9	3		10.0	0 0 5	E	4Cs, 1Ci
	24	735.4	-37.8	E	10.2						
FEB. 27	03	735.0	-36.6	E	11.1						
	06	734.5	-36.0	E	11.0						
	09	734.1	-32.0	E	9.8						
	12	733.7	-29.0	E	9.2						
	15	733.5	-27.0	E	8.9	4		10.0	0 3 1	E	1Ci, 3Ac
	18	732.5	-30.7	E	8.7						
	21	731.5	-35.0	E	10.0						
	24	730.8	-38.0	E	10.5						
FEB. 28	03	730.2	-39.1	E	12.0						
	06	729.5	-39.9	E	12.2						
	09	729.0	-36.3	E	12.0	0		0.4	0 0 0	B	
	12	728.9	-32.2	E	12.1						
	15	728.9	-30.0	E	10.5	0	38	0.6	0 0 0	D	
	18	728.9	-31.2	E	10.9						
	21	729.0	-34.6	E	11.0	1		0.6	0 3 0	D	1Ac
	24	729.1	-35.5	E	11.2						

MARCH 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
MAR. 1	03	729.6	-36.5	E	11.2						
	06	729.6	-37.7	E	11.8						
	09	729.6	-34.8	E	11.5	0		0.4	0 0 0	B	
	12	730.0	-30.2	E	11.0						
	15	729.7	-29.1	E	10.0	0		2.0	0 0 0	C	
	18	729.0	-29.0	E	11.6						
	21	728.2	-31.6	E	12.0						
	24	728.1	-37.7	E	12.4						
MAR. 2	03	727.5	-36.2	E	12.0						
	06	727.7	-35.4	E	12.0						
	09	728.6	-31.5	E	12.0	10		0.1	0 7 X	A	10Ac
	12	729.3	-28.7	E	12.0						
	15	729.8	-28.6	E	11.0	7	37	0.5	0 0 5	C	5Cs
	18	730.2	-32.0	E	11.7						
	21	730.3	-34.9	E	12.8	3		0.5	0 0 5	C	3Cs
	24	730.6	-36.2	E	13.5						
MAR. 3	03	730.2	-37.5	E	14.3						
	06	730.0	-37.3	E	14.0						
	09	730.2	-34.0	E	13.3	3		0.1	0 0 1	A	3Ci
	12	730.6	-33.0	E	13.5						
	15	731.2	-28.8	E	12.2	6		0.5	0 3 1	C	1Ac, 5Ci
	18	732.0	-31.7	E	12.2						
	21	733.2	-32.0	E	11.5	6		0.6	0 0 6	D	6Cs
	24	735.0	-32.8	E	12.0						
MAR. 4	03	735.9	-30.5	ENE	12.2						
	06	736.2	-27.3	ENE	12.0						
	09	737.7	-24.8	ENE	11.0	5		0.4	0 0 2	B	4Cs, 1Ci
	12	739.1	-20.5	ENE	9.3						
	15	739.9	-20.4	ENE	8.2	6	02	1.0	0 7 2	D	3Cs
	18	741.3	-22.9	E	8.2						
	21	743.0	-26.5	E	8.7						
	24	744.1	-24.8	E	8.8						
MAR. 5	03	744.8	-27.1	E	9.5						
	06	745.0	-28.0	E	8.9						
	09	745.8	-26.2	E	9.2	7		10.0	0 0 6	E	
	12	745.9	-25.1	E	9.8						
	15	745.4	-23.3	E	9.4	8		10.0	0 0 6	E	
	18	745.2	-26.7	E	10.7						
	21	745.1	-29.0	E	12.1						
	24	745.2	-31.1	E	12.1						

MARCH 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
MAR. 6	03	744.9	-32.8	E	12.4						
	06	744.1	-33.2	E	12.4						
	09	743.5	-30.2	E	13.0	2		0.8	0 0 1	D	2Ci
	12	742.8	-27.2	E	11.8						
	15	741.2	-27.0	E	13.1	1		1.0	0 0 1	D	1Ci
	18	739.8	-28.7	E	13.5						
	21	738.9	-31.2	E	14.2						
	24	737.7	-33.0	E	15.3						
MAR. 7	03	736.8	-35.1	E	14.6						
	06	736.0	-34.3	E	15.1						
	09	735.5	-32.1	E	15.0	2		0.2	0 0 5	A	2Cs
	12	734.9	-28.9	E	14.0						
	15	734.8	-27.7	E	12.0	2	02	1.0	0 2 0	D	2As
	18	734.7	-27.5	E	10.6						
	21	735.6	-29.5	E	10.5						
	24	734.5	-35.1	E	9.9						
MAR. 8	03	734.9	-35.9	E	9.0						
	06	734.9	-37.2	E	8.2						
	09	735.2	-34.6	E	7.1	5		20.0	0 0 8	-	5Cs
	12	736.0	-30.1	ENE	5.2						
	15	736.4	-27.7	NNW	3.1	7	40	10.0	7 7 0	-	
	18	737.5	-26.9	SW	1.4						
	21	737.8	-27.3	WSW	0.8	10		0.05	7 X X	-	
	24	738.0	-31.0	E	3.2						
MAR. 9	03	738.0	-34.3	E	4.5						
	06	737.0	-40.9	E	5.0						
	09	736.0	-38.3	E	5.8	1		20.0	0 7 1	E	0+Ac, 0+Ci
	12	735.3	-34.0	E	9.0						
	15	735.1	-33.0	E	8.7	1		20.0	0 1 0	E	0+Ac
	18	735.3	-35.5	E	9.6						
	21	735.3	-38.9	E	10.3						
	24	735.0	-40.2	E	11.1						
MAR. 10	03	734.5	-40.7	E	10.8						
	06	733.5	-39.8	E	11.2						
	09	732.9	-35.9	E	10.5	0		0.6	0 0 0	D	
	12	732.2	-31.3	ENE	9.6						
	15	731.6	-30.0	ENE	8.8	0		20.0	0 0 0	E	
	18	730.7	-32.7	ENE	9.1						
	21	729.9	-36.9	E	9.2						
	24	729.0	-39.4	E	11.0						



MARCH 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
MAR. 11	03	728.5	-40.8	E	12.5						
	06	727.5	-41.2	E	14.3						
	09	726.9	-37.7	E	15.3	0		0.1	0 0 0	A	
	12	726.8	-33.5	E	16.0						
	15	727.0	-33.2	E	16.5	0	39	0.05	0 0 0	A	
	18	727.0	-35.4	E	17.5						
	21	727.7	-37.5	E	18.0						
	24	728.3	-38.2	E	16.6						
MAR. 12	03	729.2	-37.2	E	14.8						
	06	729.6	-37.5	E	15.5						
	09	730.1	-36.4	ENE	14.8	0		0.05	0 0 0	A	
	12	731.2	-36.7	ENE	12.5						
	15	732.0	-28.6	ENE	12.0	0	39	0.1	0 0 0	A	
	18	733.1	-27.8	ENE	11.0						
	21	734.3	-27.5	ENE	11.2						
	24	735.8	-28.9	ENE	10.0						
MAR. 13	03	736.1	-28.9	ENE	10.8						
	06	736.6	-31.0	ENE	11.1						
	09	736.9	-29.5	ENE	11.4	8		0.6	0 3 0	D	8Ac
	12	737.6	-25.5	ENE	11.0						
	15	737.5	-24.0	ENE	10.4	10	70	0.1	0 1 X	A	10As
	18	737.0	-25.6	ENE	12.3						
	21	737.0	-25.6	ENE	13.5						
	24	737.1	-26.0	ENE	12.8						
MAR. 14	03	736.7	-26.0	ENE	12.5						
	06	735.5	-27.1	E	11.8						
	09	735.1	-26.5	E	12.8	10		0.5	0 1 X	B	10Ac
	12	734.9	-25.0	E	12.2						
	15	734.1	-24.7	E	12.1	9	01	0.6	0 2 7	D	2As, 7Cs
	18	733.3	-28.3	E	11.8						
	21	732.9	-30.5	E	12.0						
	24	732.0	-30.8	E	10.9						
MAR. 15	03	731.2	-33.7	E	11.8						
	06	730.1	-34.9	E	12.4						
	09	729.5	-33.2	E	11.3	2		10.0	0 3 0	E	2Ac
	12	728.2	-30.1	E	11.0						
	15	727.6	-29.3	E	10.7	2		10.0	0 3 0	E	2Ac
	18	726.1	-32.0	E	10.5						
	21	725.7	-34.9	E	10.0						
	24	724.9	-37.0	E	10.0						

MARCH 1983

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
MAR. 16	03	724.0	-36.0	E	9.0						
	06	722.9	-38.9	E	10.0						
	09	722.0	-38.0	E	11.5	0+		10.0	0 3 0	E	0+Ac
	12	721.8	-34.4	E	11.2						
	15	721.6	-33.9	E	11.0	0+		10.0	0 3 0	E	0+Ac
	18	721.1	-36.7	E	11.1						
	21	721.0	-39.5	E	11.5						
	24	721.0	-40.5	E	12.3						
MAR. 17	03	721.0	-41.0	E	11.4						
	06	720.7	-41.8	E	12.0						
	09	721.1	-39.4	E	11.7	0		1.5	0 0 0	D	
	12	721.3	-36.6	E	11.8						
	15	721.9	-35.2	E	10.5	0		2.0	0 0 0	E	
	18	722.5	-38.0	E	10.2						
	21	723.5	-40.9	E	11.6						
	24	724.5	-41.8	E	11.5						
MAR. 18	03	725.4	-42.1	E	11.5						
	06	726.4	-42.3	E	11.1						
	09	727.7	-39.0	E	11.5	3		1.0	0 0 1	D	3Ci
	12	728.6	-35.0	ENE	11.2						
	15	729.5	-33.1	ENE	10.8	2		10.0	0 3 1	E	0+Ci, 1Ac
	18	730.2	-35.3	ENE	11.1						
	21	731.1	-36.3	ENE	12.2						
	24	732.0	-35.5	ENE	12.6						
MAR. 19	03	732.3	-34.8	ENE	12.2						
	06	732.2	-35.9	ENE	11.5						
	09	732.5	-33.6	ENE	11.9	4		0.8	0 3 1	D	
	12	732.1	-30.8	ENE	11.5						
	15	731.8	-29.7	ENE	10.8	4		10.0	0 3 1	E	
	18	731.5	-32.2	ENE	11.3						
	21	731.6	-34.4	ENE	12.0						
	24	731.4	-35.7	E	12.0						
MAR. 20	03	731.0	-35.8	E	12.2						
	06	730.5	-36.0	E	12.2						
	09	730.0	-34.0	E	12.7	5		1.5	0 0 8	D	5Cs
	12	729.7	-29.7	E	12.5						
	15	729.7	-28.5	E	12.5	5	02	1.5	0 0 8	D	5Cs
	18	729.8	-29.9	E	11.5						
	21	730.1	-31.6	E	11.1						
	24	730.1	-32.0	ENE	11.0						

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MARCH 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
MAR. 21	03	730.1	-32.0	ENE	10.3						
	06	730.2	-31.3	ENE	10.0						
	09	730.2	-30.2	ENE	10.8	6		2.0	6 5 1	D	1St, 5Cs, 1Ci
	12	730.5	-28.0	ENE	9.5						
	15	730.8	-26.4	ENE	7.0	10	71	1.5	0 2 7	E	5Ns, 5Cs
	18	730.7	-28.8	NE	5.4						
	21	730.8	-30.4	NE	6.4						
	24	730.9	-33.7	NE	6.0						
MAR. 22	03	730.8	-32.4	NE	5.4						
	06	730.5	-34.8	NE	6.2						
	09	730.8	-31.5	ENE	5.8	10		0.6	6 2 X	-	8Ac
	12	730.8	-27.3	NE	5.0						
	15	731.0	-25.9	NE	4.6	10	45	0.5	0 2 X	-	8Ac
	18	731.0	-26.8	NE	3.5						
	21	731.0	-27.0	ENE	2.8						
	24	731.2	-25.3	ENE	1.7						
MAR. 23	03	731.6	-27.0	NE	1.1						
	06	731.5	-28.5	NE	2.1						
	09	731.9	-29.0	NE	3.0	10		2.0	0 2 X	-	
	12	731.8	-25.2	ENE	2.5						
	15	731.7	-25.4	NNE	4.1	9	03	20.0	0 2 X	-	
	18	732.0	-25.0	NNW	2.0						
	21	732.0	-24.5	WNW	3.3						
	24	732.6	-25.7	NW	3.3						
MAR. 24	03	732.7	-26.0	W	3.5						
	06	733.0	-27.2	WNW	1.5						
	09	732.9	-29.1	E	2.5	10		0.5	6 1 X	-	
	12	735.0	-32.0	E	3.9						
	15	735.6	-35.6	E	6.8	0+	02	20.0	0 3 0	-	0+Ac
	18	736.0	-39.5	E	8.3						
	21	736.6	-41.0	E	8.5						
	24	736.9	-41.0	E	8.5						
MAR. 25	03	737.0	-43.0	E	7.1						
	06	737.0	-35.8	E	5.0						
	09	736.8	-34.8	E	5.5	10		0.6	6 2 X	-	
	12	736.4	-39.1	E	5.8						
	15	735.0	-38.9	E	8.7	0+	02	20.0	0 3 0	-	0+Ac
	18	733.5	-41.0	E	9.4						
	21	732.6	-43.0	E	11.3						
	24	731.9	-44.0	E	13.0						

MARCH 1983

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
MAR. 26	03	730.6	-44.9	E	14.2						
	06	729.7	-45.0	E	15.2						
	09	728.4	-43.3	E	16.4	10		0.05	X X X	A	
	12	727.6	-39.2	E	13.2						
	15	726.4	-39.0	E	14.0	10	39	0.1	X X O	A	
	18	725.1	-40.4	ESE	13.7						
	21	724.0	-43.0	E	13.5						
	24	723.1	-45.0	E	14.5						
MAR. 27	03	722.9	-44.5	E	14.4						
	06	722.2	-44.5	E	12.9						
	09	722.0	-42.9	E	13.0						
	12	722.0	-38.8	E	12.2						
	15	722.0	-37.8	E	10.2	0	36	1.0	0 0 0	D	
	18	721.7	-41.1	ENE	9.8						
	21	721.9	-42.5	ENE	9.5						
	24	722.2	-38.8	E	10.1						
MAR. 28	03	722.8	-37.6	ENE	9.5						
	06	723.5	-36.7	ENE	9.2						
	09	724.8	-37.0	E	10.3	8		0.2	6 3 6	D	0+St, 2Ac, 5Cs
	12	726.2	-31.0	E	9.6	10		0.1		D	
	15	727.5	-30.4	ENE	9.4	7	70	0.5	7 0 6	E	4Ns, 3Cs
	18	728.8	-27.5	ENE	7.6						
	21	730.2	-26.7	NE	7.5						
	24	731.7	-25.9	NE	6.5						
MAR. 29	03	732.9	-25.5	NNE	6.2						
	06	733.5	-28.8	NE	6.3						
	09	734.0	-27.8	NE	5.6	9		1.5	0 1 2	-	8As, 2Ci
	12	734.7	-28.0	ENE	4.1						
	15	734.0	-29.5	E	5.0	7	41	1.0	6 0 1	-	5St, 2Ci
	18	734.1	-35.0	E	7.5						
	21	733.6	-33.5	E	7.0						
	24	731.7	-36.1	E	8.1						
MAR. 30	03	732.2	-33.0	ENE	6.8						
	06	731.1	-34.0	E	7.5						
	09	730.1	-34.0	E	8.5	9		0.8	0 7 X	D	
	12	729.5	-32.2	E	8.5						
	15	728.5	-31.0	E	9.2	10	03	0.8	0 7 X	D	
	18	727.4	-30.0	E	9.5						
	21	727.3	-32.2	E	12.2						
	24	727.0	-32.9	E	12.7						

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MARCH 1983

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
MAR. 31	03	727.7	-32.6	E	13.0						
	06	728.0	-31.5	E	13.2						
	09	729.7	-28.2	ENE	13.2	10		0.15	0 1 X	A	
	12	731.5	-25.1	ENE	13.1						
	15	733.6	-22.6	NE	11.9	10	39	0.20	0 2 X	A	
	18	735.5	-23.5	NE	11.2						
	21	737.3	-25.2	NE	9.5						
	24	738.4	-29.8	ENE	10.0						

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APRIL 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
APR. 1	03	739.3	-30.0	ENE	10.0						
	06	739.7	-29.6	E	10.1						
	09	740.0	-31.2	E	11.2	10		0.5	0 1 X	B	10As
	12	739.8	-29.5	E	10.3						
	15	738.8	-30.6	E	10.2	3	01	2.0	0 2 1	D	1As, 2Ci
	18	738.0	-34.4	E	11.6						
	21	737.0	-37.0	E	11.5						
	24	735.0	-38.1	E	10.6						
APR. 2	03	733.5	-40.6	E	10.2						
	06	731.7	-42.4	E	10.2						
	09	729.7	-41.3	E	12.2	0+		0.2	0 0 1	C	0+Ci
	12	728.5	-37.7	E	11.5						
	15	727.9	-36.2	E	11.4	0+	02	0.2	0 0 1	C	0+Ci
	18	727.5	-38.2	ENE	11.1						
	21	727.8	-37.2	ENE	11.5						
	24	728.0	-36.3	ENE	9.5						
APR. 3	03	728.8	-35.1	ENE	8.0						
	06	729.1	-35.5	ENE	9.2						
	09	730.0	-34.4	E	9.1	1		1.5	0 0 1	D	1Ci
	12	730.1	-30.2	E	7.5						
	15	730.0	-29.0	E	7.0	8	03	20.0	0 3 0	-	8Ac
	18	729.0	-30.2	E	9.6						
	21	726.4	-35.1	E	12.8						
	24	723.2	-39.4	E	14.0						
APR. 4	03	720.2	-38.9	E	14.5						
	06	718.2	-38.0	E	15.5						
	09	716.9	-37.0	E	15.5	3		0.1	0 0 1	A	3Ci
	12	716.4	-34.1	E	13.5						
	15	716.7	-34.7	E	14.0	3	39	0.2	0 0 1	A	3Ci
	18	718.0	-36.7	E	12.8						
	21	719.8	-37.6	E	13.5						
	24	721.6	-38.0	ENE	13.3						
APR. 5	03	723.8	-37.8	E	11.7						
	06	725.4	-37.9	ENE	11.0						
	09	727.5	-35.4	ENE	10.4	3		0.25	6 0 1	C	2St, 1Ci
	12	729.1	-30.8	ENE	11.1						
	15	730.7	-29.3	ENE	10.0	3	02	0.15	6 0 1	A	3St, 0+Ch
	18	731.6	-30.2	ENE	10.5						
	21	732.3	-29.1	ENE	10.0						
	24	732.6	-29.3	ENE	12.0						

APRIL 1983

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
APR. 6	03	732.1	-31.0	ENE	12.0						
	06	731.3	-34.0	E	13.3						
	09	730.3	-34.0	E	14.1	0		0.3	0 0 0	B	
	12	728.9	-31.8	E	11.7						
	15	727.0	-32.9	E	10.2	0	02	1.5	0 0 0	D	
	18	725.1	-34.0	E	12.5						
	21	723.8	-35.1	E	13.9						
	24	722.2	-35.1	E	14.1						
APR. 7	03	721.0	-36.0	E	14.2						
	06	720.0	-36.8	E	14.8						
	09	719.5	-38.0	E	16.0	0		0.05	X X 0	A	
	12	719.7	-35.0	E	16.5						
	15	720.6	-33.5	E	16.4	0	39	0.05	X X 0	A	
	18	721.8	-34.5	E	13.8						
	21	723.0	-33.3	E	12.1						
	24	723.9	-32.8	E	12.1						
APR. 8	03	724.1	-32.9	E	11.2						
	06	725.0	-32.7	E	13.0						
	09	726.2	-31.5	ENE	13.5	0		0.15	0 0 0	A	
	12	728.0	-27.9	ENE	12.6						
	15	729.7	-25.4	ENE	12.3	3	37	0.25	0 0 5	B	
	18	730.8	-25.0	ENE	12.5						
	21	730.0	-24.0	ENE	20.0						
	24	732.3	-24.0	ENE	16.5						
APR. 9	03	732.1	-24.4	E	20.0						
	06	731.6	-23.0	E	21.6						
	09	733.0	-24.2	ENE	21.9	10		0.01	X X X	A	
	12	734.8	-25.2	ENE	19.3						
	15	735.2	-24.8	ENE	16.4	4	39	0.05	0 0 5	A	
	18	734.1	-23.0	E	16.9						
	21	735.0	-21.0	E	18.3						
	24	735.1	-20.1	E	19.0						
APR. 10	03	736.3	-19.6	E	11.8						
	06	736.0	-19.5	E	21.2						
	09	737.2	-19.7	E	19.5	10		0.02	X X X	A	
	12	737.0	-21.7	E	19.5						
	15	737.0	-21.4	E	20.5	10	39	0.01	X X X	A	
	18	737.2	-22.3	E	17.5						
	21	737.0	-25.0	E	17.8						
	24	736.8	-26.1	E	17.7						

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APRIL 1983

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
APR. 11	03	736.2	-29.0	E	13.0						
	06	734.2	-30.1	E	15.5						
	09	732.7	-31.7	E	14.7	0		0.1	0 0 0	A	
	12	729.7	-31.0	ENE	19.2						
	15	729.5	-31.6	ENE	15.5	0	39	0.05	0 0 0	A	
	18	728.2	-34.0	ENE	15.5						
	21	728.5	-36.2	ENE	15.0						
	24	727.2	-37.1	E	14.3						
APR. 12	03	726.9	-37.9	E	14.7						
	06	726.5	-38.5	E	13.2						
	09	726.1	-38.9	ENE	12.9						
	12	726.0	-37.5	ENE	14.0						
	15	726.8	-37.9	ENE	12.6	0	37	0.1	0 0 0	A	
	18	727.0	-40.2	ENE	13.6						
	21	727.8	-41.8	ENE	13.2						
	24	728.1	-42.6	ENE	13.5						
APR. 13	03	728.2	-43.0	E	13.8						
	06	727.5	-43.4	E	14.0						
	09	727.0	-43.3	E	14.8	0		0.1	0 0 0	A	
	12	726.4	-41.8	E	14.5						
	15	725.1	-42.8	E	15.1	0	39	0.1	0 0 0	A	
	18	723.6	-45.1	E	15.7						
	21	721.2	-45.8	E	16.0						
	24	719.0	-45.8	E	16.8						
APR. 14	03	717.2	-45.4	E	21.0						
	06	716.0	-45.2	ENE	15.0						
	09	714.2	-45.0	ENE	15.0	0		0.1	0 0 0	A	
	12	714.0	-43.1	ENE	14.0						
	15	714.1	-41.8	ENE	13.0	0	37	0.6	0 0 0	B	
	18	715.2	-41.9	ENE	11.9						
	21	717.2	-41.8	ENE	12.5						
	24	719.0	-40.8	ENE	12.6						
APR. 15	03	722.2	-41.0	ENE	14.8						
	06	724.9	-40.5	ENE	11.1						
	09	727.1	-39.8	ENE	10.5	0		0.8	0 0 0	C	
	12	729.9	-38.1	ENE	10.5						
	15	732.0	-38.9	ENE	10.3	1	36	2.0	0 0 1	D	1Ci
	18	733.5	-39.9	ENE	10.3						
	21	734.9	-39.9	ENE	11.0						
	24	736.0	-38.3	ENE	11.0						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
APR. 16	03	737.0	-38.0	E	10.0						
	06	737.7	-37.0	E	10.2						
	09	737.9	-38.0	E	10.5	8		1.0	0 3 0	D	8Ac
	12	737.5	-38.0	E	9.5						
	15	736.1	-40.9	E	9.6	1	02	0.6	0 0 8	D	1Cs
	18	734.4	-42.0	E	10.5						
	21	734.0	-43.3	E	11.0						
	24	732.8	-42.9	ESE	12.7						
APR. 17	03	731.4	-44.0	E	12.8						
	06	729.9	-43.5	E	14.0						
	09	728.5	-43.0	E	13.8	1		0.5	0 0 1	C	1Ci
	12	728.0	-41.9	E	14.0						
	15	725.9	-42.0	E	14.5	0	38	0.2	0 0 0	C	
	18	724.6	-42.4	E	16.0						
	21	724.0	-41.8	E	14.3						
	24	724.0	-41.0	E	14.8						
APR. 18	03	724.0	-41.5	E	13.5						
	06	723.8	-41.5	E	15.0						
	09	724.7	-40.6	E	15.0	0		0.1	0 0 0	A	
	12	725.3	-39.2	E	14.0						
	15	726.2	-39.7	E	13.5	0	39	0.1	0 0 0	A	
	18	726.8	-40.8	E	14.8						
	21	727.0	-41.2	E	15.0						
	24	726.8	-41.2	E	15.8						
APR. 19	03	726.0	-40.8	E	16.3						
	06	724.6	-39.5	E	16.2						
	09	724.0	-38.1	E	16.8	3		0.07	0 0 2	A	3Ci
	12	724.0	-38.2	E	16.0						
	15	724.0	-33.1	E	14.8	10	39	0.1	X X X	A	
	18	723.7	-33.4	E	17.2						
	21	724.3	-33.5	E	16.5						
	24	725.0	-33.9	E	15.3						
APR. 20	03	725.0	-34.4	E	16.0						
	06	725.5	-33.8	E	16.0						
	09	726.0	-35.0	E	14.8	0		0.05	0 0 0	A	
	12	726.0	-35.5	E	15.0						
	15	725.8	-36.7	E	14.1	10	37	0.2	X X X	B	
	18	726.0	-38.2	E	13.5						
	21	725.2	-39.1	E	14.7						
	24	724.3	-39.5	E	15.3						

APRIL 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
APR. 21	03	723.2	-39.9	E	13.9						
	06	723.0	-39.2	E	14.4						
	09	723.0	-39.2	E	14.0	1		0.6	0 0 1	B	1Ci
	12	722.8	-39.5	E	12.5						
	15	722.9	-40.0	E	12.5	0	37	0.6	0 0 0	D	
	18	723.0	-41.2	E	12.6						
	21	723.9	-42.3	E	13.0						
24	724.9	-42.1	E	12.5							
APR. 22	03	726.0	-42.9	E	9.8						
	06	726.6	-43.2	E	10.0						
	09	726.8	-42.1	E	10.5	3		10.0	0 3 0	D	3Ac
	12	726.9	-42.0	E	10.0						
	15	727.5	-41.1	E	9.6	5	02	20.0	5 3 2	E	2Sc, 2Ac, 1Ci
	18	728.2	-41.1	E	9.5						
	21	729.0	-42.2	E	10.0						
24	729.1	-43.0	E	9.0							
APR. 23	03	730.5	-43.5	E	8.9						
	06	730.9	-42.9	E	7.5						
	09	731.5	-42.0	E	7.8	4		20.0	0 3 0	E	4Ac
	12	732.8	-37.0	ENE	6.0						
	15	734.2	-34.2	ESE	4.8	10	22	20.0	0 7 X	-	8Ac, 2Ac
	18	735.2	-31.0	NE	0.0						
	21	736.3	-32.0	NNE	2.0						
24	738.6	-41.7	ESE	5.0							
APR. 24	03	740.4	-44.6	E	8.7						
	06	742.1	-47.0	E	9.5						
	09	744.0	-48.2	E	10.0						
	12	745.0	-46.2	E	10.8						
	15	746.0	-42.2	E	11.5	10	37	0.1	0 2 X	A	10As
	18	746.3	-36.7	E	9.5						
	21	746.5	-34.5	E	9.5						
24	746.1	-34.0	E	10.8							
APR. 25	03	745.0	-32.2	E	12.8						
	06	743.5	-30.1	E	15.8						
	09	741.2	-29.3	E	16.5	10		0.03	0 5 7	A	4Ac, 6Cs
	12	739.8	-28.1	E	16.8						
	15	738.2	-27.0	E	17.8	10	39	0.02	0 2 X	A	10As
	18	737.7	-26.6	ENE	15.2						
	21	738.1	-27.1	ENE	12.5						
24	738.9	-28.5	ENE	9.8							

APRIL 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
APR. 26	03	739.0	-31.6	ENE	9.5						
	06	738.1	-32.5	ENE	9.0						
	09	737.5	-32.0	E	11.0	4		0.6	0 0 5	D	4Cs
	12	736.7	-36.0	E	12.8						
	15	735.1	-37.2	E	14.0	3	39	0.1	0 3 0	C	3Ac
	18	733.5	-38.6	E	14.4						
	21	732.8	-38.7	E	14.0						
24	732.8	-39.1	E	12.5							
APR. 27	03	732.7	-40.2	E	13.5						
	06	732.4	-40.6	E	14.5						
	09	733.1	-41.1	E	13.0	0		0.15	0 0 0	C	
	12	733.2	-41.0	E	13.5						
	15	733.2	-41.9	E	13.4	0	39	0.05	0 0 0	C	
	18	733.0	-42.0	E	13.8						
	21	733.0	-42.4	E	14.0						
24	732.7	-41.9	E	14.3							
APR. 28	03	731.7	-42.0	E	13.6						
	06	730.0	-41.8	E	14.8						
	09	729.0	-40.5	E	15.0	2		0.1	0 0 1	A	2Ci
	12	728.9	-40.0	E	14.0						
	15	728.0	-40.0	E	15.0	0	38	0.05	0 0 0	A	
	18	728.0	-42.0	E	15.2						
	21	728.5	-42.5	E	15.0						
24	729.5	-42.9	E	15.5							
APR. 29	03	731.2	-42.9	E	14.0						
	06	732.3	-44.5	E	14.6						
	09	734.1	-44.0	E	14.5	0		0.1	0 0 0	A	
	12	735.6	-44.5	E	13.8						
	15	736.7	-45.0	E	12.9	0	39	0.1	0 0 0	A	
	18	737.2	-45.2	E	13.2						
	21	737.2	-45.2	E	13.5						
24	737.0	-46.0	E	15.0							
APR. 30	03	735.7	-44.0	E	13.9						
	06	734.0	-41.2	E	14.0						
	09	731.5	-38.6	ENE	14.3						
	12	729.5	-34.8	E	14.5						
	15	727.8	-33.0	E	15.0	10	39	0.1	0 3 X	A	10-Ac
	18	726.7	-32.2	E	14.2						
	21	727.0	-32.2	E	14.5						
24	727.0	-32.1	E	14.5							

MAY 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
MAY 1	03	727.3	-30.9	ENE	12.4						
	06	728.1	-29.7	ENE	13.8						
	09	729.7	-29.1	ENE	13.8						
	12	731.7	-29.1	ENE	13.0						
	15	733.2	-28.9	ENE	11.8	10	39	0.2	5 X X	A	10Sc
	18	734.9	-31.4	ENE	10.5						
	21	736.2	-31.6	ENE	10.1						
	24	737.5	-30.9	ENE	9.9						
MAY 2	03	737.9	-33.0	ENE	9.7						
	06	738.0	-36.1	E	10.0						
	09	738.1	-37.8	E	9.0	4		2.0	0 1 3	E	1Ac, 3Cs
	12	737.9	-39.1	E	11.2						
	15	738.1	-40.0	E	9.8	3	36	10.0	0 3 0	E	3Ac
	18	738.0	-42.0	E	9.9						
	21	737.9	-41.9	E	9.5						
	24	737.9	-42.9	E	10.0						
MAY 3	03	738.0	-44.0	E	9.5						
	06	737.0	-44.8	E	9.5						
	09	736.5	-44.7	E	8.5	0		20.0	0 0 0	-	
	12	735.9	-43.6	E	7.5						
	15	734.9	-44.8	E	9.0	2	36	10.0	0 3 1	E	2Ac, 0+Ci
	18	734.0	-44.2	ENE	9.5						
	21	733.2	-44.7	E	10.0						
	24	733.1	-43.0	ENE	11.0						
MAY 4	03	733.3	-43.5	E	11.8						
	06	733.2	-42.0	E	12.6						
	09	733.8	-40.9	E	13.0	3		0.2	0 0 1	C	3Ci
	12	734.9	-39.3	ENE	14.2						
	15	736.0	-38.1	E	13.8	5	39	0.1	0 0 5	C	5Cs
	18	737.1	-37.3	E	15.0						
	21	738.2	-36.8	E	14.9						
	24	739.1	-35.8	E	14.5						
MAY 5	03	740.1	-36.5	E	13.8						
	06	740.6	-36.2	E	14.2						
	09	741.0	-36.2	E	16.0						
	12	741.0	-35.0	E	16.0						
	15	740.8	-36.4	E	16.1	0	39	0.05	0 0 0	A	
	18	740.1	-35.5	E	16.1						
	21	740.0	-35.9	E	15.0						
	24	739.1	-34.0	E	15.8						

MAY 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
MAY 6	03	738.0	-34.2	E	17.0						
	06	737.7	-32.3	E	15.5						
	09	736.9	-31.9	E	14.7	1		0.05	0 0 1	A	1Ci
	12	737.0	-32.5	E	14.5						
	15	736.9	-29.5	ENE	14.0	6	39	0.1	0 0 9	A	
	18	736.7	-29.3	ENE	14.1						
	21	736.9	-28.6	E	14.5						
	24	737.2	-29.9	ENE	12.2						
MAY 7	03	738.0	-29.0	ENE	12.4						
	06	738.5	-30.6	ENE	11.0						
	09	738.8	-31.5	ENE	12.0	5		0.3	0 0 5	C	5Cs
	12	738.2	-30.0	E	11.8						
	15	738.3	-31.4	E	12.6	4	38	0.3	0 0 5	C	4Cs
	18	736.1	-32.1	E	14.5						
	21	734.1	-31.6	E	15.0						
	24	732.5	-31.6	E	11.0						
MAY 8	03	731.2	-30.2	E	16.8						
	06	730.2	-32.0	E	17.2						
	09	731.0	-32.2	E	15.8						
	12	732.9	-33.6	E	15.4						
	15	734.0	-33.1	ENE	18.9	0	39	0.05	0 0 0	A	
	18	735.6	-31.9	ENE	18.0						
	21	737.4	-32.6	ENE	14.1						
	24	738.6	-31.1	ENE	12.1						
MAY 9	03	739.0	-31.2	E	13.1						
	06	739.1	-31.3	E	13.2						
	09	738.8	-31.6	E	13.7	3		0.1	0 0 8	A	3Cs
	12	738.4	-32.9	E	13.5						
	15	737.4	-32.2	E	13.0	3	39	0.1	4 0 0	A	4Sc
	18	736.0	-34.0	E	15.2						
	21	734.6	-33.1	E	15.2						
	24	735.1	-34.0	E	13.5						
MAY 10	03	732.0	-29.0	E	13.2						
	06	730.4	-35.2	E	13.6						
	09	728.9	-34.1	E	15.0	7		0.1	0 0 8	A	7Cs
	12	728.1	-33.4	E	15.0						
	15	727.0	-33.2	ENE	14.5	9	39	0.1	0 0 7	A	9Cs
	18	726.0	-34.0	E	13.0						
	21	725.6	-35.2	E	12.2						
	24	725.0	-35.9	E	12.1						

MAY 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
MAY 11	03	724.0	-35.5	E	12.4						
	06	723.5	-38.0	E	13.0						
	09	722.9	-38.7	E	12.9	3		0.6	0 0 5	D	3Cs
	12	722.8	-38.7	E	13.2						
	15	722.8	-39.4	E	13.0	1	36	1.0	0 0 1	D	1Ci
	18	722.7	-40.1	ENE	12.2						
	21	723.8	-40.5	ENE	11.5						
	24	724.2	-40.5	ENE	11.8						
MAY 12	03	725.0	-41.0	ENE	10.6						
	06	725.6	-40.8	ENE	10.5						
	09	726.1	-41.5	ENE	10.5	8		0.5	0 3 8	D	3Ac, 5Cs
	12	726.9	-41.0	E	10.5						
	15	726.5	-42.5	E	11.4	9	39	0.1	0 3 6	A	1Ac, 8Cs
	18	726.0	-43.0	E	11.2						
	21	725.0	-44.9	E	11.5						
	24	723.3	-45.0	E	13.3						
MAY 13	03	722.0	-44.0	E	13.7						
	06	721.2	-42.9	E	13.5						
	09	721.1	-41.8	E	14.2	0		0.1	0 0 0	A	
	12	721.6	-39.1	E	14.0						
	15	721.9	-36.2	E	13.0	10	39	0.05	X X X	A	
	18	722.8	-35.3	E	13.5						
	21	723.2	-35.0	E	13.1						
	24	724.2	-36.5	E	12.8						
MAY 14	03	724.6	-37.0	E	12.5						
	06	725.1	-35.8	ENE	12.2						
	09	725.5	-37.2	ENE	11.8	2		0.5	0 0 1	D	2Ci
	12	725.6	-38.9	E	11.9						
	15	725.6	-39.5	E	10.9	1	37	0.5	0 3 0	C	1Ac
	18	725.2	-38.1	E	10.7						
	21	725.0	-37.1	E	10.0						
	24	724.5	-38.9	E	10.0						
MAY 15	03	723.9	-42.2	E	10.1						
	06	722.5	-45.6	E	10.3						
	09	721.2	-47.9	E	13.5						
	12	720.0	-48.0	E	14.0						
	15	718.9	-48.1	E	14.0	0	39	0.1	0 0 0	A	
	18	718.0	-47.9	E	15.5						
	21	717.6	-46.9	E	16.8						
	24	718.6	-46.5	E	17.1						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
MAY 16	03	719.1	-46.7	ESE	18.2						
	06	720.3	-46.9	E	18.1						
	09	721.0	-46.8	ESE	18.8	10		0.01	X X X	A	
	12	722.5	-46.8	E	18.8						
	15	723.6	-47.0	ESE	18.8	10	39	0.01	X X X	A	
	18	724.3	-46.9	ESE	18.2						
	21	726.0	-46.0	ESE	17.5						
	24	727.0	-45.4	ESE	17.5						
MAY 17	03	729.1	-46.1	ESE	14.9						
	06	730.0	-46.1	ESE	15.0						
	09	731.0	-46.4	ESE	15.0	0		0.05	0 0 0	A	
	12	731.6	-46.0	ESE	15.1						
	15	731.5	-44.5	ESE	16.1	0	39	0.05	0 0 0	A	
	18	731.6	-43.0	ESE	16.8						
	21	732.9	-43.0	E	15.1						
	24	733.0	-43.1	E	14.5						
MAY 18	03	732.5	-44.0	E	14.9						
	06	731.9	-44.5	E	15.8						
	09	731.0	-44.0	E	15.6	0		0.15	0 0 0	A	
	12	730.0	-43.8	E	15.8						
	15	728.1	-43.1	E	15.1	0	39	0.2	0 0 0	B	
	18	726.6	-44.0	E	15.8						
	21	724.6	-44.9	E	16.2						
	24	722.9	-46.0	E	16.2						
MAY 19	03	721.9	-48.0	E	14.0						
	06	721.6	-47.1	E	15.2						
	09	723.0	-46.2	ENE	14.2	0		0.1	0 0 0	A	
	12	725.0	-46.0	ENE	13.5						
	15	726.1	-45.4	ENE	14.2	0	39	0.1	0 0 0	A	
	18	727.5	-44.9	ENE	14.0						
	21	728.6	-44.9	ENE	14.1						
	24	729.0	-44.1	E	14.9						
MAY 20	03	729.0	-43.0	E	15.0						
	06	728.8	-43.1	E	15.2						
	09	728.1	-42.8	E	16.1	10		0.05	X X X	A	
	12	728.8	-41.8	E	16.9						
	15	728.6	-41.8	E	17.5	10	39	0.05	X X X	A	
	18	728.7	-41.1	E	17.2						
	21	728.5	-40.5	E	16.0						
	24	728.6	-38.2	E	16.1						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
MAY 21	03	728.0	-38.6	ESE	14.3						
	06	726.2	-39.2	ESE	15.0						
	09	725.1	-41.2	ESE	17.3	0		0.05	0 0 0	A	
	12	725.0	-40.2	ESE	17.8						
	15	725.5	-39.4	E	17.7	0	39	0.05	0 0 0	A	
	18	724.8	-39.9	E	17.8						
	21	725.1	-39.8	E	18.5						
	24	727.9	-38.9	E	17.5						
MAY 22	03	730.0	-38.5	E	17.1						
	06	731.7	-38.3	E	16.1						
	09	732.7	-38.6	E	15.8						
	12	733.8	-40.0	E	17.6						
	15	735.3	-40.1	ESE	16.9	0	39	0.05	0 0 0	A	
	18	735.6	-39.9	ESE	16.1						
	21	736.5	-39.0	ESE	16.5						
	24	737.6	-39.2	ESE	14.9						
MAY 23	03	737.9	-39.8	ESE	16.2						
	06	738.5	-39.9	ESE	15.4						
	09	738.1	-39.0	ESE	16.9	0		0.05	0 0 0	A	
	12	739.2	-38.1	ESE	15.1						
	15	739.4	-38.1	ESE	17.9	10	39	0.05	X X X	A	
	18	739.3	-37.1	ESE	18.4						
	21	740.1	-36.2	ESE	17.1						
	24	741.8	-37.0	ESE	17.6						
MAY 24	03	742.5	-37.0	ESE	17.1						
	06	743.9	-37.9	ESE	15.2						
	09	744.2	-38.1	ESE	17.5	0		0.05	0 0 0	A	
	12	745.0	-36.9	ESE	18.5						
	15	745.7	-36.0	ESE	16.8	0	39	0.05	0 0 0	A	
	18	746.0	-37.0	ESE	16.2						
	21	746.0	-37.9	ESE	16.8						
	24	746.0	-38.0	ESE	16.0						
MAY 25	03	745.9	-37.4	E	16.5						
	06	746.5	-38.0	E	16.0						
	09	748.2	-38.3	E	15.2	0		0.05	0 0 0	A	
	12	748.0	-38.0	E	14.2						
	15	747.0	-37.8	E	14.5	0	39	0.2	0 0 0	A	
	18	745.0	-38.0	E	16.0						
	21	742.9	-38.1	E	17.1						
	24	742.0	-38.3	E	17.1						



MAY 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
MAY 26	03	740.7	-38.8	E	17.9						
	06	739.5	-40.2	E	17.0						
	09	739.1	-40.8	E	18.1						
	12	740.1	-39.8	E	16.5						
	15	741.0	-41.5	E	15.6	0	39	0.1	0 0 0	A	
	18	741.4	-42.6	E	15.0						
	21	741.0	-43.1	E	14.5						
24	741.1	-43.4	E	13.4							
MAY 27	03	741.5	-44.0	E	13.5						
	06	741.9	-44.4	ENE	12.6						
	09	742.2	-43.6	ENE	11.0						
	12	743.0	-43.0	ENE	11.3						
	15	743.9	-40.0	ENE	9.5	10	39	0.2	X X X	A	
	18	744.1	-36.7	ENE	9.9						
	21	744.9	-33.2	ENE	8.5						
24	745.7	-33.1	ENE	8.9							
MAY 28	03	746.0	-31.8	ENE	8.3						
	06	746.0	-31.0	ENE	8.2						
	09	746.0	-30.9	ENE	8.0	10		0.3	0 3 X	D	10-Ac
	12	746.0	-29.9	ENE	7.6						
	15	745.8	-31.0	E	9.6	10	22	0.5	4 0 0	D	10Sc
	18	745.1	-33.0	E	11.2						
	21	744.5	-37.5	E	12.5						
24	743.5	-39.7	E	13.0							
MAY 29	03	742.0	-39.1	E	13.8						
	06	740.1	-40.5	E	13.0						
	09	738.5	-41.9	E	13.7						
	12	736.9	-41.9	E	14.5						
	15	735.1	-41.1	ENE	13.0	10	39	0.1	X X X	A	
	18	734.6	-42.0	ENE	12.4						
	21	734.1	-39.2	ENE	11.0						
24	734.2	-38.0	ENE	9.8							
MAY 30	03	734.8	-35.0	ENE	9.4						
	06	735.1	-37.0	ENE	8.8						
	09	735.9	-36.8	ENE	8.1						
	12	736.8	-37.1	ENE	8.0						
	15	736.5	-36.5	E	8.7	10	38	0.3	X X X	B	
	18	735.5	-39.0	E	8.9						
	21	734.5	-43.0	E	11.8						
24	732.0	-40.2	E	15.1							

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
MAY	31	03	730.1	-34.3	E	15.5					
		06	728.0	-30.6	E	16.5					
		09	726.6	-28.0	E	17.3					
		12	725.0	-25.1	E	18.0					
		15	724.6	-24.1	ENE	17.5	10	39	0.1	X X X	A
		18	726.8	-24.5	ESE	12.0					
		21	727.1	-23.9	ENE	14.3					
		24	727.7	-23.5	ENE	14.4					

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JUNE 1	03	727.1	-24.7	ENE	15.8						
	06	727.4	-26.7	ENE	17.2						
	09	728.7	-28.1	ENE	15.8						
	12	729.5	-28.1	ENE	14.1						
	15	729.9	-28.7	ENE	12.9	10	39	0.2	X X X	A	
	18	730.1	-29.0	ENE	13.0						
	21	730.4	-29.8	ENE	13.1						
	24	730.6	-30.6	ENE	12.6						
JUNE 2	03	730.6	-30.9	ENE	12.1						
	06	730.5	-32.0	ENE	10.0						
	09	730.2	-35.8	ENE	10.7	4		0.5	0 0 8	D	4Cs
	12	729.8	-36.9	E	10.8						
	15	728.1	-38.5	E	10.1	3	37	0.5	0 0 8	D	3Cs
	18	727.5	-40.9	E	10.5						
	21	726.1	-41.1	E	9.2						
	24	725.0	-43.6	E	10.2						
JUNE 3	03	724.0	-44.3	E	10.4						
	06	723.5	-44.8	E	10.7						
	09	723.2	-44.7	E	11.1	1		0.6	0 0 1	D	1Ci
	12	724.0	-44.0	E	11.2						
	15	724.9	-44.1	ENE	11.0	0	02	5.0	0 0 0	E	
	18	726.0	-45.2	ENE	10.5						
	21	727.0	-46.4	ENE	10.2						
	24	728.2	-46.2	ENE	10.0						
JUNE 4	03	729.2	-46.7	ENE	9.9						
	06	729.9	-46.1	ENE	11.0						
	09	730.9	-46.0	ENE	12.3						
	12	731.5	-46.0	ENE	9.2						
	15	732.5	-46.8	ENE	8.9	1	36	3.0	4 0 0	E	1Sc
	18	732.9	-47.5	ENE	9.6						
	21	733.4	-44.0	ENE	8.5						
	24	733.9	-47.8	E	9.7						
JUNE 5	03	733.9	-47.1	E	10.8						
	06	733.8	-46.5	E	10.8						
	09	733.5	-46.1	E	11.1						
	12	733.2	-46.1	E	11.2						
	15	733.0	-46.0	E	11.1	0	00	5.0	0 0 0	E	
	18	732.1	-46.4	E	11.1						
	21	731.5	-47.8	E	11.3						
	24	730.9	-47.9	E	11.0						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JUNE 6	03	729.3	-48.0	E	10.6						
	06	728.0	-48.5	E	10.9						
	09	726.5	-49.1	E	11.5						
	12	725.3	-49.3	E	12.5						
	15	723.9	-50.0	E	12.6	0	38	0.5	0 0 0		B
	18	723.0	-50.4	E	13.5						
	21	721.8	-50.3	E	13.5						
24	721.0	-50.0	E	12.8							
JUNE 7	03	721.1	-50.2	E	12.5						
	06	721.2	-50.9	E	12.8						
	09	721.1	-51.1	E	12.5						
	12	723.0	-51.1	E	13.0						
	15	723.5	-51.5	E	12.2	0	38	0.3	0 0 0		B
	18	724.0	-51.8	E	12.0						
	21	724.3	-52.0	E	11.0						
24	725.0	-52.1	E	11.0							
JUNE 8	03	725.4	-52.4	E	10.1						
	06	725.9	-52.6	E	10.1						
	09	726.9	-52.1	E	10.0						
	12	728.0	-49.6	E	8.5						
	15	729.1	-49.5	E	9.5	10	39	0.2	X X X		A
	18	730.0	-50.0	E	10.0						
	21	730.9	-49.1	E	9.6						
24	731.4	-46.9	E	9.6							
JUNE 9	03	731.0	-47.4	E	10.9						
	06	730.3	-45.5	E	11.8						
	09	730.0	-44.0	E	13.2						
	12	729.8	-41.5	E	13.4						
	15	729.4	-39.0	ENE	14.2	10	39	0.2	X X X		A
	18	729.1	-36.9	ENE	14.5						
	21	729.0	-34.9	ENE	14.1						
24	728.1	-33.1	ENE	15.8							
JUNE 10	03	728.0	-31.8	ENE	15.1						
	06	728.1	-30.7	NE	13.1						
	09	728.8	-30.0	NE	11.8						
	12	729.0	-30.0	NE	12.1						
	15	729.1	-30.8	NE	10.8	10	39	0.1	X X X		A
	18	729.7	-30.3	NE	9.1						
	21	729.9	-30.0	NE	8.0						
24	729.7	-29.7	NE	7.0							

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JUNE 11	03	729.0	-30.9	NE	6.5						
	06	728.0	-29.9	NE	6.0						
	09	727.3	-30.5	NE	5.1						
	12	726.7	-32.0	NE	5.0						
	15	726.0	-32.1	NNE	4.6	10	22	20.0	5 0 0	-	10Sc
	18	725.2	-33.0	NNE	4.0						
	21	724.8	-39.9	NE	2.2						
24	724.6	-44.0	E	3.2							
JUNE 12	03	725.1	-45.9	E	9.0						
	06	724.9	-48.5	E	10.0						
	09	724.1	-50.9	E	12.2						
	12	723.5	-51.0	E	11.3						
	15	723.0	-50.2	E	11.0	0	38	3.0	0 0 0	E	
	18	722.2	-50.5	E	10.5						
	21	721.8	-50.7	E	11.2						
24	721.2	-50.5	E	11.1							
JUNE 13	03	721.0	-49.8	E	11.5						
	06	720.4	-47.8	E	11.2						
	09	720.2	-48.0	E	10.2						
	12	720.0	-47.0	E	9.9						
	15	719.3	-48.2	E	10.5	5	36	5.0	0 0 4	E	5Ci
	18	719.0	-48.1	E	10.9						
	21	719.1	-48.5	E	11.5						
24	719.9	-47.0	E	11.9							
JUNE 14	03	720.1	-43.6	E	10.8						
	06	720.9	-42.0	E	10.9						
	09	721.1	-42.8	E	11.1						
	12	721.8	-44.8	ENE	10.1						
	15	722.0	-46.0	ENE	10.0	3	03	3.0	4 0 1	E	1Sc, 3Ci
	18	721.9	-46.0	ENE	9.8						
	21	721.1	-45.6	ENE	10.2						
24	720.4	-45.2	ENE	10.3							
JUNE 15	03	719.1	-44.6	ENE	10.7						
	06	717.2	-45.9	ENE	11.0						
	09	716.1	-47.0	ENE	11.9						
	12	715.3	-48.8	E	12.0						
	15	714.3	-49.8	E	12.0	0	36	2.0	0 0 0	E	
	18	713.7	-50.8	E	12.7						
	21	713.7	-51.1	E	12.6						
24	713.8	-51.0	E	12.5							

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JUNE 16	03	714.0	-51.0	E	12.0						
	06	714.6	-51.0	E	11.1						
	09	715.6	-49.8	ENE	11.0						
	12	716.8	-49.5	ENE	10.0						
	15	718.0	-50.0	ENE	9.1	5	36	3.0	0 4 0	E	5Ac
	18	717.9	-49.1	ENE	9.0						
	21	717.6	-49.5	ENE	9.2						
	24	716.8	-50.0	ENE	9.2						
JUNE 17	03	715.9	-50.1	ENE	8.4						
	06	714.8	-50.2	ENE	8.5						
	09	714.1	-49.6	ENE	9.2						
	12	713.9	-48.0	ENE	9.7						
	15	714.0	-47.3	ENE	10.6	1	38	0.5	0 0 1	B	1Ci
	18	714.2	-47.9	ENE	10.2						
	21	714.7	-48.1	ENE	11.4						
	24	715.0	-47.1	ENE	12.3						
JUNE 18	03	716.1	-46.5	ENE	13.0						
	06	718.0	-46.1	ENE	12.7						
	09	719.0	-46.1	E	13.1						
	12	719.9	-46.0	E	13.5						
	15	720.0	-45.2	E	13.5	0	39	0.2	0 0 0	A	
	18	719.8	-44.0	E	14.4						
	21	719.5	-44.2	E	13.6						
	24	718.0	-44.0	E	13.9						
JUNE 19	03	717.0	-43.2	E	13.3						
	06	715.2	-43.1	E	13.2						
	09	713.2	-42.6	E	12.5						
	12	711.2	-42.4	E	12.4						
	15	709.5	-42.8	E	13.3	0	39	0.1	0 0 0	A	
	18	707.7	-42.1	E	12.7						
	21	707.0	-41.0	ENE	14.0						
	24	708.3	-38.2	E	14.0						
JUNE 20	03	709.1	-33.7	E	14.4						
	06	711.2	-34.2	ENE	12.7						
	09	715.0	-35.1	ENE	10.2						
	12	718.8	-40.0	E	7.5						
	15	721.0	-40.5	E	7.5	1	36	5.0	0 0 1	E	1Ci
	18	723.1	-35.5	ENE	10.5						
	21	725.1	-31.9	ENE	11.8						
	24	727.0	-30.0	ENE	13.2						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JUNE 21	03	728.6	-30.9	ENE	13.3						
	06	730.7	-31.5	ENE	12.5						
	09	732.2	-32.1	E	11.5						
	12	733.2	-31.1	ENE	12.2						
	15	734.9	-29.4	ENE	12.2	10	39	0.2	X X X	A	
	18	736.1	-29.3	ENE	11.5						
	21	737.0	-30.0	ENE	12.4						
	24	737.7	-31.3	ENE	11.2						
JUNE 22	03	738.7	-34.2	ENE	10.1						
	06	739.0	-35.1	ENE	10.6						
	09	739.1	-36.4	ENE	10.5						
	12	739.9	-34.0	NE	9.8						
	15	740.1	-32.1	NE	11.2	10	38	0.3	X X X	B	
	18	740.3	-30.6	NE	13.8						
	21	740.6	-29.9	NE	14.8						
	24	740.8	-29.6	NE	15.5						
JUNE 23	03	741.9	-29.9	NE	15.0						
	06	743.0	-29.7	NE	13.0						
	09	745.0	-30.6	NE	12.0						
	12	746.2	-30.3	NE	10.2						
	15	747.9	-30.9	NE	9.2	10	39	0.1	X X X	A	
	18	748.9	-30.0	NE	9.7						
	21	750.7	-32.0	NE	8.2						
	24	751.8	-35.1	ENE	8.2						
JUNE 24	03	752.9	-37.0	E	12.9						
	06	753.1	-36.9	E	15.0						
	09	753.9	-42.0	E	17.1						
	12	753.9	-43.5	E	17.5						
	15	753.8	-43.2	E	18.2	1	39	0.2	0 4 0	A	1Ac
	18	753.2	-43.4	E	12.0						
	21	752.1	-43.1	E	17.2						
	24	751.4	-41.4	E	17.1						
JUNE 25	03	751.9	-38.5	E	16.5						
	06	750.9	-37.1	E	17.1						
	09	749.3	-35.0	E	16.5						
	12	748.0	-34.0	E	16.0						
	15	747.0	-34.8	E	17.1	10	39	0.1	X X X	A	
	18	744.7	-35.8	E	18.0						
	21	743.0	-35.8	E	18.1						
	24	741.9	-34.8	E	17.0						

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JUNE 1983

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JUNE 26	03	740.2	-36.8	E	18.0						
	06	738.9	-37.2	E	16.2						
	09	737.9	-34.8	E	16.8						
	12	737.0	-35.0	E	16.7						
	15	736.7	-34.6	E	15.5	10	39	0.1	X X X	A	
	18	735.6	-35.0	ENE	16.0						
	21	735.1	-34.4	ENE	12.2						
	24	734.4	-34.8	E	11.5						
JUNE 27	03	734.1	-34.5	ENE	12.0						
	06	734.7	-34.5	ENE	12.0						
	09	735.0	-34.0	ENE	11.5						
	12	735.8	-32.5	E	9.1						
	15	737.0	-30.8	ENE	8.8	10	39	0.1	X X X	A	
	18	738.0	-30.4	E	11.0						
	21	740.5	-30.0	E	10.6						
	24	742.0	-28.5	E	11.5						
JUNE 28	03	743.3	-27.1	ENE	12.0						
	06	744.0	-27.1	ENE	12.0						
	09	745.1	-26.9	ENE	11.5						
	12	745.5	-26.6	E	9.1						
	15	746.0	-25.8	ENE	8.8	10	03	5.0	0 2 X	E	10As
	18	746.0	-27.0	E	11.0						
	21	746.5	-27.0	E	10.6						
	24	745.9	-26.7	E	11.5						
JUNE 29	03	745.4	-27.0	E	11.0						
	06	744.7	-26.9	E	10.2						
	09	744.1	-28.0	ENE	10.6						
	12	743.2	-30.5	ENE	9.6						
	15	741.6	-33.2	E	10.0	10	03	5.0	0 2 X	E	10As
	18	739.8	-34.9	ENE	10.1						
	21	738.0	-34.2	E	10.0						
	24	736.3	-35.5	E	9.6						
JUNE 30	03	734.8	-39.0	E	9.5						
	06	732.4	-40.6	E	10.2						
	09	731.0	-41.1	E	10.9						
	12	730.0	-41.6	E	10.1						
	15	729.0	-42.0	E	11.7	2	36	3.0	0 3 0	E	2Ac
	18	728.5	-41.6	E	11.8						
	21	729.1	-40.0	E	10.1						
	24	729.6	-35.5	E	9.5						

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JULY 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JULY 1	03	730.6	-35.4	E	9.7						
	06	731.5	-37.5	E	10.0						
	09	732.2	-37.5	E	10.0						
	12	733.0	-36.8	E	10.1						
	15	733.3	-36.9	E	9.8	4	36	3.0	0 3 0	E	4Ac
	18	733.5	-35.8	ESE	9.6						
	21	733.5	-37.0	ESE	9.7						
	24	733.3	-37.7	E	10.0						
JULY 2	03	733.0	-37.0	E	10.2						
	06	733.1	-36.5	E	10.0						
	09	733.0	-37.4	E	10.3						
	12	732.6	-37.8	E	10.0						
	15	732.5	-38.5	E	10.2	10	36	3.0	0 7 X	E	
	18	732.0	-37.2	E	9.4						
	21	731.7	-37.2	E	9.8						
	24	731.2	-38.6	E	9.6						
JULY 3	03	731.1	-39.1	E	9.9						
	06	731.2	-39.9	E	10.2						
	09	731.0	-39.9	E	10.6						
	12	731.2	-39.3	E	10.5						
	15	731.8	-38.9	E	10.1	10	38	0.3	X X X	B	
	18	731.9	-38.1	E	10.2						
	21	732.2	-38.6	E	9.6						
	24	732.7	-39.0	E	10.0						
JULY 4	03	733.0	-39.1	E	9.5						
	06	732.9	-40.2	E	10.0						
	09	733.1	-40.2	E	10.6						
	12	733.6	-40.1	E	10.4						
	15	734.0	-39.8	E	10.9	8	36	5.0	0 7 0	E	
	18	733.9	-38.9	E	10.2						
	21	734.1	-40.1	E	10.5						
	24	734.9	-41.0	E	9.5						
JULY 5	03	734.9	-41.5	E	9.2						
	06	734.3	-42.1	E	9.7						
	09	734.1	-43.4	E	10.0						
	12	733.4	-43.7	E	10.8						
	15	731.8	-43.5	E	12.3	3	37	3.0	0 3 0	E	
	18	730.2	-42.8	E	13.1						
	21	728.3	-40.1	ESE	12.1						
	24	725.6	-36.7	ESE	15.5						

JULY 1983

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JULY 6	03	725.6	-36.7	E	15.5						
	06	721.8	-30.2	E	14.4						
	09	720.0	-29.0	ESE	16.1						
	12	717.6	-29.1	ESE	20.0						
	15	717.2	-29.1	ESE	20.5	10	39	0.1	X X X	A	
	18	719.0	-29.8	E	17.5						
	21	718.5	-30.6	E	19.5						
	24	718.4	-31.5	E	20.0						
JULY 7	03	719.0	-33.0	E	19.0						
	06	719.1	-34.3	ESE	18.0						
	09	719.5	-36.5	ESE	14.8						
	12	718.5	-38.2	ESE	15.4						
	15	718.1	-39.5	ESE	14.5	1	39	0.1	0 3 0	A	1Ac
	18	717.5	-40.5	ESE	12.6						
	21	716.8	-41.3	ESE	11.9						
	24	716.0	-41.5	ESE	11.8						
JULY 8	03	715.5	-41.9	E	11.9						
	06	714.5	-41.3	E	11.5						
	09	713.9	-41.1	E	10.3						
	12	713.0	-39.1	E	12.5						
	15	713.0	-39.6	E	13.3	4	37	0.6	0 3 1	B	1Ac, 4Ci
	18	713.6	-40.0	E	9.6						
	21	714.3	-39.9	E	11.9						
	24	715.2	-40.0	E	12.0						
JULY 9	03	716.8	-41.2	E	12.1						
	06	718.4	-42.3	E	12.3						
	09	719.6	-43.0	E	12.5						
	12	721.7	-44.0	ENE	12.0						
	15	722.9	-45.0	ENE	11.5	1	36	3.0	0 3 0	E	1Ac
	18	724.4	-46.0	ENE	10.8						
	21	726.2	-47.0	ENE	10.1						
	24	727.8	-47.7	ENE	10.2						
JULY 10	03	729.6	-48.1	E	9.2						
	06	731.2	-47.0	E	9.1						
	09	732.9	-47.0	E	9.1						
	12	734.9	-44.5	E	8.0						
	15	736.5	-42.5	E	7.8	10	22	3.0	0 1 X	E	10Ac
	18	737.5	-42.0	E	8.5						
	21	738.1	-42.8	E	9.9						
	24	738.5	-42.6	ESE	10.7						

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JULY 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JULY 11	03	738.1	-41.4	E	11.4						
	06	737.7	-38.6	E	11.9						
	09	736.7	-36.2	E	12.2						
	12	735.9	-34.2	E	13.5						
	15	734.9	-32.5	E	13.0	10	39	0.2	X X X	A	
	18	734.1	-32.4	ENE	13.5						
	21	734.0	-32.9	ENE	13.1						
	24	733.9	-32.0	ENE	13.2						
JULY 12	03	733.2	-33.4	E	13.5						
	06	732.6	-32.0	E	13.5						
	09	732.1	-31.3	E	13.5						
	12	731.5	-30.7	ENE	14.0						
	15	731.4	-29.4	ENE	13.3	10	39	0.2	X X X	A	
	18	731.2	-29.1	ENE	13.0						
	21	731.7	-28.5	ENE	11.8						
	24	731.9	-29.0	ENE	12.0						
JULY 13	03	731.0	-31.7	ENE	12.5						
	06	731.0	-33.9	ENE	10.2						
	09	731.1	-32.5	ENE	10.7						
	12	730.8	-32.0	ENE	10.5						
	15	730.7	-32.0	ENE	10.0	10	36	5.0	0 1 X	E	10As
	18	729.9	-32.1	ENE	11.9						
	21	729.8	-32.1	ENE	12.5						
	24	729.5	-32.1	ENE	11.5						
JULY 14	03	729.6	-32.7	ENE	10.1						
	06	729.2	-33.0	ENE	9.8						
	09	730.0	-33.5	ENE	8.7						
	12	730.8	-34.0	ENE	8.1						
	15	731.6	-34.1	ENE	8.0	10	03	5.0	0 2 X	E	10As
	18	731.9	-34.8	ENE	7.0						
	21	732.1	-34.2	ENE	6.5						
	24	732.1	-34.9	ENE	6.6						
JULY 15	03	732.0	-34.8	ENE	5.3						
	06	731.8	-34.2	ENE	4.2						
	09	731.5	-40.0	ENE	5.6						
	12	731.3	-41.3	ENE	5.5						
	15	731.2	-44.5	ENE	4.5	1	02	20.0	4 0 0	-	1Sc
	18	730.8	-45.6	E	4.4						
	21	730.3	-46.1	ENE	6.5						
	24	729.5	-47.2	ENE	7.6						

JULY 1983

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JULY 16	03	728.4	-46.4	E	8.2						
	06	727.0	-49.1	E	9.0						
	09	725.5	-45.9	ENE	10.2						
	12	725.0	-48.7	ENE	10.8						
	15	724.0	-49.8	E	11.5	1	39	0.2	4 0 0	A	1Sc
	18	723.1	-48.6	E	11.1						
	21	722.6	-45.3	E	11.0						
	24	722.3	-48.0	E	11.9						
JULY 17	03	722.7	-48.0	E	11.0						
	06	722.7	-47.5	ENE	10.8						
	09	723.5	-46.2	ENE	10.4						
	12	724.4	-46.6	ENE	9.3						
	15	725.0	-46.3	ENE	9.0	1	39	0.2	4 0 0	A	1Sc
	18	725.0	-48.0	ENE	9.8						
	21	725.2	-47.0	ENE	10.0						
	24	725.0	-43.1	ENE	10.1						
JULY 18	03	725.0	-43.0	ENE	10.1						
	06	724.6	-39.5	ENE	10.2						
	09	723.4	-35.4	ENE	12.1						
	12	723.0	-31.7	NE	11.2						
	15	724.0	-28.3	NNE	13.5	10	39	0.1	X X X	A	
	18	724.1	-29.0	NNE	10.4						
	21	726.4	-30.2	E	8.1						
	24	727.1	-33.1	ENE	10.2						
JULY 19	03	727.5	-33.7	ENE	10.2						
	06	727.6	-37.3	E	9.3						
	09	726.9	-38.8	E	10.8						
	12	726.9	-41.1	E	11.8						
	15	726.2	-40.1	E	12.5	10	39	0.1	0 7 X	A	
	18	726.0	-40.1	E	11.7						
	21	726.0	-40.5	E	11.8						
	24	725.8	-42.7	E	12.2						
JULY 20	03	726.1	-43.9	E	11.2						
	06	726.1	-45.6	E	10.1						
	09	726.5	-46.5	E	10.9						
	12	726.5	-47.0	E	11.1						
	15	726.1	-46.3	E	10.5	10	38	0.5	0 7 X	B	
	18	725.2	-46.5	E	10.1						
	21	724.1	-45.4	E	9.6						
	24	722.8	-44.7	E	9.1						

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JULY 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JULY 21	03	721.2	-43.0	E	8.1						
	06	719.1	-41.9	E	7.9						
	09	717.1	-41.2	E	8.3						
	12	715.7	-41.2	E	9.2						
	15	714.2	-40.5	E	9.5	10	03	0.4	0 7 X	B	
	18	713.2	-39.6	E	9.8						
	21	713.1	-37.0	E	9.1						
24	713.3	-35.0	E	9.5							
JULY 22	03	713.7	-34.2	ENE	10.1						
	06	714.5	-32.6	NE	9.4						
	09	715.0	-32.0	NE	10.8						
	12	715.8	-30.9	NE	14.1						
	15	716.9	-33.1	NE	14.0	1	39	0.1	0 3 0	A	1Ac
	18	717.9	-34.2	ENE	13.1						
	21	718.0	-37.5	ENE	12.8						
24	717.0	-38.2	E	13.1							
JULY 23	03	714.2	-37.1	E	13.3						
	06	711.4	-33.6	E	12.5						
	09	708.9	-31.6	E	13.2						
	12	706.6	-32.0	E	11.7						
	15	705.5	-32.7	E	9.9	10	38	0.3	4 1 X	B	3Sc, 10As
	18	705.3	-31.6	ENE	13.2						
	21	706.0	-32.2	ENE	15.1						
24	706.3	-32.1	ENE	14.0							
JULY 24	03	706.1	-32.9	ENE	12.9						
	06	706.0	-33.0	ENE	10.5						
	09	705.8	-33.8	ENE	10.5						
	12	706.5	-34.5	ENE	9.4						
	15	707.9	-34.8	ENE	10.0	10	36	0.5	0 2 X	C	10As
	18	709.9	-36.0	ENE	10.1						
	21	711.1	-37.6	ENE	10.1						
24	712.5	-39.8	ENE	10.8							
JULY 25	03	713.3	-39.1	ENE	11.0						
	06	714.0	-39.0	ENE	13.0						
	09	714.4	-39.2	ENE	12.0	0		0.1	0 0 0	A	
	12	715.6	-39.5	ENE	12.9						
	15	716.2	-38.2	NE	13.4	3	39	0.1	0 0 1	A	3Ci
	18	717.0	-38.0	NE	12.4						
	21	717.0	-37.7	NE	11.8						
24	718.0	-36.9	NE	10.1							

JULY 1983

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JULY 26	03	718.1	-38.3	NE	11.0						
	06	717.9	-41.2	ENE	9.5						
	09	717.9	-43.2	ENE	10.0	3		0.2	0 3 0	C	3Ac
	12	716.9	-45.8	ENE	10.1						
	15	715.1	-47.2	ENE	9.8	2	36	0.4	0 0 1	C	2Ci
	18	712.7	-48.1	ENE	11.1						
	21	711.1	-48.0	ENE	11.6						
	24	710.0	-48.3	ENE	12.1						
JULY 27	03	708.8	-47.6	ENE	12.6						
	06	707.8	-44.0	ENE	12.3						
	09	706.1	-40.2	ENE	13.7	10		0.5	0 1 X	B	10As
	12	705.5	-36.6	E	14.0						
	15	704.9	-36.5	ENE	15.3	10	39	0.1	X X X	A	
	18	705.0	-35.1	ENE	14.5						
	21	706.2	-35.2	ENE	14.3						
	24	708.4	-36.1	ENE	13.0						
JULY 28	03	710.6	-36.0	E	11.5						
	06	712.1	-37.0	E	11.8						
	09	713.1	-37.0	E	11.0	0		0.1	0 0 0	A	
	12	714.0	-38.3	E	11.0						
	15	714.1	-40.0	E	10.8	6	36	0.6	0 0 5	B	6Cs
	18	714.3	-41.0	E	10.2						
	21	714.5	-43.5	E	11.4						
	24	714.1	-43.9	E	11.8						
JULY 29	03	714.0	-46.5	E	12.1						
	06	713.7	-48.0	E	11.3						
	09	713.4	-48.7	E	12.0	1		0.5	0 0 1	C	1Ci
	12	713.4	-50.0	E	12.1						
	15	713.0	-51.0	E	12.5	0+	39	0.6	0 0 1	D	0+Ci
	18	718.1	-51.9	E	12.1						
	21	712.2	-52.0	E	12.8						
	24	712.0	-52.4	E	12.3						
JULY 30	03	712.1	-51.0	E	12.5						
	06	711.9	-51.6	E	12.3						
	09	711.7	-51.8	E	12.8	1		0.2	0 0 1	C	1Ci
	12	712.0	-48.1	E	11.5						
	15	712.0	-48.0	ENE	11.1	3	38	0.15	0 0 5	C	3Cs
	18	712.5	-46.7	E	11.5						
	21	713.5	-47.0	E	11.8						
	24	713.9	-46.5	E	11.2						

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JULY 1983

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
JULY 31	03	714.0	-47.2	ENE	11.8						
	06	714.1	-46.6	ENE	12.5						
	09	714.5	-45.9	E	11.9	10		0.05	X X X	A	
	12	715.0	-44.3	E	12.2						
	15	715.0	-42.0	E	13.6	10	39	0.05	X X X	A	
	18	715.2	-43.0	E	14.0						
	21	715.1	-44.1	E	14.5						
	24	715.1	-43.7	E	14.8						

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AUGUST 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
AUG. 1	03	714.2	-45.1	E	14.5						
	06	713.6	-46.4	E	15.2						
	09	712.5	-46.3	E	15.0	0		0.03	0 0 0	A	
	12	711.6	-44.8	E	15.6						
	15	711.3	-44.0	E	14.8	10	39	0.1	X X X	A	
	18	710.6	-44.2	E	16.0						
	21	709.7	-44.9	E	14.9						
	24	708.1	-48.2	E	16.3						
AUG. 2	03	707.1	-49.9	E	15.1						
	06	706.5	-50.1	E	15.0						
	09	706.1	-51.0	E	15.1	0		0.03	X 0 0	A	
	12	706.3	-51.4	E	15.1						
	15	706.4	-51.9	E	15.3	0	39	0.03	X 0 0	A	
	18	706.8	-51.2	E	15.4						
	21	707.2	-51.0	E	14.2						
	24	708.1	-50.0	E	14.0						
AUG. 3	03	709.5	-49.8	E	12.4						
	06	710.7	-49.3	E	13.0						
	09	711.5	-49.8	E	13.4	1		0.15	0 0 8	A	1Cs
	12	712.8	-50.0	E	13.0						
	15	713.0	-51.1	E	12.2	0	39	0.2	0 0 0	A	
	18	713.2	-52.4	E	13.4						
	21	712.8	-52.6	E	14.0						
	24	712.2	-51.2	E	14.0						
AUG. 4	03	711.5	-50.1	E	13.5						
	06	709.9	-48.1	E	13.9						
	09	708.7	-46.9	E	13.1						
	12	708.5	-43.1	E	13.2						
	15	708.5	-42.6	E	13.5	4	39	0.05	0 3 0	A	4Ac
	18	709.3	-42.0	E	13.0						
	21	711.2	-39.7	E	13.2						
	24	714.0	-40.1	ENE	13.5						
AUG. 5	03	717.5	-41.2	ENE	15.5						
	06	720.1	-42.5	ENE	14.6						
	09	722.2	-43.4	ENE	14.5	1		0.1	0 0 5	A	1Cs
	12	723.3	-45.0	ENE	14.9						
	15	723.4	-46.5	E	14.9	0	39	0.05	0 0 0	A	
	18	723.3	-47.0	E	14.8						
	21	722.0	-47.0	E	13.8						
	24	721.2	-47.1	E	14.5						



AUGUST 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
AUG. 6	03	720.2	-48.4	E	13.5						
	06	719.1	-50.6	E	12.8						
	09	717.6	-53.1	E	13.5	0		0.1	0 0 0	A	
	12	716.1	-54.0	E	12.5						
	15	714.2	-54.1	E	12.8	0	39	0.1	0 0 0	A	
	18	712.0	-55.4	E	13.1						
	21	711.0	-55.8	E	13.1						
24	709.2	-55.9	E	13.1							
AUG. 7	03	708.0	-55.2	E	13.5						
	06	706.6	-54.8	E	14.2						
	09	706.0	-54.0	E	14.2						
	12	705.9	-52.1	E	13.0						
	15	705.9	-51.8	E	14.1	0	39	0.1	0 0 0	A	
	18	705.2	-51.5	E	14.1						
	21	705.2	-51.5	E	13.9						
24	705.0	-51.1	E	15.7							
AUG. 8	03	705.5	-52.0	E	14.0						
	06	705.9	-52.9	E	15.6						
	09	706.0	-52.5	E	16.5	0		0.05	0 0 0	A	
	12	707.2	-52.1	E	15.1						
	15	707.5	-52.9	E	13.0	0	39	0.03	0 0 0	A	
	18	707.0	-53.5	E	15.6						
	21	706.9	-54.4	E	15.0						
24	706.0	-54.5	E	15.2							
AUG. 9	03	706.1	-54.1	E	14.7						
	06	706.0	-54.1	E	14.8						
	09	706.0	-54.1	E	15.5	0		0.05	0 0 0	A	
	12	706.0	-53.2	E	15.2						
	15	706.1	-53.3	E	15.5	0	39	0.05	0 0 0	A	
	18	706.0	-54.1	E	15.2						
	21	708.7	-54.2	E	15.1						
24	710.3	-54.4	E	13.5							
AUG. 10	03	713.0	-54.8	E	12.8						
	06	716.0	-54.4	E	13.2						
	09	717.6	-54.0	E	15.0	0		0.1	0 0 0	A	
	12	720.7	-53.2	E	13.0						
	15	722.5	-53.9	ESE	13.5	3	39	0.2	0 0 5	A	3Cs
	18	724.0	-54.3	E	12.6						
	21	724.6	-55.0	E	14.1						
24	724.5	-54.2	E	14.7							

## AUGUST 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
AUG. 11	03	724.0	-51.6	E	14.0						
	06	722.8	-47.4	E	14.5						
	09	721.8	-41.3	E	15.2	10		0.1	0 1 X	A	10As
	12	719.8	-37.7	E	17.5						
	15	715.9	-35.0	ENE	22.1	10	39	0.03	0 1 X	A	10As
	18	713.9	-33.0	ENE	22.4						
	21	712.2	-31.0	ENE	23.2						
	24	710.0	-29.6	ENE	24.2						
AUG. 12	03	709.0	-28.8	ENE	23.5						
	06	709.1	-29.1	ENE	22.8						
	09	711.8	-30.0	ENE	13.6	10		0.02	0 1 X	A	10As
	12	713.2	-30.1	ENE	10.9						
	15	713.9	-31.8	ENE	12.5	10	39	0.01	0 2 X	A	10As
	18	714.5	-34.0	E	14.9						
	21	713.2	35.2	E	21.0						
	24	715.0	-36.5	E	16.4						
AUG. 13	03	715.4	-38.2	E	14.7						
	06	715.5	-40.8	E	15.6						
	09	715.5	-42.4	E	14.5	3		0.05	0 0 8	A	3Cs
	12	714.8	-43.1	E	16.2						
	15	714.8	-43.8	E	15.2	10	39	0.05	0 2 X	A	10As
	18	714.2	-44.7	E	16.1						
	21	713.8	-46.0	E	16.9						
	24	712.5	-47.8	E	17.4						
AUG. 14	03	712.0	-47.5	E	17.2						
	06	711.1	-47.1	E	17.1						
	09	710.8	-47.6	E	17.0	0		0.03	0 0 0	A	
	12	710.6	-47.0	E	17.3						
	15	710.9	-46.6	E	14.6	0	39	0.05	0 0 0	A	
	18	710.6	-47.6	E	14.7						
	21	710.6	-47.1	E	14.5						
	24	710.6	-47.1	E	15.0						
AUG. 15	03	711.0	-47.8	E	15.6						
	06	711.0	-47.0	E	15.3						
	09	711.0	-45.2	E	17.5	2		0.03	0 0 5	A	2Cs
	12	712.2	-43.1	E	18.0						
	15	714.0	-39.0	E	17.5	10	39	0.03	0 1 X	A	1As
	18	715.8	-35.0	E	17.5						
	21	718.0	-33.4	E	17.0						
	24	718.9	-32.1	E	17.5						

AUGUST 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
AUG. 16	03	720.0	-31.0	E	20.0						
	06	720.8	-30.5	E	21.0						
	09	721.1	-30.6	E	22.0	10		0.02	X X X	A	
	12	721.5	-30.2	E	22.8						
	15	721.1	-31.7	E	22.5	10	39	0.02	X X X	A	
	18	723.0	-31.4	E	22.0						
	21	722.5	-30.9	E	21.5						
	24	723.0	-31.0	E	19.5						
AUG. 17	03	724.9	-30.4	ENE	17.5						
	06	726.0	-30.1	ENE	16.5						
	09	728.0	-29.1	ENE	18.0	3		0.05	0 0 B	A	3Cs
	12	732.2	-27.8	ENE	15.6						
	15	734.8	-29.3	E	14.9	0	39	0.05	0 0 0	A	
	18	735.5	-29.5	E	16.0						
	21	736.9	-30.6	E	16.5						
	24	738.0	-29.6	E	14.7						
AUG. 18	03	739.1	-29.3	E	12.5						
	06	740.0	-30.7	E	11.0						
	09	740.6	-32.0	E	12.0	2		0.3	0 3 0	B	2Ac
	12	741.1	-32.2	E	11.9						
	15	740.9	-33.0	E	14.0	6	37	0.6	0 0 B	B	6Cs
	18	740.8	-34.2	E	14.1						
	21	741.0	-34.2	E	13.3						
	24	741.9	-34.7	E	11.0						
AUG. 19	03	741.2	-34.1	ENE	12.1						
	06	741.0	-32.9	ENE	14.8						
	09	741.7	-34.0	ENE	13.8	2		0.2	0 0 1	A	2Ci
	12	741.1	-33.9	ENE	14.0						
	15	741.6	-33.8	ENE	14.8	5	39	0.2	0 3 1	A	1Ac, 4Ci
	18	742.1	-35.9	ENE	13.6						
	21	742.5	-37.0	ENE	12.0						
	24	742.4	-37.0	E	12.9						
AUG. 20	03	742.1	-37.1	E	12.0						
	06	741.9	-38.9	E	11.5						
	09	741.7	-40.1	E	11.8	2		0.4	0 0 5	B	2Cs
	12	741.8	-40.8	E	12.1						
	15	741.7	-40.6	E	11.1	4	38	0.4	0 0 5	B	4Cs
	18	741.8	-41.5	E	11.5						
	21	742.0	-41.0	E	11.1						
	24	742.1	-40.2	E	10.6						

AUGUST 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
AUG. 21	03	742.5	-40.9	E	10.2						
	06	742.0	-41.7	E	10.4						
	09	741.5	-43.0	E	10.2						
	12	740.9	-42.0	E	10.2						
	15	739.2	-42.6	E	10.2	2	36	2.0	6 0 1	D	1St, 1Ci
	18	737.5	-44.2	E	11.7						
	21	735.0	-44.5	E	13.1						
	24	732.3	-44.1	E	14.0						
AUG. 22	03	730.7	-43.8	E	14.0						
	06	728.0	-42.5	E	14.0						
	09	727.0	-42.0	E	14.3	2		0.1	0 0 1	A	2Ci
	12	725.6	-40.5	E	16.0						
	15	725.1	-39.0	E	15.0	10	39	0.1	X X X	A	
	18	725.2	-37.9	E	16.0						
	21	724.8	-38.3	E	17.0						
	24	724.7	-38.7	E	15.0						
AUG. 23	03	724.0	-38.2	E	16.0						
	06	724.2	-38.0	E	15.6						
	09	724.2	-38.6	E	15.1	0		0.5	0 0 0	B	
	12	724.2	-38.0	E	16.1						
	15	724.6	-35.1	E	15.5	10	39	0.1	0 0 7	A	10Cs
	18	725.0	-34.5	E	16.5						
	21	725.0	-35.5	E	13.5						
	24	724.5	-37.0	E	15.0						
AUG. 24	03	724.4	-38.9	E	14.6						
	06	724.0	-37.1	E	13.8						
	09	723.9	-38.5	E	14.7	3		0.2	0 4 8	A	1Ac, 2Cs
	12	724.0	-39.2	E	14.1						
	15	723.8	-41.0	E	14.0	6	38	0.2	0 0 8	B	6Cs
	18	723.1	-42.0	E	14.0						
	21	722.1	-43.0	E	14.0						
	24	722.1	-43.1	E	13.0						
AUG. 25	03	722.0	-43.0	E	12.9						
	06	722.0	-43.1	E	12.9						
	09	722.2	-43.1	E	12.5	2		0.2	0 0 1	B	2Ci
	12	722.1	-40.4	E	12.9						
	15	722.3	-39.0	E	12.8	0	37	0.2	0 0 0	B	
	18	723.1	-37.5	E	12.6						
	21	724.4	-39.9	E	12.9						
	24	724.3	-40.0	E	12.8						

AUGUST 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
AUG. 26	03	724.0	-40.0	E	12.5						
	06	724.7	-38.9	E	14.5						
	09	724.8	-38.9	E	15.1	1		0.1	0 0 1	A	1Ci
	12	724.7	-37.4	E	14.9						
	15	724.0	-38.8	E	16.0	1	39	0.1	0 0 1	A	1Ci
	18	724.8	-34.2	E	14.5						
	21	726.2	-34.1	E	13.5						
	24	727.8	-33.1	E	13.0						
AUG. 27	03	729.5	-34.2	ENE	15.0						
	06	730.8	-34.1	ENE	15.5						
	09	732.2	-32.5	ENE	14.1	7		1.5	0 2 0	D	7As
	12	734.3	-31.5	ENE	11.0						
	15	735.9	-32.0	E	12.2	7	02	0.8	0 2 0	D	7As
	18	736.9	-35.9	E	11.7						
	21	736.4	-36.5	E	12.0						
	24	736.7	-36.8	ENE	12.0						
AUG. 28	03	736.9	-37.8	E	12.2						
	06	736.9	-37.6	E	12.1						
	09	736.5	-38.2	E	12.5						
	12	736.2	-39.0	E	11.8						
	15	735.9	-39.7	E	17.3	0	37	1.0	0 0 0	D	
	18	735.7	-40.8	E	13.5						
	21	735.7	-40.1	E	13.1						
	24	736.2	-39.0	E	13.5						
AUG. 29	03	736.0	-36.0	E	16.1						
	06	735.3	-31.8	E	16.5						
	09	734.0	-29.7	E	19.0	10		0.05	0 2 X	A	10As
	12	733.8	-28.8	ENE	20.0						
	15	734.8	-26.2	ENE	19.5	10	39	0.03	0 2 X	A	10As
	18	735.0	-25.0	ENE	19.2						
	21	735.0	-24.6	ENE	19.3						
	24	735.9	-24.0	ENE	18.1						
AUG. 30	03	735.0	-22.8	ENE	19.1						
	06	735.0	-24.5	ENE	21.7						
	09	736.1	-25.6	ENE	19.9	10		0.03	X X X	A	
	12	737.2	-26.4	ENE	16.0						
	15	738.1	-27.5	ENE	14.5	4	39	0.1	0 3 0	A	4Ac
	18	739.2	-28.9	ENE	14.0						
	21	740.5	-29.0	E	13.9						
	24	742.0	-29.8	E	11.5						

AUGUST 1983

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
AUG. 31	03	742.5	-31.0	E	9.4						
	06	743.0	-29.5	ENE	11.2						
	09	744.0	-30.0	ENE	10.5	7		20.0	0 3 0	E	7Ac
	12	745.7	-30.9	ENE	9.1						
	15	746.3	-32.1	ENE	9.0	0+	00	20.0	0 3 0	-	0+Ac
	18	745.7	-34.9	E	9.8						
	21	744.6	-32.2	E	9.5						
	24	743.5	-30.1	E	8.5						

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SEPTEMBER 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
SEP. 1	03	742.3	-28.8	ENE	8.5						
	06	741.5	-29.5	ENE	9.7						
	09	740.7	-31.0	ENE	10.7	10		5.0	0 2 2	E	5As, 10-Ci
	12	740.0	-29.5	E	10.4						
	15	739.0	-29.6	E	9.6	10	02	5.0	0 2 2	E	4As, 10-Ci
	18	738.3	-32.2	ENE	9.1						
	21	737.8	-33.4	ENE	9.3	10		5.0	0 0 7	E	10-Cs
24	737.6	-33.0	ENE	9.8							
SEP. 2	03	737.5	-34.6	ENE	9.2						
	06	738.1	-36.6	ENE	8.4						
	09	738.8	-36.9	ENE	8.4	0		10.0	0 0 0	-	
	12	739.4	-35.6	ENE	8.6						
	15	739.8	-35.4	ENE	8.6	0	02	10.0	0 0 0	E	739.7
	18	739.7	-37.1	ENE	9.6						
	21	739.5	-38.0	ENE	9.3	0		10.0	0 0 0	-	
24	738.9	-33.1	E	8.0							
SEP. 3	03	737.4	-32.6	E	6.6						
	06	734.7	-39.2	E	11.2						
	09	733.1	-40.5	E	10.9	0		0.2	0 0 0	B	
	12	731.0	-40.1	E	11.7						
	15	728.5	-40.8	ESE	12.6	0	38	0.2	0 0 0	B	
	18	725.6	-44.9	ESE	12.4						
	21	<del>722.2</del>	-46.2	E	14.3	6		0.1	0 0 6	A	6Cs
24	718.2	-45.9	E	13.7							
SEP. 4	03	714.2	-45.6	E	13.6						
	06	710.4	-43.6	E	14.8						
	09	708.6	-41.8	E	15.4	0		0.1	0 0 0	A	
	12	708.8	-40.5	E	15.6						
	15	709.1	-40.0	E	14.2	0	39	0.05	0 0 0	A	
	18	710.9	-41.0	ENE	12.7						
	21	712.7	-42.7	E	11.5	0		0.2	0 0 0	B	
24	715.0	-42.9	E	11.7							
SEP. 5	03	716.7	-43.5	E	12.6						
	06	718.5	-45.8	E	11.3						
	09	719.6	-46.8	E	11.0	0		0.2	0 0 0	A	
	12	720.7	-46.0	E	11.6						
	15	721.3	-45.3	E	11.1	0	37	0.5	0 0 0	D	
	18	721.5	-46.3	E	11.8						
	21	721.0	-45.9	E	15.2	0		0.2	0 0 0	A	
24	721.6	-45.3	E	13.0							

SEPTEMBER 1983

DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
SEP. 6	03	721.2	-45.4	E	12.8						
	06	721.2	-44.8	E	13.2						
	09	721.3	-42.7	E	13.3	0		0.5	0 0 0	D	
	12	721.1	-38.4	ENE	13.7						
	15	720.7	-38.2	ENE	12.6	0	37	0.5	0 0 0	D	
	18	719.0	-39.8	E	14.7						
	21	717.3	-39.2	ENE	15.4	4		0.1	0 0 2	A	4Ci
	24	715.5	-35.5	ENE	16.0						
SEP. 7	03	713.6	-32.4	ENE	16.4						
	06	711.6	-28.8	ENE	17.0						
	09	711.5	-26.8	ENE	14.7	10		0.1	0 2 X	A	10As
	12	711.0	-25.2	ENE	17.6						
	15	710.8	-23.8	ENE	18.4	10	39	0.05	0 2 X	A	10As
	18	711.2	-24.2	NE	18.6						
	21	712.1	-24.3	NE	17.1	10		0.05	0 2 X	A	10
	24	712.6	-24.4	NE	15.0						
SEP. 8	03	712.4	-26.0	E	11.7						
	06	711.0	-24.6	E	11.2						
	09	711.6	-26.4	E	8.2	10		3.0	0 7 2	-	2Ac, 2As, 10-Ci
	12	711.2	-24.8	ENE	8.7						
	15	711.3	-25.4	NE	11.4	10	39	0.2	0 2 X	A	10As
	18	712.1	-26.5	ENE	9.7						
	21	713.7	-27.8	E	8.5	10		0.2	0 2 X	E	10As
	24	715.0	-29.5	E	7.8						
SEP. 9	03	715.8	-30.7	E	9.9						
	06	716.3	-31.7	E	10.5						
	09	716.5	-33.0	E	10.5	10		3.0	0 2 2	E	2As, 10-Ci
	12	717.8	-33.4	E	9.4						
	15	718.6	-32.8	E	9.2	10	36	3.0	0 7 2	E	2As, 2Ac, 10-Ci
	18	719.7	-36.4	ENE	10.7						
	21	721.1	-38.6	E	9.7	0		5.0	0 0 0	E	
	24	722.7	-39.8	E	8.7						
SEP. 10	03	723.5	-40.7	ENE	8.8						
	06	724.4	-44.0	E	10.3						
	09	724.8	-43.4	E	10.6	0		0.5	0 0 0	C	
	12	725.0	-38.3	ENE	9.2						
	15	725.6	-36.6	ENE	8.3	2	36	0.5	0 7 0	C	2Ac
	18	726.6	-34.6	ENE	11.1						
	21	727.7	-32.7	ENE	9.5	10		0.2	0 0 7	C	10-Cs
	24	728.8	-32.4	E	8.6						



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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
SEP. 11	03	728.6	-28.3	ENE	15.4						
	06	730.3	-27.9	ENE	14.7						
	09	731.5	-28.5	ENE	11.2	8		0.05	0 7 2	A	3As, 5Ci
	12	732.7	-26.9	ENE	15.7						
	15	733.4	-29.4	ENE	13.3	10-	37	0.2	0 0 2	C	10-Ci
	18	734.1	-32.8	ENE	11.4						
	21	734.5	-29.8	ENE	10.1	10		0.2	0 1 X	C	10As
24	734.4	-30.9	ENE	9.0							
SEP. 12	03	733.2	-32.4	ENE	8.2						
	06	731.7	-37.6	E	7.6						
	09	729.7	-39.0	E	9.2	8		5.0	0 7 2	E	1As, 3Ac, 8Ci
	12	727.5	-39.0	E	8.8						
	15	725.2	-38.5	E	7.2	4	02	10.0	5 3 2	-	0+Sc, 1Ac, 3Ci
	18	723.7	-43.5	E	8.7						
	21	722.4	-46.2	E	9.8	8		1.0	0 7 X	C	4As, 5Ac
24	721.9	-43.5	E	9.8							
SEP. 13	03	721.7	-44.0	E	10.6						
	06	722.2	-43.4	E	10.1						
	09	723.3	-42.4	ENE	11.3	10		0.2	0 7 7	C	1Ac, 5As, 10-Cs
	12	724.3	-41.1	ENE	10.4						
	15	725.1	-40.9	E	10.5	9	37	0.5	0 3 2	C	2Ac, 9Ci
	18	725.0	-43.5	E	10.4						
	21	724.6	-44.3	E	9.8	4		1.0		D	4Ci
24	724.2	-43.8	E	9.9							
SEP. 14	03	724.0	-42.6	ENE	9.2						
	06	724.6	-42.6	ENE	10.0						
	09	726.1	-41.8	ENE	9.4	0+		1.0	0 3 0	D	0+Ac
	12	728.0	-40.1	ENE	7.8						
	15	730.3	-40.5	ENE	7.8	0	36	20.0	0 0 0	E	
	18	732.4	-43.4	E	8.8						
	21	734.2	-45.2	E	9.3	0		10.0	0 0 0	E	
24	735.7	-45.3	E	10.4							
SEP. 15	03	737.3	-43.4	E	11.4						
	06	738.9	-43.7	E	12.7						
	09	740.5	-42.6	E	12.7	0		2.0	0 0 0	E	
	12	741.9	-37.3	E	13.6						
	15	743.5	-35.4	E	11.9	0	37	0.5	0 0 0	C	
	18	745.7	-37.1	E	11.6						
	21	746.6	-37.4	E	12.5	0		0.5	0 0 0	B	
24	747.6	-37.3	E	12.6							

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DATE	LT	FST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA	
SEP. 16	03	747.6	-36.5	E	12.8							
	06	746.4	-36.6	E	15.4							
	09	745.3	-33.5	E	15.3	10		0.1	0 2 X	A	10As	
	12	744.4	-29.5	E	17.2							
	15	742.8	-27.2	E	18.4	10	39	0.05	0 2 X	A	10As	
	18	742.3	-26.2	ENE	17.8							
	21	742.3	-25.5	ENE	18.7	10		0.05	X X X	A	10X	
24	742.3	-25.2	ENE	16.2								
SEP. 17	03	742.0	-25.6	ENE	14.5							
	06	742.3	-25.9	ENE	13.0							
	09	742.4	-27.6	ENE	12.3	7		0.4	0 7 2	C	3Ac, 6Ci	
	12	741.5	-27.4	ENE	12.3							
	15	739.2	-27.3	E	13.5	3	37	0.5	0 0 2	B	3Ci	
	18	735.8	-29.2	E	15.5							
	21	732.5	-29.3	E	18.5	10		0.2	X X X	A		
24	729.0	-29.4	E	18.5								
SEP. 18	03	725.5	-30.8	E	22.4							
	06	724.0	-30.0	E	19.4							
	09	724.7	-27.5	ENE	17.4	10		0.1	0 2 X	A	10As	
	12	728.4	-25.5	ENE	10.8							
	15	728.5	-25.4	ENE	10.9	9	38	0.3	0 7 2	B	2As, 2Ac, 9Ci	
	18	728.0	-32.3	E	8.6							
	21	727.5	-35.5	E	10.3	3		0.5	0 0 2	C	3Ci	
24	726.5	-37.0	ENE	11.2								
SEP. 19	03	726.5	-38.6	ENE	10.7							
	06	726.0	-39.0	ENE	10.4							
	09	725.8	-36.0	ENE	10.7	10		0.5	0 2 X	C	10As	
	12	726.2	-32.0	ENE	8.8							
	15	726.3	-31.0	ENE	6.7	10	02	10.0	0 2 X	-	10As	
	18	726.1	-35.8	ENE	6.8							
	21	726.2	-39.0	ENE	7.0	5		20.0	0 0 2	-	5Ci	
24	726.3	-40.8	ENE	8.6								
SEP. 20	03	726.2	-41.6	ENE	9.0							
	06	726.0	-41.6	ENE	9.5							
	09	727.4	-40.6	ENE	9.2	10-		5.0	0 7 2	E	3Ac, 10-Ci	
	12	727.6	-36.4	ENE	9.2							
	15	727.4	-36.4	E	10.2	6	36	1.0	0 7 0	D	2As, 4Ac	
	18	726.4	-39.1	E	11.3							
	21	724.1	-39.1	E	12.4	10-		0.3	0 2 X	B	10As	
24	720.8	-39.3	E	14.4								

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
SEP. 21	03	717.8	-38.4	E	14.8						
	06	714.8	-36.9	E	15.6						
	09	713.8	-35.1	E	14.6	10		0.2	0 2 X	A	10As
	12	713.4	-32.7	E	14.8						
	15	713.5	-32.8	E	13.5	10	38	0.3	0 7 2	B	4As, 2Ac, 10-Ci
	18	714.2	-34.0	E	11.4						
	21	714.3	-34.7	E	14.1	10		0.5	0 7 X	B	7As, 3Ac
	24	715.5	-35.2	E	12.0						
SEP. 22	03	715.5	-37.9	E	11.8						
	06	716.5	-39.5	E	9.0						
	09	717.5	-37.7	E	8.1	10		5.0	0 7 X	E	2Ac, 10As
	12	717.6	-34.6	ENE	6.5						
	15	717.6	-33.6	ENE	4.7	10	02	3.0	0 2 X	-	10As
	18	716.9	-37.1	E	5.7						
	21	717.0	-41.1	E	6.3	8		10.0	0 2 6	-	3As, 8Cs
	24	717.0	-42.0	E	5.4						
SEP. 23	03	716.5	-46.0	E	8.0						
	06	715.5	-46.7	E	9.6						
	09	713.9	-42.7	E	11.3	0		2.0	0 0 0	D	
	12	713.0	-39.4	E	11.6						
	15	711.7	-38.4	E	10.7	0	36	5.0	0 0 0	E	
	18	710.2	-42.8	E	10.3						
	21	709.0	-46.2	E	13.4	6		2.0	0 3 2	E	3Ac, 6Ci
	24	708.2	-48.0	E	14.8						
SEP. 24	03	706.6	-47.4	E	16.6						
	06	705.6	-47.0	E	17.2						
	09	705.4	-44.0	E	17.3	10-		0.05	0 7 7	A	2As, 2Ac, 10-Cs
	12	705.2	-38.3	E	16.2						
	15	705.4	-36.9	ENE	15.1	10	39	0.02	0 2 X	A	10As
	18	705.8	-37.4	ENE	14.4						
	21	706.2	-37.4	ENE	13.3	10-		0.05	0 2 7	A	4As, 10Cs
	24	706.4	-37.4	ENE	12.6						
SEP. 25	03	706.9	-38.0	ENE	12.1						
	06	706.8	-39.3	ENE	11.3						
	09	706.8	-39.1	ENE	11.0	5		2.0	0 3 2	D	3Ac, 5Ci
	12	707.9	-37.4	ENE	10.3						
	15	708.8	-37.4	ENE	8.5	10	36	5.0	0 2 7	E	3As, 10Cs
	18	710.0	-41.1	ENE	8.3						
	21	711.3	-44.8	E	9.5	3		2.0	0 2 0	E	3As
	24	712.4	-46.3	E	9.6						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
SEP. 26	03	714.0	-48.1	E	9.1						
	06	715.4	-49.7	E	9.8						
	09	717.0	-47.6	E	11.8	0		1.0	0 0 0	D	
	12	718.8	-44.1	E	10.8						
	15	720.4	-43.6	E	10.5	0	36	5.0	0 0 0	E	
	18	721.7	-45.6	E	11.8						
	21	723.0	-47.3	E	13.6	0		1.0	0 0 0	D	
	24	724.0	-48.5	E	13.5						
SEP. 27	03	724.6	-49.3	E	13.4						
	06	724.8	-50.2	E	13.2						
	09	725.5	-46.3	E	12.2	0		2.0	0 0 0	E	
	12	725.6	-41.6	E	11.6						
	15	725.2	-40.1	E	10.7	3	36	3.0	0 3 2	E	1Ac, 3Ci
	18	725.2	-43.4	E	10.5						
	21	725.1	-45.6	E	11.2	3		1.0	0 3 2	D	2Ac, 2Ci
	24	724.0	-45.6	E	11.3						
SEP. 28	03	723.1	-43.6	E	10.6						
	06	722.2	-41.2	E	11.5						
	09	721.6	-37.6	ENE	10.5	10-		2.0	0 2 7	E	4As, 10-Cs
	12	720.6	-34.1	ENE	11.2						
	15	719.5	-33.5	ENE	11.6	10	36	0.5	0 2 7	C	6As, 10-Cs
	18	718.6	-33.9	ENE	12.4						
	21	717.6	-34.1	ENE	11.7	10-		0.3	0 2 7	B	6As, 10-Cs
	24	716.8	-34.8	ENE	11.8						
SEP. 29	03	715.9	-34.6	ENE	12.4						
	06	714.8	-34.8	E	13.6						
	09	714.1	-33.2	E	14.8	10		0.1	0 2 X	A	10As
	12	713.1	-30.1	ENE	15.2						
	15	712.2	-27.8	ENE	12.6	10	71	0.2	0 2 X	A	10As
	18	711.4	-26.9	ENE	14.7						
	21	711.7	-28.8	ENE	13.0	10-		0.2	0 2 7	A	8As, 10-Cs
	24	713.0	-29.1	NE	13.3						
SEP. 30	03	714.8	-29.3	NE	12.7						
	06	717.4	-30.1	ENE	10.7						
	09	720.2	-30.5	E	10.3	10-		0.5	0 2 7	B	4As, 10-Cs
	12	721.1	-30.1	ENE	10.4						
	15	720.0	-32.2	E	10.3	3	36	10.0	0 3 2	E	2Ac, 2Ci
	18	718.8	-35.8	E	12.5						
	21	717.2	-38.3	E	14.3	8		0.1	0 2 2	A	4As, 8Ci
	24	716.2	-38.6	E	14.4						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
OCT. 1	03	715.4	-34.8	E	14.5						
	06	715.1	-33.7	E	14.5						
	09	715.1	-32.9	E	14.3	3		0.2	0 0 2	A	2Ci
	12	715.0	-31.0	E	13.6						
	15	715.0	-31.4	E	12.7	10-	36	5.0	0 0 2	E	10-Ci
	18	713.2	-33.7	E	13.6						
	21	713.2	-33.4	E	14.1	4		1.0	0 3 2	D	2Ac, 3Ci
24	713.2	-35.0	E	13.0							
OCT. 2	03	713.0	-33.4	E	11.8						
	06	713.4	-32.9	ENE	10.5						
	09	713.8	-32.3	E	10.6	3		5.0	0 3 0	E	3Ac
	12	715.2	-30.4	ENE	9.4						
	15	716.1	-30.5	ENE	7.5	0+	02	20.0	0 3 0	-	0+Ac
	18	716.5	-34.6	ENE	7.0						
	21	716.7	-38.6	ENE	8.2	4		10.0	0 3 2	-	2Ac, 4Ci
24	716.6	-38.8	ENE	8.3							
OCT. 3	03	715.7	-38.0	ENE	9.5						
	06	714.8	-34.6	ENE	9.4						
	09	714.3	-30.6	ENE	9.7	10		0.5	0 2 X	C	10As
	12	713.4	-27.3	ENE	10.4						
	15	712.8	-26.8	ENE	10.3	10	73	0.5	0 2 X	C	10As
	18	712.5	-28.2	ENE	9.6						
	21	712.2	-30.2	ENE	11.1	10-		1.0	0 2 2	D	9As, XCi
24	712.5	-31.5	ENE	10.6							
OCT. 4	03	713.1	-33.3	ENE	9.9						
	06	713.5	-34.2	ENE	9.8						
	09	714.6	-30.2	E	9.3	10-		3.0	0 7 2	E	3As, 7Ac, XCi
	12	715.6	-27.5	ENE	8.0						
	15	716.0	-27.0	ENE	7.0	10-	02	10.0	5 7 7	-	6Sc, 2As, 2Ac, XCs
	18	717.0	-28.0	ENE	5.8						
	21	718.0	-33.9	E	6.7	6		5.0	0 3 2	E	3Ac, 4Ci
24	718.5	-33.8	E	8.3							
OCT. 5	03	718.7	-35.6	E	7.9						
	06	718.6	-39.9	E	9.5						
	09	719.2	-37.7	E	9.6	2		3.0	0 3 0	E	2Ac
	12	719.5	-34.8	E	10.3						
	15	719.6	-35.2	E	12.6	6	36	5.0	0 3 2	E	2Ac, 5Ci
	18	719.1	-37.9	E	13.6						
	21	718.7	-40.2	E	14.1	5		0.15	0 7 2	A	1As, 1Ac, 5Ci
24	716.8	-40.6	E	17.2							

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
OCT. 6	03	717.4	-41.3	E	16.4						
	06	716.6	-40.3	E	17.2						
	09	716.4	-37.0	E	17.3	5		0.05	0 7 2	A	1As, 2Ac, 4Ci
	12	716.4	-35.4	E	16.4						
	15	716.0	-34.7	E	15.8	6	73	0.15	0 7 2	A	1As, 2Ac, 5Ci
	18	715.6	-37.6	E	16.3						
	21	716.0	-40.8	E	16.6	4		0.1	0 0 2	A	4Ci
24	716.7	-42.7	E	14.2							
OCT. 7	03	716.5	-44.0	E	15.0						
	06	715.8	-44.5	E	14.2						
	09	715.5	-41.5	E	15.6	2		0.1	0 0 2	A	2Ci
	12	714.8	-37.2	ESE	15.8						
	15	714.7	-35.8	E	16.3	0	39	0.1	0 0 0	A	
	18	714.9	-37.8	E	14.3						
	21	715.2	-40.5	E	14.9	0		0.15	0 0 0	A	
24	715.8	-42.2	E	13.3							
OCT. 8	03	716.2	-44.6	E	13.8						
	06	716.3	-45.9	ESE	15.0						
	09	717.5	-42.0	E	14.0	0		0.2	0 0 0	A	
	12	718.1	-37.2	E	13.5						
	15	718.3	-34.9	E	13.0	0+	38	1.0	0 3 0	E	0+Ac
	18	718.5	-37.2	E	12.2						
	21	718.3	-41.0	ESE	10.3	0		10.0	0 0 0	E	
24	716.7	-43.1	ESE	12.7							
OCT. 9	03	715.5	-46.0	E	12.8						
	06	713.6	-45.5	E	13.0						
	09	712.3	-41.3	E	13.5	0		1.0	0 0 0	D	
	12	711.9	-38.5	E	12.8						
	15	711.0	-38.8	E	13.6	0	38	0.9	0 0 0	D	
	18	709.9	-41.0	E	14.6						
	21	709.3	-44.6	E	15.3	0		0.15	0 0 0	A	
24	708.7	-46.2	E	15.1							
OCT. 10	03	718.9	-47.0	E	13.3						
	06	709.9	-46.8	ENE	11.6						
	09	712.1	-42.5	NE	8.8	6		5.0	0 0 2	E	6Ci
	12	715.1	-36.8	NE	6.3						
	15	718.1	-34.8	NE	5.7	10-	76	10.0	0 1 2	-	3As, 10-Ci
	18	720.5	-37.2	NE	6.3						
	21	722.4	-36.8	NNE	8.3	10-		5.0	0 7 2	E	2As, 4Ac, 10-Ci
24	724.1	-36.6	NNE	8.0							

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
OCT. 11	03	725.4	-38.0	NE	6.3						
	06	725.9	-38.4	NE	6.2						
	09	727.1	-37.3	NE	5.5	0+		20.0	0 3 0	-	0+Ac
	12	726.9	-35.0	NE	4.4						
	15	726.8	-35.2	ENE	4.8	9	02	20.0	0 3 2	-	2Ac, 9Ci
	18	727.5	-39.0	ENE	6.8						
	21	727.1	-41.3	ENE	8.4	8		5.0	0 3 2	-	5Ac, 8Ci
	24	726.6	-43.3	ENE	8.8						
OCT. 12	03	725.7	-43.2	ENE	9.3	10		1.0	0 2 X	D	10As
	06	724.5	-42.0	ENE	9.7						
	09	724.1	-38.9	ENE	11.4	10-		0.6	0 7 2	B	3As, 1Ac, 10-Ci
	12	723.9	-35.6	ENE	11.3						
	15	723.3	-34.1	ENE	9.6	10-	38	0.8	0 2 7	D	2As, 10-Cs
	18	723.0	-36.5	ENE	10.7						
	21	722.6	-38.1	ENE	12.0	10-		0.8	0 7 7	D	2As, 4Ac, 10-Cs
	24	722.4	-39.6	ENE	13.0	10-		0.5	0 7 7	B	2As, 2Ac, 10-Cs
OCT. 13	03	722.0	-40.0	E	12.7						
	06	721.4	-40.2	E	13.3						
	09	721.5	-37.2	E	14.3	10		0.15	0 2 X	A	10As
	12	721.8	-34.0	ENE	14.4						
	15	722.0	-33.0	ENE	14.1	10-	73	0.15	0 2 7	A	7As, 10-Cs
	18	722.5	-34.8	ENE	12.4						
	21	723.4	-37.8	E	13.6	9		0.5	0 7 7	B	3As, 3Ac, 9Cs
	24	725.5	-39.0	E	13.3						
OCT. 14	03	724.0	-38.0	ENE	13.3						
	06	727.0	-37.6	E	12.3						
	09	728.6	-34.8	E	13.3	10		0.2	0 2 X	A	10As
	12	730.1	-31.2	E	10.4						
	15	730.9	-29.3	E	12.2	10-	71	0.6	0 2 8	B	8As, 10-Cs
	18	731.7	-31.4	E	13.9						
	21	733.0	-33.4	E	16.6	10-		0.2	0 2 7	A	5As, 10-Cs
	24	733.6	-34.8	E	14.7						
OCT. 15	03	733.3	-37.3	E	17.8						
	06	732.8	-36.9	E	17.8						
	09	733.4	-33.6	E	16.4	10-		0.08	0 7 7	A	1Ac, 5Ac, 10-Cs
	12	734.6	-30.3	E	12.8						
	15	734.5	-29.4	E	14.5	10-	38	0.6	0 7 7	B	2As, 0+Ac, 10-Cs
	18	734.7	-31.7	E	9.8						
	21	734.9	-33.6	E	12.3	10-		1.0	0 7 8	D	2As, 6Ac, 10-Cs
	24	735.5	-34.2	E	14.3						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
OCT. 16	03	736.5	-35.9	E	11.2						
	06	736.0	-33.7	E	13.9						
	09	736.5	-32.2	E	14.1	9		0.6	0 7 2	B	0+As, 2Ac, 9Ci
	12	737.3	-29.3	E	14.4						
	15	738.0	-28.5	E	12.8	9	36	5.0	0 0 2	E	9Ci
	18	738.8	-31.1	E	12.8						
	21	739.8	-34.9	E	13.0	8		5.0	0 3 2	E	3Ac, 8Ci
	24	740.6	-37.3	E	13.1						
OCT. 17	03	741.7	-37.8	E	11.3						
	06	743.0	-36.7	E	11.7						
	09	744.3	-33.0	E	11.4	2		10.0	0 3 0	E	2Ac
	12	745.5	-29.2	ENE	11.3						
	15	746.4	-28.2	ENE	8.8	1	36	20.0	0 3 0	E	1Ac
	18	747.4	-31.2	E	8.2						
	21	748.2	-36.1	E	10.3	0		20.0	0 0 0	-	
	24	748.4	-38.2	E	10.3						
OCT. 18	03	748.5	-39.2	E	10.6						
	06	748.8	-39.0	E	9.6						
	09	748.6	-34.1	E	7.8	9		20.0	0 2 6	-	2As, 6Ci, 3Cs
	12	748.9	-28.7	E	6.8						
	15	748.8	-27.7	E	5.3	10-	02	20.0	0 3 6	-	0+Ac, 2Ci, 8Cs
	18	749.1	-30.4	E	6.3						
	21	749.1	-34.8	E	8.3	10-		20.0	0 5 7	-	4Ac, XCs
	24	748.1	-35.2	E	10.9						
OCT. 19	03	747.5	-34.6	E	12.3						
	06	746.9	-32.6	E	12.2						
	09	746.5	-28.5	ENE	12.5	10		0.6	0 2 X	C	10As
	12	744.8	-25.2	ENE	12.8						
	15	743.9	-23.7	ENE	11.7	10	38	0.5	0 2 X	B	10As
	18	742.9	-25.3	NE	11.6						
	21	742.1	-26.4	NE	11.7	10		0.4	0 2 X	B	10As
	24	741.1	-26.1	ENE	11.6						
OCT. 20	03	740.6	-26.9	ENE	11.4						
	06	740.6	-26.7	ENE	9.8						
	09	740.9	-25.0	ENE	8.3	10-		2.0	0 7 7	E	0+Ac, 2As, 10-Cs
	12	740.6	-23.0	NE	7.0						
	15	739.9	-22.8	ENE	6.0	9	76	20.0	0 7 7	-	2Ac, 9Cs
	18	738.8	-26.7	ENE	7.6						
	21	736.3	-28.0	ENE	11.4	10		0.3	0 2 X	B	10As
	24	734.1	-24.4	ENE	12.7						



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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
OCT. 21	03	730.3	-23.4	ENE	16.7						
	06	725.6	-23.4	NE	19.1						
	09	724.1	-20.5	NNE	19.5	10		0.03	0 2 X	A	10As
	12	723.6	-19.8	NNE	18.1						
	15	722.6	-19.8	NNE	18.3	10	73	0.05	0 2 X	A	10As
	18	722.5	-20.4	NE	15.8						
	21	722.2	-21.0	NE	13.3	10		0.2	0 2 X	A	10As
24	722.1	-21.9	NE	11.3							
OCT. 22	03	723.0	-22.9	ENE	9.6						
	06	724.1	-24.9	ENE	10.1						
	09	725.4	-22.8	NE	9.2	10-		2.5	0 2 7	E	6As, 10-Cs
	12	726.5	-21.3	NE	8.6						
	15	727.9	-21.4	NE	7.0	10	36	2.0	0 2 7	E	7As, 10Cs
	18	728.7	-25.5	ENE	7.6						
	21	729.8	-30.5	ENE	8.7	10		10.0	0 2 7	E	7As, 10Cs
24	730.1	-34.0	E	9.6							
OCT. 23	03	730.6	-36.0	E	10.2						
	06	730.4	-35.5	E	9.7						
	09	730.3	-31.1	ENE	8.4	2		20.0	0 3 2	E	1Ac, 2Ci
	12	730.1	-27.2	ENE	7.8						
	15	729.9	-25.6	ENE	6.2	2	02	20.0	0 3 2	-	0+Ac, 2Ci
	18	728.9	-28.9	E	7.6						
	21	728.1	-32.2	ENE	9.3	9		20.0	0 7 X	E	5As, 4Ac
24	727.5	-32.2	E	7.8							
OCT. 24	03	726.5	-37.8	E	9.7						
	06	724.5	-36.5	E	12.6						
	09	724.2	-31.7	E	13.2	4		0.5	0 3 2	B	0+Ac, 4Ci
	12	722.8	-27.1	E	14.3						
	15	721.6	-26.7	E	14.2	8	39	0.1	0 0 2	A	8Ci
	18	720.1	-29.8	E	16.5						
	21	718.9	-33.1	E	19.8	10	39	0.05	X X X	A	
24	717.0	-34.1	E	20.1							
OCT. 25	03	715.1	-32.1	E	19.4						
	06	714.0	-32.1	E	20.1						
	09	713.6	-30.4	E	18.8	10		0.03	X X X	A	
	12	712.8	-29.2	E	19.1						
	15	711.6	-28.8	E	18.6	10	73	0.05	X X X	A	
	18	710.0	-30.6	E	17.6						
	21	709.0	-33.4	E	14.2	10	39	0.1	X X X	A	
24	706.9	-35.5	E	15.3							

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
OCT. 26	03	704.3	-37.3	E	16.2						
	06	702.2	-35.7	E	17.0						
	09	700.7	-32.5	E	17.2	10		0.08	X X X	A	
	12	698.8	-29.5	E	16.0						
	15	698.3	-28.2	ENE	14.6	10-	39	0.1	0 0 7	A	10-Cs
	18	698.5	-29.5	ENE	10.0						
	21	700.4	-33.3	ENE	10.3	10-	36	5.0	0 7 7	E	0+As, 1Ac, 10-Cs
24	702.3	-34.5	ENE	11.7							
OCT. 27	03	704.7	-34.7	E	10.7						
	06	707.0	-32.2	ENE	12.7						
	09	709.1	-27.4	ENE	12.8	10		0.2	0 2 X	A	10As
	12	710.7	-24.6	ENE	12.3						
	15	712.0	-22.5	ENE	12.6	10	38	1.0	0 2 7	E	6As, 10Cs
	18	713.6	-23.9	E	14.2						
	21	715.1	-25.4	E	13.3	10	39	0.15	0 2 X	A	10As
24	716.7	-25.6	E	12.6							
OCT. 28	03	718.3	-25.9	ENE	11.6						
	06	719.4	-25.1	ENE	11.9						
	09	720.5	-23.8	ENE	11.6	10		0.2	0 2 X	A	10As
	12	721.5	-22.0	NE	11.3						
	15	722.6	-21.4	ENE	8.6	10	71	2.0	0 2 X	E	10As
	18	723.2	-22.5	ENE	8.6						
	21	724.0	-25.4	ENE	9.6	20	71	1.0	0 2 X	D	10As
24	724.2	-28.4	ENE	11.3							
OCT. 29	03	724.3	-28.6	ENE	12.2						
	06	724.2	-29.8	ENE	11.6						
	09	723.9	-27.6	E	13.2	10-		1.5	0 2 7	D	6As, 10-Cs
	12	723.4	-24.5	ENE	13.0						
	15	723.1	-24.0	ENE	11.6	6	36	5.0	0 7 2	E	0+Ac, 2As, 5Ci
	18	722.7	-26.6	E	9.5						
	21	722.0	-31.7	E	10.8	4	36	5.0	0 7 0	E	0+As, 4Ac
24	721.2	-34.3	E	10.9							
OCT. 30	03	720.6	-35.8	E	11.3						
	06	719.6	-34.9	E	11.4						
	09	719.0	-31.0	E	12.6	3		5.0	0 3 0	E	3Ac
	12	719.4	-27.3	ENE	10.4						
	15	719.4	-26.3	ENE	8.8	10-	36	20.0	0 3 7	E	0+Ac, 10-Cs
	18	719.9	-28.5	ENE	6.6						
	21	720.5	-33.4	ENE	8.1	10-	36	30.0	0 7 7	E	2Ac, 3As, 10-Cs
24	721.4	-35.2	ENE	8.8							

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
OCT. 31	03	721.9	-37.8	ENE	9.3						
	06	721.9	-36.3	ENE	8.9						
	09	722.1	-30.9	ENE	7.8	10	02	10.0	0 0 7	-	10Cs
	12	723.1	-25.9	NE	6.0						
	15	723.4	-24.0	N	4.0	10-	71	10.0	0 3 7	-	4As, 10-Cs
	18	723.6	-26.3	N	1.4						
	21	724.3	-32.4	ENE	5.3	10-	02	10.0	0 7 7	-	4As, 6Ac, XCs
	24	724.8	-34.0	ENE	5.6						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
NOV. 1	03	725.0	-38.0	ENE	6.5						
	06	725.0	-30.8	ENE	5.4						
	09	725.4	-25.9	ENE	5.4	3	01	10.0	0 3 0	-	3Ac
	12	725.9	-26.0	ENE	6.4						
	15	726.1	-25.3	ENE	4.8	1	02	20.0	0 3 0	-	1Ac
	18	725.9	-28.1	E	4.6						
	21	726.1	-34.8	E	7.2	0	01	30.0	0 0 0	-	
	24	726.8	-38.1	E	8.4						
NOV. 2	03	727.0	-39.7	E	9.3						
	06	727.3	-38.0	E	8.9						
	09	727.5	-32.5	E	8.8	0+		20.0	0 3 0	E	0+Ac
	12	727.8	-27.8	E	8.5						
	15	728.1	-26.4	E	7.6	1	02	20.0	0 3 0	-	1Ac
	18	727.4	-28.8	E	7.3						
	21	726.7	-34.5	E	8.8	2	36	20.0	0 3 2	E	1Ac
	24	726.0	-37.0	E	9.7						
NOV. 3	03	725.2	-37.0	E	10.3						
	06	723.6	-34.6	E	10.5						
	09	722.6	-30.4	E	10.4	10		1.5	0 2 X	D	10As
	12	722.0	-27.0	ENE	10.4						
	15	721.1	-25.4	ENE	10.2	10-	71	1.0	0 2 7	D	8As, 10-Cs
	18	720.5	-26.5	ENE	10.2						
	21	720.4	-31.5	E	9.8	9	36	15.0	0 2 7	E	6As, 9Cs
	24	720.4	-34.3	E	11.3						
NOV. 4	03	720.2	-35.6	E	11.3						
	06	720.0	-34.9	E	11.3						
	09	719.8	-31.0	E	10.2	6	02	10.0	0 7 2	-	2Ac, 2As, 6Ci
	12	719.9	-27.2	ENE	9.4						
	15	719.8	-26.4	ENE	8.2	6	02	20.0	0 7 7	-	0+Ac, 1As, 6Cs
	18	719.5	-28.4	E	6.5						
	21	719.5	-34.4	E	7.5	4	02	20.0	0 2 7	-	1As, 4Cs
	24	719.4	-37.6	E	9.7						
NOV. 5	03	718.9	-39.4	E	9.9						
	06	718.5	-37.8	E	9.7						
	09	718.5	-33.0	E	8.8	5	02	15.0	0 2 5	-	1As, 5Cs
	12	718.5	-28.3	ENE	7.9						
	15	718.5	-26.4	ENE	6.2	5	02	30.0	0 3 5	-	1Ac, 5Cs
	18	718.3	-28.5	E	5.6						
	21	718.1	-35.2	E	7.1	3	02	20.0	0 3 0	-	3Ac
	24	718.0	-38.1	E	9.0						

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DATE	LT	FST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
NOV. 6	03	717.5	-39.2	E	9.4						
	06	717.1	-37.4	E	9.9						
	09	717.1	-33.5	ENE	10.1	6		10.0	0 2 5	E	1As, 6Cs
	12	717.3	-29.6	ENE	8.1						
	15	717.5	-28.2	ENE	7.2	6	02	20.0	0 3 5	-	1As, 4Cs, 2Ci
	18	718.3	-29.9	ENE	5.5						
	21	718.9	-35.4	E	8.6	0	02	20.0	0 0 0	-	
24	719.9	-39.2	E	11.0							
NOV. 7	03	720.8	-41.2	E	11.8						
	06	721.4	-39.6	E	11.7						
	09	722.4	-35.5	E	11.8	2		3.0	0 3 0	E	2As
	12	722.9	-31.6	E	11.1						
	15	723.4	-30.1	E	10.6	1	36	10.0	0 3 0	E	1Ac
	18	724.1	-31.5	E	9.3						
	21	724.7	-35.8	E	10.8	1	36	20.0	0 3 0	E	1Ac
24	725.5	-39.6	E	12.2							
NOV. 8	03	725.9	-41.0	E	12.7						
	06	725.6	-38.8	E	12.8						
	09	725.0	-34.1	E	13.5	3		1.0	0 0 5	E	1Ci, 2Cs
	12	724.4	-30.7	E	13.2						
	15	723.8	-29.8	E	12.6	1	36	2.0	0 3 1	E	1Ac, 0+Ci
	18	723.3	-31.4	E	11.9						
	21	722.7	-35.0	E	12.4	2	38	1.0	0 3 0	D	2Ac
24	722.3	-38.0	E	13.5							
NOV. 9	03	721.8	-39.4	E	14.2						
	06	721.3	-37.4	E	14.9						
	09	721.8	-33.6	ENE	14.5	10-		0.5	0 0 7	B	10-Cs
	12	722.6	-29.3	ENE	13.1						
	15	723.5	-27.0	ENE	10.7	9	36	3.0	0 0 8	E	2Ci, 7Cs
	18	724.6	-27.9	ENE	8.4						
	21	725.9	-31.4	ENE	9.3	9	02	20.0	0 7 6	-	1As, 4Ac, 2Ci, 7Cs
24	727.3	-34.1	ENE	10.4							
NOV. 10	03	728.6	-33.2	ENE	10.6						
	06	729.5	-33.5	E	10.5						
	09	730.4	-29.4	ENE	10.5	10-		5.0	0 3 6	-	4Ac, 4Ci, 5Cs
	12	731.5	-26.0	ENE	9.6						
	15	732.6	-23.7	ENE	8.0	9	02	15.0	0 0 6	-	4Ci, 5Cs
	18	733.3	-26.0	ENE	6.4						
	21	734.0	-31.0	E	8.0	7	02	20.0	0 3 2	-	2Ac, 7Ci
24	735.0	-34.8	E	8.6							

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DATE	LT	FST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
NOV. 11	03	735.7	-36.0	E	9.4						
	06	736.3	-34.0	E	9.9						
	09	736.4	-30.1	ENE	10.3	0+		10.0	0 3 0	E	0+Ac
	12	737.1	-26.0	ENE	8.3						
	15	736.8	-23.9	ENE	6.5	1	02	20.0	0 3 1	-	1Ac, 0+Ci
	18	736.5	-25.5	E	5.3						
	21	736.4	-31.5	E	7.2	5	02	20.0	0 3 2	-	1Ac, 5Ci
	24	736.0	-35.2	E	8.3						
NOV. 12	03	735.2	-36.3	E	9.8						
	06	734.1	-34.6	E	10.0						
	09	733.4	-29.6	ENE	9.3	3		20.0	0 3 0	-	3Ac
	12	732.5	-25.5	ENE	8.6						
	15	731.5	-23.6	ENE	6.5	5	02	20.0	0 3 2	-	1Ac, 5Ci
	18	730.7	-25.5	E	5.3						
	21	730.1	-31.0	E	7.5	0	01	30.0	0 0 0	-	
	24	730.0	-35.2	E	9.7						
NOV. 13	03	729.7	-36.4	E	11.1						
	06	730.0	-33.5	E	10.6						
	09	730.7	-28.8	E	10.9	0		20.0	0 0 0	-	
	12	731.9	-24.4	E	10.2						
	15	732.9	-22.9	E	9.3	0	02	30.0	0 0 0	-	
	18	734.0	-24.6	E	8.0						
	21	735.0	-29.5	E	10.1	0	02	30.0	0 0 0	-	
	24	736.0	-34.0	E	12.2						
NOV. 14	03	736.0	-35.2	E	12.2						
	06	736.3	-33.0	E	11.6						
	09	736.3	-28.4	E	11.4	0		20.0	0 0 0	-	
	12	736.0	-24.0	E	10.7						
	15	735.5	-22.0	E	8.6	1	02	30.0	0 3 1	-	0+Ac, 1Ci
	18	734.9	-24.0	E	7.8						
	21	734.4	-28.8	E	9.8	0	02	30.0	0 0 0	-	
	24	733.0	-33.5	E	10.2						
NOV. 15	03	731.6	-34.8	E	9.6						
	06	730.4	-32.6	E	10.8						
	09	729.5	-26.6	E	10.6	0		30.0	0 0 0	-	
	12	729.0	-23.3	E	10.6						
	15	728.5	-20.5	E	9.6	0	02	30.0	0 0 0	-	
	18	728.5	-21.1	E	9.9						
	21	729.1	-25.5	E	11.5	1	36	20.0	0 0 1	-	1Ci
	24	729.8	-30.4	ENE	14.0						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
NOV. 16	03	730.5	-32.0	ENE	13.3						
	06	731.0	-29.8	ENE	14.0						
	09	732.1	-26.8	ENE	14.5	10-		0.4	0 0 6	B	4Ci, 6Cs
	12	732.6	-22.4	ENE	13.3						
	15	733.5	-20.4	ENE	13.7	10-	38	0.5	0 2 6	B	3As, 10-Cs
	18	734.0	-20.7	ENE	11.8						
	21	735.3	-21.3	ENE	10.6	10	38	1.0	0 2 7	D	6As, 10Cs
24	736.5	-22.5	ENE	11.5							
NOV. 17	03	737.2	-23.0	ENE	11.3						
	06	737.6	-22.6	ENE	11.8						
	09	737.5	-21.7	ENE	13.6	10		0.2	0 2 X	A	10As
	12	737.5	-19.6	ENE	12.4						
	15	737.2	-18.6	ENE	11.3	10	71	0.8	0 2 X	D	10As
	18	736.9	-19.0	ENE	8.7						
	21	736.4	-21.0	ENE	7.1	10	71	1.5	0 2 X	-	10As
24	735.7	-23.6	ENE	7.2							
NOV. 18	03	734.4	-28.6	E	7.5						
	06	732.5	-26.1	E	7.2						
	09	731.1	-22.2	E	7.4	9		2.0	0 2 6	-	2As, 9Cs
	12	729.9	-19.4	ENE	5.6						
	15	728.6	-18.3	NE	3.9	6	76	15.0	0 3 6	-	1Ac, 2Ci, 4Cs
	18	727.8	-20.3	ENE	3.3						
	21	727.1	-26.3	ENE	5.6	9	02	20.0	0 7 6	-	2Ac, 3As, 3Ci, 6Cs
24	726.7	-27.4	ENE	5.4							
NOV. 19	03	726.1	-30.5	E	6.6						
	06	725.5	-28.9	E	8.0						
	09	725.6	-25.7	E	8.8	10-		10.0	0 2 7	-	4As, 10-Cs
	12	725.6	-22.5	ENE	7.1						
	15	725.8	-20.6	ENE	4.5	10	71	10.0	0 2 7	-	2As, 10Cs
	18	726.1	-21.8	E	4.0						
	21	726.5	-26.3	E	5.6	10-	71	10.0	0 2 7	-	5As, 10-Cs
24	727.1	-29.2	E	8.2							
NOV. 20	03	727.8	-31.2	E	9.1						
	06	728.1	-31.1	ENE	10.0						
	09	728.4	-28.6	ENE	10.3	6		5.0	0 3 2	E	2Ac, 6Ci
	12	729.1	-25.2	ENE	7.8						
	15	729.8	-21.8	NE	3.3	9	71	10.0	0 7 2	-	2As, 6Ac, XCi
	18	729.9	-22.6	E	4.5						
	21	730.1	-27.3	E	4.5	5	76	10.0	0 3 2	-	4Ac, 2Ci
24	730.6	-32.5	E	6.6							

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
NOV. 21	03	730.5	-35.4	E	8.6						
	06	730.1	-34.5	E	8.8						
	09	729.9	-29.1	E	7.4	2		20.0	0 3 1	-	0+Ac, 2Ci
	12	729.5	-24.2	E	6.2						
	15	728.9	-22.3	E	5.4	0+	02	30.0	0 3 0	-	0+Ac
	18	727.5	-23.5	E	4.6						
	21	726.2	-29.8	E	6.8	0	02	30.0	0 0 0	-	
24	724.7	-33.0	E	8.4							
NOV. 22	03	722.5	-34.0	E	9.6						
	06	720.6	-31.8	E	9.5						
	09	719.3	-27.7	E	10.3	0		10.0	0 0 0	E	
	12	718.2	-24.2	E	10.1						
	15	717.3	-23.0	E	9.4	3	36	10.0	0 3 2	E	1Ac, 2Ci
	18	717.0	-24.1	E	8.2						
	21	717.0	-28.6	E	9.1	1	36	20.0	0 3 0	E	1Ac
24	717.3	-32.6	E	10.8							
NOV. 23	03	717.5	-34.4	E	10.8						
	06	717.2	-33.1	E	10.6						
	09	717.5	-29.0	E	9.7	0		20.0	0 0 0	E	
	12	718.1	-25.6	ENE	8.2						
	15	719.0	-24.0	ENE	7.3	0	02	20.0	0 0 0	-	
	18	719.9	-24.6	ENE	4.3						
	21	720.9	-30.6	ENE	6.0	0	02	20.0	0 0 0	-	
24	722.5	-34.7	ENE	7.5							
NOV. 24	03	723.4	-36.5	ENE	8.4						
	06	724.9	-33.6	ENE	7.4						
	09	726.0	-28.3	NE	6.9	1		20.0	0 3 0	-	1Ac
	12	726.6	-24.7	NE	5.8						
	15	726.8	-23.3	NNE	5.3	8	02	20.0	0 3 6	-	2Ac, 3Ci, 5Cs
	18	726.8	-24.5	NE	4.8						
	21	726.9	-29.5	ENE	6.0	10-	02	20.0	0 2 6	-	5As, 10-Cs
24	726.9	-31.6	ENE	7.4							
NOV. 25	03	727.0	-31.0	ENE	7.5						
	06	727.0	-28.7	NE	7.8						
	09	727.2	-25.2	NNE	6.7	9		10.0	0 7 6	-	1As, 2Ac, 4Ci, 5Cs
	12	727.4	-20.9	NNE	4.1						
	15	726.7	-20.6	NE	5.7	10	71	5.0	0 7 X	-	
	18	725.1	-22.1	ENE	10.0						
	21	724.1	-23.7	NE	12.6	10	73	0.2	0 2 X	B	
24	722.8	-23.6	NE	14.8							



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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
NOV. 26	03	721.3	-22.5	NNE	16.1						
	06	721.5	-21.8	NNE	13.3						
	09	721.6	-20.1	NNE	12.9	10	73	0.03	0 2 X	A	10As
	12	722.0	-19.0	N	12.6						
	15	722.4	-18.4	N	12.3	10	73	0.05	0 2 X	A	10As
	18	722.8	-19.7	N	10.5						
	21	723.8	-21.5	NNE	8.4	10	71	0.5	0 2 6	D	6As, 10-Cs
	24	724.5	-22.5	NNE	8.7						
NOV. 27	03	725.8	-23.4	NNE	7.0						
	06	726.1	-23.0	NNE	6.8						
	09	727.1	-20.6	N	6.4	10-		5.0	0 7 X	-	4Ac, 6As
	12	728.2	-18.5	NW	3.1						
	15	728.9	-19.0	WSW	2.5	10	71	5.0	0 7 X	-	2Ac, 8As
	18	729.0	-21.0	SW	4.4						
	21	729.1	-22.5	SW	3.6	10	71	4.0	0 2 X	-	10As
	24	728.4	-24.0	SSW	3.5						
NOV. 28	03	727.2	-24.7	SSW	1.3						
	06	726.0	-23.0	SSW	2.0						
	09	725.0	-22.2	SW	3.3	2		20.0	0 3 1	-	2Ac, 0+Ci
	12	724.1	-21.9	SSW	5.8						
	15	723.5	-21.1	SSW	4.2	1	02	20.0	0 3 1	-	1Ac, 0+Ci
	18	723.0	-22.4	SSW	2.7						
	21	722.9	-29.6	SE	3.2	0	02	30.0	0 0 0	-	
	24	722.9	-34.8	E	5.4						
NOV. 29	03	722.9	-35.7	ENE	6.8						
	06	723.1	-32.6	ENE	6.8						
	09	724.0	-27.3	NE	5.0	0	02	30.0	0 0 0	-	
	12	724.9	-22.5	N	4.1						
	15	726.0	-21.0	NW	3.1	8	03	20.0	0 5 0	-	8Ac
	18	726.9	-22.5	NNW	2.7						
	21	728.0	-24.3	SW	2.5	10-	02	10.0	0 7 X	-	2As, 8Ac
	24	729.0	-25.0	SE	2.1						
NOV. 30	03	729.6	-26.6	ESE	3.8						
	06	730.2	-25.9	ESE	5.9						
	09	730.8	-24.6	SE	6.2	3		10.0	0 3 0	-	3Ac
	12	731.3	-25.6	E	5.7						
	15	731.4	-23.5	ENE	4.6	1	02	20.0	0 3 0	-	1Ac
	18	731.5	-23.8	ENE	2.8						
	21	731.5	-30.7	ENE	6.0	0+	02	30.0	0 3 0	-	0+Ac
	24	731.5	-35.0	ENE	7.6						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
DEC. 1	03	731.2	-36.0	ENE	8.2						
	06	731.0	-33.0	ENE	8.3						
	09	731.0	-27.6	NE	8.5	10-		20.0	0 3 6	-	4Ac, 6Ci, 2Cs, 0+Cc
	12	731.4	-23.6	NE	7.3						
	15	730.8	-22.0	NE	7.8	10-	02	10.0	0 7 6	-	2As, 3Ac, 2Cs, 8Ci
	18	730.1	-22.9	ENE	7.8						
	21	730.4	-25.8	NE	7.8	10-	36	15.0	0 7 6	-	0+As, 6Ac, 3Cs, 7Ci
24	731.0	-29.0	ENE	8.0							
DEC. 2	03	731.1	-31.1	ENE	8.7						
	06	731.1	-29.2	ENE	9.8						
	09	731.1	-25.7	ENE	9.3	10-		3.0	0 2 6	-	4As, 4Ci, 6Cs
	12	731.7	-22.5	NE	9.3						
	15	732.4	-20.8	NNE	7.9	10	71	3.0	0 7 6	-	1Ac, 5As, 4Ci, 6Cs
	18	732.9	-20.7	NNE	5.8						
	21	733.9	-24.0	NE	3.8	7	71	10.0	0 7 6	-	0+Ac, 4As, 3Ci, 3Cs
24	734.8	-29.4	ENE	6.7							
DEC. 3	03	735.1	-28.9	E	7.1						
	06	734.9	-28.9	E	7.8						
	09	734.6	-24.0	E	8.1	5		15.0	0 3 2	-	2Ac, 5Ci
	12	734.4	-21.6	ENE	9.7						
	15	733.4	-21.2	ENE	9.6	0+	36	15.0	0 3 0	E	0+Ac
	18	732.1	-21.9	E	10.0						
	21	731.0	-24.9	E	10.6	1	36	5.0	0 0 1	E	1Ci
24	730.5	-28.0	E	12.5							
DEC. 4	03	729.2	-29.4	E	13.6						
	06	727.9	-28.1	E	14.7						
	09	726.7	-24.7	E	15.6	1		0.3	0 3 0	B	1Ac
	12	726.0	-21.6	ENE	15.1						
	15	724.8	-20.4	ENE	12.7	4	38	0.7	0 7 0	E	3As, 1Ac
	18	724.3	-21.1	E	11.3						
	21	723.7	-24.1	E	11.9	5	38	1.0	0 3 2	D	2Ac, 5Ci
24	722.9	-27.6	E	13.1							
DEC. 5	03	722.4	-29.3	E	13.4						
	06	721.5	-28.0	E	13.8						
	09	721.2	-24.7	E	15.4	10-		0.4	0 7 2	B	3As, 2Ac, 10-Ci
	12	721.1	-21.6	ENE	14.4						
	15	721.7	-19.7	ENE	12.6	10-	38	0.6	0 7 6	B	2As, 1Ac, 2Cs, 8Ci
	18	722.2	-20.5	ENE	9.8						
	21	723.2	-22.6	ENE	10.0	9	36	5.0	0 7 6	E	4As, 2Ac, 2Cs, 7Ci
24	724.2	-24.8	E	9.9							

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
DEC. 6	03	725.4	-24.0	ENE	11.6						
	06	727.3	-22.1	ENE	11.5						
	09	729.6	-18.9	ENE	11.9	10		5.0	0 7 6	E	1Ac, 3As, 2Ci, 8Ci
	12	730.7	-16.0	ENE	10.5						
	15	731.6	-14.2	ENE	10.3	8	36	10.0	0 3 2	E	1Ac, 3As, 8Ci
	18	732.0	-16.0	E	13.0						
	21	732.4	-17.4	E	12.0	10	38	3.0	0 7 2	E	6As, 2Ac, 10Ci
24	732.8	-18.0	E	11.8							
DEC. 7	03	732.4	-18.8	E	12.3						
	06	732.1	-17.6	E	13.5						
	09	732.4	-17.0	E	13.8	10-		2.0	0 7 2	D	2Ac, 6As, 10-Ci
	12	734.7	-15.8	NE	12.2						
	15	736.8	-14.8	NE	9.0	10-	36	5.0	0 7 8	E	4As, 2Ac, 4Ci, 5Cs
	18	738.0	-14.7	ENE	4.4						
	21	739.0	-17.1	E	3.6	10-	71	10.0	0 7 2	-	2As, 7Ac, XCi
24	739.4	-19.7	ENE	7.8							
DEC. 8	03	739.5	-24.0	E	9.3						
	06	739.0	-22.1	E	9.0						
	09	738.7	-20.0	E	9.0	3		20.0	0 3 2	-	1Ac, 2Ci
	12	738.5	-17.5	E	9.0						
	15	739.7	-16.3	ENE	8.0	4	02	20.0	0 3 2	-	1Ac, 3Ci
	18	737.0	-17.4	ENE	7.2						
	21	736.8	-21.0	E	6.6	1	02	20.0	0 0 2	-	1Ci
24	736.3	-24.6	E	9.9							
DEC. 9	03	735.1	-25.6	E	11.4						
	06	733.9	-24.1	E	11.4						
	09	732.4	-20.0	E	13.5	8		1.0	0 0 2	D	8Ci
	12	731.7	-17.6	E	15.6						
	15	731.7	-16.8	ENE	15.1	9	38	0.5	0 7 6	B	0+As, 2Ac, 2Cs, 7Ci
	18	731.5	-18.0	E	13.0						
	21	732.3	-20.3	E	13.3	10-	38	0.7	0 7 6	C	0+As, 3Ac, 3Cs, 7Ci
24	733.4	-24.1	E	13.0							
DEC. 10	03	733.5	-26.2	E	13.3						
	06	733.5	-26.0	E	13.0						
	09	733.9	-23.3	ENE	12.5	6		5.0	0 3 2	E	2Ac, 4Ci
	12	735.1	-20.4	ENE	10.6						
	15	736.1	-18.8	ENE	9.5	4	36	10.0	0 3 2	E	1Ac, 3Ci
	18	737.0	-19.3	ENE	7.8						
	21	738.0	-22.7	E	6.8	7	02	20.0	0 3 2	-	0+Ac, 7Ci
24	739.2	-26.5	E	9.7							

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
DEC. 11	03	740.3	-27.8	E	9.4						
	06	740.3	-26.7	E	9.6						
	09	740.9	-23.8	E	9.7	5		10.0	0 0 6	E	0+Cs, 5Ci
	12	741.5	-21.6	E	9.6						
	15	741.9	-19.8	ENE	9.6	7	36	20.0	0 0 6	E	2Cs, 5Ci
	18	742.6	-20.0	ENE	8.3						
	21	743.3	-23.2	ENE	6.0	5	02	20.0	0 3 2	-	0+Ac, 5Ci
	24	744.1	-24.4	E	5.2						
DEC. 12	03	744.8	-23.2	E	6.5						
	06	744.5	-21.5	E	7.8						
	09	744.4	-20.8	E	9.6	10		1.0	0 7 X	-	6Ac, 10As
	12	744.4	-19.0	ENE	8.3						
	15	743.6	-18.0	ENE	5.2	10-	02	5.0	0 7 X	-	7Ac, 10-As
	18	742.6	-19.3	E	3.7						
	21	742.3	-23.3	E	3.3	3	02	15.0	0 7 0	-	3Ac
	24	741.2	-29.1	E	6.1						
DEC. 13	03	740.1	-30.6	E	7.8						
	06	739.1	-27.3	ENE	9.9						
	09	739.0	-22.2	ENE	10.3	2		10.0	0 3 0	-	2Ac
	12	738.8	-20.9	ENE	10.3						
	15	738.8	-19.3	NE	6.5	3	02	15.0	0 3 0	-	3Ac
	18	738.6	-19.6	NE	3.3						
	21	738.4	-23.0	E	4.5	3	02	20.0	0 3 0	-	3Ac
	24	738.0	-28.6	E	4.3						
DEC. 14	03	737.4	-30.5	E	6.3						
	06	736.4	-27.8	ENE	7.6						
	09	735.9	-22.5	E	8.2	1		15.0	0 3 1	-	1Ac, 0+Ci
	12	735.4	-18.9	ENE	8.6						
	15	734.2	-17.9	ENE	5.6	3	02	20.0	0 3 0	-	3Ac
	18	732.5	-18.6	SE	3.7						
	21	731.0	-22.4	ESE	6.0	1	02	20.0	0 3 0	-	1Ac
	24	730.6	-25.5	E	8.6						
DEC. 15	03	730.4	-26.7	E	9.3						
	06	730.5	-25.6	E	9.8						
	09	730.9	-22.7	E	10.2	10-		20.0	0 0 2	-	10-Ci
	12	731.5	-20.2	ENE	8.6						
	15	732.0	-18.3	ENE	6.6	9	02	20.0	0 0 2	-	9Ci
	18	732.1	-18.6	ENE	3.8						
	21	732.2	-23.2	E	4.2	3	02	20.0	0 0 2	-	3Ci
	24	732.9	-28.0	E	7.0						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
DEC. 16	03	732.7	-29.1	E	8.3						
	06	733.0	-26.0	ENE	8.8						
	09	733.4	-21.2	ENE	6.8	9		10.0	0 3 0	-	9Ac
	12	733.8	-19.2	ENE	5.3						
	15	733.6	-19.5	E	4.5	8	02	20.0	0 3 0	-	8Ac
	18	733.0	-20.7	E	5.2						
	21	732.7	-24.3	ESE	4.2	1	02	20.0	0 3 0	-	1Ac
	24	732.5	-29.0	E	6.8						
DEC. 17	03	733.0	-30.2	E	8.0						
	06	733.0	-28.0	E	7.8						
	09	733.0	-24.3	E	7.7	0		20.0	0 0 0	-	
	12	733.3	-22.0	E	6.7						
	15	733.0	-20.2	ENE	5.0	5	02	20.0	0 3 0	-	5Ac
	18	732.9	-21.0	ENE	5.6						
	21	732.4	-24.5	E	4.2	3	02	20.0	0 3 0	-	3Ac
	24	732.2	-29.0	E	6.9						
DEC. 18	03	732.0	-30.3	E	7.4						
	06	731.7	-27.2	E	8.0						
	09	732.0	-22.5	E	7.2	2		15.0	0 0 5	-	2Ci
	12	731.7	-19.4	ENE	5.6						
	15	731.0	-17.9	ENE	5.3	4	03	20.0	0 3 2	-	2Ac, 2Ci
	18	730.5	-18.1	ENE	3.5						
	21	730.4	-22.9	E	4.7	0	02	20.0	0 0 0	-	
	24	730.2	-27.9	E	6.6						
DEC. 19	03	730.1	-29.4	E	8.3						
	06	729.9	-26.9	E	9.3						
	09	730.4	-22.3	E	9.7	0		15.0	0 0 0	-	
	12	730.8	-18.7	ENE	8.8						
	15	731.0	-17.6	ENE	8.4	0	02	20.0	0 0 0	-	
	18	730.9	-18.0	ENE	4.9						
	21	736.1	-21.6	E	5.5	1	02	20.0	0 3 0	-	1Ac
	24	732.6	-24.3	E	9.6						
DEC. 20	03	732.9	-25.8	ENE	11.1						
	06	733.8	-24.2	E	11.8						
	09	735.4	-21.2	ENE	11.8	0		20.0	0 0 0	E	
	12	736.7	-18.6	ENE	11.6						
	15	737.6	-17.8	ENE	10.6	3	38	2.0	0 7 0	E	3Ac
	18	738.4	-18.6	ENE	8.8						
	21	738.8	-22.2	E	6.5	2	02	10.0	0 7 0	-	2Ac
	24	738.9	-25.6	E	9.4						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
DEC. 21	03	738.0	-25.4	ENE	9.3						
	06	737.9	-22.6	ENE	9.5						
	09	737.3	-18.0	ENE	9.2	1		10.0	0 3 0	E	1Ac
	12	736.7	-15.2	ENE	10.3						
	15	735.0	-14.5	ENE	10.0	2	36	10.0	0 3 1	E	1Ac, 1Ci
	18	733.3	-15.6	E	9.9						
	21	737.1	-19.3	E	9.4	1	36	20.0	0 3 0	E	1Ac
24	730.5	-22.9	E	11.6							
DEC. 22	03	729.2	-24.6	E	13.0						
	06	728.2	-23.3	E	13.2						
	09	728.2	-19.6	E	12.4	1		10.0	0 0 1	E	1Ci
	12	728.1	-16.0	E	11.1						
	15	729.0	-13.0	E	10.3	1	36	10.0	0 3 1	E	1Ac, 1Ci
	18	730.0	-14.0	E	8.2						
	21	731.0	-18.0	E	8.0	0	02	20.0	0 0 0	-	
24	732.5	-21.3	E	9.7							
DEC. 23	03	733.4	-22.3	E	10.7						
	06	734.4	-20.0	E	10.6						
	09	736.3	-18.0	E	13.7	5		10.0	0 7 2	E	1As, 1Ac, 3Ci
	12	738.0	-15.8	E	13.7						
	15	740.3	-13.6	E	8.9	7	36	10.0	0 7 2	E	1As, 2Ac, 5Ci
	18	741.4	-14.0	E	7.0						
	21	742.7	-17.3	ESE	8.5	9	02	20.0	0 7 8	-	3Ac, 0+Cc, 2Ci, 7Cs
24	743.9	-22.1	E	9.3							
DEC. 24	03	743.5	-24.0	E	11.5						
	06	743.4	-22.0	E	10.8						
	09	743.0	-18.5	E	11.3	1		0.8	0 3 0	B	1Ac
	12	743.0	-16.3	E	14.6						
	15	742.7	-14.6	E	10.8	1	38	2.0	0 3 0	E	1Ac
	18	742.0	-13.6	E	8.3						
	21	740.9	-16.7	ESE	7.8	2	36	10.0	0 3 0	E	2Ac
24	740.9	-20.6	ESE	7.5							
DEC. 25	03	740.5	-22.0	ESE	9.8						
	06	738.7	-20.2	E	9.8						
	09	738.0	-16.3	E	10.7	0		10.0	0 0 0	-	
	12	737.5	-13.9	E	11.3						
	15	736.9	-12.6	E	10.7	2	36	10.0	0 3 0	E	2Ac
	18	735.5	-13.2	E	9.0						
	21	737.0	-16.5	E	7.3	1	02	20.0	0 3 0	-	1Ac
24	738.0	-20.5	E	9.1							

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
DEC. 26	03	739.3	-19.2	ENE	6.4						
	06	740.0	-17.4	E	7.0						
	09	740.5	-16.4	E	7.7	3		20.0	0 7 0	-	3Ac
	12	740.9	-15.7	E	9.2						
	15	739.8	-14.8	ENE	10.8	0+	02	20.0	0 3 0	-	0+Ac
	18	739.0	-15.4	ENE	8.6						
	21	739.0	-19.0	E	7.2	1	02	20.0	0 3 1	-	0+Ac, 1Ci
	24	739.5	-24.3	E	6.1						
DEC. 27	03	738.3	-24.7	E	8.2						
	06	737.7	-23.5	E	8.7						
	09	737.0	-18.7	E	9.3	3		20.0	0 0 2	-	3Ci
	12	736.2	-16.5	E	9.0						
	15	735.0	-16.0	E	8.6	1	02	20.0	0 3 0	-	1Ac
	18	733.7	-17.1	E	8.4						
	21	733.0	-18.8	E	8.2	9	02	20.0	0 3 0	-	9Ac
	24	733.0	-19.6	E	7.4						
DEC. 28	03	731.9	-20.0	E	8.3						
	06	732.0	-19.2	E	9.0						
	09	733.0	-18.0	ENE	9.9	4		20.0	0 3 2	-	3Ac, 2Ci
	12	733.3	-17.0	ENE	8.8						
	15	732.8	-16.6	E	7.3	8	02	20.0	0 3 6	-	6Ac, 4Cs
	18	732.0	-16.6	ENE	6.6						
	21	732.0	-20.5	E	4.9	1	02	20.0	0 3 1	-	1Ac, 0+Ci
	24	733.1	-24.1	E	7.3						
DEC. 29	03	733.5	-24.3	E	6.4						
	06	733.0	-19.2	ENE	4.6						
	09	733.6	-16.2	ENE	6.6	10-		10.0	0 3 0	-	10-Ac
	12	733.7	-14.3	ENE	8.2						
	15	733.0	-13.9	ENE	8.2	10-	02	10.0	0 7 X	-	10-Ac
	18	732.6	-15.7	E	5.5						
	21	732.6	-18.8	E	6.3	1	02	20.0	0 3 0	-	1Ac
	24	732.1	-23.0	E	8.0						
DEC. 30	03	731.2	-24.6	E	8.9						
	06	730.0	-24.2	E	8.6						
	09	739.0	-19.0	E	8.5	0		20.0	0 0 0	-	
	12	728.0	-16.3	E	10.8						
	15	727.0	-15.3	E	9.0	3	02	20.0	0 0 2	-	3Ci
	18	726.6	-15.9	ENE	6.9						
	21	727.2	-19.7	E	5.2	1	02	20.0	0 0 2	-	1Ci
	24	728.0	-24.4	E	7.2						

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DATE	LT	PST (mb)	TT (°C)	DD (16)	VV (m/s)	N	WW	V (km)	CLCMCH	BS	PHENOMENA
DEC. 31	03	728.0	-25.5	E	8.4						
	06	728.7	-23.0	E	7.2						
	09	729.8	-18.4	ENE	8.3	7		20.0	0 3 0	-	7Ac
	12	730.9	-17.1	ENE	8.1						
	15	731.5	-15.3	NNE	6.0	10-	02	20.0	0 3 2	-	9Ac, XCi
	18	732.6	-16.3	ENE	5.8						
	21	733.8	-18.1	NNE	4.4	10	02	15.0	0 7 X	-	3As, 7Ac
	24	735.2	-18.2	E	5.4						

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