

Meteorological Reports for ICARDA Experiment Stations in Syria and Lebanon

1990/91



International Center for Agricultural Research in the Dry Areas

Established in 1977, the International Center for Agricultural Research in the Dry Areas (ICARDA) is governed by an independent Board of Trustees. Based at Aleppo, Syria, it is one of 16 centers supported by the Consultative Group on International Agricultural Research (CGIAR), which is an international group of representatives of donor agencies, eminent agricultural scientists, and institutional administrators from developed and developing countries who guide and support its work.

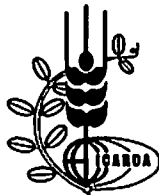
The CGIAR seeks to enhance and sustain food production and, at the same time, improve socioeconomic conditions of people, through strengthening national research systems in developing countries.

ICARDA focuses its research efforts on areas with a dry summer and where precipitation in winter ranges from 200 to 600 mm. The Center has a world responsibility for the improvement of barley, lentil, and faba bean, and a regional responsibility—in West Asia and North Africa—for the improvement of wheat, chickpea, and pasture and forage crops and the associated farming systems.

Much of ICARDA's research is carried out on a 948-hectare farm at its headquarters at Tel Hadya, about 35 km southwest of Aleppo. ICARDA also manages other sites where it tests material under a variety of agroecological conditions in Syria and Lebanon. However, the full scope of ICARDA's activities can be appreciated only when account is taken of the cooperative research carried out with many countries in West Asia and North Africa.

The results of research are transferred through ICARDA's cooperation with national and regional research institutions, with universities and ministries of agriculture, and through the technical assistance and training that the Center provides. A range of training programs are offered extending from residential courses for groups to advanced research opportunities for individuals. These efforts are supported by seminars, publications, and by specialized information services.

Meteorological Reports for ICARDA Experiment Stations in Syria and Lebanon: 1990/91



**International Center for Agricultural Research in the Dry Areas
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The Weather in Northern Syria during the 1990/91 Season

In contrast to the two previous cropping seasons, which had been dry, the 1990/91 season had a total seasonal rainfall only just below the long term average. The early part of the season was fairly dry over wide parts of northern Syria and much of the rain fell in the spring. Except during May, thermal conditions during the growing season were close to the long-term average, with fewer cold spells affecting plant growth and many fewer frost days than during the previous winter (the 35 frost days recorded at Tel Hadya represent exactly the average for the site). Because of this, because there was more moisture available to crops, and because the distribution of rainfall was such that plants could make more efficient use of it, crop yields were generally up from the low levels of the two previous years.

The first significant rains fell during the last decade of October and the first decade of November. Some more rain followed during the first decade of December. In the barley growing areas, represented by the stations of Boueidar, Ghreife and Breda, rainfall up to the end of December was insufficient to allow emergence of barley. Germination occurred, however, so that when the rain finally returned during the first week of January, the crops emerged very fast indeed.

In the wheat growing areas, represented at the dry end of the range by Tel Hadya and by Jindiress at the wetter end, the picture was more complex. In the drier areas, rainfall in late October and early November provided enough moisture to enable some of the early planted wheat crops to emerge. But then followed three weeks without any rain, and December rainfall was sparse. As a result, these early crops suffered from severe moisture stress which reduced their yield potential unless they were irrigated. As in the barley area, at Tel Hadya plentiful rainfall started only at the beginning of January.

In the wetter wheat growing areas, however, rainfall was heavy during the third decade of October (at Jindiress 48.5 mm fell on 24 October) and sufficient to sustain growth during November and December. The growing season at Jindiress started, therefore, ten weeks before it started at the other sites. At Tel Hadya, these ten weeks growing period length could be gained through supplemental irrigation, turning the "false start" into a real one.

While January rainfall was ample, the February total stayed below the long-term average, especially in the barley growing areas. There was, however, enough moisture left in the soil to prevent undue stress to crops. From March to May, the rainfall was above average, although the May rainfall was of little benefit to crops. The soil profile started to dry out from the second decade of April onwards.

While the season so far had been neither unduly warm nor cool, May was exceptionally cold. It was the coldest May recorded at Jindiress since the ICARDA station was set up there. Even more remarkable, the -0.1°C measured at Boueidar on 10 May constitutes the first sub-zero temperature ever observed at an ICARDA station in Syria in May. Another unusual event was the hailstorm on 21 May at Tel Hadya, which caused very serious damage to those cereal crops which had not yet been harvested.

Table 1.1 Monthly precipitation (mm) for the 1990/91 season

	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	TOTAL
<u>Jindiress</u>													
1990/91 season	3.2	61.0	38.4	32.9	70.3	50.5	70.6	82.7	28.4	0.0	0.0	0.0	438.0
Long term average (31s.)	1.4	31.4	55.1	92.0	84.1	73.9	65.9	43.7	19.3	2.3	0.3	0.8	470.2
% of long term average	228	194	70	36	84	68	107	189	147	0	0	0	93
<u>Tel Hadva</u>													
1909/91 season	1.6	7.8	19.0	21.7	71.9	35.0	73.3	38.7	21.1	0.0	0.0	0.0	290.1
Long term average (13s.)	0.5	24.5	48.5	53.8	61.0	50.2	43.8	28.4	14.2	3.0	0.0	0.1	328.0
% of long term average	320	32	39	40	118	70	167	136	149	0	n/a	0	88
<u>Breda</u>													
1990/91 season	0.0	4.4	26.2	12.4	50.9	20.6	60.0	35.2	31.6	0.0	0.0	0.0	241.3
Long term average (33s.)	1.2	16.9	30.8	53.3	48.7	38.3	34.4	31.4	16.1	1.5	0.1	0.0	272.7
% of long term average	0	26	85	23	105	54	174	112	196	0	0	n/a	88
<u>Boueidar</u>													
1990/91 season	0.0	4.4	15.8	21.4	52.0	18.8	61.8	22.6	16.6	0.0	0.0	0.0	213.4
Long term average (18s.)	0.1	14.7	23.0	35.0	37.6	33.9	29.6	17.5	9.4	0.7	0.1	0.0	201.6
% of long term average	0	30	69	61	138	55	209	129	177	0	0	n/a	106
<u>Ghrerife</u>													
1990/91 season	0.0	4.2	22.8	18.8	57.8	16.4	68.4	23.2	20.2	0.0	0.0	0.0	231.8
Long term average (6s.)	0.0	38.6	23.8	38.5	44.0	35.4	38.0	13.3	12.1	0.6	0.0	0.0	244.3
% of long term average	n/a	11	96	49	131	46	180	174	167	0	n/a	n/a	95
<u>Terbol</u>													
1990/91 season	0.0	8.0	47.8	42.6	128.8	80.0	121.8	44.6	57.8	0.0	0.0	0.0	531.4
Long term average (9s.)	0.0	23.9	62.4	77.9	91.2	97.4	95.6	26.2	13.4	0.6	0.3	0.0	488.9
% of long term average	n/a	33	77	55	141	82	127	170	431	0	0	n/a	109

Table 1.2 Monthly air temperature (°C) for the 1990/91 season

	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
<u>Jindiress</u>												
Mean max.	32.4	28.4	21.1	15.0	11.3	11.9	17.7	22.6	23.4	32.9	33.3	33.9
Mean min.	17.6	14.6	8.5	3.8	1.9	2.2	7.2	9.4	8.7	16.6	21.9	22.5
Average	25.0	21.5	14.8	9.4	6.7	7.1	12.4	16.0	16.1	24.8	27.7	28.2
Abs. max.	36.7	36.6	28.6	21.1	16.8	18.6	26.3	29.6	29.2	38.5	37.2	38.0
Abs. min.	11.1	8.4	0.2	-4.4	-5.3	-4.8	-2.0	4.6	3.8	5.1	16.7	18.3
<u>Tel Hadya</u>												
Mean max.	34.0	29.4	22.1	15.3	11.2	13.3	18.1	23.8	27.9	35.3	35.3	36.6
Mean min.	16.9	12.8	7.2	2.6	0.9	1.6	6.3	8.2	12.1	17.1	21.1	21.8
Average	25.5	21.1	14.7	9.0	6.1	7.5	12.2	16.0	20.0	26.2	28.3	29.3
Abs. max.	37.8	35.1	29.4	19.8	18.2	18.3	27.8	31.3	33.3	41.5	39.7	39.8
Abs. min.	10.3	5.1	-0.4	-5.5	-5.5	-6.4	-4.6	2.9	6.7	8.4	16.6	17.0
<u>Breda</u>												
Mean max.	33.9	28.7	21.4	14.5	10.1	12.7	17.8	23.8	25.7	34.9	35.8	37.0
Mean min.	15.7	12.5	7.6	2.1	1.1	1.7	6.9	8.5	10.2	16.9	21.4	21.2
Average	24.8	20.6	14.5	8.3	5.6	7.2	12.3	16.1	17.9	25.9	28.6	29.1
Abs. max.	38.0	34.9	28.5	19.1	16.8	17.2	27.1	33.0	32.0	41.5	39.9	41.0
Abs. min.	10.0	6.7	0.1	-6.9	-4.2	-4.6	-5.7	3.2	3.9	7.0	17.7	17.6
<u>Boueidar</u>												
Mean max.	33.4	28.4	21.1	14.0	10.5	13.0	18.5	26.1	26.1	35.3	36.0	36.1
Mean min.	12.7	9.7	4.9	0.7	0.9	1.3	6.5	9.4	9.0	14.0	16.3	16.2
Average	23.1	19.1	13.0	7.3	5.7	7.1	12.5	17.8	17.5	24.7	26.1	26.2
Abs. max.	37.4	33.9	28.3	19.6	17.8	19.1	28.3	36.9	35.0	41.6	40.0	40.2
Abs. min.	8.1	5.0	-1.4	-5.5	-4.5	-5.0	-4.4	3.2	-0.1	4.3	9.8	11.0
<u>Ghrerife</u>												
Mean max.	34.1	29.3	21.5	14.9	11.1	13.4	18.4	24.6	25.9	35.8	35.3	35.1
Mean min.	17.7	14.7	8.5	3.5	2.5	3.3	8.2	11.4	11.5	18.4	20.2	19.3
Average	25.9	22.0	15.0	9.2	6.8	8.4	13.3	17.8	18.7	27.1	27.8	27.2
Abs. max.	37.6	35.0	28.2	19.4	17.0	18.7	27.2	35.0	32.9	41.9	40.2	38.8
Abs. min.	13.8	9.7	1.0	-4.1	-2.2	-3.4	-1.9	6.5	3.9	8.6	14.0	15.6
<u>Terbol</u>												
Mean max.	31.0	27.0	21.9	16.3	11.3	12.6	17.2	22.3	24.3	31.5	31.7	32.3
Mean min.	10.0	7.8	4.8	2.1	-0.4	0.8	4.0	5.8	7.7	9.4	11.2	12.1
Average	20.5	17.4	13.4	9.2	5.5	6.7	10.6	14.1	16.0	20.4	21.4	22.2
Abs. max.	35.0	32.5	28.0	26.5	16.0	19.0	30.0	31.0	31.0	38.5	37.0	37.0
Abs. min.	5.5	2.5	-2.0	-4.0	-6.0	-4.0	-3.0	-1.0	1.0	2.0	6.5	8.0

Table 1.3 Frost events during the 1990/91 season

	NOV	DEC	JAN	FEB	MAR	APR	MAY	SEASON
<u>Jindiress</u>								
No. of frost days	-	8	6	9	2	-	-	25
Abs. min. (°C)	-	-4.4	-5.3	-4.8	-2.0	-	-	-5.3
<u>Tel Hadya</u>								
No. of frost days	1	9	13	9	3	-	-	35
Abs. min. (°C)	-0.4	-5.5	-5.5	-6.4	-4.6	-	-	-6.4
<u>Breda</u>								
No. of frost days	-	10	14	9	2	-	-	35
Abs. min. (°C)	-	-6.9	-4.2	-4.6	-5.7	-	-	-6.9
<u>Boueidar</u>								
No. of frost days	2	14	14	12	2	-	1	45
Abs. min. (°C)	-1.4	-5.5	-4.5	-5.0	-4.4	-	-0.1	-5.5
<u>Ghrerife</u>								
No. of frost days	-	9	9	9	1	-	-	28
Abs. min. (°C)	-	-4.1	-2.2	-3.4	-1.9	-	-	-4.1
<u>Terbol</u>								
No. of frost days	2	10	21	15	7	1	-	56
Abs. min. (°C)	-2.0	-4.0	-6.0	-4.0	-3.0	-1.0	-	-6.0

Table 1.4 Frost events at 5 cm above the ground during the 1990/91 season

	NOV	DEC	JAN	FEB	MAR	APR	MAY	SEASON
<u>Tel Hadya</u>								
Frost days	2	11	14	14	4	-	-	45
Abs. min.	-1.6	-7.1	-8.0	-8.5	-6.6	-	-	-8.5

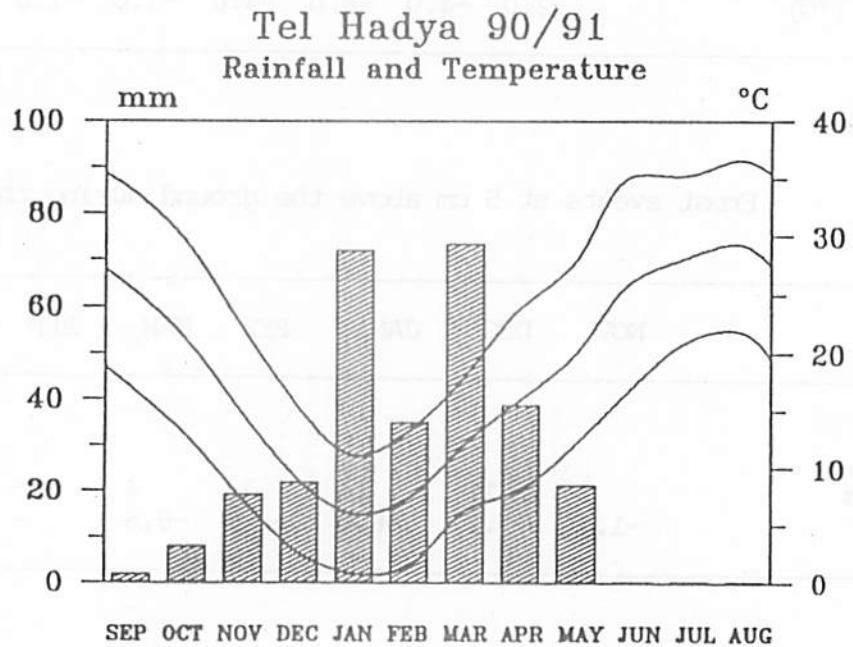
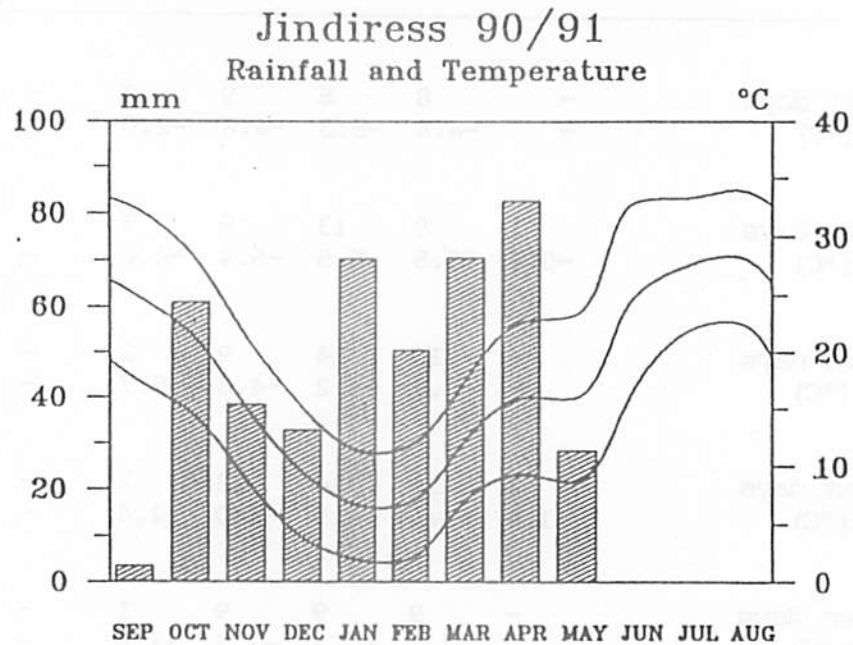


Figure 1: Precipitation, maximum, mean and minimum air temperature for ICARDA station in Syria and Lebanon.

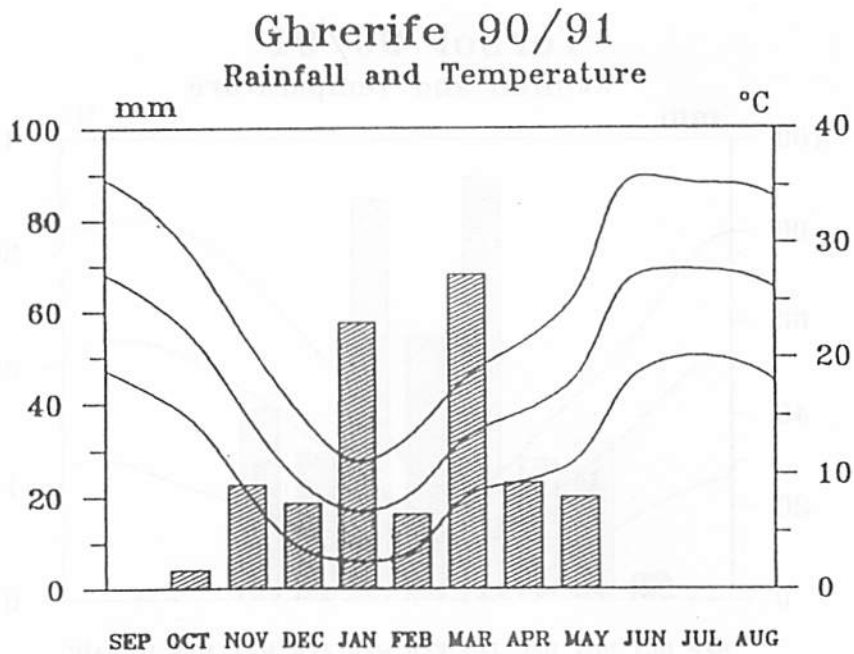
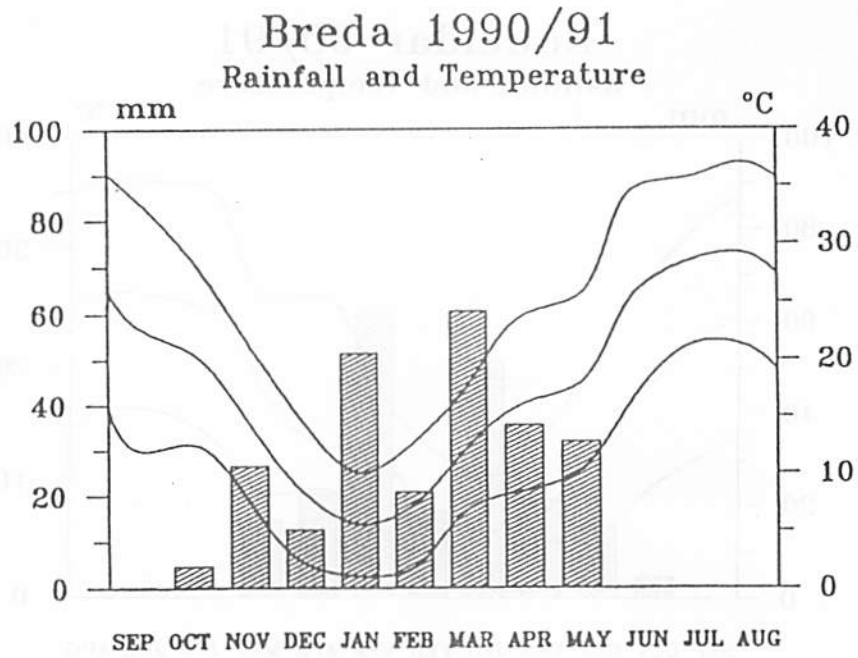


Figure 1 continued

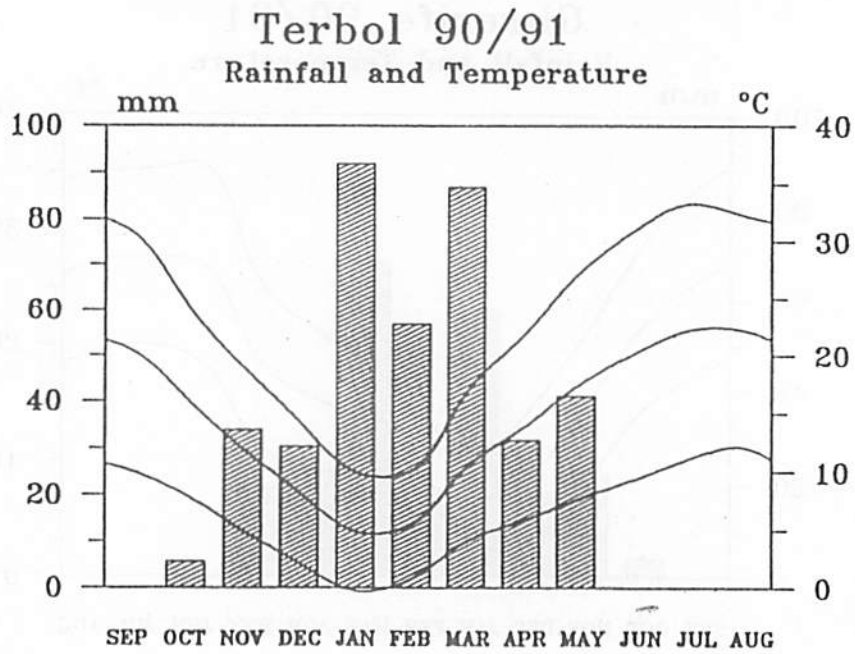
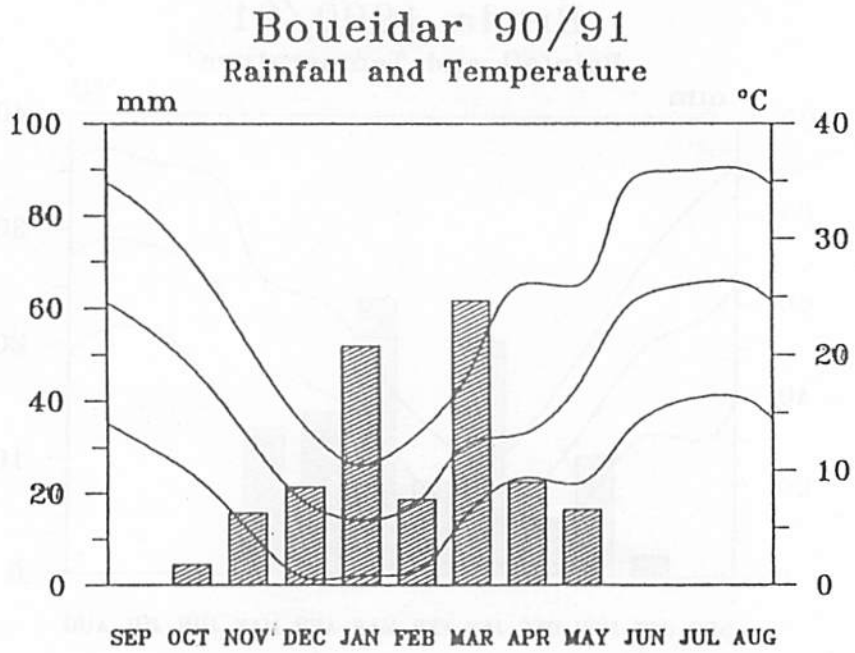


Figure 1 continued

JINDIRESS

(SYRIA)

1990-1991 Season

Latitude	Longitude	Elevation
36°24'N	36°44'E	210 m

Mean maximum and minimum air temperature (°C)
from 1979-80 to 1990-91 season at JINDIRESS

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Mean
Maximum Temperature													
1979-80	m	m	m	11.9	6.7	10.9	14.2	19.6	28.1	m	m	m	(15.3)
1980-81	(29.6)	27.6	20.7	13.4	11.1	13.5	18.2	22.4	26.9	33.8	36.1	35.5	(23.7)
1981-82	34.1	28.3	16.3	14.0	11.9	11.8	16.3	22.2	27.2	32.5	32.5	33.8	23.4
1982-83	33.2	25.7	14.7	11.5	8.6	11.8	16.9	21.8	28.1	32.3	34.0	33.9	22.7
1983-84	32.8	26.5	19.5	14.1	12.4	15.6	17.9	21.2	29.9	33.2	34.2	34.1	24.3
1984-85	33.8	28.5	16.2	11.4	11.7	8.8	16.6	22.7	29.9	32.5	34.5	37.3	23.7
1985-86	32.7	23.7	21.2	12.6	12.6	14.6	19.7	25.1	26.2	32.7	34.7	34.7	24.2
1986-87	34.2	26.8	17.4	13.1	12.3	15.8	14.5	22.8	28.9	31.8	35.3	35.8	24.1
1987-88	32.9	26.0	18.9	12.3	11.1	12.3	15.2	22.0	28.0	32.2	36.7	35.0	23.6
1988-89	33.1	24.5	14.8	12.2	11.3	15.1	19.8	29.5	31.1	31.6	34.5	33.7	24.3
1989-90	32.4	25.0	18.5	11.3	10.9	13.5	20.0	24.2	30.0	33.2	(33.9)	(34.3)	(23.7)
1990-91	32.4	28.4	21.1	15.0	11.3	11.9	17.7	22.6	23.4	32.9	33.3	33.9	23.6
Mean	33.1	26.4	18.1	12.7	10.9	12.9	17.2	23.0	28.1	32.6	34.5	34.7	23.7
Minimum Temperature													
1979-80	m	m	m	4.2	0.1	1.6	5.1	8.3	11.4	m	m	m	(5.1)
1980-81	(13.3)	12.4	6.7	3.4	4.4	3.6	7.8	7.7	10.2	16.7	20.6	21.5	(10.5)
1981-82	16.9	11.2	4.5	6.0	3.8	-0.1	2.2	8.4	10.8	15.2	19.1	19.4	9.8
1982-83	17.6	11.0	2.2	1.4	-0.3	2.4	5.2	7.6	12.4	16.5	20.3	19.6	9.7
1983-84	16.7	10.3	9.7	3.8	3.8	3.2	6.5	8.8	12.8	17.2	21.2	20.2	11.2
1984-85	18.6	11.7	7.9	0.3	4.6	0.0	2.8	8.8	13.5	17.6	19.5	21.3	10.4
1985-86	17.7	9.1	9.0	3.3	4.2	5.7	6.7	9.3	11.9	17.7	21.7	21.6	11.5
1986-87	18.5	13.0	4.8	2.0	4.1	5.6	3.9	8.2	12.2	16.5	20.9	20.7	10.9
1987-88	17.2	12.4	7.0	5.9	3.5	4.3	6.1	10.1	13.2	16.8	21.2	21.7	11.6
1988-89	17.1	12.4	6.0	4.4	-2.1	0.9	7.6	11.3	14.4	18.2	21.9	23.3	11.3
1989-90	18.3	11.6	7.5	4.1	-0.9	2.7	4.6	9.4	13.0	17.4	(22.4)	(21.1)	(10.9)
1990-91	17.6	14.6	8.5	3.8	1.9	2.2	7.2	9.4	8.7	16.6	21.9	22.5	11.2
Mean	17.6	11.7	6.7	3.5	2.2	2.6	5.4	8.9	12.0	16.9	20.8	21.1	10.8

**Total monthly precipitation (mm)
from 1979-80 to 1990-91 season at JINDIRESS**

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Precipitation													
1979-80	m	m	(9.4)	59.8	72.7	69.5	67.2	87.2	3.0	(0.0)	m	m	(359)
1980-81	0.0	11.2	15.6	91.4	151.5	58.9	49.1	41.0	35.0	18.0	0.0	0.0	472
1981-82	0.0	7.0	64.3	105.0	48.7	35.7	38.3	44.0	6.0	0.0	0.0	0.0	349
1982-83	0.0	52.3	42.1	63.9	35.4	87.4	67.2	45.6	18.6	4.1	0.0	0.0	417
1983-84	1.4	21.6	126.8	22.6	51.3	39.2	60.4	68.8	0.0	0.0	0.0	0.0	392
1984-85	0.0	26.4	82.4	44.4	102.3	108.3	30.3	5.6	8.8	0.0	0.0	0.0	409
1985-86	0.0	23.6	57.4	54.2	95.5	102.4	23.6	28.8	19.8	3.6	0.0	0.0	409
1986-87	0.0	30.0	70.6	115.0	161.9	83.0	118.6	18.8	2.8	0.0	0.0	0.0	601
1987-88	0.0	117.4	65.7	85.0	100.8	78.2	167.1	71.8	22.5	6.4	0.0	0.0	715
1988-89	0.0	61.6	125.6	117.1	11.6	1.2	32.1	0.0	5.0	0.0	0.0	0.0	354
1989-90	0.0	54.0	71.2	57.8	41.8	90.4	6.6	1.0	9.6	1.2	0.0	0.0	333
1990-91	3.2	61.0	38.4	32.9	70.3	50.5	70.6	82.7	28.4	0.0	0.0	0.0	438
Mean	0.4	42.3	69.1	70.0	78.6	67.0	60.9	41.2	13.2	3.0	0.0	0.0	446

**FROST EVENTS AT JINDIRESS
FROM 1979-80 TO 1990-91 SEASON**

	Nov	Dec	Jan	Feb	Mar	Apr	Total
1979-1980 Season							
Number of frost days	.	6	14	9	2	1	32
Absolute Minimum		-3.0	-9.0	-8.0	-2.5	0.0	-9.0
1980-1981 Season							
Number of frost days	3	7	2	6	.	1	19
Absolute Minimum	-2.5	-4.0	-2.5	-2.0		-1.5	-4.0
1981-1982 Season							
Number of frost days	4	.	9	16	10	.	39
Absolute Minimum	-2.8		-5.0	-7.0	-5.0		-7.0
1982-1983 Season							
Number of frost days	9	16	18	4	4	.	51
Absolute Minimum	-5.0	-4.3	-8.5	-5.0	-5.4		-8.5
1983-1984 Season							
Number of frost days	.	9	4	6	1	.	20
Absolute Minimum		-2.2	-1.8	-2.3	-0.4		-2.3
1984-1985 Season							
Number of frost days	1	14	2	11	10	.	38
Absolute Minimum	-1.0	-5.0	-0.8	-8.5	-10.2		-10.2
1985-1986 Season							
Number of frost days	.	5	5	.	.	.	10
Absolute Minimum		-5.0	-5.0				-5.0
1986-1987 Season							
Number of frost days	1	12	3	4	.	.	20
Absolute Minimum	-2.0	-4.3	0.0	-1.8			-4.3
1987-1988 Season							
Number of frost days	.	4	5	3	1	.	13
Absolute Minimum		-6.0	-2.0	-1.2	-2.0		-6.0
1988-1989 Season							
Number of frost days	3	5	25	13	1	.	47
Absolute Minimum	-3.9	-3.8	-8.7	-8.1	-0.3		-8.7
1989-1990 Season							
Number of frost days	2	5	21	9	2	1	40
Absolute Minimum	-0.8	-0.4	-7.0	-3.3	-3.7	-0.9	-7.0
1990-1991 Season							
Number of frost days	.	8	6	9	2	.	25
Absolute Minimum		-4.4	-5.3	-4.8	-2.0		-5.3

JINDIRESS 1990/91
Air Temperature

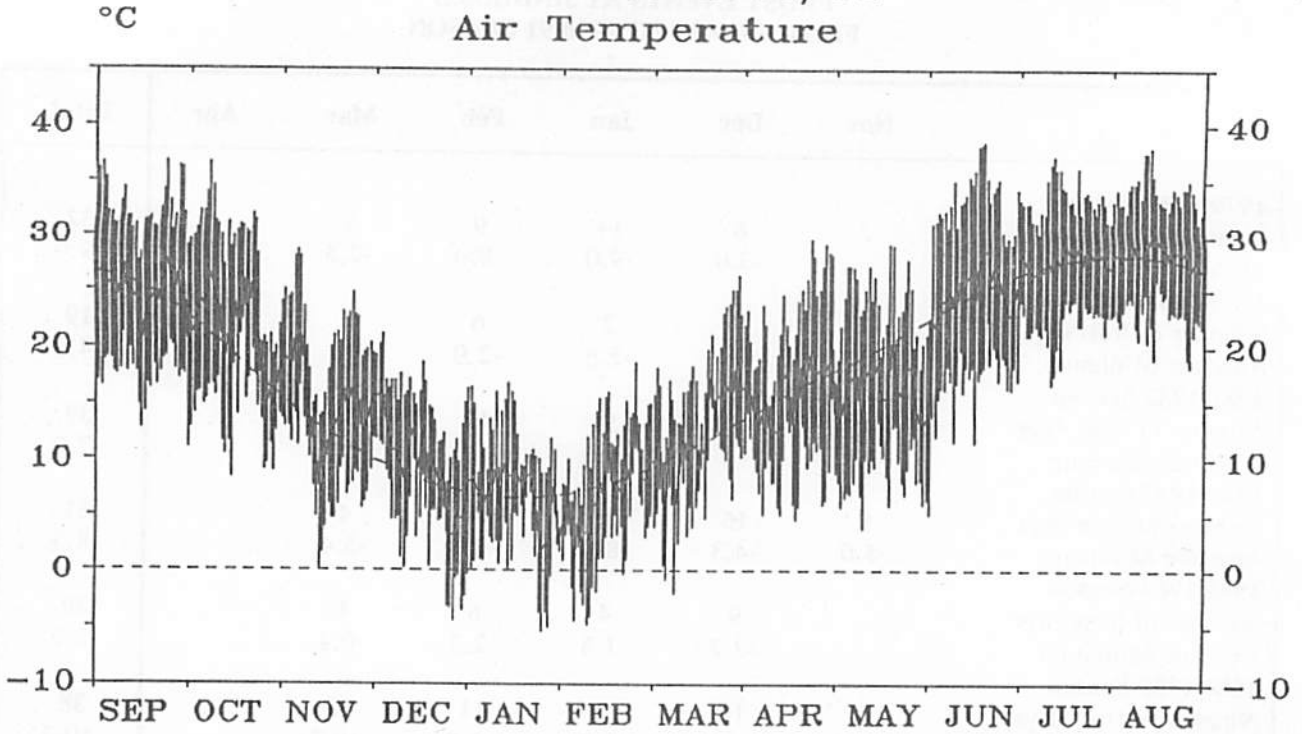


Figure 2: Daily maximum and minimum air temperature (vertical bars) and daily mean air temperature during 1990/91 (thin solid line) compared to the long term average (broken line).

JINDIRESS 1990/91
Cumulative Rainfall

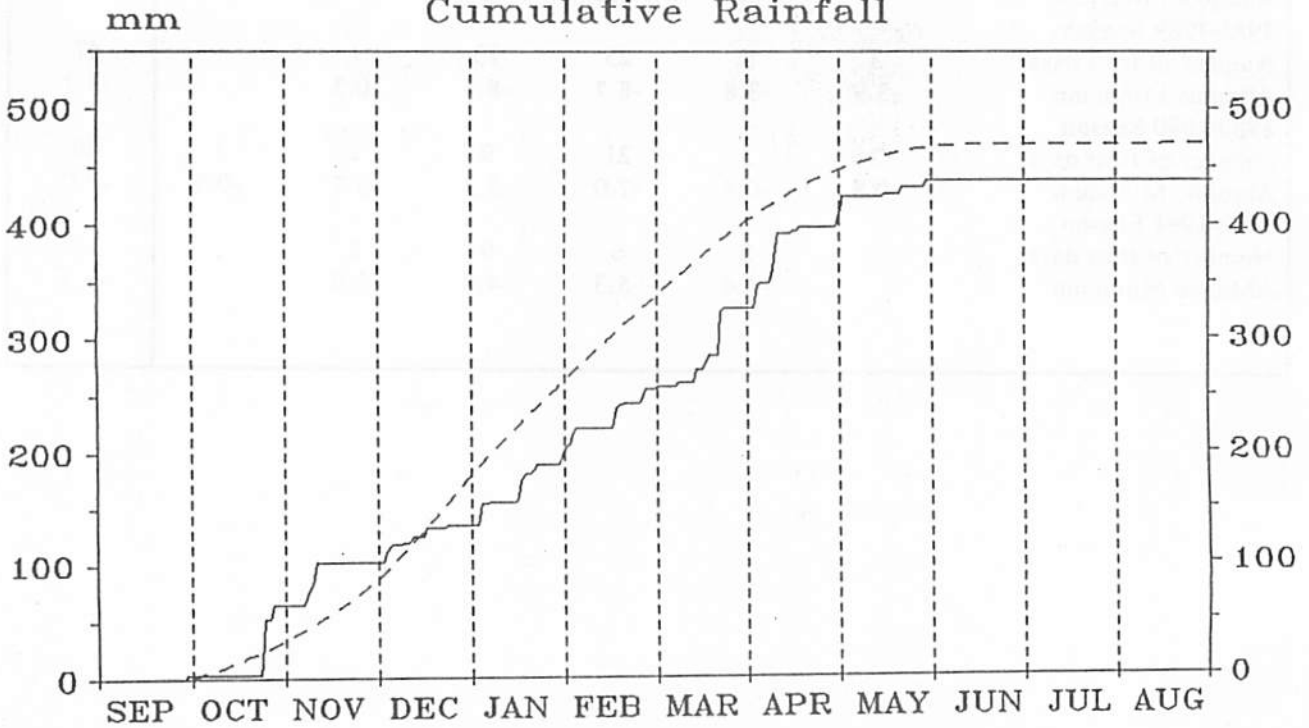


Figure 3: Cumulative daily rainfall 1990/91 compared to the long term average (broken line).

JINDIRESS - MONTHLY SUMMARY OF CLIMATIC DATA I
SEASON 1990/91

Month	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
September					
Mean/Tot.	32.4	17.6	25.0	23.6	3.2
Abs.Max.	36.7	21.3	28.0	27.4	3.2
Abs.Min.	27.6	11.1	20.0	19.8	0.0
October					
Mean/Tot.	28.4	14.6	21.5	17.2	61.0
Abs.Max.	36.6	22.4	26.6	22.6	48.5
Abs.Min.	19.3	8.4	14.1	9.6	0.0
November					
Mean/Tot.	21.1	8.5	14.8	12.5	38.4
Abs.Max.	28.6	16.5	22.3	16.4	20.0
Abs.Min.	13.8	0.2	7.0	6.9	0.0
December					
Mean/Tot.	15.0	3.8	9.4	9.9	32.9
Abs.Max.	21.1	11.8	16.2	16.6	8.6
Abs.Min.	7.9	-4.4	2.3	4.5	0.0
January					
Mean/Tot.	11.3	1.9	6.6	8.9	70.3
Abs.Max.	16.8	7.0	10.2	22.7	19.2
Abs.Min.	3.8	-5.3	1.8	0.2	0.0
February					
Mean/Tot.	11.9	2.2	7.0	12.1	50.5
Abs.Max.	18.6	11.0	14.8	19.9	17.2
Abs.Min.	5.9	-4.8	1.4	2.2	0.0
March					
Mean/Tot.	17.7	7.2	12.4	16.3	70.6
Abs.Max.	26.3	14.6	18.8	28.1	37.8
Abs.Min.	9.7	-2.0	5.1	3.2	0.0
April					
Mean/Tot.	22.6	9.4	16.0	22.3	82.7
Abs.Max.	29.6	15.5	21.8	31.4	19.2
Abs.Min.	14.8	4.6	11.9	4.4	0.0
May					
Mean/Tot.	23.4	8.7	16.1	(26.7)	28.4
Abs.Max.	29.2	13.4	21.0	(33.5)	14.8
Abs.Min.	16.8	3.8	12.8	(8.1)	0.0
June					
Mean/Tot.	32.9	16.6	24.8	(29.9)	0.0
Abs.Max.	38.5	22.3	28.8	(33.2)	0.0
Abs.Min.	22.3	5.1	13.7	(15.2)	0.0
July					
Mean/Tot.	33.3	21.9	27.6	29.6	0.0
Abs.Max.	37.2	24.1	29.1	33.2	0.0
Abs.Min.	30.2	16.7	25.8	26.7	0.0
August					
Mean/Tot.	33.9	22.5	28.2	(26.2)	0.0
Abs.Max.	38.0	25.8	31.1	(35.1)	0.0
Abs.Min.	31.2	18.3	26.1	(15.6)	0.0
Season					
Mean/Tot.	23.7	11.3	17.5	(19.5)	438.0
Abs.Max.	38.5	25.8	31.1	(35.1)	48.5
Abs.Min.	3.8	-5.3	1.4	(0.2)	0.0

**JINDIRESS - MONTHLY SUMMARY OF CLIMATIC DATA II
SEASON 1990/91**

Month	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
September					
Mean	84.4	33.5	59.0	252.5	12.9
Abs.Max.	90.3	49.1	69.3	430.3	15.0
Abs.Min.	62.1	14.8	41.7	94.3	8.7
October					
Mean	70.1	34.7	52.9	164.5	(8.4)
Abs.Max.	93.0	70.0	80.4	269.7	(12.4)
Abs.Min.	25.0	18.2	23.0	69.5	(0.0)
November					
Mean	88.2	43.1	65.7	155.1	3.3
Abs.Max.	99.4	68.2	76.9	328.9	6.9
Abs.Min.	71.2	29.0	51.6	76.8	0.8
December					
Mean	94.6	52.6	73.6	156.4	2.1
Abs.Max.	100.0	78.0	89.0	422.1	7.4
Abs.Min.	72.2	28.2	57.6	75.2	0.9
January					
Mean	94.0	62.5	78.2	147.4	1.5
Abs.Max.	100.0	94.8	95.1	573.7	3.3
Abs.Min.	63.7	31.0	49.4	54.4	0.3
February					
Mean	85.8	47.9	66.9	205.0	2.2
Abs.Max.	99.0	86.0	89.7	527.1	5.3
Abs.Min.	49.0	23.5	42.0	49.6	0.4
March					
Mean	90.7	49.1	69.9	197.7	(3.3)
Abs.Max.	97.2	77.0	85.0	543.7	(5.3)
Abs.Min.	66.2	15.0	40.6	78.1	(1.0)
April					
Mean	95.2	46.7	71.0	208.8	5.3
Abs.Max.	100.0	76.0	86.0	432.5	8.1
Abs.Min.	72.2	20.1	55.7	69.8	0.5
May					
Mean	100.0	56.3	78.1	260.5	7.2
Abs.Max.	100.0	100.0	100.0	566.5	10.8
Abs.Min.	100.0	33.0	66.5	115.3	1.3
June					
Mean	97.4	37.0	67.2	288.5	10.2
Abs.Max.	100.0	53.0	75.1	420.0	12.3
Abs.Min.	82.6	22.0	52.8	203.2	5.4
July					
Mean	95.5	50.5	73.0	432.9	13.1
Abs.Max.	100.0	68.0	84.0	614.3	16.0
Abs.Min.	72.0	23.0	47.8	181.8	7.9
August					
Mean	89.4	44.2	66.8	456.5	16.0
Abs.Max.	97.8	60.2	76.0	711.3	19.2
Abs.Min.	75.1	16.2	46.1	184.2	14.0
Season					
Mean	90.5	46.6	68.6	244.3	(7.1)
Abs.Max.	100.0	100.0	100.0	711.3	(19.2)
Abs.Min.	25.0	14.8	23.0	49.6	(0.0)

**JINDIRESS - MONTHLY SUMMARY OF SOIL TEMPERATURE
SEASON 1990/91**

Month	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
September									
Mean	35.8	23.9	29.9	31.6	23.5	27.6	31.4	29.3	30.4
Abs.Max.	38.9	25.5	31.9	34.0	25.0	29.2	32.7	30.2	31.4
Abs.Min.	31.1	19.3	25.2	28.0	19.2	23.6	29.9	27.4	28.7
October									
Mean	30.1	19.9	25.0	26.2	18.7	22.4	27.5	25.6	26.5
Abs.Max.	35.8	23.4	29.4	31.0	23.0	27.0	30.5	28.1	29.3
Abs.Min.	22.0	15.1	18.6	19.3	12.3	15.8	23.0	21.6	22.3
November									
Mean	19.5	13.3	16.5	16.3	10.6	13.5	19.9	18.7	19.4
Abs.Max.	26.0	18.0	22.0	23.2	15.9	19.5	24.5	23.0	23.8
Abs.Min.	16.0	9.3	12.7	12.0	6.0	9.2	17.0	15.6	16.3
December									
Mean	13.1	8.3	10.8	11.3	6.5	8.9	14.8	13.8	14.3
Abs.Max.	17.0	13.5	14.7	14.4	11.1	12.2	18.1	17.2	17.7
Abs.Min.	7.9	4.0	6.8	6.6	2.5	5.0	11.0	10.2	10.7
January									
Mean	9.2	4.8	7.0	9.5	5.0	7.3	12.1	11.3	11.7
Abs.Max.	12.2	7.2	9.6	11.5	7.6	8.8	13.1	12.5	12.8
Abs.Min.	4.4	2.5	4.2	4.6	2.4	4.3	10.0	9.8	9.9
February									
Mean	9.9	5.2	7.6	(10.3)	(5.5)	(7.9)	12.1	11.2	11.7
Abs.Max.	15.0	9.0	11.2	(15.5)	(9.8)	(11.9)	14.9	13.7	14.3
Abs.Min.	5.3	2.6	4.2	(5.2)	(2.5)	(4.1)	9.4	9.0	9.3
March									
Mean	15.9	9.5	12.7	16.9	10.0	13.5	16.6	14.9	15.8
Abs.Max.	24.0	20.1	22.1	26.0	15.8	20.9	22.3	20.0	21.2
Abs.Min.	9.9	4.6	8.5	10.7	4.4	9.2	13.3	12.2	13.1
April									
Mean	25.2	18.3	21.8	20.7	16.3	18.5	16.9	15.4	16.1
Abs.Max.	31.9	24.1	27.0	26.2	22.0	23.5	20.3	19.1	19.7
Abs.Min.	19.0	14.7	17.0	15.3	12.8	14.1	14.1	12.5	13.3
May									
Mean	29.0	22.6	25.9	24.5	20.5	22.5	20.3	18.9	19.6
Abs.Max.	32.0	25.1	28.5	27.0	22.6	24.7	21.6	20.2	20.9
Abs.Min.	24.3	18.6	21.8	21.2	17.0	19.1	18.0	16.7	17.4
June									
Mean	35.4	26.7	31.1	31.2	25.5	28.4	25.2	23.3	24.3
Abs.Max.	41.0	30.5	35.2	36.8	29.9	32.8	28.8	26.9	27.7
Abs.Min.	28.2	21.0	24.6	23.0	18.8	20.9	19.3	17.9	18.6
July									
Mean	37.7	29.0	33.4	33.9	28.3	31.1	27.1	25.5	26.6
Abs.Max.	42.3	31.1	35.4	37.0	30.0	32.5	28.0	26.5	27.0
Abs.Min.	34.8	27.2	31.6	31.6	26.7	29.5	26.0	24.2	25.2
August									
Mean	35.9	29.0	32.5	33.7	28.2	31.0	27.0	25.4	26.2
Abs.Max.	38.7	30.7	34.1	36.2	29.5	32.6	28.1	26.3	27.2
Abs.Min.	33.7	27.0	30.8	32.1	26.7	29.9	25.9	24.0	25.0
Season									
Mean	24.8	17.6	21.2	(22.3)	(16.7)	(19.5)	21.0	19.5	20.3
Abs.Max.	42.3	31.1	35.4	(37.0)	(30.0)	(32.8)	32.7	30.2	37.0
Abs.Min.	4.4	2.5	4.2	(4.6)	(2.4)	(4.1)	9.4	9.0	9.3

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JINDIRESS - WEEKLY SUMMARY OF CLIMATIC DATA I
SEASON 1990/91

Week Starting §=8 days	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
27-Aug	34.8	19.3	27.1	26.5	0.0
3-Sep	32.7	18.8	25.8	25.5	0.0
10-Sep	30.3	16.5	23.4	23.0	0.0
17-Sep	32.6	17.7	25.2	23.2	0.0
24-Sep	32.7	17.5	25.1	21.8	3.2
1-Oct	32.2	15.2	23.7	21.3	0.0
8-Oct	30.6	13.1	21.9	19.9	0.0
15-Oct	30.7	18.3	24.5	15.4	0.0
22-Oct	23.0	12.2	17.6	13.1	61.0
29-Oct	24.0	13.2	18.6	15.0	0.0
5-Nov	21.2	10.9	16.1	11.8	38.4
12-Nov	17.7	3.9	10.8	14.5	0.0
19-Nov	22.8	8.5	15.7	11.7	0.0
26-Nov	19.7	9.1	14.4	9.5	0.0
3-Dec	17.3	6.3	11.8	9.7	16.4
10-Dec	16.3	5.2	10.7	10.3	14.5
17-Dec	13.6	4.5	9.1	9.0	2.0
24-Dec§	11.8	-2.3	4.8	10.9	0.0
1-Jan	12.5	2.3	7.4	9.2	20.3
8-Jan	14.3	2.0	8.2	10.4	0.6
15-Jan	11.1	5.2	8.2	5.4	32.6
22-Jan	10.0	-1.7	4.2	12.8	0.0
29-Jan	6.8	0.9	3.9	7.5	32.5
5-Feb	10.2	-2.2	4.0	15.1	0.0
12-Feb	13.4	3.6	8.6	10.5	20.2
19-Feb	14.0	5.2	9.6	11.7	8.4
26-Feb	14.9	4.9	9.9	14.5	8.6
5-Mar	13.4	3.3	8.4	15.0	2.4
12-Mar	15.5	6.2	10.8	13.1	24.4
19-Mar	19.2	10.8	15.0	15.2	41.4
26-Mar	24.1	9.8	17.0	22.4	0.0
2-Apr	20.7	9.5	15.1	18.9	33.6
9-Apr	19.2	8.6	13.9	23.0	34.3
16-Apr	22.6	8.9	15.8	21.7	3.0
23-Apr	27.4	9.3	18.3	26.8	0.0
30-Apr	23.4	8.4	15.9	(22.2)	26.6
7-May	25.1	8.2	16.7	23.8	0.0
14-May	24.3	10.2	17.3	28.8	2.0
21-May	23.5	10.0	16.7	30.3	6.4
28-May	23.6	8.5	16.1	28.8	5.2
4-Jun	32.3	15.9	24.1	30.8	0.0
11-Jun	34.9	16.9	25.9	31.4	0.0
18-Jun	35.5	19.0	27.3	(26.2)	0.0
25-Jun	30.9	18.5	24.7	(29.0)	0.0
2-Jul	32.0	21.5	26.8	30.3	0.0
9-Jul	35.3	19.6	27.5	30.7	0.0
16-Jul	33.5	23.3	28.4	29.3	0.0
23-Jul	33.2	22.8	28.0	28.4	0.0
30-Jul	32.6	22.9	27.8	28.2	0.0
6-Aug	35.4	22.7	29.1	27.4	0.0
13-Aug	34.1	23.4	28.8	(26.7)	0.0
20-Aug	34.0	21.7	27.9	(22.9)	0.0
27-Aug	32.3	21.1	26.7	25.8	14.3

JINDIRESS - WEEKLY SUMMARY OF CLIMATIC DATA II
SEASON 1990/91

Week Starting §=8 days	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
27-Aug	85.8	31.5	58.6	331.8	13.7
3-Sep	87.4	33.2	60.3	276.4	14.1
10-Sep	78.2	36.2	57.2	278.8	13.1
17-Sep	85.3	34.1	59.7	221.1	12.2
24-Sep	86.7	35.2	61.0	236.0	11.7
1-Oct	78.8	25.9	52.3	141.2	11.0
8-Oct	71.0	28.6	49.8	186.1	11.3
15-Oct	42.9	26.4	34.7	214.7	8.9
22-Oct	82.0	50.4	68.4	129.8	(4.0)
29-Oct	81.9	47.4	64.7	146.1	3.8
5-Nov	85.2	50.3	67.8	157.3	3.4
12-Nov	93.5	36.0	64.7	146.4	2.8
19-Nov	88.9	39.5	64.2	155.1	3.5
26-Nov	85.4	48.7	67.0	192.3	3.4
3-Dec	95.9	61.6	78.8	147.1	2.0
10-Dec	98.0	50.2	74.1	204.2	1.9
17-Dec	98.7	58.0	78.3	120.6	1.7
24-Dec§	92.2	42.6	67.4	126.9	1.7
1-Jan	96.0	69.0	82.5	121.7	1.8
8-Jan	89.2	58.3	73.8	130.8	1.8
15-Jan	95.7	74.4	85.1	141.1	1.3
22-Jan	93.2	40.7	66.9	199.4	1.4
29-Jan	94.6	61.2	77.8	191.4	1.0
5-Feb	88.6	38.0	63.3	169.3	2.1
12-Feb	86.2	48.3	67.3	191.4	2.5
19-Feb	76.2	46.9	61.6	269.3	2.7
26-Feb	93.3	60.2	76.7	143.9	2.1
5-Mar	82.4	39.9	61.2	242.1	3.7
12-Mar	91.3	48.9	70.1	183.0	3.2
19-Mar	92.6	60.3	76.5	211.1	(2.7)
26-Mar	96.2	47.5	71.9	170.6	4.5
2-Apr	92.5	49.9	71.2	276.0	3.7
9-Apr	95.2	52.2	73.7	208.0	4.1
16-Apr	95.1	44.7	69.9	200.1	5.9
23-Apr	96.8	35.5	66.2	162.6	7.2
30-Apr	100.0	67.8	83.9	194.3	6.4
7-May	100.0	72.0	86.0	248.3	7.8
14-May	100.0	47.3	73.7	313.0	7.6
21-May	100.0	44.7	72.4	291.1	7.9
28-May	100.0	40.8	70.4	254.6	6.8
4-Jun	98.1	37.8	68.0	326.0	10.3
11-Jun	98.0	35.2	66.6	234.8	10.9
18-Jun	96.8	32.5	64.7	261.9	9.8
25-Jun	94.8	47.3	71.1	370.7	11.0
2-Jul	96.0	48.8	72.4	431.4	10.4
9-Jul	88.3	35.7	62.0	328.7	12.1
16-Jul	100.0	60.3	80.1	436.2	14.5
23-Jul	98.7	57.4	78.1	474.8	14.6
30-Jul	93.4	50.1	71.8	488.7	16.0
6-Aug	86.5	38.8	62.7	430.5	15.2
13-Aug	87.3	47.4	67.4	534.4	16.2
20-Aug	92.8	39.0	65.9	407.3	17.0
27-Aug	88.4	47.9	68.2	395.4	15.1

**JINDIRESS - WEEKLY SUMMARY OF SOIL TEMPERATURE
SEASON 1990/91**

Week Starting §=8 days	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
27-Aug	37.4	25.5	31.5	32.9	25.1	29.0	32.4	30.3	31.3
3-Sep	37.2	24.9	31.1	32.8	24.6	28.7	32.1	30.0	31.0
10-Sep	34.7	23.3	29.1	30.8	23.2	27.0	31.1	29.2	30.2
17-Sep	35.8	23.4	29.6	31.2	22.8	27.1	30.9	28.7	29.8
24-Sep	35.0	23.5	29.3	31.0	23.3	27.2	31.2	29.0	30.1
1-Oct	34.2	21.6	27.9	29.7	21.2	25.4	29.7	27.4	28.6
8-Oct	33.0	20.6	26.8	28.5	20.3	24.4	29.1	26.9	28.0
15-Oct	30.5	20.7	25.6	26.2	19.7	23.0	27.4	25.6	26.5
22-Oct	25.5	18.0	21.8	22.6	15.2	18.9	25.3	23.8	24.6
29-Oct	24.5	17.3	20.9	21.6	14.9	18.3	23.9	22.6	23.3
5-Nov	21.2	15.4	18.3	18.3	12.7	15.5	22.3	21.1	21.7
12-Nov	17.0	10.1	13.6	13.4	7.0	10.3	17.5	16.2	16.9
19-Nov	18.9	13.0	16.0	15.6	10.1	12.9	18.9	17.7	18.3
26-Nov	16.8	12.3	14.6	13.9	9.6	11.8	18.1	17.2	17.7
3-Dec	15.8	11.0	13.4	13.1	8.6	10.9	17.2	16.4	16.8
10-Dec	13.7	8.4	11.1	12.1	7.0	9.6	15.1	14.0	14.6
17-Dec	13.1	8.6	10.9	11.1	6.5	8.9	14.5	13.6	14.1
24-Dec§	9.6	4.6	7.1	8.5	3.1	5.8	11.9	10.8	11.3
1-Jan	10.7	6.0	8.4	10.3	5.4	7.9	12.6	11.6	12.1
8-Jan	9.9	4.5	7.2	10.6	5.1	7.9	12.5	11.5	12.0
15-Jan	9.0	5.8	7.4	9.7	6.5	8.1	12.8	12.1	12.5
22-Jan	8.7	3.3	6.0	8.9	3.3	6.1	11.5	10.6	11.1
29-Jan	6.9	3.8	5.4	7.0	3.8	5.4	10.6	9.8	10.2
5-Feb	8.5	3.1	5.8	8.7	3.2	6.0	10.5	9.4	10.0
12-Feb	9.5	5.0	7.3	(9.7)	(5.3)	(7.5)	11.9	11.0	11.5
19-Feb	12.2	7.6	9.9	(13.1)	(8.4)	(10.8)	14.0	13.1	13.6
26-Feb	13.2	7.9	10.6	14.1	8.6	11.3	14.9	13.7	14.3
5-Mar	12.0	6.0	9.0	12.8	6.2	9.5	14.3	13.0	13.6
12-Mar	13.1	8.0	10.6	14.1	8.6	11.4	14.9	13.7	14.3
19-Mar	17.5	11.0	14.3	18.9	12.1	15.5	17.9	15.9	16.9
26-Mar	23.3	14.7	19.0	23.4	14.3	18.9	19.9	17.6	18.8
2-Apr	22.9	16.9	20.0	19.2	14.9	17.0	16.0	14.4	15.2
9-Apr	22.4	16.2	19.3	18.5	14.2	16.3	15.4	13.6	14.5
16-Apr	25.1	18.1	21.6	20.3	16.1	18.2	16.4	15.2	15.8
23-Apr	29.8	21.2	25.5	24.3	19.3	21.9	19.2	17.9	18.6
30-Apr	28.7	21.1	24.9	24.3	19.3	21.8	19.5	18.0	18.8
7-May	30.4	23.8	27.1	25.9	21.8	23.9	21.0	19.9	20.5
14-May	30.0	23.7	26.9	25.4	21.3	23.4	20.7	19.4	20.0
21-May	28.7	23.0	25.8	24.1	20.6	22.4	20.4	19.1	19.7
28-May	27.7	21.6	24.7	22.9	19.4	21.1	19.5	18.2	18.8
4-Jun	31.3	24.6	27.9	26.6	22.6	24.6	22.0	20.6	21.3
11-Jun	35.9	26.3	31.1	32.2	25.4	28.8	25.6	23.4	24.5
18-Jun	39.1	28.9	34.1	35.1	28.2	31.7	28.0	25.7	26.9
25-Jun	38.3	29.2	33.8	34.6	28.6	31.6	27.9	26.1	27.0
2-Jul	36.9	28.0	32.5	33.2	27.3	30.3	26.5	24.8	25.7
9-Jul	39.2	28.2	33.7	35.2	27.8	31.6	27.4	25.3	27.8
16-Jul	38.9	29.2	34.1	34.4	28.6	31.5	27.3	25.5	26.4
23-Jul	36.9	30.3	33.6	33.4	29.4	31.5	27.4	26.1	26.8
30-Jul	35.7	29.4	32.5	32.5	28.3	30.4	26.6	25.3	25.9
6-Aug	36.7	29.2	33.0	34.1	28.5	31.3	27.3	25.6	26.5
13-Aug	36.0	29.5	32.7	34.1	28.6	31.4	27.2	25.7	26.5
20-Aug	35.8	29.0	32.5	34.1	28.2	31.1	27.1	25.6	26.3
27-Aug	34.8	27.6	31.2	33.2	27.1	30.1	26.3	24.5	25.4

JINDIRESS - DAILY CLIMATIC DATA I
SEPTEMBER 1990

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	244	36.0	17.0	26.5	27.4	0.0
2	245	36.6	16.6	26.6	26.7	0.0
3	246	35.3	18.9	27.1	26.8	0.0
4	247	32.2	19.1	25.7	24.7	0.0
5	248	32.0	19.0	25.5	27.1	0.0
6	249	31.1	17.8	24.5	24.3	0.0
7	250	31.0	17.6	24.3	25.0	0.0
8	251	33.1	18.0	25.6	25.3	0.0
9	252	34.3	21.3	27.8	25.7	0.0
10	253	31.7	17.8	24.8	23.6	0.0
11	254	31.7	19.9	25.8	23.6	0.0
12	255	30.6	18.3	24.5	23.1	0.0
13	256	31.0	17.8	24.4	22.0	0.0
14	257	27.6	14.8	21.2	19.8	0.0
15	258	28.3	12.8	20.6	23.9	0.0
16	259	31.3	14.3	22.8	25.3	0.0
17	260	31.5	16.8	24.2	24.4	0.0
18	261	31.7	16.3	24.0	23.9	0.0
19	262	30.8	18.4	24.6	23.5	0.0
20	263	30.7	16.7	23.7	23.6	0.0
21	264	32.5	17.8	25.2	22.8	0.0
22	265	34.2	19.0	26.6	23.1	0.0
23	266	36.7	19.2	28.0	20.8	0.0
24	267	33.2	20.5	26.9	22.0	0.0
25	268	30.4	20.1	25.3	21.4	0.0
26	269	31.8	18.0	24.9	21.4	0.0
27	270	36.3	17.2	26.8	22.3	0.0
28	271	36.2	17.8	27.0	21.5	0.0
29	272	32.0	17.6	24.8	20.6	3.2
30	273	28.9	11.1	20.0	23.3	0.0
Mean or Total		32.4	17.6	25.0	23.6	3.2
Abs.Max.		36.7	21.3	28.0	27.4	3.2
Abs.Min.		27.6	11.1	20.0	19.8	0.0

**JINDIRESS - DAILY CLIMATIC DATA I
OCTOBER 1990**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	274	29.5	12.9	21.2	22.5	0.0
2	275	29.9	14.1	22.0	22.6	0.0
3	276	30.7	16.0	23.4	21.4	0.0
4	277	32.3	16.1	24.2	21.8	0.0
5	278	32.3	15.0	23.7	20.0	0.0
6	279	34.0	15.4	24.7	20.4	0.0
7	280	36.6	16.6	26.6	20.3	0.0
8	281	34.5	16.7	25.6	21.1	0.0
9	282	31.4	15.8	23.6	18.4	0.0
10	283	31.0	17.3	24.2	19.5	0.0
11	284	30.0	11.6	20.8	19.9	0.0
12	285	27.2	10.5	18.9	20.3	0.0
13	286	31.2	11.6	21.4	20.2	0.0
14	287	28.8	8.4	18.6	19.7	0.0
15	288	29.8	18.4	24.1	18.8	0.0
16	289	30.4	14.0	22.2	18.1	0.0
17	290	31.0	21.2	26.1	15.0	0.0
18	291	30.9	22.4	26.7	9.6	0.0
19	292	30.4	15.4	22.9	13.0	0.0
20	293	30.2	17.2	23.7	16.6	0.0
21	294	32.0	19.8	25.9	16.6	0.0
22	295	31.5	17.7	24.6	15.1	0.0
23	296	28.2	14.7	21.5	15.3	0.0
24	297	20.3	13.6	17.0	9.7	48.5
25	298	20.8	9.1	15.0	14.4	0.0
26	299	20.2	9.7	15.0	13.4	0.0
27	300	21.0	11.4	16.2	11.7	12.5
28	301	19.3	9.0	14.2	12.3	0.0
29	302	20.0	12.6	16.3	17.8	0.0
30	303	22.0	14.0	18.0	13.3	0.0
31	304	24.0	13.7	18.9	13.9	0.0
Mean or Total		28.4	14.6	21.5	17.2	61.0
Abs.Max.		36.6	22.4	26.7	22.6	48.5
Abs.Min.		19.3	8.4	14.2	9.6	0.0

JINDIRESS - DAILY CLIMATIC DATA I
NOVEMBER 1990

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	305	25.1	13.0	19.1	16.4	0.0
2	306	24.4	13.0	18.7	14.6	0.0
3	307	24.6	11.6	18.1	15.5	0.0
4	308	28.0	14.2	21.1	13.5	0.0
5	309	28.6	11.3	20.0	13.8	0.0
6	310	28.0	16.5	22.3	15.0	0.0
7	311	23.5	13.7	18.6	6.9	9.0
8	312	20.0	12.0	16.0	13.5	6.4
9	313	18.0	10.2	14.1	10.0	3.0
10	314	15.0	7.6	11.3	8.8	20.0
11	315	15.5	4.9	10.2	15.0	0.0
12	316	13.8	0.2	7.0	15.9	0.0
13	317	14.0	1.7	7.9	15.9	0.0
14	318	15.7	4.0	9.9	13.7	0.0
15	319	17.9	6.0	12.0	14.9	0.0
16	320	20.0	4.8	12.4	15.5	0.0
17	321	21.0	4.8	12.9	11.6	0.0
18	322	21.3	6.0	13.7	13.7	0.0
19	323	20.5	9.2	14.9	13.5	0.0
20	324	23.1	10.0	16.6	9.7	0.0
21	325	22.5	6.9	14.7	11.9	0.0
22	326	23.0	7.6	15.3	12.8	0.0
23	327	24.8	8.0	16.4	12.5	0.0
24	328	22.9	9.0	16.0	11.3	0.0
25	329	22.6	8.8	15.7	9.9	0.0
26	330	19.1	5.7	12.4	7.6	0.0
27	331	19.5	6.2	12.9	11.4	0.0
28	332	19.8	7.1	13.5	11.2	0.0
29	333	20.3	9.1	14.7	10.8	0.0
30	334	19.4	12.0	15.7	8.8	0.0
Mean or Total		21.1	8.5	14.8	12.5	38.4
Abs.Max.		28.6	16.5	22.3	16.4	20.0
Abs.Min.		13.8	0.2	7.0	6.9	0.0

**JINDIRESS - DAILY CLIMATIC DATA I
DECEMBER 1990**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	335	19.3	11.8	15.6	9.5	0.0
2	336	20.2	11.6	15.9	7.2	0.0
3	337	21.1	11.3	16.2	5.7	8.4
4	338	17.0	9.0	13.0	8.9	4.8
5	339	16.3	8.2	12.3	8.9	2.2
6	340	17.0	4.6	10.8	11.0	0.0
7	341	17.0	4.6	10.8	13.1	0.0
8	342	15.2	4.9	10.1	7.9	0.0
9	343	17.6	1.2	9.4	12.4	1.0
10	344	15.6	0.3	8.0	11.9	0.0
11	345	16.0	3.0	9.5	16.6	2.8
12	346	17.1	6.6	11.9	7.4	3.1
13	347	15.8	10.0	12.9	5.8	0.0
14	348	14.8	3.0	8.9	8.4	0.0
15	349	16.0	4.8	10.4	10.6	0.0
16	350	18.6	8.5	13.6	11.2	8.6
17	351	16.9	5.5	11.2	8.3	0.0
18	352	14.7	0.4	7.6	12.7	0.0
19	353	14.5	5.4	10.0	11.2	0.0
20	354	13.5	5.4	9.5	8.0	0.0
21	355	11.5	4.5	8.0	8.9	0.0
22	356	11.6	4.6	8.1	6.8	0.0
23	357	12.3	5.7	9.0	6.8	2.0
24	358	7.9	-3.2	2.4	4.5	0.0
25	359	10.0	-3.3	3.4	12.6	0.0
26	360	10.7	-4.4	3.2	13.7	0.0
27	361	11.7	-0.6	5.6	10.7	0.0
28	362	9.8	-0.4	4.7	9.3	0.0
29	363	13.1	-3.5	4.8	11.7	0.0
30	364	15.1	-2.3	6.4	11.9	0.0
31	365	16.3	-0.3	8.0	12.5	0.0
Mean or Total		15.0	3.8	9.4	9.9	32.9
Abs.Max.		21.1	11.8	16.2	16.6	8.6
Abs.Min.		7.9	-4.4	2.4	4.5	0.0

**JINDIRESS - DAILY CLIMATIC DATA I
JANUARY 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	1	16.4	0.0	8.2	11.9	0.0
2	2	15.0	0.8	7.9	11.6	0.0
3	3	8.8	5.2	7.0	1.9	19.2
4	4	13.5	1.1	7.3	7.9	0.3
5	5	10.9	1.0	6.0	8.6	0.4
6	6	9.0	4.9	7.0	10.9	0.4
7	7	13.6	3.0	8.3	11.9	0.0
8	8	12.5	2.6	7.6	6.9	0.0
9	9	16.0	2.7	9.4	5.0	0.0
10	10	9.2	0.6	4.9	8.7	0.6
11	11	14.3	2.7	8.5	11.8	0.0
12	12	15.3	4.3	9.8	12.9	0.0
13	13	16.8	0.3	8.6	13.3	0.0
14	14	16.0	1.0	8.5	14.4	0.0
15	15	15.2	5.2	10.2	6.3	4.0
16	16	12.2	5.0	8.6	5.4	14.8
17	17	9.5	5.9	7.7	4.8	5.2
18	18	9.3	3.0	6.2	6.8	0.8
19	19	10.4	6.6	8.5	6.4	0.0
20	20	10.4	7.0	8.7	2.8	3.8
21	21	10.8	3.6	7.2	5.6	4.0
22	22	10.2	1.3	5.8	6.4	0.0
23	23	10.0	-3.7	3.2	14.6	0.0
24	24	8.8	-5.3	1.8	13.3	0.0
25	25	8.8	-3.7	2.6	15.3	0.0
26	26	9.2	-5.0	2.1	14.1	0.0
27	27	11.9	-0.5	5.7	22.7	0.0
28	28	10.8	5.2	8.0	2.8	0.0
29	29	5.3	2.3	3.8	2.0	3.4
30	30	3.8	1.8	2.8	0.2	7.4
31	31	7.7	1.0	4.4	8.9	6.0
Mean or Total		11.3	1.9	6.7	8.9	70.3
Abs.Max.		16.8	7.0	10.2	22.7	19.2
Abs.Min.		3.8	-5.3	1.8	0.2	0.0

**JINDIRESS - DAILY CLIMATIC DATA I
FEBRUARY 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	32	7.6	3.1	5.4	7.1	0.3
2	33	10.0	4.1	7.1	11.9	10.1
3	34	6.2	-1.5	2.4	5.0	5.3
4	35	7.2	-4.4	1.4	17.0	0.0
5	36	7.4	2.1	4.8	15.6	0.0
6	37	5.9	-1.9	2.0	5.0	0.0
7	38	9.5	-3.0	3.3	17.8	0.0
8	39	12.0	-4.8	3.6	16.5	0.0
9	40	9.2	-4.1	2.6	15.9	0.0
10	41	13.1	-1.6	5.8	17.6	0.0
11	42	14.3	-1.9	6.2	17.2	0.0
12	43	15.4	1.1	8.3	16.8	0.0
13	44	12.3	1.2	6.8	8.8	0.0
14	45	15.5	3.0	9.3	15.8	0.0
15	46	16.0	8.8	12.4	10.6	0.0
16	47	11.4	3.0	7.2	2.3	17.2
17	48	11.2	5.0	8.1	9.2	2.0
18	49	12.2	3.3	7.8	9.9	1.0
19	50	10.0	4.0	7.0	7.2	2.0
20	51	13.0	-0.3	6.4	17.8	0.0
21	52	15.2	1.0	8.1	19.9	0.0
22	53	13.8	5.0	9.4	12.1	0.0
23	54	14.2	8.8	11.5	11.1	0.0
24	55	18.6	11.0	14.8	11.4	0.0
25	56	13.2	6.8	10.0	2.2	6.4
26	57	10.9	6.0	8.5	6.2	6.2
27	58	13.2	3.0	8.1	11.5	0.0
28	59	14.8	4.0	9.4	18.7	0.0
Mean or Total		11.9	2.2	7.1	12.1	50.5
Abs.Max.		18.6	11.0	14.8	19.9	17.2
Abs.Min.		5.9	-4.8	1.4	2.2	0.0

JINDIRESS - DAILY CLIMATIC DATA I
MARCH 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	60	14.9	5.0	10.0	9.2	2.4
2	61	15.7	4.0	9.9	21.2	0.0
3	62	18.2	5.2	11.7	17.7	0.0
4	63	16.5	7.4	12.0	16.9	0.0
5	64	9.7	0.5	5.1	10.4	0.0
6	65	12.0	-0.8	5.6	10.4	0.0
7	66	17.0	7.5	12.3	21.4	0.0
8	67	15.3	6.0	10.7	11.7	2.4
9	68	13.6	-2.0	5.8	23.1	0.0
10	69	13.2	2.4	7.8	18.1	0.0
11	70	13.1	9.6	11.4	9.6	0.0
12	71	16.0	7.9	12.0	9.7	0.0
13	72	16.1	3.1	9.6	18.7	0.0
14	73	17.0	5.8	11.4	18.0	12.4
15	74	18.3	4.0	11.2	22.3	0.0
16	75	17.0	5.8	11.4	11.7	0.0
17	76	10.9	7.3	9.1	4.4	5.4
18	77	13.2	9.2	11.2	6.7	6.6
19	78	16.0	4.8	10.4	13.5	0.0
20	79	19.8	10.0	14.9	22.6	0.0
21	80	21.0	14.6	17.8	14.3	0.0
22	81	15.3	12.0	13.7	3.2	37.8
23	82	19.2	12.6	15.9	10.3	3.6
24	83	20.0	11.0	15.5	19.2	0.0
25	84	23.0	10.8	16.9	23.5	0.0
26	85	23.5	10.0	16.8	22.6	0.0
27	86	23.8	8.3	16.1	28.1	0.0
28	87	25.0	6.5	15.8	21.0	0.0
29	88	25.0	12.0	18.5	22.0	0.0
30	89	26.3	11.3	18.8	21.1	0.0
31	90	22.9	10.2	16.6	23.4	0.0
Mean or Total		17.7	7.2	12.4	16.3	70.6
Abs.Max.		26.3	14.6	18.8	28.1	37.8
Abs.Min.		9.7	-2.0	5.1	3.2	0.0

JINDIRESS - DAILY CLIMATIC DATA I
APRIL 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	91	21.9	10.6	16.3	18.5	0.0
2	92	23.2	14.2	18.7	17.0	0.0
3	93	20.4	12.0	16.2	17.5	19.2
4	94	18.0	10.1	14.1	16.6	2.4
5	95	18.3	9.0	13.7	22.8	0.0
6	96	19.0	7.0	13.0	23.1	0.0
7	97	23.7	5.1	14.4	26.3	0.0
8	98	22.0	9.3	15.7	9.3	12.0
9	99	14.8	10.0	12.4	14.3	19.2
10	100	15.7	8.0	11.9	11.2	13.0
11	101	17.0	8.0	12.5	21.7	0.0
12	102	19.3	5.8	12.6	30.3	0.0
13	103	21.1	5.1	13.1	25.7	0.0
14	104	24.6	10.0	17.3	26.3	0.0
15	105	21.9	13.5	17.7	31.4	2.1
16	106	20.1	12.5	16.3	4.4	0.0
17	107	19.0	6.0	12.5	21.6	3.0
18	108	21.1	4.6	12.9	28.0	0.0
19	109	24.0	5.8	14.9	26.4	0.0
20	110	25.0	13.0	19.0	20.3	0.0
21	111	23.3	11.3	17.3	23.9	0.0
22	112	25.9	9.3	17.6	27.7	0.0
23	113	29.6	10.0	19.8	26.0	0.0
24	114	28.0	11.6	19.8	28.7	0.0
25	115	24.6	10.8	17.7	29.0	0.0
26	116	25.0	11.0	18.0	28.2	0.0
27	117	27.1	6.0	16.6	30.6	0.0
28	118	29.2	6.4	17.8	29.2	0.0
29	119	28.4	9.0	18.7	16.1	0.0
30	120	28.1	15.5	21.8	16.6	11.8
Mean or Total		22.6	9.4	16.0	22.3	82.7
Abs.Max.		29.6	15.5	21.8	31.4	19.2
Abs.Min.		14.8	4.6	11.9	4.4	0.0

**JINDIRESS - DAILY CLIMATIC DATA I
MAY 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	121	16.8	8.8	12.8	11.4	14.8
2	122	18.8	8.0	13.4	25.2	0.0
3	123	21.8	5.8	13.8	28.9	0.0
4	124	24.3	6.6	15.5	29.7	0.0
5	125	27.1	7.1	17.1	m	0.0
6	126	27.1	6.9	17.0	21.4	0.0
7	127	27.0	8.0	17.5	27.3	0.0
8	128	26.1	10.1	18.1	19.0	0.0
9	129	22.9	6.8	14.9	28.4	0.0
10	130	23.3	3.8	13.6	30.7	0.0
11	131	25.0	10.0	17.5	22.7	0.0
12	132	27.1	9.0	18.1	30.6	0.0
13	133	24.1	10.0	17.1	8.1	0.0
14	134	26.2	9.3	17.8	28.3	0.0
15	135	23.8	13.4	18.6	20.7	2.0
16	136	19.2	11.4	15.3	30.9	0.0
17	137	20.9	10.3	15.6	28.2	0.0
18	138	22.1	8.5	15.3	32.3	0.0
19	139	29.2	5.9	17.6	32.3	0.0
20	140	29.0	12.9	21.0	28.7	0.0
21	141	20.5	13.0	16.8	29.0	6.4
22	142	22.7	9.8	16.3	33.0	0.0
23	143	23.2	8.0	15.6	28.0	0.0
24	144	24.9	6.8	15.9	33.5	0.0
25	145	27.7	9.1	18.4	26.5	0.0
26	146	25.2	11.0	18.1	31.5	0.0
27	147	20.0	12.0	16.0	30.6	0.0
28	148	21.0	8.0	14.5	30.5	0.0
29	149	18.0	8.1	13.1	14.3	5.2
30	150	20.2	6.0	13.1	30.1	0.0
31	151	21.0	6.4	13.7	28.6	0.0
Mean or Total		23.4	8.7	16.1	(26.7)	28.4
Abs.Max.		29.2	13.4	21.0	(33.5)	14.8
Abs.Min.		16.8	3.8	12.8	(8.1)	0.0

JINDIRESS - DAILY CLIMATIC DATA I
JUNE 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	152	22.3	5.1	13.7	32.3	0.0
2	153	31.1	13.8	22.5	32.8	0.0
3	154	31.4	12.1	21.8	32.8	0.0
4	155	32.2	15.4	23.8	30.5	0.0
5	156	31.8	16.3	24.1	29.0	0.0
6	157	32.3	16.2	24.3	31.2	0.0
7	158	30.8	18.3	24.6	30.9	0.0
8	159	32.8	17.0	24.9	31.5	0.0
9	160	35.0	11.6	23.3	30.0	0.0
10	161	30.9	16.8	23.9	32.4	0.0
11	162	33.0	19.7	26.4	31.3	0.0
12	163	33.2	16.0	24.6	31.5	0.0
13	164	33.8	18.2	26.0	33.2	0.0
14	165	35.4	17.4	26.4	31.7	0.0
15	166	34.8	18.2	26.5	29.8	0.0
16	167	35.9	11.5	23.7	30.2	0.0
17	168	38.1	17.1	27.6	31.8	0.0
18	169	38.2	17.8	28.0	32.0	0.0
19	170	38.5	18.2	28.4	m	0.0
20	171	35.2	22.3	28.8	m	0.0
21	172	33.2	18.5	25.9	15.2	0.0
22	173	34.1	20.0	27.1	22.8	0.0
23	174	34.5	19.2	26.9	29.6	0.0
24	175	35.1	17.0	26.1	31.5	0.0
25	176	30.3	19.1	24.7	30.9	0.0
26	177	29.2	18.6	23.9	30.2	0.0
27	178	29.7	16.3	23.0	30.0	0.0
28	179	29.2	16.2	22.7	19.9	0.0
29	180	30.2	18.2	24.2	m	0.0
30	181	34.2	17.0	25.6	32.5	0.0
Mean or Total		32.9	16.6	24.8	(29.9)	0.0
Abs. Max.		38.5	22.3	28.8	(33.2)	0.0
Abs. Min.		22.3	5.1	13.7	(15.2)	0.0

JINDIRESS - DAILY CLIMATIC DATA I
JULY 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	182	33.3	24.0	28.7	30.4	0.0
2	183	32.9	23.0	28.0	29.8	0.0
3	184	32.9	21.0	27.0	33.2	0.0
4	185	33.0	21.0	27.0	27.4	0.0
5	186	31.3	21.5	26.4	33.0	0.0
6	187	31.2	21.8	26.5	29.0	0.0
7	188	30.2	21.3	25.8	28.1	0.0
8	189	32.2	21.0	26.6	31.3	0.0
9	190	32.0	21.7	26.9	29.0	0.0
10	191	35.1	20.2	27.7	31.6	0.0
11	192	36.5	16.7	26.6	30.0	0.0
12	193	37.2	17.5	27.4	31.1	0.0
13	194	36.1	19.9	28.0	30.6	0.0
14	195	36.0	18.2	27.1	31.3	0.0
15	196	34.4	22.7	28.6	31.1	0.0
16	197	34.2	24.0	29.1	30.7	0.0
17	198	33.1	23.3	28.2	30.2	0.0
18	199	33.2	24.0	28.6	29.5	0.0
19	200	32.1	24.1	28.1	28.6	0.0
20	201	36.2	21.9	29.1	29.3	0.0
21	202	32.0	22.0	27.0	28.5	0.0
22	203	33.7	23.7	28.7	28.5	0.0
23	204	34.0	23.2	28.6	29.1	0.0
24	205	33.4	23.3	28.4	28.6	0.0
25	206	32.7	22.9	27.8	29.0	0.0
26	207	32.0	23.2	27.6	26.7	0.0
27	208	33.2	23.0	28.1	28.0	0.0
28	209	33.9	22.9	28.4	28.7	0.0
29	210	33.0	21.2	27.1	28.7	0.0
30	211	31.4	22.7	27.1	28.7	0.0
31	212	31.2	22.7	27.0	28.0	0.0
Mean or Total		33.3	21.9	27.7	29.6	0.0
Abs.Max.		37.2	24.1	29.1	33.2	0.0
Abs.Min.		30.2	16.7	25.8	26.7	0.0

JINDIRESS - DAILY CLIMATIC DATA I
AUGUST 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	213	33.2	23.0	28.1	28.2	0.0
2	214	34.2	22.5	28.4	28.5	0.0
3	215	33.0	22.0	27.5	28.3	0.0
4	216	32.9	23.2	28.1	27.3	0.0
5	217	32.2	24.0	28.1	28.4	0.0
6	218	34.3	24.3	29.3	27.2	0.0
7	219	34.8	24.0	29.4	28.2	0.0
8	220	34.8	21.8	28.3	27.7	0.0
9	221	35.3	20.7	28.0	26.6	0.0
10	222	33.5	23.2	28.4	27.9	0.0
11	223	37.5	24.7	31.1	27.1	0.0
12	224	37.5	20.5	29.0	26.9	0.0
13	225	38.0	22.0	30.0	27.0	0.0
14	226	35.5	19.0	27.3	35.1	0.0
15	227	34.0	25.8	29.9	19.0	0.0
16	228	33.2	25.0	29.1	26.6	0.0
17	229	33.0	24.3	28.7	25.7	0.0
18	230	32.8	24.6	28.7	m	0.0
19	231	32.4	22.8	27.6	m	0.0
20	232	33.3	23.2	28.3	24.0	0.0
21	233	34.3	23.0	28.7	17.8	0.0
22	234	33.9	22.9	28.4	m	0.0
23	235	33.0	23.0	28.0	15.6	0.0
24	236	34.3	22.8	28.6	25.9	0.0
25	237	34.3	19.0	26.7	26.2	0.0
26	238	35.0	18.3	26.7	27.7	0.0
27	239	34.1	21.0	27.6	27.1	0.0
28	240	32.8	22.4	27.6	26.0	0.0
29	241	31.2	22.2	26.7	25.6	0.0
30	242	32.0	21.7	26.9	25.9	0.0
31	243	32.0	20.2	26.1	26.0	0.0
Mean or Total		33.9	22.5	28.2	(26.2)	0.0
Abs.Max.		38.0	25.8	31.1	(35.1)	0.0
Abs.Min.		31.2	18.3	26.1	(15.6)	0.0

**JINDIRESS - DAILY CLIMATIC DATA II
SEPTEMBER 1990**

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	244	85.0	19.8	52.4	293.8	14.2
2	245	83.0	14.8	48.9	195.1	14.6
3	246	90.0	24.0	57.0	261.0	14.9
4	247	84.0	30.1	57.1	430.3	13.3
5	248	89.8	34.7	62.3	263.0	14.2
6	249	87.0	42.7	64.9	276.9	12.9
7	250	87.9	40.5	64.2	245.9	15.0
8	251	90.0	29.6	59.8	146.6	14.4
9	252	83.2	31.0	57.1	311.4	14.2
10	253	89.0	47.0	68.0	304.6	13.6
11	254	82.0	39.8	60.9	314.2	12.9
12	255	82.6	42.8	62.7	341.4	13.1
13	256	78.0	35.0	56.5	369.3	13.3
14	257	79.5	40.0	59.8	259.8	12.2
15	258	74.2	27.4	50.8	209.4	13.6
16	259	62.1	21.3	41.7	152.7	12.7
17	260	81.2	35.0	58.1	291.9	13.3
18	261	88.9	30.5	59.7	243.0	12.2
19	262	84.8	42.0	63.4	281.8	11.8
20	263	85.7	43.1	64.4	303.7	13.3
21	264	87.0	29.2	58.1	118.2	12.4
22	265	85.0	30.1	57.6	149.8	13.6
23	266	84.6	29.0	56.8	159.6	8.7
24	267	84.0	42.2	63.1	251.3	9.7
25	268	88.6	48.7	68.7	403.2	13.1
26	269	89.5	49.1	69.3	236.8	11.9
27	270	86.0	19.3	52.7	94.3	13.3
28	271	83.8	23.0	53.4	139.9	12.0
29	272	90.3	40.0	65.2	295.5	10.2
30	273	85.0	24.0	54.5	230.9	11.5
Mean		84.4	33.5	59.0	252.5	12.9
Abs. Max.		90.3	49.1	69.3	430.3	15.0
Abs. Min.		62.1	14.8	41.7	94.3	8.7

JINDIRESS - DAILY CLIMATIC DATA II
OCTOBER 1990

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	274	79.0	29.0	54.0	186.9	12.4
2	275	86.0	26.0	56.0	143.4	10.8
3	276	85.2	36.2	60.7	171.7	11.8
4	277	86.0	25.4	55.7	152.8	12.2
5	278	75.2	25.4	50.3	94.9	11.5
6	279	56.8	20.8	38.8	99.0	11.1
7	280	83.3	18.2	50.8	139.6	7.0
8	281	85.0	22.9	54.0	121.3	11.4
9	282	93.0	45.5	69.3	202.3	11.1
10	283	82.6	40.0	61.3	237.9	12.2
11	284	71.8	29.7	50.8	222.5	11.4
12	285	48.2	19.6	33.9	161.2	10.5
13	286	61.2	22.0	41.6	215.3	11.0
14	287	55.1	20.7	37.9	142.0	11.4
15	288	34.9	22.0	28.5	223.6	10.8
16	289	40.3	22.5	31.4	239.5	8.2
17	290	36.0	22.5	29.3	268.7	10.1
18	291	25.0	21.0	23.0	269.7	10.5
19	292	50.4	24.0	37.2	216.1	7.4
20	293	59.0	37.9	48.5	111.8	6.7
21	294	55.0	34.7	44.9	173.6	8.3
22	295	87.7	34.5	61.1	106.7	8.7
23	296	84.0	39.0	61.5	161.4	6.7
24	297	60.7	70.0	80.4	159.0	m
25	298	86.0	47.1	66.6	183.3	4.6
26	299	85.2	51.1	68.2	109.8	0.0
27	300	87.0	50.0	68.5	118.7	0.3
28	301	83.4	61.0	72.2	69.5	3.5
29	302	83.2	53.0	68.1	165.4	2.9
30	303	83.6	57.6	70.6	108.8	3.4
31	304	83.8	47.2	65.5	124.0	2.6
Mean		70.1	34.7	52.9	164.5	(8.4)
Abs. Max.		93.0	70.0	80.4	269.7	(12.4)
Abs. Min.		25.0	18.2	23.0	69.5	(0.0)

**JINDIRESS - DAILY CLIMATIC DATA II
NOVEMBER 1990**

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	305	83.9	46.0	65.0	152.3	3.9
2	306	83.9	56.1	70.0	213.3	3.2
3	307	84.0	40.2	62.1	97.8	6.4
4	308	71.2	32.0	51.6	161.1	4.4
5	309	79.2	29.0	54.1	99.9	6.6
6	310	78.0	31.3	54.7	93.4	3.5
7	311	90.0	53.8	71.9	194.9	0.8
8	312	87.3	65.1	76.2	175.7	2.7
9	313	86.0	58.4	72.2	260.0	1.4
10	314	85.6	68.2	76.9	133.3	6.9
11	315	90.6	46.0	68.3	144.0	2.2
12	316	97.0	40.0	68.5	118.4	2.6
13	317	90.6	33.0	61.8	166.4	2.3
14	318	87.6	39.2	63.4	188.7	3.5
15	319	86.0	35.2	60.6	232.0	2.9
16	320	95.0	33.2	64.1	138.9	3.8
17	321	99.0	31.1	65.1	76.8	2.6
18	322	99.0	40.2	69.6	103.3	2.1
19	323	98.0	48.7	73.4	163.5	3.8
20	324	73.0	34.2	53.6	254.8	3.6
21	325	97.0	40.2	68.6	121.1	2.6
22	326	95.9	44.9	70.4	114.8	4.5
23	327	85.0	32.0	58.5	135.5	2.9
24	328	83.0	38.6	60.8	169.0	4.4
25	329	90.1	37.7	63.9	126.9	2.6
26	330	99.4	48.3	73.9	96.0	2.5
27	331	92.0	46.0	69.0	97.4	3.0
28	332	94.3	50.2	72.3	94.3	1.8
29	333	92.2	42.7	67.5	201.2	2.6
30	334	73.3	51.0	62.2	328.9	2.8
Mean		88.2	43.1	65.7	155.1	3.3
Abs.Max.		99.4	68.2	76.9	328.9	6.9
Abs.Min.		71.2	29.0	51.6	76.8	0.8

**JINDIRESS - DAILY CLIMATIC DATA II
DECEMBER 1990**

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	335	72.2	51.2	61.7	280.3	7.4
2	336	74.2	51.2	62.7	247.9	3.8
3	337	99.0	49.0	74.0	220.3	4.0
4	338	94.7	72.8	83.8	152.5	2.0
5	339	94.2	69.0	81.6	210.6	1.5
6	340	94.2	65.4	79.8	104.1	1.8
7	341	94.2	54.8	74.5	145.8	1.7
8	342	95.0	52.2	73.6	88.5	1.8
9	343	99.8	68.2	84.0	108.1	1.0
10	344	100.0	40.0	70.0	108.7	2.8
11	345	98.0	35.0	66.5	179.0	1.5
12	346	90.0	43.0	66.5	389.7	1.4
13	347	98.0	48.2	73.1	422.1	1.9
14	348	100.0	64.0	82.0	143.3	1.8
15	349	100.0	62.0	81.0	75.2	1.8
16	350	100.0	59.0	79.5	111.2	2.1
17	351	99.5	56.5	78.0	99.6	1.3
18	352	99.9	41.7	70.8	93.4	1.2
19	353	92.0	55.2	73.6	124.3	1.2
20	354	99.7	47.0	73.4	146.9	1.8
21	355	99.8	64.0	81.9	109.7	2.6
22	356	100.0	71.6	85.8	90.4	1.6
23	357	99.8	69.8	84.8	180.2	2.0
24	358	100.0	78.0	89.0	117.5	1.3
25	359	95.8	50.8	73.3	117.0	0.9
26	360	99.8	37.7	68.8	106.0	1.2
27	361	87.6	33.8	60.7	141.3	1.8
28	362	77.0	38.1	57.6	212.4	1.8
29	363	91.0	28.2	59.6	104.2	2.6
30	364	94.6	35.8	65.2	101.8	1.8
31	365	91.6	38.1	64.9	115.2	2.6
Mean		94.6	52.6	73.6	156.4	2.1
Abs. Max.		100.0	78.0	89.0	422.1	7.4
Abs. Min.		72.2	28.2	57.6	75.2	0.9

**JINDIRESS - DAILY CLIMATIC DATA II
JANUARY 1991**

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	1	90.8	38.7	64.8	148.0	2.4
2	2	96.6	46.0	71.3	132.7	2.0
3	3	100.0	85.8	92.9	162.5	2.9
4	4	96.6	69.2	82.9	107.2	1.4
5	5	96.4	85.0	90.7	75.8	1.3
6	6	95.6	94.5	95.1	88.4	1.0
7	7	95.8	63.8	79.8	137.5	1.4
8	8	95.3	78.0	86.7	96.1	1.0
9	9	95.2	94.8	95.0	56.3	0.3
10	10	95.1	79.0	87.1	54.4	1.0
11	11	86.1	36.0	61.1	143.4	2.2
12	12	63.7	35.0	49.4	214.7	3.3
13	13	92.2	37.0	64.6	151.4	1.8
14	14	97.0	48.0	72.5	199.2	3.1
15	15	98.1	63.2	80.7	139.6	2.3
16	16	95.1	71.0	83.1	101.8	2.6
17	17	95.5	73.0	84.3	122.9	0.7
18	18	95.4	77.0	86.2	101.5	1.4
19	19	94.9	72.9	83.9	217.0	0.9
20	20	95.7	79.0	87.4	179.4	0.7
21	21	95.2	84.8	90.0	125.8	0.5
22	22	95.0	60.0	77.5	170.0	0.9
23	23	94.3	35.3	64.8	105.1	1.2
24	24	95.0	38.6	66.8	90.5	1.2
25	25	89.8	31.0	60.4	103.1	1.8
26	26	90.0	32.5	61.3	131.8	3.0
27	27	98.0	37.0	67.5	573.7	0.9
28	28	90.0	50.4	70.2	221.8	1.2
29	29	99.0	86.0	92.5	111.6	0.6
30	30	98.4	88.0	93.2	172.6	1.1
31	31	97.8	67.0	82.0	132.5	0.8
Mean		94.0	62.5	78.2	147.4	1.5
Abs.Max.		100.0	94.8	95.1	573.7	3.3
Abs.Min.		63.7	31.0	49.4	54.4	0.3

JINDIRESS - DAILY CLIMATIC DATA II
FEBRUARY 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	32	93.6	48.8	71.2	145.7	1.0
2	33	97.0	54.0	75.5	248.9	2.1
3	34	96.2	44.8	70.5	385.8	0.9
4	35	80.0	40.0	60.0	142.5	0.9
5	36	60.0	37.0	48.5	358.2	1.8
6	37	86.2	42.0	64.1	187.2	1.5
7	38	99.0	36.8	67.9	113.4	2.6
8	39	92.0	39.4	65.7	161.0	2.4
9	40	92.0	33.4	62.7	100.8	2.6
10	41	94.9	36.0	65.5	137.7	1.8
11	42	95.8	41.7	68.8	126.8	2.2
12	43	96.0	44.1	70.1	143.2	2.6
13	44	87.0	45.2	66.1	272.2	2.5
14	45	74.0	37.0	55.5	179.2	2.6
15	46	62.0	35.8	48.9	401.9	3.3
16	47	99.0	38.8	68.9	171.7	4.3
17	48	93.0	72.3	82.7	108.8	1.0
18	49	92.4	65.1	78.8	62.9	1.4
19	50	92.0	76.4	84.2	49.6	0.4
20	51	93.0	64.6	78.8	129.7	3.1
21	52	87.0	23.5	55.3	162.5	2.4
22	53	60.0	28.1	44.1	527.1	2.6
23	54	49.0	34.9	42.0	411.5	3.3
24	55	58.0	41.0	49.5	416.3	5.3
25	56	94.1	59.8	77.0	188.5	1.9
26	57	93.4	86.0	89.7	137.8	1.8
27	58	93.0	70.0	81.5	108.7	1.8
28	59	93.0	65.0	79.0	161.3	2.6
Mean		85.8	47.9	66.9	205.0	2.2
Abs.Max.		99.0	86.0	89.7	527.1	5.3
Abs.Min.		49.0	23.5	42.0	49.6	0.4

**JINDIRESS - DAILY CLIMATIC DATA II
MARCH 1991**

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	60	93.6	61.0	77.3	98.5	1.5
2	61	93.3	54.3	73.8	170.7	3.0
3	62	94.0	39.0	66.5	120.3	2.2
4	63	92.8	46.0	69.4	210.0	1.8
5	64	93.0	77.0	85.0	149.6	2.5
6	65	91.0	28.2	59.6	149.6	4.6
7	66	91.6	39.6	65.6	295.9	3.5
8	67	93.5	38.0	65.8	235.4	1.5
9	68	66.2	15.0	40.6	222.9	5.0
10	69	71.5	30.0	50.8	206.5	4.0
11	70	70.2	51.6	60.9	435.0	4.6
12	71	90.3	42.0	66.2	219.5	4.2
13	72	95.2	55.0	75.0	126.1	3.2
14	73	94.0	43.0	68.5	145.0	4.5
15	74	91.8	34.8	63.3	145.3	2.6
16	75	79.2	37.2	58.2	255.3	4.8
17	76	94.0	62.0	78.0	197.4	1.0
18	77	94.3	68.0	81.2	192.4	2.0
19	78	94.3	67.0	80.7	78.1	2.2
20	79	94.0	51.0	72.5	127.4	2.6
21	80	74.9	54.9	64.9	315.6	3.1
22	81	96.0	68.8	82.4	543.7	m
23	82	96.0	61.8	78.9	220.8	1.9
24	83	96.9	66.7	81.8	100.0	2.6
25	84	96.0	52.0	74.0	92.2	3.7
26	85	96.0	49.0	72.5	146.6	3.9
27	86	95.3	38.7	67.0	177.4	5.0
28	87	94.2	30.4	62.3	92.7	4.4
29	88	97.2	48.6	72.9	151.9	3.8
30	89	96.2	50.0	73.1	217.4	4.4
31	90	96.0	61.0	78.5	288.7	5.3
Mean		90.7	49.1	69.9	197.7	(3.3)
Abs.Max.		97.2	77.0	85.0	543.7	(5.3)
Abs.Min.		66.2	15.0	40.6	78.1	(1.0)

JINDIRESS - DAILY CLIMATIC DATA II
APRIL 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	91	98.4	55.0	76.7	119.5	4.6
2	92	93.0	49.2	71.1	324.5	5.0
3	93	98.8	62.0	80.4	363.0	3.3
4	94	96.0	60.8	78.4	282.1	0.5
5	95	96.0	43.8	69.9	253.8	3.5
6	96	95.7	46.0	70.9	206.9	4.6
7	97	72.2	39.2	55.7	265.8	6.4
8	98	95.9	48.0	72.0	236.1	3.0
9	99	96.0	76.0	86.0	197.5	3.6
10	100	96.0	63.3	79.7	69.8	1.6
11	101	96.0	58.0	77.0	204.8	6.1
12	102	96.0	47.0	71.5	233.9	5.4
13	103	96.3	39.0	67.7	123.9	4.8
14	104	96.0	37.0	66.5	193.7	3.7
15	105	90.0	45.3	67.7	432.5	3.3
16	106	97.4	51.0	74.2	212.3	6.7
17	107	97.2	57.0	77.1	232.8	5.1
18	108	98.0	37.0	67.5	96.8	5.4
19	109	97.0	30.2	63.6	148.2	4.6
20	110	82.3	37.5	59.9	303.0	5.9
21	111	95.8	63.8	79.8	277.5	7.5
22	112	98.3	36.2	67.3	130.1	5.9
23	113	93.3	26.2	59.8	166.2	6.3
24	114	96.7	37.0	66.9	236.0	7.0
25	115	98.0	48.2	73.1	299.4	6.7
26	116	95.3	35.0	65.2	139.3	7.1
27	117	99.2	20.1	59.7	107.4	8.1
28	118	95.0	36.0	65.5	103.5	7.3
29	119	100.0	46.0	73.0	86.2	8.0
30	120	100.0	69.8	84.9	217.6	6.8
Mean		95.2	46.7	71.0	208.8	5.3
Abs.Max.		100.0	76.0	86.0	432.5	8.1
Abs.Min.		72.2	20.1	55.7	69.8	0.5

**JINDIRESS - DAILY CLIMATIC DATA II
MAY 1991**

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	121	100.0	100.0	100.0	258.8	5.0
2	122	100.0	71.6	85.8	247.0	6.2
3	123	100.0	57.0	78.5	173.4	5.9
4	124	100.0	47.0	73.5	134.3	6.5
5	125	100.0	70.2	85.1	164.4	6.7
6	126	100.0	59.2	79.6	164.4	7.7
7	127	100.0	77.8	88.9	274.5	8.0
8	128	100.0	88.3	94.2	158.1	8.3
9	129	100.0	87.0	93.5	311.7	7.2
10	130	100.0	75.8	87.9	242.8	8.1
11	131	100.0	78.0	89.0	127.3	7.5
12	132	100.0	50.1	75.1	310.2	8.1
13	133	100.0	47.0	73.5	313.3	7.3
14	134	100.0	41.0	70.5	299.2	7.9
15	135	100.0	64.0	82.0	231.7	5.3
16	136	100.0	59.8	79.9	566.5	7.2
17	137	100.0	50.0	75.0	321.2	8.0
18	138	100.0	46.0	73.0	247.3	8.7
19	139	100.0	33.0	66.5	156.4	7.5
20	140	100.0	37.6	68.8	369.0	8.7
21	141	100.0	63.0	81.5	559.8	10.8
22	142	100.0	39.0	69.5	248.4	8.4
23	143	100.0	40.0	70.0	208.8	6.5
24	144	100.0	33.0	66.5	115.3	8.1
25	145	100.0	40.0	70.0	128.8	7.3
26	146	100.0	47.9	74.0	371.1	7.9
27	147	100.0	50.0	75.0	405.7	6.1
28	148	100.0	47.2	73.6	349.2	6.6
29	149	100.0	56.0	78.0	181.4	1.3
30	150	100.0	45.0	72.5	209.0	7.3
31	151	100.0	43.4	71.7	227.5	7.0
Mean		100.0	56.3	78.1	260.5	7.2
Abs. Max.		100.0	100.0	100.0	566.5	10.8
Abs. Min.		100.0	33.0	66.5	115.3	1.3

JINDIRESS - DAILY CLIMATIC DATA II
JUNE 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	152	100.0	47.3	73.7	280.7	5.4
2	153	100.0	22.8	61.4	282.6	9.4
3	154	100.0	24.0	62.0	251.5	10.5
4	155	97.0	30.0	63.5	284.3	11.8
5	156	98.0	38.8	68.4	354.9	8.5
6	157	96.0	41.6	68.8	351.9	12.2
7	158	100.0	42.1	71.1	312.4	8.7
8	159	100.0	32.2	66.1	286.7	8.7
9	160	97.0	31.9	64.5	272.9	10.7
10	161	99.0	47.8	73.4	419.2	11.4
11	162	100.0	33.6	66.8	317.5	11.1
12	163	99.0	39.8	69.4	232.2	11.5
13	164	97.2	46.1	71.7	257.4	12.1
14	165	97.0	35.8	66.4	205.5	12.3
15	166	100.0	39.0	69.5	212.3	10.5
16	167	100.0	30.0	65.0	215.8	9.6
17	168	93.1	22.0	57.6	203.2	9.2
18	169	100.0	24.3	62.2	233.8	8.0
19	170	82.6	23.0	52.8	289.6	9.8
20	171	96.0	36.4	66.2	238.5	9.4
21	172	100.0	45.8	72.9	365.9	10.5
22	173	100.0	40.1	70.1	236.6	8.5
23	174	100.0	32.7	66.4	225.7	10.5
24	175	99.2	25.0	62.1	243.1	11.6
25	176	97.0	53.0	75.0	420.0	10.9
26	177	86.0	47.0	66.5	387.2	10.7
27	178	95.0	40.0	67.5	311.2	10.1
28	179	99.2	42.0	70.6	333.1	12.0
29	180	95.4	45.0	70.2	249.1	9.6
30	181	98.0	52.2	75.1	381.7	11.5
Mean		97.4	37.0	67.2	288.5	10.2
Abs. Max.		100.0	53.0	75.1	420.0	12.3
Abs. Min.		82.6	22.0	52.8	203.2	5.4

**JINDIRESS - DAILY CLIMATIC DATA II
JULY 1991**

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	182	93.0	52.0	72.5	512.5	11.9
2	183	97.4	54.0	75.7	404.5	10.5
3	184	98.0	50.0	74.0	511.1	9.4
4	185	98.0	48.0	73.0	501.3	10.9
5	186	92.8	47.8	70.3	406.2	9.8
6	187	96.0	49.0	72.5	249.9	7.9
7	188	95.8	48.0	71.9	424.1	12.5
8	189	94.3	45.0	69.7	522.7	11.5
9	190	93.0	47.0	70.0	429.8	10.2
10	191	100.0	23.0	61.5	300.0	11.5
11	192	72.0	23.6	47.8	181.8	10.9
12	193	75.0	27.2	51.1	231.2	13.2
13	194	83.0	29.6	56.3	357.0	12.8
14	195	95.2	46.4	70.8	290.9	12.2
15	196	100.0	53.0	76.5	510.3	14.0
16	197	100.0	56.8	78.4	486.6	12.6
17	198	100.0	59.9	80.0	435.9	13.7
18	199	100.0	61.0	80.5	528.1	14.2
19	200	100.0	66.0	83.0	434.6	15.0
20	201	100.0	54.0	77.0	245.8	15.1
21	202	100.0	65.0	82.5	452.3	16.0
22	203	100.0	59.1	79.6	470.2	15.1
23	204	100.0	59.0	79.5	484.6	14.6
24	205	100.0	59.0	79.5	446.9	13.6
25	206	100.0	58.5	79.3	566.6	15.1
26	207	100.0	68.0	84.0	539.2	14.6
27	208	100.0	64.0	82.0	423.3	15.3
28	209	100.0	44.9	72.5	389.3	14.0
29	210	91.2	48.1	69.7	473.9	15.0
30	211	93.5	43.8	68.7	614.3	15.3
31	212	91.3	54.0	72.7	595.5	15.9
Mean		95.5	50.5	73.0	432.9	13.1
Abs.Max.		100.0	68.0	84.0	614.3	16.0
Abs.Min.		72.0	23.0	47.8	181.8	7.9

JINDIRESS - DAILY CLIMATIC DATA II
AUGUST 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	213	93.2	53.0	73.0	426.2	16.6
2	214	97.8	47.0	72.4	393.5	17.2
3	215	97.3	50.9	74.1	505.1	15.4
4	216	97.3	49.0	73.2	443.3	15.9
5	217	83.5	52.9	68.2	443.3	15.3
6	218	86.8	49.6	68.2	503.4	16.0
7	219	89.0	42.0	65.5	380.8	14.2
8	220	92.0	44.0	68.0	297.8	16.9
9	221	92.3	39.8	66.1	388.9	15.3
10	222	87.2	41.6	64.4	670.4	14.3
11	223	75.1	29.0	52.1	511.3	14.4
12	224	83.1	25.5	54.3	261.0	15.0
13	225	91.8	25.0	58.4	282.2	16.6
14	226	85.6	38.1	61.9	498.6	16.2
15	227	82.6	48.0	65.3	613.1	15.1
16	228	85.0	50.8	67.9	614.5	16.0
17	229	83.8	52.9	68.4	627.5	16.6
18	230	87.0	60.2	73.6	580.1	17.0
19	231	95.0	57.0	76.0	524.8	15.9
20	232	96.8	50.2	73.5	711.3	15.5
21	233	94.0	43.4	68.7	184.2	17.7
22	234	97.8	46.0	71.9	588.5	17.0
23	235	93.8	49.3	71.6	409.2	15.9
24	236	97.2	48.0	72.6	367.1	19.2
25	237	94.0	19.7	56.9	277.1	16.5
26	238	76.0	16.2	46.1	313.8	16.9
27	239	88.2	38.1	63.2	448.8	15.5
28	240	92.0	51.0	71.5	598.4	14.4
29	241	83.0	56.0	69.5	555.2	14.0
30	242	84.7	56.1	70.4	427.0	15.1
31	243	87.9	39.3	63.6	305.8	16.8
Mean		89.4	44.2	66.8	456.5	16.0
Abs. Max.		97.8	60.2	76.0	711.3	19.2
Abs. Min.		75.1	16.2	46.1	184.2	14.0

**JINDIRESS - DAILY SOIL TEMPERATURE
SEPTEMBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	244	38.0	24.9	31.5	33.2	24.7	29.0	32.3	30.0	31.2
2	245	38.5	24.2	31.4	34.0	24.2	29.1	32.7	30.0	31.4
3	246	37.6	24.6	31.1	33.0	24.3	28.7	32.1	30.0	31.1
4	247	35.6	25.3	30.5	31.6	24.5	28.1	31.7	30.0	30.9
5	248	37.1	25.0	31.1	33.0	25.0	29.0	32.0	30.0	31.0
6	249	37.0	24.9	31.0	32.7	24.5	28.6	32.0	30.0	31.0
7	250	37.0	24.5	30.8	32.4	24.3	28.4	31.9	29.9	30.9
8	251	38.9	24.8	31.9	34.0	24.4	29.2	32.5	29.7	31.1
9	252	37.1	25.5	31.3	33.0	25.0	29.0	32.2	30.1	31.2
10	253	36.0	24.9	30.5	32.0	24.8	28.4	32.0	30.2	31.1
11	254	36.2	25.0	30.6	32.0	24.7	28.4	32.0	30.0	31.0
12	255	35.0	24.8	29.9	31.1	24.2	27.7	31.5	30.0	30.8
13	256	33.0	24.4	28.7	29.8	24.0	26.9	30.8	29.4	30.1
14	257	32.8	22.3	27.9	29.3	22.2	25.8	30.3	28.9	29.6
15	258	34.0	21.0	27.5	30.0	21.3	25.7	30.2	28.2	29.2
16	259	36.1	21.0	28.6	31.4	21.1	26.3	30.8	27.8	29.3
17	260	34.8	22.0	28.4	30.1	21.7	25.9	30.2	28.0	29.1
18	261	35.0	22.8	28.9	30.4	22.2	26.3	30.6	28.3	29.5
19	262	34.3	23.0	28.7	30.0	22.4	26.2	30.4	28.4	29.4
20	263	34.2	23.3	28.8	30.1	22.7	26.4	30.3	28.7	29.5
21	264	37.0	23.7	30.4	32.0	22.8	27.4	31.2	28.5	29.9
22	265	37.3	24.0	30.7	32.9	23.4	28.2	31.8	29.0	30.4
23	266	37.8	25.0	31.4	33.2	24.7	29.0	32.0	29.8	30.9
24	267	36.6	25.0	30.8	32.2	24.8	28.5	31.9	30.0	31.0
25	268	34.0	24.5	29.3	30.3	24.1	27.2	31.0	29.4	30.2
26	269	34.9	24.1	29.5	30.9	23.9	27.4	31.0	29.1	30.1
27	270	37.3	23.7	30.5	32.9	23.6	28.3	31.6	29.1	30.4
28	271	37.0	23.9	30.5	32.8	23.6	28.2	31.8	29.0	30.4
29	272	33.9	24.3	29.1	30.0	24.0	27.0	31.0	29.1	30.1
30	273	31.1	19.3	25.2	28.0	19.2	23.6	29.9	27.4	28.7
Mean		35.8	23.9	29.9	31.6	23.5	27.6	31.4	29.3	30.4
Abs. Max.		38.9	25.5	31.9	34.0	25.0	29.2	32.7	30.2	31.4
Abs. Min.		31.1	19.3	25.2	28.0	19.2	23.6	29.9	27.4	28.7

**JINDIRESS - DAILY SOIL TEMPERATURE
OCTOBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	274	31.2	19.4	25.3	27.0	19.1	23.1	28.7	26.8	27.8
2	275	33.3	20.5	26.9	28.8	20.0	24.4	29.2	26.8	28.0
3	276	33.9	22.0	28.0	29.2	21.4	25.3	29.7	27.4	28.6
4	277	34.6	22.8	28.7	30.0	22.0	26.0	30.0	27.8	28.9
5	278	35.2	22.1	28.7	30.8	22.1	26.5	30.1	28.0	29.1
6	279	35.4	22.0	28.7	30.8	21.7	26.3	30.0	27.7	28.9
7	280	35.8	22.3	29.1	31.0	22.0	26.5	30.2	27.6	28.9
8	281	35.4	23.4	29.4	31.0	23.0	27.0	30.5	28.1	29.3
9	282	34.0	22.2	28.1	29.7	21.9	25.8	30.0	28.1	29.1
10	283	33.0	22.7	27.9	28.8	22.0	25.4	29.6	28.0	28.8
11	284	32.9	19.9	26.4	28.5	19.7	24.1	29.2	27.0	28.1
12	285	32.3	19.1	25.7	27.6	19.0	23.3	28.3	26.2	27.3
13	286	31.0	19.6	25.3	26.3	19.0	22.7	27.8	25.8	26.8
14	287	32.1	17.2	24.7	27.6	17.2	22.4	28.0	25.3	26.7
15	288	29.8	19.0	24.4	25.2	17.8	21.5	26.9	24.8	25.9
16	289	30.5	19.3	24.9	26.2	18.7	22.5	27.2	25.2	26.2
17	290	29.3	20.3	24.8	25.3	19.0	22.2	26.9	25.0	26.0
18	291	27.6	22.3	25.0	24.5	21.2	22.9	26.9	25.9	26.4
19	292	30.8	20.8	25.8	26.3	20.0	23.2	27.6	26.0	26.8
20	293	32.2	21.2	26.7	27.8	20.2	24.0	28.0	25.9	27.0
21	294	33.0	22.3	27.7	28.0	21.1	24.6	28.2	26.1	27.2
22	295	32.2	22.2	27.2	28.9	20.1	24.5	28.3	26.5	27.4
23	296	30.9	21.0	26.0	28.2	18.6	23.4	28.0	26.3	27.2
24	297	24.6	19.6	22.1	22.0	16.0	19.0	26.0	24.5	25.3
25	298	22.9	15.8	19.4	20.0	12.8	16.4	24.7	23.0	23.9
26	299	23.0	16.0	19.5	20.0	13.1	16.6	23.7	22.3	23.0
27	300	23.0	16.2	19.6	20.0	13.8	16.9	23.3	22.1	22.7
28	301	22.0	15.1	18.6	19.3	12.3	15.8	23.2	22.0	22.6
29	302	23.0	15.3	19.2	20.0	12.9	16.5	23.0	21.6	22.3
30	303	23.8	17.5	20.7	21.0	15.0	18.0	23.8	22.1	23.0
31	304	24.2	18.3	21.3	21.7	15.9	18.8	24.0	22.6	23.3
Mean		30.1	19.9	25.0	26.2	18.7	22.4	27.5	25.6	26.5
Abs. Max.		35.8	23.4	29.4	31.0	23.0	27.0	30.5	28.1	29.3
Abs. Min.		22.0	15.1	18.6	19.3	12.3	15.8	23.0	21.6	22.3

**JINDIRESS - DAILY SOIL TEMPERATURE
NOVEMBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	305	26.0	18.0	22.0	23.0	15.9	19.5	24.5	23.0	23.8
2	306	24.2	17.7	21.0	21.2	15.1	18.2	24.0	23.0	23.5
3	307	26.0	17.2	21.6	23.2	14.9	19.1	24.2	23.0	23.6
4	308	24.2	17.0	20.6	21.1	14.4	17.8	23.9	22.8	23.4
5	309	24.7	16.7	20.7	21.7	14.0	17.9	23.9	22.4	23.2
6	310	25.0	17.0	21.0	22.0	14.6	18.3	23.8	22.4	23.1
7	311	22.0	17.7	19.9	19.3	15.2	17.3	23.3	22.8	23.1
8	312	22.1	16.5	19.3	19.2	14.0	16.6	23.0	22.0	22.5
9	313	19.0	14.6	16.8	16.0	12.0	14.0	22.0	20.4	21.2
10	314	17.9	13.6	15.8	15.0	10.6	12.8	20.6	19.4	20.0
11	315	18.0	11.4	14.7	14.9	8.2	11.6	19.7	18.0	18.9
12	316	17.1	9.3	13.2	13.6	6.0	9.8	18.4	17.0	17.7
13	317	16.3	9.3	12.8	12.5	6.1	9.3	17.3	16.1	16.7
14	318	16.0	9.4	12.7	12.0	6.3	9.2	17.0	15.8	16.4
15	319	16.1	10.0	13.1	12.3	6.9	9.6	17.0	15.6	16.3
16	320	17.2	10.8	14.0	13.8	7.7	10.8	17.2	16.0	16.6
17	321	18.0	10.9	14.5	14.7	8.0	11.4	17.8	16.0	16.9
18	322	18.6	11.2	14.9	15.1	8.3	11.7	18.0	16.8	17.4
19	323	18.6	12.0	15.3	15.1	9.1	12.1	18.2	16.9	17.6
20	324	18.6	14.1	16.4	15.1	11.1	13.1	19.0	18.0	18.5
21	325	19.3	13.0	16.2	16.0	10.0	13.0	19.2	18.1	18.7
22	326	19.2	13.0	16.1	16.0	10.0	13.0	19.0	17.8	18.4
23	327	19.2	12.8	16.0	15.9	9.8	12.9	18.9	17.5	18.2
24	328	18.6	12.9	15.8	15.0	9.9	12.5	18.6	17.4	18.0
25	329	18.9	13.5	16.2	15.9	11.0	13.5	19.1	18.0	18.6
26	330	17.0	11.8	14.4	14.2	9.0	11.6	18.7	17.8	18.3
27	331	17.2	11.7	14.5	14.2	9.0	11.6	18.1	17.2	17.7
28	332	17.7	11.9	14.8	14.5	9.2	11.9	18.0	17.0	17.5
29	333	17.0	12.0	14.5	14.0	9.9	12.0	18.0	17.0	17.5
30	334	16.3	13.0	14.7	13.4	10.4	11.9	17.9	17.1	17.5
Mean		19.5	13.3	16.5	16.3	10.6	13.5	19.9	18.7	19.4
Abs. Max.		26.0	18.0	22.0	23.2	15.9	19.5	24.5	23.0	23.8
Abs. Min.		16.0	9.3	12.7	12.0	6.0	9.2	17.0	15.6	16.3

**JINDIRESS - DAILY SOIL TEMPERATURE
DECEMBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	335	16.2	13.0	14.6	13.4	9.3	11.4	18.0	17.2	17.6
2	336	16.0	13.0	14.5	13.4	10.6	12.0	17.9	17.1	17.5
3	337	15.8	13.5	14.7	13.1	11.1	12.1	17.8	17.2	17.5
4	338	17.0	12.3	14.7	14.4	10.0	12.2	18.1	17.2	17.7
5	339	15.3	12.0	13.7	12.9	9.7	11.3	17.5	17.0	17.3
6	340	16.8	10.2	13.5	13.8	7.6	10.7	17.6	16.5	17.1
7	341	15.8	10.0	12.9	12.3	7.2	9.8	16.8	16.0	16.4
8	342	14.2	10.3	12.3	11.3	7.6	9.5	16.3	15.4	15.9
9	343	15.5	8.5	12.0	14.2	7.0	10.6	16.4	15.3	15.9
10	344	14.3	7.0	10.7	12.8	5.3	9.1	15.6	14.3	15.0
11	345	13.6	7.5	10.6	11.8	5.8	8.8	14.8	13.8	14.3
12	346	12.7	7.7	10.2	10.9	6.3	8.6	14.3	13.2	13.8
13	347	12.3	10.3	11.3	10.9	9.0	10.0	15.0	14.2	14.6
14	348	13.6	8.0	10.8	12.0	6.5	9.3	15.1	14.2	14.7
15	349	14.0	8.2	11.1	12.4	7.3	9.9	15.0	13.8	14.4
16	350	15.4	9.9	12.7	13.8	8.9	11.4	15.8	14.4	15.1
17	351	15.0	9.2	12.1	13.2	7.1	10.2	15.8	14.6	15.2
18	352	14.6	7.5	11.1	12.3	5.0	8.7	15.1	14.0	14.6
19	353	13.2	7.4	10.3	10.8	5.6	8.2	14.0	13.0	13.5
20	354	12.1	9.1	10.6	9.9	7.2	8.6	14.0	13.1	13.6
21	355	13.0	9.2	11.1	10.7	7.0	8.9	14.2	13.8	14.0
22	356	12.2	9.0	10.6	10.0	6.8	8.4	14.1	13.5	13.8
23	357	11.8	8.6	10.2	11.0	7.0	9.0	14.2	13.5	13.9
24	358	9.4	5.0	7.2	8.6	3.7	6.2	13.9	12.1	13.0
25	359	9.3	4.9	7.1	8.0	3.4	5.7	12.1	11.4	11.8
26	360	9.9	4.4	7.2	8.3	3.0	5.7	12.0	11.0	11.5
27	361	9.3	4.3	6.8	8.0	3.2	5.6	11.3	10.3	10.8
28	362	7.9	5.8	6.9	6.6	3.3	5.0	11.0	10.4	10.7
29	363	10.2	4.1	7.2	9.2	2.5	5.9	11.3	10.5	10.9
30	364	10.2	4.0	7.1	9.2	2.8	6.0	11.4	10.2	10.8
31	365	10.8	4.2	7.5	9.9	3.3	6.6	11.8	10.4	11.1
Mean		13.1	8.3	10.8	11.3	6.5	8.9	14.8	13.8	14.3
Abs.Max.		17.0	13.5	14.7	14.4	11.1	12.2	18.1	17.2	17.7
Abs.Min.		7.9	4.0	6.8	6.6	2.5	5.0	11.0	10.2	10.7

**JINDIRESS - DAILY SOIL TEMPERATURE
JANUARY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	1	10.9	4.8	7.9	10.0	3.9	7.0	12.0	10.8	11.4
2	2	11.3	5.6	8.5	10.3	4.7	7.5	12.0	11.0	11.5
3	3	8.7	7.0	7.9	7.7	6.0	6.9	12.0	11.4	11.7
4	4	12.2	7.0	9.6	11.5	6.0	8.8	13.0	12.0	12.5
5	5	11.3	6.8	9.1	10.8	5.7	8.3	12.9	12.0	12.5
6	6	10.3	6.1	8.2	11.1	5.7	8.4	13.0	12.0	12.5
7	7	10.2	5.0	7.6	11.0	5.5	8.3	13.0	12.0	12.5
8	8	10.7	5.0	7.9	11.5	5.9	8.7	13.0	11.9	12.5
9	9	8.0	6.6	7.3	8.6	7.1	7.9	12.7	12.5	12.6
10	10	10.1	4.6	7.4	11.0	5.0	8.0	13.0	12.0	12.5
11	11	10.3	4.1	7.2	11.0	4.5	7.8	12.2	11.1	11.7
12	12	9.8	4.2	7.0	10.3	4.7	7.5	12.0	11.0	11.5
13	13	10.3	3.5	6.9	11.4	4.0	7.7	12.6	11.0	11.8
14	14	9.9	3.6	6.8	10.6	4.2	7.4	12.2	11.2	11.7
15	15	9.0	4.0	6.5	9.9	4.8	7.4	12.2	11.1	11.7
16	16	9.2	6.5	7.9	10.0	7.0	8.5	13.0	12.3	12.7
17	17	9.0	6.5	7.8	9.9	7.3	8.6	13.0	12.5	12.8
18	18	9.8	5.0	7.4	10.4	6.0	8.2	13.1	12.2	12.7
19	19	8.7	5.1	6.9	9.2	6.0	7.6	12.5	12.0	12.3
20	20	8.0	7.2	7.6	8.6	7.6	8.1	12.5	12.2	12.4
21	21	9.5	6.4	8.0	10.1	7.0	8.6	13.0	12.2	12.6
22	22	9.6	5.2	7.4	10.1	5.5	7.8	12.9	12.2	12.6
23	23	10.5	3.4	7.0	11.0	3.6	7.3	12.7	11.7	12.2
24	24	9.0	3.0	6.0	9.0	3.0	6.0	11.7	10.8	11.3
25	25	8.3	3.0	5.7	8.4	3.2	5.8	11.0	10.1	10.6
26	26	8.0	2.6	5.3	8.0	2.4	5.2	11.0	10.0	10.5
27	27	8.1	2.5	5.3	8.3	2.5	5.4	10.7	9.8	10.3
28	28	7.2	3.1	5.2	7.5	3.2	5.4	10.5	9.8	10.2
29	29	5.0	4.1	4.6	5.1	4.1	4.6	10.2	10.0	10.1
30	30	4.4	4.0	4.2	4.6	4.0	4.3	10.0	9.8	9.9
31	31	7.9	4.0	6.0	8.0	4.0	6.0	10.8	9.8	10.3
Mean		9.2	4.8	7.0	9.5	5.0	7.3	12.1	11.3	11.7
Abs. Max.		12.2	7.2	9.6	11.5	7.6	8.8	13.1	12.5	12.8
Abs. Min.		4.4	2.5	4.2	4.6	2.4	4.3	10.0	9.8	9.9

**JINDIRESS - DAILY SOIL TEMPERATURE
FEBRUARY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	32	7.1	4.0	5.6	7.2	4.0	5.6	10.6	9.9	10.3
2	33	9.8	4.8	7.3	10.0	5.0	7.5	11.5	10.1	10.8
3	34	7.0	2.9	5.0	7.0	2.7	4.9	11.0	9.9	10.5
4	35	7.3	2.8	5.1	7.4	2.5	5.0	10.1	9.4	9.8
5	36	7.1	2.6	4.9	7.0	2.5	4.8	9.9	9.1	9.5
6	37	5.3	3.1	4.2	5.2	3.0	4.1	9.4	9.1	9.3
7	38	8.8	3.0	5.9	9.0	3.0	6.0	10.3	9.0	9.7
8	39	9.8	3.0	6.4	10.0	3.0	6.5	10.6	9.3	10.0
9	40	9.0	3.0	6.0	9.1	2.8	6.0	10.6	9.7	10.2
10	41	9.2	2.9	6.1	9.8	3.9	6.9	10.9	9.6	10.3
11	42	10.6	3.9	7.3	11.1	4.4	7.8	11.5	10.1	10.8
12	43	11.0	4.1	7.6	11.5	4.8	8.2	12.0	10.8	11.4
13	44	7.7	4.4	6.1	8.2	5.0	6.6	11.0	10.8	10.9
14	45	10.0	4.4	7.2	10.5	5.1	7.8	11.8	10.6	11.2
15	46	9.0	4.8	6.9	9.5	5.4	7.4	11.5	10.8	11.2
16	47	7.2	5.1	6.2	8.0	5.7	6.9	11.7	11.0	11.4
17	48	9.9	5.1	7.5	10.2	5.9	8.1	12.1	11.0	11.6
18	49	11.6	7.2	9.4	m	m	m	13.1	12.0	12.6
19	50	10.8	7.4	9.1	m	m	m	13.2	12.8	13.0
20	51	14.1	6.8	10.5	15.0	7.1	11.1	14.4	13.1	13.8
21	52	15.0	6.8	10.9	15.5	7.5	11.5	14.5	12.8	13.7
22	53	11.0	7.1	9.1	11.7	8.0	9.9	13.2	12.8	13.0
23	54	11.8	8.2	10.0	12.4	9.0	10.7	13.5	13.0	13.3
24	55	13.3	9.0	11.2	14.0	9.8	11.9	14.9	13.7	14.3
25	56	9.5	8.0	8.8	10.2	8.9	9.6	14.2	13.7	14.0
26	57	10.2	7.5	8.9	11.0	8.0	9.5	14.0	13.4	13.7
27	58	11.7	6.7	9.2	12.1	7.0	9.6	14.0	13.2	13.6
28	59	13.5	7.2	10.4	14.1	8.0	11.1	14.5	13.1	13.8
Mean		9.9	5.2	7.6	(10.3)	(5.5)	(7.9)	12.1	11.2	11.7
Abs.Max.		15.0	9.0	11.2	(15.5)	(9.8)	(11.9)	14.9	13.7	14.3
Abs.Min.		5.3	2.6	4.2	(5.2)	(2.5)	(4.1)	9.4	9.0	9.3

**JINDIRESS - DAILY SOIL TEMPERATURE
MARCH 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	60	12.5	8.0	10.3	13.2	8.7	11.0	14.5	13.3	13.9
2	61	15.0	8.1	11.6	16.0	8.8	12.4	15.2	14.0	14.6
3	62	15.6	8.6	12.1	17.0	9.5	13.3	16.0	14.3	15.2
4	63	14.0	9.0	11.5	15.0	10.0	12.5	15.9	14.7	15.3
5	64	10.8	6.8	8.8	11.7	6.9	9.3	15.2	14.0	14.6
6	65	12.4	5.4	8.9	13.2	5.1	9.2	14.2	13.0	13.6
7	66	12.0	5.6	8.8	13.0	6.1	9.6	14.0	12.2	13.1
8	67	12.6	7.8	10.2	13.4	8.0	10.7	14.8	13.8	14.3
9	68	13.7	4.8	9.3	14.0	4.4	9.2	14.4	13.0	13.7
10	69	12.5	4.6	8.6	13.4	5.0	9.2	14.0	12.2	13.1
11	70	10.0	6.9	8.5	11.0	7.6	9.3	13.3	12.9	13.1
12	71	11.2	7.7	9.5	12.2	8.4	10.3	14.0	13.0	13.5
13	72	14.8	7.8	11.3	16.0	8.2	12.1	15.2	13.6	14.4
14	73	15.5	7.9	11.7	17.0	8.6	12.8	15.8	14.0	14.9
15	74	16.8	8.0	12.4	18.0	8.3	13.2	16.2	14.0	15.1
16	75	13.0	9.0	11.0	13.0	9.9	11.5	14.8	13.8	14.3
17	76	9.9	7.8	8.9	10.7	8.2	9.5	14.2	13.8	14.0
18	77	10.8	7.9	9.4	11.6	8.6	10.1	14.3	13.5	13.9
19	78	15.8	8.4	12.1	17.0	9.0	13.0	16.2	14.3	15.3
20	79	20.3	8.5	14.4	21.8	9.8	15.8	18.0	15.0	16.5
21	80	17.8	11.9	14.9	19.2	13.4	16.3	18.0	16.6	17.3
22	81	13.2	11.2	12.2	14.5	12.5	13.5	17.1	16.1	16.6
23	82	17.1	11.3	14.2	18.4	12.8	15.6	17.7	16.1	16.9
24	83	16.3	13.5	14.9	17.8	14.0	15.9	18.1	16.0	17.1
25	84	21.9	12.2	17.1	23.4	13.0	18.2	20.1	17.2	18.7
26	85	22.0	12.3	17.2	23.8	13.3	18.6	20.6	18.2	19.4
27	86	21.6	11.9	16.8	23.2	13.1	18.2	20.5	18.6	19.6
28	87	23.0	12.1	17.6	24.8	12.3	18.6	21.0	18.1	19.6
29	88	22.9	14.3	18.6	24.8	15.2	20.0	21.6	19.2	20.4
30	89	24.0	14.1	19.1	26.0	15.8	20.9	22.3	20.0	21.2
31	90	24.0	20.1	22.1	20.2	15.1	17.7	16.4	14.1	15.3
Mean		15.9	9.5	12.7	16.9	10.0	13.5	16.6	14.9	15.8
Abs. Max.		24.0	20.1	22.1	26.0	15.8	20.9	22.3	20.0	21.2
Abs. Min.		9.9	4.6	8.5	10.7	4.4	9.2	13.3	12.2	13.1

**JINDIRESS - DAILY SOIL TEMPERATURE
APRIL 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	91	25.5	17.8	21.7	21.0	15.6	18.3	16.7	14.9	15.8
2	92	24.0	19.4	21.7	20.0	17.0	18.5	16.6	15.6	16.1
3	93	21.2	18.3	19.8	18.8	16.2	17.5	16.5	15.2	15.9
4	94	21.0	16.2	18.6	17.5	14.2	15.9	15.3	14.0	14.7
5	95	22.4	16.2	19.3	18.5	14.1	16.3	15.1	13.8	14.5
6	96	23.0	15.5	19.3	19.0	13.5	16.3	15.2	13.4	14.3
7	97	26.8	14.9	20.9	22.0	13.0	17.5	16.8	13.7	15.3
8	98	22.0	18.1	20.1	18.3	16.0	17.2	16.7	15.1	15.9
9	99	19.5	16.0	17.8	16.2	14.0	15.1	15.0	13.7	14.4
10	100	19.0	15.0	17.0	15.3	12.8	14.1	14.1	12.5	13.3
11	101	22.0	15.0	18.5	17.9	13.0	15.5	14.3	12.5	13.4
12	102	22.7	14.7	18.7	18.5	13.0	15.8	14.9	12.8	13.9
13	103	25.2	15.2	20.2	20.7	13.3	17.0	16.0	13.1	14.6
14	104	26.6	17.7	22.2	21.2	15.6	18.4	16.8	15.0	15.9
15	105	22.0	19.6	20.8	19.5	17.5	18.5	16.8	15.4	16.1
16	106	23.0	18.0	20.5	18.9	16.0	17.5	15.3	14.8	15.1
17	107	22.6	17.4	20.0	18.4	15.5	17.0	15.6	14.8	15.2
18	108	25.1	15.2	20.2	19.9	13.8	16.9	16.0	14.0	15.0
19	109	26.2	17.5	21.9	21.0	15.7	18.4	16.6	15.0	15.8
20	110	24.2	19.2	21.7	20.0	17.1	18.6	16.8	15.8	16.3
21	111	26.6	20.0	23.3	21.3	17.5	19.4	17.0	16.0	16.5
22	112	28.1	19.3	23.7	22.5	17.2	19.9	17.5	16.0	16.8
23	113	28.2	20.2	24.2	23.0	18.1	20.6	18.0	16.8	17.4
24	114	29.5	21.4	25.5	24.0	19.4	21.7	19.0	17.6	18.3
25	115	28.6	21.4	25.0	23.2	19.5	21.4	19.0	17.8	18.4
26	116	30.0	21.0	25.5	24.0	19.0	21.5	18.9	17.7	18.3
27	117	30.9	20.8	25.9	24.9	19.0	22.0	19.2	17.8	18.5
28	118	31.9	21.1	26.5	26.2	19.4	22.8	20.3	18.4	19.4
29	119	29.6	22.8	26.2	25.0	21.0	23.0	20.3	19.0	19.7
30	120	29.8	24.1	27.0	25.0	22.0	23.5	20.1	19.1	19.6
Mean		25.2	18.3	21.8	20.7	16.3	18.5	16.9	15.4	16.1
Abs. Max.		31.9	24.1	27.0	26.2	22.0	23.5	20.3	19.1	19.7
Abs. Min.		19.0	14.7	17.0	15.3	12.8	14.1	14.1	12.5	13.3

**JINDIRESS - DAILY SOIL TEMPERATURE
MAY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	121	26.0	20.6	23.3	23.4	19.0	21.2	20.1	18.2	19.2
2	122	25.0	18.6	21.8	21.2	17.0	19.1	18.0	16.8	17.4
3	123	28.1	19.0	23.6	23.5	17.2	20.4	18.5	16.7	17.6
4	124	29.6	20.6	25.1	24.8	18.8	21.8	19.2	17.6	18.4
5	125	31.2	21.4	26.3	26.2	19.9	23.1	20.1	18.4	19.3
6	126	31.0	23.1	27.1	26.2	21.2	23.7	20.8	19.3	20.1
7	127	31.0	23.0	27.0	26.1	21.2	23.7	20.9	19.6	20.3
8	128	28.9	24.1	26.5	24.9	22.0	23.5	21.0	19.9	20.5
9	129	30.1	23.4	26.8	25.9	21.6	23.8	20.8	19.7	20.3
10	130	31.0	23.0	27.0	26.0	21.0	23.5	20.8	19.5	20.2
11	131	31.0	24.4	27.7	26.2	22.1	24.2	21.0	20.0	20.5
12	132	32.0	24.2	28.1	27.0	22.1	24.6	21.4	20.2	20.8
13	133	28.6	24.8	26.7	25.0	22.4	23.7	21.4	20.1	20.8
14	134	31.0	23.4	27.2	26.0	21.2	23.6	20.8	19.3	20.1
15	135	29.2	24.4	26.8	25.0	22.0	23.5	20.7	19.8	20.3
16	136	26.8	24.5	25.7	24.1	22.0	23.1	20.6	19.5	20.1
17	137	28.8	23.0	25.9	24.0	20.4	22.2	19.8	18.8	19.3
18	138	30.2	22.7	26.5	25.0	20.3	22.7	20.1	18.9	19.5
19	139	32.0	23.0	27.5	26.9	20.8	23.9	21.1	19.1	20.1
20	140	31.9	25.1	28.5	26.8	22.6	24.7	21.6	20.1	20.9
21	141	27.0	24.2	25.6	25.0	22.0	23.5	21.4	19.6	20.5
22	142	27.7	22.2	25.0	23.0	20.0	21.5	19.8	18.8	19.3
23	143	28.4	21.4	24.9	23.3	19.1	21.2	19.3	18.2	18.8
24	144	30.2	22.0	26.1	24.9	19.9	22.4	20.2	18.6	19.4
25	145	30.4	23.7	27.1	25.0	21.2	23.1	20.9	19.8	20.4
26	146	29.1	23.7	26.4	24.0	21.3	22.7	21.0	19.4	20.2
27	147	28.0	23.5	25.8	23.2	21.0	22.1	20.0	19.1	19.6
28	148	28.0	22.0	25.0	23.0	19.8	21.4	19.5	18.3	18.9
29	149	24.3	22.0	23.2	21.2	19.6	20.4	19.3	18.1	18.7
30	150	27.0	20.1	23.6	22.0	18.1	20.1	18.9	17.5	18.2
31	151	27.0	21.0	24.0	22.1	18.8	20.5	18.9	17.8	18.4
Mean		29.0	22.6	25.9	24.5	20.5	22.5	20.3	18.9	19.6
Abs.Max.		32.0	25.1	28.5	27.0	22.6	24.7	21.6	20.2	20.9
Abs.Min.		24.3	18.6	21.8	21.2	17.0	19.1	18.0	16.7	17.4

**JINDIRESS - DAILY SOIL TEMPERATURE
JUNE 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	152	28.2	21.0	24.6	23.0	18.8	20.9	19.3	17.9	18.6
2	153	29.2	22.3	25.8	24.0	20.0	22.0	20.0	18.5	19.3
3	154	30.1	23.0	26.6	24.8	20.6	22.7	20.5	19.0	19.8
4	155	30.3	23.7	27.0	25.0	21.3	23.2	21.0	19.7	20.4
5	156	29.5	24.0	26.8	24.6	21.6	23.1	21.0	20.0	20.5
6	157	31.0	24.3	27.7	25.9	22.0	24.0	21.4	20.0	20.7
7	158	31.0	25.3	28.2	26.0	23.0	24.5	22.0	20.7	21.4
8	159	32.0	25.0	28.5	26.8	22.8	24.8	22.2	20.8	21.5
9	160	33.0	25.0	29.0	29.1	23.0	26.1	23.1	21.1	22.1
10	161	32.1	24.7	28.4	28.8	24.6	26.7	23.2	21.6	22.4
11	162	33.0	25.1	29.1	29.7	24.0	26.9	23.9	22.0	23.0
12	163	34.9	25.0	30.0	31.0	24.0	27.5	24.7	22.3	23.5
13	164	34.8	26.0	30.4	31.0	25.0	28.0	25.0	23.0	24.0
14	165	36.1	26.1	31.1	32.5	25.2	28.9	25.8	23.1	24.5
15	166	35.8	27.0	31.4	32.0	26.0	29.0	26.0	24.0	25.0
16	167	38.0	27.0	32.6	34.0	26.2	30.1	26.8	24.3	25.6
17	168	38.9	27.7	33.3	35.0	27.2	31.1	27.3	24.8	26.1
18	169	39.0	28.3	33.7	35.0	27.8	31.4	27.8	25.2	26.5
19	170	39.1	28.3	33.7	35.1	28.0	31.6	28.0	25.5	26.8
20	171	38.6	29.5	34.1	34.6	28.6	31.6	27.9	25.9	26.9
21	172	38.0	28.9	33.5	34.0	28.0	31.0	27.6	25.7	26.7
22	173	38.2	29.0	33.6	34.0	28.1	31.1	27.7	25.7	26.7
23	174	39.9	29.3	34.6	35.9	28.4	32.2	28.2	26.0	27.1
24	175	41.0	29.3	35.2	36.8	28.8	32.8	28.8	26.0	27.4
25	176	39.0	30.5	34.8	35.4	29.9	32.7	28.4	26.9	27.7
26	177	37.3	29.2	33.3	34.0	29.0	31.5	28.0	26.1	27.1
27	178	37.9	28.5	33.2	34.0	28.0	31.0	27.5	25.8	26.7
28	179	39.0	28.8	33.9	35.0	28.0	31.5	27.8	25.8	26.8
29	180	39.0	29.1	34.1	34.7	28.2	31.5	27.8	26.0	26.9
30	181	39.0	29.0	34.0	35.0	28.2	31.6	27.9	26.0	27.0
Mean		35.4	26.7	31.1	31.2	25.5	28.4	25.2	23.3	24.3
Abs. Max.		41.0	30.5	35.2	36.8	29.9	32.8	28.8	26.9	27.7
Abs. Min.		28.2	21.0	24.6	23.0	18.8	20.9	19.3	17.9	18.6

**JINDIRESS - DAILY SOIL TEMPERATURE
JULY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	182	37.0	29.6	33.3	33.8	28.7	31.3	27.6	26.0	26.8
2	183	37.0	29.1	33.1	33.6	28.2	30.9	27.0	25.3	26.2
3	184	37.9	28.2	33.1	33.9	27.6	30.8	27.0	25.1	26.1
4	185	38.0	28.0	33.0	34.0	27.4	30.7	27.0	25.0	26.0
5	186	36.9	28.0	32.5	33.0	27.1	30.1	26.6	25.0	25.8
6	187	36.0	28.0	32.0	32.0	27.0	29.5	26.1	24.7	25.4
7	188	36.0	27.2	31.6	32.8	26.7	29.8	26.0	24.3	25.2
8	189	36.6	27.7	32.2	33.1	27.0	30.1	26.1	24.2	25.2
9	190	36.2	28.0	32.1	33.0	27.3	30.2	26.2	24.5	25.4
10	191	38.0	27.8	32.9	34.2	27.1	30.7	27.0	24.7	25.9
11	192	41.0	27.3	34.2	36.4	27.0	31.7	27.6	25.0	26.3
12	193	41.0	27.8	34.4	36.8	27.5	32.2	27.9	25.2	26.6
13	194	38.0	29.0	33.5	35.0	28.7	31.9	27.5	25.9	26.7
14	195	41.3	28.6	35.0	36.7	28.1	32.4	28.0	26.0	27.0
15	196	39.0	29.2	34.1	34.5	29.0	31.8	27.8	26.0	26.9
16	197	38.9	29.0	34.0	34.2	28.4	31.3	27.2	25.4	26.3
17	198	39.0	28.7	33.9	34.2	28.1	31.2	27.2	25.3	26.3
18	199	39.0	29.0	34.0	34.0	28.3	31.2	27.0	25.4	26.2
19	200	37.9	29.0	33.5	33.4	28.3	30.9	26.8	25.2	26.0
20	201	42.3	28.4	35.4	37.0	27.9	32.5	28.0	25.0	26.5
21	202	38.0	29.1	33.6	34.3	29.0	31.7	27.7	26.0	26.9
22	203	37.1	31.1	34.1	34.0	30.0	32.0	27.4	26.1	26.8
23	204	37.4	31.0	34.2	34.0	30.0	32.0	27.7	26.2	27.0
24	205	37.3	31.0	34.2	34.0	30.0	32.0	27.8	26.5	27.2
25	206	36.2	30.7	33.5	33.0	29.8	31.4	27.4	26.3	26.9
26	207	35.9	30.1	33.0	32.8	29.1	31.0	27.0	26.0	26.5
27	208	36.7	30.1	33.4	33.3	29.1	31.2	27.0	25.9	26.5
28	209	37.6	30.0	33.8	34.0	29.1	31.6	27.6	26.0	26.8
29	210	36.9	29.5	33.2	33.0	29.0	31.0	27.3	26.0	26.7
30	211	35.2	30.0	32.6	31.9	28.9	30.4	27.0	25.8	26.4
31	212	34.8	29.1	32.0	31.6	28.0	29.8	26.0	25.0	25.5
Mean		37.7	29.0	33.4	33.9	28.3	31.1	27.1	25.5	26.6
Abs. Max.		42.3	31.1	35.4	37.0	30.0	32.5	28.0	26.5	37.0
Abs. Min.		34.8	27.2	31.6	31.6	26.7	29.5	26.0	24.2	25.2

**JINDIRESS - DAILY SOIL TEMPERATURE
AUGUST 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	213	35.8	29.0	32.4	32.4	28.0	30.2	26.3	24.9	25.6
2	214	36.9	29.3	33.1	33.2	28.4	30.8	27.0	25.2	26.1
3	215	36.0	29.6	32.8	32.4	28.8	30.6	26.8	25.7	26.3
4	216	35.5	29.5	32.5	32.1	28.3	30.2	26.6	25.3	26.0
5	217	35.5	29.3	32.2	33.8	28.0	30.9	26.3	25.0	25.7
6	218	35.8	29.3	32.6	33.1	28.5	30.8	26.7	25.1	25.9
7	219	37.0	29.7	33.4	34.2	28.9	31.6	27.3	25.7	26.5
8	220	37.9	29.3	33.6	35.0	28.6	31.8	27.7	26.0	26.9
9	221	37.0	29.0	33.0	34.4	28.4	31.4	27.7	26.0	26.9
10	222	36.0	29.8	32.9	33.2	29.0	31.1	27.3	26.0	26.7
11	223	35.3	29.5	32.4	33.1	28.2	30.7	27.0	25.4	26.2
12	224	38.0	28.1	33.1	35.4	27.6	31.5	27.5	25.2	26.4
13	225	38.7	29.5	34.1	36.2	29.0	32.6	28.1	26.0	27.1
14	226	37.0	28.8	32.9	35.0	28.5	31.8	28.0	26.3	27.2
15	227	35.9	30.7	33.3	34.0	29.5	31.8	27.6	26.2	26.9
16	228	35.3	30.0	32.7	33.8	29.0	31.4	27.0	25.8	26.4
17	229	34.9	29.3	32.1	33.0	28.4	30.7	26.7	25.3	26.0
18	230	35.0	29.2	32.1	33.2	28.1	30.7	26.6	25.1	25.9
19	231	35.0	29.0	32.0	33.2	28.0	30.6	26.6	25.2	25.9
20	232	35.6	29.3	32.5	33.9	28.2	31.1	26.9	25.3	26.1
21	233	36.0	29.3	32.7	34.0	28.3	31.2	27.1	25.5	26.3
22	234	35.2	29.5	32.4	33.6	28.6	31.1	27.0	25.7	26.4
23	235	35.6	29.3	32.5	34.0	28.4	31.2	27.0	25.6	26.3
24	236	36.2	29.5	32.9	34.7	28.4	31.6	27.2	25.6	26.4
25	237	36.1	29.0	32.6	34.2	28.2	31.2	27.4	26.0	26.7
26	238	36.0	27.2	31.6	34.0	27.1	30.6	27.1	25.2	26.2
27	239	35.3	27.5	31.4	33.9	27.3	30.6	26.9	24.0	25.5
28	240	34.8	28.6	31.7	33.3	28.0	30.7	26.5	25.0	25.8
29	241	33.7	28.3	31.0	32.4	27.4	29.9	26.2	24.8	25.5
30	242	34.0	27.5	30.8	32.8	27.0	29.9	25.9	24.1	25.0
31	243	35.0	27.0	31.0	33.0	26.7	29.9	26.0	24.1	25.1
Mean		35.9	29.0	32.5	33.7	28.2	31.0	27.0	25.4	26.2
Abs. Max.		38.7	30.7	34.1	36.2	29.5	32.6	28.1	26.3	27.2
Abs. Min.		33.7	27.0	30.8	32.1	26.7	29.9	25.9	24.0	25.0

TEL HADYA

(SYRIA)

1990-1991 Season

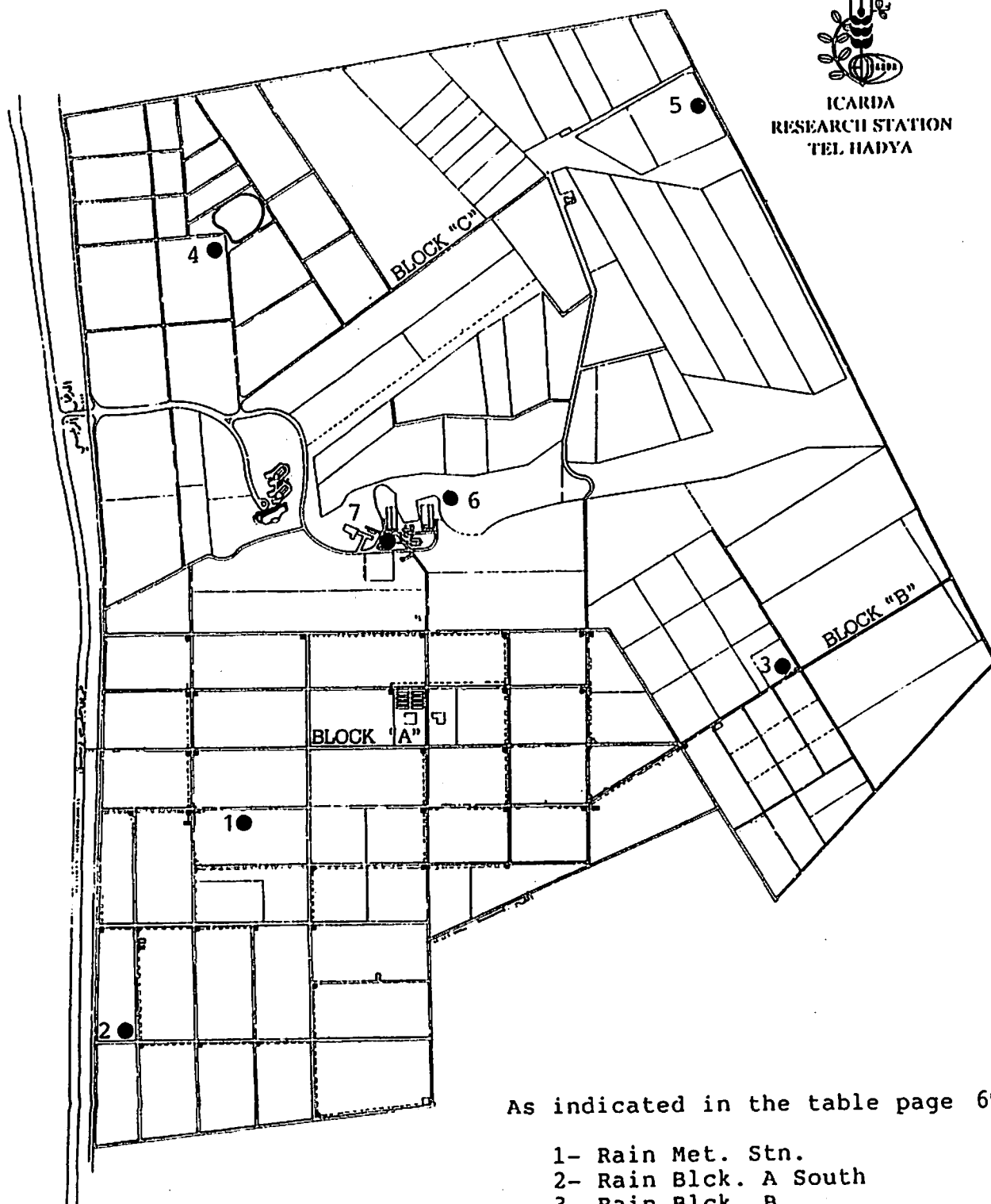
Latitude	Longitude	Elevation
36°01'N	36°56'E	284 m

NOTE:

- 1- In addition to the standard class A pan ("Evap. Pan A"), evaporation is measured with two other pans of the same dimensions at Tel Hadya. These are covered with a loose mesh to prevent interference from birds and other animals. One of the so protected pans is raised above the ground like the original class A pan ("Evap. Pan A (Mesh)"). Observations from this pan were reported as pan evaporation in previous reports in this series. The second mesh-protected pan is sunk into the ground so that the water surface is level with the ground surface ("Evap. A-size Sunk+M"). Further evaporation measurements are taken at Tel Hadya with a GGI-3000 pan, Wild evaporation scales and a Piche evaporimeter. All these instruments are located at the main meteorological station ("1" on the plan below). The evaporation pans at all other sites are standard class A pans.
- 2- Precipitation at Tel Hadya is measured at a number of points in addition to the main meteorological station. The positions of these precipitation stations and that of the main meteorological station are shown on the plan below. At the main meteorological station, rain is measured with a standard raingauge at one meter above the ground and with a GGI-3000 raingauge at ground level. Rainfall at the other locations is measured with plastic raingauges (102 mm diameter) at one meter above the ground.



ICARDA
RESEARCH STATION
TEL. HADYA



As indicated in the table page 69 ff.:

- 1- Rain Met. Stn.
- 2- Rain Blck. A South
- 3- Rain Blck. B
- 4- Rain Blck. C West
- 5- Rain Blck. C East
- 6- Rain Hilltop
- 7- Rain Farm Center

**Mean maximum and minimum air temperature (°C)
from 1978-79 to 1990-91 season at TEL HADYA**

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Mean
Maximum Temperature													
1978-79	m	(29.5)	(17.6)	(11.4)	12.4	15.8	17.5	24.5	29.7	33.9	35.9	37.0	(20.8)
1979-80	35.0	27.3	20.6	12.1	8.5	12.8	16.0	21.1	28.9	35.3	37.7	36.0	24.3
1980-81	32.0	28.0	20.6	13.9	11.7	14.1	18.6	22.6	26.7	34.4	37.4	36.6	24.7
1981-82	35.5	29.9	17.1	14.5	11.5	11.3	16.5	23.8	28.3	33.8	34.5	35.8	24.4
1982-83	34.6	27.1	15.9	11.2	8.4	11.2	16.8	21.8	28.6	32.9	35.4	35.0	23.2
1983-84	33.5	26.9	19.5	14.3	12.3	15.2	18.2	21.0	30.1	33.3	35.8	34.0	24.5
1984-85	34.6	28.0	15.6	10.7	11.3	9.6	16.9	24.0	30.9	34.0	36.4	39.8	24.3
1985-86	34.4	25.4	21.8	13.3	12.1	15.7	19.3	25.7	26.7	33.5	37.1	37.8	25.2
1986-87	35.8	27.7	17.8	13.3	12.7	15.9	14.0	22.4	29.8	33.8	38.1	37.4	24.9
1987-88	35.3	26.4	18.7	12.4	10.9	12.8	15.8	22.7	30.2	32.6	38.3	37.3	24.5
1988-89	34.8	25.5	15.6	12.3	11.9	15.2	20.1	30.8	31.8	33.8	38.0	36.7	25.5
1989-90	34.0	26.5	18.8	12.0	10.9	13.7	20.0	24.4	30.3	34.8	37.2	37.1	25.0
1990-91	34.0	29.4	22.1	15.3	11.2	13.3	18.1	23.8	27.9	35.3	35.3	36.6	25.2
Mean	34.4	27.3	18.6	12.9	11.2	13.5	17.5	23.7	29.2	33.9	36.7	36.7	24.6
Minimum Temperature													
1978-79	m	(13.4)	(16.8)	(12.2)	4.1	5.6	6.6	8.9	14.2	18.7	20.7	21.6	(12.9)
1979-80	18.7	14.0	9.7	4.1	1.8	3.4	6.4	8.8	12.0	18.0	22.7	22.3	11.8
1980-81	17.9	12.7	6.8	3.4	3.7	2.8	6.3	6.9	9.6	17.2	20.0	20.8	10.7
1981-82	16.4	12.2	5.2	5.2	2.4	-0.6	2.3	9.7	12.2	15.8	19.3	19.9	10.0
1982-83	17.1	11.9	3.5	0.8	-1.3	1.0	4.3	6.8	12.5	16.4	19.6	19.9	9.4
1983-84	16.2	9.9	8.7	3.0	3.5	1.7	5.4	6.7	12.8	17.5	19.9	19.8	10.4
1984-85	17.2	10.1	8.3	0.0	3.9	1.6	2.0	8.6	14.3	17.7	19.8	21.3	10.4
1985-86	17.1	9.7	7.7	2.2	3.2	4.2	4.9	8.7	11.0	17.6	21.0	21.5	10.7
1986-87	18.5	13.3	3.7	0.2	2.8	3.9	2.3	6.5	11.1	16.9	20.9	20.4	10.0
1987-88	16.8	11.4	5.1	5.3	2.1	4.0	5.1	8.0	12.4	17.3	21.4	21.8	10.9
1988-89	17.4	11.5	4.6	2.6	-2.3	-1.4	6.1	9.7	12.8	17.4	21.9	21.6	10.2
1989-90	17.3	11.3	6.9	3.3	-2.1	0.7	2.3	6.7	11.2	16.6	22.0	20.8	9.8
1990-91	16.9	12.8	7.2	2.6	0.9	1.6	6.3	8.2	12.1	17.1	21.1	21.8	10.7
Mean	17.2	11.7	6.4	2.7	1.7	2.1	4.6	8.0	12.1	17.2	20.7	21.0	10.5

**Total monthly precipitation (mm)
from 1978-79 to 1990-91 season at TEL HADYA**

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Precipitation													
1978-79	m	14.7	3.1	60.1	62.2	41.1	26.0	15.4	21.0	0.8	0.0	0.0	(244)
1979-80	0.0	63.9	82.0	71.3	53.4	41.5	68.1	59.3	10.4	0.0	0.0	0.0	450
1980-81	0.0	10.6	17.4	93.0	69.8	55.3	51.8	27.5	31.9	14.8	0.0	0.0	372
1981-82	0.0	4.6	69.4	55.6	56.6	45.5	28.4	51.9	23.6	2.0	0.0	0.0	338
1982-83	1.2	5.8	37.6	63.1	17.1	68.5	59.8	49.6	19.5	2.0	0.0	0.0	324
1983-84	2.2	6.4	71.5	18.6	49.3	11.8	31.1	38.8	0.0	0.0	0.0	0.0	230
1984-85	0.0	28.2	98.0	22.0	126.3	61.3	24.1	9.6	3.1	0.0	0.0	0.0	373
1985-86	0.0	23.1	15.0	53.6	71.9	75.8	25.5	22.6	28.4	0.5	0.0	0.0	316
1986-87	0.0	31.5	33.4	47.2	88.9	63.2	63.5	12.6	2.6	15.0	0.0	0.0	358
1987-88	1.4	71.0	45.7	74.4	84.7	97.4	92.6	29.4	2.6	4.4	0.0	0.6	504
1988-89	0.0	41.2	60.8	83.9	10.0	5.8	17.8	0.0	14.9	0.0	0.0	0.0	234
1989-90	0.0	10.2	78.5	34.9	30.4	50.5	8.6	13.9	6.3	0.1	0.0	0.0	233
1990-91	1.6	7.8	19.0	21.7	71.9	35.0	73.3	38.7	21.1	0.0	0.0	0.0	290
Mean	0.5	24.5	48.5	53.8	60.9	50.2	43.8	28.4	14.2	3.0	0.0	0.1	328

**FROST EVENTS AT TEL HADYA
FROM 1978-79 TO 1990-91 SEASON**

	Nov	Dec	Jan	Feb	Mar	Apr	Total
1978-1979 Season							
Number of frost days	(8)	(.)	2	3	2	.	(15)
Absolute Minimum	(-4.0)		-1.0	-1.0	0.0		(-4.0)
1979-1980 Season							
Number of frost days	.	5	8	5	1	.	19
Absolute Minimum		-8.0	-7.0	-5.0	-1.0		-8.0
1980-1981 Season							
Number of frost days	2	6	3	7	2	3	23
Absolute Minimum	-4.0	-3.6	-2.4	-3.0	-0.4	-2.5	-4.0
1981-1982 Season							
Number of frost days	4	.	11	17	7	.	39
Absolute Minimum	-4.2		-6.0	-7.8	-4.2		-7.8
1982-1983 Season							
Number of frost days	4	15	18	11	4	.	52
Absolute Minimum	-4.4	-6.4	-9.8	-3.6	-5.6		-9.8
1983-1984 Season							
Number of frost days	.	10	6	10	1	.	27
Absolute Minimum		-3.9	-2.4	-4.1	-0.5		-4.1
1984-1985 Season							
Number of frost days	1	16	3	10	12	.	42
Absolute Minimum	-1.1	-6.0	-0.8	-6.8	-9.5		-9.5
1985-1986 Season							
Number of frost days	.	7	7	1	2	.	17
Absolute Minimum		-6.4	-4.0	0.0	-1.1		-6.4
1986-1987 Season							
Number of frost days	7	17	7	.	8	.	39
Absolute Minimum	-2.3	-5.8	-2.1		-3.4		-5.8
1987-1988 Season							
Number of frost days	.	4	8	7	2	.	21
Absolute Minimum		-7.4	-2.2	-2.4	-2.8		-7.4
1988-1989 Season							
Number of frost days	4	5	23	18	2	.	52
Absolute Minimum	-6.6	-4.5	-9.7	-9.9	-1.1		-9.9
1989-1990 Season							
Number of frost days	3	7	20	15	8	1	54
Absolute Minimum	-0.8	-5.8	-8.7	-6.3	-8.9	-0.2	-8.9
1990-1991 Season							
Number of frost days	1	9	13	9	3	.	35
Absolute Minimum	-0.4	-5.5	-5.5	-6.4	-4.6		-6.4

TEL HADYA 1990/91
Air Temperature

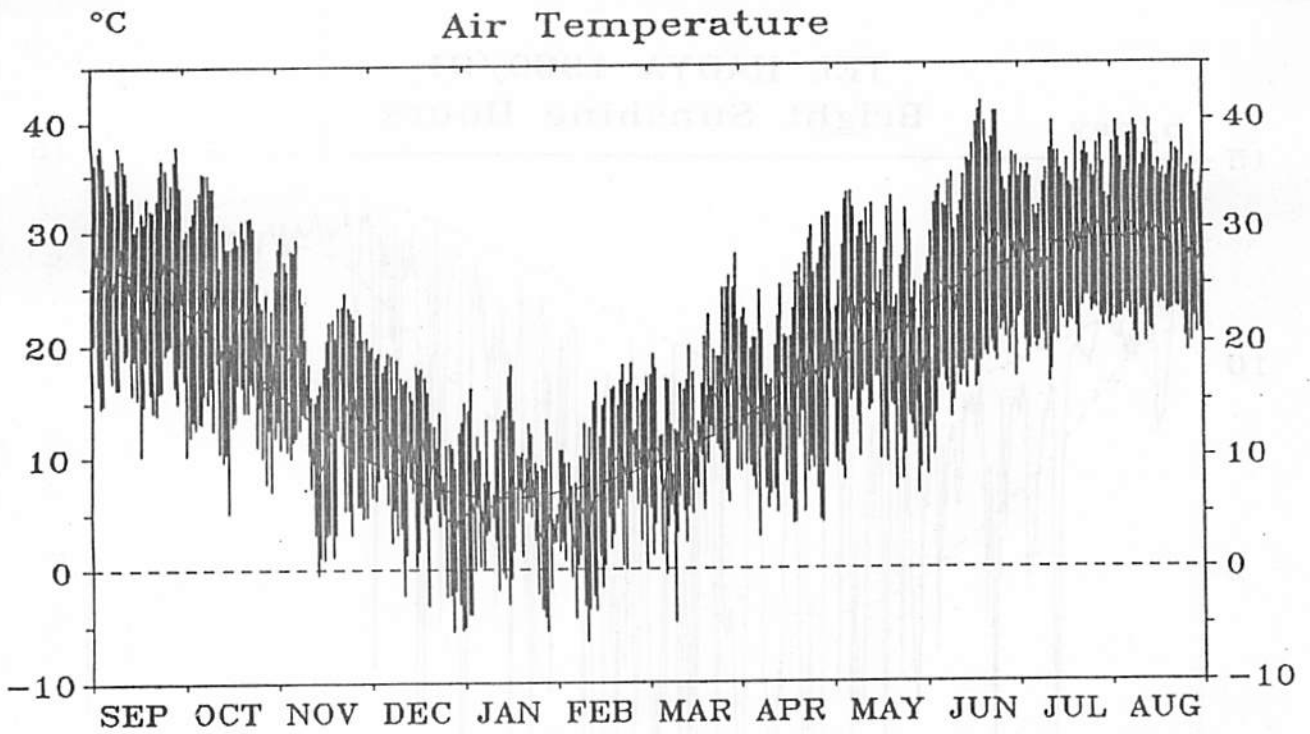


Figure 4: Daily maximum and minimum air temperature (vertical bars) and daily mean air temperature during 1990/91 (thin solid line) compared to the long term average (broken line).

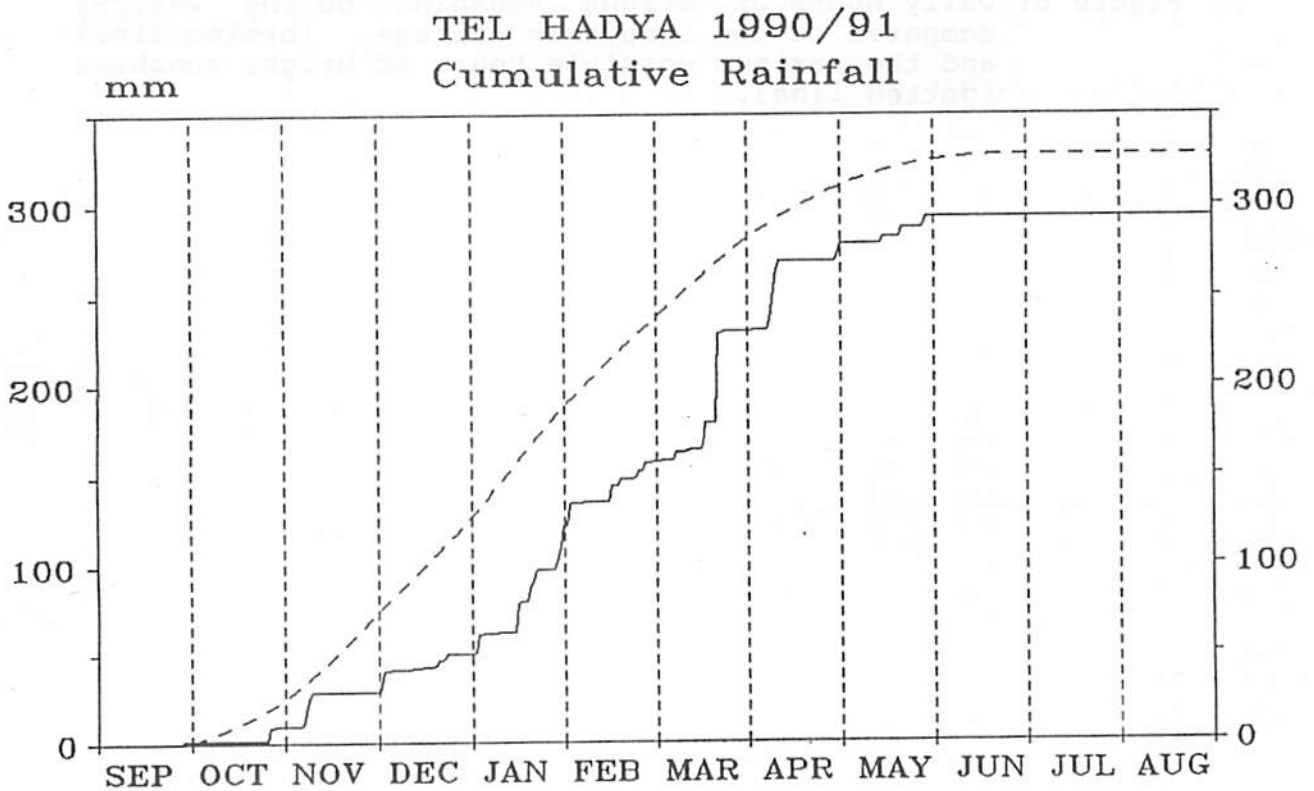


Figure 5: Cumulative daily rainfall 1990/91 compared to the long term average (broken line).

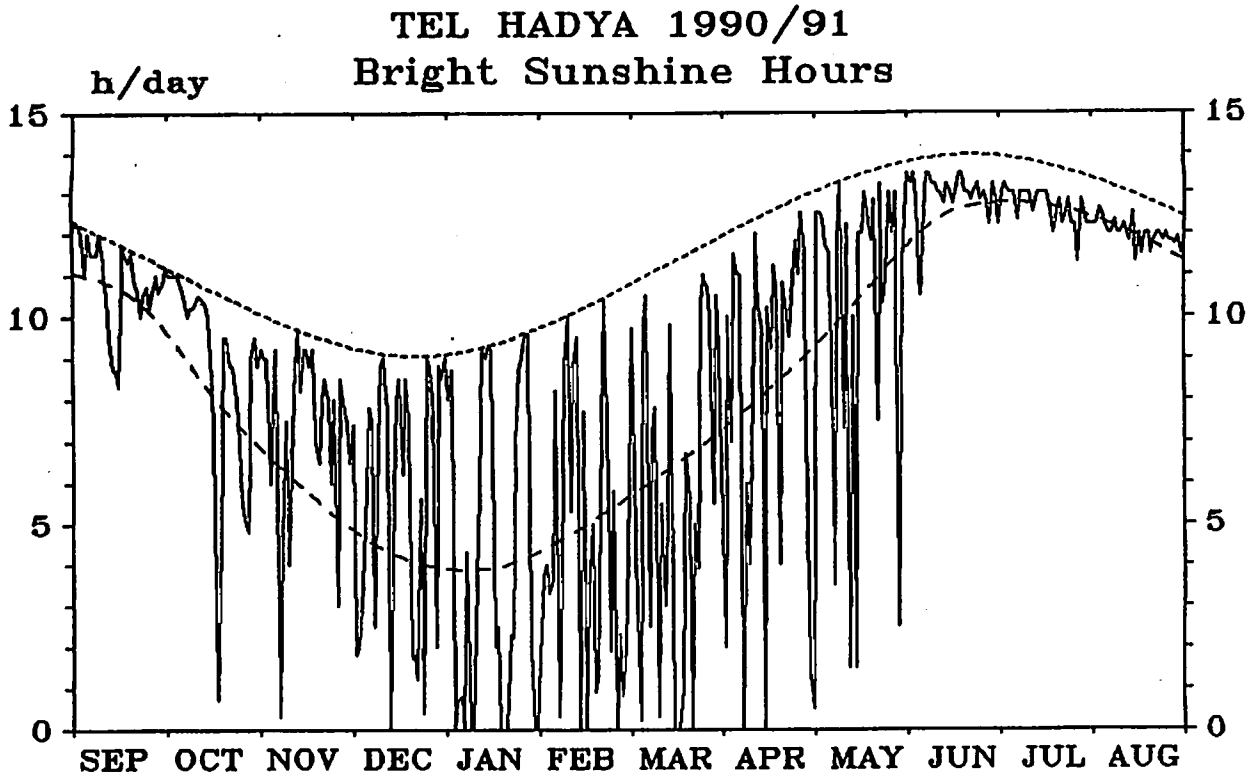


Figure 6: Daily hours of bright sunshine during 1990/91 compared to the long term average (broken line) and the maximum possible hours of bright sunshine (dotted line).

Tel Hadya 1990/91 Pan Evaporation

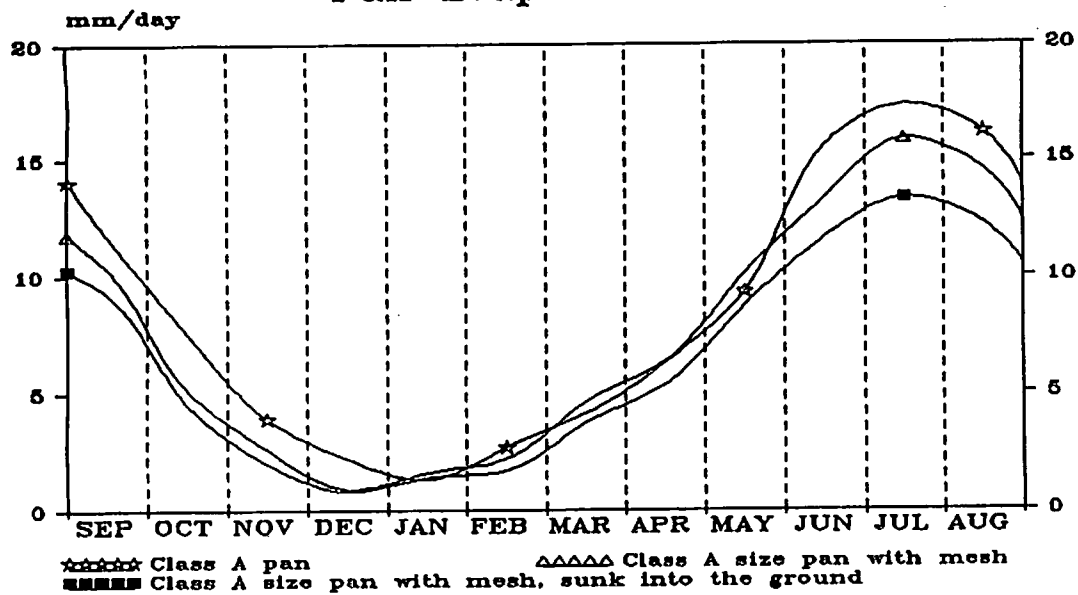


Figure 7: Comparison of evaporation pans.

Tel Hadya 1990/91 Various Evaporimeters

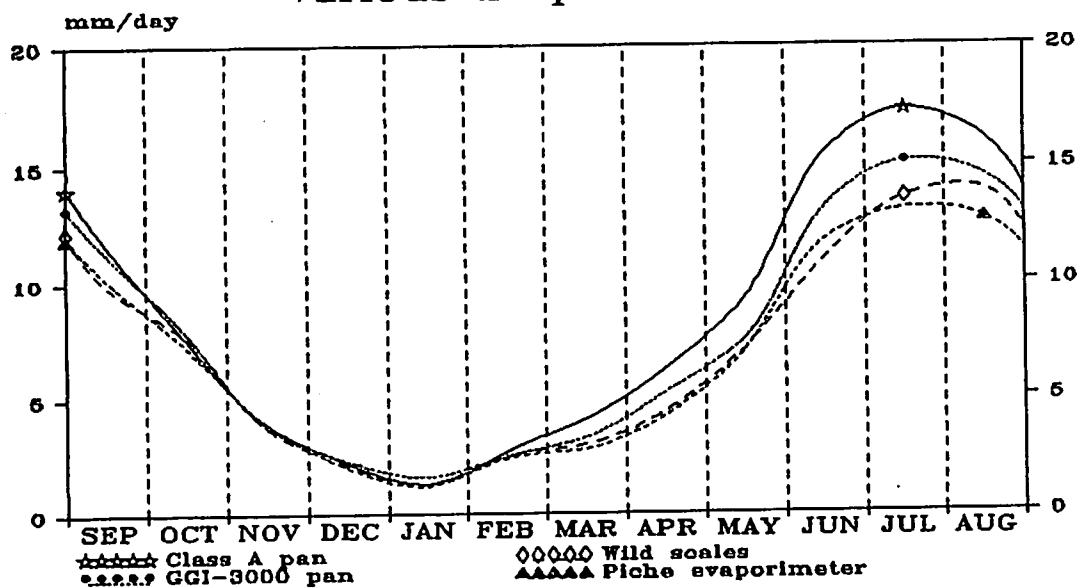


Figure 8: Comparison of various evaporimeters.

**TEL HADYA - MONTHLY SUMMARY OF AIR TEMPERATURE
SEASON 1990/91**

Month	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Max. Temp. +5cm °C	Min. Temp. +5cm °C	Mean Temp. +5cm °C	Min. Temp. ±0cm °C
September							
Mean	34.0	16.9	25.5	35.2	16.1	25.6	(14.1)
Abs.Max.	37.8	21.1	28.8	39.5	20.7	29.1	(20.0)
Abs.Min.	29.4	10.3	21.0	29.7	9.2	20.6	(8.7)
October							
Mean	29.4	12.8	21.1	31.6	11.9	21.7	10.1
Abs.Max.	35.1	18.5	25.3	37.8	17.4	26.1	15.5
Abs.Min.	20.2	5.1	15.1	22.4	3.8	16.1	1.5
November							
Mean	22.1	7.2	14.7	24.2	6.0	15.1	(4.5)
Abs.Max.	29.4	14.0	20.5	32.2	13.5	21.4	(11.8)
Abs.Min.	15.0	-0.4	8.0	17.0	-1.6	7.8	(-4.2)
December							
Mean	15.3	2.6	9.0	17.0	(1.5)	(9.3)	0.4
Abs.Max.	19.8	9.1	13.6	22.4	(9.3)	(14.2)	8.5
Abs.Min.	7.8	-5.5	2.7	9.6	(-7.1)	(2.1)	-8.7
January							
Mean	11.2	0.9	6.1	12.3	(-0.1)	(6.2)	-1.0
Abs.Max.	18.2	7.0	9.5	18.6	(6.1)	(9.6)	5.5
Abs.Min.	4.1	-5.5	2.4	4.4	(-8.0)	(2.5)	-9.5
February							
Mean	13.3	1.6	7.5	14.6	0.2	7.5	-0.8
Abs.Max.	18.3	9.1	12.6	19.8	7.2	12.8	6.5
Abs.Min.	6.1	-6.4	1.7	7.6	-8.5	1.2	-9.5
March							
Mean	18.1	6.3	12.2	20.1	5.1	12.7	4.4
Abs.Max.	27.8	12.8	19.7	28.2	12.2	19.2	11.6
Abs.Min.	11.4	-4.6	3.9	11.9	-6.6	4.3	-6.8
April							
Mean	23.8	8.2	16.0	25.2	7.0	16.1	6.5
Abs.Max.	31.3	16.8	24.1	32.3	15.7	24.0	15.0
Abs.Min.	16.3	2.9	10.9	19.1	2.4	11.9	0.3
May							
Mean	27.9	12.1	20.0	30.4	(10.9)	(20.6)	10.1
Abs.Max.	33.3	17.0	24.2	36.0	(16.6)	(25.5)	16.4
Abs.Min.	18.2	6.7	13.9	20.8	(4.0)	(14.9)	3.7
June							
Mean	35.3	17.1	26.2	38.6	15.7	26.6	(15.3)
Abs.Max.	41.5	21.6	30.0	45.2	20.9	30.9	(20.2)
Abs.Min.	27.2	8.4	17.8	30.1	7.0	12.3	(7.4)
July							
Mean	35.3	21.1	28.3	38.3	(20.1)	(29.2)	19.5
Abs.Max.	39.7	24.0	30.8	42.5	(23.0)	(31.8)	22.7
Abs.Min.	31.0	16.6	25.3	34.0	(14.9)	(26.5)	14.0
August							
Mean	36.6	21.8	29.3	39.6	(20.8)	30.2	20.2
Abs.Max.	39.8	24.1	30.9	42.5	(23.3)	32.3	22.5
Abs.Min.	32.9	17.0	25.3	36.1	(16.5)	27.0	16.0
Season							
Mean	25.2	10.8	18.0	27.3	(9.6)	(18.5)	(8.6)
Abs.Max.	41.5	24.1	30.9	45.2	(23.3)	(32.3)	(22.7)
Abs.Min.	4.1	-6.4	1.7	4.4	(-8.5)	(1.2)	(-9.5)

**TEL HADYA - MONTHLY SUMMARY OF SOIL TEMPERATURE
SEASON 1990/91**

Month	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
September									
Mean	38.7	25.3	32.0	33.7	26.1	30.0	30.3	27.3	28.8
Abs.Max.	42.0	28.0	34.3	39.3	28.2	33.6	34.0	29.3	30.7
Abs.Min.	32.4	22.0	28.4	31.0	23.4	27.7	28.0	25.3	27.0
October									
Mean	31.5	19.9	25.7	27.5	21.0	24.2	25.0	22.6	23.8
Abs.Max.	36.9	23.3	29.5	32.3	23.5	27.4	29.0	25.0	26.6
Abs.Min.	25.0	14.1	20.1	22.0	16.2	19.6	20.3	18.0	19.7
November									
Mean	20.2	12.4	16.3	18.6	14.0	16.4	17.9	16.2	17.1
Abs.Max.	27.0	21.1	22.0	23.2	18.3	22.3	22.2	20.4	21.2
Abs.Min.	16.0	6.2	11.4	14.0	8.8	11.4	14.0	12.5	13.3
December									
Mean	14.1	7.9	11.0	13.2	9.5	11.4	13.4	12.0	12.7
Abs.Max.	18.1	11.8	14.4	17.3	14.0	15.6	17.0	15.6	16.0
Abs.Min.	8.6	2.8	6.0	8.7	5.3	7.2	9.8	8.5	9.2
January									
Mean	10.8	6.0	8.4	9.9	6.9	8.4	10.3	9.0	9.7
Abs.Max.	13.0	9.3	10.7	12.1	9.4	10.2	12.3	10.9	11.2
Abs.Min.	6.8	2.9	6.2	6.7	5.0	6.4	7.8	7.4	7.7
February									
Mean	11.8	6.4	9.1	10.5	7.3	8.9	10.1	8.8	9.5
Abs.Max.	17.0	10.3	13.3	14.9	10.9	12.2	13.1	11.7	12.2
Abs.Min.	8.0	3.3	5.7	7.7	5.1	6.6	8.0	6.8	7.4
March									
Mean	17.0	10.2	13.6	15.3	11.2	13.2	14.3	12.7	13.5
Abs.Max.	25.0	15.1	20.0	21.9	16.2	19.0	19.2	17.2	18.1
Abs.Min.	10.8	4.3	8.7	11.0	7.0	8.9	11.3	10.0	10.8
April									
Mean	23.5	13.9	18.7	20.9	15.5	18.2	19.0	16.8	17.9
Abs.Max.	28.9	19.5	23.4	25.0	20.5	22.5	22.1	20.6	21.2
Abs.Min.	16.8	9.9	13.4	15.0	11.0	13.0	14.6	12.9	13.8
May									
Mean	29.4	17.2	23.3	25.8	18.5	22.2	22.9	20.3	21.6
Abs.Max.	34.6	19.9	27.0	30.0	21.0	25.4	25.8	22.5	23.9
Abs.Min.	20.2	13.0	19.0	19.9	15.0	18.2	18.8	16.5	17.7
June									
Mean	38.5	23.8	30.9	33.2	24.7	29.1	28.6	25.5	27.1
Abs.Max.	43.9	27.5	35.7	36.5	27.3	33.6	31.3	28.2	29.8
Abs.Min.	31.3	15.9	23.6	26.0	16.8	21.4	22.5	19.0	20.8
July									
Mean	39.3	26.2	32.7	34.8	27.0	30.9	30.4	27.7	29.0
Abs.Max.	43.0	28.0	34.7	38.0	28.7	32.9	35.5	29.8	31.8
Abs.Min.	36.7	24.0	27.1	32.3	26.0	29.1	28.5	26.4	27.7
August									
Mean	40.1	26.8	33.3	35.2	27.4	31.3	30.9	28.1	29.9
Abs.Max.	43.6	28.0	35.4	37.5	29.1	33.0	35.0	30.0	39.2
Abs.Min.	38.0	24.8	28.9	33.7	25.8	29.9	28.5	26.8	27.8
Season									
Mean	26.3	16.4	21.3	23.3	17.5	20.4	21.1	19.0	20.1
Abs.Max.	43.9	28.0	35.7	39.3	29.1	33.6	35.5	30.0	39.2
Abs.Min.	6.8	2.8	5.7	6.7	5.0	6.4	7.8	6.8	7.4

**TEL HADYA - MONTHLY SUMMARY OF EVAPORATION
SEASON 1990/91**

Month	Evap. Pan Class A mm	Evap. GGI- 3000 mm	Evap. Pan A (Mesh) mm	Evap. A-size Sunk+M mm	Evap. Wild Scales mm	Evap. Piche mm
September						
Mean	11.7	11.3	10.3	8.8	9.9	10.2
Abs.Max.	16.2	15.3	14.0	11.8	13.6	13.9
Abs.Min.	7.5	7.0	7.0	6.1	6.8	6.4
October						
Mean	7.5	7.8	6.9	5.6	7.6	7.2
Abs.Max.	11.0	12.2	10.2	8.3	14.2	11.4
Abs.Min.	2.3	2.4	1.8	1.7	1.0	0.5
November						
Mean	3.9	3.8	3.4	2.8	3.7	3.9
Abs.Max.	6.1	6.2	5.9	4.9	6.6	7.8
Abs.Min.	1.8	1.6	1.6	1.1	1.9	2.2
December						
Mean	2.2	2.3	1.9	1.5	2.1	2.0
Abs.Max.	4.6	4.3	3.9	3.3	5.4	4.9
Abs.Min.	0.8	0.4	0.7	0.5	0.2	0.2
January						
Mean	1.3	1.6	1.2	1.0	1.3	(1.2)
Abs.Max.	3.5	3.7	2.6	2.3	3.9	(3.0)
Abs.Min.	0.0	0.2	0.1	0.1	0.0	(0.0)
February						
Mean	2.7	2.5	2.4	1.8	2.5	2.4
Abs.Max.	6.7	6.3	6.3	4.1	8.4	5.4
Abs.Min.	1.4	0.4	1.1	0.5	0.7	0.7
March						
Mean	4.1	3.3	3.5	2.7	3.0	2.8
Abs.Max.	8.4	7.8	7.3	5.9	6.4	7.6
Abs.Min.	0.9	0.8	0.6	0.6	0.6	0.5
April						
Mean	6.2	5.2	5.3	4.4	4.4	4.2
Abs.Max.	9.5	8.0	8.3	7.1	7.8	6.8
Abs.Min.	1.7	2.6	2.1	0.3	1.3	0.8
May						
Mean	9.3	7.5	8.0	6.7	7.1	7.0
Abs.Max.	14.4	11.8	12.5	10.0	15.5	11.0
Abs.Min.	2.5	3.7	2.3	2.1	1.9	1.7
June						
Mean	15.5	13.2	13.2	11.3	11.0	11.8
Abs.Max.	19.0	16.7	16.7	14.5	15.0	20.3
Abs.Min.	10.8	9.3	9.3	8.2	6.6	7.0
July						
Mean	17.3	15.1	14.9	12.6	13.6	13.1
Abs.Max.	20.5	18.0	17.7	14.4	18.6	17.3
Abs.Min.	12.4	6.8	11.6	10.9	8.2	7.7
August						
Mean	16.1	14.5	14.5	12.0	13.9	12.7
Abs.Max.	19.5	17.9	18.0	15.0	19.0	15.8
Abs.Min.	12.6	11.6	11.2	9.4	10.2	8.8
Season						
Mean	8.2	7.3	7.2	6.0	6.7	(6.6)
Abs.Max.	20.5	18.0	18.0	15.0	19.0	(20.3)
Abs.Min.	0.0	0.2	0.1	0.1	0.0	(0.0)

**TEL HADYA - MONTHLY SUMMARY OF REL.HUMIDITY AND SOLAR RADIATION
SEASON 1990/91**

Month	Global Solar Rad. MJ/m ²	Sunsh. Durat. h/d	Sunsh. Ratio %	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %
September						
Mean	21.4	10.8	87.1	72.6	25.4	49.0
Abs.Max.	24.4	12.1	93.0	88.0	34.0	60.3
Abs.Min.	18.9	8.2	68.0	44.0	15.5	30.8
October						
Mean	15.4	8.6	77.3	61.2	26.1	43.7
Abs.Max.	20.0	11.0	96.0	90.0	40.2	64.5
Abs.Min.	7.2	0.4	6.0	26.0	18.0	23.0
November						
Mean	11.1	7.3	72.6	76.7	30.2	53.5
Abs.Max.	14.5	9.4	94.0	94.0	45.5	66.0
Abs.Min.	5.6	0.2	3.0	47.0	19.0	33.0
December						
Mean	9.0	5.6	60.2	91.3	44.4	67.9
Abs.Max.	11.7	9.0	96.0	100.0	80.0	90.0
Abs.Min.	4.5	0.0	0.0	60.0	23.0	48.5
January						
Mean	8.0	3.9	40.6	98.1	64.0	81.1
Abs.Max.	13.5	9.4	95.0	100.0	97.0	98.0
Abs.Min.	2.2	0.0	0.0	92.0	30.0	64.0
February						
Mean	10.8	4.3	41.6	91.6	49.6	69.8
Abs.Max.	17.4	10.3	96.0	100.0	94.0	88.0
Abs.Min.	3.0	0.0	0.0	66.0	24.0	46.5
March						
Mean	14.6	5.5	47.3	95.5	49.1	72.3
Abs.Max.	22.4	11.0	91.0	100.0	85.0	88.0
Abs.Min.	4.1	0.0	0.0	74.0	18.0	49.8
April						
Mean	20.9	8.1	60.8	92.2	38.9	65.6
Abs.Max.	28.0	12.3	94.0	99.0	69.0	83.5
Abs.Min.	7.5	0.0	0.0	70.0	15.0	50.5
May						
Mean	24.7	9.9	72.5	92.3	34.5	63.5
Abs.Max.	30.1	13.1	95.0	100.0	63.0	78.5
Abs.Min.	7.7	0.3	4.0	48.0	22.5	37.3
June						
Mean	28.8	12.8	89.5	71.0	25.4	48.2
Abs.Max.	29.8	13.3	94.0	99.2	35.0	66.7
Abs.Min.	26.6	10.3	73.0	48.0	16.0	32.0
July						
Mean	28.0	12.5	89.2	69.8	27.6	48.7
Abs.Max.	29.8	13.1	92.0	79.0	37.5	56.3
Abs.Min.	25.2	11.2	81.0	36.0	16.5	27.0
August						
Mean	25.0	11.8	(89.1)	82.0	31.3	56.9
Abs.Max.	27.1	12.4	(93.0)	93.0	44.0	67.1
Abs.Min.	23.3	11.2	(85.0)	59.0	21.7	42.4
Season						
Mean	18.2	8.4	(68.3)	82.8	37.2	60.0
Abs.Max.	30.1	13.3	(96.0)	100.0	97.0	98.0
Abs.Min.	2.2	0.0	(0.0)	26.0	15.0	23.0

**TEL HADYA - MONTHLY SUMMARY OF WIND AND AIR PRESSURE
SEASON 1990/91**

Month	Wind Run 2m km/d	Mean Wind Vel.10m km/d	Max. Wind Vel.10m km/d	Atmos. Press. Stn. hPa	Atmos. Press. Sealvl. hPa
September					
Mean	299.7	14.9	40.8	972	1005
Abs.Max.	501.8	24.9	72.4	977	1011
Abs.Min.	78.8	3.4	19.3	966	1000
October					
Mean	194.0	(11.7)	(32.2)	976	1009
Abs.Max.	369.9	(24.0)	(51.5)	981	1015
Abs.Min.	56.3	(4.8)	(15.8)	972	1005
November					
Mean	171.2	10.5	26.5	979	1013
Abs.Max.	353.8	26.4	62.7	987	1022
Abs.Min.	41.8	4.6	8.6	970	1004
December					
Mean	161.4	m	m	980	1015
Abs.Max.	369.9	m	m	984	1020
Abs.Min.	56.3	m	m	975	1010
January					
Mean	161.9	m	m	980	1015
Abs.Max.	392.4	m	m	986	1022
Abs.Min.	37.0	m	m	969	1004
February					
Mean	216.8	m	m	980	1015
Abs.Max.	540.4	m	m	986	1022
Abs.Min.	74.0	m	m	970	1005
March					
Mean	236.4	m	m	976	(1010)
Abs.Max.	522.7	m	m	981	(1016)
Abs.Min.	102.9	m	m	957	(992)
April					
Mean	209.8	m	m	974	1008
Abs.Max.	345.8	m	m	979	1013
Abs.Min.	85.2	m	m	967	1001
May					
Mean	273.3	m	m	974	1008
Abs.Max.	599.9	m	m	979	1013
Abs.Min.	102.9	m	m	967	1001
June					
Mean	367.4	m	m	970	1003
Abs.Max.	599.9	m	m	975	1009
Abs.Min.	143.0	m	m	964	997
July					
Mean	573.7	m	m	967	1000
Abs.Max.	801.0	m	m	970	1003
Abs.Min.	242.9	m	m	963	996
August					
Mean	557.1	m	m	967	1000
Abs.Max.	825.1	m	m	970	1003
Abs.Min.	234.8	m	m	964	997
Season					
Mean	286.0	(12.4)	(33.2)	974	(1008)
Abs.Max.	825.1	(26.4)	(72.4)	987	(1022)
Abs.Min.	37.0	(3.4)	(8.6)	957	(992)

**TEL HADYA - WEEKLY SUMMARY OF AIR TEMPERATURE
SEASON 1990/91**

Week Starting §=8 days	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Max. Temp. +5cm °C	Min. Temp. +5cm °C	Mean Temp. +5cm °C	Min. Temp. ±0cm °C
27-Aug	37.3	19.6	28.4	38.3	18.4	28.3	16.7
3-Sep	35.3	16.7	26.0	36.7	16.2	26.5	13.9
10-Sep	32.8	17.0	24.9	34.0	15.9	25.0	14.2
17-Sep	33.0	15.6	24.3	34.1	14.9	24.5	13.2
24-Sep	34.2	17.9	26.1	35.2	17.4	26.3	(15.5)
1-Oct	32.7	12.9	22.8	33.4	12.1	22.8	10.4
8-Oct	31.2	13.3	22.3	34.2	12.1	23.2	10.3
15-Oct	29.5	13.2	21.4	31.6	12.3	22.0	10.3
22-Oct	25.5	12.6	19.1	28.4	11.7	20.1	10.1
29-Oct	27.0	10.8	18.9	29.6	9.6	19.6	7.9
5-Nov	22.8	11.6	17.2	24.9	10.6	17.7	8.7
12-Nov	18.5	1.8	10.2	20.3	0.8	10.6	-0.8
19-Nov	22.8	7.1	15.0	24.7	5.9	15.4	(4.2)
26-Nov	20.3	6.1	13.3	22.4	(4.8)	(13.8)	3.5
3-Dec	18.2	6.0	12.1	20.4	5.3	12.9	4.7
10-Dec	16.7	2.8	9.8	17.9	1.9	9.8	0.0
17-Dec	14.5	3.9	9.2	17.0	3.3	10.2	2.3
24-Dec§	11.3	-2.6	4.4	12.2	-4.3	4.2	-5.3
1-Jan	11.9	0.2	6.1	13.3	-0.4	6.5	-1.3
8-Jan	12.1	0.7	6.4	13.3	-0.1	6.6	-0.8
15-Jan	12.1	3.5	7.9	13.2	2.2	7.7	1.2
22-Jan	10.5	-1.4	4.6	11.6	(-3.0)	(4.5)	-3.5
29-Jan	8.1	1.9	5.0	9.1	0.7	4.9	-0.4
5-Feb	10.6	-2.6	4.0	11.6	-4.3	3.7	-5.2
12-Feb	14.5	0.9	7.7	15.8	-0.4	7.7	-1.6
19-Feb	16.2	5.0	10.6	17.4	3.6	10.5	2.7
26-Feb	16.9	3.6	10.2	19.4	2.9	11.2	1.9
5-Mar	13.6	2.6	8.1	15.6	1.4	8.6	0.3
12-Mar	15.9	5.7	10.9	18.2	4.3	11.3	3.4
19-Mar	19.0	10.2	14.6	21.3	9.6	15.4	9.0
26-Mar	24.6	9.0	16.8	25.6	7.6	16.6	7.2
2-Apr	21.5	8.6	15.1	23.4	7.1	15.3	5.9
9-Apr	19.7	7.8	13.8	21.5	6.6	14.1	6.1
16-Apr	24.2	7.6	15.9	25.0	6.8	15.9	6.7
23-Apr	29.0	7.5	18.2	29.9	6.2	18.0	5.9
30-Apr	27.4	11.4	19.4	29.2	10.1	19.7	9.6
7-May	30.8	14.3	22.6	33.2	13.4	23.3	12.6
14-May	29.2	13.6	21.4	32.1	(12.2)	(21.8)	10.9
21-May	26.6	11.1	18.9	29.3	9.7	19.5	9.1
28-May	26.5	10.1	18.3	29.2	9.2	19.2	(8.3)
4-Jun	32.8	15.6	24.2	36.3	14.2	25.3	13.9
11-Jun	35.4	17.2	26.3	38.6	15.8	24.8	14.9
18-Jun	39.9	18.7	29.3	43.3	17.2	30.3	16.4
25-Jun	35.3	20.3	27.8	38.6	19.3	29.0	18.8
2-Jul	33.7	20.0	26.9	36.7	19.0	27.9	18.3
9-Jul	36.5	19.7	28.1	38.9	18.6	28.8	17.6
16-Jul	35.4	21.6	28.5	38.4	20.7	29.5	20.3
23-Jul	36.6	22.9	29.8	40.1	21.8	31.0	21.5
30-Jul	36.1	22.1	29.1	39.1	(20.6)	(30.1)	20.4
6-Aug	38.0	21.7	29.9	40.9	20.6	30.7	20.1
13-Aug	36.2	22.7	29.5	39.3	(22.3)	30.5	21.3
20-Aug	36.7	22.0	29.4	39.6	21.0	30.3	20.5
27-Aug	34.0	19.7	26.8	37.1	18.6	27.9	(18.4)

**TEL HADYA - WEEKLY SUMMARY OF SOIL TEMPERATURE
SEASON 1990/91**

Week Starting §=8 days	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
27-Aug	41.8	27.8	34.8	36.3	28.7	32.5	32.6	29.6	31.1
3-Sep	40.6	26.3	33.5	35.4	27.0	31.2	31.0	28.2	29.6
10-Sep	38.3	25.5	31.9	32.8	26.0	29.4	31.0	27.2	29.1
17-Sep	38.0	24.2	31.1	33.1	24.8	29.0	29.1	26.2	27.7
24-Sep	37.0	24.7	30.9	33.0	26.3	29.8	29.5	27.1	28.4
1-Oct	35.6	20.8	28.3	30.9	22.4	26.6	27.5	24.2	25.9
8-Oct	33.8	20.9	27.4	29.0	21.7	25.4	26.2	23.6	24.9
15-Oct	30.7	20.1	25.4	26.9	21.1	24.0	24.7	22.8	23.9
22-Oct	28.4	19.5	24.0	25.1	20.3	22.8	23.0	21.5	22.3
29-Oct	26.0	16.4	21.2	22.8	17.4	20.4	21.4	19.3	20.3
5-Nov	22.1	16.4	19.3	20.4	16.8	18.6	19.6	18.3	19.0
12-Nov	17.5	7.7	12.7	15.7	9.8	12.8	15.5	13.3	14.3
19-Nov	19.1	11.5	15.3	18.1	13.6	15.9	17.4	15.7	16.5
26-Nov	17.8	11.3	14.6	17.3	13.9	15.6	16.7	15.2	16.0
3-Dec	16.4	9.7	13.0	15.0	10.9	13.0	15.3	13.9	14.6
10-Dec	15.0	7.7	11.3	13.9	9.7	11.8	13.7	12.3	13.0
17-Dec	14.6	8.8	11.8	13.6	10.3	12.0	13.6	12.0	12.8
24-Dec§	10.2	4.7	7.5	9.9	6.4	8.1	10.5	9.3	9.9
1-Jan	11.3	5.7	8.5	10.3	6.8	8.5	9.6	8.1	8.9
8-Jan	11.6	6.2	8.9	10.7	7.3	9.0	11.6	10.1	10.9
15-Jan	11.1	7.5	9.3	10.4	7.9	9.2	11.0	10.1	10.6
22-Jan	10.6	4.7	7.7	9.3	6.0	7.7	9.8	8.3	9.1
29-Jan	8.4	5.4	6.9	8.0	6.2	7.1	8.7	8.0	8.4
5-Feb	10.7	4.4	7.6	9.5	5.9	7.7	9.3	8.2	8.8
12-Feb	11.5	5.8	8.7	10.1	6.6	8.3	9.3	7.8	8.6
19-Feb	14.6	8.9	11.7	12.6	9.4	11.0	11.8	10.2	11.1
26-Feb	14.7	8.2	11.5	13.1	9.2	11.2	12.4	10.7	11.6
5-Mar	12.9	7.7	10.3	12.3	9.1	10.6	12.2	11.3	11.8
12-Mar	14.1	8.9	11.5	12.7	9.7	11.2	12.5	11.2	11.9
19-Mar	18.6	11.9	15.3	16.6	12.2	14.4	14.8	13.1	14.0
26-Mar	23.8	14.1	19.0	21.1	15.5	18.0	18.7	16.5	17.6
2-Apr	21.3	14.0	17.7	19.7	15.4	17.6	18.1	16.5	17.4
9-Apr	19.9	11.4	15.7	17.8	13.0	15.4	16.6	14.4	15.6
16-Apr	24.7	13.9	19.3	21.5	15.5	18.5	19.4	16.8	18.1
23-Apr	27.5	15.7	21.6	24.0	17.5	20.8	21.5	18.8	20.2
30-Apr	28.3	16.6	22.5	25.0	18.1	21.6	21.4	18.8	20.1
7-May	30.2	17.9	24.1	26.5	18.5	22.6	24.1	21.7	22.9
14-May	29.3	17.4	23.4	26.2	19.1	22.6	23.5	20.7	22.1
21-May	30.3	17.3	23.9	26.4	19.1	22.8	23.3	20.6	22.0
28-May	30.0	17.4	23.7	25.9	17.9	21.9	22.8	19.7	21.2
4-Jun	35.6	22.1	28.9	31.5	23.8	27.7	26.9	24.2	25.6
11-Jun	39.1	24.0	30.8	33.6	25.2	29.9	28.9	25.8	27.4
18-Jun	41.7	25.8	33.3	35.4	26.4	30.9	30.4	27.3	28.9
25-Jun	39.9	26.0	33.0	34.5	26.4	30.5	30.4	27.4	28.9
2-Jul	38.5	25.4	31.3	34.4	26.5	30.5	30.3	27.6	29.0
9-Jul	40.1	25.4	32.8	35.3	26.8	31.1	30.1	27.4	28.8
16-Jul	39.7	26.6	33.2	35.2	27.5	31.4	30.4	28.0	29.2
23-Jul	39.7	27.3	33.6	34.8	27.4	30.9	31.0	28.0	29.5
30-Jul	39.0	26.4	32.8	34.1	26.7	30.4	29.7	27.4	28.6
6-Aug	40.8	26.9	33.9	36.6	28.1	32.4	32.0	29.1	30.6
13-Aug	40.2	27.5	33.9	35.1	27.8	31.5	30.7	28.4	29.6
20-Aug	40.2	27.0	33.6	35.0	27.2	31.0	31.5	28.0	31.2
27-Aug	39.0	25.5	31.7	34.4	26.1	30.6	29.8	27.0	28.5

**TEL HADYA - WEEKLY SUMMARY OF EVAPORATION
SEASON 1990/91**

Week Starting §=8 days	Evap. Pan Class A mm	Evap. GGI- 3000 mm	Evap. Pan A (Mesh) mm	Evap. A-size Sunk+M mm	Evap. Wild Scales mm	Evap. Piche mm
27-Aug	15.5	14.3	13.9	12.0	13.1	12.7
3-Sep	13.2	12.4	11.5	9.3	10.6	10.8
10-Sep	11.5	11.7	10.4	9.1	9.9	10.0
17-Sep	10.1	10.2	9.1	7.9	9.0	9.0
24-Sep	10.7	10.5	9.4	8.0	9.6	10.3
1-Oct	7.8	7.8	7.4	6.2	7.6	7.6
8-Oct	9.2	10.1	8.6	7.1	8.8	9.5
15-Oct	8.9	8.7	8.0	6.4	10.6	8.8
22-Oct	5.6	5.8	4.8	3.8	4.6	4.5
29-Oct	5.0	4.9	4.4	3.8	4.6	4.1
5-Nov	3.8	3.8	3.4	3.1	3.5	3.7
12-Nov	3.6	3.7	3.0	2.5	3.0	3.9
19-Nov	4.0	3.6	3.4	2.5	4.0	4.2
26-Nov	3.4	3.3	2.9	2.3	3.6	3.5
3-Dec	2.3	1.9	1.9	1.5	1.6	1.6
10-Dec	2.6	2.8	2.3	1.8	2.8	2.6
17-Dec	1.8	1.8	1.6	1.1	1.7	1.5
24-Dec§	1.8	2.2	1.6	1.3	1.8	1.9
1-Jan	0.8	1.0	0.6	0.6	0.9	0.8
8-Jan	1.7	2.1	1.4	1.2	1.7	1.4
15-Jan	1.2	1.0	1.1	0.9	1.2	0.9
22-Jan	1.9	2.1	1.8	1.3	1.6	(2.0)
29-Jan	1.5	1.6	1.5	1.1	1.6	1.3
5-Feb	2.1	2.1	1.9	1.5	1.9	2.2
12-Feb	2.8	2.8	2.3	1.6	2.7	2.5
19-Feb	3.9	3.4	3.4	2.6	3.7	3.1
26-Feb	2.9	2.1	2.5	1.9	1.9	1.9
5-Mar	4.4	4.3	3.9	3.1	4.1	3.9
12-Mar	3.3	2.7	2.9	2.3	2.8	2.6
19-Mar	3.7	2.7	3.1	2.3	2.1	1.6
26-Mar	5.4	3.8	4.7	3.3	3.3	3.2
2-Apr	6.1	5.2	5.2	4.5	4.3	3.9
9-Apr	5.1	4.8	4.1	3.0	2.9	2.8
16-Apr	6.7	4.8	5.7	4.8	4.8	4.4
23-Apr	7.8	6.4	7.1	6.0	5.8	5.9
30-Apr	7.2	5.9	6.1	5.4	5.3	5.9
7-May	10.4	7.9	8.9	7.4	8.1	8.3
14-May	10.0	8.1	9.1	7.5	7.6	7.4
21-May	9.4	7.8	8.1	6.6	8.2	7.3
28-May	9.8	8.7	8.0	7.1	6.2	6.9
4-Jun	15.2	12.6	13.1	11.1	11.1	12.3
11-Jun	15.0	12.2	12.7	10.7	10.1	11.4
18-Jun	17.0	14.2	14.6	12.4	12.8	13.4
25-Jun	16.4	15.0	14.1	11.9	11.7	11.3
2-Jul	16.6	14.8	14.5	12.3	12.3	11.8
9-Jul	18.1	14.8	15.3	13.2	14.3	15.0
16-Jul	16.4	14.5	14.1	12.3	13.1	12.0
23-Jul	18.3	16.4	15.9	12.7	14.9	14.2
30-Jul	17.9	15.2	16.2	13.4	14.7	13.3
6-Aug	15.6	14.1	14.2	11.7	14.0	12.4
13-Aug	16.4	14.7	14.9	11.9	14.0	12.3
20-Aug	15.6	14.0	13.8	11.7	13.5	12.9
27-Aug	14.3	13.8	12.7	10.9	11.9	11.2

**TEL HADYA - WEEKLY SUMMARY OF REL. HUMIDITY AND SOLAR RADIATION
SEASON 1990/91**

Week Starting §=8 days	Global Solar Rad. MJ/m ²	Sunsh. Durat. h/d	Sunsh. Ratio %	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %
27-Aug	24.1	12.1	91.3	70.4	20.9	45.7
3-Sep	22.8	11.6	90.1	67.4	24.4	46.0
10-Sep	21.6	9.7	79.3	74.6	27.1	50.8
17-Sep	20.8	10.9	89.6	74.1	25.6	49.9
24-Sep	19.5	10.4	88.3	75.2	26.6	50.9
1-Oct	18.7	10.8	92.9	66.7	22.3	44.5
8-Oct	17.3	10.2	89.1	67.0	25.1	46.1
15-Oct	13.4	6.7	61.6	34.4	22.9	28.6
22-Oct	12.9	6.7	62.6	70.2	33.5	51.9
29-Oct	13.7	8.6	80.7	76.3	27.7	52.0
5-Nov	10.2	5.6	55.7	67.6	30.1	48.9
12-Nov	13.0	8.8	89.1	79.5	25.3	52.4
19-Nov	10.1	7.4	74.9	75.4	31.4	53.4
26-Nov	9.2	5.9	60.0	85.6	37.3	61.4
3-Dec	8.8	4.9	52.3	88.4	49.0	68.7
10-Dec	9.7	6.7	71.4	86.7	38.0	62.4
17-Dec	7.8	4.4	48.0	96.4	54.3	75.4
24-Dec§	9.7	6.7	71.4	96.3	39.3	67.8
1-Jan	6.9	3.1	33.4	96.7	72.1	84.4
8-Jan	8.6	5.2	54.0	96.7	56.9	76.8
15-Jan	6.2	2.2	23.3	99.6	75.6	87.6
22-Jan	11.6	6.7	67.0	98.4	44.4	71.4
29-Jan	6.9	2.2	22.6	99.5	68.5	84.0
5-Feb	12.0	6.3	61.4	89.6	42.3	65.9
12-Feb	10.0	3.6	35.8	93.3	50.8	68.9
19-Feb	11.8	4.4	42.4	84.0	46.3	65.1
26-Feb	12.6	3.8	35.4	100.0	50.3	75.1
5-Mar	13.7	5.3	47.7	95.7	43.9	69.8
12-Mar	12.0	3.3	28.4	94.6	50.6	72.7
19-Mar	13.3	4.5	38.3	96.6	63.2	79.9
26-Mar	20.1	8.7	72.9	92.5	42.4	67.4
2-Apr	18.6	7.5	49.3	91.5	45.1	68.3
9-Apr	18.3	6.9	54.1	94.9	51.8	73.4
16-Apr	23.7	9.4	72.6	94.8	36.5	65.6
23-Apr	24.6	10.1	76.9	90.3	20.4	55.4
30-Apr	21.9	8.7	65.7	91.7	33.2	62.5
7-May	23.6	8.3	61.3	82.0	31.2	56.6
14-May	25.3	10.3	74.4	93.6	36.2	65.0
21-May	27.6	11.4	81.6	94.5	35.1	64.8
28-May	25.8	11.2	79.4	98.5	33.3	65.9
4-Jun	28.8	12.5	87.4	68.2	25.4	46.8
11-Jun	29.0	12.8	89.3	68.5	25.6	47.1
18-Jun	28.7	13.0	91.1	64.2	22.8	43.5
25-Jun	28.2	12.5	88.0	71.9	28.4	50.2
2-Jul	29.0	12.9	89.9	75.4	28.0	51.7
9-Jul	28.8	12.8	90.6	56.1	21.3	38.7
16-Jul	27.6	12.5	89.0	74.8	31.5	53.1
23-Jul	27.0	12.1	88.3	71.7	27.1	49.4
30-Jul	26.5	12.2	89.1	71.2	30.4	50.8
6-Aug	25.5	12.0	88.9	87.0	30.1	59.3
13-Aug	24.6	11.8	(88.6)	80.2	38.0	59.1
20-Aug	24.2	11.7	m	85.3	27.5	56.4
27-Aug	23.7	11.4	(91.0)	87.6	31.5	59.6

**TEL HADYA - WEEKLY SUMMARY OF WIND AND AIR PRESSURE
SEASON 1990/91**

Week Starting §=8 days	Wind Run 2m km/d	Mean Wind Vel.10m km/d	Max. Wind Vel.10m km/d	Atmos. Press. Stn. hPa	Atmos. Press. Sealvl. hPa
27-Aug	332.7	22.1	40.7	970	1002
3-Sep	321.0	13.8	41.9	968	1001
10-Sep	329.9	17.3	45.7	971	1004
17-Sep	265.5	13.4	34.7	975	1008
24-Sep	303.3	13.9	43.8	974	1007
1-Oct	156.0	8.6	25.0	975	1008
8-Oct	229.3	(12.9)	(32.4)	975	1008
15-Oct	222.0	12.3	32.3	977	1011
22-Oct	184.3	(13.8)	(39.7)	974	1008
29-Oct	186.3	11.2	30.1	977	1010
5-Nov	198.3	12.7	37.9	974	1008
12-Nov	136.3	9.0	22.9	984	1018
19-Nov	150.3	9.4	20.5	979	1013
26-Nov	195.8	(10.0)	(23.1)	980	1014
3-Dec	163.8	m	m	979	1014
10-Dec	179.8	m	m	981	1016
17-Dec	134.0	m	m	979	1014
24-Dec§	150.2	m	m	981	1016
1-Jan	104.8	m	m	980	1015
8-Jan	145.9	m	m	983	1019
15-Jan	172.8	m	m	979	1014
22-Jan	174.8	m	m	981	1017
29-Jan	302.8	m	m	975	1010
5-Feb	145.2	m	m	982	1018
12-Feb	204.9	m	m	981	1016
19-Feb	244.3	m	m	978	1013
26-Feb	190.7	m	m	977	1012
5-Mar	318.0	m	m	978	1013
12-Mar	207.7	m	m	976	(1011)
19-Mar	265.9	m	m	972	1006
26-Mar	170.3	m	m	975	1009
2-Apr	266.1	m	m	977	1011
9-Apr	199.7	m	m	973	1007
16-Apr	219.8	m	m	974	1008
23-Apr	168.9	m	m	974	1007
30-Apr	209.1	m	m	976	1010
7-May	256.9	m	m	974	1008
14-May	291.4	m	m	972	1006
21-May	339.8	m	m	974	1008
28-May	292.1	m	m	974	1008
4-Jun	426.9	m	m	970	1003
11-Jun	295.3	m	m	970	1003
18-Jun	305.3	m	m	969	1002
25-Jun	492.4	m	m	967	1000
2-Jul	575.3	m	m	970	1003
9-Jul	457.7	m	m	967	1000
16-Jul	558.2	m	m	966	999
23-Jul	657.0	m	m	965	998
30-Jul	672.5	m	m	966	999
6-Aug	471.3	m	m	967	999
13-Aug	647.7	m	m	966	999
20-Aug	486.4	m	m	968	1001
27-Aug	513.5	(11.1)	(24.9)	970	1003

**TEL HADYA - DAILY AIR TEMPERATURE
SEPTEMBER 1990**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Max. Temp. +5cm °C	Min. Temp. +5cm °C	Mean Temp. +5cm °C	Min. Temp. ±0cm °C
1	244	36.0	20.1	28.1	36.9	19.3	28.0	17.4
2	245	37.2	16.5	26.9	38.2	13.5	25.9	11.0
3	246	37.8	14.6	26.2	39.3	13.5	26.4	10.5
4	247	35.8	14.8	25.3	37.0	13.9	25.5	12.0
5	248	34.2	19.1	26.7	35.7	19.0	27.4	17.5
6	249	33.6	19.5	26.6	35.5	18.7	27.1	15.7
7	250	32.4	16.8	24.6	34.6	15.8	25.2	15.0
8	251	35.6	16.2	25.9	35.7	15.6	25.7	12.8
9	252	37.6	16.2	26.9	39.0	16.7	27.9	14.0
10	253	36.4	21.1	28.8	37.5	20.7	29.1	20.0
11	254	35.2	18.8	27.0	36.6	17.6	27.1	15.0
12	255	32.6	19.2	25.9	34.0	18.5	26.3	15.5
13	256	33.0	15.7	24.4	34.0	14.3	24.2	13.6
14	257	30.0	18.7	24.4	31.6	18.4	25.0	16.5
15	258	30.6	15.3	23.0	32.0	12.8	22.4	10.3
16	259	31.6	10.3	21.0	32.0	9.2	20.6	8.7
17	260	30.7	14.7	22.7	32.7	13.8	23.3	12.0
18	261	32.8	18.6	25.7	34.0	18.3	26.2	15.9
19	262	31.8	15.7	23.8	33.0	14.6	23.6	14.1
20	263	31.7	14.1	22.9	32.1	14.0	23.1	12.0
21	264	32.7	13.9	23.3	34.4	12.8	23.6	10.0
22	265	35.0	15.9	25.5	35.4	14.7	25.1	12.5
23	266	36.4	16.0	26.2	37.2	16.0	26.6	15.9
24	267	35.5	19.2	27.4	36.0	18.1	27.1	16.2
25	268	32.2	19.8	26.0	33.4	19.6	26.5	m
26	269	34.1	20.0	27.1	35.0	19.9	27.5	19.2
27	270	36.3	16.4	26.4	37.1	15.5	26.3	m
28	271	37.8	14.9	26.4	39.5	14.4	27.0	12.4
29	272	33.9	18.2	26.1	35.5	18.0	26.8	15.0
30	273	29.4	17.0	23.2	29.7	16.3	23.0	14.5
Mean		34.0	16.9	25.5	35.2	16.1	25.6	(14.1)
Abs. Max.		37.8	21.1	28.8	39.5	20.7	29.1	(20.0)
Abs. Min.		29.4	10.3	21.0	29.7	9.2	20.6	(8.7)

**TEL HADYA - DAILY AIR TEMPERATURE
OCTOBER 1990**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Max. Temp. +5cm °C	Min. Temp. +5cm °C	Mean Temp. +5cm °C	Min. Temp. ±0cm °C
1	274	30.0	10.2	20.1	31.1	9.4	20.3	8.1
2	275	30.6	12.0	21.3	31.1	11.0	21.1	9.0
3	276	31.6	13.4	22.5	32.5	12.8	22.7	11.6
4	277	33.0	12.7	22.9	34.5	11.9	23.2	9.5
5	278	33.4	13.2	23.3	33.6	12.5	23.1	10.9
6	279	35.1	13.1	24.1	36.0	12.0	24.0	11.0
7	280	35.0	15.6	25.3	35.1	15.0	25.1	13.0
8	281	35.0	14.9	25.0	37.8	13.1	25.5	10.6
9	282	33.7	16.3	25.0	36.4	15.1	25.8	14.0
10	283	33.8	12.5	23.2	36.8	12.6	24.7	11.5
11	284	30.8	18.5	24.7	34.8	17.4	26.1	15.5
12	285	26.8	10.5	18.7	29.7	8.6	19.2	6.9
13	286	30.1	9.7	19.9	32.6	7.9	20.3	6.0
14	287	28.4	10.4	19.4	31.2	9.7	20.5	7.8
15	288	28.4	5.1	16.8	29.6	3.8	16.7	1.5
16	289	28.6	12.9	20.8	31.8	11.7	21.8	9.2
17	290	29.6	13.2	21.4	31.9	12.5	22.2	10.7
18	291	28.8	16.5	22.7	29.9	16.2	23.1	14.0
19	292	30.8	16.3	23.6	32.9	15.2	24.1	13.9
20	293	29.4	14.2	21.8	31.6	12.8	22.2	11.5
21	294	31.0	14.1	22.6	33.7	13.8	23.8	11.5
22	295	31.1	16.7	23.9	33.6	16.1	24.9	15.0
23	296	30.2	15.7	23.0	33.0	14.1	23.6	12.0
24	297	25.4	11.0	18.2	28.6	9.0	18.8	8.3
25	298	23.8	14.6	19.2	26.8	13.5	20.2	11.0
26	299	23.2	10.0	16.6	26.5	9.1	17.8	6.4
27	300	24.4	7.7	16.1	27.6	7.8	17.7	7.1
28	301	20.2	12.6	16.4	22.4	12.3	17.4	11.0
29	302	23.0	7.1	15.1	25.2	7.0	16.1	4.0
30	303	26.4	11.8	19.1	29.2	11.0	20.1	9.0
31	304	28.4	13.3	20.9	31.0	12.8	21.9	10.5
Mean		29.4	12.8	21.1	31.6	11.9	21.7	10.1
Abs. Max.		35.1	18.5	25.3	37.8	17.4	26.1	15.5
Abs. Min.		20.2	5.1	15.1	22.4	3.8	16.1	1.5

**TEL HADYA - DAILY AIR TEMPERATURE
NOVEMBER 1990**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Max. Temp. +5cm °C	Min. Temp. +5cm °C	Mean Temp. +5cm °C	Min. Temp. ±0cm °C
1	305	29.4	10.8	20.1	32.2	9.3	20.8	7.0
2	306	27.2	12.0	19.6	30.4	9.3	19.9	8.5
3	307	26.4	10.6	18.5	28.8	10.0	19.4	8.2
4	308	28.1	10.0	19.1	30.6	8.0	19.3	8.0
5	309	28.0	11.5	19.8	30.6	10.0	20.3	8.3
6	310	29.2	11.8	20.5	32.2	10.5	21.4	7.4
7	311	24.9	12.5	18.7	26.6	12.0	19.3	10.5
8	312	23.6	14.0	18.8	25.2	13.5	19.4	11.8
9	313	20.4	13.7	17.1	21.8	12.6	17.2	10.8
10	314	18.3	10.2	14.3	20.0	9.2	14.6	7.7
11	315	15.4	7.3	11.4	17.6	6.3	12.0	4.5
12	316	15.0	3.1	9.1	17.2	2.0	9.6	-0.5
13	317	15.6	-0.4	8.0	17.0	-1.5	7.8	-4.2
14	318	16.4	1.1	8.8	18.4	0.5	9.5	-0.3
15	319	18.1	1.0	9.6	20.0	-1.6	9.2	-1.6
16	320	20.3	3.0	11.7	21.9	3.0	12.5	0.2
17	321	22.0	3.3	12.7	23.6	2.5	13.1	1.3
18	322	22.2	1.2	11.7	24.0	0.5	12.3	-0.5
19	323	20.6	3.1	11.9	21.8	2.0	11.9	1.6
20	324	23.2	12.5	17.9	25.2	10.5	17.9	m
21	325	23.3	11.5	17.4	26.0	10.5	18.3	9.0
22	326	24.5	5.3	14.9	26.0	4.1	15.1	3.4
23	327	23.2	5.3	14.3	25.3	4.0	14.7	2.3
24	328	22.8	3.2	13.0	24.4	2.3	13.4	1.8
25	329	22.3	9.1	15.7	24.4	8.0	16.2	6.9
26	330	20.4	5.7	13.1	23.0	5.0	14.0	4.0
27	331	22.6	5.7	14.2	24.3	3.6	14.0	3.1
28	332	20.4	4.6	12.5	22.8	3.5	12.8	2.5
29	333	20.6	4.7	12.7	23.8	3.1	13.5	2.0
30	334	19.5	9.6	14.6	21.6	8.0	14.8	7.0
Mean		22.1	7.2	14.7	24.2	6.0	15.1	(4.5)
Abs. Max.		29.4	14.0	20.5	32.2	13.5	21.4	(11.8)
Abs. Min.		15.0	-0.4	8.0	17.0	-1.6	7.8	(-4.2)

**TEL HADYA - DAILY AIR TEMPERATURE
DECEMBER 1990**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Max. Temp. +5cm °C	Min. Temp. +5cm °C	Mean Temp. +5cm °C	Min. Temp. ±0cm °C
1	335	19.8	6.5	13.2	22.0	5.5	13.8	3.5
2	336	18.8	6.2	12.5	19.4	m	m	2.6
3	337	19.2	7.9	13.6	21.0	6.2	13.6	5.1
4	338	17.6	9.1	13.4	19.0	9.3	14.2	8.5
5	339	18.2	8.2	13.2	20.0	7.3	13.7	6.7
6	340	19.2	5.9	12.6	22.4	4.9	13.7	4.9
7	341	19.0	2.5	10.8	21.9	2.4	12.3	2.2
8	342	15.6	5.3	10.5	17.4	5.0	11.2	4.1
9	343	18.6	3.2	10.9	21.2	2.1	11.7	1.6
10	344	17.0	3.7	10.4	19.8	2.2	11.0	1.3
11	345	16.5	-2.2	7.2	18.0	-2.8	7.6	-4.8
12	346	16.8	1.3	9.1	13.2	0.0	6.1	-1.8
13	347	15.9	8.2	12.1	17.0	7.9	12.5	6.1
14	348	15.2	6.9	11.1	17.4	6.4	11.9	2.8
15	349	18.0	0.4	9.2	20.2	-0.8	9.7	-2.2
16	350	17.4	1.6	9.3	19.6	0.2	9.9	-1.3
17	351	17.8	6.0	11.9	22.0	5.1	13.6	4.1
18	352	17.0	4.2	10.6	19.8	3.2	11.5	1.6
19	353	15.8	-3.2	6.3	18.0	-3.6	7.2	-5.0
20	354	13.1	4.7	8.9	15.0	4.2	9.6	3.2
21	355	12.8	6.4	9.6	14.9	6.0	10.5	5.7
22	356	10.8	5.3	8.1	12.6	4.8	8.7	3.6
23	357	13.9	3.9	8.9	16.8	3.1	10.0	2.6
24	358	7.8	5.0	6.4	9.6	4.0	6.8	3.0
25	359	11.1	-2.4	4.4	12.6	-4.3	6.2	-6.2
26	360	11.2	-2.2	4.5	11.4	-3.9	3.8	-4.0
27	361	10.8	-5.5	2.7	11.3	-7.1	2.1	-8.0
28	362	9.0	-1.9	3.6	10.6	-4.0	3.3	-5.0
29	363	12.2	-3.0	4.6	13.4	-5.3	4.1	-5.2
30	364	13.1	-5.3	3.9	13.6	-6.5	3.6	-7.9
31	365	14.8	-5.1	4.9	14.8	-6.9	4.0	-8.7
Mean		15.3	2.6	9.0	17.0	(1.5)	(9.3)	0.4
Abs. Max.		19.8	9.1	13.6	22.4	(9.3)	(14.2)	8.5
Abs. Min.		7.8	-5.5	2.7	9.6	(-7.1)	(2.1)	-8.7

**TEL HADYA - DAILY AIR TEMPERATURE
JANUARY 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Max. Temp. +5cm °C	Min. Temp. +5cm °C	Mean Temp. +5cm °C	Min. Temp. ±0cm °C
1	1	14.1	-4.0	5.1	15.0	-5.4	4.8	-6.6
2	2	16.1	-4.0	6.1	16.5	-4.6	6.0	-6.0
3	3	9.8	-0.1	4.9	11.9	-1.9	5.0	-3.3
4	4	11.9	5.5	8.7	13.7	5.5	9.6	3.7
5	5	10.6	0.3	5.5	11.3	0.6	6.0	0.6
6	6	7.7	0.3	4.0	8.2	0.9	4.6	1.0
7	7	13.4	3.1	8.3	16.7	2.2	9.5	1.2
8	8	7.8	3.5	5.7	9.4	1.9	5.7	1.0
9	9	6.7	4.6	5.7	8.6	5.0	6.8	5.0
10	10	11.6	2.6	7.1	11.8	3.2	7.5	3.0
11	11	13.4	-1.8	5.8	14.2	-1.6	6.3	-1.6
12	12	13.7	-0.3	6.7	15.2	-1.9	6.7	-3.7
13	13	14.2	-0.8	6.7	15.2	-2.5	6.4	-3.6
14	14	17.1	-3.0	7.1	18.4	-5.1	6.7	-6.0
15	15	18.2	-0.8	8.7	18.6	-2.2	8.2	-3.2
16	16	13.2	1.6	7.4	15.2	-0.2	7.5	-2.3
17	17	10.1	4.2	7.2	11.8	3.0	7.4	2.7
18	18	10.0	7.0	8.5	11.6	6.1	8.9	5.5
19	19	10.4	1.2	6.8	11.8	0.4	6.1	-0.5
20	20	9.9	5.1	7.5	10.6	3.0	6.8	1.4
21	21	13.0	6.0	9.5	13.1	5.2	9.2	4.5
22	22	12.1	4.7	8.4	12.2	2.3	7.3	2.3
23	23	9.4	2.6	6.0	9.8	1.8	5.8	1.5
24	24	8.8	-2.1	3.4	10.3	-3.6	3.4	-5.6
25	25	9.2	-3.5	2.8	9.6	m	m	-0.6
26	26	9.0	-4.2	2.4	11.4	-6.5	2.5	-6.8
27	27	13.3	-5.5	3.9	14.1	-8.0	3.1	-9.5
28	28	11.8	-1.7	5.1	13.6	-3.8	4.9	-5.5
29	29	4.1	2.3	3.2	4.4	1.0	2.7	-0.4
30	30	4.9	2.4	3.7	5.6	2.1	3.9	1.8
31	31	10.6	1.7	6.2	11.2	0.0	5.6	-0.8
Mean		11.2	0.9	6.1	12.3	(-0.1)	(6.2)	-1.0
Abs.Max.		18.2	7.0	9.5	18.6	(6.1)	(9.6)	5.5
Abs.Min.		4.1	-5.5	2.4	4.4	(-8.0)	(2.5)	-9.5

**TEL HADYA - DAILY AIR TEMPERATURE
FEBRUARY 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Max. Temp. +5cm °C	Min. Temp. +5cm °C	Mean Temp. +5cm °C	Min. Temp. ±0cm °C
1	32	10.6	2.4	6.5	11.9	0.1	6.0	-1.5
2	33	9.4	0.8	5.1	10.6	-0.1	5.3	-1.3
3	34	9.4	4.1	6.8	10.4	3.8	7.1	3.4
4	35	7.4	-0.6	3.4	9.4	-2.1	3.7	-3.7
5	36	7.6	-4.3	1.7	9.0	-6.6	1.2	-8.0
6	37	6.1	0.4	3.3	7.6	-0.6	3.5	-1.8
7	38	10.0	1.2	5.6	10.6	1.0	5.8	1.0
8	39	13.0	-3.2	4.9	14.0	-4.9	4.6	-5.5
9	40	9.9	-6.4	1.8	11.2	-8.5	1.4	-9.5
10	41	12.7	-3.5	4.6	13.9	-5.9	4.0	-6.7
11	42	14.9	-2.4	6.3	15.0	-4.5	5.3	-5.7
12	43	16.7	-3.6	6.6	17.6	-6.1	5.8	-7.4
13	44	11.9	1.2	6.6	13.1	-1.2	6.0	-3.0
14	45	14.6	-1.6	6.5	17.1	-3.9	6.6	-6.3
15	46	15.2	0.4	7.8	17.1	-0.7	8.2	-2.2
16	47	10.8	4.6	7.7	11.2	6.0	8.6	5.4
17	48	16.0	1.9	9.0	17.6	1.5	9.6	1.5
18	49	16.2	3.2	9.7	17.1	1.5	9.3	0.5
19	50	14.6	5.4	10.0	16.8	4.1	10.5	3.0
20	51	16.8	6.2	11.5	18.4	4.3	11.4	3.5
21	52	18.2	0.4	9.3	18.2	-0.4	8.9	-1.4
22	53	16.4	0.0	8.2	17.7	-1.5	8.1	-2.0
23	54	16.6	7.1	11.9	18.4	5.6	12.0	4.2
24	55	18.3	6.9	12.6	19.8	5.7	12.8	5.0
25	56	12.4	9.1	10.8	12.5	7.2	9.9	6.5
26	57	16.2	5.8	11.0	18.6	6.0	12.3	5.3
27	58	15.1	2.6	8.9	18.0	1.5	9.8	0.2
28	59	15.6	5.8	10.7	16.7	5.1	10.9	4.4
Mean		13.3	1.6	7.5	14.6	0.2	7.5	-0.8
Abs.Max.		18.3	9.1	12.6	19.8	7.2	12.8	6.5
Abs.Min.		6.1	-6.4	1.7	7.6	-8.5	1.2	-9.5

**TEL HADYA - DAILY AIR TEMPERATURE
MARCH 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Max. Temp. +5cm °C	Min. Temp. +5cm °C	Mean Temp. +5cm °C	Min. Temp. ±0cm °C
1	60	17.0	0.0	8.5	19.9	-0.2	9.9	-1.5
2	61	17.2	5.4	11.3	20.4	4.5	12.5	3.2
3	62	19.1	1.3	10.2	22.0	0.5	11.3	-0.5
4	63	17.8	4.1	11.0	20.1	3.0	11.6	2.3
5	64	11.8	8.9	10.4	14.2	8.0	11.1	8.7
6	65	12.0	1.3	6.7	14.0	-0.4	6.8	-1.6
7	66	16.9	-0.4	8.3	19.5	-0.6	9.9	-3.2
8	67	16.8	3.8	10.3	19.1	2.2	10.7	1.3
9	68	12.9	5.7	9.3	15.2	5.0	10.1	3.1
10	69	12.4	-4.6	3.9	15.1	-6.6	4.3	-6.8
11	70	12.2	3.3	7.8	12.4	2.0	7.2	0.5
12	71	16.4	6.5	11.5	19.6	5.2	12.4	3.6
13	72	16.0	5.2	10.6	18.6	3.2	10.9	3.0
14	73	16.8	2.5	9.7	21.8	0.6	11.2	-0.5
15	74	19.8	5.6	12.7	22.1	3.6	12.9	2.6
16	75	17.5	5.0	11.3	19.8	3.6	11.7	2.8
17	76	11.4	8.1	9.8	11.9	7.5	9.7	6.9
18	77	13.1	7.3	10.4	13.9	6.1	10.0	5.5
19	78	16.4	10.1	13.3	18.6	9.9	14.3	8.8
20	79	20.6	5.3	13.0	21.0	5.0	13.0	4.6
21	80	22.5	9.5	16.0	25.4	8.6	17.0	8.3
22	81	16.2	12.8	14.5	17.6	12.2	14.9	11.6
23	82	19.4	11.9	15.7	20.5	11.5	16.0	11.0
24	83	18.9	11.2	15.1	21.6	10.3	16.0	9.5
25	84	18.9	10.6	14.8	24.3	9.5	16.9	9.0
26	85	24.8	9.5	17.2	24.0	8.1	16.1	7.3
27	86	24.8	7.0	15.9	26.4	5.0	15.7	4.8
28	87	25.8	6.0	15.9	26.0	4.5	15.3	5.0
29	88	24.8	11.5	18.2	26.4	10.0	18.2	10.1
30	89	27.8	11.6	19.7	28.2	10.2	19.2	9.3
31	90	22.1	8.9	15.5	24.2	7.4	15.8	7.4
Mean		18.1	6.3	12.2	20.1	5.1	12.7	4.4
Abs. Max.		27.8	12.8	19.7	28.2	12.2	19.2	11.6
Abs. Min.		11.4	-4.6	3.9	11.9	-6.6	4.3	-6.8

**TEL HADYA - DAILY AIR TEMPERATURE
APRIL 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Max. Temp. +5cm °C	Min. Temp. +5cm °C	Mean Temp. +5cm °C	Min. Temp. ±0cm °C
1	91	22.2	8.8	15.5	24.2	8.1	16.2	6.7
2	92	23.0	12.8	17.8	23.9	11.8	17.9	11.4
3	93	21.5	9.3	15.4	23.8	7.7	15.8	7.0
4	94	19.5	9.2	14.4	21.6	7.0	14.3	5.5
5	95	20.4	8.2	14.3	23.6	6.3	15.0	5.0
6	96	20.5	7.1	13.8	23.4	5.5	14.5	4.1
7	97	24.6	2.9	13.8	24.8	2.4	13.6	0.3
8	98	21.2	10.8	16.0	22.9	8.9	15.9	8.3
9	99	17.1	7.2	12.2	19.1	5.7	12.4	5.3
10	100	16.3	5.4	10.9	19.4	4.4	11.9	3.8
11	101	16.8	6.7	11.8	20.0	6.0	13.0	5.6
12	102	19.8	7.0	13.4	21.4	5.5	13.5	4.5
13	103	22.3	5.1	13.7	22.6	4.0	13.3	3.0
14	104	25.1	10.1	17.6	26.5	9.1	17.8	9.1
15	105	20.7	12.8	16.8	21.8	11.3	16.6	11.3
16	106	20.5	7.8	14.2	22.3	7.2	14.8	6.8
17	107	20.6	6.1	13.4	22.8	6.1	14.5	5.0
18	108	23.0	4.1	13.6	23.0	3.2	13.1	3.6
19	109	26.1	4.2	15.3	26.3	4.0	15.3	5.2
20	110	26.8	11.6	19.2	27.1	10.3	18.7	10.0
21	111	24.8	14.0	19.4	25.7	12.6	19.2	12.2
22	112	27.8	5.1	16.5	28.0	4.0	16.0	4.0
23	113	29.1	8.6	18.9	30.0	8.7	19.3	7.7
24	114	30.2	10.0	20.1	31.6	8.6	20.1	8.4
25	115	26.1	9.0	17.6	27.2	7.5	17.4	7.0
26	116	26.8	7.2	17.0	28.0	5.6	16.3	5.6
27	117	28.2	4.4	16.3	28.5	3.2	15.9	3.0
28	118	31.0	4.2	17.6	32.3	3.1	17.7	3.1
29	119	31.3	9.0	20.2	31.7	7.0	19.4	6.8
30	120	31.3	16.8	24.1	32.2	15.7	24.0	15.0
Mean		23.8	8.2	16.0	25.2	7.0	16.1	6.5
Abs. Max.		31.3	16.8	24.1	32.3	15.7	24.0	15.0
Abs. Min.		16.3	2.9	10.9	19.1	2.4	11.9	0.3

**TEL HADYA - DAILY AIR TEMPERATURE
MAY 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Max. Temp. +5cm °C	Min. Temp. +5cm °C	Mean Temp. +5cm °C	Min. Temp. ±0cm °C
1	121	18.2	15.2	16.7	20.8	14.8	17.8	14.5
2	122	23.1	9.8	16.5	25.4	8.3	16.9	7.5
3	123	25.3	9.5	17.4	27.0	7.9	17.5	6.5
4	124	28.5	9.1	18.8	30.3	7.7	19.0	7.4
5	125	32.5	7.9	20.2	33.3	7.4	20.4	7.4
6	126	33.2	11.2	22.2	35.5	9.0	22.3	8.8
7	127	33.3	15.0	24.2	35.6	13.5	24.6	12.6
8	128	31.8	15.7	23.8	35.4	15.5	25.5	14.0
9	129	29.2	13.6	21.4	31.8	13.0	22.4	12.0
10	130	30.4	10.0	20.2	31.8	8.4	20.1	7.7
11	131	30.5	15.8	23.2	33.2	14.6	23.9	13.7
12	132	31.7	16.2	24.0	34.0	15.0	24.5	14.5
13	133	28.6	14.1	21.4	30.6	13.5	22.1	13.5
14	134	32.2	14.6	23.4	35.1	13.5	24.3	11.6
15	135	29.2	17.0	23.1	32.4	16.5	24.5	16.1
16	136	24.2	17.0	20.6	27.0	16.6	21.8	16.4
17	137	26.2	9.8	18.0	29.0	8.6	18.8	8.1
18	138	28.1	12.3	20.2	30.8	11.0	20.9	10.5
19	139	31.8	9.6	20.7	34.1	6.9	20.5	6.8
20	140	32.8	14.7	23.8	36.0	m	m	6.8
21	141	23.0	14.5	18.8	25.6	13.6	19.6	12.5
22	142	24.0	7.0	15.8	25.8	4.0	14.9	3.7
23	143	26.7	11.8	19.3	29.6	11.0	20.3	11.0
24	144	27.4	8.0	17.7	30.2	6.8	18.5	6.7
25	145	31.7	10.2	21.0	35.4	9.3	22.4	9.0
26	146	29.7	13.6	21.7	32.3	12.1	22.2	10.6
27	147	23.8	12.8	18.3	26.2	11.1	18.7	10.0
28	148	25.2	11.5	18.4	28.4	10.3	19.4	9.2
29	149	21.1	6.7	13.9	23.6	6.4	15.0	5.0
30	150	24.8	9.0	16.9	26.4	8.3	17.4	11.4
31	151	25.8	12.2	19.0	28.9	12.0	20.5	6.5
Mean		27.9	12.1	20.0	30.4	(10.9)	(20.6)	10.1
Abs.Max.		33.3	17.0	24.2	36.0	(16.6)	(25.5)	16.4
Abs.Min.		18.2	6.7	13.9	20.8	(4.0)	(14.9)	3.7

**TEL HADYA - DAILY AIR TEMPERATURE
JUNE 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Max. Temp. +5cm °C	Min. Temp. +5cm °C	Mean Temp. +5cm °C	Min. Temp. ±0cm °C
1	152	27.2	8.4	17.8	30.1	7.0	18.6	m
2	153	29.6	13.0	21.3	32.6	12.0	22.0	10.3
3	154	32.1	10.1	21.1	34.7	8.5	21.6	7.4
4	155	33.2	13.8	23.5	36.2	11.5	23.9	11.2
5	156	33.7	16.8	25.3	37.1	16.5	26.8	16.2
6	157	32.0	17.7	24.9	35.4	16.9	26.2	16.6
7	158	31.8	16.6	24.2	35.0	16.0	25.5	15.7
8	159	34.2	15.8	25.0	37.6	14.5	26.1	14.4
9	160	35.0	13.5	24.3	39.2	11.4	25.3	11.0
10	161	29.8	14.9	22.4	33.6	12.5	23.1	12.0
11	162	31.0	17.6	24.3	34.2	15.2	24.7	15.0
12	163	32.3	16.2	24.3	36.4	15.2	25.8	14.3
13	164	34.8	17.5	26.2	38.4	16.3	27.4	15.5
14	165	36.3	16.0	26.2	38.9	14.8	26.9	13.2
15	166	36.1	18.4	27.3	39.6	17.2	28.4	16.7
16	167	37.6	18.3	27.8	40.5	16.3	28.4	15.6
17	168	39.6	16.1	27.9	42.0	15.3	12.3	14.0
18	169	40.8	16.9	28.9	44.1	15.0	29.6	15.0
19	170	41.5	18.4	30.0	45.2	16.0	30.6	15.3
20	171	39.7	19.2	29.5	43.2	18.1	30.7	16.4
21	172	37.7	18.9	28.3	42.0	18.0	30.0	17.5
22	173	38.2	20.0	29.1	41.7	18.4	30.1	17.5
23	174	40.6	19.1	29.9	43.7	18.1	30.9	17.3
24	175	40.6	18.4	29.5	43.3	16.5	29.9	16.0
25	176	36.9	21.0	29.0	41.1	20.0	30.6	19.4
26	177	34.4	21.6	28.0	37.8	20.9	29.4	20.1
27	178	33.3	20.5	26.9	36.6	18.2	27.4	17.4
28	179	34.6	19.0	26.8	37.8	17.6	27.7	17.4
29	180	36.9	21.1	29.0	40.6	20.5	30.6	20.2
30	181	36.5	17.0	26.8	39.5	16.4	28.0	16.0
Mean		35.3	17.1	26.2	38.6	15.7	26.6	(15.3)
Abs. Max.		41.5	21.6	30.0	45.2	20.9	30.9	(20.2)
Abs. Min.		27.2	8.4	17.8	30.1	7.0	12.3	(7.4)

**TEL HADYA - DAILY AIR TEMPERATURE
JULY 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Max. Temp. +5cm °C	Min. Temp. +5cm °C	Mean Temp. +5cm °C	Min. Temp. ±0cm °C
1	182	34.6	22.2	28.4	36.7	21.6	29.2	21.1
2	183	35.7	22.6	29.2	38.0	22.0	30.0	21.5
3	184	35.0	20.1	27.6	38.0	19.3	28.7	19.0
4	185	35.7	18.2	27.0	38.3	16.1	27.2	15.2
5	186	34.6	19.4	27.0	37.0	18.3	27.7	17.3
6	187	31.8	20.2	26.0	35.5	18.6	27.1	18.5
7	188	31.0	19.5	25.3	34.0	19.0	26.5	17.6
8	189	31.9	20.1	26.0	35.9	19.6	27.8	19.0
9	190	34.0	20.8	27.4	36.0	20.0	28.0	19.9
10	191	35.4	19.2	27.3	38.1	18.2	28.2	17.3
11	192	37.2	16.6	26.9	39.5	14.9	27.2	14.0
12	193	39.7	17.6	28.6	42.5	16.3	29.4	16.0
13	194	37.0	20.6	28.8	40.7	19.7	30.2	17.5
14	195	37.0	20.2	28.6	40.0	19.0	29.5	17.9
15	196	35.4	23.0	29.2	35.5	22.0	28.8	20.3
16	197	34.8	21.9	28.4	38.0	20.6	29.3	19.9
17	198	36.3	21.2	28.8	39.4	20.5	30.0	19.5
18	199	34.0	21.9	28.0	37.0	21.4	29.2	21.4
19	200	33.6	21.8	27.5	36.5	21.0	28.8	20.5
20	201	38.2	21.4	29.8	40.0	20.6	30.3	20.2
21	202	34.2	19.9	27.1	37.6	18.0	27.8	18.0
22	203	36.8	23.2	30.0	40.0	22.6	31.3	22.5
23	204	37.6	24.0	30.8	40.5	23.0	31.8	22.7
24	205	36.6	24.0	30.3	40.2	22.3	31.3	22.0
25	206	35.6	22.6	29.1	39.0	21.4	30.2	21.2
26	207	34.6	23.1	28.9	40.1	22.5	31.3	22.3
27	208	37.6	23.0	30.3	41.0	22.1	31.6	22.0
28	209	38.4	22.2	30.3	41.3	20.9	31.1	20.2
29	210	35.9	21.4	28.7	38.4	20.6	29.5	20.1
30	211	33.0	22.2	27.6	37.0	m	m	20.9
31	212	32.6	21.5	27.1	35.5	20.0	27.8	20.2
Mean		35.3	21.1	28.3	38.3	(20.1)	(29.2)	19.5
Abs.Max.		39.7	24.0	30.8	42.5	(23.0)	(31.8)	22.7
Abs.Min.		31.0	16.6	25.3	34.0	(14.9)	(26.5)	14.0

**TEL HADYA - DAILY AIR TEMPERATURE
AUGUST 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Max. Temp. +5cm °C	Min. Temp. +5cm °C	Mean Temp. +5cm °C	Min. Temp. ±0cm °C
1	213	37.8	22.1	30.0	40.5	20.6	30.6	20.2
2	214	39.7	22.0	30.9	42.0	20.2	31.1	19.7
3	215	38.1	22.2	30.2	41.4	19.3	30.4	19.1
4	216	36.4	22.2	29.3	39.4	21.6	30.5	21.2
5	217	35.0	22.7	28.9	38.1	21.8	30.0	21.6
6	218	38.4	23.3	30.9	42.0	22.5	32.3	22.0
7	219	38.6	22.0	30.3	42.4	19.2	30.8	18.2
8	220	39.7	20.8	30.3	41.8	20.0	30.9	19.6
9	221	39.2	20.0	29.6	42.0	19.2	30.6	19.2
10	222	35.6	22.8	29.2	38.2	21.6	29.9	21.0
11	223	36.6	23.0	29.8	39.4	22.0	30.7	22.0
12	224	38.0	20.0	29.0	40.4	19.4	29.9	19.0
13	225	39.8	21.1	30.5	42.5	m	29.9	19.3
14	226	37.6	20.9	29.3	41.0	19.8	30.4	19.0
15	227	35.4	24.1	29.8	38.5	23.3	30.9	22.5
16	228	36.2	23.3	29.8	39.0	22.8	30.9	22.2
17	229	34.8	23.6	29.2	38.0	22.9	30.5	22.5
18	230	35.4	23.3	29.4	38.3	22.7	30.5	22.3
19	231	34.5	22.5	28.5	38.0	22.1	30.1	21.5
20	232	35.8	22.7	29.3	39.0	22.4	30.7	22.1
21	233	37.5	22.9	30.2	40.5	22.1	31.3	21.5
22	234	37.1	23.1	30.1	40.1	22.2	31.2	21.6
23	235	36.8	23.0	29.9	40.0	22.1	31.1	21.0
24	236	39.1	22.5	30.8	41.2	21.6	31.4	21.0
25	237	35.0	20.5	27.8	38.5	19.4	29.0	19.0
26	238	35.6	19.2	27.4	38.0	17.1	27.6	17.0
27	239	36.2	20.0	28.1	39.0	17.1	28.1	16.7
28	240	35.0	22.2	28.6	38.0	21.0	29.5	20.4
29	241	32.9	20.8	26.9	36.1	20.0	28.1	19.4
30	242	33.8	21.2	27.5	37.2	20.5	28.9	19.6
31	243	33.5	17.0	25.3	37.5	16.5	27.0	16.0
Mean		36.6	21.8	29.3	39.6	(20.8)	30.2	20.2
Abs. Max.		39.8	24.1	30.9	42.5	(23.3)	32.3	22.5
Abs. Min.		32.9	17.0	25.3	36.1	(16.5)	27.0	16.0

**TEL HADYA - DAILY SOIL TEMPERATURE
SEPTEMBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	244	41.0	27.4	34.2	35.7	28.2	32.0	32.0	29.0	30.5
2	245	42.0	25.3	33.7	36.0	27.1	31.6	32.0	29.3	30.7
3	246	42.0	24.5	33.3	35.5	26.5	31.0	31.8	28.8	30.3
4	247	40.3	25.5	32.9	34.5	26.9	30.7	31.0	28.8	29.9
5	248	40.0	28.0	34.0	39.3	27.8	33.6	30.8	28.0	29.4
6	249	40.2	27.0	33.6	34.5	27.0	30.8	30.8	27.6	29.2
7	250	39.8	26.2	33.0	34.0	27.0	30.5	30.2	28.0	29.1
8	251	41.2	26.0	33.6	35.0	26.6	30.8	31.0	27.7	29.4
9	252	41.0	27.0	34.0	35.0	27.5	31.3	31.2	28.7	30.0
10	253	40.8	27.8	34.3	34.9	28.0	31.5	31.3	28.0	29.7
11	254	40.5	26.5	33.5	33.9	26.9	30.4	30.2	28.0	29.1
12	255	38.0	26.8	32.4	33.0	26.5	29.8	29.5	27.5	28.5
13	256	36.8	25.0	30.9	32.0	26.0	29.0	34.0	27.3	30.7
14	257	37.1	26.2	31.7	32.0	26.4	29.2	29.1	27.3	28.2
15	258	37.0	24.1	30.6	31.6	25.0	28.3	34.0	26.3	30.2
16	259	38.0	22.0	30.0	32.0	23.4	27.7	29.0	26.0	27.5
17	260	37.8	23.3	30.6	32.2	24.1	28.2	29.0	26.2	27.6
18	261	37.5	25.0	31.3	37.0	25.0	31.0	28.8	25.9	27.4
19	262	36.2	24.0	30.1	31.1	24.6	27.9	28.0	26.0	27.0
20	263	36.0	24.0	30.0	31.0	24.9	28.0	28.0	26.0	27.0
21	264	38.7	23.0	30.9	33.0	23.8	28.4	29.8	25.3	27.9
22	265	39.0	24.1	31.6	33.0	25.0	29.0	29.8	26.8	28.3
23	266	40.8	26.0	33.4	34.6	26.0	30.3	30.3	27.0	28.7
24	267	40.6	26.0	33.3	34.9	27.6	31.3	30.2	27.9	29.1
25	268	35.5	25.5	30.5	32.2	27.0	29.6	30.1	28.0	29.1
26	269	37.9	24.8	31.4	33.3	26.3	29.8	30.1	27.4	28.8
27	270	38.9	24.3	31.6	34.0	26.0	30.3	30.0	27.4	28.7
28	271	38.1	23.4	30.8	33.2	25.5	30.3	29.7	26.9	28.7
29	272	35.9	24.9	30.4	31.9	26.2	29.1	28.2	26.8	27.5
30	273	32.4	24.3	28.4	31.3	25.2	28.3	28.5	25.5	27.0
Mean		38.7	25.3	32.0	33.7	26.1	30.0	30.3	27.3	28.8
Abs. Max.		42.0	28.0	34.3	39.3	28.2	33.6	34.0	29.3	30.7
Abs. Min.		32.4	22.0	28.4	31.0	23.4	27.7	28.0	25.3	27.0

**TEL HADYA - DAILY SOIL TEMPERATURE
OCTOBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	274	33.5	18.5	26.0	29.5	21.5	25.5	26.8	24.3	25.6
2	275	35.5	19.0	27.3	30.5	21.7	26.1	27.0	23.5	25.3
3	276	36.3	21.0	28.7	30.9	22.4	26.7	27.1	24.1	25.6
4	277	36.1	21.4	28.8	30.6	22.4	26.5	27.4	24.1	25.8
5	278	36.9	22.0	29.5	32.3	22.8	27.1	29.0	24.1	26.6
6	279	35.4	21.0	28.2	31.0	22.5	26.8	27.9	24.6	26.3
7	280	35.8	22.9	29.4	31.3	23.5	27.4	27.5	25.0	26.0
8	281	36.1	22.0	29.1	31.0	23.0	27.0	27.6	24.5	26.1
9	282	35.8	23.0	29.4	30.0	23.1	26.6	27.0	24.8	25.5
10	283	34.1	21.3	27.7	29.2	22.2	25.7	26.0	24.0	25.0
11	284	33.5	23.3	28.4	29.0	23.0	26.0	26.0	23.9	25.0
12	285	32.0	19.0	25.5	27.9	20.5	24.2	25.7	23.4	24.6
13	286	31.1	18.0	24.6	26.7	19.8	23.3	24.8	22.3	23.6
14	287	34.0	19.5	26.8	29.0	20.6	24.8	26.3	22.5	24.4
15	288	30.1	17.0	23.6	26.4	19.0	22.7	24.9	22.8	23.9
16	289	30.3	20.0	25.2	27.0	21.0	24.0	24.8	22.8	23.8
17	290	29.6	19.3	24.5	26.0	20.5	23.3	24.2	22.2	23.2
18	291	27.5	21.1	24.3	25.2	21.9	23.5	24.0	23.0	24.5
19	292	31.7	21.1	26.4	27.3	21.7	24.5	24.9	22.8	23.9
20	293	32.4	21.0	26.7	28.0	21.8	24.9	25.0	22.9	24.0
21	294	33.0	21.5	27.3	28.7	22.0	25.4	25.0	23.0	24.0
22	295	33.8	22.0	27.9	29.0	22.8	25.9	25.8	23.3	24.6
23	296	31.8	22.0	26.9	27.6	22.2	24.9	25.0	23.0	24.0
24	297	27.5	19.0	23.4	25.0	20.4	22.9	23.0	22.5	22.8
25	298	26.8	20.0	23.4	24.0	20.5	22.3	22.5	21.3	22.0
26	299	27.0	17.8	22.4	24.3	19.0	21.7	22.2	20.4	21.3
27	300	27.2	16.8	22.0	24.1	18.2	21.2	22.0	20.4	21.2
28	301	25.0	18.8	21.9	22.0	19.0	20.5	20.3	19.9	20.1
29	302	26.0	14.1	20.1	23.0	16.2	19.6	21.4	18.0	19.7
30	303	26.0	16.4	21.2	22.8	17.4	20.1	21.4	19.0	20.2
31	304	25.8	17.0	21.4	22.7	17.7	20.2	21.0	19.0	20.0
Mean		31.5	19.9	25.7	27.5	21.0	24.2	25.0	22.6	23.8
Abs. Max.		36.9	23.3	29.5	32.3	23.5	27.4	29.0	25.0	26.6
Abs. Min.		25.0	14.1	20.1	22.0	16.2	19.6	20.3	18.0	19.7

**TEL HADYA - DAILY SOIL TEMPERATURE
NOVEMBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	305	26.4	16.0	21.2	23.0	17.3	22.3	21.3	19.3	20.3
2	306	25.5	17.5	21.5	22.4	18.1	20.3	21.4	20.1	20.8
3	307	26.0	17.0	21.5	22.8	18.0	20.1	21.6	20.0	20.8
4	308	26.0	16.6	21.3	22.7	17.3	20.0	21.4	19.8	20.6
5	309	26.5	16.7	21.6	23.0	17.5	20.3	22.2	19.8	21.0
6	310	27.0	16.9	22.0	23.2	17.9	20.6	22.0	20.4	21.2
7	311	23.0	18.0	20.5	21.1	18.3	19.7	21.0	20.3	20.7
8	312	22.8	21.1	21.9	20.1	18.0	19.1	19.7	19.0	19.4
9	313	21.0	16.6	18.8	20.0	16.8	18.4	19.3	17.6	18.5
10	314	17.7	13.8	15.8	19.3	16.3	17.8	16.7	16.0	16.4
11	315	17.0	11.4	14.2	16.0	12.8	14.4	16.2	15.0	15.6
12	316	18.1	8.0	13.1	16.7	10.0	13.4	16.8	13.6	15.2
13	317	16.7	6.2	11.5	14.5	8.9	11.7	14.8	13.0	13.9
14	318	16.0	6.8	11.4	14.0	8.8	11.4	14.0	13.5	13.8
15	319	16.0	7.1	11.6	14.0	9.0	11.5	14.0	12.5	13.3
16	320	18.8	8.3	13.6	17.0	9.7	13.4	16.7	12.5	14.0
17	321	18.8	9.0	13.9	16.8	11.2	14.1	16.0	14.0	15.0
18	322	18.2	8.7	13.5	16.7	11.0	13.9	16.0	14.0	15.0
19	323	18.6	9.0	13.8	17.1	11.8	14.5	16.9	14.1	15.5
20	324	19.0	13.2	16.1	18.0	14.3	16.2	17.7	16.0	16.9
21	325	20.5	13.2	16.9	19.0	15.0	17.0	18.2	16.8	17.5
22	326	19.0	11.0	15.0	17.7	13.0	15.4	17.3	15.9	16.6
23	327	20.0	11.0	15.5	19.0	13.0	16.0	17.7	15.6	16.7
24	328	18.0	10.5	14.3	17.5	13.4	15.5	16.7	15.3	16.0
25	329	18.7	12.7	15.7	18.1	14.9	16.5	17.0	16.0	16.5
26	330	18.3	11.4	14.9	18.0	13.9	16.0	17.3	15.6	16.5
27	331	18.0	11.0	14.5	17.2	13.6	15.4	16.6	15.2	15.9
28	332	18.0	11.0	14.5	17.5	14.0	15.8	16.6	15.3	16.0
29	333	17.6	10.7	14.2	17.2	13.4	15.3	16.4	15.2	15.8
30	334	18.5	12.4	15.5	18.0	14.3	16.2	17.0	15.3	16.2
Mean		20.2	12.4	16.3	18.6	14.0	16.4	17.9	16.2	17.1
Abs.Max.		27.0	21.1	22.0	23.2	18.3	22.3	22.2	20.4	21.2
Abs.Min.		16.0	6.2	11.4	14.0	8.8	11.4	14.0	12.5	13.3

**TEL HADYA - DAILY SOIL TEMPERATURE
DECEMBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	335	17.5	11.3	14.4	17.3	13.8	15.6	16.0	15.1	15.6
2	336	16.9	11.2	14.1	16.0	14.0	15.0	17.0	14.9	16.0
3	337	15.9	11.8	13.9	15.0	11.5	13.3	16.0	15.6	15.8
4	338	16.5	11.1	13.8	14.8	11.7	13.3	15.2	14.0	14.6
5	339	15.1	10.0	12.6	14.1	11.0	12.6	15.0	13.9	14.5
6	340	16.1	9.0	12.5	14.3	10.2	12.3	15.1	13.5	14.3
7	341	18.1	7.7	12.9	16.5	9.9	13.2	15.8	12.9	14.4
8	342	16.0	9.2	12.6	15.0	11.0	13.0	15.0	13.5	14.3
9	343	16.9	9.0	13.0	15.6	11.0	13.3	15.0	13.7	14.4
10	344	17.0	8.8	12.9	15.8	11.0	13.4	15.7	13.7	14.7
11	345	14.5	5.5	10.0	13.2	8.2	10.7	13.3	11.9	12.6
12	346	13.5	6.0	9.8	12.9	8.5	10.7	13.0	11.8	12.4
13	347	13.9	9.5	11.7	13.2	10.7	12.0	13.5	12.6	13.1
14	348	15.5	10.0	12.8	14.5	11.1	12.8	14.0	12.6	13.3
15	349	15.2	7.0	11.1	14.0	9.0	11.5	13.2	11.8	12.5
16	350	15.2	7.0	11.1	14.0	9.3	11.7	13.0	11.8	12.4
17	351	16.0	10.0	13.0	15.0	11.0	13.0	14.5	12.2	13.4
18	352	16.0	8.8	12.4	14.5	10.5	12.5	15.8	12.2	14.0
19	353	13.8	5.9	9.9	12.5	8.5	10.5	12.8	12.0	12.4
20	354	13.2	8.3	10.8	12.9	10.0	11.5	13.2	12.0	12.6
21	355	15.0	10.0	12.5	14.0	10.9	12.5	13.2	12.1	12.7
22	356	13.5	9.9	11.7	12.9	10.9	11.9	12.7	11.6	12.2
23	357	15.0	9.0	12.0	13.5	10.0	11.8	13.0	11.6	12.3
24	358	11.0	9.0	10.0	11.2	10.1	10.7	12.3	11.9	12.1
25	359	10.3	3.7	7.0	10.0	6.4	8.2	10.9	9.8	10.4
26	360	10.3	3.5	6.9	10.0	6.1	8.1	10.3	9.4	9.9
27	361	9.2	2.8	6.0	9.0	5.3	7.2	9.8	8.5	9.2
28	362	8.6	3.9	6.3	8.7	6.0	7.4	9.8	8.5	9.2
29	363	10.8	8.6	9.7	10.0	6.0	8.0	10.1	9.0	9.6
30	364	10.4	3.0	6.7	9.6	5.5	7.6	10.0	8.5	9.3
31	365	11.2	3.0	7.1	10.3	5.5	7.9	10.5	8.5	9.5
Mean		14.1	7.9	11.0	13.2	9.5	11.4	13.4	12.0	12.7
Abs. Max.		18.1	11.8	14.4	17.3	14.0	15.6	17.0	15.6	16.0
Abs. Min.		8.6	2.8	6.0	8.7	5.3	7.2	9.8	8.5	9.2

**TEL HADYA - DAILY SOIL TEMPERATURE
JANUARY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	1	10.9	3.1	7.0	9.9	5.3	7.6	10.0	8.1	9.1
2	2	12.9	3.9	8.4	11.0	6.0	8.5	10.9	8.5	9.7
3	3	9.1	5.4	7.3	8.8	6.8	7.8	8.3	8.2	8.3
4	4	11.0	8.0	9.5	10.0	8.0	9.0	9.2	8.2	8.7
5	5	11.3	5.8	8.6	10.0	7.1	8.6	8.8	7.9	8.4
6	6	11.0	6.8	8.9	10.0	7.1	8.6	8.9	8.0	8.5
7	7	12.9	6.6	9.8	12.1	7.0	9.6	11.0	8.0	9.5
8	8	10.0	8.0	9.0	9.7	8.5	9.1	11.7	9.4	10.6
9	9	10.1	8.3	9.2	9.8	8.6	9.2	10.8	10.4	10.6
10	10	12.1	8.0	10.1	10.8	8.2	9.5	11.0	10.2	10.6
11	11	13.0	5.5	9.3	12.0	6.6	9.3	12.3	9.9	11.1
12	12	12.0	5.0	8.5	11.0	6.7	8.9	12.0	10.3	11.2
13	13	11.8	4.3	8.1	10.9	6.3	8.6	11.7	10.3	11.0
14	14	12.0	4.0	8.0	11.0	6.0	8.5	11.9	10.2	11.1
15	15	12.0	5.4	8.7	11.0	7.0	9.0	11.9	10.2	11.1
16	16	10.4	6.0	8.2	10.0	7.2	8.6	10.5	10.2	10.4
17	17	11.4	7.5	9.5	11.4	8.0	9.7	11.0	10.0	10.5
18	18	12.0	9.3	10.7	11.0	9.4	10.2	11.5	10.9	11.2
19	19	10.5	7.8	9.2	9.5	7.3	8.4	10.4	9.5	10.0
20	20	9.6	8.0	8.8	9.0	8.1	8.6	10.3	10.0	10.2
21	21	12.0	8.5	10.3	11.0	8.6	9.8	11.3	10.0	10.7
22	22	12.0	8.0	10.0	10.3	8.2	9.3	10.6	8.7	9.7
23	23	10.9	6.0	8.5	9.7	7.2	8.5	10.0	9.3	9.7
24	24	9.0	3.5	6.3	8.1	5.7	6.9	8.9	8.2	8.6
25	25	11.8	2.9	7.4	9.9	5.0	7.5	10.1	7.4	8.8
26	26	9.5	4.0	6.8	8.5	5.9	7.2	9.3	8.5	8.9
27	27	10.8	4.3	7.6	9.2	5.0	7.1	9.8	8.0	8.9
28	28	10.5	4.0	7.3	9.5	5.2	7.4	10.0	8.0	9.0
29	29	7.0	6.0	6.5	7.0	6.8	6.9	8.2	7.9	8.1
30	30	6.8	5.5	6.2	6.7	6.0	6.4	7.8	7.5	7.7
31	31	9.0	5.5	7.3	8.1	6.0	7.1	8.5	7.5	8.0
Mean		10.8	6.0	8.4	9.9	6.9	8.4	10.3	9.0	9.7
Abs.Max.		13.0	9.3	10.7	12.1	9.4	10.2	12.3	10.9	11.2
Abs.Min.		6.8	2.9	6.2	6.7	5.0	6.4	7.8	7.4	7.7

**TEL HADYA - DAILY SOIL TEMPERATURE
FEBRUARY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	32	9.0	5.0	7.0	8.5	6.2	7.4	9.0	8.3	8.7
2	33	9.8	5.0	7.4	8.8	6.0	7.4	9.0	8.0	8.5
3	34	9.2	7.2	8.2	8.7	7.1	7.9	9.0	8.5	8.8
4	35	8.0	3.3	5.7	8.0	5.1	6.6	9.3	8.2	8.8
5	36	8.0	3.6	5.8	7.8	5.5	6.7	8.9	8.1	8.5
6	37	8.0	4.9	6.5	7.7	6.0	6.9	8.7	8.0	8.5
7	38	10.7	5.5	8.1	9.2	6.4	7.8	8.4	8.3	8.4
8	39	11.5	3.9	7.7	10.0	5.3	7.7	10.0	7.3	8.7
9	40	11.0	4.0	7.5	9.5	5.9	7.7	9.8	8.4	9.1
10	41	11.9	4.0	8.0	11.2	5.7	8.5	10.3	8.4	9.4
11	42	13.5	5.0	9.3	10.9	6.4	8.7	9.1	8.8	9.0
12	43	13.5	4.1	8.8	11.4	5.2	8.3	10.0	8.2	9.1
13	44	9.9	5.9	7.9	9.1	7.0	8.1	9.2	8.4	8.8
14	45	12.6	4.6	8.6	10.9	6.1	8.5	10.0	8.1	9.1
15	46	11.0	5.9	8.5	9.9	7.0	8.5	9.7	8.5	9.1
16	47	9.0	8.0	8.5	8.3	8.1	8.2	8.0	7.5	7.8
17	48	10.6	6.0	8.3	8.9	6.2	7.6	8.0	6.8	7.4
18	49	14.0	6.0	10.0	12.1	6.3	9.2	10.2	7.0	8.6
19	50	13.8	8.5	11.2	11.3	8.6	10.0	10.3	9.0	9.7
20	51	15.0	9.4	12.2	12.4	9.0	10.7	11.0	9.4	10.2
21	52	16.9	7.5	12.2	14.9	8.3	11.6	13.1	10.0	11.6
22	53	14.2	7.5	10.9	12.3	8.5	10.4	12.0	11.1	11.6
23	54	14.0	9.2	11.6	12.3	10.0	11.2	12.3	11.1	11.7
24	55	17.0	9.6	13.3	14.2	10.2	12.2	12.6	11.7	12.2
25	56	11.0	10.3	10.7	11.0	10.9	11.0	11.3	9.4	10.4
26	57	12.4	8.8	10.6	11.3	9.0	10.2	10.4	9.4	9.9
27	58	12.3	7.3	9.8	11.5	8.3	9.9	11.5	9.4	10.5
28	59	13.0	8.5	10.8	11.8	9.0	10.4	11.6	10.4	11.0
Mean		11.8	6.4	9.1	10.5	7.3	8.9	10.1	8.8	9.5
Abs. Max.		17.0	10.3	13.3	14.9	10.9	12.2	13.1	11.7	12.2
Abs. Min.		8.0	3.3	5.7	7.7	5.1	6.6	8.0	6.8	7.4

**TEL HADYA - DAILY SOIL TEMPERATURE
MARCH 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	60	15.0	6.3	10.7	13.4	7.9	10.7	12.7	10.0	11.4
2	61	16.0	9.3	12.7	14.0	10.2	12.1	13.0	11.5	12.3
3	62	17.6	8.3	13.0	15.0	9.7	12.4	13.7	11.2	12.5
4	63	16.5	9.0	12.8	14.9	10.0	12.5	14.0	12.8	13.4
5	64	12.8	11.2	12.0	12.3	11.5	11.9	12.9	12.5	12.7
6	65	14.0	7.9	11.0	13.2	9.3	11.3	13.0	11.9	12.5
7	66	13.8	6.6	10.2	12.5	8.3	10.4	12.4	11.3	11.9
8	67	13.0	8.8	10.9	12.0	9.7	10.9	12.0	11.3	11.7
9	68	13.2	8.0	10.6	12.6	9.7	11.2	12.3	11.4	11.9
10	69	13.0	4.3	8.7	11.8	7.0	9.4	11.3	10.2	10.8
11	70	10.8	7.0	8.9	11.8	8.4	8.9	11.7	10.5	11.1
12	71	15.0	8.0	11.5	13.3	9.0	11.2	12.9	11.0	12.0
13	72	15.5	9.3	12.4	13.7	10.0	11.9	12.9	11.3	12.1
14	73	14.0	8.1	11.1	12.1	9.0	10.6	11.9	10.7	11.3
15	74	17.5	9.1	13.3	15.0	10.0	12.5	13.5	11.0	12.3
16	75	13.4	9.0	11.2	12.3	10.0	11.2	12.5	12.2	12.4
17	76	11.3	9.4	10.4	11.0	10.2	10.6	11.7	11.0	11.4
18	77	12.1	9.1	10.6	11.6	9.8	10.7	12.2	11.0	11.6
19	78	16.4	10.6	13.5	15.0	10.8	12.9	13.6	11.1	12.4
20	79	19.3	10.0	14.7	16.5	10.6	13.6	14.0	11.5	12.8
21	80	18.9	11.5	15.2	16.3	12.2	13.8	13.5	13.0	13.3
22	81	15.3	13.0	14.2	15.0	13.5	14.3	14.8	14.2	14.5
23	82	17.6	12.5	15.1	15.9	12.3	14.1	14.8	13.2	14.0
24	83	18.9	13.0	16.0	16.6	13.0	14.8	15.6	13.9	14.8
25	84	24.1	12.5	18.3	20.9	13.0	17.0	17.3	14.8	16.1
26	85	23.8	13.5	18.7	20.7	14.8	17.8	17.9	15.3	16.6
27	86	24.0	13.1	18.6	21.0	15.0	18.0	18.3	15.8	17.1
28	87	23.7	13.0	18.4	21.0	14.9	18.0	18.5	16.3	17.4
29	88	22.8	15.1	19.0	21.0	16.2	18.6	18.7	17.0	17.9
30	89	25.0	15.0	20.0	21.9	16.0	19.0	19.2	17.0	18.1
31	90	23.8	15.0	19.4	21.0	15.9	15.8	19.0	17.2	18.1
Mean		17.0	10.2	13.6	15.3	11.2	13.2	14.3	12.7	13.5
Abs.Max.		25.0	15.1	20.0	21.9	16.2	19.0	19.2	17.2	18.1
Abs.Min.		10.8	4.3	8.7	11.0	7.0	8.9	11.3	10.0	10.8

**TEL HADYA - DAILY SOIL TEMPERATURE
APRIL 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	91	23.6	14.3	19.0	21.4	15.6	18.5	19.0	16.8	17.9
2	92	21.0	15.7	18.4	19.7	16.7	18.2	18.1	17.3	17.7
3	93	20.8	14.1	17.5	19.7	15.8	17.8	18.0	16.8	17.4
4	94	19.1	14.0	16.6	17.9	15.2	16.6	16.9	16.0	16.5
5	95	22.0	12.9	17.5	20.1	14.4	17.3	18.2	15.7	17.0
6	96	22.2	13.8	18.0	19.9	15.1	17.5	18.0	16.5	17.3
7	97	25.0	12.1	18.6	22.0	14.1	18.1	19.7	15.8	17.8
8	98	19.3	15.3	17.3	18.9	16.4	17.7	18.0	17.5	17.8
9	99	16.9	11.5	14.2	16.2	13.3	14.8	15.9	15.0	15.5
10	100	16.8	9.9	13.4	15.0	11.0	13.0	14.6	12.9	13.8
11	101	17.0	11.0	14.0	15.7	12.0	13.9	15.1	13.1	14.1
12	102	19.0	10.0	14.5	16.8	12.0	14.4	15.8	13.8	14.8
13	103	23.8	10.3	17.1	20.0	12.5	16.3	17.3	14.2	15.8
14	104	26.8	13.9	20.4	23.0	15.2	19.1	19.8	16.1	18.0
15	105	18.7	13.3	16.0	18.2	14.8	16.5	18.0	15.8	16.9
16	106	21.9	13.3	17.6	20.0	14.8	17.4	18.1	15.8	17.0
17	107	21.9	12.1	17.0	19.0	14.1	16.6	17.5	15.5	16.5
18	108	24.0	11.9	18.0	20.4	13.9	17.2	18.1	15.5	16.8
19	109	26.0	13.3	19.7	22.9	15.1	19.0	20.2	16.5	18.4
20	110	24.8	15.9	20.4	21.3	17.0	19.2	20.0	18.1	19.1
21	111	26.8	16.1	21.5	23.0	17.3	20.2	20.9	17.8	19.4
22	112	27.5	14.5	21.0	23.8	16.5	20.2	21.0	18.1	19.6
23	113	26.2	15.8	21.0	23.0	17.2	20.1	20.7	18.5	19.6
24	114	27.2	16.4	21.8	23.8	18.0	20.9	21.3	19.0	20.2
25	115	26.5	16.0	21.3	23.2	17.7	20.5	21.0	18.8	19.9
26	116	28.8	15.0	21.9	24.9	17.0	21.0	22.1	18.5	20.3
27	117	28.3	14.8	21.6	24.2	17.0	20.6	21.7	19.0	20.4
28	118	28.9	14.9	21.9	25.0	17.0	21.0	21.8	19.0	20.4
29	119	26.4	16.8	21.6	24.0	18.4	21.2	21.8	19.1	20.5
30	120	27.3	19.5	23.4	24.4	20.5	22.5	21.8	20.6	21.2
Mean		23.5	13.9	18.7	20.9	15.5	18.2	19.0	16.8	17.9
Abs. Max.		28.9	19.5	23.4	25.0	20.5	22.5	22.1	20.6	21.2
Abs. Min.		16.8	9.9	13.4	15.0	11.0	13.0	14.6	12.9	13.8

**TEL HADYA - DAILY SOIL TEMPERATURE
MAY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	121	20.2	19.1	19.7	19.9	19.5	19.7	18.8	18.0	18.4
2	122	24.9	13.0	19.0	21.4	15.0	18.2	18.8	16.6	17.7
3	123	29.7	13.3	21.5	25.1	15.2	20.2	21.2	16.5	18.9
4	124	30.9	15.8	23.4	26.9	17.8	22.4	21.9	18.9	20.4
5	125	33.2	16.0	24.6	29.0	17.9	23.5	22.9	19.3	21.1
6	126	32.2	19.7	26.0	28.0	21.0	24.5	24.4	21.9	23.2
7	127	32.4	16.8	24.6	28.0	18.2	23.1	24.2	21.8	23.0
8	128	29.0	18.9	24.0	25.9	19.3	22.6	23.5	21.7	22.7
9	129	29.1	17.5	23.3	26.0	18.3	22.2	23.9	21.3	22.6
10	130	31.0	16.1	23.6	26.7	17.1	21.9	24.0	21.0	22.5
11	131	30.7	18.3	24.5	26.0	18.0	22.3	24.0	21.5	22.8
12	132	31.9	18.4	25.2	27.3	18.8	23.1	25.3	21.9	23.6
13	133	27.5	19.2	23.4	25.9	20.0	23.0	24.0	22.5	23.3
14	134	30.9	17.4	24.2	27.5	19.5	23.5	24.3	21.8	23.1
15	135	27.8	19.4	23.6	25.3	20.9	23.1	23.7	21.0	22.4
16	136	25.1	19.0	22.1	23.0	20.0	21.5	21.9	21.0	21.5
17	137	26.0	15.5	20.8	23.9	17.2	20.6	21.7	19.7	20.7
18	138	29.2	15.5	22.4	25.8	17.2	21.5	22.5	19.6	21.1
19	139	31.9	15.2	23.6	27.8	17.8	22.8	24.4	20.1	22.3
20	140	34.0	19.9	27.0	30.0	20.8	25.4	25.8	22.0	23.9
21	141	26.7	19.0	22.9	25.0	20.9	23.0	23.0	22.0	22.5
22	142	24.0	16.8	20.4	21.8	19.0	20.4	20.2	18.2	19.2
23	143	28.0	13.9	20.9	24.7	15.9	20.3	22.5	18.2	20.4
24	144	34.6	14.1	24.4	29.0	19.2	24.1	24.3	21.0	22.7
25	145	34.2	19.0	26.6	28.3	19.2	23.8	24.1	21.0	22.6
26	146	33.9	19.6	26.8	29.3	20.0	24.7	25.1	21.8	23.5
27	147	31.0	19.0	25.0	27.0	19.8	23.4	24.0	21.7	22.9
28	148	30.2	18.5	24.4	26.0	18.6	22.3	22.7	20.5	21.6
29	149	23.3	16.8	20.1	21.0	17.8	19.4	21.0	20.0	20.5
30	150	27.8	16.6	22.2	23.3	16.5	19.9	20.7	18.2	19.5
31	151	31.0	15.5	23.3	26.0	16.1	21.1	22.5	18.5	20.5
Mean		29.4	17.2	23.3	25.8	18.5	22.2	22.9	20.3	21.6
Abs. Max.		34.6	19.9	27.0	30.0	21.0	25.4	25.8	22.5	23.9
Abs. Min.		20.2	13.0	19.0	19.9	15.0	18.2	18.8	16.5	17.7

**TEL HADYA - DAILY SOIL TEMPERATURE
JUNE 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	152	31.3	15.9	23.6	26.0	16.8	21.4	22.5	19.0	20.8
2	153	32.0	18.4	25.2	28.4	18.5	23.5	24.3	20.0	22.8
3	154	34.5	20.0	27.3	30.8	21.0	25.9	26.0	21.9	22.8
4	155	34.1	20.3	27.2	30.2	22.3	26.3	26.0	23.2	24.6
5	156	34.0	22.0	28.0	30.5	23.6	27.1	26.2	24.0	25.1
6	157	34.0	22.8	28.4	30.7	24.0	27.4	26.2	24.0	25.1
7	158	36.0	22.9	29.5	31.9	24.0	28.0	27.2	23.9	25.6
8	159	37.5	22.1	29.8	32.5	23.9	28.2	27.3	24.2	25.8
9	160	37.7	21.9	29.8	32.6	24.0	28.3	27.6	24.9	26.3
10	161	35.9	23.0	29.5	32.4	24.8	28.6	28.0	25.0	26.5
11	162	34.8	23.1	29.0	31.0	24.8	27.9	27.0	24.8	25.9
12	163	37.8	22.8	30.2	33.0	24.2	28.6	27.9	24.9	26.4
13	164	38.5	23.5	31.0	33.4	25.0	29.2	28.2	25.5	26.8
14	165	40.5	23.3	31.9	34.0	25.1	29.6	29.4	25.7	27.6
15	166	39.8	24.5	32.2	33.8	25.7	29.8	29.0	26.3	27.7
16	167	41.0	24.7	32.9	35.0	25.7	30.4	29.9	26.5	28.2
17	168	41.3	25.8	28.7	35.0	26.0	33.6	31.0	26.9	29.0
18	169	41.0	24.8	29.6	35.0	26.0	30.5	30.0	27.0	28.5
19	170	41.7	25.0	33.4	35.3	26.2	30.8	31.1	27.2	29.2
20	171	41.3	25.2	33.3	35.4	26.4	30.9	30.2	27.3	28.8
21	172	40.5	27.0	33.8	34.5	26.3	30.4	29.8	27.0	28.4
22	173	40.2	25.6	32.9	34.3	26.1	30.2	29.4	27.0	28.2
23	174	43.5	25.8	34.7	36.5	26.8	31.7	31.2	27.2	29.2
24	175	43.9	27.5	35.7	36.5	27.0	31.8	31.3	28.2	29.8
25	176	41.3	27.0	34.2	35.4	27.3	31.4	30.9	28.2	29.6
26	177	38.4	26.5	32.5	33.2	26.9	30.1	30.2	27.9	29.1
27	178	37.9	25.0	31.5	33.8	25.6	29.7	29.5	27.0	28.3
28	179	40.5	25.0	32.8	34.8	25.4	30.1	30.0	26.0	28.0
29	180	41.3	26.3	33.8	35.1	26.3	30.7	30.0	27.3	28.7
30	181	41.3	26.0	33.7	35.4	26.5	31.0	30.5	27.9	29.2
Mean		38.5	23.8	30.9	33.2	24.7	29.1	28.6	25.5	27.1
Abs. Max.		43.9	27.5	35.7	36.5	27.3	33.6	31.3	28.2	29.8
Abs. Min.		31.3	15.9	23.6	26.0	16.8	21.4	22.5	19.0	20.8

**TEL HADYA - DAILY SOIL TEMPERATURE
JULY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	182	38.5	26.0	32.3	33.8	26.8	30.3	31.4	27.4	29.4
2	183	38.5	27.0	32.8	34.5	27.0	30.8	31.6	27.4	29.5
3	184	38.7	25.7	32.2	34.5	27.0	30.8	31.1	29.0	30.1
4	185	40.8	24.7	32.2	36.0	26.2	30.8	31.9	28.3	30.1
5	186	39.4	25.0	32.2	35.0	26.3	30.7	30.2	28.2	29.2
6	187	36.7	25.5	27.1	33.1	26.6	29.9	28.7	27.0	27.9
7	188	37.3	25.0	31.2	33.6	26.2	29.9	29.0	26.4	27.7
8	189	38.4	25.0	31.7	34.3	26.4	30.4	29.4	27.0	28.2
9	190	37.0	25.2	31.1	33.5	26.3	29.9	29.0	26.8	27.9
10	191	38.0	25.0	31.5	34.0	26.3	30.2	29.2	26.8	28.0
11	192	40.7	24.0	32.4	35.9	26.0	31.0	30.1	27.1	28.6
12	193	42.5	25.0	33.8	37.0	27.0	32.0	31.0	27.6	29.3
13	194	40.2	25.6	32.9	35.3	27.1	31.2	30.3	28.1	29.2
14	195	42.8	26.0	34.4	36.5	27.7	32.1	30.9	28.2	29.6
15	196	39.8	26.8	33.3	35.0	27.3	31.2	30.2	27.5	28.9
16	197	38.4	26.5	32.5	33.9	26.6	30.3	29.2	27.0	28.1
17	198	39.2	25.8	32.5	34.3	26.5	30.4	29.1	26.8	28.0
18	199	38.1	26.5	32.3	34.9	26.7	30.8	30.5	26.8	28.7
19	200	38.5	26.0	32.3	35.3	27.6	31.5	31.0	28.1	29.6
20	201	43.0	26.4	34.7	38.0	27.8	32.9	32.2	28.3	30.3
21	202	40.8	27.0	33.9	35.3	28.6	32.0	30.2	29.8	30.0
22	203	40.0	28.0	34.0	35.0	28.7	31.9	30.5	29.0	29.8
23	204	40.8	27.8	34.3	35.3	27.6	31.5	35.5	28.0	31.8
24	205	40.0	27.9	34.0	35.0	27.6	31.3	30.4	28.0	29.2
25	206	39.0	27.0	33.6	34.0	27.2	29.1	30.4	28.0	29.2
26	207	38.0	27.5	32.8	33.7	27.2	30.5	29.7	27.9	28.8
27	208	40.1	27.0	33.6	35.0	27.2	31.1	30.4	27.7	29.1
28	209	40.4	27.0	33.7	35.3	27.5	31.4	30.0	28.1	29.1
29	210	39.9	27.0	33.5	35.2	27.5	31.4	30.4	28.0	29.2
30	211	37.2	26.5	31.9	33.0	26.7	29.9	29.0	27.3	28.2
31	212	36.7	26.3	31.5	32.3	26.0	29.2	28.5	26.8	27.7
Mean		39.3	26.2	32.7	34.8	27.0	30.9	30.4	27.7	29.0
Abs.Max.		43.0	28.0	34.7	38.0	28.7	32.9	35.5	29.8	31.8
Abs.Min.		36.7	24.0	27.1	32.3	26.0	29.1	28.5	26.4	27.7

**TEL HADYA - DAILY SOIL TEMPERATURE
AUGUST 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	213	38.8	25.7	32.3	33.7	26.0	29.9	29.2	26.8	28.0
2	214	42.0	26.4	34.2	36.0	26.8	31.4	31.0	27.2	29.1
3	215	40.0	26.9	33.5	34.9	27.1	31.0	30.2	28.1	29.2
4	216	40.0	26.8	33.4	35.1	27.1	31.1	30.5	27.7	29.1
5	217	38.4	26.5	32.5	34.0	27.0	30.5	29.8	27.6	28.8
6	218	39.8	26.9	33.4	36.3	26.9	31.6	31.5	27.2	29.4
7	219	41.0	27.4	34.2	37.0	28.5	32.8	32.2	29.0	30.6
8	220	41.5	26.8	34.2	37.5	28.5	33.0	32.5	30.0	31.3
9	221	41.0	26.4	33.7	37.0	28.3	32.7	32.3	29.8	31.1
10	222	38.8	27.8	33.3	35.5	29.1	32.3	31.9	30.0	31.0
11	223	40.4	27.0	33.7	35.6	28.5	32.1	31.9	29.3	30.6
12	224	43.2	26.0	34.6	37.1	27.1	32.1	31.5	28.3	29.9
13	225	43.6	27.1	35.4	37.2	27.8	32.5	31.6	28.8	30.2
14	226	41.0	26.6	33.8	35.5	27.5	31.5	31.0	28.8	29.9
15	227	38.3	27.7	33.0	33.7	28.0	30.9	30.0	28.2	29.1
16	228	40.5	27.1	33.8	35.7	27.5	31.6	30.8	28.0	29.5
17	229	38.9	28.0	33.5	34.3	27.7	31.0	30.4	27.8	29.1
18	230	39.0	27.9	33.5	34.2	27.9	31.1	30.2	28.2	29.2
19	231	40.0	28.0	34.0	35.1	28.5	31.8	30.6	29.2	29.9
20	232	39.9	27.5	33.7	34.3	27.5	30.9	35.0	27.7	31.4
21	233	40.0	27.0	33.5	35.0	27.4	30.1	30.5	27.9	30.2
22	234	39.3	28.0	33.7	34.8	27.9	31.4	30.2	28.3	29.3
23	235	39.2	27.0	33.1	34.3	27.2	30.8	30.6	28.0	29.3
24	236	40.8	27.1	34.0	35.0	27.1	31.1	30.7	28.0	29.4
25	237	41.0	26.6	33.8	36.0	27.1	31.5	32.0	28.2	30.1
26	238	40.9	25.8	33.4	35.7	26.5	31.1	31.3	28.0	29.7
27	239	39.7	25.8	32.8	35.7	26.5	31.2	31.3	27.5	29.5
28	240	38.0	26.7	32.4	33.7	27.0	30.4	29.2	27.5	28.4
29	241	38.6	25.7	32.2	33.9	26.3	30.1	29.9	27.0	28.5
30	242	39.0	25.7	28.9	34.0	26.0	32.4	30.0	27.0	28.5
31	243	39.0	24.8	31.9	33.9	25.8	29.9	28.5	27.0	27.8
Mean		40.1	26.8	33.3	35.2	27.4	31.3	30.9	28.1	29.9
Abs. Max.		43.6	28.0	35.4	37.5	29.1	33.0	35.0	30.0	39.2
Abs. Min.		38.0	24.8	28.9	33.7	25.8	29.9	28.5	26.8	27.8

**TEL HADYA - DAILY EVAPORATION
SEPTEMBER 1990**

Day	Jul. Day	Evap. Pan Class A mm	Evap. GGI-3000 mm	Evap. Pan A (Mesh) mm	Evap. A-size Sunk+M mm	Evap. Wild Scales mm	Evap. Piche mm
1	244	15.4	12.3	13.9	11.8	12.4	13.9
2	245	16.2	13.2	12.7	11.4	11.8	11.8
3	246	14.9	13.6	12.9	9.6	13.6	13.3
4	247	14.9	14.7	14.0	10.3	13.4	13.0
5	248	12.2	12.8	11.3	8.9	10.5	9.4
6	249	14.2	15.3	11.3	10.2	9.8	10.1
7	250	10.9	10.0	9.5	8.6	9.0	8.5
8	251	10.1	7.4	8.4	6.7	8.4	8.6
9	252	15.0	12.9	12.9	11.0	9.2	12.5
10	253	13.8	12.2	11.2	9.9	11.0	11.4
11	254	12.3	12.3	11.0	9.7	10.2	10.3
12	255	11.8	11.8	10.0	9.6	10.0	10.0
13	256	11.9	11.8	11.5	9.5	11.3	9.9
14	257	11.1	13.5	12.2	9.8	10.0	10.6
15	258	10.3	9.6	8.5	7.9	8.9	9.1
16	259	9.4	10.5	8.1	7.2	7.9	8.9
17	260	12.2	12.0	10.5	9.8	10.8	11.9
18	261	11.3	11.6	9.9	8.3	9.7	9.6
19	262	11.3	12.1	10.9	9.5	9.4	9.3
20	263	10.5	11.3	9.3	8.1	8.8	8.6
21	264	7.5	7.0	7.2	6.1	6.8	6.4
22	265	8.5	9.0	7.0	6.3	8.0	8.3
23	266	9.3	8.3	8.8	7.0	9.2	9.1
24	267	11.6	11.5	10.1	8.3	10.0	10.7
25	268	11.7	12.1	10.5	9.2	10.8	11.8
26	269	9.1	8.7	7.9	6.8	7.4	8.2
27	270	9.0	8.4	8.0	7.0	8.4	8.9
28	271	10.9	11.1	9.5	8.3	10.3	11.0
29	272	10.8	9.4	9.3	7.7	11.2	10.2
30	273	11.9	12.0	10.4	9.0	9.2	11.0
Mean		11.7	11.3	10.3	8.8	9.9	10.2
Abs. Max.		16.2	15.3	14.0	11.8	13.6	13.9
Abs. Min.		7.5	7.0	7.0	6.1	6.8	6.4

**TEL HADYA - DAILY EVAPORATION
OCTOBER 1990**

Day	Jul. Day	Evap. Pan Class A mm	Evap. GGI- 3000 mm	Evap. Pan A (Mesh) mm	Evap. A-size Sunk+M mm	Evap. Wild Scales mm	Evap. Piche mm
1	274	9.1	8.6	8.5	7.1	8.4	9.0
2	275	7.3	7.0	6.4	5.5	5.8	6.2
3	276	7.5	7.0	6.8	6.1	6.1	6.4
4	277	7.7	7.4	6.8	6.0	7.6	6.4
5	278	7.6	7.7	7.3	5.2	6.7	7.1
6	279	9.1	9.7	8.5	7.1	10.0	9.8
7	280	6.2	7.5	7.6	6.2	8.9	7.9
8	281	7.6	7.2	7.0	5.5	7.8	7.9
9	282	9.6	10.4	8.7	7.2	8.3	8.8
10	283	10.8	11.9	10.2	8.2	11.4	11.4
11	284	8.9	9.8	10.2	6.8	8.8	8.3
12	285	10.3	9.7	8.2	8.0	8.9	10.3
13	286	8.7	12.2	8.3	7.5	9.4	11.1
14	287	8.4	9.8	7.8	6.7	7.3	8.8
15	288	10.1	10.6	9.1	7.5	11.8	9.2
16	289	11.0	10.8	9.8	8.0	12.8	10.1
17	290	11.0	11.1	10.1	8.3	14.2	10.9
18	291	8.3	7.8	7.5	5.5	11.5	9.8
19	292	7.5	8.0	6.9	5.4	8.4	8.0
20	293	6.3	5.2	5.8	4.9	6.7	6.2
21	294	8.0	7.3	7.1	5.5	8.8	7.5
22	295	5.9	5.0	5.0	4.3	5.6	5.7
23	296	7.9	7.8	7.6	5.8	6.3	5.9
24	297	6.9	11.4	5.8	3.9	7.1	6.5
25	298	7.1	8.0	5.9	5.0	5.8	6.2
26	299	4.7	3.4	4.0	2.9	3.3	3.5
27	300	4.1	2.5	3.6	3.2	3.3	3.3
28	301	2.3	2.4	1.8	1.7	1.0	0.5
29	302	3.9	3.8	3.5	3.0	3.2	2.5
30	303	4.6	4.4	4.2	3.6	4.1	4.0
31	304	5.4	5.1	4.8	3.7	4.8	5.0
Mean		7.5	7.8	6.9	5.6	7.6	7.2
Abs. Max.		11.0	12.2	10.2	8.3	14.2	11.4
Abs. Min.		2.3	2.4	1.8	1.7	1.0	0.5

**TEL HADYA - DAILY EVAPORATION
NOVEMBER 1990**

Day	Jul. Day	Evap. Pan Class A mm	Evap. GGI- 3000 mm	Evap. Pan A (Mesh) mm	Evap. A-size Sunk+M mm	Evap. Wild Scales mm	Evap. Piche mm
1	305	5.7	6.0	4.8	4.7	4.9	4.6
2	306	5.2	4.4	4.5	4.0	4.8	4.5
3	307	4.1	4.3	4.3	3.1	3.7	3.7
4	308	5.9	6.2	4.8	4.3	6.5	4.6
5	309	5.6	6.0	4.9	4.9	5.7	5.6
6	310	5.7	5.0	4.9	3.3	5.2	6.0
7	311	3.2	3.6	2.6	2.5	4.5	4.2
8	312	2.5	3.5	2.6	1.9	2.4	2.5
9	313	4.7	1.9	3.8	3.2	3.0	3.2
10	314	2.1	2.4	2.6	2.9	2.0	2.2
11	315	3.1	4.0	2.6	2.6	1.9	2.2
12	316	2.9	3.0	2.2	1.4	1.9	7.8
13	317	3.2	4.9	2.8	2.5	2.4	2.5
14	318	3.8	3.8	3.1	2.3	3.4	3.2
15	319	3.6	3.7	3.5	2.6	4.0	3.5
16	320	4.9	4.5	4.3	3.5	4.1	4.5
17	321	3.4	2.5	3.1	2.6	2.5	2.7
18	322	3.6	3.6	2.4	2.4	2.8	2.9
19	323	1.8	1.6	1.6	1.1	2.3	2.6
20	324	6.1	5.8	5.9	4.2	6.6	6.1
21	325	3.7	3.4	3.2	2.7	3.4	4.2
22	326	3.8	3.5	3.4	2.7	4.4	4.0
23	327	4.3	4.0	4.0	2.7	3.5	3.7
24	328	4.5	3.6	3.2	2.5	4.8	5.0
25	329	3.5	3.2	2.5	2.0	3.2	4.1
26	330	3.1	1.8	2.7	2.2	3.3	3.6
27	331	3.3	3.3	2.8	1.7	3.8	4.2
28	332	2.5	2.8	2.1	1.9	2.1	2.5
29	333	3.1	3.7	2.8	2.1	3.9	3.4
30	334	3.9	4.0	3.6	2.9	4.0	4.1
Mean		3.9	3.8	3.4	2.8	3.7	3.9
Abs.Max.		6.1	6.2	5.9	4.9	6.6	7.8
Abs.Min.		1.8	1.6	1.6	1.1	1.9	2.2

**TEL HADYA - DAILY EVAPORATION
DECEMBER 1990**

Day	Jul. Day	Evap. Pan Class A mm	Evap. GGI- 3000 mm	Evap. Pan A (Mesh) mm	Evap. A-size Sunk+M mm	Evap. Wild Scales mm	Evap. Piche mm
1	335	4.6	3.9	3.6	2.7	4.3	3.4
2	336	3.0	3.5	2.5	2.4	3.7	3.1
3	337	2.3	3.3	2.6	1.9	2.6	2.7
4	338	2.4	0.4	2.1	0.9	0.9	0.7
5	339	2.7	1.5	2.0	1.7	1.8	1.3
6	340	2.4	1.9	2.0	1.8	1.2	1.5
7	341	2.4	2.6	2.2	1.9	2.2	1.6
8	342	1.5	1.5	1.0	0.9	1.2	1.5
9	343	2.2	1.8	1.6	1.3	1.4	1.5
10	344	2.0	2.2	1.8	1.6	1.7	2.1
11	345	2.0	2.8	1.9	1.7	2.6	2.3
12	346	4.5	4.3	3.9	3.3	5.4	4.9
13	347	3.6	3.8	3.5	2.1	4.1	3.5
14	348	2.4	2.2	2.2	1.8	1.8	1.9
15	349	1.8	2.0	1.4	1.2	1.8	1.4
16	350	1.8	2.1	1.4	1.2	2.0	1.8
17	351	3.1	3.0	2.9	2.1	3.3	3.0
18	352	2.2	1.8	2.0	1.4	1.7	1.8
19	353	2.5	2.5	2.2	1.3	2.2	2.1
20	354	1.5	2.0	1.2	1.0	2.2	1.8
21	355	1.2	1.3	1.1	0.8	0.7	0.8
22	356	0.8	1.1	0.7	0.5	0.2	0.2
23	357	1.1	0.8	1.1	0.9	1.4	1.0
24	358	1.2	1.4	1.2	0.9	0.4	0.7
25	359	1.6	2.3	1.2	1.0	1.2	1.7
26	360	1.5	2.0	1.3	1.1	1.6	1.1
27	361	1.5	1.6	1.2	1.0	1.8	2.7
28	362	2.4	2.7	2.3	2.1	3.0	2.6
29	363	2.5	1.6	2.2	1.6	2.6	2.2
30	364	1.9	3.2	1.9	1.4	1.8	2.0
31	365	1.6	2.8	1.7	1.4	1.9	2.3
Mean		2.2	2.3	1.9	1.5	2.1	2.0
Abs. Max.		4.6	4.3	3.9	3.3	5.4	4.9
Abs. Min.		0.8	0.4	0.7	0.5	0.2	0.2

**TEL HADYA - DAILY EVAPORATION
JANUARY 1991**

Day	Jul. Day	Evap. Pan Class A mm	Evap. GGI- 3000 mm	Evap. Pan A (Mesh) mm	Evap. A-size Sunk+M mm	Evap. Wild Scales mm	Evap. Piche mm
1	1	1.7	2.0	0.8	1.2	2.4	2.1
2	2	1.5	1.3	1.2	1.0	1.8	2.1
3	3	0.3	1.2	0.6	0.4	0.6	0.5
4	4	0.6	0.7	0.4	0.4	0.3	0.3
5	5	0.2	0.7	0.1	0.1	0.2	0.1
6	6	0.3	0.6	0.4	0.4	0.0	0.0
7	7	1.2	0.7	0.9	0.6	0.8	0.4
8	8	0.0	0.6	0.3	0.2	0.5	0.3
9	9	0.1	0.4	0.5	0.4	0.0	0.1
10	10	0.7	1.6	0.8	0.8	0.2	0.0
11	11	2.3	3.0	1.9	1.4	2.0	1.2
12	12	2.7	3.0	1.8	1.6	3.9	3.0
13	13	2.7	2.4	2.2	1.7	2.6	2.2
14	14	3.1	3.5	2.6	2.3	2.7	3.0
15	15	3.5	2.8	2.3	1.7	2.9	2.6
16	16	0.7	0.3	1.8	1.4	0.6	0.3
17	17	0.2	0.2	0.3	0.3	0.4	0.5
18	18	1.0	0.2	0.7	0.8	1.2	1.0
19	19	1.0	1.0	1.0	0.7	1.5	0.4
20	20	0.7	1.2	0.6	0.6	1.1	0.8
21	21	1.5	1.5	1.3	0.8	0.8	0.8
22	22	2.3	2.3	2.2	1.5	1.2	1.4
23	23	1.7	1.1	1.5	1.2	1.4	1.1
24	24	1.7	2.5	1.6	1.5	1.6	m
25	25	1.8	2.7	1.3	1.0	1.2	1.9
26	26	2.2	0.8	1.6	1.1	1.5	2.2
27	27	2.2	2.4	2.0	1.4	1.4	2.8
28	28	1.6	2.7	2.3	1.4	2.9	2.5
29	29	0.9	1.1	1.3	0.8	1.2	0.5
30	30	0.2	0.3	0.7	0.4	1.0	0.1
31	31	0.9	3.7	1.3	0.9	1.1	1.2
Mean		1.3	1.6	1.2	1.0	1.3	(1.2)
Abs.Max.		3.5	3.7	2.6	2.3	3.9	(3.0)
Abs.Min.		0.0	0.2	0.1	0.1	0.0	(0.0)

**TEL HADYA - DAILY EVAPORATION
FEBRUARY 1991**

Day	Jul. Day	Evap. Pan Class A mm	Evap. GGI- 3000 mm	Evap. Pan A (Mesh) mm	Evap. A-size Sunk+M mm	Evap. Wild Scales mm	Evap. Piche mm
1	32	1.6	0.4	1.2	1.0	1.4	1.2
2	33	1.7	1.7	2.0	1.0	0.7	0.7
3	34	3.6	2.8	3.0	2.3	3.7	3.1
4	35	1.4	1.1	1.3	1.0	2.2	2.2
5	36	2.5	1.4	2.4	2.0	2.2	2.2
6	37	1.7	2.6	1.6	1.1	2.0	1.8
7	38	1.5	1.3	1.1	1.3	1.0	1.0
8	39	2.4	1.6	2.0	1.3	2.6	1.6
9	40	2.3	3.2	2.0	2.0	1.8	4.7
10	41	2.0	2.7	1.9	1.5	2.2	2.0
11	42	2.2	2.1	2.0	1.6	1.8	1.8
12	43	2.9	2.6	2.4	1.9	2.2	2.4
13	44	2.9	2.8	2.9	2.5	3.4	3.1
14	45	3.5	3.3	3.0	2.4	3.5	3.4
15	46	4.4	5.0	2.7	1.0	4.6	5.3
16	47	1.7	2.4	2.3	1.1	1.4	1.0
17	48	2.3	2.6	1.6	1.4	2.4	1.5
18	49	1.6	0.8	1.4	1.3	1.4	0.9
19	50	1.8	0.7	1.5	0.5	1.0	1.4
20	51	3.0	2.1	2.5	2.1	1.6	1.4
21	52	3.8	4.0	3.1	2.5	3.0	2.9
22	53	6.7	6.3	6.3	3.8	8.4	5.4
23	54	4.9	5.0	4.5	3.1	4.3	4.7
24	55	4.7	3.8	4.3	4.1	5.2	4.7
25	56	2.0	2.0	1.4	2.4	2.2	0.9
26	57	3.0	2.0	2.5	2.0	2.4	2.0
27	58	1.6	1.7	1.3	1.0	1.1	1.1
28	59	2.5	1.5	2.4	2.0	1.1	1.1
Mean		2.7	2.5	2.4	1.8	2.5	2.4
Abs.Max.		6.7	6.3	6.3	4.1	8.4	5.4
Abs.Min.		1.4	0.4	1.1	0.5	0.7	0.7

**TEL HADYA - DAILY EVAPORATION
MARCH 1991**

Day	Jul. Day	Evap. Pan Class A mm	Evap. GGI- 3000 mm	Evap. Pan A (Mesh) mm	Evap. A-size Sunk+M mm	Evap. Wild Scales mm	Evap. Piche mm
1	60	2.8	2.1	2.5	1.5	2.2	2.6
2	61	3.7	2.5	3.1	2.2	1.9	2.2
3	62	3.4	2.1	3.1	2.0	2.0	1.8
4	63	3.2	2.8	2.5	2.4	2.6	2.6
5	64	2.0	1.8	1.9	1.5	1.8	1.4
6	65	8.4	7.8	7.3	5.9	6.4	7.6
7	66	5.2	4.2	3.8	3.0	5.2	4.5
8	67	2.9	2.6	2.9	2.4	3.2	2.4
9	68	5.5	5.3	4.6	3.5	4.1	4.6
10	69	3.7	5.0	3.5	2.8	3.0	3.0
11	70	3.4	3.2	3.3	2.5	4.8	3.5
12	71	5.1	2.7	4.5	3.6	4.6	3.4
13	72	2.8	1.8	2.3	2.2	1.3	1.5
14	73	2.5	3.0	1.9	1.7	1.9	2.0
15	74	5.4	1.8	4.6	2.4	3.6	3.8
16	75	5.3	7.0	5.1	4.7	6.2	5.9
17	76	0.9	1.7	0.6	0.6	1.4	1.0
18	77	0.9	0.8	1.0	0.6	0.6	0.5
19	78	1.7	1.5	1.3	1.0	1.6	0.6
20	79	3.4	2.0	3.0	2.0	1.6	1.4
21	80	4.6	4.0	4.5	3.4	4.6	3.4
22	81	5.9	3.9	4.6	3.3	1.0	1.1
23	82	2.9	2.5	2.3	1.7	2.1	1.4
24	83	3.0	2.7	2.6	2.1	1.7	1.5
25	84	4.3	2.4	3.3	2.3	2.0	1.9
26	85	5.6	3.0	4.9	3.3	2.7	2.7
27	86	6.0	5.0	4.6	3.3	3.6	3.6
28	87	5.9	4.0	5.8	3.1	3.3	3.8
29	88	3.7	3.5	3.3	2.5	2.7	2.2
30	89	7.0	3.6	5.7	4.8	4.4	4.0
31	90	5.9	4.5	5.2	3.8	3.5	3.3
Mean		4.1	3.3	3.5	2.7	3.0	2.8
Abs. Max.		8.4	7.8	7.3	5.9	6.4	7.6
Abs. Min.		0.9	0.8	0.6	0.6	0.6	0.5

**TEL HADYA - DAILY EVAPORATION
APRIL 1991**

Day	Jul. Day	Evap. Pan Class A mm	Evap. GGI- 3000 mm	Evap. Pan A (Mesh) mm	Evap. A-size Sunk+M mm	Evap. Wild Scales mm	Evap. Piche mm
1	91	3.8	2.8	3.1	2.4	2.6	2.8
2	92	6.2	5.1	5.5	4.4	5.5	3.9
3	93	6.9	5.2	5.5	4.8	5.1	4.0
4	94	5.9	5.4	5.0	4.3	3.8	4.0
5	95	7.3	5.4	6.2	5.4	4.4	4.2
6	96	6.3	5.2	5.3	4.5	3.2	3.8
7	97	7.1	7.0	6.4	5.8	5.3	5.1
8	98	2.7	3.0	2.3	2.2	2.8	2.2
9	99	4.9	7.1	2.7	0.3	1.5	0.8
10	100	3.7	5.3	2.4	2.2	1.3	1.2
11	101	3.7	3.1	3.6	2.9	1.8	1.8
12	102	6.0	4.2	5.2	4.3	3.3	3.6
13	103	4.4	3.5	3.7	2.8	2.2	2.4
14	104	7.5	5.7	6.4	5.3	5.3	4.6
15	105	5.4	5.0	4.5	3.6	5.2	5.1
16	106	7.4	5.3	5.9	5.1	5.8	4.9
17	107	6.5	4.9	5.8	4.8	4.3	3.5
18	108	4.4	3.8	4.7	3.5	2.8	2.8
19	109	7.5	6.0	6.9	5.6	5.8	5.2
20	110	6.3	5.0	4.3	4.1	5.8	5.4
21	111	8.3	6.0	7.5	6.3	4.8	4.2
22	112	6.5	2.6	5.2	4.4	4.5	4.6
23	113	8.2	6.5	7.3	6.0	7.8	6.2
24	114	9.5	7.1	8.3	7.1	6.3	6.8
25	115	8.6	7.0	7.4	6.9	5.2	5.4
26	116	6.7	6.5	6.4	5.6	4.2	4.8
27	117	8.0	5.0	8.0	6.7	4.7	6.0
28	118	7.4	8.0	6.5	5.4	6.0	5.6
29	119	6.5	4.8	5.8	4.2	6.7	6.4
30	120	1.7	3.6	2.1	2.5	5.0	5.0
Mean		6.2	5.2	5.3	4.4	4.4	4.2
Abs.Max.		9.5	8.0	8.3	7.1	7.8	6.8
Abs.Min.		1.7	2.6	2.1	0.3	1.3	0.8

**TEL HADYA - DAILY EVAPORATION
MAY 1991**

Day	Jul. Day	Evap. Pan Class A mm	Evap. GGI- 3000 mm	Evap. Pan A (Mesh) mm	Evap. A-size Sunk+M mm	Evap. Wild Scales mm	Evap. Piche mm
1	121	2.5	4.6	2.3	2.1	1.9	1.7
2	122	6.9	5.0	6.0	5.2	4.2	4.2
3	123	8.5	5.7	7.2	6.0	4.6	5.7
4	124	9.6	7.4	7.3	6.1	4.8	6.2
5	125	8.9	4.5	6.7	6.1	5.5	7.1
6	126	12.2	10.8	11.3	9.7	11.0	11.0
7	127	11.3	8.2	10.1	7.3	8.4	9.0
8	128	8.5	6.4	7.8	5.7	7.7	7.0
9	129	12.3	9.6	11.0	10.0	9.3	7.8
10	130	10.3	7.6	8.3	7.0	6.7	8.4
11	131	9.6	7.6	7.9	6.8	7.4	8.5
12	132	12.1	7.5	9.9	9.0	9.8	9.1
13	133	8.3	8.7	7.3	6.3	7.4	8.0
14	134	13.0	10.5	12.0	9.7	10.8	10.9
15	135	2.5	3.7	3.3	3.0	4.6	4.1
16	136	11.7	10.0	11.6	9.2	9.4	8.2
17	137	9.6	8.0	8.4	7.1	6.6	6.5
18	138	9.7	6.6	8.5	7.0	5.8	6.0
19	139	8.8	5.8	7.5	6.4	5.9	6.2
20	140	14.4	11.8	12.5	10.0	10.0	9.8
21	141	4.8	4.5	4.0	2.4	15.5	10.4
22	142	7.6	4.5	6.7	5.1	5.6	6.4
23	143	9.7	7.0	8.2	7.2	5.9	6.1
24	144	8.0	7.0	7.3	6.0	6.0	5.1
25	145	11.1	9.6	9.6	8.1	8.0	8.3
26	146	13.2	11.6	10.9	9.4	8.8	8.1
27	147	11.2	10.5	9.8	8.0	7.8	6.6
28	148	10.9	9.8	9.8	7.7	7.6	7.8
29	149	2.7	4.2	2.4	2.8	2.6	2.7
30	150	8.1	6.5	6.5	5.8	4.7	4.8
31	151	8.7	7.4	7.1	5.5	4.8	4.8
Mean		9.3	7.5	8.0	6.7	7.1	7.0
Abs.Max.		14.4	11.8	12.5	10.0	15.5	11.0
Abs.Min.		2.5	3.7	2.3	2.1	1.9	1.7

**TEL HADYA - DAILY EVAPORATION
JUNE 1991**

Day	Jul. Day	Evap. Pan Class A mm	Evap. GGI- 3000 mm	Evap. Pan A (Mesh) mm	Evap. A-size Sunk+M mm	Evap. Wild Scales mm	Evap. Piche mm
1	152	10.8	9.3	9.3	8.2	6.6	7.0
2	153	12.9	9.6	10.5	9.4	7.8	9.4
3	154	14.2	14.2	10.5	10.4	9.3	11.4
4	155	16.4	13.4	14.3	12.0	13.4	14.2
5	156	16.1	12.7	13.9	11.2	11.6	12.2
6	157	15.4	12.5	12.8	10.7	12.0	10.4
7	158	14.2	12.0	11.8	10.5	9.1	10.0
8	159	12.9	10.5	11.7	10.0	9.0	9.5
9	160	16.6	13.8	14.2	11.8	11.4	20.3
10	161	14.7	13.5	13.3	11.3	11.4	9.7
11	162	15.0	13.0	13.2	10.0	9.4	10.5
12	163	13.8	11.6	11.9	10.9	9.0	10.2
13	164	15.6	11.4	12.6	10.9	10.4	10.6
14	165	14.3	13.1	12.7	10.1	9.9	12.1
15	166	15.9	11.0	12.2	10.5	9.7	10.3
16	167	14.1	11.7	12.4	10.4	10.1	11.2
17	168	16.6	13.8	14.1	12.3	11.9	14.5
18	169	19.0	14.0	15.7	13.3	14.4	17.2
19	170	18.8	15.0	16.7	14.5	15.0	15.9
20	171	16.8	14.5	14.2	11.8	12.7	12.3
21	172	15.9	15.1	13.1	12.2	11.7	10.9
22	173	16.3	13.9	14.5	11.9	12.9	11.8
23	174	15.8	12.6	13.6	11.2	11.6	12.0
24	175	16.2	14.2	14.1	12.0	11.3	13.4
25	176	18.5	16.7	15.8	13.0	13.2	12.6
26	177	16.8	16.0	14.3	13.1	12.5	11.6
27	178	15.9	13.4	13.4	11.4	10.4	11.3
28	179	15.0	13.4	12.5	10.9	10.2	9.8
29	180	15.0	15.0	13.1	10.9	10.0	10.3
30	181	16.3	15.8	14.6	11.8	12.8	11.4
Mean		15.5	13.2	13.2	11.3	11.0	11.8
Abs.Max.		19.0	16.7	16.7	14.5	15.0	20.3
Abs.Min.		10.8	9.3	9.3	8.2	6.6	7.0

**TEL HADYA - DAILY EVAPORATION
JULY 1991**

Day	Jul. Day	Evap. Pan Class A mm	Evap. GGI- 3000 mm	Evap. Pan A (Mesh) mm	Evap. A-size Sunk+M mm	Evap. Wild Scales mm	Evap. Piche mm
1	182	17.7	15.0	14.8	11.9	12.6	11.9
2	183	17.3	16.0	15.4	13.0	13.3	12.2
3	184	16.3	13.5	14.1	10.9	11.7	9.9
4	185	15.9	15.0	14.3	12.0	12.4	11.6
5	186	17.9	16.4	15.3	13.0	13.1	12.6
6	187	15.7	13.9	13.6	12.3	12.0	11.5
7	188	15.3	13.9	14.0	11.6	11.8	11.4
8	189	18.2	14.9	14.6	12.9	11.7	13.6
9	190	17.0	14.0	14.8	12.6	11.6	12.0
10	191	18.4	13.0	15.7	12.6	13.0	12.0
11	192	16.8	12.2	12.7	11.9	13.8	15.5
12	193	17.3	14.5	15.6	14.1	13.9	15.4
13	194	19.5	16.9	17.4	14.2	16.1	17.3
14	195	18.8	16.8	15.1	13.8	16.0	17.0
15	196	18.7	16.0	15.5	13.0	16.0	16.2
16	197	18.8	16.6	15.8	13.1	16.0	16.0
17	198	16.9	17.6	14.2	12.9	14.7	12.2
18	199	16.5	15.7	14.7	12.3	13.0	11.2
19	200	15.4	13.9	13.5	11.4	12.4	10.6
20	201	12.4	6.8	11.6	11.3	8.2	7.7
21	202	15.7	14.5	12.9	11.7	11.8	12.3
22	203	19.3	16.2	15.9	13.6	15.5	14.2
23	204	19.3	16.5	16.2	12.3	15.0	14.6
24	205	17.0	17.1	16.1	11.3	15.0	14.2
25	206	18.5	17.6	15.9	14.3	14.8	14.2
26	207	18.2	15.0	16.3	12.0	13.4	12.5
27	208	16.5	15.0	14.7	11.9	13.9	12.5
28	209	20.5	18.0	17.7	14.4	18.6	16.7
29	210	18.0	15.7	14.4	12.8	13.8	15.0
30	211	16.8	15.4	15.6	12.5	13.0	12.2
31	212	16.6	13.0	15.0	13.0	13.6	11.2
Mean		17.3	15.1	14.9	12.6	13.6	13.1
Abs.Max.		20.5	18.0	17.7	14.4	18.6	17.3
Abs.Min.		12.4	6.8	11.6	10.9	8.2	7.7

**TEL HADYA - DAILY EVAPORATION
AUGUST 1991**

Day	Jul. Day	Evap. Pan Class A mm	Evap. GGI- 3000 mm	Evap. Pan A (Mesh) mm	Evap. A-size Sunk+M mm	Evap. Wild Scales mm	Evap. Piche mm
1	213	16.9	14.0	15.0	13.2	14.0	13.6
2	214	18.5	16.5	18.0	15.0	16.0	14.8
3	215	19.5	16.8	17.5	14.2	16.7	15.4
4	216	18.9	16.6	16.8	14.2	16.4	13.9
5	217	18.0	14.3	15.2	11.8	13.2	12.3
6	218	17.4	15.6	15.7	13.0	14.6	13.0
7	219	15.0	12.0	14.2	12.0	13.2	10.7
8	220	12.8	12.0	12.1	10.1	11.2	10.1
9	221	15.4	14.3	13.8	11.3	14.4	13.3
10	222	18.3	17.9	16.4	13.6	19.0	15.2
11	223	17.1	14.7	15.3	12.1	14.7	13.6
12	224	13.4	12.2	11.9	10.0	11.2	10.9
13	225	17.5	16.4	15.5	12.9	15.0	14.6
14	226	16.0	15.2	15.9	12.0	16.5	13.8
15	227	16.8	13.1	15.9	11.6	15.0	12.5
16	228	16.7	15.2	15.5	12.0	14.0	12.3
17	229	16.8	15.8	14.1	12.4	12.8	13.0
18	230	15.6	14.2	14.1	11.6	13.1	11.2
19	231	15.5	13.0	13.0	10.5	11.3	8.8
20	232	14.0	11.7	12.3	10.3	12.6	10.7
21	233	15.5	12.4	13.3	10.9	12.6	12.2
22	234	16.7	15.8	15.6	13.7	14.8	13.7
23	235	16.0	15.3	14.7	12.0	14.3	13.2
24	236	14.1	13.1	12.9	11.0	12.3	12.3
25	237	15.1	14.2	12.9	11.6	12.3	12.3
26	238	17.7	15.8	15.0	12.2	15.8	15.8
27	239	18.0	14.9	15.2	12.4	15.0	14.6
28	240	16.6	17.6	16.2	13.5	15.0	14.2
29	241	14.0	14.0	12.5	10.7	11.7	11.2
30	242	13.9	13.0	12.1	10.4	11.1	10.1
31	243	12.6	11.6	11.2	9.4	10.2	10.2
Mean		16.1	14.5	14.5	12.0	13.9	12.7
Abs.Max.		19.5	17.9	18.0	15.0	19.0	15.8
Abs.Min.		12.6	11.6	11.2	9.4	10.2	8.8

**TEL HADYA - DAILY REL.HUMIDITY AND SOLAR RADIATION
SEPTEMBER 1990**

Day	Jul. Day	Global Solar Rad. MJ/m ²	Sunsh. Durat. h/d	Sunsh. Ratio %	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %
1	244	24.4	12.0	91.0	73.5	20.0	46.8
2	245	23.9	12.1	92.0	65.0	16.0	40.5
3	246	24.2	12.1	93.0	46.0	15.5	30.8
4	247	23.5	12.0	93.0	44.0	25.0	34.5
5	248	22.0	11.0	85.0	70.5	34.0	52.3
6	249	23.0	12.0	93.0	84.5	25.0	54.8
7	250	21.6	11.3	89.0	80.2	26.0	53.1
8	251	22.6	11.3	89.0	79.8	28.0	53.9
9	252	22.5	11.3	89.0	67.0	17.5	42.3
10	253	21.8	12.0	93.0	76.5	29.0	52.8
11	254	21.8	11.2	90.0	79.0	24.0	51.5
12	255	21.9	10.3	91.0	80.5	29.5	55.0
13	256	20.3	9.3	75.0	71.0	30.0	50.5
14	257	22.4	8.4	69.0	70.0	30.0	50.0
15	258	20.8	8.4	69.0	75.0	29.0	52.0
16	259	22.5	8.2	68.0	70.0	18.0	44.0
17	260	23.5	11.4	93.0	66.0	22.0	44.0
18	261	20.2	11.3	93.0	74.0	22.0	48.0
19	262	21.4	11.2	92.0	85.0	29.0	57.0
20	263	21.1	11.3	93.0	80.0	30.0	55.0
21	264	20.6	11.0	89.0	75.5	25.0	50.3
22	265	19.6	10.4	86.0	63.0	26.5	44.8
23	266	19.3	10.0	81.0	75.5	25.0	50.3
24	267	19.7	10.3	87.0	80.3	30.0	55.2
25	268	19.9	10.4	89.0	88.0	32.5	60.3
26	269	19.1	10.1	85.0	84.8	33.0	58.9
27	270	19.3	10.4	89.0	86.0	23.0	54.5
28	271	19.0	11.0	91.0	46.0	19.0	32.5
29	272	18.9	10.4	88.0	57.8	26.0	41.9
30	273	20.4	10.4	89.0	83.5	23.0	53.3
Mean		21.4	10.8	87.1	72.6	25.4	49.0
Abs.Max.		24.4	12.1	93.0	88.0	34.0	60.3
Abs.Min.		18.9	8.2	68.0	44.0	15.5	30.8

**TEL HADYA - DAILY REL. HUMIDITY AND SOLAR RADIATION
OCTOBER 1990**

Day	Jul. Day	Global Solar Rad. MJ/m ²	Sunsh. Durat. h/d	Sunsh. Ratio %	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %
1	274	20.0	11.0	96.0	63.0	23.0	43.0
2	275	19.7	11.0	94.0	72.5	25.0	48.8
3	276	19.0	11.0	94.0	82.5	25.0	53.8
4	277	17.1	11.0	92.0	83.0	23.0	53.0
5	278	18.4	11.0	94.0	83.0	23.0	53.0
6	279	18.9	10.4	91.0	50.0	19.0	34.5
7	280	17.8	10.3	89.0	33.0	18.0	25.5
8	281	17.6	10.0	87.0	70.0	18.5	44.3
9	282	17.2	10.1	88.0	63.0	25.0	44.0
10	283	17.3	10.1	89.0	79.0	25.0	52.0
11	284	16.3	10.3	90.0	85.0	35.0	60.0
12	285	18.7	10.3	91.0	55.0	23.0	39.0
13	286	16.7	10.3	90.0	51.0	25.0	38.0
14	287	17.6	10.2	89.0	66.0	24.5	45.3
15	288	16.1	10.0	90.0	30.5	24.0	27.3
16	289	15.5	8.3	76.0	41.0	18.0	29.5
17	290	13.1	5.3	49.0	27.0	19.0	23.0
18	291	7.2	0.4	6.0	26.0	20.0	23.0
19	292	12.7	4.3	40.0	29.0	20.0	24.5
20	293	14.0	9.3	85.0	42.0	32.0	37.0
21	294	14.9	9.3	85.0	45.0	27.0	36.0
22	295	15.0	8.4	80.0	40.0	26.5	33.3
23	296	15.3	8.5	81.0	60.0	23.0	41.5
24	297	12.4	8.0	73.0	71.0	38.0	54.5
25	298	13.2	7.0	64.0	74.0	33.0	53.5
26	299	11.3	5.3	50.0	72.5	40.2	56.4
27	300	12.3	5.0	46.0	84.0	35.0	59.5
28	301	10.8	4.5	44.0	90.0	39.0	64.5
29	302	15.1	9.0	82.0	79.0	28.0	53.5
30	303	13.7	9.3	89.0	80.0	28.5	54.3
31	304	13.6	8.4	82.0	70.0	25.5	47.8
Mean		15.4	8.6	77.3	61.2	26.1	43.7
Abs. Max.		20.0	11.0	96.0	90.0	40.2	64.5
Abs. Min.		7.2	0.4	6.0	26.0	18.0	23.0

**TEL HADYA - DAILY REL.HUMIDITY AND SOLAR RADIATION
NOVEMBER 1990**

Day	Jul. Day	Global Solar Rad. MJ/m ²	Sunsh. Durat. h/d	Sunsh. Ratio %	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %
1	305	14.5	9.1	87.0	75.0	22.0	48.5
2	306	12.8	9.0	84.0	81.0	34.8	57.9
3	307	12.7	9.0	84.0	83.0	30.0	56.5
4	308	13.2	6.0	57.0	66.0	25.0	45.5
5	309	12.7	7.5	75.0	55.0	21.5	38.3
6	310	12.7	9.1	90.0	47.0	19.0	33.0
7	311	5.6	0.2	3.0	49.0	19.0	34.0
8	312	8.6	4.4	46.0	80.0	45.5	62.8
9	313	11.7	7.3	73.0	81.0	35.5	58.3
10	314	8.3	4.0	39.0	80.5	40.0	60.3
11	315	12.0	6.3	64.0	81.0	30.0	55.5
12	316	13.6	8.5	87.0	80.0	23.0	51.5
13	317	14.0	9.4	94.0	84.0	24.0	54.0
14	318	13.0	8.1	81.0	74.0	25.0	49.5
15	319	12.8	9.1	91.0	71.0	25.0	48.0
16	320	12.7	9.1	91.0	70.0	27.0	48.5
17	321	12.2	8.5	87.0	86.7	26.0	56.4
18	322	12.7	9.1	93.0	91.0	27.0	59.0
19	323	9.8	7.0	70.0	87.0	45.0	66.0
20	324	9.6	6.3	65.0	71.0	27.0	49.0
21	325	10.8	8.0	80.0	58.0	27.0	42.5
22	326	10.8	8.3	86.0	90.5	25.0	57.8
23	327	11.2	8.0	81.0	75.0	30.5	52.8
24	328	9.4	6.0	61.0	81.0	33.0	57.0
25	329	9.1	8.0	81.0	65.0	32.0	48.5
26	330	8.1	3.0	30.0	87.0	45.0	66.0
27	331	10.3	8.3	84.0	94.0	19.0	56.5
28	332	9.9	7.4	75.0	86.0	41.0	63.5
29	333	9.8	7.3	74.0	90.0	40.0	65.0
30	334	9.2	6.3	64.0	81.0	43.0	62.0
Mean		11.1	7.3	72.6	76.7	30.2	53.5
Abs.Max.		14.5	9.4	94.0	94.0	45.5	66.0
Abs.Min.		5.6	0.2	3.0	47.0	19.0	33.0

**TEL HADYA - DAILY REL.HUMIDITY AND SOLAR RADIATION
DECEMBER 1990**

Day	Jul. Day	Global Solar Rad. MJ/m ²	Sunsh. Durat. h/d	Sunsh. Ratio %	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %
1	335	10.0	7.3	75.0	82.0	30.0	56.0
2	336	7.2	1.5	18.0	79.0	43.0	61.0
3	337	5.2	2.0	21.0	70.0	45.0	57.5
4	338	6.7	3.3	36.0	92.0	65.0	78.5
5	339	9.5	5.0	52.0	91.0	53.0	72.0
6	340	10.2	7.5	81.0	90.5	41.0	65.8
7	341	10.8	7.3	77.0	91.0	45.0	68.0
8	342	9.0	2.3	26.0	90.0	49.0	69.5
9	343	10.1	7.0	73.0	94.0	45.0	69.5
10	344	11.4	8.5	92.0	91.0	23.0	57.0
11	345	10.9	9.0	94.0	91.0	28.0	59.5
12	346	10.2	7.4	81.0	75.0	33.0	54.0
13	347	5.7	0.0	0.0	60.0	37.0	48.5
14	348	9.3	5.5	61.0	90.0	50.0	70.0
15	349	10.4	8.0	83.0	100.0	44.0	72.0
16	350	10.1	8.3	89.0	100.0	51.0	75.5
17	351	8.3	6.1	64.0	97.0	44.0	70.5
18	352	11.1	8.3	89.0	99.0	42.0	70.8
19	353	10.1	7.3	78.0	100.0	43.0	71.5
20	354	6.4	1.4	17.0	81.0	45.0	63.0
21	355	5.8	1.5	18.0	98.0	60.0	79.0
22	356	7.3	1.1	12.0	100.0	80.0	90.0
23	357	5.3	5.3	58.0	100.0	66.0	83.0
24	358	4.5	0.3	4.0	99.0	80.0	89.5
25	359	9.3	9.0	96.0	99.0	30.0	64.5
26	360	11.7	8.5	92.0	97.0	35.0	66.0
27	361	11.0	8.0	83.0	100.0	33.0	66.5
28	362	7.6	2.0	21.0	97.0	45.0	71.0
29	363	11.4	8.5	92.0	84.0	28.0	56.0
30	364	11.1	8.3	89.0	94.0	30.0	62.0
31	365	11.0	9.0	94.0	100.0	33.5	66.8
Mean		9.0	5.6	60.2	91.3	44.4	67.9
Abs.Max.		11.7	9.0	96.0	100.0	80.0	90.0
Abs.Min.		4.5	0.0	0.0	60.0	23.0	48.5

**TEL HADYA - DAILY REL.HUMIDITY AND SOLAR RADIATION
JANUARY 1991**

Day	Jul. Day	Global Solar Rad. MJ/m ²	Sunsh. Durat. h/d	Sunsh. Ratio %	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %
1	1	10.5	8.0	83.0	94.2	38.0	66.1
2	2	10.6	8.4	90.0	96.0	37.0	66.5
3	3	2.9	0.0	0.0	100.0	93.0	96.5
4	4	3.5	0.4	8.0	97.0	79.0	88.0
5	5	6.3	0.5	9.0	96.0	95.5	95.8
6	6	5.3	0.0	0.0	97.0	97.0	97.0
7	7	9.2	4.2	44.0	97.0	65.0	81.0
8	8	2.8	0.0	0.0	96.0	89.0	92.5
9	9	3.7	0.0	0.0	97.0	91.0	94.0
10	10	8.7	3.3	37.0	96.0	70.0	83.0
11	11	9.6	5.5	60.0	100.0	42.0	71.0
12	12	11.8	9.1	94.0	95.6	34.6	65.1
13	13	11.9	9.0	92.0	92.0	40.0	66.0
14	14	11.9	9.2	95.0	100.0	32.0	66.0
15	15	11.3	9.1	93.0	100.0	36.0	68.0
16	16	5.8	2.0	20.0	100.0	70.0	85.0
17	17	6.3	2.3	25.0	100.0	84.0	92.0
18	18	5.8	0.0	0.0	100.0	81.0	90.5
19	19	5.7	0.0	2.0	100.0	80.0	90.0
20	20	2.2	0.0	0.0	97.0	90.0	93.5
21	21	6.2	2.2	23.0	100.0	88.0	94.0
22	22	6.2	2.1	22.0	100.0	71.5	85.8
23	23	11.7	7.0	70.0	97.0	40.0	68.5
24	24	13.2	8.4	87.0	98.0	43.0	70.5
25	25	13.5	9.0	89.0	98.0	30.0	64.0
26	26	13.2	9.3	94.0	97.0	32.0	64.5
27	27	13.5	9.4	87.0	100.0	40.0	70.0
28	28	9.6	2.0	20.0	99.0	54.0	76.5
29	29	3.6	0.0	0.0	100.0	76.5	88.3
30	30	3.5	0.0	0.0	100.0	96.0	98.0
31	31	6.4	1.4	16.0	100.0	70.0	85.0
Mean		8.0	3.9	40.6	98.1	64.0	81.1
Abs.Max.		13.5	9.4	95.0	100.0	97.0	98.0
Abs.Min.		2.2	0.0	0.0	92.0	30.0	64.0

**TEL HADYA - DAILY REL.HUMIDITY AND SOLAR RADIATION
FEBRUARY 1991**

Day	Jul. Day	Global Solar Rad. MJ/m ²	Sunsh. Durat. h/d	Sunsh. Ratio %	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %
1	32	7.7	3.4	36.0	100.0	52.0	76.0
2	33	9.9	4.0	39.0	100.0	76.0	88.0
3	34	8.3	3.2	32.0	100.0	64.0	82.0
4	35	9.3	3.3	35.0	96.5	45.0	70.8
5	36	8.1	8.1	79.0	90.0	42.0	66.0
6	37	7.4	0.2	3.0	85.0	51.0	68.0
7	38	9.3	3.5	36.0	80.0	46.0	63.0
8	39	14.4	8.4	83.0	100.0	40.0	70.0
9	40	16.4	10.0	96.0	95.0	30.0	62.5
10	41	12.7	5.2	50.0	87.0	47.0	67.0
11	42	15.5	8.5	83.0	90.0	40.0	65.0
12	43	15.5	9.3	90.0	100.0	30.5	65.3
13	44	9.1	0.0	0.0	89.0	46.0	67.5
14	45	14.6	7.4	72.0	83.5	33.0	58.3
15	46	10.2	0.0	0.0	80.5	37.0	58.8
16	47	3.0	3.2	31.0	100.0	65.4	82.7
17	48	7.4	5.0	49.0	100.0	50.0	75.0
18	49	9.9	0.6	8.5	100.0	94.0	74.5
19	50	9.3	1.1	11.0	100.0	68.0	84.0
20	51	14.6	7.3	68.0	100.0	49.0	74.5
21	52	17.4	10.3	95.0	100.0	24.0	62.0
22	53	13.9	5.5	53.0	66.0	27.0	46.5
23	54	10.4	1.5	17.5	70.0	35.0	52.5
24	55	13.6	5.5	52.5	69.0	40.0	54.5
25	56	3.1	0.0	0.0	83.0	81.0	82.0
26	57	11.3	2.2	21.0	100.0	55.0	77.5
27	58	9.6	0.5	7.0	100.0	56.0	78.0
28	59	10.9	2.0	18.0	100.0	65.0	82.5
Mean		10.8	4.3	41.6	91.6	49.6	69.8
Abs.Max.		17.4	10.3	96.0	100.0	94.0	88.0
Abs.Min.		3.0	0.0	0.0	66.0	24.0	46.5

**TEL HADYA - DAILY REL.HUMIDITY AND SOLAR RADIATION
MARCH 1991**

Day	Jul. Day	Global Solar Rad. MJ/m ²	Sunsh. Durat. h/d	Sunsh. Ratio %	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %
1	60	13.4	4.1	37.0	100.0	42.0	71.0
2	61	15.4	9.4	85.0	100.0	49.0	74.5
3	62	15.6	6.2	55.0	100.0	40.0	70.0
4	63	12.0	2.5	25.0	100.0	45.0	72.5
5	64	6.3	0.1	2.0	100.0	72.0	86.0
6	65	19.9	9.4	86.0	100.0	30.0	65.0
7	66	18.2	10.3	91.0	80.0	43.0	61.5
8	67	8.8	2.3	22.0	100.0	65.0	82.5
9	68	18.7	7.1	62.0	100.0	18.0	59.0
10	69	15.8	7.5	68.0	97.0	23.0	60.0
11	70	8.1	0.2	2.8	93.0	56.0	74.5
12	71	16.2	5.3	47.0	79.0	37.0	58.0
13	72	13.0	3.0	26.0	100.0	60.0	80.0
14	73	13.9	5.0	43.0	100.0	46.5	73.3
15	74	19.2	9.4	83.0	100.0	33.0	66.5
16	75	10.8	0.0	0.0	90.0	38.0	64.0
17	76	5.4	0.0	0.0	93.5	69.0	81.3
18	77	5.4	0.0	0.0	100.0	71.0	85.5
19	78	7.5	1.0	8.0	100.0	75.0	87.5
20	79	18.0	6.4	56.0	99.0	65.0	82.0
21	80	15.2	5.3	46.0	97.0	49.0	73.0
22	81	4.1	0.0	0.0	91.0	85.0	88.0
23	82	15.9	5.0	41.0	97.0	55.0	76.0
24	83	12.9	3.5	32.0	96.0	67.5	81.8
25	84	19.7	10.2	85.0	96.0	46.0	71.0
26	85	22.0	11.0	90.0	95.0	40.0	67.5
27	86	22.4	10.4	87.0	96.0	39.0	67.5
28	87	20.9	10.0	81.0	97.0	32.0	64.5
29	88	17.1	5.3	45.0	74.0	25.5	49.8
30	89	21.2	10.3	85.0	94.0	49.0	71.5
31	90	19.5	9.1	76.0	95.5	58.0	76.8
Mean		14.6	5.5	47.3	95.5	49.1	72.3
Abs.Max.		22.4	11.0	91.0	100.0	85.0	88.0
Abs.Min.		4.1	0.0	0.0	74.0	18.0	49.8

**TEL HADYA - DAILY REL. HUMIDITY AND SOLAR RADIATION
APRIL 1991**

Day	Jul. Day	Global Solar Rad. MJ/m ²	Sunsh. Durat. h/d	Sunsh. Ratio %	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %
1	91	17.6	5.0	46.0	96.0	53.0	74.5
2	92	14.8	2.0	16.0	87.0	49.0	68.0
3	93	18.9	10.0	8.0	94.0	50.0	72.0
4	94	17.4	7.0	56.0	97.0	50.0	73.5
5	95	22.7	11.3	91.0	97.0	44.0	70.5
6	96	23.1	11.0	87.0	95.5	46.0	70.8
7	97	24.3	11.0	87.0	98.0	36.0	67.0
8	98	8.7	0.0	0.0	72.0	41.0	56.5
9	99	14.5	6.0	47.0	97.0	60.0	78.5
10	100	15.3	4.0	31.0	98.0	69.0	83.5
11	101	18.2	6.4	53.0	97.0	61.5	79.3
12	102	24.4	12.0	94.0	96.0	49.0	72.5
13	103	24.2	10.1	79.0	98.0	45.0	71.5
14	104	24.0	9.4	75.0	95.5	31.0	63.3
15	105	7.5	0.0	0.0	83.0	47.0	65.0
16	106	21.4	10.1	78.0	97.0	48.0	72.5
17	107	24.8	9.1	71.0	97.5	38.2	67.9
18	108	25.5	11.1	86.0	98.0	34.0	66.0
19	109	24.2	10.4	82.0	98.0	24.0	61.0
20	110	18.7	4.0	31.0	77.6	33.0	55.3
21	111	25.7	10.5	82.0	98.0	53.0	75.5
22	112	25.3	10.2	78.0	97.5	25.0	61.3
23	113	23.5	9.3	72.0	99.0	19.5	59.3
24	114	25.8	10.3	79.0	85.5	25.0	55.3
25	115	26.3	11.4	88.0	94.0	25.0	59.5
26	116	26.3	11.0	83.0	93.0	22.0	57.5
27	117	28.0	12.3	93.0	89.5	15.0	52.3
28	118	24.7	11.3	86.0	89.0	17.5	53.3
29	119	17.6	5.0	37.0	82.0	19.0	50.5
30	120	13.5	1.1	9.0	70.0	36.5	53.3
Mean		20.9	8.1	60.8	92.2	38.9	65.6
Abs. Max.		28.0	12.3	94.0	99.0	69.0	83.5
Abs. Min.		7.5	0.0	0.0	70.0	15.0	50.5

**TEL HADYA - DAILY REL. HUMIDITY AND SOLAR RADIATION
MAY 1991**

Day	Jul. Day	Global Solar Rad. MJ/m ²	Sunsh. Durat. h/d	Sunsh. Ratio %	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %
1	121	7.7	0.3	4.0	94.0	63.0	78.5
2	122	23.9	12.3	93.0	93.0	34.0	63.5
3	123	28.0	12.3	92.0	93.0	30.0	61.5
4	124	26.8	12.2	91.0	96.8	22.5	59.7
5	125	26.9	11.4	86.0	99.5	22.5	61.0
6	126	26.3	11.3	85.0	95.8	24.0	59.9
7	127	24.8	9.1	67.0	48.0	26.5	37.3
8	128	18.8	3.3	26.0	86.0	25.0	55.5
9	129	28.7	12.0	88.0	95.0	35.0	65.0
10	130	26.9	13.1	95.0	99.6	25.0	62.3
11	131	23.1	7.2	53.0	79.0	29.0	54.0
12	132	26.8	12.1	89.0	73.5	40.0	56.8
13	133	15.8	1.3	11.0	93.0	38.0	65.5
14	134	24.8	10.0	72.0	89.5	29.0	59.3
15	135	14.8	1.3	11.0	80.0	54.0	67.0
16	136	28.7	12.0	86.0	100.0	44.0	72.0
17	137	26.2	12.0	86.0	99.2	36.8	68.9
18	138	28.9	13.0	93.0	99.2	32.0	65.6
19	139	27.3	12.3	89.0	100.0	29.4	64.7
20	140	26.3	11.4	84.0	87.0	28.0	57.5
21	141	27.6	12.5	91.0	93.0	49.0	71.0
22	142	23.6	7.3	53.0	100.0	36.0	68.0
23	143	28.0	13.1	94.0	100.0	35.0	67.5
24	144	29.3	10.2	73.0	100.0	25.0	62.5
25	145	25.8	11.4	83.0	97.5	26.0	61.8
26	146	29.0	13.0	92.0	73.0	32.8	52.9
27	147	30.1	12.0	85.0	98.0	41.8	69.9
28	148	28.7	13.0	92.0	99.5	36.5	68.0
29	149	11.9	2.3	18.0	100.0	49.0	74.5
30	150	24.7	11.1	79.0	99.0	40.0	69.5
31	151	26.4	12.3	87.0	100.0	32.0	66.0
Mean		24.7	9.9	72.5	92.3	34.5	63.5
Abs. Max.		30.1	13.1	95.0	100.0	63.0	78.5
Abs. Min.		7.7	0.3	4.0	48.0	22.5	37.3

**TEL HADYA - DAILY REL.HUMIDITY AND SOLAR RADIATION
JUNE 1991**

Day	Jul. Day	Global Solar Rad. MJ/m ²	Sunsh. Durat. h/d	Sunsh. Ratio %	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %
1	152	29.5	13.3	94.0	99.2	34.2	66.7
2	153	29.7	13.1	92.0	97.0	24.5	60.8
3	154	29.8	13.3	94.0	94.5	17.0	55.8
4	155	28.7	12.5	90.0	70.5	21.0	45.8
5	156	27.3	10.3	73.0	49.0	25.0	37.0
6	157	29.2	12.0	83.0	62.0	28.0	45.0
7	158	28.6	13.3	94.0	83.6	24.8	54.2
8	159	29.2	13.3	94.0	80.5	24.0	52.3
9	160	29.6	13.1	91.0	72.0	20.0	46.0
10	161	29.2	13.1	87.0	60.0	35.0	47.5
11	162	29.5	13.0	90.0	86.0	30.0	58.0
12	163	28.8	13.0	90.0	80.0	27.0	53.5
13	164	28.8	12.3	86.0	60.5	27.0	43.8
14	165	29.0	13.1	91.0	60.5	26.0	43.3
15	166	27.9	13.0	90.0	64.0	28.5	46.3
16	167	29.1	12.4	88.0	64.0	23.0	43.5
17	168	29.6	13.0	90.0	64.5	18.0	41.3
18	169	29.4	13.3	94.0	60.0	17.0	38.5
19	170	29.7	13.3	94.0	48.0	16.0	32.0
20	171	28.7	13.0	90.0	57.5	23.5	40.5
21	172	28.0	13.0	90.0	78.0	30.0	54.0
22	173	28.8	12.5	89.0	75.0	29.9	52.5
23	174	27.8	13.0	90.0	70.0	20.0	45.0
24	175	28.2	13.1	91.0	61.0	23.0	42.0
25	176	28.9	12.4	88.5	70.5	30.5	50.5
26	177	29.0	13.0	90.0	67.0	31.0	49.0
27	178	26.6	12.4	88.0	65.0	35.0	50.0
28	179	28.1	12.1	85.0	80.0	27.0	53.5
29	180	28.5	13.1	91.0	77.0	18.0	47.5
30	181	28.1	12.4	88.5	74.0	28.5	51.3
Mean		28.8	12.8	89.5	71.0	25.4	48.2
Abs. Max.		29.8	13.3	94.0	99.2	35.0	66.7
Abs. Min.		26.6	10.3	73.0	48.0	16.0	32.0

**TEL HADYA - DAILY REL.HUMIDITY AND SOLAR RADIATION
JULY 1991**

Day	Jul. Day	Global Solar Rad. MJ/m ²	Sunsh. Durat. h/d	Sunsh. Ratio %	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %
1	182	28.2	12.1	85.0	70.1	29.0	49.6
2	183	28.5	13.0	90.0	72.5	29.0	50.8
3	184	29.8	13.1	92.0	76.0	27.5	51.8
4	185	29.7	13.0	90.0	78.0	28.0	53.0
5	186	29.8	13.0	90.0	77.0	23.0	50.0
6	187	28.2	13.0	90.0	73.5	32.0	52.8
7	188	28.2	12.2	86.0	75.0	33.5	54.3
8	189	28.5	13.0	91.0	76.0	23.0	49.5
9	190	28.5	13.0	91.0	71.0	30.0	50.5
10	191	29.3	13.0	91.0	71.0	16.5	43.8
11	192	29.7	13.0	91.0	52.0	17.0	34.5
12	193	27.6	12.3	87.0	37.5	16.5	27.0
13	194	28.7	12.5	90.0	36.0	20.0	28.0
14	195	29.0	13.0	92.0	65.0	20.0	42.5
15	196	28.7	13.0	92.0	60.0	29.0	44.5
16	197	28.5	13.0	92.0	73.5	32.0	52.8
17	198	28.6	13.0	92.0	79.0	28.0	53.5
18	199	27.8	12.3	88.0	76.0	34.0	55.0
19	200	27.2	12.0	85.0	73.0	35.0	54.0
20	201	27.8	12.3	89.0	77.0	30.0	53.5
21	202	26.4	12.4	90.0	74.8	34.0	54.4
22	203	27.0	12.1	87.0	70.0	27.5	48.8
23	204	27.7	12.3	89.0	70.0	25.0	47.5
24	205	27.4	12.4	91.0	70.5	30.0	50.3
25	206	26.9	12.1	87.0	73.5	27.0	50.3
26	207	25.2	12.1	88.0	75.0	37.5	56.3
27	208	26.9	11.2	81.0	74.0	28.0	51.0
28	209	27.5	12.5	92.0	68.2	22.0	45.1
29	210	27.4	12.3	90.0	71.0	20.0	45.5
30	211	26.0	12.1	87.0	73.5	37.0	55.3
31	212	26.6	12.1	88.0	75.0	35.0	55.0
Mean		28.0	12.5	89.2	69.8	27.6	48.7
Abs.Max.		29.8	13.1	92.0	79.0	37.5	56.3
Abs.Min.		25.2	11.2	81.0	36.0	16.5	27.0

**TEL HADYA - DAILY REL.HUMIDITY AND SOLAR RADIATION
AUGUST 1991**

Day	Jul. Day	Global Solar Rad. MJ/m ²	Sunsh. Durat. h/d	Sunsh. Ratio %	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %
1	213	27.1	12.1	89.0	74.0	25.0	49.5
2	214	26.6	12.1	89.0	70.0	22.0	46.0
3	215	26.4	12.4	91.0	60.0	24.8	42.4
4	216	26.5	12.3	91.0	73.6	30.0	51.8
5	217	26.6	12.1	89.0	72.5	39.0	55.8
6	218	26.3	12.0	88.0	86.5	30.0	58.3
7	219	25.6	12.0	88.0	91.0	34.0	62.5
8	220	26.2	12.2	91.0	89.5	30.5	65.0
9	221	24.6	12.0	88.0	90.5	25.0	57.8
10	222	25.9	12.0	88.0	87.0	36.0	61.5
11	223	25.3	12.1	90.0	84.0	33.0	58.5
12	224	25.0	12.0	89.0	80.5	22.5	51.5
13	225	24.7	11.5	88.0	69.5	32.0	50.8
14	226	25.3	12.3	93.0	59.0	33.0	46.0
15	227	24.4	11.2	85.0	85.0	39.0	62.0
16	228	24.8	12.0	90.0	80.0	39.0	59.5
17	229	24.6	11.3	87.0	89.5	44.0	66.8
18	230	24.2	12.0	m	86.0	37.0	61.5
19	231	24.3	12.0	m	92.2	42.0	67.1
20	232	24.0	11.3	m	93.0	36.0	64.5
21	233	24.4	11.5	m	90.0	24.0	57.0
22	234	24.5	12.0	m	92.0	26.0	59.0
23	235	24.0	12.0	m	77.0	30.8	53.9
24	236	23.6	11.5	m	74.6	28.0	51.3
25	237	24.6	12.0	m	80.3	25.8	53.1
26	238	24.4	11.4	m	90.0	21.7	55.9
27	239	24.8	11.5	m	80.0	23.0	51.5
28	240	24.2	11.4	m	88.0	29.0	58.5
29	241	23.8	11.6	m	83.0	41.7	62.4
30	242	23.3	11.3	m	89.2	41.8	65.5
31	243	24.4	11.5	m	86.0	25.0	55.5
Mean		25.0	11.8	(89.1)	82.0	31.3	56.9
Abs.Max.		27.1	12.4	(93.0)	93.0	44.0	67.1
Abs.Min.		23.3	11.2	(85.0)	59.0	21.7	42.4

**TEL HADYA - DAILY WIND AND AIR PRESSURE
SEPTEMBER 1990**

Day	Jul. Day	Wind Run 2m km/d	Mean Wind Vel.10m km/d	Max. Wind Vel.10m km/d	Atmos. Press. Stn. hPa	Atmos. Press. Sealvl. hPa
1	244	279.9	21.4	33.7	971	1004
2	245	172.1	17.6	27.3	971	1003
3	246	258.9	12.0	38.6	970	1003
4	247	424.6	19.4	42.6	969	1002
5	248	405.3	17.9	38.6	969	1002
6	249	353.8	9.5	43.4	967	1000
7	250	276.6	14.9	33.5	966	1000
8	251	156.0	7.2	51.5	966	1000
9	252	371.5	16.0	45.0	970	1003
10	253	350.6	18.6	41.8	972	1005
11	254	390.8	17.3	41.8	971	1004
12	255	368.3	23.6	48.3	970	1003
13	256	363.5	18.2	59.5	970	1003
14	257	419.8	21.4	57.9	971	1004
15	258	255.7	15.2	38.6	970	1006
16	259	160.8	7.0	32.2	971	1005
17	260	408.5	18.4	42.6	972	1005
18	261	340.6	21.0	37.8	973	1006
19	262	368.3	18.3	49.9	977	1010
20	263	315.2	18.1	41.8	975	1008
21	264	93.3	5.3	20.9	975	1008
22	265	159.2	6.3	24.1	975	1009
23	266	173.7	6.3	25.7	975	1008
24	267	429.4	11.3	43.4	974	1007
25	268	501.8	24.9	54.7	973	1006
26	269	204.3	15.0	34.6	970	1004
27	270	78.8	3.4	19.3	973	1006
28	271	213.9	6.2	30.6	976	1009
29	272	350.6	18.0	72.4	977	1011
30	273	344.0	18.5	51.3	976	1009
Mean		299.7	14.9	40.8	972	1005
Abs. Max.		501.8	24.9	72.4	977	1011
Abs. Min.		78.8	3.4	19.3	966	1000

**TEL HADYA - DAILY WIND AND AIR PRESSURE
OCTOBER 1990**

Day	Jul. Day	Wind Run 2m km/d	Mean Wind Vel.10m km/d	Max. Wind Vel.10m km/d	Atmos. Press. Stn. hPa	Atmos. Press. Sealvl. hPa
1	274	262.1	15.4	40.2	973	1007
2	275	159.2	7.0	24.1	975	1008
3	276	149.6	9.5	24.1	975	1008
4	277	152.8	6.4	24.1	972	1005
5	278	78.8	5.0	17.7	978	1011
6	279	154.4	4.8	16.1	976	1009
7	280	135.1	12.3	29.0	976	1009
8	281	120.6	5.7	19.3	975	1008
9	282	220.3	m	m	977	1010
10	283	352.2	17.0	43.4	973	1007
11	284	257.3	15.8	33.8	975	1008
12	285	202.7	13.7	40.2	975	1009
13	286	299.1	18.7	35.4	973	1007
14	287	152.9	6.5	22.5	975	1009
15	288	289.5	7.2	40.2	981	1015
16	289	297.5	18.1	43.4	981	1014
17	290	302.4	16.9	35.4	977	1011
18	291	202.7	15.2	34.5	976	1010
19	292	188.2	10.5	33.8	977	1010
20	293	135.1	7.1	15.8	974	1007
21	294	138.4	11.0	23.3	976	1009
22	295	123.8	7.1	16.1	973	1006
23	296	154.4	11.8	29.0	974	1008
24	297	369.9	24.0	51.5	972	1006
25	298	292.7	22.2	49.9	975	1009
26	299	115.8	m	m	977	1011
27	300	176.9	11.3	43.4	975	1010
28	301	56.3	6.3	48.3	973	1007
29	302	141.5	7.7	24.1	979	1013
30	303	172.1	13.0	37.8	979	1013
31	304	160.8	11.3	37.0	975	1009
Mean		194.0	(11.7)	(32.2)	976	1009
Abs.Max.		369.9	(24.0)	(51.5)	981	1015
Abs.Min.		56.3	(4.8)	(15.8)	972	1005

**TEL HADYA - DAILY WIND AND AIR PRESSURE
NOVEMBER 1990**

Day	Jul. Day	Wind Run 2m km/d	Mean Wind Vel.10m km/d	Max. Wind Vel.10m km/d	Atmos. Press. Stn. hPa	Atmos. Press. Sealvl. hPa
1	305	236.4	13.2	32.2	976	1010
2	306	295.7	13.9	39.4	975	1005
3	307	114.2	9.2	16.1	975	1005
4	308	183.4	9.9	24.1	978	1012
5	309	130.3	6.6	20.9	978	1011
6	310	102.9	8.8	20.9	974	1007
7	311	213.9	11.1	56.3	974	1007
8	312	189.8	11.8	32.2	970	1004
9	313	353.8	26.4	62.7	970	1004
10	314	225.2	12.1	47.0	974	1008
11	315	172.1	12.2	25.2	978	1012
12	316	109.4	7.0	20.9	980	1014
13	317	172.1	8.8	20.9	987	1021
14	318	204.3	13.3	28.1	987	1021
15	319	209.0	12.8	33.8	984	1018
16	320	146.4	10.0	25.7	987	1022
17	321	41.8	4.6	17.0	985	1020
18	322	70.8	6.6	13.7	979	1013
19	323	109.4	6.6	12.9	977	1010
20	324	265.4	15.3	29.3	974	1008
21	325	127.1	10.0	16.1	980	1014
22	326	128.7	7.8	24.1	984	1019
23	327	93.3	6.2	14.6	984	1018
24	328	231.6	8.2	24.1	977	1012
25	329	96.5	11.6	22.5	977	1011
26	330	122.2	7.0	24.1	978	1012
27	331	170.5	8.9	21.7	980	1014
28	332	70.8	5.4	8.6	982	1016
29	333	255.7	10.2	25.0	983	1017
30	334	292.7	18.5	36.2	980	1014
Mean		171.2	10.5	26.5	979	1013
Abs.Max.		353.8	26.4	62.7	987	1022
Abs.Min.		41.8	4.6	8.6	970	1004

**TEL HADYA - DAILY WIND AND AIR PRESSURE
DECEMBER 1990**

Day	Jul. Day	Wind Run 2m km/d	Mean Wind Vel.10m km/d	Max. Wind Vel.10m km/d	Atmos. Press. Stn. hPa	Atmos. Press. Sealvl. hPa
1	335	262.2	m	m	981	1015
2	336	196.2	m	m	979	1013
3	337	230.0	m	m	976	1010
4	338	114.2	m	m	977	1011
5	339	193.0	m	m	976	1011
6	340	136.7	m	m	983	1017
7	341	221.9	m	m	984	1019
8	342	77.2	m	m	980	1015
9	343	173.7	m	m	979	1013
10	344	69.1	m	m	981	1016
11	345	125.5	m	m	981	1016
12	346	369.9	m	m	981	1016
13	347	361.0	m	m	980	1015
14	348	122.2	m	m	981	1016
15	349	80.4	m	m	982	1017
16	350	130.3	m	m	979	1014
17	351	250.9	m	m	980	1015
18	352	88.4	m	m	982	1017
19	353	131.9	m	m	978	1013
20	354	168.9	m	m	978	1013
21	355	69.2	m	m	980	1015
22	356	56.3	m	m	980	1015
23	357	172.1	m	m	977	1013
24	358	189.8	m	m	975	1010
25	359	125.5	m	m	981	1017
26	360	98.1	m	m	983	1019
27	361	165.6	m	m	979	1014
28	362	260.6	m	m	978	1014
29	363	154.4	m	m	984	1020
30	364	101.3	m	m	982	1018
31	365	106.2	m	m	983	1019
Mean		161.4	m	m	980	1015
Abs. Max.		369.9	m	m	984	1020
Abs. Min.		56.3	m	m	975	1010

**TEL HADYA - DAILY WIND AND AIR PRESSURE
JANUARY 1991**

Day	Jul. Day	Wind Run 2m km/d	Mean Wind Vel.10m km/d	Max. Wind Vel.10m km/d	Atmos. Press. Stn. hPa	Atmos. Press. Sealvl. hPa
1	1	123.8	m	m	980	1015
2	2	46.6	m	m	979	1014
3	3	183.4	m	m	975	1011
4	4	72.4	m	m	980	1015
5	5	37.0	m	m	982	1018
6	6	127.1	m	m	983	1019
7	7	143.1	m	m	981	1016
8	8	107.8	m	m	984	1019
9	9	82.0	m	m	986	1022
10	10	51.5	m	m	985	1020
11	11	149.6	m	m	984	1020
12	12	250.9	m	m	984	1020
13	13	147.9	m	m	982	1018
14	14	231.6	m	m	979	1015
15	15	188.1	m	m	979	1014
16	16	146.4	m	m	977	1012
17	17	120.6	m	m	976	1011
18	18	136.7	m	m	978	1013
19	19	183.4	m	m	981	1017
20	20	273.4	m	m	982	1017
21	21	160.8	m	m	979	1015
22	22	217.1	m	m	979	1015
23	23	170.4	m	m	982	1018
24	24	136.7	m	m	978	1014
25	25	106.2	m	m	976	1012
26	26	85.2	m	m	979	1015
27	27	151.2	m	m	985	1021
28	28	357.1	m	m	986	1021
29	29	392.4	m	m	977	1012
30	30	172.1	m	m	971	1007
31	31	267.0	m	m	969	1004
Mean		161.9	m	m	980	1015
Abs.Max.		392.4	m	m	986	1022
Abs.Min.		37.0	m	m	969	1004

**TEL HADYA - DAILY WIND AND AIR PRESSURE
FEBRUARY 1991**

Day	Jul. Day	Wind Run 2m km/d	Mean Wind Vel.10m km/d	Max. Wind Vel.10m km/d	Atmos. Press. Stn. hPa	Atmos. Press. Sealvl. hPa
1	32	231.6	m	m	979	1014
2	33	287.9	m	m	979	1014
3	34	540.4	m	m	970	1005
4	35	228.4	m	m	981	1017
5	36	323.3	m	m	986	1021
6	37	159.2	m	m	982	1018
7	38	74.0	m	m	977	1013
8	39	141.5	m	m	978	1014
9	40	99.7	m	m	984	1020
10	41	143.1	m	m	985	1021
11	42	75.6	m	m	985	1021
12	43	154.4	m	m	984	1020
13	44	268.6	m	m	983	1019
14	45	199.4	m	m	986	1022
15	46	305.6	m	m	984	1019
16	47	199.4	m	m	971	1006
17	48	173.7	m	m	977	1012
18	49	133.5	m	m	982	1016
19	50	107.8	m	m	976	1011
20	51	104.5	m	m	975	1010
21	52	149.6	m	m	981	1016
22	53	498.6	m	m	981	1016
23	54	302.4	m	m	979	1014
24	55	342.6	m	m	979	1013
25	56	204.3	m	m	976	1011
26	57	257.3	m	m	973	1008
27	58	157.6	m	m	976	1011
28	59	205.9	m	m	980	1015
Mean		216.8	m	m	980	1015
Abs.Max.		540.4	m	m	986	1022
Abs.Min.		74.0	m	m	970	1005

**TEL HADYA - DAILY WIND AND AIR PRESSURE
MARCH 1991**

Day	Jul. Day	Wind Run 2m km/d	Mean Wind Vel.10m km/d	Max. Wind Vel.10m km/d	Atmos. Press. Stn. hPa	Atmos. Press. Sealvl. hPa
1	60	160.8	m	m	978	1013
2	61	185.0	m	m	978	1013
3	62	138.3	m	m	980	1014
4	63	230.0	m	m	972	1007
5	64	191.4	m	m	979	1014
6	65	522.7	m	m	980	1016
7	66	345.8	m	m	977	1012
8	67	387.6	m	m	977	1012
9	68	204.3	m	m	976	1012
10	69	178.5	m	m	979	1015
11	70	395.7	m	m	978	1013
12	71	234.8	m	m	973	1008
13	72	122.2	m	m	973	1008
14	73	186.6	m	m	976	1011
15	74	188.2	m	m	978	1013
16	75	294.3	m	m	979	1014
17	76	271.8	m	m	978	m
18	77	156.0	m	m	976	1011
19	78	179.1	m	m	981	1016
20	79	179.1	m	m	979	1014
21	80	323.3	m	m	972	1006
22	81	497.0	m	m	967	1002
23	82	234.8	m	m	957	992
24	83	217.1	m	m	971	1005
25	84	230.7	m	m	975	1010
26	85	135.1	m	m	975	1009
27	86	154.4	m	m	974	1008
28	87	102.9	m	m	976	1010
29	88	139.9	m	m	977	1011
30	89	279.9	m	m	976	1010
31	90	260.6	m	m	976	1010
Mean		236.4	m	m	976	(1010)
Abs.Max.		522.7	m	m	981	(1016)
Abs.Min.		102.9	m	m	957	(992)

**TEL HADYA - DAILY WIND AND AIR PRESSURE
APRIL 1991**

Day	Jul. Day	Wind Run 2m km/d	Mean Wind Vel.10m km/d	Max. Wind Vel.10m km/d	Atmos. Press. Stn. hPa	Atmos. Press. Sealvl. hPa
1	91	119.0	m	m	973	1006
2	92	258.9	m	m	979	1013
3	93	318.5	m	m	978	1012
4	94	295.9	m	m	979	1013
5	95	284.7	m	m	978	1013
6	96	176.9	m	m	974	1008
7	97	268.6	m	m	974	1008
8	98	258.9	m	m	974	1008
9	99	254.3	m	m	974	1008
10	100	207.5	m	m	976	1011
11	101	217.1	m	m	975	1010
12	102	257.3	m	m	974	1008
13	103	85.2	m	m	973	1007
14	104	213.9	m	m	971	1005
15	105	162.4	m	m	967	1001
16	106	345.8	m	m	969	1003
17	107	244.5	m	m	975	1009
18	108	117.4	m	m	975	1009
19	109	197.1	m	m	975	1009
20	110	270.2	m	m	973	1007
21	111	220.3	m	m	974	1008
22	112	143.1	m	m	975	1009
23	113	201.0	m	m	974	1007
24	114	217.1	m	m	977	1010
25	115	287.9	m	m	974	1007
26	116	143.1	m	m	974	1008
27	117	107.8	m	m	973	1007
28	118	107.8	m	m	972	1005
29	119	117.4	m	m	973	1007
30	120	194.6	m	m	973	1007
Mean		209.8	m	m	974	1008
Abs.Max.		345.8	m	m	979	1013
Abs.Min.		85.2	m	m	967	1001

**TEL HADYA - DAILY WIND AND AIR PRESSURE
MAY 1991**

Day	Jul. Day	Wind Run 2m km/d	Mean Wind Vel.10m km/d	Max. Wind Vel.10m km/d	Atmos. Press. Stn. hPa	Atmos. Press. Sealvl. hPa
1	121	289.5	m	m	973	1007
2	122	262.2	m	m	979	1013
3	123	207.5	m	m	978	1012
4	124	143.1	m	m	979	1012
5	125	115.8	m	m	978	1012
6	126	250.9	m	m	974	1008
7	127	250.9	m	m	974	1007
8	128	218.7	m	m	974	1007
9	129	389.2	m	m	974	1007
10	130	202.7	m	m	976	1010
11	131	210.7	m	m	976	1010
12	132	299.2	m	m	974	1007
13	133	226.8	m	m	973	1006
14	134	278.6	m	m	971	1004
15	135	196.2	m	m	967	1001
16	136	540.4	m	m	969	1003
17	137	352.2	m	m	975	1009
18	138	225.2	m	m	975	1008
19	139	112.6	m	m	975	1009
20	140	334.5	m	m	973	1006
21	141	599.9	m	m	974	1008
22	142	373.1	m	m	975	1009
23	143	287.7	m	m	974	1007
24	144	102.9	m	m	977	1010
25	145	194.6	m	m	973	1007
26	146	368.3	m	m	974	1007
27	147	451.9	m	m	973	1006
28	148	358.7	m	m	972	1006
29	149	189.9	m	m	972	1006
30	150	231.6	m	m	975	1009
31	151	207.5	m	m	976	1010
Mean		273.3	m	m	974	1008
Abs.Max.		599.9	m	m	979	1013
Abs.Min.		102.9	m	m	967	1001

**TEL HADYA - DAILY WIND AND AIR PRESSURE
JUNE 1991**

Day	Jul. Day	Wind Run 2m km/d	Mean Wind Vel.10m km/d	Max. Wind Vel.10m km/d	Atmos. Press. Stn. hPa	Atmos. Press. Sealvl. hPa
1	152	379.6	m	m	975	1009
2	153	398.9	m	m	975	1008
3	154	278.2	m	m	975	1008
4	155	413.3	m	m	972	1005
5	156	450.3	m	m	972	1005
6	157	596.7	m	m	970	1003
7	158	390.8	m	m	970	1004
8	159	242.9	m	m	970	1003
9	160	326.5	m	m	969	1002
10	161	567.7	m	m	967	1000
11	162	511.5	m	m	967	1000
12	163	283.1	m	m	967	1000
13	164	283.1	m	m	968	1001
14	165	287.9	m	m	969	1002
15	166	257.3	m	m	970	1003
16	167	226.8	m	m	975	1008
17	168	217.1	m	m	975	1008
18	169	312.0	m	m	971	1004
19	170	329.7	m	m	967	1000
20	171	361.9	m	m	968	1001
21	172	366.7	m	m	968	1001
22	173	349.0	m	m	969	1001
23	174	143.0	m	m	969	1002
24	175	275.0	m	m	969	1002
25	176	599.9	m	m	967	1000
26	177	546.8	m	m	964	1000
27	178	289.5	m	m	964	997
28	179	466.4	m	m	968	1000
29	180	299.2	m	m	969	1002
30	181	571.0	m	m	969	1002
Mean		367.4	m	m	970	1003
Abs.Max.		599.9	m	m	975	1009
Abs.Min.		143.0	m	m	964	997

**TEL HADYA - DAILY WIND AND AIR PRESSURE
JULY 1991**

Day	Jul. Day	Wind Run 2m km/d	Mean Wind Vel.10m km/d	Max. Wind Vel.10m km/d	Atmos. Press. Stn. hPa	Atmos. Press. Sealvl. hPa
1	182	673.9	m	m	966	999
2	183	553.3	m	m	970	1003
3	184	451.9	m	m	970	1003
4	185	472.9	m	m	970	1003
5	186	608.0	m	m	969	1002
6	187	616.0	m	m	970	1003
7	188	635.3	m	m	970	1003
8	189	690.0	m	m	968	1001
9	190	636.9	m	m	969	1002
10	191	384.4	m	m	969	1002
11	192	270.2	m	m	970	1003
12	193	267.0	m	m	968	1000
13	194	456.8	m	m	966	999
14	195	516.3	m	m	965	998
15	196	672.3	m	m	965	997
16	197	627.3	m	m	965	998
17	198	640.1	m	m	967	999
18	199	709.3	m	m	965	998
19	200	570.9	m	m	966	998
20	201	242.9	m	m	967	1000
21	202	414.4	m	m	967	1000
22	203	702.8	m	m	965	997
23	204	656.2	m	m	964	999
24	205	646.6	m	m	964	997
25	206	760.1	m	m	966	999
26	207	801.0	m	m	963	996
27	208	548.4	m	m	963	996
28	209	571.0	m	m	966	999
29	210	615.4	m	m	968	1001
30	211	709.3	m	m	967	1000
31	212	664.2	m	m	966	999
Mean		573.7	m	m	967	1000
Abs.Max.		801.0	m	m	970	1003
Abs.Min.		242.9	m	m	963	996

**TEL HADYA - DAILY WIND AND AIR PRESSURE
AUGUST 1991**

Day	Jul. Day	Wind Run 2m km/d	Mean Wind Vel.10m km/d	Max. Wind Vel.10m km/d	Atmos. Press. Stn. hPa	Atmos. Press. Sealvl. hPa
1	213	524.3	m	m	965	998
2	214	575.8	m	m	964	997
3	215	683.5	m	m	965	998
4	216	825.1	m	m	967	1000
5	217	725.4	m	m	965	998
6	218	608.0	m	m	964	997
7	219	427.8	m	m	967	999
8	220	332.9	m	m	968	1001
9	221	435.9	m	m	969	1001
10	222	743.1	m	m	966	999
11	223	516.3	m	m	966	999
12	224	234.8	m	m	967	1000
13	225	345.8	m	m	967	1000
14	226	654.6	m	m	965	998
15	227	699.6	m	m	966	998
16	228	738.2	m	m	966	999
17	229	762.4	m	m	966	999
18	230	706.1	m	m	967	1001
19	231	627.3	m	m	968	1000
20	232	567.7	m	m	967	1000
21	233	525.9	m	m	967	1000
22	234	620.8	m	m	968	1001
23	235	566.1	m	m	968	1001
24	236	381.2	m	m	968	1001
25	237	331.3	m	m	967	1000
26	238	411.7	m	m	969	1002
27	239	590.3	m	m	970	1003
28	240	678.7	m	m	967	1000
29	241	591.9	m	m	968	1001
30	242	519.5	m	m	970	1003
31	243	316.8	m	m	970	1003
Mean		557.1	m	m	967	1000
Abs.Max.		825.1	m	m	970	1003
Abs.Min.		234.8	m	m	964	997

BREDA

(SYRIA)

1990-1991 Season

Latitude	Longitude	Elevation
35°56'N	37°10'E	300 m

**Mean maximum and minimum air temperature (°C)
from 1979-80 to 1990-91 season at BREDA**

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Mean
Maximum Temperature													
1979-80	m	m	(20.1)	11.4	7.6	11.8	15.6	21.5	28.7	m	m	m	(16.5)
1980-81	(30.0)	27.6	20.5	12.3	10.9	14.2	18.3	23.2	27.8	35.3	38.8	37.7	(24.4)
1981-82	36.1	30.4	16.8	14.3	10.6	10.4	15.3	23.4	27.3	32.8	31.8	35.0	23.7
1982-83	33.3	25.9	13.6	11.2	9.0	10.3	16.5	21.7	29.1	33.3	36.1	36.0	23.0
1983-84	33.4	27.2	20.2	14.4	12.1	15.3	18.4	21.9	30.7	34.0	36.7	35.7	25.2
1984-85	33.4	26.5	15.8	9.4	10.8	9.4	17.0	24.6	31.0	34.3	36.2	38.5	23.9
1985-86	31.9	23.9	21.4	12.2	10.2	13.7	18.2	25.5	26.7	33.2	37.4	37.8	24.3
1986-87	35.2	26.5	15.8	12.4	12.3	15.5	13.6	22.7	29.9	34.2	38.5	37.8	24.5
1987-88	34.2	25.3	17.9	11.5	10.5	11.7	16.0	22.8	31.7	36.3	39.6	37.4	24.6
1988-89	34.5	25.1	15.2	11.7	11.3	15.0	20.9	31.3	31.9	34.3	38.5	36.9	25.6
1989-90	33.9	25.8	18.4	11.1	10.3	12.9	19.6	24.9	31.1	34.9	37.6	38.3	24.9
1990-91	(33.9)	28.7	21.4	14.5	10.1	12.7	17.8	23.8	25.7	34.9	35.8	37.0	(24.6)
Mean	33.9	26.6	17.9	12.2	10.4	12.7	17.2	23.9	29.3	34.3	37.0	37.1	24.4
Minimum Temperature													
1979-80	m	m	(7.3)	3.5	1.1	2.3	6.0	7.9	10.6	m	m	m	(5.4)
1980-81	(11.0)	8.9	4.4	0.3	2.7	3.2	6.3	6.9	10.4	17.4	20.1	20.3	(9.2)
1981-82	16.2	11.6	4.4	4.6	3.2	-0.6	1.8	7.9	11.9	15.0	19.8	17.0	9.4
1982-83	15.0	10.8	1.3	1.7	-0.1	0.3	3.6	5.8	11.5	14.8	19.1	18.4	8.5
1983-84	14.6	9.4	8.9	2.0	2.2	1.1	4.7	7.1	14.5	15.9	19.0	18.6	9.8
1984-85	14.0	7.9	7.8	-0.4	4.1	1.0	3.0	8.5	13.2	16.2	17.9	19.6	9.4
1985-86	13.4	7.6	7.4	0.5	1.6	2.7	4.0	9.4	12.2	18.0	20.9	21.6	9.4
1986-87	18.3	12.5	2.4	-0.9	2.7	4.4	2.5	6.7	11.3	16.5	20.8	20.6	9.8
1987-88	15.8	11.7	5.0	4.4	2.4	3.7	5.5	9.6	12.9	18.1	16.6	19.7	10.5
1988-89	15.4	10.8	4.3	2.1	-2.4	-0.9	6.0	10.0	12.8	17.2	19.9	20.1	9.6
1989-90	16.5	11.3	6.7	3.7	-1.3	1.9	2.9	7.9	13.1	17.1	21.2	19.5	10.0
1990-91	(15.7)	12.5	7.6	2.1	1.1	1.7	6.9	8.5	10.2	16.9	21.4	21.2	(10.4)
Mean	15.4	10.4	5.4	1.9	1.4	1.7	4.4	8.0	12.1	16.6	19.7	19.6	9.7

**Total monthly precipitation (mm)
from 1979-80 to 1990-91 season at BRENDA**

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Precipitation													
1979-80	m	m	(30.3)	54.1	37.6	31.7	61.5	41.2	12.3	(0.0)	m	m	(268)
1980-81	0.0	8.6	6.2	70.8	39.3	48.6	49.0	22.0	32.4	15.0	7.0	0.0	299
1981-82	0.0	4.0	76.0	42.4	63.0	32.4	20.2	35.0	49.0	2.0	0.0	0.0	324
1982-83	7.0	18.0	28.0	60.7	13.6	61.2	31.8	35.8	22.6	6.0	0.0	0.0	285
1983-84	0.0	8.0	45.0	14.4	43.6	14.8	42.8	35.4	0.0	0.0	0.0	0.0	204
1984-85	0.0	23.2	37.0	16.8	87.4	57.8	18.4	27.6	8.4	0.0	0.0	0.0	277
1985-86	0.0	17.0	4.4	37.2	57.7	57.6	19.0	15.0	10.4	0.0	0.0	0.0	218
1986-87	0.0	23.0	25.4	33.2	66.8	31.6	47.2	17.4	0.0	0.0	0.0	0.0	245
1987-88	0.0	68.2	36.4	41.0	85.6	82.4	65.6	19.4	9.8	6.4	0.0	0.0	415
1988-89	0.0	52.8	45.6	65.4	1.2	2.0	12.6	0.0	14.2	1.0	0.0	0.0	195
1989-90	0.0	24.6	27.8	34.2	37.0	42.6	8.4	3.0	5.6	0.0	0.0	0.0	183
1990-91	0.0	4.4	26.2	12.4	50.9	20.6	60.0	35.2	31.6	0.0	0.0	0.0	241
Mean	0.6	22.8	32.5	40.2	48.6	40.2	36.3	23.9	16.3	2.7	0.6	0.0	263

**FROST EVENTS AT BRED A
FROM 1979-80 TO 1990-91 SEASON**

	Nov	Dec	Jan	Feb	Mar	Apr	Total
1979-1980 Season							
Number of frost days	.	10	11	6	1	1	29
Absolute Minimum		-7.0	-4.5	-7.0	0.0	-1.8	-7.0
1980-1981 Season							
Number of frost days	8	14	6	6	.	3	37
Absolute Minimum	-6.5	-4.5	-5.0	-2.0		-2.2	-6.5
1981-1982 Season							
Number of frost days	4	.	9	17	9	1	40
Absolute Minimum	-3.0		-6.0	-8.0	-4.8	-1.2	-8.0
1982-1983 Season							
Number of frost days	11	14	16	15	6	.	62
Absolute Minimum	-4.2	-4.2	-9.8	-4.5	-7.2		-9.8
1983-1984 Season							
Number of frost days	.	10	9	11	2	.	32
Absolute Minimum		-5.0	-3.0	-4.3	-1.0		-5.0
1984-1985 Season							
Number of frost days	1	16	3	12	10	.	42
Absolute Minimum	0.0	-5.5	-2.8	-8.1	-9.6		-9.6
1985-1986 Season							
Number of frost days	.	14	13	4	3	.	34
Absolute Minimum		-8.0	-6.2	-1.0	-1.4		-8.0
1986-1987 Season							
Number of frost days	14	17	8	.	8	.	47
Absolute Minimum	-4.0	-8.0	-2.0		-2.7		-8.0
1987-1988 Season							
Number of frost days	2	8	8	5	1	.	24
Absolute Minimum	-0.3	-8.0	-2.8	-2.0	-3.0		-8.0
1988-1989 Season							
Number of frost days	4	8	22	16	2	.	52
Absolute Minimum	-5.8	-4.0	-8.8	-9.4	-0.8		-9.4
1989-1990 Season							
Number of frost days	2	6	20	12	7	2	49
Absolute Minimum	-2.0	-4.4	-7.2	-4.6	-7.2	-1.1	-7.1
1990-1991 Season							
Number of frost days	.	10	14	9	2	.	35
Absolute Minimum		-6.9	-4.2	-4.6	-5.7		-6.9

BREDA 1990/91
Air Temperature

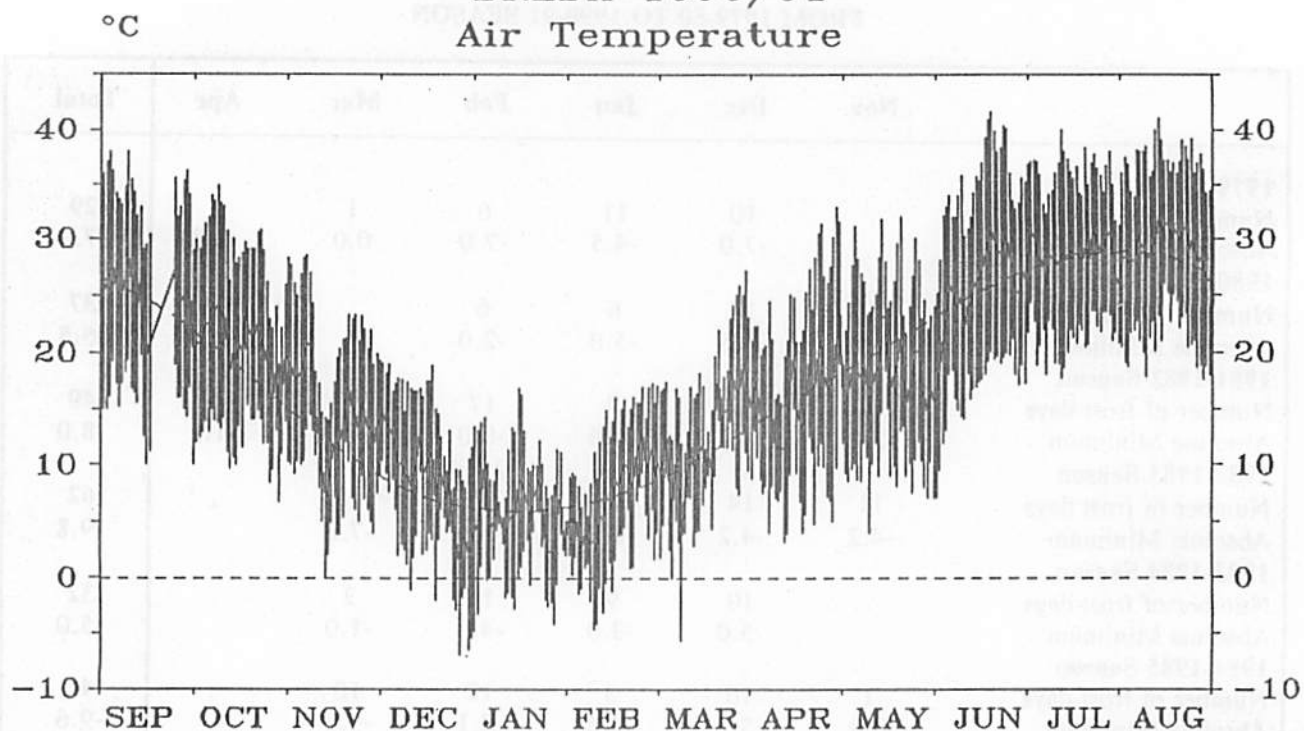


Figure 9: Daily maximum and minimum air temperature (vertical bars) and daily mean air temperature during 1990/91 (thin solid line) compared to the long term average (broken line).

BREDA 1990/91
Cumulative Rainfall

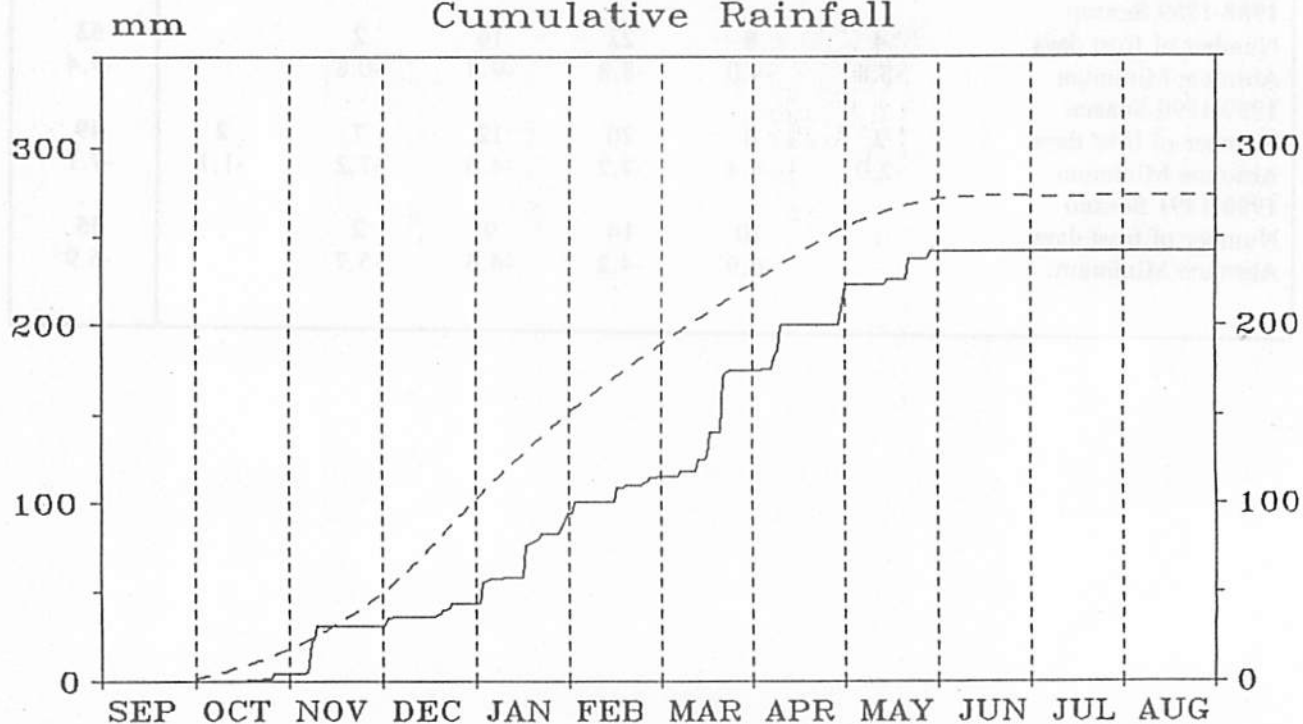


Figure 10: Cumulative daily rainfall 1990/91 compared to the long term average (broken line).

BREDA - MONTHLY SUMMARY OF CLIMATIC DATA I
SEASON 1990/91

Month	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m²	Rain Met. Stn. mm
September					
Mean/Tot.	(33.9)	(15.7)	(24.8)	25.3	0.0
Abs.Max.	(38.0)	(19.8)	(28.6)	28.8	0.0
Abs.Min.	(28.9)	(10.0)	(19.5)	21.2	0.0
October					
Mean/Tot.	28.7	12.5	20.6	19.5	4.4
Abs.Max.	34.9	20.2	24.9	24.3	3.0
Abs.Min.	19.0	6.7	12.9	12.0	0.0
November					
Mean/Tot.	21.4	7.6	14.5	15.4	26.2
Abs.Max.	28.5	14.4	20.8	18.8	16.6
Abs.Min.	13.9	0.1	7.1	11.1	0.0
December					
Mean/Tot.	14.5	2.1	8.3	13.2	12.4
Abs.Max.	19.1	10.2	14.6	17.4	4.6
Abs.Min.	8.0	-6.9	1.3	4.0	0.0
January					
Mean/Tot.	10.1	1.1	5.6	11.7	50.9
Abs.Max.	16.8	6.1	10.1	17.7	18.2
Abs.Min.	4.0	-4.2	2.0	6.3	0.0
February					
Mean/Tot.	12.7	1.7	7.2	15.6	20.6
Abs.Max.	17.2	9.2	13.1	22.0	8.0
Abs.Min.	5.4	-4.6	2.3	6.5	0.0
March					
Mean/Tot.	17.8	6.9	12.3	18.8	60.0
Abs.Max.	27.1	13.9	19.0	26.8	30.4
Abs.Min.	11.0	-5.7	3.0	8.9	0.0
April					
Mean/Tot.	23.8	8.5	16.1	24.4	35.2
Abs.Max.	33.0	19.0	25.3	31.7	13.0
Abs.Min.	15.5	3.2	11.4	13.0	0.0
May					
Mean/Tot.	25.7	10.2	17.9	28.3	31.6
Abs.Max.	32.0	18.3	23.2	35.1	13.2
Abs.Min.	19.0	3.9	13.8	11.6	0.0
June					
Mean/Tot.	34.9	16.9	25.9	(30.9)	0.0
Abs.Max.	41.5	21.1	30.8	(33.3)	0.0
Abs.Min.	25.2	7.0	16.1	(18.6)	0.0
July					
Mean/Tot.	35.8	21.4	28.6	31.2	0.0
Abs.Max.	39.9	24.3	30.8	33.8	0.0
Abs.Min.	31.2	17.7	25.2	27.6	0.0
August					
Mean/Tot.	37.0	21.2	29.1	28.6	0.0
Abs.Max.	41.0	26.0	32.1	30.1	0.0
Abs.Min.	33.9	17.6	26.1	26.7	0.0
Season					
Mean/Tot.	(24.6)	(10.4)	(17.5)	(21.9)	241.3
Abs.Max.	(41.5)	(26.0)	(32.1)	(35.1)	30.4
Abs.Min.	(4.0)	(-6.9)	(1.3)	(4.0)	0.0

BREDA - MONTHLY SUMMARY OF CLIMATIC DATA II
SEASON 1990/91

Month	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
September					
Mean	(83.2)	(29.1)	(56.8)	(259.5)	10.9
Abs.Max.	(94.0)	(38.0)	(65.2)	(584.5)	14.0
Abs.Min.	(61.0)	(14.0)	(43.2)	(118.0)	8.9
October					
Mean	73.3	33.4	53.4	208.5	7.8
Abs.Max.	99.2	54.9	71.6	500.2	11.6
Abs.Min.	40.4	20.0	34.1	82.4	2.8
November					
Mean	83.9	37.6	60.7	172.6	3.7
Abs.Max.	98.4	53.0	75.5	380.4	7.0
Abs.Min.	59.3	23.7	41.5	51.6	2.2
December					
Mean	93.9	49.1	71.5	167.4	2.5
Abs.Max.	100.0	77.3	87.4	438.0	6.6
Abs.Min.	70.0	25.0	56.8	72.2	0.6
January					
Mean	95.5	60.3	77.9	158.5	1.4
Abs.Max.	100.0	96.5	96.5	455.8	2.9
Abs.Min.	75.0	25.2	58.6	57.3	0.3
February					
Mean	91.8	43.1	67.4	241.9	3.2
Abs.Max.	100.0	68.6	84.3	721.0	9.4
Abs.Min.	64.0	17.4	45.3	81.9	1.0
March					
Mean	84.1	41.8	63.0	240.6	(4.4)
Abs.Max.	100.0	73.0	81.1	574.3	(7.5)
Abs.Min.	50.4	6.2	37.0	64.5	(0.7)
April					
Mean	88.3	35.0	61.7	215.4	7.2
Abs.Max.	100.0	64.0	82.0	367.5	10.8
Abs.Min.	69.0	15.0	46.8	86.2	3.1
May					
Mean	97.4	44.8	71.1	269.1	10.2
Abs.Max.	100.0	81.2	90.6	544.7	15.7
Abs.Min.	82.0	27.1	56.9	112.8	4.3
June					
Mean	94.5	42.7	68.6	323.6	15.7
Abs.Max.	100.0	57.0	77.5	578.7	19.6
Abs.Min.	77.0	27.3	52.2	117.6	9.8
July					
Mean	91.8	42.0	66.9	491.9	17.4
Abs.Max.	100.0	57.6	76.5	815.5	19.2
Abs.Min.	62.0	25.0	44.8	231.3	15.4
August					
Mean	95.0	41.1	68.1	430.0	15.9
Abs.Max.	100.0	57.0	78.4	684.8	18.4
Abs.Min.	81.0	29.4	55.8	153.4	11.9
Season					
Mean	(89.5)	(42.0)	(65.8)	(265.4)	(8.4)
Abs.Max.	(100.0)	(96.5)	(96.5)	(815.5)	(19.6)
Abs.Min.	(40.4)	(6.2)	(34.1)	(51.6)	(0.3)

**BREDA - MONTHLY SUMMARY OF SOIL TEMPERATURE
SEASON 1990/91**

Month	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
September									
Mean	37.9	23.5	(30.7)	33.9	(29.9)	(32.1)	29.9	(27.4)	(28.7)
Abs.Max.	41.1	25.4	(32.8)	36.5	(31.9)	(34.0)	31.8	(29.0)	(30.3)
Abs.Min.	33.3	19.9	(26.6)	25.3	(28.0)	(30.0)	27.9	(25.3)	(26.6)
October									
Mean	31.2	19.2	25.2	28.8	25.3	27.1	25.0	22.9	23.9
Abs.Max.	36.4	21.9	29.0	32.0	27.8	29.8	27.9	25.2	26.5
Abs.Min.	24.9	13.3	19.1	25.0	21.1	23.1	21.4	19.1	20.3
November									
Mean	21.0	12.1	16.6	20.4	16.9	18.7	17.3	15.2	16.3
Abs.Max.	29.2	18.5	23.3	26.8	23.2	24.9	22.8	20.8	21.8
Abs.Min.	15.2	5.1	10.6	16.2	12.1	14.2	13.8	11.3	12.6
December									
Mean	15.6	7.6	11.6	14.3	11.5	12.9	11.6	9.8	10.8
Abs.Max.	19.9	13.2	16.4	18.0	15.7	16.9	15.1	13.7	14.4
Abs.Min.	8.9	1.0	5.7	9.0	6.1	7.7	6.8	5.0	6.0
January									
Mean	(11.6)	(5.8)	(8.8)	10.1	7.6	8.9	8.1	6.4	7.2
Abs.Max.	(14.6)	(9.3)	(11.3)	12.0	10.0	10.9	10.0	8.5	8.9
Abs.Min.	(7.0)	(2.2)	(5.9)	7.9	5.0	6.5	5.6	4.0	5.0
February									
Mean	13.7	6.5	10.2	11.2	8.5	9.9	8.6	6.9	7.7
Abs.Max.	19.9	11.6	15.8	15.4	12.0	13.7	12.2	10.0	11.1
Abs.Min.	7.2	2.9	5.3	6.8	5.2	6.3	4.9	4.0	4.5
March									
Mean	(20.0)	(11.4)	(15.7)	16.5	13.1	14.8	13.6	11.5	12.6
Abs.Max.	(29.0)	(16.9)	(22.6)	23.0	18.1	20.5	19.6	16.6	17.9
Abs.Min.	(12.8)	(4.5)	(9.9)	11.8	8.2	10.0	9.2	7.3	8.3
April									
Mean	26.8	15.9	21.4	22.2	18.3	20.3	19.0	16.5	17.8
Abs.Max.	33.2	23.1	27.6	26.8	24.0	25.4	23.0	21.4	22.2
Abs.Min.	18.9	10.9	15.6	16.8	14.0	15.9	14.9	12.8	14.0
May									
Mean	33.4	20.6	27.1	28.7	23.8	26.2	24.5	21.4	23.0
Abs.Max.	39.0	24.9	31.6	31.8	26.8	29.3	27.0	24.0	25.5
Abs.Min.	25.6	15.6	22.0	24.4	19.0	21.7	20.7	17.2	19.0
June									
Mean	42.7	26.6	34.7	34.9	29.9	32.4	30.6	27.6	29.2
Abs.Max.	47.3	30.1	38.6	38.3	33.6	35.7	34.0	31.0	32.5
Abs.Min.	35.8	19.2	27.5	29.8	23.3	26.6	25.0	21.0	23.0
July									
Mean	44.1	29.3	36.7	36.7	32.6	34.7	32.1	30.0	31.1
Abs.Max.	46.9	31.0	38.4	38.0	33.9	35.9	33.2	31.0	32.1
Abs.Min.	41.0	27.0	34.1	35.0	31.0	33.0	30.9	28.9	29.9
August									
Mean	41.5	30.1	35.9	36.9	32.7	34.9	32.5	30.4	31.5
Abs.Max.	45.5	32.0	37.7	39.0	34.1	36.4	34.1	31.6	32.7
Abs.Min.	38.4	27.5	33.1	35.0	30.7	32.9	31.0	28.9	30.0
Season									
Mean	(28.6)	(17.5)	(23.1)	24.6	(20.9)	(22.8)	21.2	(18.9)	(20.0)
Abs.Max.	(47.3)	(32.0)	(38.6)	39.0	(34.1)	(36.4)	34.1	(31.6)	(32.7)
Abs.Min.	(7.0)	(1.0)	(5.3)	6.8	(5.0)	(6.3)	4.9	(4.0)	(4.5)

**BREDA - WEEKLY SUMMARY OF CLIMATIC DATA I
SEASON 1990/91**

Week Starting §=8 days	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
27-Aug	37.1	16.8	27.0	28.2	0.0
3-Sep	35.4	17.5	26.5	26.7	0.0
10-Sep	32.0	14.6	23.3	25.9	0.0
17-Sep	m	m	m	24.8	0.0
24-Sep	33.6	15.3	24.5	23.0	0.0
1-Oct	31.4	13.3	22.3	22.7	0.0
8-Oct	30.9	11.8	21.3	21.4	0.0
15-Oct	29.1	14.7	21.9	17.4	0.6
22-Oct	24.9	10.8	17.8	17.0	3.8
29-Oct	26.0	10.6	18.3	17.8	0.0
5-Nov	22.6	10.6	16.6	14.5	26.2
12-Nov	17.4	3.8	10.6	17.0	0.0
19-Nov	22.5	8.0	15.2	14.5	0.0
26-Nov	19.7	7.3	13.5	13.3	0.0
3-Dec	17.2	4.4	10.8	13.1	5.2
10-Dec	16.8	3.2	10.0	14.0	0.0
17-Dec	13.4	3.5	8.5	12.3	4.2
24-Dec§	9.9	-3.9	3.0	13.7	3.0
1-Jan	11.1	1.3	6.2	10.7	13.7
8-Jan	10.5	0.0	5.2	12.0	0.8
15-Jan	11.5	3.1	7.3	10.5	22.4
22-Jan	9.0	-0.7	4.1	15.3	2.4
29-Jan	7.2	0.9	4.0	10.6	18.8
5-Feb	9.5	-1.9	3.8	16.5	0.0
12-Feb	14.3	1.9	8.1	14.9	8.0
19-Feb	15.2	5.3	10.3	16.6	2.8
26-Feb	16.8	4.4	10.6	18.0	3.8
5-Mar	13.3	2.3	7.8	19.2	2.4
12-Mar	15.5	5.9	10.7	14.5	22.2
19-Mar	18.8	10.8	14.8	18.0	34.2
26-Mar	24.4	9.8	17.1	24.3	0.0
2-Apr	21.6	8.5	15.1	21.7	7.6
9-Apr	19.7	7.5	13.6	21.8	18.0
16-Apr	24.0	7.7	15.9	27.1	0.0
23-Apr	29.3	8.6	18.9	28.1	0.0
30-Apr	26.2	11.0	18.6	25.8	22.8
7-May	25.3	9.4	17.4	27.8	0.0
14-May	28.0	12.5	20.3	28.5	2.4
21-May	25.2	10.3	17.8	30.1	12.0
28-May	25.6	8.6	17.1	29.7	4.0
4-Jun	33.0	15.5	24.2	(31.9)	0.0
11-Jun	34.9	17.2	26.1	(27.7)	0.0
18-Jun	39.8	19.5	29.7	31.7	0.0
25-Jun	34.8	19.1	26.9	31.4	0.0
2-Jul	35.3	21.3	28.3	32.0	0.0
9-Jul	37.0	19.8	28.4	32.1	0.0
16-Jul	35.8	21.6	28.7	30.8	0.0
23-Jul	36.3	22.8	29.5	30.4	0.0
30-Jul	34.5	20.6	27.6	29.9	0.0
6-Aug	37.8	20.8	29.3	29.0	0.0
13-Aug	37.7	24.0	30.8	28.4	0.0
20-Aug	37.7	21.3	29.5	28.0	0.0
27-Aug	35.0	18.1	26.6	27.8	0.0

BREDA - WEEKLY SUMMARY OF CLIMATIC DATA II
SEASON 1990/91

Week Starting §=8 days	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
27-Aug	84.8	26.4	55.6	287.1	13.9
3-Sep	86.0	31.3	(61.8)	(245.0)	11.6
10-Sep	(82.3)	31.5	(56.5)	274.5	11.4
17-Sep	m	m	m	233.8	10.1
24-Sep	82.1	26.9	54.5	290.2	9.8
1-Oct	75.3	28.0	51.7	147.7	8.5
8-Oct	69.6	28.0	48.8	229.7	9.0
15-Oct	56.5	32.4	44.4	265.9	9.2
22-Oct	88.6	45.6	67.1	198.7	5.6
29-Oct	82.0	33.7	57.8	173.0	5.1
5-Nov	79.0	37.1	58.1	203.4	4.4
12-Nov	81.1	32.1	56.6	167.5	3.3
19-Nov	86.1	40.2	63.2	156.9	3.1
26-Nov	89.3	46.2	67.8	172.2	3.4
3-Dec	97.2	56.0	76.6	176.9	2.3
10-Dec	92.6	45.9	69.2	209.5	3.7
17-Dec	95.6	55.7	75.7	145.5	2.1
24-Dec§	93.8	40.2	67.0	138.0	1.6
1-Jan	96.4	70.6	83.5	106.1	1.2
8-Jan	94.6	58.4	76.5	112.1	1.5
15-Jan	98.5	68.7	83.6	181.4	1.2
22-Jan	91.4	37.6	64.5	198.4	1.9
29-Jan	95.8	61.1	78.5	309.5	1.6
5-Feb	90.3	39.5	64.9	160.9	2.4
12-Feb	95.9	41.7	68.8	197.7	3.0
19-Feb	84.8	41.6	63.2	307.3	4.6
26-Feb	96.5	42.7	69.6	205.1	3.6
5-Mar	73.0	31.4	52.2	320.1	5.0
12-Mar	83.6	43.3	63.5	242.4	4.1
19-Mar	84.5	56.0	70.3	280.4	(3.6)
26-Mar	87.2	37.0	62.1	130.4	5.1
2-Apr	87.6	32.9	60.3	262.3	6.8
9-Apr	87.2	39.2	63.2	213.9	5.3
16-Apr	82.1	27.0	54.5	214.3	7.9
23-Apr	97.3	36.8	67.1	180.2	9.7
30-Apr	100.0	51.6	75.8	197.1	7.9
7-May	96.1	45.5	70.8	245.8	10.9
14-May	94.3	39.0	66.6	307.5	10.8
21-May	98.3	42.6	70.5	312.2	11.4
28-May	100.0	44.1	72.1	260.1	10.4
4-Jun	93.6	44.7	69.2	380.1	15.6
11-Jun	93.1	40.0	66.6	281.6	15.0
18-Jun	91.5	39.9	65.7	276.6	17.2
25-Jun	98.1	50.4	74.3	439.3	16.7
2-Jul	96.0	40.6	68.3	508.6	17.0
9-Jul	78.7	32.6	55.7	389.4	17.9
16-Jul	97.3	46.0	71.6	480.9	16.8
23-Jul	93.0	43.9	68.5	527.5	18.0
30-Jul	95.0	45.3	70.2	563.8	17.4
6-Aug	96.8	34.8	65.8	413.0	15.8
13-Aug	94.4	47.8	71.1	480.9	16.0
20-Aug	94.0	37.5	65.8	355.5	15.5
27-Aug	95.8	44.3	70.0	362.1	14.1

**BREDA - WEEKLY SUMMARY OF SOIL TEMPERATURE
SEASON 1990/91**

Week Starting §=8 days	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
27-Aug	40.3	25.4	32.9	36.3	31.7	34.0	32.0	29.3	30.7
3-Sep	39.8	24.8	(32.3)	36.0	31.2	33.6	31.3	28.7	30.0
10-Sep	37.6	23.3	30.4	32.8	(30.0)	(32.0)	30.2	(27.5)	(28.8)
17-Sep	36.5	22.4	29.5	32.6	28.7	30.7	28.6	26.2	27.4
24-Sep	37.1	23.3	30.2	33.5	29.6	31.6	29.2	26.9	28.0
1-Oct	35.3	21.1	28.3	31.2	27.3	29.3	27.3	25.0	26.2
8-Oct	33.1	19.4	26.3	30.1	26.3	28.2	26.2	23.8	25.0
15-Oct	30.0	19.8	24.9	28.2	25.2	26.7	24.5	22.6	23.6
22-Oct	28.1	17.5	22.8	27.0	23.8	25.4	23.2	21.3	22.3
29-Oct	27.8	16.6	22.2	26.1	22.7	24.4	22.2	20.3	21.3
5-Nov	22.9	14.5	18.7	23.5	20.3	21.9	20.2	18.1	19.2
12-Nov	16.9	7.3	12.1	17.3	13.2	15.2	14.6	12.0	13.3
19-Nov	20.3	12.2	16.3	18.9	15.4	17.2	16.0	13.7	14.9
26-Nov	19.2	11.9	15.6	17.6	15.0	16.3	15.0	13.3	14.2
3-Dec	18.7	10.6	14.7	17.2	14.3	15.8	14.4	12.5	13.5
10-Dec	16.5	8.0	12.3	15.1	12.0	13.6	12.3	10.3	11.3
17-Dec	15.8	8.8	12.3	14.5	12.0	13.2	11.7	10.1	11.0
24-Dec§	11.2	2.0	6.6	10.1	7.1	8.6	7.7	5.8	6.8
1-Jan	12.1	5.7	9.0	10.5	7.6	9.1	8.4	6.4	7.4
8-Jan	(12.0)	(5.9)	(9.5)	10.6	8.0	9.3	8.5	6.8	7.6
15-Jan	13.0	7.5	10.3	11.1	8.5	9.8	9.1	7.3	8.2
22-Jan	11.0	3.9	7.5	9.2	6.4	7.8	7.0	5.4	6.3
29-Jan	9.3	5.1	7.2	8.7	7.1	7.9	6.5	5.3	5.9
5-Feb	10.8	3.4	7.1	8.4	5.6	7.0	6.0	4.2	5.1
12-Feb	13.9	6.8	10.4	11.2	8.5	9.9	8.4	6.7	7.6
19-Feb	16.9	9.5	13.2	13.8	11.0	12.4	11.0	9.4	10.1
26-Feb	18.7	9.3	14.0	15.1	11.7	13.4	12.2	10.2	11.2
5-Mar	15.7	7.8	11.7	13.2	10.1	11.7	10.7	9.0	9.9
12-Mar	17.3	10.2	13.8	14.4	11.6	13.0	11.7	9.9	10.8
19-Mar	(22.1)	(15.0)	(18.5)	17.8	14.6	16.2	14.8	12.7	13.7
26-Mar	27.1	15.5	21.3	21.8	17.6	19.7	18.6	15.8	17.2
2-Apr	24.4	15.3	19.8	20.6	17.5	19.1	17.8	15.8	16.8
9-Apr	23.2	13.4	18.3	19.4	15.8	17.6	16.8	14.1	15.5
16-Apr	27.2	15.7	21.5	22.5	18.1	20.3	19.0	16.3	17.7
23-Apr	31.9	18.2	25.1	25.9	21.1	23.6	22.0	19.1	20.6
30-Apr	31.1	18.8	25.0	26.7	21.4	24.1	22.9	19.4	21.1
7-May	34.3	22.5	28.4	29.1	24.8	26.9	25.0	22.2	23.6
14-May	35.1	22.2	28.7	29.7	25.3	27.5	25.3	22.6	24.0
21-May	33.6	20.5	27.1	29.3	24.2	26.8	25.3	21.8	23.6
28-May	34.1	19.5	26.8	29.0	23.5	26.3	24.6	21.1	22.9
4-Jun	40.0	24.7	32.4	32.7	27.7	30.2	28.2	25.0	26.6
11-Jun	43.2	26.7	35.0	35.1	30.2	32.6	31.1	28.0	29.6
18-Jun	46.0	28.8	37.5	37.3	32.2	34.8	33.1	30.1	31.6
25-Jun	44.3	29.2	36.8	36.8	32.6	34.7	32.7	30.4	31.5
2-Jul	42.9	28.4	35.6	35.9	31.9	33.9	31.6	29.6	30.6
9-Jul	45.0	28.7	36.9	36.8	32.4	34.6	32.2	29.5	30.9
16-Jul	44.6	29.6	37.1	37.0	32.7	34.9	32.3	29.9	31.1
23-Jul	44.6	30.5	37.5	37.3	33.4	35.4	32.6	30.7	31.7
30-Jul	42.8	29.4	36.2	36.3	32.6	34.5	31.9	29.9	30.9
6-Aug	42.1	31.0	36.6	37.6	33.1	35.3	32.9	30.7	31.8
13-Aug	41.8	31.4	36.6	37.7	33.7	35.7	33.1	31.2	32.2
20-Aug	41.3	30.2	35.7	37.0	32.8	34.9	32.6	30.4	31.5
27-Aug	39.0	27.9	33.5	35.3	30.9	33.2	31.4	29.2	30.3

BREDA - DAILY CLIMATIC DATA I
SEPTEMBER 1990

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	244	36.0	15.0	25.5	28.8	0.0
2	245	37.1	15.0	26.0	28.0	0.0
3	246	38.0	16.1	27.0	27.8	0.0
4	247	36.3	19.2	27.8	27.4	0.0
5	248	34.2	17.3	25.8	27.0	0.0
6	249	33.6	15.2	24.4	27.1	0.0
7	250	33.2	17.3	25.3	24.9	0.0
8	251	34.8	18.3	26.5	26.6	0.0
9	252	38.0	19.3	28.6	25.8	0.0
10	253	35.5	16.8	26.1	27.1	0.0
11	254	34.3	16.4	25.4	24.4	0.0
12	255	32.2	15.5	23.9	25.6	0.0
13	256	33.0	19.8	26.4	25.0	0.0
14	257	29.0	12.5	20.8	26.2	0.0
15	258	29.4	10.0	19.7	26.4	0.0
16	259	30.3	11.2	20.8	26.6	0.0
17	260	m	m	m	27.2	0.0
18	261	m	m	m	24.8	0.0
19	262	m	m	m	25.3	0.0
20	263	m	m	m	24.7	0.0
21	264	m	m	m	24.9	0.0
22	265	m	m	m	23.3	0.0
23	266	m	m	m	23.8	0.0
24	267	35.6	19.0	27.3	23.9	0.0
25	268	32.0	16.0	24.0	23.5	0.0
26	269	33.0	16.0	24.5	23.1	0.0
27	270	35.4	15.0	25.2	23.2	0.0
28	271	36.3	14.3	25.3	23.0	0.0
29	272	34.1	16.9	25.5	22.8	0.0
30	273	28.9	10.0	19.5	21.2	0.0
Mean or Total		(33.9)	(15.7)	(24.8)	25.3	0.0
Abs.Max.		(38.0)	(19.8)	(28.6)	28.8	0.0
Abs.Min.		(28.9)	(10.0)	(19.5)	21.2	0.0

BREDA - DAILY CLIMATIC DATA I
OCTOBER 1990

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	274	29.8	12.0	20.9	24.3	0.0
2	275	29.0	12.4	20.7	23.5	0.0
3	276	30.1	12.9	21.5	23.2	0.0
4	277	31.4	13.8	22.6	21.2	0.0
5	278	32.0	12.9	22.5	22.3	0.0
6	279	34.0	14.9	24.5	22.8	0.0
7	280	33.5	13.9	23.7	21.6	0.0
8	281	34.9	13.7	24.3	21.9	0.0
9	282	33.3	13.2	23.3	20.8	0.0
10	283	33.1	14.1	23.6	20.7	0.0
11	284	30.7	11.0	20.9	20.2	0.0
12	285	26.3	9.7	18.0	22.4	0.0
13	286	30.0	10.6	20.3	21.1	0.0
14	287	27.8	10.0	18.9	22.6	0.0
15	288	28.2	13.4	20.8	18.6	0.0
16	289	28.7	11.5	20.1	19.8	0.0
17	290	29.6	20.2	24.9	17.1	0.0
18	291	29.0	15.3	22.1	12.0	0.0
19	292	29.0	14.0	21.5	15.0	0.6
20	293	29.0	14.0	21.5	20.3	0.0
21	294	30.5	14.8	22.6	19.0	0.0
22	295	30.8	14.0	22.4	16.4	0.0
23	296	28.9	11.9	20.4	19.7	0.0
24	297	26.2	11.8	19.0	15.9	0.8
25	298	23.0	8.4	15.7	17.5	0.0
26	299	22.2	9.6	15.9	16.3	0.0
27	300	24.0	13.0	18.5	17.5	3.0
28	301	19.0	6.7	12.9	15.9	0.0
29	302	22.2	10.9	16.5	19.1	0.0
30	303	26.0	13.8	19.9	17.9	0.0
31	304	28.3	10.3	19.3	16.7	0.0
Mean or Total		28.7	12.5	20.6	19.5	4.4
Abs.Max.		34.9	20.2	24.9	24.3	3.0
Abs.Min.		19.0	6.7	12.9	12.0	0.0

BREDA - DAILY CLIMATIC DATA I
NOVEMBER 1990

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	305	27.7	10.0	18.9	18.8	0.0
2	306	26.1	9.2	17.6	17.9	0.0
3	307	25.0	10.2	17.6	17.9	0.0
4	308	26.9	10.0	18.5	16.3	0.0
5	309	28.3	10.2	19.3	16.9	0.0
6	310	28.5	13.1	20.8	17.5	0.0
7	311	27.0	14.4	20.7	11.1	1.2
8	312	24.3	13.0	18.6	14.9	16.6
9	313	18.3	10.8	14.6	14.2	1.4
10	314	17.2	8.0	12.6	11.7	7.0
11	315	14.6	5.0	9.8	15.5	0.0
12	316	14.1	0.1	7.1	17.0	0.0
13	317	13.9	2.0	7.9	17.9	0.0
14	318	15.4	4.9	10.1	17.1	0.0
15	319	17.4	7.0	12.2	16.8	0.0
16	320	19.5	3.8	11.6	16.5	0.0
17	321	20.3	3.8	12.1	16.7	0.0
18	322	21.2	5.3	13.3	17.1	0.0
19	323	21.3	12.0	16.6	14.1	0.0
20	324	23.3	10.2	16.8	14.6	0.0
21	325	23.0	7.0	15.0	14.7	0.0
22	326	23.3	6.0	14.6	15.4	0.0
23	327	21.0	5.0	13.0	15.1	0.0
24	328	23.2	9.0	16.1	13.6	0.0
25	329	22.1	6.9	14.5	14.2	0.0
26	330	20.3	6.0	13.1	12.2	0.0
27	331	22.0	5.0	13.5	14.3	0.0
28	332	19.0	4.0	11.5	13.7	0.0
29	333	19.9	7.5	13.7	14.1	0.0
30	334	19.3	9.0	14.1	13.6	0.0
Mean or Total		21.4	7.6	14.5	15.4	26.2
Abs.Max.		28.5	14.4	20.8	18.8	16.6
Abs.Min.		13.9	0.1	7.1	11.1	0.0

BREDA - DAILY CLIMATIC DATA I
DECEMBER 1990

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	335	19.1	10.2	14.6	14.1	0.0
2	336	18.2	9.2	13.7	11.4	0.0
3	337	19.0	7.6	13.3	4.0	4.6
4	338	16.5	8.6	12.6	17.4	0.0
5	339	17.2	6.0	11.6	14.0	0.6
6	340	17.7	2.0	9.9	14.2	0.0
7	341	17.6	2.9	10.3	14.7	0.0
8	342	14.7	2.5	8.6	13.4	0.0
9	343	17.4	1.2	9.3	14.2	0.0
10	344	16.8	-1.1	7.8	15.5	0.0
11	345	16.6	1.8	9.2	15.2	0.0
12	346	16.6	3.7	10.1	14.3	0.0
13	347	16.8	9.3	13.1	9.9	0.0
14	348	16.1	2.1	9.1	13.7	0.0
15	349	17.5	2.5	10.0	14.5	0.0
16	350	17.5	4.0	10.8	14.7	0.0
17	351	18.9	3.4	11.1	13.5	0.0
18	352	15.0	-2.0	6.5	15.1	0.0
19	353	14.5	3.4	8.9	14.6	1.0
20	354	12.4	6.0	9.2	10.3	0.6
21	355	10.7	5.3	8.0	10.4	2.0
22	356	9.5	4.1	6.8	9.4	0.0
23	357	13.0	4.5	8.8	12.8	0.6
24	358	8.0	-2.0	3.0	7.9	3.0
25	359	9.6	-2.9	3.3	15.3	0.0
26	360	9.4	-6.9	1.3	15.5	0.0
27	361	8.5	-1.8	3.3	15.0	0.0
28	362	8.0	-1.0	3.5	10.9	0.0
29	363	10.5	-6.5	2.0	14.5	0.0
30	364	11.5	-5.4	3.0	15.3	0.0
31	365	13.3	-4.9	4.2	14.8	0.0
Mean or Total		14.5	2.1	8.3	13.2	12.4
Abs. Max.		19.1	10.2	14.6	17.4	4.6
Abs. Min.		8.0	-6.9	1.3	4.0	0.0

BREDA - DAILY CLIMATIC DATA I
JANUARY 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	1	13.0	-3.3	4.8	12.5	0.0
2	2	13.7	1.0	7.3	14.8	0.0
3	3	14.1	6.1	10.1	8.0	11.8
4	4	10.0	-0.2	4.9	7.4	0.8
5	5	8.7	-0.1	4.3	10.5	0.6
6	6	8.5	1.7	5.1	10.0	0.5
7	7	9.6	4.2	6.9	11.4	0.0
8	8	6.7	4.8	5.8	6.7	0.0
9	9	5.3	3.0	4.2	7.1	0.4
10	10	7.0	-1.8	2.6	10.1	0.4
11	11	11.3	-1.4	4.9	13.1	0.0
12	12	13.2	-1.8	5.7	15.5	0.0
13	13	12.9	-2.8	5.1	16.1	0.0
14	14	16.8	0.0	8.4	15.7	0.0
15	15	16.2	1.0	8.6	14.6	0.0
16	16	13.0	2.3	7.7	10.0	0.0
17	17	9.7	3.3	6.5	10.3	18.2
18	18	9.5	-0.6	4.4	10.1	1.2
19	19	9.9	4.1	7.0	11.1	0.6
20	20	9.9	6.0	7.9	6.3	1.0
21	21	12.1	5.8	8.9	10.8	1.4
22	22	10.0	2.8	6.4	9.5	2.4
23	23	8.1	-2.0	3.0	14.8	0.0
24	24	7.0	-2.6	2.2	17.2	0.0
25	25	7.3	-2.3	2.5	17.4	0.0
26	26	8.2	-4.2	2.0	15.9	0.0
27	27	11.3	-0.6	5.3	17.7	0.0
28	28	11.0	3.8	7.4	14.5	0.0
29	29	4.0	2.5	3.3	7.6	5.2
30	30	5.0	2.0	3.5	7.7	3.0
31	31	8.9	2.0	5.4	9.7	3.4
Mean or Total		10.1	1.1	5.6	11.7	50.9
Abs.Max.		16.8	6.1	10.1	17.7	18.2
Abs.Min.		4.0	-4.2	2.0	6.3	0.0

BREDA - DAILY CLIMATIC DATA I
FEBRUARY 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	32	9.2	0.3	4.8	11.4	0.0
2	33	9.0	1.8	5.4	15.5	6.2
3	34	8.1	-1.4	3.3	10.9	1.0
4	35	6.2	-1.0	2.6	11.6	0.0
5	36	7.4	0.8	4.1	17.9	0.0
6	37	5.4	1.2	3.3	10.8	0.0
7	38	8.3	-2.1	3.1	13.5	0.0
8	39	11.1	-4.6	3.3	16.6	0.0
9	40	8.8	-4.2	2.3	20.0	0.0
10	41	12.0	-1.0	5.5	17.4	0.0
11	42	13.3	-3.2	5.1	19.4	0.0
12	43	14.8	-0.5	7.2	19.8	0.0
13	44	12.4	1.3	6.8	13.2	0.0
14	45	13.8	-1.2	6.3	18.8	0.0
15	46	16.0	1.5	8.8	15.4	0.0
16	47	12.2	3.7	7.9	6.5	8.0
17	48	15.0	3.8	9.4	16.7	0.0
18	49	15.8	4.4	10.1	14.3	0.0
19	50	13.3	6.0	9.6	13.2	1.2
20	51	15.0	0.8	7.9	17.6	0.0
21	52	16.0	1.0	8.5	22.0	0.0
22	53	15.5	6.8	11.1	18.8	0.0
23	54	15.5	8.1	11.8	16.7	0.0
24	55	16.9	9.2	13.1	19.5	0.0
25	56	14.1	5.5	9.8	8.1	1.6
26	57	16.9	3.5	10.2	16.2	0.4
27	58	17.2	6.0	11.6	18.2	2.2
28	59	15.5	1.7	8.6	16.9	0.0
Mean or Total		12.7	1.7	7.2	15.6	20.6
Abs.Max.		17.2	9.2	13.1	22.0	8.0
Abs.Min.		5.4	-4.6	2.3	6.5	0.0

BREDA - DAILY CLIMATIC DATA I
MARCH 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	60	17.0	4.0	10.5	17.6	1.2
2	61	16.5	1.8	9.1	19.1	0.0
3	62	16.8	4.6	10.7	21.0	0.0
4	63	17.4	9.2	13.3	17.2	0.0
5	64	12.5	2.5	7.5	11.8	0.0
6	65	12.2	-0.1	6.1	23.5	0.0
7	66	16.8	5.0	10.9	21.2	0.0
8	67	16.0	3.2	9.6	11.7	2.4
9	68	11.8	-5.7	3.0	21.5	0.0
10	69	11.0	4.0	7.5	20.2	0.0
11	70	12.9	7.2	10.1	24.1	0.0
12	71	16.9	7.0	11.9	9.0	0.0
13	72	16.0	2.8	9.4	19.7	0.0
14	73	16.3	4.1	10.2	14.6	6.8
15	74	18.2	4.2	11.2	24.7	0.0
16	75	17.0	6.5	11.8	14.5	0.0
17	76	11.4	8.0	9.7	9.6	2.0
18	77	12.9	9.0	10.9	9.3	13.4
19	78	14.8	4.3	9.6	13.5	0.0
20	79	19.6	9.0	14.3	23.8	0.0
21	80	21.9	13.9	17.9	19.7	0.0
22	81	16.0	11.6	13.8	8.9	30.4
23	82	17.8	11.5	14.6	18.9	2.4
24	83	18.4	11.5	14.9	18.0	1.4
25	84	23.0	13.8	18.4	23.0	0.0
26	85	24.1	11.3	17.7	25.4	0.0
27	86	25.0	8.0	16.5	26.8	0.0
28	87	25.8	7.4	16.6	26.0	0.0
29	88	25.0	12.7	18.9	18.7	0.0
30	89	27.1	11.0	19.0	25.6	0.0
31	90	23.1	9.5	16.3	25.2	0.0
Mean or Total		17.8	6.9	12.3	18.8	60.0
Abs.Max.		27.1	13.9	19.0	26.8	30.4
Abs.Min.		11.0	-5.7	3.0	8.9	0.0

BREDA - DAILY CLIMATIC DATA I
APRIL 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	91	21.0	8.8	14.9	22.5	0.0
2	92	22.3	13.0	17.6	15.4	0.0
3	93	22.3	10.6	16.5	25.7	0.0
4	94	19.8	8.6	14.2	20.8	1.0
5	95	20.3	7.5	13.9	23.3	0.0
6	96	20.6	8.1	14.4	25.3	0.0
7	97	24.5	4.0	14.3	28.1	0.0
8	98	21.2	8.0	14.6	13.0	6.6
9	99	15.9	7.0	11.4	18.8	4.0
10	100	16.2	6.8	11.5	14.3	13.0
11	101	15.5	7.6	11.6	22.0	1.0
12	102	19.6	3.2	11.4	28.3	0.0
13	103	21.0	3.8	12.4	28.0	0.0
14	104	25.0	9.1	17.0	27.4	0.0
15	105	24.8	15.0	19.9	13.9	0.0
16	106	20.9	9.2	15.1	22.7	0.0
17	107	20.9	6.7	13.8	27.5	0.0
18	108	21.9	4.0	12.9	30.5	0.0
19	109	25.3	5.5	15.4	28.5	0.0
20	110	27.2	12.4	19.8	22.8	0.0
21	111	23.8	11.0	17.4	28.7	0.0
22	112	28.3	4.8	16.5	29.4	0.0
23	113	30.4	9.9	20.1	26.9	0.0
24	114	31.4	11.8	21.6	29.2	0.0
25	115	26.6	9.8	18.2	29.5	0.0
26	116	26.1	7.2	16.6	29.8	0.0
27	117	27.4	6.8	17.1	31.7	0.0
28	118	30.1	5.0	17.5	26.9	0.0
29	119	33.0	9.7	21.4	22.7	0.0
30	120	31.6	19.0	25.3	17.9	9.6
Mean or Total		23.8	8.5	16.1	24.4	35.2
Abs.Max.		33.0	19.0	25.3	31.7	13.0
Abs.Min.		15.5	3.2	11.4	13.0	0.0

BREDA - DAILY CLIMATIC DATA I
MAY 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	121	19.0	11.8	15.4	11.6	13.2
2	122	22.0	9.2	15.6	29.5	0.0
3	123	24.3	8.5	16.4	31.4	0.0
4	124	27.6	9.6	18.6	30.3	0.0
5	125	31.1	10.0	20.5	29.8	0.0
6	126	28.1	8.6	18.4	29.8	0.0
7	127	26.9	8.5	17.7	25.3	0.0
8	128	26.2	11.8	19.0	25.3	0.0
9	129	23.3	10.6	17.0	30.7	0.0
10	130	23.6	3.9	13.8	31.8	0.0
11	131	24.0	10.0	17.0	31.8	0.0
12	132	25.1	11.9	18.5	30.1	0.0
13	133	28.2	9.0	18.6	19.5	0.0
14	134	31.8	14.6	23.2	30.1	0.0
15	135	27.9	18.3	23.1	15.5	2.4
16	136	23.9	15.0	19.5	31.0	0.0
17	137	24.5	9.0	16.8	29.1	0.0
18	138	26.2	9.8	18.0	35.1	0.0
19	139	29.5	8.1	18.8	28.2	0.0
20	140	32.0	13.0	22.5	30.4	0.0
21	141	23.2	13.3	18.3	29.3	0.0
22	142	21.7	9.0	15.4	23.8	12.0
23	143	24.0	10.0	17.0	30.3	0.0
24	144	26.6	7.5	17.0	33.0	0.0
25	145	30.0	10.4	20.2	29.6	0.0
26	146	28.0	12.0	20.0	31.8	0.0
27	147	23.0	10.2	16.6	32.6	0.0
28	148	24.6	7.9	16.3	30.5	0.0
29	149	22.1	7.0	14.6	18.0	4.0
30	150	23.2	10.1	16.6	31.0	0.0
31	151	24.0	7.0	15.5	31.9	0.0
Mean or Total		25.7	10.2	17.9	28.3	31.6
Abs.Max.		32.0	18.3	23.2	35.1	13.2
Abs.Min.		19.0	3.9	13.8	11.6	0.0

BREDA - DAILY CLIMATIC DATA I
JUNE 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	152	25.2	7.0	16.1	31.9	0.0
2	153	28.0	9.4	18.7	31.9	0.0
3	154	32.1	11.9	22.0	33.1	0.0
4	155	33.0	13.0	23.0	32.3	0.0
5	156	34.0	18.0	26.0	30.5	0.0
6	157	32.0	18.4	25.2	33.3	0.0
7	158	32.0	15.9	24.0	31.3	0.0
8	159	34.0	14.8	24.4	31.6	0.0
9	160	35.8	14.3	25.0	32.6	0.0
10	161	30.2	14.0	22.1	m	0.0
11	162	30.9	18.0	24.5	18.6	0.0
12	163	32.0	15.9	24.0	31.1	0.0
13	164	34.2	16.7	25.5	31.8	0.0
14	165	35.7	16.9	26.3	32.7	0.0
15	166	35.4	17.4	26.4	30.7	0.0
16	167	37.0	17.6	27.3	m	0.0
17	168	39.3	18.0	28.6	21.6	0.0
18	169	40.9	19.2	30.0	32.4	0.0
19	170	41.5	20.0	30.8	33.1	0.0
20	171	39.8	19.4	29.6	30.5	0.0
21	172	38.0	19.7	28.9	30.5	0.0
22	173	38.3	19.1	28.7	33.3	0.0
23	174	40.3	19.5	29.9	31.0	0.0
24	175	40.1	19.9	30.0	31.1	0.0
25	176	36.1	19.8	28.0	31.4	0.0
26	177	33.5	21.1	27.3	32.7	0.0
27	178	32.8	18.0	25.4	31.2	0.0
28	179	33.3	17.1	25.2	31.7	0.0
29	180	35.6	18.9	27.3	31.3	0.0
30	181	35.3	17.2	26.3	31.5	0.0
Mean or Total		34.9	16.9	25.9	(30.9)	0.0
Abs.Max.		41.5	21.1	30.8	(33.3)	0.0
Abs.Min.		25.2	7.0	16.1	(18.6)	0.0

BREDA - DAILY CLIMATIC DATA I
JULY 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	182	36.8	21.7	29.3	30.0	0.0
2	183	37.1	24.3	30.7	31.3	0.0
3	184	37.2	22.7	30.0	32.4	0.0
4	185	37.1	18.8	28.0	33.8	0.0
5	186	35.9	20.6	28.3	32.2	0.0
6	187	33.2	21.9	27.5	30.5	0.0
7	188	32.4	18.0	25.2	31.6	0.0
8	189	34.1	22.7	28.4	31.9	0.0
9	190	34.4	22.1	28.3	32.0	0.0
10	191	36.0	19.1	27.5	31.8	0.0
11	192	37.0	19.0	28.0	33.7	0.0
12	193	39.9	17.7	28.8	30.1	0.0
13	194	38.0	18.6	28.3	32.0	0.0
14	195	37.3	20.0	28.6	33.0	0.0
15	196	36.2	21.9	29.0	32.0	0.0
16	197	35.6	21.3	28.5	32.0	0.0
17	198	36.6	20.8	28.7	32.2	0.0
18	199	34.2	22.4	28.3	29.8	0.0
19	200	34.0	22.0	28.0	30.6	0.0
20	201	38.3	20.4	29.4	30.4	0.0
21	202	35.0	20.7	27.9	30.4	0.0
22	203	37.0	23.7	30.4	30.0	0.0
23	204	37.8	23.7	30.8	31.0	0.0
24	205	36.5	22.3	29.4	31.6	0.0
25	206	35.8	21.8	28.8	30.6	0.0
26	207	34.3	23.6	29.0	27.6	0.0
27	208	36.7	23.6	30.1	30.4	0.0
28	209	38.0	23.3	30.6	30.5	0.0
29	210	35.0	21.0	28.0	31.1	0.0
30	211	31.7	21.7	26.7	30.5	0.0
31	212	31.2	20.8	26.0	29.6	0.0
Mean or Total		35.8	21.4	28.6	31.2	0.0
Abs.Max.		39.9	24.3	30.8	33.8	0.0
Abs.Min.		31.2	17.7	25.2	27.6	0.0

BREDA - DAILY CLIMATIC DATA I
AUGUST 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	213	36.0	20.5	28.3	29.7	0.0
2	214	37.4	19.1	28.3	30.0	0.0
3	215	36.9	18.7	27.8	30.1	0.0
4	216	34.3	21.7	28.0	30.0	0.0
5	217	33.9	22.0	28.0	29.7	0.0
6	218	38.1	22.7	30.4	29.6	0.0
7	219	38.0	21.0	29.5	29.6	0.0
8	220	38.0	20.0	29.0	29.8	0.0
9	221	38.4	17.8	28.1	27.9	0.0
10	222	35.7	21.3	28.5	29.5	0.0
11	223	36.2	22.8	29.5	28.9	0.0
12	224	39.9	20.1	30.0	27.9	0.0
13	225	41.0	23.2	32.1	28.9	0.0
14	226	39.0	21.0	30.0	29.3	0.0
15	227	37.2	26.0	31.6	28.2	0.0
16	228	37.2	25.2	31.2	28.1	0.0
17	229	36.2	22.8	29.5	28.3	0.0
18	230	37.0	25.0	31.0	27.8	0.0
19	231	36.1	24.5	30.3	28.4	0.0
20	232	37.1	22.2	29.6	27.6	0.0
21	233	39.0	23.1	31.0	28.3	0.0
22	234	38.4	23.4	30.9	28.0	0.0
23	235	37.3	20.4	28.9	28.0	0.0
24	236	39.2	20.7	30.0	27.5	0.0
25	237	36.1	21.0	28.5	28.2	0.0
26	238	37.0	18.6	27.8	28.6	0.0
27	239	37.8	18.9	28.4	28.6	0.0
28	240	36.4	17.6	27.0	28.6	0.0
29	241	34.2	18.7	26.5	28.2	0.0
30	242	34.4	17.9	26.1	26.7	0.0
31	243	34.2	18.0	26.1	28.0	0.0
Mean or Total		37.0	21.2	29.1	28.6	0.0
Abs.Max.		41.0	26.0	32.1	30.1	0.0
Abs.Min.		33.9	17.6	26.1	26.7	0.0

BREDA - DAILY CLIMATIC DATA II
SEPTEMBER 1990

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	244	84.0	25.0	54.5	263.4	13.7
2	245	75.0	17.4	46.2	201.9	14.0
3	246	61.0	19.3	m	m	12.7
4	247	85.8	33.1	59.5	286.7	12.5
5	248	94.0	36.4	65.2	283.2	12.2
6	249	92.5	33.0	62.8	242.0	12.1
7	250	87.8	38.0	62.9	236.7	10.1
8	251	88.0	36.2	62.1	144.5	9.9
9	252	93.0	23.0	58.0	276.9	11.4
10	253	m	36.6	m	312.6	11.4
11	254	94.0	30.0	62.0	310.3	11.5
12	255	85.2	35.0	60.1	290.5	11.0
13	256	83.0	33.0	58.0	329.2	12.1
14	257	84.0	33.9	59.0	307.7	11.7
15	258	78.0	34.0	56.0	233.9	12.2
16	259	69.8	18.0	43.9	137.1	10.1
17	260	m	m	m	334.9	10.7
18	261	m	m	m	355.3	11.4
19	262	m	m	m	217.7	11.1
20	263	m	m	m	274.1	10.1
21	264	m	m	m	118.0	8.9
22	265	m	m	m	188.1	9.1
23	266	m	m	m	148.7	9.5
24	267	90.0	28.0	59.0	339.3	10.1
25	268	88.0	35.1	61.6	395.9	10.5
26	269	89.8	34.0	61.9	169.8	9.1
27	270	79.0	14.0	46.5	130.7	9.6
28	271	69.0	17.4	43.2	148.4	9.1
29	272	79.0	28.0	53.5	262.8	10.1
30	273	80.2	31.9	56.1	584.5	9.8
Mean		(83.2)	(29.1)	(56.8)	(259.5)	10.9
Abs. Max.		(94.0)	(38.0)	(65.2)	(584.5)	14.0
Abs. Min.		(61.0)	(14.0)	(43.2)	(118.0)	8.9

BREDA - DAILY CLIMATIC DATA II
OCTOBER 1990

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	274	85.9	32.7	59.3	177.0	9.6
2	275	89.9	34.7	62.3	137.2	9.1
3	276	86.9	31.4	59.2	149.1	7.7
4	277	80.0	30.3	55.2	131.1	7.3
5	278	73.2	27.0	50.1	123.2	8.2
6	279	53.0	20.0	36.5	132.8	8.7
7	280	58.2	20.0	39.1	183.2	8.9
8	281	58.0	22.0	40.0	116.1	8.4
9	282	87.0	31.8	59.4	194.1	8.3
10	283	82.6	28.0	55.3	263.5	9.4
11	284	62.0	40.2	51.1	224.3	8.6
12	285	58.3	23.8	41.1	228.0	8.7
13	286	74.0	29.0	51.5	277.9	8.9
14	287	65.0	21.4	43.2	304.1	10.5
15	288	51.9	29.7	40.8	306.5	10.8
16	289	49.2	28.0	38.6	252.7	10.1
17	290	42.5	28.0	35.3	500.2	11.6
18	291	40.4	27.7	34.1	383.4	11.4
19	292	68.0	33.3	50.7	165.8	8.0
20	293	72.0	42.6	57.3	129.6	5.6
21	294	71.2	37.3	54.3	123.3	7.2
22	295	88.4	38.8	63.6	123.1	5.9
23	296	86.0	34.9	60.5	180.5	6.5
24	297	83.2	47.0	65.1	323.4	7.5
25	298	88.2	46.2	67.2	333.3	7.8
26	299	88.0	53.7	70.9	131.8	3.9
27	300	99.2	44.0	71.6	167.6	4.8
28	301	87.0	54.9	71.0	131.5	2.8
29	302	82.9	36.5	59.7	219.7	4.4
30	303	75.6	33.2	54.4	267.6	5.7
31	304	85.9	28.7	57.3	82.4	6.1
Mean		73.3	33.4	53.4	208.5	7.8
Abs.Max.		99.2	54.9	71.6	500.2	11.6
Abs.Min.		40.4	20.0	34.1	82.4	2.8

BREDA - DAILY CLIMATIC DATA II
NOVEMBER 1990

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	305	90.2	31.0	60.6	167.4	5.0
2	306	88.0	40.2	64.1	215.7	5.6
3	307	80.0	32.6	56.3	117.2	4.7
4	308	71.2	33.6	52.4	141.3	4.6
5	309	67.0	26.0	46.5	94.9	5.3
6	310	59.3	23.7	41.5	104.6	5.0
7	311	85.3	35.1	60.2	246.9	3.4
8	312	86.4	37.0	61.7	267.1	7.0
9	313	85.1	48.0	66.6	286.8	3.6
10	314	86.0	50.0	68.0	250.2	3.8
11	315	84.2	40.0	62.1	173.0	2.5
12	316	87.5	36.2	61.9	91.0	2.3
13	317	81.0	32.0	56.5	263.6	2.6
14	318	74.0	37.0	55.5	184.0	4.5
15	319	71.0	32.0	51.5	330.3	5.3
16	320	84.6	29.2	56.9	113.5	3.7
17	321	85.0	31.6	58.3	104.3	2.2
18	322	84.6	27.0	55.8	85.7	3.0
19	323	77.0	53.0	65.0	239.9	3.1
20	324	78.4	33.3	55.9	326.6	3.7
21	325	91.0	34.0	62.5	51.6	3.8
22	326	92.0	35.3	63.7	102.5	2.8
23	327	92.0	45.9	69.0	98.7	2.4
24	328	84.0	41.0	62.5	172.0	3.1
25	329	88.6	39.0	63.8	107.3	3.2
26	330	93.0	48.0	70.5	166.6	2.8
27	331	98.0	32.2	65.1	75.6	3.3
28	332	98.4	52.6	75.5	71.5	2.2
29	333	83.8	44.4	64.1	148.5	3.4
30	334	89.2	47.0	68.1	380.4	4.9
Mean		83.9	37.6	60.7	172.6	3.7
Abs.Max.		98.4	53.0	75.5	380.4	7.0
Abs.Min.		59.3	23.7	41.5	51.6	2.2

BREDA - DAILY CLIMATIC DATA II
DECEMBER 1990

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	335	83.0	50.0	66.5	229.3	4.1
2	336	79.8	49.2	64.5	133.2	3.4
3	337	100.0	52.8	76.4	322.5	2.3
4	338	98.0	64.9	81.5	116.6	1.2
5	339	95.8	60.0	77.9	292.7	3.7
6	340	95.2	51.0	73.1	130.8	2.7
7	341	97.3	50.1	73.7	162.7	2.2
8	342	97.2	63.0	80.1	76.5	1.5
9	343	97.0	50.0	73.5	136.4	2.2
10	344	97.2	32.0	64.6	103.8	3.9
11	345	90.2	35.1	62.7	130.2	4.2
12	346	82.0	42.7	62.4	266.2	4.7
13	347	80.0	45.2	62.6	438.0	6.6
14	348	99.6	56.2	77.9	206.4	2.2
15	349	99.2	56.0	77.6	109.5	2.1
16	350	100.0	53.8	76.9	212.1	2.3
17	351	96.0	47.2	71.6	185.4	2.8
18	352	94.2	46.1	70.2	104.8	2.9
19	353	88.0	46.1	67.1	164.8	3.4
20	354	97.0	46.0	71.5	175.9	2.6
21	355	100.0	65.7	82.9	90.9	1.2
22	356	97.4	77.3	87.4	72.2	0.6
23	357	96.5	61.3	78.9	224.5	1.5
24	358	98.3	75.3	86.8	190.7	1.3
25	359	97.9	38.0	68.0	101.3	1.6
26	360	99.0	27.3	63.2	86.0	1.4
27	361	99.0	42.8	70.9	98.5	1.0
28	362	70.0	43.5	56.8	334.8	2.2
29	363	93.0	25.0	59.0	95.2	2.3
30	364	93.0	29.0	61.0	96.6	1.8
31	365	100.0	41.0	70.7	101.2	1.2
Mean		93.9	49.1	71.5	167.4	2.5
Abs.Max.		100.0	77.3	87.4	438.0	6.6
Abs.Min.		70.0	25.0	56.8	72.2	0.6

BREDA - DAILY CLIMATIC DATA II
JANUARY 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	1	95.3	39.0	67.2	125.7	2.0
2	2	95.0	40.2	67.6	98.1	1.9
3	3	98.0	55.8	76.9	163.7	1.6
4	4	96.6	79.0	87.8	107.6	1.5
5	5	96.5	96.0	96.3	57.3	0.3
6	6	96.5	96.5	96.5	79.0	0.5
7	7	97.0	88.0	92.5	111.1	0.9
8	8	93.0	86.1	89.6	77.8	0.4
9	9	93.5	89.9	91.7	72.8	0.4
10	10	93.2	86.0	89.6	67.8	0.7
11	11	93.2	42.3	67.8	98.8	1.3
12	12	92.0	33.0	62.5	187.5	2.5
13	13	98.0	38.0	68.0	139.6	2.6
14	14	99.2	33.2	66.2	140.3	2.3
15	15	100.0	49.0	74.5	133.0	1.3
16	16	99.5	63.0	81.3	138.6	2.5
17	17	99.8	73.0	86.4	117.8	0.7
18	18	98.7	71.0	84.9	124.1	1.5
19	19	97.0	72.3	84.7	289.8	1.0
20	20	98.8	82.6	90.7	331.5	0.6
21	21	96.0	70.0	83.0	135.3	1.2
22	22	96.0	42.0	69.0	298.2	1.8
23	23	95.0	35.8	65.4	110.0	2.0
24	24	95.8	34.3	65.1	93.0	1.0
25	25	90.2	30.0	60.1	137.0	2.3
26	26	92.0	25.2	58.6	162.8	2.1
27	27	95.8	44.2	70.0	132.0	1.5
28	28	75.0	52.0	63.5	455.8	2.9
29	29	97.0	86.2	91.6	438.7	0.8
30	30	100.0	76.8	88.4	156.3	1.0
31	31	96.0	59.0	77.5	133.0	1.2
Mean		95.5	60.3	77.9	158.5	1.4
Abs.Max.		100.0	96.5	96.5	455.8	2.9
Abs.Min.		75.0	25.2	58.6	57.3	0.3

BREDA - DAILY CLIMATIC DATA II
FEBRUARY 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	32	98.0	47.0	72.5	343.3	1.0
2	33	100.0	63.0	81.5	217.1	2.2
3	34	99.3	53.0	76.2	469.8	2.8
4	35	80.6	43.0	61.8	408.1	2.2
5	36	74.0	37.0	55.5	294.8	3.9
6	37	85.0	51.3	68.2	193.8	2.0
7	38	97.9	42.0	70.0	81.9	1.5
8	39	97.6	39.0	68.3	197.7	2.0
9	40	91.0	24.0	57.5	110.0	2.4
10	41	89.8	44.0	66.9	141.8	2.3
11	42	97.0	39.0	68.0	106.3	2.5
12	43	95.2	37.0	66.1	119.1	2.9
13	44	92.0	45.0	68.5	377.3	3.8
14	45	93.8	36.0	64.9	120.8	3.0
15	46	93.0	31.7	62.4	279.4	4.9
16	47	100.0	40.0	70.0	274.1	1.7
17	48	97.0	46.0	71.5	89.1	2.5
18	49	100.0	56.0	78.0	124.2	1.9
19	50	100.0	60.8	80.4	105.4	1.5
20	51	100.0	46.0	73.0	98.2	2.7
21	52	85.0	17.4	51.2	181.3	3.5
22	53	67.6	23.0	45.3	721.0	9.4
23	54	64.0	34.0	49.0	408.9	7.3
24	55	77.0	41.5	59.3	339.1	5.7
25	56	100.0	68.6	84.3	297.4	2.0
26	57	98.6	46.4	72.5	269.6	3.9
27	58	99.2	43.4	71.3	197.1	4.1
28	59	97.8	51.0	74.4	205.5	3.8
Mean		91.8	43.1	67.4	241.9	3.2
Abs.Max.		100.0	68.6	84.3	721.0	9.4
Abs.Min.		64.0	17.4	45.3	81.9	1.0

BREDA - DAILY CLIMATIC DATA II
MARCH 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	60	99.0	41.0	70.0	132.1	2.7
2	61	100.0	45.6	72.8	174.7	3.8
3	62	99.8	33.8	66.8	124.4	3.7
4	63	81.0	37.8	59.4	332.2	3.2
5	64	81.0	50.0	65.5	166.3	3.2
6	65	50.4	23.6	37.0	430.4	6.8
7	66	78.4	31.0	54.7	404.4	5.9
8	67	88.9	48.0	68.5	144.7	3.5
9	68	70.9	6.2	38.6	318.3	6.2
10	69	74.5	16.1	45.3	233.5	3.6
11	70	67.2	45.0	56.1	542.9	6.1
12	71	79.8	33.0	56.4	328.1	5.7
13	72	89.0	51.2	70.1	149.4	4.1
14	73	88.3	42.8	65.6	151.4	3.9
15	74	80.2	28.0	54.1	150.3	4.5
16	75	74.0	28.0	51.0	454.6	7.5
17	76	84.8	47.0	65.9	316.8	0.7
18	77	89.2	73.0	81.1	146.0	2.4
19	78	87.0	68.0	77.5	92.4	1.3
20	79	87.0	45.8	66.4	138.8	2.6
21	80	70.0	47.0	58.5	452.7	5.9
22	81	88.0	71.0	79.5	574.3	m
23	82	87.3	49.0	68.2	273.2	4.2
24	83	86.8	62.0	74.4	332.7	3.7
25	84	85.6	49.0	67.3	98.9	3.8
26	85	88.2	36.2	62.2	64.5	6.0
27	86	91.0	33.8	62.4	131.4	5.8
28	87	89.0	29.2	59.1	101.9	4.7
29	88	88.6	46.0	67.3	91.5	3.0
30	89	92.0	33.0	62.5	171.2	6.1
31	90	91.3	45.0	68.2	233.2	6.0
Mean		84.1	41.8	63.0	240.6	(4.4)
Abs.Max.		100.0	73.0	81.1	574.3	(7.5)
Abs.Min.		50.4	6.2	37.0	64.5	(0.7)

BREDA - DAILY CLIMATIC DATA II
APRIL 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	91	70.0	36.0	53.0	119.0	3.8
2	92	73.3	39.5	56.4	329.2	7.3
3	93	86.0	40.6	63.3	274.9	7.0
4	94	92.0	27.0	59.5	241.8	5.9
5	95	89.0	32.0	60.5	196.6	6.3
6	96	90.0	33.0	61.5	173.5	5.8
7	97	92.2	23.0	57.6	322.9	8.7
8	98	91.0	35.0	63.0	297.3	6.3
9	99	89.0	57.0	73.0	350.2	3.1
10	100	90.3	53.0	71.7	86.2	3.4
11	101	89.0	49.4	69.2	191.4	4.3
12	102	89.0	32.2	60.6	210.2	5.9
13	103	89.2	30.0	59.6	88.5	4.6
14	104	88.6	19.0	53.8	205.7	7.9
15	105	75.0	34.0	54.5	365.2	8.0
16	106	83.8	31.0	57.4	367.5	8.4
17	107	83.0	25.0	54.0	241.5	7.5
18	108	83.2	20.0	51.6	134.2	5.9
19	109	78.6	15.0	46.8	150.4	8.4
20	110	69.0	25.1	47.1	221.9	8.6
21	111	83.0	33.8	58.4	259.8	9.6
22	112	94.0	38.8	66.4	124.9	7.1
23	113	100.0	35.7	67.9	213.0	10.7
24	114	100.0	42.5	71.3	226.9	10.8
25	115	100.0	46.2	73.1	275.0	10.4
26	116	100.0	35.2	67.6	162.3	8.4
27	117	100.0	27.2	63.6	120.8	10.5
28	118	96.2	33.3	64.8	104.7	7.5
29	119	85.2	37.6	61.4	158.9	9.3
30	120	100.0	64.0	82.0	249.1	6.1
Mean		88.3	35.0	61.7	215.4	7.2
Abs.Max.		100.0	64.0	82.0	367.5	10.8
Abs.Min.		69.0	15.0	46.8	86.2	3.1

BREDA - DAILY CLIMATIC DATA II
MAY 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	121	100.0	81.2	90.6	218.0	4.3
2	122	100.0	62.2	81.1	210.9	7.3
3	123	100.0	49.0	74.5	191.6	7.4
4	124	100.0	35.2	67.6	139.4	7.9
5	125	100.0	34.7	67.4	128.2	8.9
6	126	100.0	35.2	67.6	242.7	13.5
7	127	89.0	45.3	67.2	208.5	11.2
8	128	100.0	44.4	72.2	255.3	9.0
9	129	100.0	45.0	72.5	374.3	14.0
10	130	100.0	38.7	69.4	195.9	10.1
11	131	91.8	48.0	69.9	195.9	10.1
12	132	92.0	58.4	75.2	317.9	13.7
13	133	100.0	39.0	69.5	173.1	8.0
14	134	82.8	31.0	56.9	487.9	10.2
15	135	100.0	59.0	79.5	116.2	6.3
16	136	100.0	43.0	71.5	522.5	14.2
17	137	100.0	41.2	70.6	316.9	10.9
18	138	100.0	35.0	67.5	246.6	10.7
19	139	95.0	29.2	62.1	112.8	9.1
20	140	82.0	34.8	58.4	349.5	14.2
21	141	97.8	55.0	76.4	544.7	15.7
22	142	100.0	41.6	70.8	355.1	8.1
23	143	100.0	43.0	71.5	257.2	9.9
24	144	100.0	27.1	63.6	119.8	8.2
25	145	95.4	30.6	63.0	178.7	12.4
26	146	95.0	42.0	68.5	315.0	13.2
27	147	100.0	58.8	79.4	414.9	12.0
28	148	100.0	54.0	77.0	359.0	11.5
29	149	100.0	58.0	79.0	198.4	4.7
30	150	100.0	45.3	72.7	251.5	10.2
31	151	100.0	43.0	71.5	342.4	9.4
Mean		97.4	44.8	71.1	269.1	10.2
Abs.Max.		100.0	81.2	90.6	544.7	15.7
Abs.Min.		82.0	27.1	56.9	112.8	4.3

BREDA - DAILY CLIMATIC DATA II
JUNE 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	152	100.0	40.0	70.0	117.6	9.8
2	153	100.0	34.0	67.0	289.8	12.8
3	154	99.9	34.4	67.2	262.2	14.5
4	155	94.8	43.0	68.9	385.8	16.3
5	156	77.0	48.8	62.9	416.8	16.8
6	157	93.7	50.0	71.9	365.7	15.4
7	158	100.0	43.0	71.5	342.6	14.9
8	159	100.0	41.7	70.9	260.8	14.2
9	160	95.0	39.2	67.1	310.5	15.7
10	161	95.0	47.0	71.0	578.7	15.9
11	162	100.0	48.0	74.0	299.0	15.3
12	163	100.0	41.2	70.6	291.5	13.6
13	164	89.3	41.3	65.3	265.9	14.2
14	165	89.4	36.0	62.7	260.7	13.6
15	166	91.0	42.0	66.5	294.6	13.8
16	167	92.0	35.0	63.5	354.2	16.0
17	168	90.2	36.4	63.3	205.4	18.5
18	169	85.6	28.8	57.2	204.8	19.6
19	170	77.1	27.3	52.2	301.2	18.8
20	171	79.9	43.8	61.9	306.2	16.3
21	172	100.0	54.4	77.2	333.2	16.2
22	173	100.0	50.2	75.1	318.3	16.8
23	174	100.0	38.8	69.4	222.6	15.4
24	175	98.0	36.0	67.0	250.0	17.5
25	176	97.0	54.2	75.6	454.2	17.0
26	177	98.0	57.0	77.5	526.7	18.5
27	178	91.9	51.1	71.5	402.2	17.0
28	179	100.0	49.8	74.9	353.7	15.3
29	180	100.0	40.0	70.0	317.3	15.4
30	181	100.0	49.0	74.5	414.6	15.7
Mean		94.5	42.7	68.6	323.6	15.7
Abs.Max.		100.0	57.0	77.5	578.7	19.6
Abs.Min.		77.0	27.3	52.2	117.6	9.8

BREDA - DAILY CLIMATIC DATA II
JULY 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	182	100.0	51.8	75.9	606.7	18.2
2	183	95.2	43.0	69.1	524.2	18.4
3	184	97.0	30.6	63.8	393.1	17.3
4	185	100.0	36.2	68.1	419.0	16.0
5	186	96.8	35.0	65.9	255.6	17.9
6	187	93.1	44.8	69.0	815.5	16.6
7	188	93.0	49.7	71.4	557.2	15.8
8	189	96.8	45.0	70.9	595.9	17.1
9	190	91.0	40.6	65.8	627.2	16.8
10	191	95.0	25.0	60.0	277.9	18.8
11	192	72.4	25.0	48.7	273.1	17.8
12	193	62.0	27.6	44.8	231.3	17.2
13	194	62.8	30.0	46.4	516.3	18.2
14	195	79.0	33.0	56.0	245.2	17.0
15	196	89.0	47.2	68.1	554.7	19.2
16	197	98.0	49.8	73.9	470.9	17.8
17	198	96.2	44.0	70.1	533.6	17.0
18	199	97.0	49.0	73.0	587.9	17.6
19	200	91.3	54.0	72.7	474.0	16.6
20	201	100.0	29.0	64.5	231.9	15.8
21	202	98.3	51.0	74.7	507.2	15.4
22	203	100.0	45.0	72.5	561.1	17.7
23	204	89.0	37.5	63.3	478.5	17.6
24	205	91.5	47.9	69.7	480.6	17.8
25	206	95.2	42.1	68.7	618.6	18.7
26	207	95.4	57.6	76.5	592.1	17.5
27	208	96.8	51.2	74.0	503.6	17.8
28	209	88.0	30.2	59.1	430.4	18.5
29	210	95.0	41.0	68.0	588.8	17.8
30	211	95.7	55.0	75.5	684.0	17.1
31	212	96.5	52.1	74.3	612.5	16.7
Mean		91.8	42.0	66.9	491.9	17.4
Abs.Max.		100.0	57.6	76.5	815.5	19.2
Abs.Min.		62.0	25.0	44.8	231.3	15.4

BREDA - DAILY CLIMATIC DATA II
AUGUST 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	213	96.2	38.2	67.2	460.3	17.5
2	214	96.0	34.9	65.5	412.0	17.2
3	215	87.0	33.8	60.4	509.1	18.4
4	216	95.9	49.0	72.5	684.8	17.4
5	217	98.0	53.9	76.0	584.2	17.5
6	218	97.1	36.0	66.6	530.1	17.7
7	219	100.0	40.4	70.2	455.8	16.5
8	220	98.5	33.2	65.9	153.4	14.7
9	221	98.1	29.9	64.0	358.9	14.6
10	222	99.2	32.0	65.6	623.0	15.7
11	223	92.0	41.2	66.6	516.9	15.6
12	224	92.6	31.0	61.8	252.6	16.1
13	225	81.0	30.6	55.8	245.0	15.7
14	226	92.0	40.2	66.1	475.5	16.6
15	227	96.9	51.0	74.0	618.4	17.3
16	228	97.0	52.2	74.6	483.3	16.2
17	229	96.2	57.0	76.6	554.6	15.4
18	230	98.0	52.8	75.4	594.7	15.8
19	231	99.9	51.0	75.5	394.6	14.6
20	232	99.7	52.0	75.9	435.3	15.1
21	233	100.0	31.0	65.5	367.9	15.5
22	234	100.0	35.0	67.5	410.1	16.4
23	235	88.2	43.8	66.0	372.3	15.9
24	236	89.0	36.0	62.5	351.8	15.1
25	237	92.3	35.3	63.8	270.9	14.8
26	238	89.0	29.4	59.2	280.3	15.5
27	239	92.1	36.0	64.1	331.0	15.7
28	240	89.0	43.0	66.0	461.7	17.1
29	241	93.3	55.0	74.2	438.1	14.3
30	242	100.0	56.8	78.4	345.7	14.5
31	243	100.0	34.0	67.0	356.6	11.9
Mean		95.0	41.1	68.1	430.0	15.9
Abs.Max.		100.0	57.0	78.4	684.8	18.4
Abs.Min.		81.0	29.4	55.8	153.4	11.9

**BREDA - DAILY SOIL TEMPERATURE
SEPTEMBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	244	39.3	24.6	32.0	35.6	31.0	33.3	31.3	28.8	30.1
2	245	40.4	23.9	32.2	36.0	31.0	33.5	31.8	28.8	30.3
3	246	41.1	24.0	m	36.5	30.5	33.5	31.8	28.8	30.3
4	247	40.0	25.0	32.5	36.0	31.0	33.5	31.2	28.4	29.8
5	248	39.5	25.4	32.5	36.0	31.9	34.0	31.4	29.0	30.2
6	249	39.2	24.3	31.8	36.0	31.4	33.7	31.2	28.9	30.1
7	250	38.2	24.8	31.5	35.3	31.1	33.2	31.0	28.5	29.8
8	251	40.3	25.0	32.7	36.0	31.0	33.5	31.3	28.4	29.9
9	252	40.2	25.4	32.8	36.0	31.6	33.8	31.3	29.0	30.2
10	253	39.1	24.9	32.0	25.3	m	m	31.2	m	m
11	254	39.0	25.1	32.1	35.1	31.0	33.1	31.0	28.6	29.8
12	255	38.5	24.3	31.4	35.0	31.0	33.0	30.9	28.5	29.7
13	256	37.1	24.9	31.0	34.2	30.7	32.5	30.2	28.2	29.2
14	257	36.7	22.1	29.4	34.0	29.7	31.9	30.0	27.3	28.7
15	258	36.1	20.5	28.3	33.1	29.0	31.1	29.1	26.4	27.8
16	259	36.7	21.0	28.9	32.8	28.3	30.6	28.9	26.1	27.5
17	260	35.6	21.0	28.3	32.2	28.2	30.2	28.3	26.0	27.2
18	261	36.4	21.5	29.0	32.8	28.8	30.8	28.7	26.3	27.5
19	262	35.0	22.0	28.5	32.0	28.5	30.3	28.1	26.1	27.1
20	263	35.0	21.5	28.3	32.0	28.4	30.2	28.0	26.0	27.0
21	264	36.7	22.2	29.5	32.3	28.0	30.2	28.2	25.9	27.1
22	265	38.0	23.4	30.7	33.1	28.8	31.0	29.0	26.0	27.6
23	266	38.5	25.2	31.9	33.9	30.0	32.0	29.7	27.2	28.5
24	267	38.6	25.3	32.0	34.5	30.2	32.4	30.0	27.7	28.9
25	268	36.0	23.5	29.8	33.3	30.0	31.7	29.1	27.1	28.1
26	269	37.1	24.4	30.8	33.5	29.8	31.7	29.2	27.0	28.1
27	270	38.8	23.2	31.0	34.0	30.0	32.0	29.6	27.1	28.4
28	271	38.9	23.3	31.1	33.9	29.6	31.8	29.5	26.9	28.2
29	272	37.0	23.5	30.3	33.3	29.7	31.5	29.0	27.0	28.0
30	273	33.3	19.9	26.6	31.9	28.0	30.0	27.9	25.3	26.6
Mean		37.9	23.5	(30.7)	33.9	(29.9)	(32.1)	29.9	(27.4)	(28.7)
Abs.Max.		41.1	25.4	(32.8)	36.5	(31.9)	(34.0)	31.8	(29.0)	(30.3)
Abs.Min.		33.3	19.9	(26.6)	25.3	(28.0)	(30.0)	27.9	(25.3)	(26.6)

**BREDA - DAILY SOIL TEMPERATURE
OCTOBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	274	33.6	20.1	26.9	30.9	27.0	29.0	27.1	24.9	26.0
2	275	34.9	20.6	27.8	31.0	27.0	29.0	27.2	24.8	26.0
3	276	34.9	21.0	28.0	31.0	27.1	29.1	27.2	25.0	26.1
4	277	35.8	21.5	28.7	31.2	27.4	29.3	27.2	25.0	26.1
5	278	36.0	21.1	28.6	31.6	27.7	29.7	27.6	25.1	26.4
6	279	36.0	21.8	28.9	31.5	27.3	29.4	27.4	25.0	26.2
7	280	36.0	21.9	29.0	31.4	27.8	29.6	27.7	25.2	26.5
8	281	36.4	21.2	28.8	32.0	27.5	29.8	27.9	25.1	26.5
9	282	35.2	20.4	27.8	31.3	27.1	29.2	27.2	24.8	26.0
10	283	34.1	21.2	27.7	30.8	27.0	28.9	26.8	24.7	25.8
11	284	33.0	19.2	26.1	30.4	26.4	28.4	26.5	24.1	25.3
12	285	31.0	17.4	24.2	29.0	25.1	27.1	25.2	22.9	24.1
13	286	30.8	18.3	24.6	28.4	25.8	27.1	24.8	22.6	23.7
14	287	31.3	18.0	24.7	28.6	25.0	26.8	24.8	22.5	23.7
15	288	29.2	18.5	23.9	27.8	24.6	26.2	24.1	22.2	23.2
16	289	29.4	18.2	23.8	27.9	24.3	26.1	24.2	22.0	23.1
17	290	28.3	19.9	24.1	27.3	24.3	25.8	23.9	22.0	23.0
18	291	28.1	21.0	24.6	27.8	26.0	26.9	24.2	23.1	23.7
19	292	30.1	20.1	25.1	28.2	25.7	27.0	24.5	23.0	23.8
20	293	32.3	20.4	26.4	29.0	25.4	27.2	25.1	23.0	24.1
21	294	32.4	20.7	26.6	29.1	25.8	27.5	25.2	23.1	24.2
22	295	31.4	20.4	25.9	29.0	26.0	27.5	25.0	23.2	24.1
23	296	32.0	19.0	25.5	29.1	25.3	27.2	25.0	23.0	24.0
24	297	27.1	18.2	22.7	27.1	24.4	25.8	23.5	21.9	22.7
25	298	25.9	16.7	21.3	26.2	23.0	24.6	22.6	20.4	21.5
26	299	27.2	17.0	22.1	26.0	23.0	24.5	22.2	20.5	21.4
27	300	28.0	17.8	22.9	26.4	23.3	24.9	22.6	21.0	21.8
28	301	24.9	13.3	19.1	25.2	21.6	23.4	21.8	19.2	20.5
29	302	26.0	14.3	20.2	25.0	21.1	23.1	21.4	19.1	20.3
30	303	27.4	18.3	22.9	25.9	23.0	24.5	22.0	20.2	21.1
31	304	28.0	16.8	22.4	26.2	23.0	24.6	22.3	20.7	21.5
Mean		31.2	19.2	25.2	28.8	25.3	27.1	25.0	22.9	23.9
Abs.Max.		36.4	21.9	29.0	32.0	27.8	29.8	27.9	25.2	26.5
Abs.Min.		24.9	13.3	19.1	25.0	21.1	23.1	21.4	19.1	20.3

**BREDA - DAILY SOIL TEMPERATURE
NOVEMBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	305	29.2	17.3	23.3	26.8	23.0	24.9	22.8	20.5	21.7
2	306	28.0	16.6	22.3	26.3	23.2	24.8	22.7	20.8	21.8
3	307	28.0	16.8	22.4	26.3	23.0	24.7	22.3	20.5	21.4
4	308	27.7	16.1	21.9	25.9	22.9	24.4	22.0	20.2	21.1
5	309	28.2	16.2	22.2	26.1	22.5	24.3	22.3	20.1	21.2
6	310	28.0	17.7	22.9	26.0	22.7	24.4	22.0	20.2	21.1
7	311	25.1	18.5	21.8	24.9	22.7	23.8	21.3	20.1	20.7
8	312	25.3	16.8	21.1	25.0	22.8	23.9	21.3	20.0	20.7
9	313	19.3	13.2	16.3	22.9	19.1	21.0	20.1	17.2	18.7
10	314	17.6	11.2	14.4	20.3	17.7	19.0	17.7	16.0	16.9
11	315	16.7	7.9	12.3	19.2	14.3	16.8	16.4	13.2	14.8
12	316	16.1	5.1	10.6	17.5	12.6	15.1	15.0	12.0	13.5
13	317	15.6	5.6	10.6	16.3	12.1	14.2	14.0	11.6	12.8
14	318	15.2	7.2	11.2	16.2	12.3	14.3	13.8	11.3	12.6
15	319	16.3	8.6	12.5	17.0	13.2	15.1	14.2	12.0	13.1
16	320	18.1	8.1	13.1	18.0	14.0	16.0	15.1	12.8	14.0
17	321	18.3	8.0	13.2	18.0	14.0	16.0	15.0	12.4	13.7
18	322	18.8	8.3	13.6	18.0	13.9	16.0	15.0	12.2	13.6
19	323	19.4	15.0	17.2	18.1	14.0	16.1	15.2	12.7	14.0
20	324	21.1	14.6	17.9	19.9	17.1	18.5	16.9	15.0	16.0
21	325	21.6	11.7	16.7	20.1	16.0	18.1	17.0	14.4	15.7
22	326	20.8	10.9	15.9	19.2	15.3	17.3	16.2	13.9	15.1
23	327	19.3	10.3	14.8	18.3	14.9	16.6	15.5	13.2	14.4
24	328	19.2	10.9	15.1	18.0	14.7	16.4	15.2	13.0	14.1
25	329	20.7	11.8	16.3	19.0	15.9	17.5	16.0	14.0	15.0
26	330	19.8	11.0	15.4	18.2	15.3	16.8	15.4	13.8	14.6
27	331	19.3	11.0	15.2	17.6	14.8	16.2	15.0	13.1	14.1
28	332	19.2	11.0	15.1	17.5	14.5	16.0	14.8	13.0	13.9
29	333	19.2	11.2	15.2	17.3	14.3	15.8	14.8	12.8	13.8
30	334	19.1	12.9	16.0	17.5	15.0	16.3	14.9	13.1	14.0
Mean		21.0	12.1	16.6	20.4	16.9	18.7	17.3	15.2	16.3
Abs. Max.		29.2	18.5	23.3	26.8	23.2	24.9	22.8	20.8	21.8
Abs. Min.		15.2	5.1	10.6	16.2	12.1	14.2	13.8	11.3	12.6

**BREDA - DAILY SOIL TEMPERATURE
DECEMBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	335	19.7	13.1	16.4	18.0	15.7	16.9	15.1	13.7	14.4
2	336	18.4	13.2	15.8	17.3	15.5	16.4	14.9	13.6	14.3
3	337	18.3	12.6	15.5	17.1	15.3	16.2	14.6	13.3	14.0
4	338	18.9	12.6	15.8	17.7	15.1	16.4	14.9	13.2	14.1
5	339	18.4	11.0	14.7	17.5	15.0	16.3	14.8	13.0	13.9
6	340	19.9	10.0	15.0	17.8	14.0	15.9	14.8	12.3	13.6
7	341	19.3	9.8	14.6	17.1	13.9	15.5	14.2	12.1	13.2
8	342	18.0	9.4	13.7	16.6	13.7	15.2	13.8	12.0	12.9
9	343	18.3	9.0	13.7	16.4	13.2	14.8	13.8	11.8	12.8
10	344	17.2	5.7	11.5	15.8	11.2	13.5	13.0	10.0	11.5
11	345	15.6	6.0	10.8	14.1	10.9	12.5	11.5	9.5	10.5
12	346	15.2	7.8	11.5	14.2	11.2	12.7	11.6	9.6	10.6
13	347	15.9	12.0	14.0	15.4	13.8	14.6	12.6	11.4	12.0
14	348	18.0	8.1	13.1	16.2	12.6	14.4	13.2	10.8	12.0
15	349	17.0	8.1	12.6	15.1	12.2	13.7	12.2	10.4	11.3
16	350	16.8	8.2	12.5	15.0	12.0	13.5	12.0	10.2	11.1
17	351	17.8	9.7	13.8	15.5	12.7	14.1	12.7	10.8	11.8
18	352	17.2	6.0	11.6	15.2	11.2	13.2	12.3	9.8	11.1
19	353	15.4	6.4	10.9	13.9	10.8	12.4	11.1	9.3	10.2
20	354	14.4	10.4	12.4	13.9	12.4	13.2	11.2	10.3	10.8
21	355	15.3	10.3	12.8	14.3	12.7	13.5	11.6	10.6	11.1
22	356	14.2	9.3	11.8	14.0	12.0	13.0	11.3	10.1	10.7
23	357	16.3	9.6	13.0	14.6	12.0	13.3	11.9	10.1	11.0
24	358	11.2	3.1	7.2	12.6	9.0	10.8	10.4	8.0	9.2
25	359	11.2	2.9	7.1	10.5	8.0	9.3	8.2	6.8	7.5
26	360	11.4	1.0	6.2	10.2	7.0	8.6	7.9	5.9	6.9
27	361	10.4	1.0	5.7	9.2	7.0	8.1	6.9	5.3	6.1
28	362	8.9	3.4	6.2	9.0	6.8	7.9	6.8	5.3	6.1
29	363	12.1	1.4	6.8	10.2	6.8	8.5	7.5	5.3	6.4
30	364	11.8	1.5	6.7	9.5	6.2	7.9	7.0	5.0	6.0
31	365	12.3	1.7	7.0	9.3	6.1	7.7	7.2	5.1	6.2
Mean		15.6	7.6	11.6	14.3	11.5	12.9	11.6	9.8	10.8
Abs. Max.		19.9	13.2	16.4	18.0	15.7	16.9	15.1	13.7	14.4
Abs. Min.		8.9	1.0	5.7	9.0	6.1	7.7	6.8	5.0	6.0

**BREDA - DAILY SOIL TEMPERATURE
JANUARY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	1	10.8	2.2	6.5	8.9	6.0	7.5	7.0	5.0	6.0
2	2	13.3	4.9	9.1	10.0	6.6	8.3	7.8	5.6	6.7
3	3	11.6	7.2	9.4	10.4	7.8	9.1	8.3	6.3	7.3
4	4	12.0	5.2	8.6	11.0	8.0	9.5	9.0	7.0	8.0
5	5	12.3	6.6	9.5	10.9	8.0	9.5	8.8	6.9	7.9
6	6	12.0	6.8	9.4	11.0	8.8	9.9	9.0	7.2	8.1
7	7	13.0	7.3	10.2	11.1	8.3	9.7	9.0	7.0	8.0
8	8	11.0	9.0	10.0	10.9	10.0	10.5	9.0	8.5	8.8
9	9	10.7	9.0	9.9	10.5	9.7	10.1	8.8	8.0	8.4
10	10	m	m	m	11.0	8.6	9.8	9.0	7.1	8.1
11	11	m	4.4	m	10.6	7.5	9.1	8.3	6.3	7.3
12	12	13.0	m	m	10.3	7.0	8.7	8.0	6.0	7.0
13	13	m	3.7	m	10.4	7.0	8.7	8.0	6.0	7.0
14	14	13.4	3.5	8.5	10.3	6.3	8.3	8.2	5.6	6.9
15	15	14.6	6.0	10.3	11.3	7.0	9.2	9.0	6.0	7.5
16	16	12.5	7.0	9.8	10.5	8.0	9.3	8.8	7.0	7.9
17	17	13.3	8.3	10.8	11.3	9.0	10.2	9.2	7.8	8.5
18	18	13.9	5.9	9.9	12.0	8.0	10.0	10.0	7.0	8.5
19	19	12.0	7.0	9.5	10.3	8.0	9.2	8.4	7.0	7.7
20	20	11.1	9.3	10.2	10.5	9.7	10.1	8.7	8.0	8.4
21	21	13.5	9.0	11.3	11.9	9.9	10.9	9.7	8.1	8.9
22	22	13.0	6.7	9.9	11.4	8.9	10.2	9.2	7.8	8.5
23	23	12.5	4.0	8.3	10.6	7.0	8.8	8.3	6.2	7.3
24	24	10.9	3.7	7.3	9.0	6.6	7.8	7.0	5.6	6.3
25	25	10.3	3.8	7.1	8.4	6.0	7.2	6.4	5.0	5.7
26	26	9.0	2.8	5.9	7.9	5.5	6.7	5.9	4.7	5.3
27	27	10.4	2.8	6.6	8.0	5.0	6.5	5.9	4.0	5.0
28	28	11.1	3.8	7.5	9.0	6.0	7.5	6.6	4.8	5.7
29	29	7.0	5.4	6.2	7.9	7.0	7.5	6.8	5.2	6.0
30	30	7.5	5.8	6.7	7.9	7.0	7.5	5.6	5.1	5.4
31	31	9.9	5.9	7.9	9.0	7.3	8.2	6.7	5.4	6.1
Mean		(11.6)	(5.8)	(8.8)	10.1	7.6	8.9	8.1	6.4	7.2
Abs.Max.		(14.6)	(9.3)	(11.3)	12.0	10.0	10.9	10.0	8.5	8.9
Abs.Min.		(7.0)	(2.2)	(5.9)	7.9	5.0	6.5	5.6	4.0	5.0

**BREDA - DAILY SOIL TEMPERATURE
FEBRUARY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	32	11.7	5.3	8.5	9.8	7.8	8.8	7.0	6.0	6.5
2	33	11.6	6.0	8.8	10.0	7.8	8.9	7.3	6.0	6.7
3	34	10.0	4.0	7.0	9.4	6.8	8.1	7.0	5.2	6.1
4	35	7.3	3.3	5.3	7.0	5.8	6.4	5.2	4.3	4.8
5	36	8.1	3.4	5.8	7.1	5.4	6.3	5.1	4.1	4.6
6	37	7.2	4.0	5.6	6.8	5.8	6.3	4.9	4.1	4.5
7	38	10.7	3.2	7.0	8.2	5.8	7.0	6.0	4.4	5.2
8	39	11.8	3.0	7.4	8.6	5.4	7.0	6.0	4.2	5.1
9	40	11.2	2.9	7.1	8.3	5.5	6.9	5.9	4.0	5.0
10	41	12.2	2.9	7.6	8.9	5.2	7.1	6.1	4.0	5.1
11	42	14.2	4.2	9.2	10.8	6.2	8.5	7.9	4.9	6.4
12	43	15.0	4.7	9.9	11.0	7.1	9.1	8.0	5.7	6.9
13	44	11.0	5.9	8.5	9.7	8.0	8.9	7.1	6.1	6.6
14	45	15.0	5.3	10.2	11.3	8.0	9.7	8.4	6.2	7.3
15	46	13.9	5.7	9.8	10.9	8.0	9.5	8.0	6.4	7.2
16	47	11.0	8.0	9.5	10.6	9.3	10.0	8.2	7.4	7.8
17	48	15.3	8.3	11.8	12.2	9.3	10.8	9.3	7.3	8.3
18	49	16.2	9.4	12.8	12.9	10.0	11.5	10.1	8.0	9.1
19	50	15.8	9.9	12.9	13.0	10.9	12.0	10.4	9.0	9.7
20	51	18.6	8.2	13.4	14.5	11.0	12.8	11.4	9.4	10.4
21	52	18.8	7.8	13.3	14.3	10.2	12.3	11.2	9.8	10.0
22	53	15.0	8.2	11.6	12.8	10.0	11.4	10.0	8.5	9.3
23	54	16.3	10.2	13.3	13.2	11.0	12.1	10.6	9.0	9.8
24	55	19.9	11.6	15.8	15.4	12.0	13.7	12.2	10.0	11.1
25	56	13.7	10.8	12.3	13.1	11.8	12.5	11.0	10.0	10.5
26	57	17.0	9.0	13.0	14.0	11.3	12.7	11.2	9.9	10.6
27	58	17.9	9.4	13.7	14.6	11.1	12.9	11.8	9.8	10.8
28	59	18.0	8.4	13.2	15.0	11.7	13.4	12.1	10.0	11.1
Mean		13.7	6.5	10.2	11.2	8.5	9.9	8.6	6.9	7.7
Abs. Max.		19.9	11.6	15.8	15.4	12.0	13.7	12.2	10.0	11.1
Abs. Min.		7.2	2.9	5.3	6.8	5.2	6.3	4.9	4.0	4.5

**BREDA - DAILY SOIL TEMPERATURE
MARCH 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	60	18.9	8.7	13.8	15.0	11.2	13.1	12.0	10.0	11.0
2	61	18.6	9.2	13.9	15.3	12.0	13.7	12.4	10.6	11.5
3	62	21.0	9.3	15.2	16.0	11.8	13.9	12.9	10.2	11.6
4	63	19.5	11.0	15.3	16.0	12.8	14.4	13.2	11.0	12.1
5	64	16.7	9.7	13.2	14.9	11.8	13.4	12.4	10.6	11.5
6	65	17.1	7.8	12.5	14.0	10.8	12.4	11.4	10.6	11.0
7	66	16.6	9.3	13.0	13.8	10.4	12.1	11.2	9.3	10.3
8	67	16.0	9.0	12.5	13.5	11.0	12.3	11.2	9.2	10.2
9	68	15.3	4.5	9.9	12.6	8.6	10.6	10.1	7.8	9.0
10	69	15.2	5.0	10.1	11.8	8.2	10.0	9.2	7.3	8.3
11	70	12.8	9.0	10.9	11.9	10.0	11.0	9.4	8.3	8.9
12	71	17.6	10.2	13.9	14.0	10.7	12.4	11.1	8.9	10.0
13	72	18.8	9.7	14.3	15.2	11.9	13.6	12.2	10.2	11.2
14	73	17.1	9.1	13.1	14.2	11.2	12.7	11.5	9.7	10.6
15	74	21.2	10.0	15.6	16.0	11.2	13.6	12.9	9.8	11.4
16	75	17.4	10.4	13.9	14.8	12.1	13.5	12.0	10.4	11.2
17	76	14.3	11.0	12.7	13.5	12.1	12.8	11.2	10.2	10.7
18	77	14.8	11.3	13.1	13.3	12.1	12.7	11.0	10.2	10.6
19	78	m	m	m	15.3	12.4	13.9	12.7	10.9	11.8
20	79	m	m	m	17.4	12.1	14.8	14.0	10.6	12.3
21	80	23.0	14.6	18.8	18.4	14.7	16.6	15.2	12.6	13.9
22	81	18.3	15.1	16.7	17.0	15.5	16.3	14.4	13.4	13.9
23	82	m	15.2	m	17.9	15.4	16.7	14.8	13.3	14.1
24	83	21.1	15.0	18.1	18.0	15.8	16.9	15.2	13.8	14.5
25	84	26.0	15.0	20.5	20.8	16.0	18.4	17.3	14.0	15.7
26	85	27.1	15.1	21.1	21.2	16.9	19.1	18.0	15.0	16.5
27	86	28.0	14.6	21.3	21.9	17.0	19.5	18.4	15.3	16.9
28	87	28.0	14.3	21.2	22.0	17.0	19.5	18.8	15.4	17.1
29	88	24.9	16.9	20.9	21.1	18.1	19.6	18.2	16.3	17.3
30	89	29.0	16.2	22.6	23.0	18.0	20.5	19.6	16.2	17.9
31	90	26.4	15.7	21.1	21.8	18.1	20.0	18.6	16.6	17.6
Mean		(20.0)	(11.4)	(15.7)	16.5	13.1	14.8	13.6	11.5	12.6
Abs. Max.		(29.0)	(16.9)	(22.6)	23.0	18.1	20.5	19.6	16.6	17.9
Abs. Min.		(12.8)	(4.5)	(9.9)	11.8	8.2	10.0	9.2	7.3	8.3

**BREDA - DAILY SOIL TEMPERATURE
APRIL 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	91	26.0	15.5	20.8	21.3	17.8	19.6	18.3	16.1	17.2
2	92	23.0	17.6	20.3	20.3	18.2	19.3	17.9	16.4	17.2
3	93	25.6	16.0	20.8	21.1	17.9	19.5	18.0	16.1	17.1
4	94	21.8	15.9	18.9	19.8	17.8	18.8	17.3	16.0	16.7
5	95	23.8	13.9	18.9	20.0	16.5	18.3	17.0	15.0	16.0
6	96	26.0	15.1	20.6	21.1	17.1	19.1	17.9	15.5	16.7
7	97	27.7	13.4	20.6	22.0	16.7	19.4	18.8	15.2	17.0
8	98	22.6	15.0	18.8	20.2	18.5	19.4	17.6	16.7	17.2
9	99	18.9	12.3	15.6	17.8	15.6	16.7	16.6	14.1	15.4
10	100	19.2	12.2	15.7	16.8	15.0	15.9	14.9	13.2	14.1
11	101	22.0	13.0	17.5	18.0	14.7	16.4	15.0	13.0	14.0
12	102	24.3	10.9	17.6	19.3	14.0	16.7	15.8	12.8	14.3
13	103	26.8	12.0	19.4	21.0	15.0	18.0	17.2	13.5	15.4
14	104	28.3	15.4	21.9	22.6	17.2	19.9	19.0	15.1	17.1
15	105	22.6	18.2	20.4	20.4	19.0	19.7	18.8	17.0	17.9
16	106	22.8	15.7	19.3	20.2	17.7	19.0	17.4	16.0	16.7
17	107	25.4	14.0	19.7	21.0	16.8	18.9	17.8	15.1	16.5
18	108	27.5	13.4	20.5	22.0	16.7	19.4	18.5	15.1	16.8
19	109	27.9	14.8	21.4	22.7	17.7	20.2	19.1	15.9	17.5
20	110	26.7	18.2	22.5	22.8	19.3	21.1	19.5	17.2	18.4
21	111	29.8	18.0	23.9	24.0	19.8	21.9	20.2	17.8	19.0
22	112	30.3	15.9	23.1	24.8	19.0	21.9	20.8	17.1	19.0
23	113	29.5	17.9	23.7	24.7	20.2	22.5	21.1	18.1	19.6
24	114	32.8	19.3	26.1	26.2	21.2	23.7	22.1	19.1	20.6
25	115	32.0	18.7	25.4	26.0	21.5	23.8	21.9	19.4	20.7
26	116	32.2	17.7	25.0	26.0	21.1	23.6	21.9	19.1	20.5
27	117	33.2	17.5	25.4	26.2	21.0	23.6	22.1	19.0	20.6
28	118	32.6	17.0	24.8	26.1	21.0	23.6	22.2	19.0	20.6
29	119	31.0	19.0	25.0	26.1	22.0	24.1	22.8	19.9	21.4
30	120	32.1	23.1	27.6	26.8	24.0	25.4	23.0	21.4	22.2
Mean		26.8	15.9	21.4	22.2	18.3	20.3	19.0	16.5	17.8
Abs.Max.		33.2	23.1	27.6	26.8	24.0	25.4	23.0	21.4	22.2
Abs.Min.		18.9	10.9	15.6	16.8	14.0	15.9	14.9	12.8	14.0

**BREDA - DAILY SOIL TEMPERATURE
MAY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	121	25.6	19.3	22.5	26.0	22.0	24.0	22.9	19.9	21.4
2	122	28.3	15.6	22.0	24.4	19.0	21.7	20.7	17.2	19.0
3	123	31.0	15.9	23.5	25.7	19.2	22.5	21.8	17.6	19.7
4	124	32.1	17.6	24.9	26.8	20.7	23.8	22.7	18.7	20.7
5	125	34.0	18.8	26.4	27.9	21.6	24.8	23.9	19.6	21.8
6	126	34.9	21.1	28.0	29.0	23.4	26.2	25.0	21.3	23.2
7	127	35.3	21.1	28.3	29.2	23.9	26.6	25.0	21.5	23.3
8	128	32.4	23.3	27.9	28.1	24.9	26.5	24.3	22.2	23.3
9	129	34.0	22.7	28.4	28.9	24.9	26.9	24.8	22.3	23.6
10	130	35.2	20.3	27.8	29.2	24.0	26.6	25.0	21.8	23.4
11	131	35.0	23.0	29.0	29.2	25.0	26.6	25.0	21.8	23.4
12	132	36.0	23.6	29.8	30.0	25.4	27.7	25.8	23.0	24.4
13	133	32.2	23.3	27.8	28.8	25.7	27.3	24.8	23.1	24.0
14	134	36.8	22.2	29.5	30.0	25.0	27.5	25.5	22.5	24.0
15	135	31.2	24.9	28.1	28.9	26.4	27.7	25.1	23.5	24.3
16	136	31.0	23.2	27.1	28.0	25.7	26.9	24.0	22.8	23.4
17	137	33.6	19.9	26.8	28.5	24.0	26.3	24.2	21.5	22.9
18	138	36.2	20.5	28.4	29.8	24.2	27.0	25.1	21.8	23.5
19	139	37.8	20.9	29.4	30.6	24.8	27.7	26.0	22.2	24.1
20	140	39.0	24.1	31.6	31.8	26.7	29.3	27.0	24.0	25.5
21	141	32.3	24.0	28.2	30.0	26.8	28.4	26.2	24.0	25.1
22	142	28.4	19.4	23.9	27.4	24.0	25.7	24.3	21.6	23.0
23	143	33.1	16.7	24.9	27.7	21.3	24.5	23.3	19.4	21.4
24	144	34.5	18.1	26.3	29.3	22.3	25.8	25.0	20.1	22.6
25	145	37.1	21.1	29.1	31.0	24.4	27.7	26.4	22.0	24.2
26	146	36.6	22.5	29.6	31.0	25.8	28.4	26.1	23.0	24.6
27	147	33.3	22.0	27.7	29.0	25.0	27.0	25.5	22.8	24.2
28	148	33.6	19.6	26.6	28.4	23.6	26.0	24.1	21.2	22.7
29	149	27.8	19.2	23.5	27.1	23.5	25.3	23.8	21.1	22.5
30	150	33.1	17.9	25.5	28.0	22.0	25.0	23.6	19.9	21.8
31	151	34.0	18.2	26.1	28.7	22.9	25.8	24.1	20.3	22.2
Mean		33.4	20.6	27.1	28.7	23.8	26.2	24.5	21.4	23.0
Abs. Max.		39.0	24.9	31.6	31.8	26.8	29.3	27.0	24.0	25.5
Abs. Min.		25.6	15.6	22.0	24.4	19.0	21.7	20.7	17.2	19.0

**BREDA - DAILY SOIL TEMPERATURE
JUNE 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	152	35.8	19.2	27.5	29.8	23.3	26.6	25.0	21.0	23.0
2	153	36.2	20.8	28.5	29.9	24.1	27.0	25.2	21.8	23.5
3	154	38.0	21.8	29.9	31.1	25.0	28.1	26.4	22.5	24.5
4	155	38.5	22.9	30.7	31.6	26.1	28.9	26.9	23.4	25.2
5	156	39.1	24.7	31.9	32.0	27.0	29.5	27.3	24.2	25.8
6	157	39.0	25.7	32.4	32.2	28.0	30.1	27.9	25.0	26.5
7	158	39.3	24.9	32.1	32.3	27.9	30.1	27.9	25.0	26.5
8	159	41.6	24.3	33.0	33.5	27.8	30.7	28.8	25.0	26.9
9	160	42.7	24.9	33.8	34.0	28.3	31.2	29.0	25.8	27.4
10	161	40.0	25.2	32.6	33.4	28.9	31.2	29.5	26.3	27.9
11	162	39.2	25.7	32.5	32.9	28.9	30.9	29.1	26.9	28.0
12	163	41.8	25.4	33.6	34.0	28.9	31.5	30.1	26.9	28.5
13	164	43.0	26.3	34.7	34.9	29.8	32.3	30.9	27.5	29.2
14	165	43.9	26.7	35.3	35.3	30.0	32.7	31.5	28.0	29.8
15	166	44.1	27.5	35.8	35.7	30.6	33.2	31.7	28.5	30.1
16	167	45.0	27.4	36.2	36.0	31.0	33.5	32.1	28.9	30.5
17	168	45.4	28.2	36.8	36.8	31.9	34.4	32.5	29.5	31.0
18	169	46.0	28.2	37.1	37.0	31.8	34.4	32.9	29.7	31.3
19	170	46.5	29.0	37.8	37.2	32.3	34.8	33.0	30.0	31.5
20	171	46.0	28.7	37.4	37.0	32.2	34.6	33.0	30.0	31.5
21	172	45.0	28.3	36.7	36.8	32.0	34.4	32.7	30.0	31.4
22	173	44.7	28.8	36.8	36.6	32.0	34.3	32.4	30.0	31.2
23	174	46.7	29.0	37.9	37.9	32.2	35.1	33.4	30.1	31.8
24	175	47.3	29.9	38.6	38.3	33.1	35.7	34.0	31.0	32.5
25	176	45.4	30.1	37.8	37.7	33.6	35.7	33.3	31.0	32.2
26	177	43.1	30.0	36.6	36.4	33.0	34.7	32.8	30.8	31.8
27	178	43.0	28.5	35.8	36.0	32.2	34.1	32.0	30.0	31.0
28	179	44.3	27.9	36.1	36.4	32.0	34.2	32.2	29.8	31.0
29	180	45.2	28.8	37.0	37.0	32.3	34.7	32.9	30.0	31.5
30	181	45.5	28.7	37.1	37.0	32.3	34.7	33.0	30.1	31.6
Mean		42.7	26.6	34.7	34.9	29.9	32.4	30.6	27.6	29.2
Abs. Max.		47.3	30.1	38.6	38.3	33.6	35.7	34.0	31.0	32.5
Abs. Min.		35.8	19.2	27.5	29.8	23.3	26.6	25.0	21.0	23.0

**BREDA - DAILY SOIL TEMPERATURE
JULY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	182	43.8	30.3	37.1	36.8	33.0	34.9	32.5	30.8	31.7
2	183	43.5	30.2	36.9	36.5	33.0	34.8	32.3	30.3	31.3
3	184	44.0	29.2	36.6	36.8	32.5	34.7	32.3	30.1	31.2
4	185	44.4	27.0	35.7	36.6	31.8	34.2	32.1	29.7	30.9
5	186	42.8	28.0	35.4	35.8	31.9	33.9	31.5	29.5	30.5
6	187	41.4	28.5	35.0	35.0	32.0	33.5	31.0	29.4	30.2
7	188	41.0	27.1	34.1	35.0	31.0	33.0	30.9	28.9	29.9
8	189	42.9	28.5	35.7	35.6	31.2	33.4	31.0	29.0	30.0
9	190	42.8	29.0	35.9	35.6	31.9	33.8	31.0	29.0	30.0
10	191	43.6	28.3	36.0	35.9	31.9	33.9	31.2	29.0	30.1
11	192	45.5	27.9	36.7	36.9	31.9	34.4	32.0	29.0	30.5
12	193	46.9	28.3	37.6	37.7	32.2	35.0	32.8	29.5	31.2
13	194	45.6	28.9	37.3	37.0	32.9	35.0	32.7	30.0	31.4
14	195	46.2	29.3	37.8	37.8	33.0	35.4	32.8	30.1	31.5
15	196	44.5	29.2	36.9	37.0	33.0	35.0	32.7	30.2	31.5
16	197	44.1	29.5	36.8	36.9	32.8	34.9	32.0	30.0	31.0
17	198	45.0	28.3	36.7	37.0	32.2	34.6	32.0	29.6	30.8
18	199	44.0	30.0	37.0	36.6	33.0	34.8	32.0	30.0	31.0
19	200	43.0	29.6	36.3	36.0	32.7	34.4	31.6	29.7	30.7
20	201	46.3	29.0	37.7	38.0	32.3	35.2	33.0	29.6	31.3
21	202	45.0	30.1	37.6	37.0	33.2	35.1	32.8	30.3	31.6
22	203	44.7	31.0	37.9	37.4	33.0	35.2	32.9	30.2	31.6
23	204	45.8	31.0	38.4	38.0	33.8	35.9	33.2	31.0	32.1
24	205	45.2	30.8	38.0	37.8	33.9	35.9	33.0	31.0	32.0
25	206	44.1	30.2	37.2	37.1	33.5	35.3	32.9	31.0	32.0
26	207	43.0	31.0	37.0	36.8	33.4	35.1	32.5	30.9	31.7
27	208	44.8	30.7	37.8	37.2	33.1	35.2	32.1	30.2	31.2
28	209	45.0	30.2	37.6	37.2	33.3	35.3	32.5	30.5	31.5
29	210	44.0	29.3	36.7	36.9	33.0	35.0	32.2	30.4	31.3
30	211	42.0	29.8	35.9	36.0	33.0	34.5	31.7	30.1	30.9
31	212	41.5	28.8	35.2	35.3	32.1	33.7	31.1	29.6	30.4
Mean		44.1	29.3	36.7	36.7	32.6	34.7	32.1	30.0	31.1
Abs. Max.		46.9	31.0	38.4	38.0	33.9	35.9	33.2	31.0	32.1
Abs. Min.		41.0	27.0	34.1	35.0	31.0	33.0	30.9	28.9	29.9

**BREDA - DAILY SOIL TEMPERATURE
AUGUST 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	213	43.6	28.8	36.2	36.1	32.0	34.1	31.8	29.4	30.6
2	214	45.5	28.9	37.2	37.0	32.3	34.7	32.4	29.9	31.2
3	215	44.1	29.6	36.9	37.0	33.0	35.0	32.2	30.2	31.2
4	216	43.0	30.1	36.6	36.4	33.0	34.7	32.0	30.2	31.1
5	217	40.1	30.0	35.1	36.3	32.9	34.9	32.0	30.1	31.1
6	218	41.8	30.9	36.4	37.0	32.7	34.9	32.4	30.1	31.3
7	219	43.0	31.0	37.0	37.9	33.0	35.5	33.0	30.6	31.8
8	220	43.2	31.1	37.2	38.2	33.2	35.7	33.4	30.8	32.1
9	221	42.3	30.3	36.3	37.8	33.0	35.4	33.0	30.7	31.9
10	222	41.0	31.5	36.3	37.0	33.5	35.3	32.8	31.0	31.9
11	223	41.3	31.0	36.2	37.0	33.0	35.0	32.5	30.5	31.5
12	224	42.4	31.0	36.7	38.0	33.0	35.5	33.3	31.0	32.2
13	225	44.0	31.3	37.7	39.0	33.8	36.4	34.1	31.2	32.7
14	226	42.6	31.2	36.9	38.2	34.0	36.1	33.8	31.5	32.7
15	227	41.4	32.0	36.7	37.7	34.1	35.9	33.0	31.6	32.3
16	228	41.4	31.7	36.6	37.6	34.0	35.8	33.0	31.2	32.1
17	229	41.0	31.0	36.0	37.1	33.4	35.3	32.8	31.0	31.9
18	230	40.6	31.3	36.0	37.0	33.4	35.2	32.4	31.0	31.7
19	231	41.6	31.0	36.3	37.4	33.1	35.3	32.9	30.8	31.9
20	232	41.0	30.2	35.6	37.0	32.8	34.9	32.5	30.4	31.5
21	233	41.8	30.9	36.4	37.2	33.0	35.1	32.9	30.6	31.8
22	234	41.6	31.1	36.4	37.3	33.2	35.3	32.9	30.8	31.9
23	235	41.6	30.2	35.6	37.0	33.0	35.0	32.5	30.3	31.4
24	236	41.5	30.0	35.8	37.1	32.6	34.9	32.8	30.1	31.5
25	237	41.2	30.3	35.8	37.0	33.0	35.0	32.5	30.6	31.6
26	238	40.2	28.7	34.5	36.3	31.9	34.1	32.2	29.8	31.0
27	239	40.1	28.1	34.1	36.0	31.1	33.6	32.0	29.7	30.9
28	240	39.0	28.0	33.5	35.3	31.0	33.2	31.5	29.3	30.4
29	241	38.4	27.8	33.1	35.0	30.8	32.9	31.0	29.0	30.0
30	242	38.7	27.7	33.2	35.0	30.8	32.9	31.0	29.0	30.0
31	243	39.0	27.5	33.3	35.2	30.7	33.0	31.3	28.9	30.1
Mean		41.5	30.1	35.9	36.9	32.7	34.9	32.5	30.4	31.5
Abs. Max.		45.5	32.0	37.7	39.0	34.1	36.4	34.1	31.6	32.7
Abs. Min.		38.4	27.5	33.1	35.0	30.7	32.9	31.0	28.9	30.0

GHRERIFE

(SYRIA)

1990-1991 Season

Latitude	Longitude	Elevation
35°50'N	37°15'E	320 m

**Total monthly precipitation (mm), mean maximum and minimum air temperature (°C)
from 1984-85 to 1990-91 season at GHRERIFE**

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Mean/ Total
Precipitation													
1984-85	m	m	m	m	(28.8)	31.0	5.6	22.8	12.8	0.0	0.0	0.0	(101)
1985-86	0.0	8.2	3.8	48.4	49.2	44.2	27.6	20.8	37.6	0.0	0.0	0.0	240
1986-87	0.0	18.4	7.0	29.2	51.8	26.8	37.2	13.4	0.6	0.0	0.0	0.0	184
1987-88	0.0	102.0	33.8	38.7	76.2	88.6	71.6	19.6	7.0	4.2	0.0	0.0	442
1988-89	0.0	72.7	50.0	62.4	0.4	1.8	13.0	0.0	1.2	0.0	0.0	0.0	202
1989-90	0.0	26.0	26.0	34.0	28.8	35.2	10.4	3.0	6.2	0.0	0.0	0.0	169
1990-91	0.0	4.2	22.8	18.8	57.8	16.4	68.4	23.2	20.2	0.0	0.0	0.0	232
Mean	0.0	38.5	23.9	38.5	44.0	34.8	33.4	14.6	12.2	0.6	0.0	0.0	245
Maximum Temperature													
1984-85	m	m	m	m	(11.2)*	9.2*	15.6*	23.7*	30.3*	(34.4)*	33.9*	37.2*	(25.7)*
1985-86	31.5*	24.2*	18.7*	9.6*	11.6*	15.5*	18.9	24.6	25.6	33.0	37.1	37.7	24.0*
1986-87	35.4	27.1	16.4	13.2	12.7	16.2	15.1	23.1	30.5	34.8	38.8	37.9	25.1
1987-88	34.3	24.9	17.4	11.2	10.3	11.3	15.3	21.1	30.6	34.2	37.2	36.4	24.0
1988-89	33.5	24.8	14.7	11.0	10.2	14.0	19.9	30.7	32.1	34.3	38.3	36.9	25.0
1989-90	33.8	26.1	(18.1)	10.8	9.0	12.9	19.5	(24.8)	31.5	34.8	37.1	37.1	(24.7)
1990-91	34.1	29.3	21.5	14.9	11.1	13.4	18.4	24.6	25.9	35.8	35.3	35.1	24.6
Mean	33.7	26.0	17.7	11.7	10.8	13.2	17.5	24.6	29.5	34.4	36.8	36.9	24.4
Minimum Temperature													
1984-85	m	m	m	m	(1.8)*	0.1*	0.2*	7.2*	11.8*	(14.2)*	16.2*	20.1*	(9.7)*
1985-86	14.8*	9.9*	5.7*	-0.7*	2.3*	5.5*	6.1	9.2	11.5	16.7	19.4	20.1	10.0*
1986-87	18.6	13.2	3.3	1.1	3.2	5.2	3.8	8.8	13.7	17.9	22.4	22.0	11.1
1987-88	17.9	12.4	5.6	4.9	2.8	4.0	6.0	10.2	14.3	19.1	20.8	20.2	11.5
1988-89	17.5	12.6	5.0	2.6	-1.6	0.1	6.7	12.5	15.0	17.8	21.4	20.9	10.9
1989-90	17.5	13.2	8.0	4.0	(-0.9)	2.7	3.8	(9.9)	15.1	18.1	21.0	20.0	(11.1)
1990-91	17.7	14.7	8.5	3.5	2.5	3.3	8.2	11.4	11.5	18.4	20.2	19.3	11.6
Mean	17.3	12.6	6.0	2.5	1.8	2.9	4.9	9.8	13.2	18.0	20.2	20.3	11.0

* NOTE: Up to 4/2/1986 air temperature was measured at 50 cm above the ground.

**FROST EVENTS AT GHRERIFE
FROM 1984-85 TO 1990-91 SEASON**

	Nov	Dec	Jan	Feb	Mar	Apr	Total
1984-1985 Season *							
Number of frost days	m	m	(2)	12	14	.	(28)
Absolute Minimum			(-6.0)	-8.0	-9.3		(-9.3)
1985-1986 Season *							
Number of frost days	.	14	5	.	.	.	19
Absolute Minimum		-9.0	-3.2				-9.0
1986-1987 Season							
Number of frost days	9	16	5	.	4	.	34
Absolute Minimum	-3.0	-5.0	-1.3		-2.1		-5.0
1987-1988 Season							
Number of frost days	.	3	5	1	1	.	10
Absolute Minimum		-9.5	-2.2	0.0	-1.4		-9.5
1988-1989 Season							
Number of frost days	4	7	21	15	1	.	48
Absolute Minimum	-4.0	-3.0	-8.6	-8.0	-2.5		-8.6
1989-1990 Season							
Number of frost days	2	7	21	11	4	1	46
Absolute Minimum	-0.5	-5.5	-7.1	-5.3	-5.0	-1.0	-7.1
1990-1991 Season							
Number of frost days	.	9	9	9	1	(.)	(28)
Absolute Minimum		-4.1	-2.2	-3.4	-1.9		-4.1

NOTE: * =Up to 4/2/1986 air temperature was measured at 50 cm above the ground.

GHRERIFE 1990/91
Air Temperature

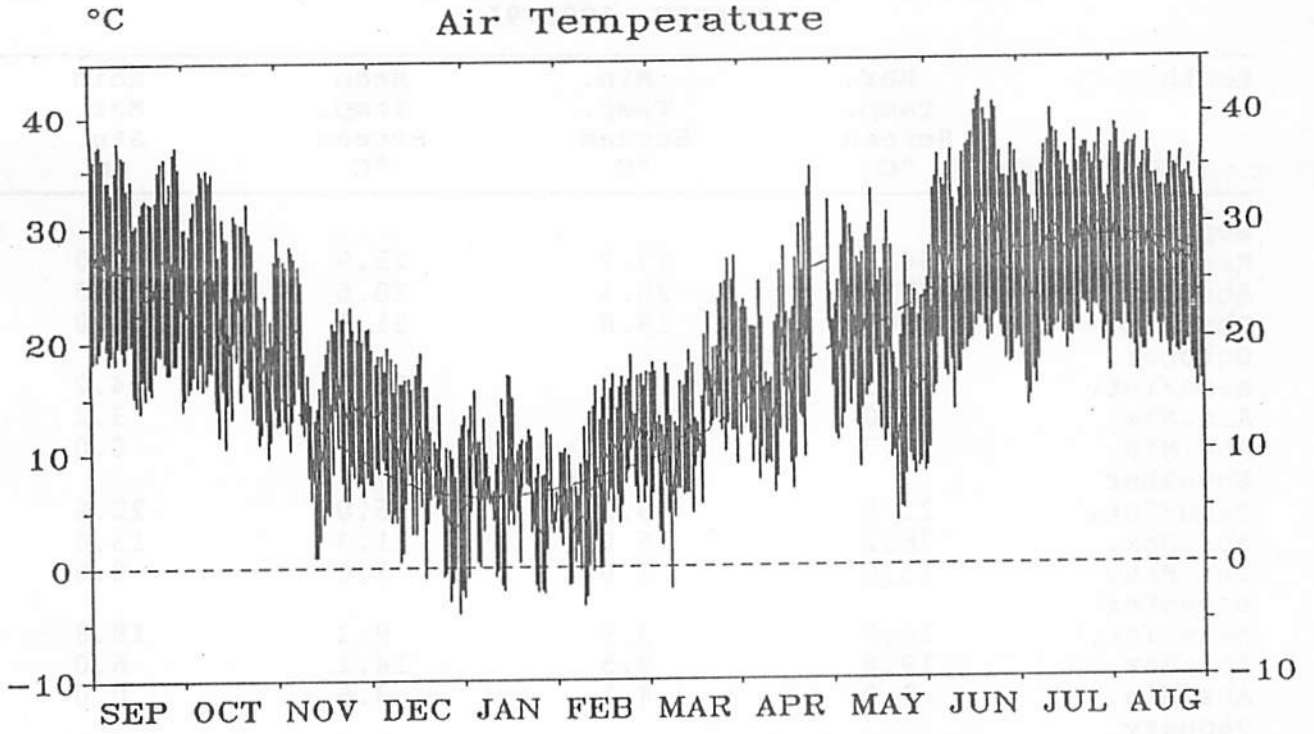


Figure 11: Daily maximum and minimum air temperature (vertical bars) and daily mean air temperature during 1990/91 (thin solid line) compared to the long term average (broken line).

GHRERIFE 1990/91
Cumulative Rainfall

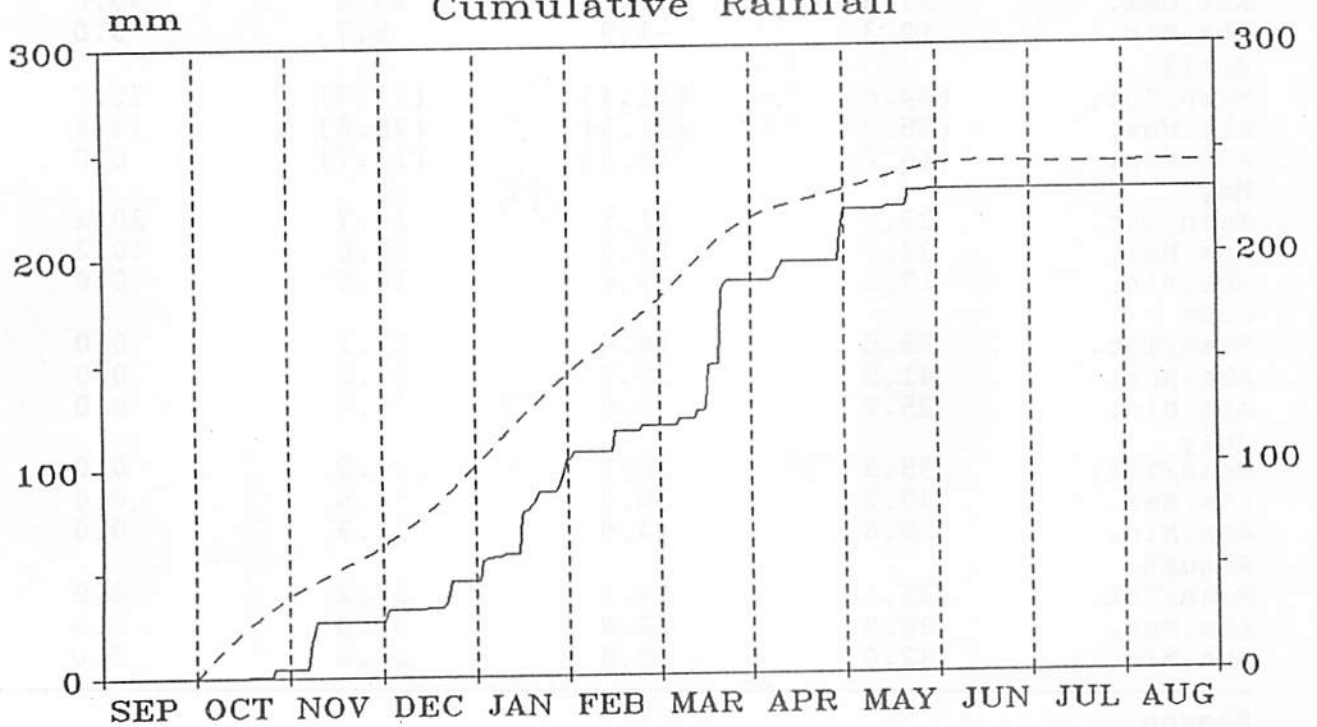


Figure 12: Cumulative daily rainfall 1990/91 compared to the long term average (broken line).

**GHRERIFE - MONTHLY SUMMARY OF CLIMATIC DATA I
SEASON 1990/91**

Month	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Rain Met. Stn. mm
September				
Mean/Tot.	34.1	17.7	25.9	0.0
Abs.Max.	37.6	20.4	28.6	0.0
Abs.Min.	29.9	13.8	21.9	0.0
October				
Mean/Tot.	29.3	14.7	22.0	4.2
Abs.Max.	35.0	20.0	26.6	3.2
Abs.Min.	19.7	9.7	14.7	0.0
November				
Mean/Tot.	21.5	8.5	15.0	22.8
Abs.Max.	28.2	16.0	21.3	13.0
Abs.Min.	13.0	1.0	7.0	0.0
December				
Mean/Tot.	14.9	3.5	9.2	18.8
Abs.Max.	19.4	9.5	14.1	6.0
Abs.Min.	8.0	-4.1	3.6	0.0
January				
Mean/Tot.	11.1	2.5	6.8	57.8
Abs.Max.	17.0	7.4	11.3	19.0
Abs.Min.	4.7	-2.2	3.0	0.0
February				
Mean/Tot.	13.4	3.3	8.4	16.4
Abs.Max.	18.7	10.3	14.5	10.0
Abs.Min.	6.2	-3.4	2.8	0.0
March				
Mean/Tot.	18.4	8.2	13.3	68.4
Abs.Max.	27.2	15.0	19.8	35.0
Abs.Min.	12.3	-1.9	5.7	0.0
April				
Mean/Tot.	(24.6)	(11.4)	(17.8)	23.2
Abs.Max.	(35.0)	(21.5)	(26.8)	14.4
Abs.Min.	(16.2)	(6.5)	(12.7)	0.0
May				
Mean/Tot.	25.9	11.5	18.7	20.2
Abs.Max.	32.9	19.0	25.0	10.2
Abs.Min.	17.2	3.9	10.6	0.0
June				
Mean/Tot.	35.8	18.4	27.1	0.0
Abs.Max.	41.9	22.2	31.9	0.0
Abs.Min.	25.2	8.6	16.9	0.0
July				
Mean/Tot.	35.3	20.2	27.8	0.0
Abs.Max.	40.2	30.9	34.6	0.0
Abs.Min.	29.8	14.0	22.9	0.0
August				
Mean/Tot.	35.1	19.3	27.2	0.0
Abs.Max.	38.8	22.8	30.0	0.0
Abs.Min.	32.0	15.6	23.8	0.0
Season				
Mean/Tot.	(25.0)	(11.6)	(18.3)	231.8
Abs.Max.	(41.9)	(30.9)	(34.6)	35.0
Abs.Min.	(4.7)	(-4.1)	(2.8)	0.0

**GHRERIFE - MONTHLY SUMMARY OF CLIMATIC DATA II
SEASON 1990/91**

Month	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
September					
Mean	64.5	26.5	45.5	245.0	13.5
Abs.Max.	72.0	34.2	52.5	386.0	16.9
Abs.Min.	42.2	15.4	29.1	120.3	9.2
October					
Mean	63.6	34.9	49.3	226.4	10.4
Abs.Max.	94.0	62.0	76.5	503.0	14.5
Abs.Min.	37.6	20.8	31.4	111.8	4.8
November					
Mean	85.7	50.7	68.2	198.2	4.4
Abs.Max.	93.6	67.8	80.3	356.9	8.8
Abs.Min.	65.0	41.3	53.5	101.1	1.1
December					
Mean	90.1	57.8	74.0	190.5	2.1
Abs.Max.	97.0	80.2	87.1	404.3	4.6
Abs.Min.	79.2	44.9	65.4	89.4	0.2
January					
Mean	93.1	67.5	80.3	179.6	1.0
Abs.Max.	97.0	89.1	92.5	464.2	2.8
Abs.Min.	84.0	43.0	64.0	66.5	0.1
February					
Mean	90.3	56.2	72.6	259.5	2.2
Abs.Max.	99.0	77.8	87.6	715.9	6.4
Abs.Min.	72.0	34.4	37.9	111.2	0.8
March					
Mean	92.2	58.0	75.1	254.6	(2.3)
Abs.Max.	99.8	82.0	90.0	656.7	(3.7)
Abs.Min.	65.0	27.0	46.0	93.7	(0.4)
April					
Mean	(92.6)	(49.6)	(71.3)	259.8	4.2
Abs.Max.	(100.0)	(71.0)	(84.9)	426.3	7.1
Abs.Min.	(71.2)	(35.1)	(59.0)	129.6	1.8
May					
Mean	93.8	46.7	70.3	275.0	(7.8)
Abs.Max.	100.0	82.0	91.0	579.3	(13.2)
Abs.Min.	63.0	30.0	53.0	133.7	(1.5)
June					
Mean	92.0	40.3	66.2	322.6	18.7
Abs.Max.	100.0	58.0	78.0	477.7	23.1
Abs.Min.	67.5	26.2	46.9	240.0	12.7
July					
Mean	92.1	43.0	67.6	443.4	16.2
Abs.Max.	100.0	57.5	77.8	620.1	20.2
Abs.Min.	61.0	26.0	43.9	225.7	13.6
August					
Mean	(91.3)	(42.4)	(67.2)	377.1	15.8
Abs.Max.	(100.0)	(59.0)	(79.5)	660.3	16.8
Abs.Min.	(77.0)	(28.8)	(54.7)	149.7	14.1
Season					
Mean	(86.6)	(47.9)	(67.2)	269.5	(8.3)
Abs.Max.	(100.0)	(89.1)	(92.5)	715.9	(23.1)
Abs.Min.	(37.6)	(15.4)	(29.1)	66.5	(0.1)

**GHRERIFE - MONTHLY SUMMARY OF SOIL TEMPERATURE
SEASON 1990/91**

Month	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
September									
Mean	37.6	23.5	30.5	31.5	25.4	28.5	29.6	26.7	28.2
Abs.Max.	40.3	25.3	32.4	33.3	26.9	29.9	31.1	28.0	29.6
Abs.Min.	34.0	20.6	27.3	29.5	23.2	26.4	27.9	25.0	26.6
October									
Mean	30.9	19.4	25.2	25.9	21.1	23.5	25.1	22.7	23.9
Abs.Max.	36.0	22.2	29.1	29.8	24.9	27.4	28.0	25.2	26.6
Abs.Min.	24.2	15.0	19.6	21.4	17.1	19.3	21.4	19.4	20.4
November									
Mean	20.4	12.1	16.3	17.0	13.1	15.0	17.8	15.9	16.9
Abs.Max.	28.6	19.6	23.5	23.3	19.1	21.2	23.0	21.0	21.9
Abs.Min.	14.7	6.0	10.4	12.0	8.0	10.0	14.2	12.4	13.3
December									
Mean	14.0	7.3	10.7	10.5	7.7	9.1	12.2	10.9	11.6
Abs.Max.	18.5	12.0	14.8	14.3	11.7	13.0	15.5	14.1	14.8
Abs.Min.	7.0	2.1	5.2	5.0	2.8	4.2	7.8	6.6	7.4
January									
Mean	(10.0)	5.0	(7.6)	(6.8)	4.2	(5.6)	8.6	7.2	8.0
Abs.Max.	(12.5)	8.2	(9.7)	(9.0)	7.0	(7.6)	10.1	9.0	9.4
Abs.Min.	(6.0)	2.0	(5.0)	(4.0)	1.8	(3.1)	6.1	4.6	5.4
February									
Mean	11.3	6.1	8.7	7.8	5.2	6.5	9.0	7.5	8.3
Abs.Max.	16.0	10.0	13.0	12.0	8.8	10.4	12.2	10.2	11.2
Abs.Min.	6.9	3.0	5.0	3.9	2.1	3.1	5.9	4.1	5.5
March									
Mean	16.9	10.7	13.8	13.1	9.9	11.5	13.4	11.6	12.6
Abs.Max.	25.0	16.7	20.4	20.3	15.6	17.8	19.3	16.7	17.9
Abs.Min.	11.2	5.0	8.7	8.1	4.8	6.5	9.5	7.9	8.7
April									
Mean	23.3	15.2	19.2	20.5	14.9	17.8	20.0	18.1	19.1
Abs.Max.	28.6	21.2	24.6	26.2	21.1	23.7	24.9	23.8	24.4
Abs.Min.	15.4	10.5	13.8	13.0	10.3	12.4	14.5	12.6	13.8
May									
Mean	27.9	18.3	23.1	26.2	18.4	22.3	25.5	23.3	24.4
Abs.Max.	32.0	22.5	26.5	30.0	22.8	25.7	27.7	25.5	26.6
Abs.Min.	22.9	13.2	18.6	21.7	13.8	18.0	22.5	20.0	21.3
June									
Mean	35.2	24.2	29.7	(32.5)	24.4	(28.3)	30.1	28.1	29.1
Abs.Max.	40.6	28.1	34.2	(36.5)	28.2	(31.8)	33.0	31.1	32.1
Abs.Min.	28.7	17.6	23.3	(26.8)	17.8	(22.4)	25.3	23.0	24.2
July									
Mean	38.3	27.1	32.7	34.3	(26.5)	(30.4)	31.5	29.7	30.6
Abs.Max.	42.0	29.0	34.6	37.0	(28.1)	(32.0)	32.1	30.8	31.4
Abs.Min.	35.0	25.0	30.0	31.6	(24.4)	(28.0)	30.5	29.0	29.8
August									
Mean	38.7	27.8	33.3	(34.4)	(27.0)	(30.8)	31.8	30.1	31.0
Abs.Max.	43.3	30.0	35.9	(37.9)	(28.0)	(32.9)	33.0	31.1	32.1
Abs.Min.	34.3	25.5	30.4	(30.0)	(25.3)	(28.5)	30.2	29.0	29.6
Season									
Mean	(25.6)	16.5	(21.1)	(21.1)	(16.0)	(18.5)	21.3	19.4	20.4
Abs.Max.	(43.3)	30.0	(35.9)	(37.9)	(28.2)	(32.9)	33.0	31.1	32.1
Abs.Min.	(6.0)	2.0	(5.0)	(3.9)	(1.8)	(3.1)	5.9	4.1	5.4

**GHRERIFE - WEEKLY SUMMARY OF CLIMATIC DATA I
SEASON 1990/91**

Week Starting §=8 days	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Rain Met. Stn. mm
27-Aug	36.9	19.3	28.1	0.0
3-Sep	35.3	19.1	27.2	0.0
10-Sep	33.0	17.2	25.1	0.0
17-Sep	33.1	16.9	25.0	0.0
24-Sep	34.4	17.6	26.0	0.0
1-Oct	32.1	16.2	24.2	0.0
8-Oct	31.9	14.7	23.3	0.0
15-Oct	29.5	16.4	22.9	1.0
22-Oct	24.9	12.5	18.7	3.2
29-Oct	26.7	12.3	19.5	0.0
5-Nov	22.4	11.7	17.1	22.8
12-Nov	17.3	3.8	10.6	0.0
19-Nov	21.8	8.7	15.2	0.0
26-Nov	20.2	7.5	13.9	0.0
3-Dec	18.0	6.3	12.2	5.8
10-Dec	16.6	4.4	10.5	0.4
17-Dec	14.1	4.5	9.3	6.6
24-Dec§	10.5	-1.8	4.3	6.0
1-Jan	12.5	3.0	7.7	11.0
8-Jan	11.6	1.3	6.4	1.2
15-Jan	12.5	5.1	8.8	28.6
22-Jan	9.7	0.1	4.9	3.0
29-Jan	8.4	2.0	5.2	17.8
5-Feb	10.3	-0.6	4.8	0.0
12-Feb	15.2	3.4	9.3	10.0
19-Feb	15.9	7.0	11.4	2.6
26-Feb	17.1	6.7	11.9	0.0
5-Mar	14.1	3.8	8.9	3.0
12-Mar	16.0	7.1	11.6	25.6
19-Mar	19.6	11.7	15.7	39.8
26-Mar	25.0	11.3	18.2	0.0
2-Apr	22.4	11.0	16.7	0.4
9-Apr	21.0	9.9	15.5	8.4
16-Apr	25.7	10.4	18.1	0.0
23-Apr	(33.9)	(16.1)	(25.1)	0.0
30-Apr	27.4	14.9	21.2	24.6
7-May	28.3	13.7	21.0	0.0
14-May	28.4	13.2	20.8	1.4
21-May	21.7	7.2	14.5	7.6
28-May	25.7	9.7	17.7	1.0
4-Jun	34.4	17.3	25.9	0.0
11-Jun	36.1	19.0	27.5	0.0
18-Jun	40.4	21.3	30.9	0.0
25-Jun	35.1	19.3	27.2	0.0
2-Jul	32.6	16.4	24.5	0.0
9-Jul	37.4	22.2	29.8	0.0
16-Jul	35.8	20.7	28.3	0.0
23-Jul	36.5	21.9	29.2	0.0
30-Jul	35.4	20.5	28.0	0.0
6-Aug	36.3	19.2	27.7	0.0
13-Aug	34.5	20.5	27.5	0.0
20-Aug	34.9	18.9	26.9	0.0
27-Aug	32.4	16.5	24.5	0.0

GHRERIFE - WEEKLY SUMMARY OF CLIMATIC DATA II
SEASON 1990/91

Week Starting §=8 days	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
27-Aug	60.7	24.5	42.6	290.8	15.0
3-Sep	61.9	26.5	44.2	241.0	15.4
10-Sep	64.7	28.4	46.6	282.6	13.7
17-Sep	67.3	25.9	46.6	217.6	13.6
24-Sep	65.8	27.3	46.6	239.5	10.7
1-Oct	59.7	26.9	43.3	164.3	11.8
8-Oct	54.3	27.4	40.8	243.8	12.4
15-Oct	47.3	29.9	38.6	284.0	12.7
22-Oct	84.8	51.1	67.9	221.6	6.2
29-Oct	84.2	46.6	65.4	186.1	7.2
5-Nov	83.4	53.2	68.3	245.0	4.9
12-Nov	89.3	47.9	68.6	187.1	3.0
19-Nov	80.7	48.7	64.7	182.8	3.9
26-Nov	89.4	57.7	73.6	197.3	4.0
3-Dec	93.2	60.8	77.0	204.3	1.8
10-Dec	87.6	53.4	70.5	223.4	2.2
17-Dec	90.3	61.2	75.8	173.6	2.0
24-Dec§	90.9	55.1	73.0	159.4	1.7
1-Jan	92.2	70.9	81.6	124.2	0.9
8-Jan	93.9	66.3	80.1	131.1	1.7
15-Jan	95.7	76.3	86.0	214.5	0.4
22-Jan	89.8	50.5	70.1	213.2	0.8
29-Jan	93.1	71.3	82.2	301.3	1.1
5-Feb	88.8	54.0	71.4	198.1	2.1
12-Feb	91.6	53.8	72.7	220.1	3.0
19-Feb	87.5	55.9	68.8	325.3	2.5
26-Feb	95.1	55.8	75.5	207.8	2.6
5-Mar	84.2	52.0	68.1	357.5	2.5
12-Mar	93.3	62.2	77.8	247.2	2.5
19-Mar	95.5	68.5	82.0	282.0	(1.4)
26-Mar	91.8	50.0	70.9	166.1	2.3
2-Apr	95.4	54.1	74.8	303.4	2.9
9-Apr	95.8	53.9	74.8	267.9	4.8
16-Apr	90.9	47.0	69.0	251.0	4.4
23-Apr	(85.0)	(37.2)	(60.5)	214.1	5.2
30-Apr	94.3	46.0	70.2	229.8	3.6
7-May	80.8	44.7	62.8	278.9	6.8
14-May	98.5	52.6	75.5	300.3	8.7
21-May	99.1	43.2	71.2	312.5	9.2
28-May	98.7	40.5	69.6	264.0	(13.1)
4-Jun	90.6	37.9	64.2	347.2	15.3
11-Jun	90.8	39.8	65.3	279.8	18.5
18-Jun	86.6	36.3	61.5	314.4	21.0
25-Jun	98.3	52.4	75.4	395.0	21.8
2-Jul	99.4	43.2	71.3	454.4	17.4
9-Jul	77.7	32.4	55.1	374.8	17.6
16-Jul	95.6	46.0	70.8	420.5	15.4
23-Jul	94.8	45.7	70.3	469.1	14.9
30-Jul	(89.5)	(46.0)	(67.8)	530.5	14.5
6-Aug	m	(28.8)	m	352.8	15.6
13-Aug	91.6	45.3	68.4	441.3	15.7
20-Aug	92.2	39.1	65.7	291.7	16.4
27-Aug	94.6	46.6	70.6	297.2	16.3

**GHRERIFE - WEEKLY SUMMARY OF SOIL TEMPERATURE
SEASON 1990/91**

Week Starting §=8 days	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
27-Aug	39.7	25.0	32.4	33.3	27.0	30.2	31.3	28.2	29.8
3-Sep	39.4	24.6	32.0	32.7	26.4	29.6	30.8	27.9	29.4
10-Sep	37.2	23.5	30.4	31.5	25.6	28.6	29.5	26.8	28.2
17-Sep	36.2	22.3	29.3	30.3	24.3	27.3	28.4	25.5	27.0
24-Sep	37.0	23.2	30.1	31.1	25.1	28.1	29.2	26.3	27.8
1-Oct	35.1	21.8	28.5	29.1	23.7	26.4	27.6	25.0	26.3
8-Oct	32.7	19.5	26.2	27.4	21.7	24.5	26.4	23.5	25.0
15-Oct	29.7	19.4	24.6	24.9	20.5	22.7	24.5	22.3	23.4
22-Oct	27.8	18.1	23.0	23.8	19.6	21.7	23.3	21.2	22.3
29-Oct	27.5	17.5	22.5	22.7	18.6	20.7	22.4	20.4	21.4
5-Nov	22.8	15.2	19.0	19.9	16.2	18.1	20.6	18.7	19.7
12-Nov	16.6	7.4	12.0	13.4	9.0	11.2	15.0	12.9	14.0
19-Nov	19.1	11.3	15.2	16.0	11.9	14.0	16.6	14.7	15.7
26-Nov	17.9	11.1	14.5	14.3	11.4	12.9	15.6	14.1	14.9
3-Dec	16.9	10.2	13.5	13.3	10.3	11.8	14.6	13.3	13.9
10-Dec	15.0	7.5	11.3	11.2	8.3	9.8	12.9	11.4	12.2
17-Dec	14.5	8.7	11.6	10.9	8.4	9.7	12.4	11.2	11.9
24-Dec§	9.3	2.6	6.0	6.3	3.4	4.8	8.7	7.2	8.0
1-Jan	10.7	4.8	7.8	7.3	4.4	5.9	9.3	7.8	8.6
8-Jan	(10.5)	5.1	(8.1)	(7.2)	4.4	(5.9)	9.1	7.7	8.4
15-Jan	11.1	6.7	8.9	8.2	5.8	7.0	9.7	8.4	9.0
22-Jan	(9.3)	3.5	(6.4)	5.8	2.9	4.4	7.3	5.6	6.5
29-Jan	7.7	4.4	6.1	4.8	3.1	4.0	6.8	5.8	6.3
5-Feb	9.3	3.4	6.4	5.4	2.6	4.0	6.9	5.1	6.0
12-Feb	11.7	6.2	8.9	7.8	5.1	6.5	9.1	7.6	8.3
19-Feb	13.5	8.7	11.2	10.4	7.9	9.2	11.2	9.7	10.5
26-Feb	15.0	9.0	12.0	11.3	8.3	9.8	12.0	10.5	11.2
5-Mar	13.2	7.1	10.2	9.7	6.6	8.2	10.8	9.1	9.9
12-Mar	14.5	9.5	12.0	11.0	8.4	9.7	11.6	10.1	10.9
19-Mar	17.9	12.8	15.3	14.2	11.3	12.8	14.3	12.6	13.5
26-Mar	23.5	15.1	19.3	19.0	14.6	16.8	18.3	15.9	17.1
2-Apr	21.3	15.0	18.2	17.7	14.6	16.2	17.5	15.8	16.7
9-Apr	19.6	13.1	16.4	16.2	12.4	14.3	16.5	14.6	15.6
16-Apr	24.1	14.6	19.4	22.3	14.5	18.4	21.7	19.7	20.7
23-Apr	27.5	17.0	22.3	25.4	17.2	21.4	23.9	21.9	22.9
30-Apr	27.1	16.7	21.9	25.4	16.9	21.2	24.2	21.8	23.0
7-May	29.9	20.1	25.0	27.8	20.1	23.9	26.0	24.1	25.1
14-May	28.5	19.2	23.9	26.9	19.5	23.2	26.2	24.1	25.1
21-May	27.5	18.3	22.9	25.9	18.4	22.2	26.0	23.7	24.9
28-May	27.4	17.5	22.5	25.7	17.6	21.7	25.3	23.0	24.2
4-Jun	32.5	22.2	27.3	30.4	22.3	26.3	28.2	26.2	27.2
11-Jun	35.3	24.2	29.8	32.9	24.3	28.6	30.1	28.0	29.1
18-Jun	38.4	26.9	32.7	(35.6)	27.0	(31.3)	32.2	30.1	31.2
25-Jun	37.3	26.7	32.0	(34.4)	(26.8)	(30.8)	32.0	30.3	31.2
2-Jul	36.4	25.9	31.2	32.8	25.3	29.1	31.0	29.4	30.2
9-Jul	38.6	26.8	32.7	34.8	26.3	30.5	31.6	29.7	30.6
16-Jul	39.5	27.5	33.5	34.9	26.8	30.9	31.4	29.6	30.5
23-Jul	39.4	28.3	33.8	35.2	27.7	31.4	31.9	30.2	31.1
30-Jul	38.6	26.9	32.7	34.0	26.3	30.2	31.2	29.7	30.4
6-Aug	40.9	28.1	34.5	(36.1)	(27.4)	(31.8)	32.1	30.3	31.2
13-Aug	38.8	29.4	34.1	m	m	m	32.4	30.8	31.6
20-Aug	38.0	27.7	32.9	m	m	m	31.9	30.2	31.1
27-Aug	35.2	26.5	30.8	(30.5)	(27.3)	(28.7)	30.8	29.2	30.0

**GHRERIFE - DAILY CLIMATIC DATA I
SEPTEMBER 1990**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Rain Met. Stn. mm
1	244	35.9	18.3	27.1	0.0
2	245	37.1	18.5	27.8	0.0
3	246	37.3	19.2	28.3	0.0
4	247	36.0	20.4	28.2	0.0
5	248	34.0	19.4	26.7	0.0
6	249	34.0	18.2	26.1	0.0
7	250	33.0	18.8	25.9	0.0
8	251	34.9	18.2	26.5	0.0
9	252	37.6	19.6	28.6	0.0
10	253	36.3	19.3	27.8	0.0
11	254	36.0	18.3	27.1	0.0
12	255	33.3	19.6	26.5	0.0
13	256	34.1	19.8	27.0	0.0
14	257	30.0	15.2	22.6	0.0
15	258	30.2	14.4	22.3	0.0
16	259	31.2	13.8	22.5	0.0
17	260	32.1	16.7	24.4	0.0
18	261	32.4	15.0	23.7	0.0
19	262	32.1	16.0	24.0	0.0
20	263	32.0	15.4	23.7	0.0
21	264	32.3	17.5	24.9	0.0
22	265	34.9	19.0	27.0	0.0
23	266	35.7	18.8	27.3	0.0
24	267	36.0	18.3	27.1	0.0
25	268	32.3	17.2	24.8	0.0
26	269	33.9	17.3	25.6	0.0
27	270	36.5	18.1	27.3	0.0
28	271	37.2	18.0	27.6	0.0
29	272	35.1	20.2	27.6	0.0
30	273	29.9	13.9	21.9	0.0
Mean or Total		34.1	17.7	25.9	0.0
Abs.Max.		37.6	20.4	28.6	0.0
Abs.Min.		29.9	13.8	21.9	0.0

**GHRERIFE - DAILY CLIMATIC DATA I
OCTOBER 1990**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Rain Met. Stn. mm
1	274	29.8	14.9	22.4	0.0
2	275	29.3	15.5	22.4	0.0
3	276	31.0	16.0	23.5	0.0
4	277	32.3	17.0	24.6	0.0
5	278	33.0	16.1	24.5	0.0
6	279	34.9	18.3	26.6	0.0
7	280	34.6	15.8	25.2	0.0
8	281	35.0	16.3	25.6	0.0
9	282	34.0	17.5	25.8	0.0
10	283	34.7	17.4	26.0	0.0
11	284	32.2	14.0	23.1	0.0
12	285	27.5	11.6	19.5	0.0
13	286	30.7	15.7	23.2	0.0
14	287	29.0	10.6	19.8	0.0
15	288	28.9	14.5	21.7	0.0
16	289	24.0	13.2	18.6	0.0
17	290	31.0	20.0	25.5	0.0
18	291	30.4	18.4	24.4	0.0
19	292	30.2	14.8	22.5	1.0
20	293	30.2	16.6	23.4	0.0
21	294	32.0	17.0	24.5	0.0
22	295	29.4	15.8	22.6	0.0
23	296	28.6	13.2	20.9	0.0
24	297	26.2	12.8	19.5	0.0
25	298	23.2	10.9	17.0	0.0
26	299	23.0	11.8	17.4	0.0
27	300	24.0	13.0	18.5	3.2
28	301	19.7	9.7	14.7	0.0
29	302	21.8	11.2	16.5	0.0
30	303	27.0	14.0	20.5	0.0
31	304	29.2	12.5	20.9	0.0
Mean or Total		29.3	14.7	22.0	4.2
Abs.Max.		35.0	20.0	26.6	3.2
Abs.Min.		19.7	9.7	14.7	0.0

**GHRERIFE - DAILY CLIMATIC DATA I
NOVEMBER 1990**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Rain Met. Stn. mm
1	305	27.5	12.7	20.1	0.0
2	306	27.0	13.0	20.0	0.0
3	307	26.5	12.0	19.3	0.0
4	308	28.2	10.4	19.3	0.0
5	309	27.8	13.0	20.4	0.0
6	310	27.2	14.6	20.9	0.0
7	311	26.5	16.0	21.3	0.6
8	312	25.2	12.8	19.0	13.0
9	313	19.0	11.7	15.4	3.6
10	314	17.0	8.0	12.5	5.6
11	315	14.4	6.0	10.2	0.0
12	316	13.0	1.0	7.0	0.0
13	317	14.0	1.0	7.5	0.0
14	318	15.9	2.4	9.1	0.0
15	319	17.5	4.0	10.8	0.0
16	320	19.0	5.0	12.0	0.0
17	321	20.2	4.8	12.5	0.0
18	322	21.6	8.3	14.9	0.0
19	323	21.0	13.9	17.5	0.0
20	324	23.0	10.6	16.8	0.0
21	325	22.0	7.5	14.8	0.0
22	326	22.1	6.0	14.1	0.0
23	327	20.3	6.0	13.1	0.0
24	328	23.0	9.0	16.0	0.0
25	329	21.0	8.0	14.5	0.0
26	330	20.2	7.3	13.8	0.0
27	331	22.0	7.5	14.8	0.0
28	332	20.0	6.4	13.2	0.0
29	333	21.0	8.0	14.5	0.0
30	334	21.1	7.4	14.3	0.0
Mean or Total		21.5	8.5	15.0	22.8
Abs.Max.		28.2	16.0	21.3	13.0
Abs.Min.		13.0	1.0	7.0	0.0

**GHRERIFE - DAILY CLIMATIC DATA I
DECEMBER 1990**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Rain Met. Stn. mm
1	335	19.3	7.4	13.4	0.0
2	336	18.1	8.8	13.4	0.0
3	337	18.7	8.3	13.5	5.0
4	338	18.7	9.5	14.1	0.4
5	339	17.4	8.7	13.1	0.4
6	340	19.4	4.9	12.1	0.0
7	341	18.5	4.1	11.3	0.0
8	342	15.5	4.8	10.1	0.0
9	343	18.1	4.1	11.1	0.0
10	344	16.2	0.6	8.4	0.0
11	345	16.2	1.3	8.8	0.0
12	346	16.6	5.7	11.1	0.0
13	347	16.7	8.2	12.4	0.0
14	348	15.8	3.0	9.4	0.0
15	349	17.0	3.0	10.0	0.0
16	350	18.0	8.8	13.4	0.4
17	351	19.0	5.4	12.2	0.0
18	352	16.0	-0.9	7.6	0.0
19	353	16.0	4.0	10.0	0.0
20	354	12.0	6.0	9.0	0.0
21	355	11.0	6.3	8.6	0.0
22	356	10.5	5.3	7.9	2.0
23	357	14.4	5.5	9.9	4.6
24	358	8.0	-0.8	3.6	6.0
25	359	10.5	-0.5	5.0	0.0
26	360	10.2	-2.9	3.7	0.0
27	361	9.6	-1.3	4.2	0.0
28	362	8.0	-0.2	3.9	0.0
29	363	11.4	-4.1	3.7	0.0
30	364	12.5	-2.0	5.3	0.0
31	365	13.4	-2.6	5.4	0.0
Mean or Total		14.9	3.5	9.2	18.8
Abs.Max.		19.4	9.5	14.1	6.0
Abs.Min.		8.0	-4.1	3.6	0.0

**GHRERIFE - DAILY CLIMATIC DATA I
JANUARY 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Rain Met. Stn. mm
1	1	12.2	-0.9	5.7	0.0
2	2	14.3	5.0	9.6	0.0
3	3	15.6	7.0	11.3	9.2
4	4	11.0	0.5	5.8	0.6
5	5	11.0	0.2	5.6	0.6
6	6	13.1	3.3	8.2	0.4
7	7	10.0	6.0	8.0	0.2
8	8	8.0	5.7	6.8	0.0
9	9	6.7	4.2	5.4	0.4
10	10	9.0	-0.8	4.1	0.6
11	11	12.0	-0.3	5.8	0.2
12	12	14.8	-1.5	6.7	0.0
13	13	13.4	-2.0	5.7	0.0
14	14	17.0	3.8	10.4	0.0
15	15	16.9	5.0	10.9	0.0
16	16	15.0	3.8	9.4	19.0
17	17	10.2	5.0	7.6	2.0
18	18	10.8	0.5	5.7	0.4
19	19	11.2	7.0	9.1	2.0
20	20	11.0	7.4	9.2	1.0
21	21	12.1	7.2	9.6	4.2
22	22	11.5	3.1	7.3	1.4
23	23	7.8	-1.5	3.2	0.2
24	24	9.0	-2.1	3.5	0.0
25	25	7.9	-2.0	3.0	0.0
26	26	8.1	-2.2	3.0	0.0
27	27	12.2	1.6	6.9	0.0
28	28	11.6	3.8	7.7	1.4
29	29	4.7	3.2	4.0	5.0
30	30	6.6	4.0	5.3	4.0
31	31	10.0	3.0	6.5	5.0
Mean or Total		11.1	2.5	6.8	57.8
Abs.Max.		17.0	7.4	11.3	19.0
Abs.Min.		4.7	-2.2	3.0	0.0

**GHRERIFE - DAILY CLIMATIC DATA I
FEBRUARY 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Rain Met. Stn. mm
1	32	10.0	2.0	6.0	0.2
2	33	10.4	4.4	7.4	3.0
3	34	9.8	-1.5	4.2	0.6
4	35	7.0	-1.4	2.8	0.0
5	36	7.1	0.5	3.8	0.0
6	37	6.2	2.0	4.1	0.0
7	38	9.0	-0.2	4.4	0.0
8	39	12.3	-3.4	4.4	0.0
9	40	9.3	-2.6	3.3	0.0
10	41	13.7	0.0	6.8	0.0
11	42	14.2	-0.3	6.9	0.0
12	43	16.0	2.3	9.1	0.0
13	44	13.0	-0.1	6.4	0.0
14	45	15.0	0.3	7.7	0.0
15	46	16.5	3.8	10.1	0.0
16	47	13.0	5.8	9.4	10.0
17	48	15.8	6.8	11.3	0.0
18	49	17.0	4.9	10.9	0.0
19	50	14.0	6.4	10.2	0.0
20	51	15.9	4.0	9.9	0.0
21	52	16.8	5.4	11.1	0.0
22	53	16.0	7.4	11.7	0.0
23	54	16.5	8.4	12.4	0.0
24	55	18.7	10.3	14.5	0.4
25	56	13.5	7.0	10.3	2.2
26	57	16.9	5.7	11.3	0.0
27	58	17.0	7.8	12.4	0.0
28	59	16.0	5.7	10.9	0.0
Mean or Total		13.4	3.3	8.4	16.4
Abs.Max.		18.7	10.3	14.5	10.0
Abs.Min.		6.2	-3.4	2.8	0.0

**GHRERIFE - DAILY CLIMATIC DATA I
MARCH 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Rain Met. Stn. mm
1	60	17.3	7.1	12.2	0.0
2	61	17.1	4.2	10.6	0.0
3	62	18.1	6.5	12.3	0.0
4	63	17.2	10.1	13.6	0.0
5	64	13.2	3.2	8.2	0.0
6	65	12.4	2.0	7.2	0.0
7	66	17.9	7.0	12.4	0.0
8	67	17.0	4.8	10.9	3.0
9	68	13.2	-1.9	5.7	0.0
10	69	12.7	4.4	8.6	0.0
11	70	12.3	6.8	9.6	0.0
12	71	16.3	6.8	11.6	0.0
13	72	16.0	6.3	11.1	0.0
14	73	17.2	6.5	11.9	4.0
15	74	19.1	6.5	12.8	0.0
16	75	17.9	4.7	11.3	0.0
17	76	13.0	8.8	10.9	2.6
18	77	12.7	10.0	11.4	19.0
19	78	15.0	5.6	10.3	0.4
20	79	20.5	9.5	15.0	0.0
21	80	22.4	14.0	18.2	0.0
22	81	16.9	12.3	14.6	35.0
23	82	19.3	12.8	16.0	2.4
24	83	19.4	13.0	16.2	2.0
25	84	23.6	15.0	19.3	0.0
26	85	24.8	12.0	18.4	0.0
27	86	25.0	10.1	17.5	0.0
28	87	27.0	12.6	19.8	0.0
29	88	25.2	12.0	18.6	0.0
30	89	27.2	12.0	19.6	0.0
31	90	23.2	9.0	16.1	0.0
Mean or Total		18.4	8.2	13.3	68.4
Abs.Max.		27.2	15.0	19.8	35.0
Abs.Min.		12.3	-1.9	5.7	0.0

**GHRERIFE - DAILY CLIMATIC DATA I
APRIL 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Rain Met. Stn. mm
1	91	22.8	11.5	17.1	0.0
2	92	23.4	14.5	19.0	0.0
3	93	22.7	12.5	17.6	0.2
4	94	21.2	11.6	16.4	0.0
5	95	21.2	9.1	15.1	0.0
6	96	21.0	11.0	16.0	0.0
7	97	25.0	7.6	16.3	0.0
8	98	22.0	10.4	16.2	0.2
9	99	17.0	9.0	13.0	4.0
10	100	16.2	9.2	12.7	2.0
11	101	16.5	9.0	12.8	2.4
12	102	21.5	6.5	14.0	0.0
13	103	22.1	7.8	14.9	0.0
14	104	26.0	12.0	19.0	0.0
15	105	28.0	15.8	21.9	0.0
16	106	22.3	11.6	17.0	0.0
17	107	21.7	9.0	15.4	0.0
18	108	22.7	6.8	14.8	0.0
19	109	27.0	9.4	18.2	0.0
20	110	30.0	13.4	21.7	0.0
21	111	25.9	13.0	19.5	0.0
22	112	30.4	9.6	20.0	0.0
23	113	33.2	14.8	24.0	0.0
24	114	35.0	17.4	26.2	0.0
25	115	m	m	m	0.0
26	116	m	m	m	0.0
27	117	m	m	m	0.0
28	118	m	m	m	0.0
29	119	33.5	m	m	0.0
30	120	32.0	21.5	26.8	14.4
Mean or Total		(24.6)	(11.4)	(17.8)	23.2
Abs. Max.		(35.0)	(21.5)	(26.8)	14.4
Abs. Min.		(16.2)	(6.5)	(12.7)	0.0

**GHRERIFE - DAILY CLIMATIC DATA I
MAY 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Rain Met. Stn. mm
1	121	21.6	15.9	18.8	10.2
2	122	23.0	11.5	17.3	0.0
3	123	25.0	11.0	18.0	0.0
4	124	28.0	12.0	20.0	0.0
5	125	31.5	13.3	22.4	0.0
6	126	31.0	19.0	25.0	0.0
7	127	29.8	14.1	22.0	0.0
8	128	28.7	16.3	22.5	0.0
9	129	27.0	12.3	19.6	0.0
10	130	26.5	8.7	17.6	0.0
11	131	27.4	13.9	20.6	0.0
12	132	28.9	15.0	22.0	0.0
13	133	30.0	15.7	22.9	0.0
14	134	32.9	16.0	24.5	0.0
15	135	27.9	18.5	23.2	1.4
16	136	24.9	14.0	19.5	0.0
17	137	26.0	12.0	19.0	0.0
18	138	28.0	10.8	19.4	0.0
19	139	31.0	11.8	21.4	0.0
20	140	28.0	9.4	18.7	0.0
21	141	18.6	10.0	14.3	0.0
22	142	17.2	3.9	10.6	7.6
23	143	20.2	5.1	12.6	0.0
24	144	22.0	5.0	13.5	0.0
25	145	27.0	8.0	17.5	0.0
26	146	24.5	9.7	17.1	0.0
27	147	22.5	9.0	15.8	0.0
28	148	24.1	8.0	16.0	0.0
29	149	22.0	8.6	15.3	1.0
30	150	23.6	9.0	16.3	0.0
31	151	24.0	8.2	16.1	0.0
Mean or Total		25.9	11.5	18.7	20.2
Abs.Max.		32.9	19.0	25.0	10.2
Abs.Min.		17.2	3.9	10.6	0.0

**GHRERIFE - DAILY CLIMATIC DATA I
JUNE 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Rain Met. Stn. mm
1	152	25.2	8.6	16.9	0.0
2	153	27.9	10.2	19.0	0.0
3	154	33.0	15.1	24.0	0.0
4	155	34.0	15.9	25.0	0.0
5	156	36.0	20.0	28.0	0.0
6	157	33.7	20.0	26.9	0.0
7	158	33.2	17.1	25.1	0.0
8	159	35.2	16.7	26.0	0.0
9	160	36.5	18.0	27.3	0.0
10	161	32.0	13.7	22.9	0.0
11	162	31.2	17.0	24.1	0.0
12	163	33.0	17.0	25.0	0.0
13	164	36.2	18.8	27.5	0.0
14	165	37.0	19.1	28.0	0.0
15	166	37.2	19.8	28.5	0.0
16	167	38.0	20.0	29.0	0.0
17	168	40.1	21.0	30.5	0.0
18	169	41.3	22.0	31.6	0.0
19	170	41.9	21.8	31.9	0.0
20	171	40.2	21.2	30.7	0.0
21	172	39.2	19.8	29.5	0.0
22	173	39.1	20.2	29.6	0.0
23	174	40.9	21.9	31.4	0.0
24	175	40.3	22.2	31.3	0.0
25	176	36.3	21.0	28.6	0.0
26	177	34.0	20.0	27.0	0.0
27	178	34.0	18.2	26.1	0.0
28	179	33.9	17.8	25.9	0.0
29	180	37.0	18.1	27.5	0.0
30	181	36.3	19.8	28.0	0.0
Mean or Total		35.8	18.4	27.1	0.0
Abs.Max.		41.9	22.2	31.9	0.0
Abs.Min.		25.2	8.6	16.9	0.0

**GHRERIFE - DAILY CLIMATIC DATA I
JULY 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Rain Met. Stn. mm
1	182	34.1	20.0	27.0	0.0
2	183	33.0	19.0	26.0	0.0
3	184	34.2	16.0	25.1	0.0
4	185	34.0	14.0	24.0	0.0
5	186	32.2	14.9	23.5	0.0
6	187	31.0	17.1	24.0	0.0
7	188	29.8	16.0	22.9	0.0
8	189	34.2	18.0	26.1	0.0
9	190	34.9	21.3	28.1	0.0
10	191	36.9	20.0	28.5	0.0
11	192	37.3	20.0	28.6	0.0
12	193	40.2	19.8	30.0	0.0
13	194	38.3	30.9	34.6	0.0
14	195	38.0	21.2	29.6	0.0
15	196	36.2	22.2	29.2	0.0
16	197	35.3	20.3	27.8	0.0
17	198	36.8	19.0	27.9	0.0
18	199	34.8	20.2	27.5	0.0
19	200	34.0	20.1	27.0	0.0
20	201	38.2	21.0	29.6	0.0
21	202	35.2	21.0	28.1	0.0
22	203	36.5	23.1	29.8	0.0
23	204	37.1	23.0	30.0	0.0
24	205	37.1	22.0	29.5	0.0
25	206	35.9	20.9	28.4	0.0
26	207	35.0	22.9	29.0	0.0
27	208	36.9	22.7	29.8	0.0
28	209	38.2	21.8	30.0	0.0
29	210	35.1	19.7	27.4	0.0
30	211	32.2	20.8	26.5	0.0
31	212	32.9	17.0	25.0	0.0
Mean or Total		35.3	20.2	27.8	0.0
Abs.Max.		40.2	30.9	34.6	0.0
Abs.Min.		29.8	14.0	22.9	0.0

**GHRERIFE - DAILY CLIMATIC DATA I
AUGUST 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Rain Met. Stn. mm
1	213	37.0	19.9	28.5	0.0
2	214	38.8	21.2	30.0	0.0
3	215	38.1	21.1	29.6	0.0
4	216	35.9	20.9	28.4	0.0
5	217	33.0	22.8	27.9	0.0
6	218	36.8	21.0	28.9	0.0
7	219	37.1	19.6	28.4	0.0
8	220	37.1	19.2	28.1	0.0
9	221	37.5	17.0	27.3	0.0
10	222	34.6	19.8	27.2	0.0
11	223	34.9	18.8	26.9	0.0
12	224	36.1	18.8	27.5	0.0
13	225	37.9	20.7	29.3	0.0
14	226	36.2	19.8	28.0	0.0
15	227	34.1	22.0	28.0	0.0
16	228	34.1	21.0	27.5	0.0
17	229	33.0	19.3	26.1	0.0
18	230	33.1	21.0	27.0	0.0
19	231	33.0	19.4	26.2	0.0
20	232	33.9	18.2	26.0	0.0
21	233	35.9	19.3	27.6	0.0
22	234	35.0	18.8	26.9	0.0
23	235	34.8	18.6	26.7	0.0
24	236	36.2	19.0	27.6	0.0
25	237	34.0	19.0	26.5	0.0
26	238	34.2	19.7	27.0	0.0
27	239	34.9	18.0	26.5	0.0
28	240	33.5	16.9	25.2	0.0
29	241	32.0	15.6	23.8	0.0
30	242	32.0	16.2	24.1	0.0
31	243	32.1	16.0	24.0	0.0
Mean or Total		35.1	19.3	27.2	0.0
Abs. Max.		38.8	22.8	30.0	0.0
Abs. Min.		32.0	15.6	23.8	0.0

**GHRERIFE - DAILY CLIMATIC DATA II
SEPTEMBER 1990**

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	244	61.3	22.8	42.1	244.4	16.7
2	245	54.0	15.4	34.7	240.7	16.2
3	246	42.2	16.0	29.1	242.7	14.2
4	247	65.0	27.2	46.1	273.7	16.0
5	248	68.0	31.0	49.5	283.2	15.2
6	249	61.0	28.8	44.9	251.6	16.9
7	250	66.2	32.3	49.3	222.9	14.3
8	251	63.0	30.0	46.5	147.3	16.0
9	252	67.9	20.1	44.0	265.5	15.3
10	253	67.5	31.2	49.4	315.2	13.6
11	254	72.0	26.0	49.0	310.5	14.3
12	255	69.0	30.0	49.5	283.2	13.6
13	256	65.0	30.0	47.5	386.0	14.5
14	257	64.2	31.8	48.0	290.8	13.6
15	258	60.0	29.8	44.9	250.5	12.8
16	259	55.2	20.0	37.6	142.2	13.3
17	260	69.0	26.0	47.5	320.5	14.4
18	261	70.2	23.0	46.6	262.4	12.8
19	262	66.0	24.0	45.0	325.4	13.5
20	263	69.9	28.1	49.0	238.3	13.6
21	264	67.0	28.3	47.7	123.4	14.3
22	265	68.4	26.6	47.5	120.3	13.6
23	266	60.8	25.6	43.2	132.9	12.9
24	267	70.0	29.9	50.0	250.5	9.2
25	268	63.6	34.2	48.9	340.1	9.9
26	269	72.0	32.9	52.5	159.4	10.8
27	270	68.0	18.0	43.0	146.6	10.1
28	271	56.8	19.0	37.9	152.4	10.9
29	272	66.2	25.0	45.6	250.3	13.5
30	273	64.2	32.0	48.1	377.1	10.8
Mean		64.5	26.5	45.5	245.0	13.5
Abs. Max.		72.0	34.2	52.5	386.0	16.9
Abs. Min.		42.2	15.4	29.1	120.3	9.2

GHRERIFE - DAILY CLIMATIC DATA II
OCTOBER 1990

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	274	66.0	31.0	48.5	272.7	10.3
2	275	72.4	33.8	53.1	148.1	11.1
3	276	67.7	26.8	47.3	133.4	11.8
4	277	63.0	28.0	45.5	160.4	10.8
5	278	60.0	27.0	43.5	138.7	12.7
6	279	42.0	20.8	31.4	163.8	13.3
7	280	47.0	20.9	34.0	132.9	12.7
8	281	50.6	22.0	36.3	151.0	13.5
9	282	62.4	30.0	46.2	211.3	12.5
10	283	62.0	25.3	43.7	253.7	10.9
11	284	51.2	36.6	43.9	235.9	11.7
12	285	48.2	25.0	36.6	210.7	12.7
13	286	55.4	29.0	42.2	296.3	13.5
14	287	50.0	24.0	37.0	347.5	11.8
15	288	46.2	28.4	37.3	476.1	11.8
16	289	42.2	24.4	33.3	111.8	12.8
17	290	38.0	27.0	32.5	503.0	13.3
18	291	37.6	27.0	32.3	303.7	12.7
19	292	56.0	31.4	43.7	265.5	14.5
20	293	56.6	38.0	47.3	162.9	12.7
21	294	54.8	33.0	43.9	165.3	11.5
22	295	86.0	44.3	65.2	122.5	5.7
23	296	84.0	42.8	63.4	180.8	4.9
24	297	76.4	50.8	63.6	391.5	6.4
25	298	82.0	52.0	67.0	358.2	7.3
26	299	80.0	55.8	67.9	158.1	8.1
27	300	94.0	50.0	72.0	201.3	6.2
28	301	91.0	62.0	76.5	139.1	4.8
29	302	86.4	50.8	68.6	237.7	5.4
30	303	73.2	44.0	58.6	206.0	6.3
31	304	89.0	41.0	65.0	178.1	8.0
Mean		63.6	34.9	49.3	226.4	10.4
Abs. Max.		94.0	62.0	76.5	503.0	14.5
Abs. Min.		37.6	20.8	31.4	111.8	4.8

GHRERIFE - DAILY CLIMATIC DATA II
NOVEMBER 1990

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	305	90.8	48.0	69.4	177.3	7.2
2	306	93.0	53.8	73.4	177.3	6.3
3	307	79.8	45.0	62.4	156.3	8.8
4	308	77.0	43.8	60.4	170.3	8.2
5	309	65.0	42.0	53.5	270.9	4.6
6	310	68.0	41.3	54.7	101.1	3.8
7	311	89.0	49.3	69.2	160.7	3.7
8	312	92.2	56.2	74.2	347.8	8.6
9	313	90.0	59.0	74.5	335.8	7.1
10	314	92.8	67.8	80.3	298.9	3.8
11	315	87.0	56.8	71.9	200.1	2.6
12	316	91.0	49.8	70.4	126.8	4.4
13	317	93.6	47.0	70.3	176.7	3.6
14	318	90.0	49.6	69.8	292.7	2.8
15	319	88.2	47.0	67.6	291.4	1.1
16	320	85.0	44.7	64.9	186.1	1.9
17	321	87.3	50.7	69.0	116.6	4.5
18	322	90.0	46.3	68.2	119.5	2.8
19	323	83.0	57.8	70.4	245.2	4.9
20	324	74.0	42.6	58.3	289.8	3.7
21	325	81.0	46.2	63.6	115.8	3.7
22	326	84.2	46.0	65.1	133.2	3.1
23	327	82.8	53.0	67.9	120.3	3.8
24	328	78.0	46.3	62.2	246.5	4.6
25	329	82.2	49.2	65.7	129.0	3.6
26	330	93.0	62.0	77.5	123.0	4.5
27	331	92.2	47.8	70.0	194.2	3.7
28	332	93.0	61.3	77.2	104.2	3.0
29	333	88.0	54.8	71.4	182.4	3.9
30	334	91.0	55.1	73.1	356.9	4.7
Mean		85.7	50.7	68.2	198.2	4.4
Abs. Max.		93.6	67.8	80.3	356.9	8.8
Abs. Min.		65.0	41.3	53.5	101.1	1.1

**GHRERIFE - DAILY CLIMATIC DATA II
DECEMBER 1990**

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	335	85.8	61.0	73.4	189.9	4.6
2	336	82.9	62.0	72.5	230.6	3.6
3	337	97.0	57.2	77.1	274.3	0.6
4	338	92.0	66.0	79.0	173.1	1.3
5	339	92.0	66.0	79.0	397.9	1.3
6	340	94.8	56.3	75.6	148.9	1.8
7	341	92.5	53.9	73.2	170.3	2.6
8	342	92.2	65.6	78.9	93.7	1.8
9	343	92.0	60.8	76.4	171.8	3.5
10	344	87.2	45.8	66.5	248.1	0.9
11	345	85.9	44.9	65.4	248.1	1.8
12	346	79.2	53.0	66.1	248.1	2.6
13	347	81.3	50.0	65.7	404.3	3.1
14	348	93.5	62.0	77.8	116.0	2.3
15	349	92.0	60.0	76.0	134.1	2.6
16	350	94.2	58.2	76.2	165.4	2.2
17	351	89.9	51.0	70.5	217.9	2.2
18	352	88.0	54.0	71.0	126.3	3.1
19	353	82.0	56.3	69.2	206.6	2.1
20	354	90.3	56.0	73.2	166.3	3.0
21	355	95.0	71.4	83.2	89.4	0.3
22	356	93.8	75.0	84.4	121.1	3.0
23	357	92.8	65.0	78.9	287.5	0.2
24	358	94.0	80.2	87.1	173.0	0.8
25	359	90.5	50.1	70.3	104.6	1.8
26	360	94.0	59.9	77.0	109.9	1.8
27	361	91.9	48.1	70.0	128.9	1.8
28	362	85.0	52.2	68.6	390.6	1.9
29	363	89.0	48.0	68.5	134.9	1.8
30	364	89.6	49.0	69.3	121.3	2.7
31	365	93.4	53.0	73.2	112.1	1.4
Mean		90.1	57.8	74.0	190.5	2.1
Abs.Max.		97.0	80.2	87.1	404.3	4.6
Abs.Min.		79.2	44.9	65.4	89.4	0.2

**GHRERIFE - DAILY CLIMATIC DATA II
JANUARY 1991**

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	1	91.4	52.7	72.1	131.4	1.4
2	2	88.2	51.7	70.0	168.9	1.0
3	3	93.4	59.1	76.3	187.2	0.5
4	4	92.5	78.0	85.3	130.4	0.2
5	5	92.5	86.0	89.3	66.5	0.2
6	6	92.3	81.0	86.7	82.6	0.4
7	7	95.2	88.0	91.6	102.5	2.8
8	8	95.0	87.0	91.0	88.5	1.8
9	9	95.5	89.1	92.3	91.6	2.2
10	10	95.0	85.0	90.0	81.8	1.5
11	11	94.4	57.0	75.7	142.1	1.1
12	12	93.2	47.0	70.1	190.1	1.8
13	13	93.0	52.0	72.5	153.5	2.6
14	14	91.2	47.0	69.1	170.1	0.9
15	15	97.0	62.0	79.5	171.6	0.9
16	16	97.0	64.0	80.5	163.6	0.6
17	17	97.0	86.0	91.5	181.6	0.3
18	18	97.0	78.2	87.6	147.7	0.4
19	19	92.0	76.0	84.0	348.8	0.3
20	20	97.0	88.0	92.5	360.4	0.1
21	21	93.0	79.7	86.4	127.5	0.3
22	22	92.6	48.0	70.3	322.5	0.1
23	23	93.0	48.0	70.5	122.4	0.2
24	24	92.0	52.0	72.0	112.3	0.9
25	25	92.0	44.6	68.3	160.5	1.0
26	26	85.0	43.0	64.0	163.6	1.8
27	27	89.8	58.0	73.9	147.0	1.2
28	28	84.0	60.0	72.0	464.2	0.5
29	29	96.4	88.0	92.2	435.7	1.3
30	30	96.6	80.0	88.3	167.1	0.9
31	31	93.4	76.8	85.1	182.6	1.2
Mean		93.1	67.5	80.3	179.6	1.0
Abs. Max.		97.0	89.1	92.5	464.2	2.8
Abs. Min.		84.0	43.0	64.0	66.5	0.1

GHRERIFE - DAILY CLIMATIC DATA II
FEBRUARY 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	32	97.0	63.0	80.0	186.7	1.1
2	33	97.0	68.5	82.8	353.4	0.8
3	34	91.3	68.0	79.7	478.6	1.5
4	35	80.2	54.6	67.4	304.9	1.0
5	36	79.3	51.0	65.2	434.2	1.8
6	37	90.0	62.1	76.1	208.9	1.9
7	38	96.0	55.6	75.8	111.2	2.7
8	39	92.6	55.0	73.8	195.5	1.9
9	40	85.0	45.3	65.2	123.8	2.6
10	41	89.0	58.0	73.5	169.6	2.0
11	42	89.8	51.2	70.5	143.7	1.9
12	43	87.0	49.6	68.3	136.2	2.7
13	44	91.0	57.0	74.0	347.1	6.4
14	45	87.3	51.0	69.2	126.0	3.0
15	46	85.2	45.0	65.1	324.9	3.9
16	47	99.0	56.0	77.5	176.1	2.0
17	48	94.3	58.8	76.6	210.6	1.8
18	49	97.6	59.0	78.3	219.6	0.9
19	50	97.0	74.0	85.5	112.2	1.0
20	51	96.2	57.6	76.9	134.2	2.2
21	52	91.3	34.4	62.9	289.7	2.1
22	53	73.8	42.0	37.9	715.9	2.7
23	54	72.0	50.2	61.1	372.4	2.2
24	55	85.0	55.0	70.0	398.1	6.0
25	56	97.4	77.8	87.6	254.5	1.3
26	57	96.0	59.0	77.5	331.9	0.9
27	58	96.7	53.0	74.9	186.7	1.8
28	59	95.8	61.0	78.4	218.6	2.6
Mean		90.3	56.2	72.6	259.5	2.2
Abs.Max.		99.0	77.8	87.6	715.9	6.4
Abs.Min.		72.0	34.4	37.9	111.2	0.8

GHRERIFE - DAILY CLIMATIC DATA II
MARCH 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	60	94.3	56.0	75.2	142.7	3.5
2	61	98.0	57.8	77.9	203.4	2.6
3	62	93.0	48.0	70.5	114.4	3.7
4	63	92.0	56.0	74.0	256.7	3.1
5	64	98.0	76.0	87.0	237.0	3.5
6	65	74.0	43.0	58.5	376.8	3.0
7	66	89.8	51.6	70.7	304.8	3.7
8	67	97.0	68.0	82.5	330.9	1.1
9	68	65.0	27.0	46.0	300.3	1.3
10	69	84.2	37.0	60.6	295.8	1.8
11	70	81.4	61.6	71.5	656.7	3.1
12	71	91.3	52.3	71.8	267.7	3.7
13	72	97.0	67.0	82.0	159.8	3.6
14	73	99.0	62.8	80.9	197.0	0.4
15	74	84.2	49.1	66.7	160.3	3.0
16	75	83.5	50.0	66.8	513.4	3.7
17	76	99.8	75.0	87.4	277.3	1.7
18	77	98.3	79.0	88.7	154.8	1.5
19	78	98.1	81.0	89.6	129.3	1.5
20	79	97.2	58.2	77.7	220.8	1.1
21	80	89.0	61.8	75.4	486.5	2.1
22	81	98.0	82.0	90.0	592.9	m
23	82	96.2	66.8	81.5	271.0	0.6
24	83	96.9	73.0	85.0	179.9	0.9
25	84	92.9	57.0	75.0	93.7	1.9
26	85	95.0	52.0	73.5	138.4	2.0
27	86	95.2	48.4	71.8	132.0	2.1
28	87	90.3	45.1	67.7	115.7	1.2
29	88	95.8	53.0	74.4	126.1	2.8
30	89	99.0	47.6	73.3	189.0	2.2
31	90	96.3	54.1	75.2	268.4	2.8
Mean		92.2	58.0	75.1	254.6	(2.3)
Abs. Max.		99.8	82.0	90.0	656.7	(3.7)
Abs. Min.		65.0	27.0	46.0	93.7	(0.4)

GHRERIFE - DAILY CLIMATIC DATA II
APRIL 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	91	71.2	49.8	60.5	192.9	2.8
2	92	86.3	56.8	71.6	402.8	3.1
3	93	92.2	59.2	75.7	310.2	2.0
4	94	100.0	54.0	77.0	290.4	3.1
5	95	94.0	52.4	73.2	209.7	1.8
6	96	95.0	54.8	74.9	170.2	2.7
7	97	100.0	45.6	72.8	421.8	2.2
8	98	100.0	56.2	78.1	319.0	5.3
9	99	99.0	67.2	83.1	324.1	3.6
10	100	98.8	71.0	84.9	232.0	4.8
11	101	99.0	63.2	81.1	211.6	4.1
12	102	99.0	49.6	74.3	251.8	5.8
13	103	99.6	46.6	73.1	140.6	4.5
14	104	84.0	38.0	61.0	289.1	7.1
15	105	91.2	41.6	66.4	426.3	3.7
16	106	96.0	55.2	75.6	418.1	3.6
17	107	95.0	49.0	72.0	272.7	4.5
18	108	100.0	41.7	70.9	133.6	4.6
19	109	82.6	39.8	61.2	262.5	3.8
20	110	82.0	45.2	63.6	229.4	4.5
21	111	98.4	59.0	78.7	288.1	5.3
22	112	82.0	39.4	60.7	152.9	4.5
23	113	89.0	35.1	62.1	316.9	4.6
24	114	m	39.6	m	259.0	5.3
25	115	m	m	m	279.7	5.4
26	116	m	m	m	168.1	5.3
27	117	m	m	m	129.6	4.8
28	118	m	m	m	139.8	5.4
29	119	81.0	37.0	59.0	205.8	5.4
30	120	99.5	43.7	71.6	345.4	1.8
Mean		(92.6)	(49.6)	(71.3)	259.8	4.2
Abs.Max.		(100.0)	(71.0)	(84.9)	426.3	7.1
Abs.Min.		(71.2)	(35.1)	(59.0)	129.6	1.8

GHRERIFE - DAILY CLIMATIC DATA II
MAY 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	121	100.0	68.5	84.3	266.9	1.5
2	122	98.0	54.8	76.4	233.4	2.2
3	123	99.7	45.0	72.4	202.2	4.5
4	124	96.2	37.3	66.8	147.0	5.4
5	125	93.3	37.0	65.2	142.1	4.6
6	126	73.4	35.8	54.6	271.6	5.4
7	127	63.0	43.0	53.0	300.4	6.4
8	128	74.0	43.0	58.5	228.4	6.3
9	129	94.0	43.4	68.7	382.6	7.3
10	130	100.0	40.0	70.0	222.7	7.2
11	131	75.3	45.0	60.2	241.8	5.7
12	132	79.0	54.0	66.5	339.3	6.5
13	133	80.4	44.8	62.6	237.3	8.0
14	134	99.0	43.0	71.0	335.3	8.9
15	135	100.0	82.0	91.0	244.7	4.6
16	136	100.0	60.0	80.0	502.5	8.9
17	137	100.0	58.0	79.0	329.0	8.1
18	138	100.0	52.2	76.1	252.5	8.0
19	139	99.8	41.6	70.7	133.7	8.9
20	140	90.4	31.4	60.9	304.7	13.2
21	141	99.4	55.0	77.2	579.3	12.7
22	142	100.0	42.5	71.3	324.7	1.5
23	143	100.0	44.0	72.0	265.8	8.4
24	144	100.0	31.0	65.5	135.1	9.2
25	145	97.0	30.0	63.5	202.3	8.5
26	146	98.0	47.0	72.5	310.2	11.7
27	147	99.2	53.2	76.2	370.3	12.4
28	148	99.0	50.0	74.5	304.6	13.2
29	149	100.0	55.0	77.5	261.6	m
30	150	100.0	40.2	70.1	224.1	11.8
31	151	100.0	40.0	70.0	228.1	12.4
Mean		93.8	46.7	70.3	275.0	(7.8)
Abs.Max.		100.0	82.0	91.0	579.3	(13.2)
Abs.Min.		63.0	30.0	53.0	133.7	(1.5)

GHRERIFE - DAILY CLIMATIC DATA II
JUNE 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	152	99.6	35.0	67.3	256.5	12.7
2	153	99.8	33.0	66.4	321.4	14.2
3	154	92.5	30.1	61.3	251.7	14.1
4	155	90.8	35.9	63.4	422.9	14.9
5	156	72.5	40.1	56.3	343.7	14.9
6	157	95.0	40.0	67.5	366.5	14.3
7	158	99.8	42.5	71.2	341.7	14.9
8	159	97.0	35.8	66.4	250.4	15.7
9	160	86.4	26.8	56.6	274.7	15.8
10	161	92.5	44.0	68.3	430.3	16.7
11	162	100.0	50.6	75.3	443.6	17.5
12	163	100.0	42.5	71.3	243.2	17.6
13	164	85.8	42.8	64.3	251.2	18.4
14	165	88.0	36.0	62.0	261.5	18.5
15	166	91.8	41.8	66.8	277.7	19.2
16	167	87.7	32.5	60.1	241.2	19.3
17	168	82.5	32.2	57.4	240.0	19.3
18	169	74.0	29.2	51.6	304.9	20.1
19	170	67.5	26.2	46.9	343.3	20.2
20	171	86.0	38.0	62.0	312.5	21.0
21	172	100.0	46.4	73.2	355.2	21.1
22	173	98.2	41.8	70.0	312.8	21.3
23	174	93.0	36.0	64.5	255.9	21.3
24	175	87.5	36.8	62.2	316.1	21.9
25	176	99.2	53.6	76.4	477.7	22.0
26	177	98.0	58.0	78.0	449.7	22.7
27	178	95.0	51.0	73.0	394.8	22.7
28	179	100.0	52.5	76.3	305.6	22.9
29	180	100.0	48.0	74.0	287.2	22.9
30	181	100.0	51.4	75.7	345.1	23.1
Mean		92.0	40.3	66.2	322.6	18.7
Abs.Max.		100.0	58.0	78.0	477.7	23.1
Abs.Min.		67.5	26.2	46.9	240.0	12.7

GHRERIFE - DAILY CLIMATIC DATA II
JULY 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	182	96.0	52.5	74.3	504.8	16.0
2	183	100.0	47.3	73.7	473.8	16.0
3	184	100.0	29.0	64.5	394.7	16.0
4	185	100.0	36.0	68.0	342.8	20.2
5	186	99.0	41.4	70.2	560.8	19.6
6	187	100.0	50.4	75.2	407.1	18.6
7	188	97.0	52.5	74.8	467.4	14.9
8	189	100.0	46.0	73.0	534.1	16.7
9	190	93.2	44.2	68.7	474.4	18.1
10	191	93.0	26.0	59.5	361.2	17.9
11	192	72.8	26.4	49.6	246.8	18.2
12	193	61.0	26.8	43.9	225.7	18.5
13	194	61.6	32.0	46.8	480.9	16.7
14	195	79.8	33.0	56.4	321.7	16.4
15	196	82.5	38.4	60.5	513.0	17.7
16	197	98.0	44.0	71.0	425.5	17.0
17	198	85.0	41.6	63.3	403.0	14.8
18	199	97.5	48.4	73.0	513.6	15.0
19	200	95.0	52.5	73.8	407.2	15.6
20	201	98.2	34.8	66.5	240.6	16.5
21	202	97.2	51.8	74.5	454.6	14.7
22	203	98.0	49.2	73.6	498.8	14.3
23	204	91.8	47.5	69.7	472.6	14.8
24	205	94.8	45.2	70.0	411.6	14.9
25	206	95.8	51.0	73.4	510.5	15.0
26	207	95.0	56.4	75.7	575.7	14.9
27	208	97.5	50.0	73.8	424.7	14.9
28	209	93.8	32.0	62.9	393.6	14.9
29	210	95.0	37.5	66.3	494.7	14.9
30	211	98.0	57.5	77.8	620.1	14.3
31	212	89.0	51.6	70.3	589.3	13.6
Mean		92.1	43.0	67.6	443.4	16.2
Abs. Max.		100.0	57.5	77.8	620.1	20.2
Abs. Min.		61.0	26.0	43.9	225.7	13.6

GHRERIFE - DAILY CLIMATIC DATA II
AUGUST 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	213	87.5	47.0	67.3	421.6	14.2
2	214	93.0	39.0	66.0	340.3	14.9
3	215	79.8	35.0	57.4	435.9	14.1
4	216	m	m	m	660.3	14.9
5	217	m	m	m	645.8	15.7
6	218	m	m	m	442.4	15.2
7	219	m	m	m	337.2	15.2
8	220	m	m	m	195.7	15.8
9	221	m	m	m	313.6	15.3
10	222	m	m	m	470.7	15.7
11	223	m	m	m	462.1	15.9
12	224	m	28.8	m	248.1	15.7
13	225	80.2	29.2	54.7	250.2	15.3
14	226	81.8	36.0	58.9	423.2	15.8
15	227	94.2	47.5	70.9	524.8	15.6
16	228	95.2	48.0	71.6	411.1	15.9
17	229	96.6	54.2	75.4	474.9	15.6
18	230	95.0	52.0	73.5	470.0	15.3
19	231	98.0	50.1	74.1	534.9	16.2
20	232	91.4	51.0	71.2	149.7	16.2
21	233	98.0	34.0	66.0	324.9	16.6
22	234	100.0	42.0	71.0	360.7	16.3
23	235	86.4	42.5	64.5	353.9	16.7
24	236	86.0	37.0	61.5	308.0	16.8
25	237	92.0	37.0	64.5	257.3	16.2
26	238	91.8	30.0	60.9	287.2	16.4
27	239	77.0	37.0	57.0	321.4	16.6
28	240	90.2	45.0	67.6	408.4	16.7
29	241	97.0	57.5	77.3	359.3	16.2
30	242	100.0	59.0	79.5	269.3	16.1
31	243	98.4	35.8	67.1	228.4	16.4
Mean		(91.3)	(42.4)	(67.2)	377.1	15.8
Abs.Max.		(100.0)	(59.0)	(79.5)	660.3	16.8
Abs.Min.		(77.0)	(28.8)	(54.7)	149.7	14.1

**GHRERIFE - DAILY SOIL TEMPERATURE
SEPTEMBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	244	38.9	24.0	31.5	32.5	26.2	29.4	30.7	27.7	29.2
2	245	39.5	24.1	31.8	33.0	26.1	29.6	31.0	27.8	29.4
3	246	40.3	24.3	32.3	33.3	26.5	29.9	31.1	28.0	29.6
4	247	39.9	24.4	32.2	32.9	26.3	29.6	30.9	27.9	29.4
5	248	38.6	24.9	31.8	32.2	26.8	29.5	30.6	28.0	29.3
6	249	39.0	24.2	31.6	32.4	26.1	29.3	30.7	27.9	29.3
7	250	38.6	24.4	31.5	32.0	26.1	29.1	30.2	27.8	29.0
8	251	39.8	25.0	32.4	33.0	26.4	29.7	31.0	27.9	29.5
9	252	39.8	25.0	32.4	33.0	26.8	29.9	31.0	28.0	29.5
10	253	39.2	25.0	32.1	33.0	26.5	29.8	30.7	28.0	29.4
11	254	39.0	24.8	31.9	32.8	26.9	29.9	30.3	27.7	29.0
12	255	38.0	25.1	31.6	32.1	26.8	29.5	30.0	27.7	28.9
13	256	36.1	25.3	30.7	31.4	26.7	29.1	29.7	27.6	28.7
14	257	36.0	22.2	29.1	31.0	24.9	28.0	29.2	26.2	27.7
15	258	35.9	21.0	28.5	30.3	24.0	27.2	28.6	25.4	27.0
16	259	36.2	21.1	28.7	30.2	23.7	27.0	28.3	25.3	26.8
17	260	35.7	21.2	28.5	30.0	23.5	26.8	28.0	25.1	26.6
18	261	36.0	21.9	29.0	30.1	24.1	27.1	28.2	25.5	26.9
19	262	35.0	22.0	28.5	29.5	24.0	26.8	27.9	25.3	26.6
20	263	35.4	22.0	28.7	29.9	24.0	27.0	28.0	25.2	26.6
21	264	36.4	22.1	29.3	30.2	24.0	27.1	28.2	25.1	26.7
22	265	37.7	23.1	30.4	31.0	24.8	27.9	29.0	25.9	27.5
23	266	37.5	24.0	30.8	31.3	25.5	28.4	29.2	26.3	27.8
24	267	38.5	24.1	31.3	32.0	25.8	28.9	29.9	26.7	28.3
25	268	36.0	23.0	29.5	30.5	24.9	27.7	28.9	26.1	27.5
26	269	36.9	23.1	30.0	30.8	24.9	27.9	28.9	26.0	27.5
27	270	38.0	23.8	30.9	31.8	25.4	28.6	29.5	26.4	28.0
28	271	38.4	24.0	31.2	31.9	25.6	28.8	29.9	26.7	28.3
29	272	37.0	24.0	30.5	31.0	26.0	28.5	29.2	27.0	28.1
30	273	34.0	20.6	27.3	29.6	23.2	26.4	28.2	25.0	26.6
Mean		37.6	23.5	30.5	31.5	25.4	28.5	29.6	26.7	28.2
Abs.Max.		40.3	25.3	32.4	33.3	26.9	29.9	31.1	28.0	29.6
Abs.Min.		34.0	20.6	27.3	29.5	23.2	26.4	27.9	25.0	26.6

**GHRERIFE - DAILY SOIL TEMPERATURE
OCTOBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	274	33.9	21.7	27.8	28.4	23.0	25.7	27.3	24.7	26.0
2	275	34.5	21.3	27.9	28.7	23.0	25.9	27.2	24.7	26.0
3	276	34.9	21.6	28.3	28.9	23.1	26.0	27.4	24.9	26.2
4	277	35.3	22.1	28.7	29.0	23.2	26.1	27.5	25.0	26.3
5	278	35.8	22.0	28.9	29.5	24.9	27.2	28.0	25.2	26.6
6	279	36.0	22.2	29.1	29.8	24.9	27.4	28.0	25.2	26.6
7	280	35.6	21.6	28.6	29.5	23.8	26.7	28.0	25.2	26.6
8	281	35.4	21.8	28.6	29.5	23.7	26.6	28.0	25.0	26.5
9	282	34.9	21.2	28.1	29.0	23.0	26.0	27.6	24.8	26.2
10	283	34.0	21.0	27.5	28.3	23.0	25.7	27.0	24.5	25.8
11	284	33.0	19.5	26.3	27.9	22.0	25.0	26.8	23.8	25.3
12	285	30.8	17.3	24.1	26.0	20.0	23.0	25.3	22.2	23.8
13	286	30.3	18.8	24.6	25.3	20.1	22.7	25.0	22.4	23.7
14	287	30.8	17.0	23.9	25.6	19.9	22.8	24.9	22.0	23.5
15	288	29.1	18.3	23.7	24.2	19.9	22.1	24.0	22.0	23.0
16	289	29.6	17.7	23.7	24.8	19.6	22.2	24.2	21.8	23.0
17	290	28.5	18.1	23.3	24.0	19.4	21.7	24.0	21.7	22.9
18	291	28.0	21.6	24.8	24.7	22.0	23.4	24.4	23.1	23.8
19	292	30.0	19.4	24.7	25.0	20.7	22.9	24.6	22.3	23.5
20	293	31.0	19.8	25.4	25.2	20.8	23.0	24.7	22.4	23.6
21	294	32.0	20.8	26.4	26.3	21.4	23.9	25.3	23.0	24.2
22	295	30.1	20.8	25.5	26.0	22.0	24.0	25.0	23.0	24.0
23	296	31.6	20.0	25.8	26.4	21.6	24.0	25.1	23.0	24.1
24	297	28.0	18.1	23.1	24.6	20.1	22.4	24.0	21.8	22.9
25	298	26.0	17.0	21.5	22.9	18.5	20.7	22.7	20.2	21.5
26	299	26.7	17.7	22.2	22.1	18.9	20.5	22.0	20.3	21.2
27	300	28.0	18.2	23.1	23.1	19.1	21.1	22.6	20.8	21.7
28	301	24.2	15.0	19.6	21.4	17.1	19.3	21.7	19.4	20.6
29	302	26.0	15.4	20.7	21.4	17.2	19.3	21.4	19.4	20.4
30	303	26.4	17.5	22.0	22.2	18.6	20.4	22.0	20.2	21.1
31	304	27.6	18.0	22.8	22.9	18.9	20.9	22.5	20.6	21.6
Mean		30.9	19.4	25.2	25.9	21.1	23.5	25.1	22.7	23.9
Abs. Max.		36.0	22.2	29.1	29.8	24.9	27.4	28.0	25.2	26.6
Abs. Min.		24.2	15.0	19.6	21.4	17.1	19.3	21.4	19.4	20.4

**GHRERIFE - DAILY SOIL TEMPERATURE
NOVEMBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	305	28.6	18.0	23.3	23.3	19.1	21.2	23.0	20.8	21.9
2	306	28.0	18.0	23.0	23.1	19.0	21.1	22.9	20.8	21.9
3	307	28.0	18.0	23.0	23.0	19.0	21.0	22.7	20.8	21.8
4	308	27.9	17.3	22.6	22.8	18.6	20.7	22.3	20.3	21.3
5	309	28.2	17.6	22.9	23.0	18.7	20.9	22.8	20.4	21.6
6	310	28.0	19.0	23.5	22.9	19.0	21.0	22.6	20.9	21.8
7	311	25.3	19.6	22.5	21.7	19.1	20.4	22.0	21.0	21.5
8	312	25.3	16.9	21.1	21.7	18.4	20.1	21.9	20.1	21.0
9	313	19.7	13.6	16.7	19.0	15.0	17.0	20.1	18.0	19.1
10	314	17.0	11.0	14.0	16.0	13.0	14.5	18.0	16.2	17.1
11	315	16.3	8.7	12.5	14.9	10.1	12.5	16.9	14.5	15.7
12	316	15.9	6.0	11.0	13.8	8.4	11.1	15.8	13.1	14.5
13	317	15.7	6.0	10.9	12.7	8.0	10.4	14.5	12.5	13.5
14	318	14.7	6.0	10.4	12.0	8.0	10.0	14.2	12.4	13.3
15	319	16.0	7.3	11.7	13.0	8.9	11.0	14.7	12.8	13.8
16	320	17.3	8.8	13.1	13.9	9.9	11.9	15.2	13.2	14.2
17	321	18.0	8.8	13.4	14.0	10.0	12.0	15.3	13.3	14.3
18	322	18.4	8.8	13.6	14.3	9.9	12.1	15.5	13.3	14.4
19	323	19.0	10.3	14.7	15.6	10.8	13.2	16.2	14.0	15.1
20	324	20.2	14.2	17.2	17.0	14.0	15.5	17.4	15.8	16.6
21	325	20.2	11.3	15.8	16.9	12.2	14.6	17.5	15.1	16.3
22	326	19.0	10.9	15.0	16.5	12.2	14.4	16.7	14.7	15.7
23	327	18.0	10.3	14.2	15.0	11.1	13.1	16.0	14.0	15.0
24	328	18.0	10.2	14.1	14.9	11.1	13.0	16.0	14.1	15.1
25	329	19.3	11.9	15.6	16.0	12.2	14.1	16.7	15.0	15.9
26	330	18.8	11.2	15.0	15.2	11.7	13.5	16.2	14.5	15.4
27	331	18.0	11.0	14.5	14.5	11.3	12.9	15.9	14.1	15.0
28	332	17.8	10.8	14.3	14.1	11.0	12.6	15.5	14.0	14.8
29	333	17.9	10.5	14.2	14.0	11.0	12.5	15.3	14.0	14.7
30	334	18.0	11.8	14.9	14.2	11.6	12.9	15.5	14.0	14.8
Mean		20.4	12.1	16.3	17.0	13.1	15.0	17.8	15.9	16.9
Abs. Max.		28.6	19.6	23.5	23.3	19.1	21.2	23.0	21.0	21.9
Abs. Min.		14.7	6.0	10.4	12.0	8.0	10.0	14.2	12.4	13.3

**GHRERIFE - DAILY SOIL TEMPERATURE
DECEMBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	335	17.9	11.2	14.6	14.3	11.6	13.0	15.5	14.1	14.8
2	336	16.8	11.2	14.0	13.9	11.7	12.8	15.0	14.1	14.6
3	337	17.1	11.9	14.5	13.7	11.2	12.5	15.0	14.0	14.5
4	338	17.5	12.0	14.8	14.0	11.2	12.6	15.0	14.0	14.5
5	339	16.6	11.0	13.8	13.5	11.0	12.3	14.9	13.9	14.4
6	340	18.5	9.7	14.1	14.0	10.1	12.1	15.0	13.2	14.1
7	341	17.2	9.0	13.1	13.2	9.8	11.5	14.5	12.9	13.7
8	342	15.2	9.0	12.1	12.3	9.5	10.9	13.9	12.5	13.2
9	343	16.2	8.6	12.4	12.5	9.2	10.9	14.0	12.3	13.2
10	344	15.9	6.2	11.1	10.0	7.8	8.9	13.5	11.9	12.7
11	345	14.1	6.0	10.1	10.7	7.4	9.1	12.3	10.8	11.6
12	346	14.0	6.2	10.1	10.8	7.5	9.2	12.3	10.9	11.6
13	347	14.3	10.4	12.4	12.0	10.0	11.0	13.2	12.0	12.6
14	348	16.0	7.9	12.0	12.2	8.5	10.4	13.3	11.4	12.4
15	349	15.3	7.8	11.6	11.4	8.3	9.9	12.9	11.2	12.1
16	350	15.3	7.8	11.6	11.2	8.5	9.9	12.8	11.3	12.1
17	351	16.4	10.2	13.3	12.3	9.5	10.9	13.6	12.1	12.9
18	352	16.0	6.9	11.5	11.9	7.7	9.8	13.1	11.0	12.1
19	353	14.4	6.3	10.4	10.4	7.5	9.0	12.1	11.0	11.6
20	354	13.0	9.5	11.3	10.0	8.8	9.4	12.0	11.3	11.7
21	355	13.9	9.5	11.7	10.6	8.8	9.7	12.2	11.2	11.7
22	356	13.2	9.1	11.2	10.2	8.3	9.3	12.0	11.0	11.5
23	357	14.9	9.1	12.0	10.8	8.5	9.7	12.1	11.1	11.6
24	358	10.1	3.0	6.6	8.5	4.5	6.5	11.0	8.5	9.8
25	359	9.8	3.0	6.4	6.9	4.0	5.5	9.2	8.0	8.6
26	360	10.0	2.4	6.2	6.7	3.2	5.0	9.0	7.2	8.1
27	361	8.5	2.3	5.4	5.4	3.0	4.2	8.0	7.0	7.5
28	362	7.0	3.3	5.2	5.0	3.4	4.2	7.8	7.0	7.4
29	363	9.2	2.1	5.7	6.0	2.8	4.4	8.1	6.6	7.4
30	364	9.5	2.2	5.9	5.8	3.0	4.4	8.0	6.7	7.4
31	365	10.0	2.5	6.3	5.9	3.0	4.5	8.1	6.9	7.5
Mean		14.0	7.3	10.7	10.5	7.7	9.1	12.2	10.9	11.6
Abs. Max.		18.5	12.0	14.8	14.3	11.7	13.0	15.5	14.1	14.8
Abs. Min.		7.0	2.1	5.2	5.0	2.8	4.2	7.8	6.6	7.4

**GHRERIFE - DAILY SOIL TEMPERATURE
JANUARY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	1	8.4	2.3	5.4	5.2	2.8	4.0	7.9	6.7	7.3
2	2	11.0	3.5	7.3	6.7	3.4	5.1	8.8	7.0	7.9
3	3	10.6	6.0	8.3	7.5	5.0	6.3	9.3	8.0	8.7
4	4	10.8	4.9	7.9	8.0	4.7	6.4	10.0	8.0	9.0
5	5	11.3	5.0	8.2	7.8	4.5	6.2	9.5	8.0	8.8
6	6	11.7	5.1	8.4	7.8	4.5	6.2	9.7	8.0	8.9
7	7	11.0	7.1	9.1	7.9	6.0	7.0	9.8	8.9	9.4
8	8	9.8	8.0	8.9	7.3	6.4	6.9	9.7	9.0	9.4
9	9	9.7	7.3	8.5	7.0	6.1	6.6	9.2	8.9	9.1
10	10	10.8	4.9	7.9	7.5	4.1	5.8	9.3	7.8	8.6
11	11	11.0	3.8	7.4	7.0	3.6	5.3	9.0	7.2	8.1
12	12	m	3.6	m	m	3.6	m	8.8	7.1	8.0
13	13	m	3.7	m	7.0	3.4	5.2	8.7	7.0	7.9
14	14	11.2	4.6	7.9	7.3	3.3	5.3	9.0	7.0	8.0
15	15	12.5	4.9	8.7	8.8	4.4	6.6	9.9	7.5	8.7
16	16	11.1	6.7	8.9	8.0	6.0	7.0	9.9	8.9	9.4
17	17	10.0	7.2	8.6	8.0	6.0	7.0	9.9	8.8	9.4
18	18	12.0	6.0	9.0	9.0	5.0	7.0	10.1	8.0	9.1
19	19	11.0	6.0	8.5	8.0	5.2	6.6	9.4	8.0	8.7
20	20	9.8	8.2	9.0	7.2	6.7	7.0	9.0	8.9	9.0
21	21	11.3	8.1	9.7	8.2	7.0	7.6	9.4	8.6	9.0
22	22	11.1	6.1	8.6	8.1	5.2	6.7	9.3	7.6	8.5
23	23	9.7	3.7	6.7	6.8	3.0	4.9	8.1	6.0	7.1
24	24	m	3.4	m	5.5	2.8	4.2	7.0	5.5	6.3
25	25	8.8	3.2	6.0	5.0	2.6	3.8	6.8	5.2	6.0
26	26	8.1	2.0	5.1	4.3	1.8	3.1	6.1	4.6	5.4
27	27	7.8	2.2	5.0	5.0	2.0	3.5	6.5	4.6	5.6
28	28	10.1	4.0	7.1	6.0	3.1	4.6	7.6	5.5	6.6
29	29	6.0	4.7	5.4	4.1	3.0	3.6	6.7	5.9	6.3
30	30	6.3	4.7	5.5	4.0	3.0	3.5	6.1	5.9	6.0
31	31	8.0	4.9	6.5	5.0	3.4	4.2	7.0	6.0	6.5
Mean		(10.0)	5.0	(7.6)	(6.8)	4.2	(5.6)	8.6	7.2	8.0
Abs.Max.		(12.5)	8.2	(9.7)	(9.0)	7.0	(7.6)	10.1	9.0	9.4
Abs.Min.		(6.0)	2.0	(5.0)	(4.0)	1.8	(3.1)	6.1	4.6	5.4

**GHRERIFE - DAILY SOIL TEMPERATURE
FEBRUARY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	32	9.0	5.0	7.0	5.4	3.8	4.6	7.0	6.2	6.6
2	33	9.7	5.1	7.4	6.0	4.0	5.0	7.6	6.3	7.0
3	34	8.0	3.3	5.7	5.2	2.5	3.9	7.1	5.4	6.3
4	35	7.1	3.0	5.1	4.1	2.1	3.1	6.2	5.1	5.7
5	36	7.0	3.0	5.0	4.0	2.1	3.1	6.0	5.0	5.5
6	37	6.9	3.8	5.4	3.9	2.3	3.1	5.9	5.1	5.5
7	38	8.9	3.4	6.2	5.0	2.4	3.7	6.5	5.2	5.9
8	39	10.3	3.0	6.7	6.0	2.8	4.4	7.0	5.2	6.1
9	40	9.4	3.0	6.2	5.2	2.2	3.7	6.9	4.1	5.5
10	41	10.5	3.0	6.8	6.1	2.3	4.2	7.3	5.2	6.3
11	42	12.0	4.5	8.3	7.3	3.9	5.6	8.6	6.2	7.4
12	43	12.2	4.7	8.5	7.7	4.1	5.9	8.9	7.0	8.0
13	44	9.8	5.0	7.4	6.3	4.3	5.3	8.0	7.0	7.5
14	45	12.0	5.0	8.5	7.5	4.3	5.9	8.8	7.0	7.9
15	46	11.7	5.6	8.7	7.6	4.9	6.3	9.0	7.2	8.1
16	47	9.9	7.3	8.6	7.2	5.8	6.5	9.0	8.0	8.5
17	48	12.1	7.2	9.7	8.4	5.8	7.1	9.4	8.0	8.7
18	49	14.0	8.4	11.2	10.0	6.8	8.4	10.7	8.7	9.7
19	50	13.2	8.7	11.0	9.9	7.8	8.9	10.7	9.4	10.1
20	51	15.0	8.0	11.5	11.0	8.0	9.5	11.4	10.0	10.7
21	52	13.0	8.0	10.5	10.9	7.4	9.2	11.3	9.3	10.3
22	53	12.2	8.0	10.1	9.3	7.6	8.5	10.6	9.4	10.0
23	54	13.5	9.0	11.3	10.0	8.0	9.0	11.0	9.8	10.4
24	55	16.0	10.0	13.0	12.0	8.8	10.4	12.2	10.2	11.2
25	56	11.9	9.4	10.7	9.8	8.0	8.9	11.2	10.1	10.7
26	57	14.0	8.7	11.4	10.2	8.0	9.1	11.1	10.0	10.6
27	58	14.2	8.8	11.5	10.5	8.0	9.3	11.2	10.0	10.6
28	59	14.3	8.6	11.5	11.0	8.0	9.5	11.5	10.1	10.8
Mean		11.3	6.1	8.7	7.8	5.2	6.5	9.0	7.5	8.3
Abs.Max.		16.0	10.0	13.0	12.0	8.8	10.4	12.2	10.2	11.2
Abs.Min.		6.9	3.0	5.0	3.9	2.1	3.1	5.9	4.1	5.5

**GHRERIFE - DAILY SOIL TEMPERATURE
MARCH 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	60	15.0	8.8	11.9	11.0	8.0	9.5	11.8	10.0	10.9
2	61	15.2	9.0	12.1	11.9	8.4	10.2	12.5	10.9	11.7
3	62	16.0	9.0	12.5	12.0	8.5	10.3	12.6	10.9	11.8
4	63	16.6	10.0	13.3	12.7	9.2	11.0	13.0	11.3	12.2
5	64	14.4	8.9	11.7	11.3	8.3	9.8	12.4	10.6	11.5
6	65	14.2	7.0	10.6	10.4	6.9	8.7	11.3	9.3	10.3
7	66	14.0	7.0	10.5	10.1	7.0	8.6	11.0	9.3	10.2
8	67	14.0	8.8	11.4	10.2	7.6	8.9	11.2	9.7	10.5
9	68	12.3	5.0	8.7	8.8	5.0	6.9	10.0	7.9	9.0
10	69	12.3	5.0	8.7	8.1	4.8	6.5	9.5	7.9	8.7
11	70	11.2	8.0	9.6	8.7	6.7	7.7	9.9	8.9	9.4
12	71	14.3	8.8	11.6	10.5	7.5	9.0	11.0	9.2	10.1
13	72	15.8	9.6	12.7	11.8	8.4	10.1	12.0	10.1	11.1
14	73	14.3	9.0	11.7	10.8	7.8	9.3	11.7	10.0	10.9
15	74	17.5	9.0	13.3	12.8	8.0	10.4	12.6	10.0	11.3
16	75	14.8	9.7	12.3	11.2	9.0	10.1	12.0	10.9	11.5
17	76	12.3	9.9	11.1	10.0	9.0	9.5	11.2	10.4	10.8
18	77	12.4	10.8	11.6	10.0	8.8	9.4	11.0	10.3	10.7
19	78	14.8	10.0	12.4	11.4	9.0	10.2	12.0	11.0	11.5
20	79	19.2	10.0	14.6	14.4	9.0	11.7	14.0	10.9	12.5
21	80	19.0	13.1	16.1	15.0	12.0	13.5	14.9	13.0	14.0
22	81	15.9	13.1	14.5	13.6	12.0	12.8	14.0	13.0	13.5
23	82	18.2	13.2	15.7	14.0	12.0	13.0	14.2	13.0	13.6
24	83	17.0	13.2	15.1	14.0	12.2	13.1	14.6	13.3	14.0
25	84	21.3	16.7	19.0	17.0	13.1	15.1	16.4	13.7	15.1
26	85	23.0	14.2	18.6	18.2	13.4	15.8	17.4	14.8	16.1
27	86	23.8	14.3	19.1	19.0	13.8	16.4	18.0	15.1	16.6
28	87	24.0	14.4	19.2	19.3	14.1	16.7	18.6	15.7	17.2
29	88	22.8	16.1	19.5	18.8	15.6	17.2	18.2	16.6	17.4
30	89	25.0	15.8	20.4	20.3	15.3	17.8	19.3	16.5	17.9
31	90	22.8	15.1	19.0	18.8	15.2	17.0	18.3	16.7	17.5
Mean		16.9	10.7	13.8	13.1	9.9	11.5	13.4	11.6	12.6
Abs. Max.		25.0	16.7	20.4	20.3	15.6	17.8	19.3	16.7	17.9
Abs. Min.		11.2	5.0	8.7	8.1	4.8	6.5	9.5	7.9	8.7

**GHRERIFE - DAILY SOIL TEMPERATURE
APRIL 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	91	22.8	15.8	19.3	18.7	15.0	16.9	18.0	16.2	17.1
2	92	20.9	16.6	18.8	17.9	15.8	16.9	17.9	16.7	17.3
3	93	21.1	15.9	18.5	18.0	15.3	16.7	17.8	16.4	17.1
4	94	20.6	15.1	17.9	17.0	14.8	15.9	17.0	16.0	16.5
5	95	21.0	14.0	17.5	17.0	14.0	15.5	16.8	15.0	15.9
6	96	22.0	14.8	18.4	17.9	14.1	16.0	17.3	15.4	16.4
7	97	23.5	13.5	18.5	18.9	13.5	16.2	18.2	15.0	16.6
8	98	19.9	15.4	17.7	17.0	14.9	16.0	17.7	16.2	17.0
9	99	16.5	12.6	14.6	14.8	12.3	13.6	16.0	14.5	15.3
10	100	15.4	12.2	13.8	13.0	11.7	12.4	14.7	13.6	14.2
11	101	17.0	12.2	14.6	13.8	11.1	12.5	14.5	13.1	13.8
12	102	20.3	10.5	15.4	15.2	10.3	12.8	15.0	12.6	13.8
13	103	22.6	12.0	17.3	17.1	11.8	14.5	16.5	13.4	15.0
14	104	24.0	14.8	19.4	19.2	13.8	16.5	18.1	15.0	16.6
15	105	21.4	17.3	19.4	20.0	16.0	18.0	21.0	20.2	20.6
16	106	20.9	14.7	17.8	19.7	14.4	17.1	20.9	19.2	20.1
17	107	21.0	13.1	17.1	19.6	13.1	16.4	20.3	18.8	19.6
18	108	24.2	12.1	18.2	22.0	12.2	17.1	21.0	18.3	19.7
19	109	25.5	14.0	19.8	23.3	14.0	18.7	21.8	19.2	20.5
20	110	24.4	16.8	20.6	22.9	16.7	19.8	22.0	20.4	21.2
21	111	25.8	16.5	21.2	23.7	16.3	20.0	22.7	20.8	21.8
22	112	27.0	14.8	20.9	24.6	15.1	19.9	23.0	21.0	22.0
23	113	26.0	17.0	21.5	24.0	17.0	20.5	23.0	21.1	22.1
24	114	28.0	18.0	23.0	25.9	18.0	22.0	24.0	21.8	22.9
25	115	27.0	17.7	22.4	25.0	17.7	21.4	23.8	22.0	22.9
26	116	27.4	16.5	22.0	25.1	16.8	21.0	23.8	21.8	22.8
27	117	28.6	16.1	22.4	26.0	16.5	21.3	24.0	21.7	22.9
28	118	28.2	16.0	22.1	26.0	16.4	21.2	24.2	21.8	23.0
29	119	27.5	18.0	22.8	26.1	18.2	22.2	24.8	22.8	23.8
30	120	27.9	21.2	24.6	26.2	21.1	23.7	24.9	23.8	24.4
Mean		23.3	15.2	19.2	20.5	14.9	17.8	20.0	18.1	19.1
Abs. Max.		28.6	21.2	24.6	26.2	21.1	23.7	24.9	23.8	24.4
Abs. Min.		15.4	10.5	13.8	13.0	10.3	12.4	14.5	12.6	13.8

**GHRERIFE - DAILY SOIL TEMPERATURE
MAY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	121	23.8	18.0	20.9	23.4	17.2	20.3	24.7	22.1	23.4
2	122	23.9	13.2	18.6	22.1	13.8	18.0	22.5	20.0	21.3
3	123	26.0	14.0	20.0	24.0	14.3	19.2	23.0	20.2	21.6
4	124	27.9	15.2	21.6	25.8	15.8	20.8	24.0	21.1	22.6
5	125	29.9	16.6	23.3	27.8	17.0	22.4	25.0	22.0	23.5
6	126	30.4	18.8	24.6	28.3	19.3	23.8	25.0	23.7	24.4
7	127	30.4	18.8	24.6	28.4	19.2	23.8	26.0	23.7	24.9
8	128	30.3	20.7	25.5	28.2	20.6	24.4	26.0	24.1	25.1
9	129	29.0	19.6	24.3	27.0	19.5	23.3	25.4	23.9	24.7
10	130	29.8	18.0	23.9	27.3	18.1	22.7	25.9	23.3	24.6
11	131	29.9	20.0	25.0	27.6	19.9	23.8	25.9	24.0	25.0
12	132	29.9	20.8	25.4	27.8	20.6	24.2	26.0	24.5	25.3
13	133	29.9	22.5	26.2	28.0	22.8	25.4	26.5	25.0	25.8
14	134	30.2	19.4	24.8	28.3	19.8	24.1	26.5	24.2	25.4
15	135	25.3	21.2	23.3	24.3	21.3	22.8	26.5	25.0	25.8
16	136	25.1	20.0	22.6	24.0	19.9	22.0	25.0	24.0	24.5
17	137	27.0	17.1	22.0	25.3	17.6	21.5	25.0	23.0	24.0
18	138	29.2	17.8	23.5	27.3	18.0	22.7	25.8	23.2	24.5
19	139	30.8	18.2	24.5	29.0	18.8	23.9	26.6	23.8	25.2
20	140	32.0	21.0	26.5	30.0	21.3	25.7	27.7	25.5	26.6
21	141	26.0	21.0	23.5	24.8	21.0	22.9	27.5	25.1	26.3
22	142	23.0	17.8	20.4	22.0	17.5	19.8	25.4	23.2	24.3
23	143	26.0	15.0	20.5	24.2	15.0	19.6	24.2	22.0	23.1
24	144	28.9	16.1	22.5	26.9	16.2	21.6	25.2	22.3	23.8
25	145	30.8	18.8	24.8	28.9	18.9	23.9	26.5	23.8	25.1
26	146	30.1	20.0	25.1	28.7	20.2	24.5	26.8	24.7	25.8
27	147	27.5	19.7	23.6	26.0	20.0	23.0	26.5	24.8	25.7
28	148	27.0	17.5	22.3	25.2	17.8	21.5	25.8	23.2	24.5
29	149	22.9	17.2	20.1	21.7	17.4	19.6	25.0	23.0	24.0
30	150	25.7	16.1	20.9	24.0	16.0	20.0	24.0	22.0	23.0
31	151	27.8	17.0	22.4	26.0	17.0	21.5	24.9	22.5	23.7
Mean		27.9	18.3	23.1	26.2	18.4	22.3	25.5	23.3	24.4
Abs.Max.		32.0	22.5	26.5	30.0	22.8	25.7	27.7	25.5	26.6
Abs.Min.		22.9	13.2	18.6	21.7	13.8	18.0	22.5	20.0	21.3

**GHRERIFE - DAILY SOIL TEMPERATURE
JUNE 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	152	29.0	17.6	23.3	27.0	17.8	22.4	25.3	23.0	24.2
2	153	28.7	18.2	23.5	26.8	18.6	22.7	25.4	23.2	24.4
3	154	31.0	19.0	25.0	29.0	18.9	24.0	26.9	24.2	25.6
4	155	31.0	20.4	25.7	29.0	20.7	24.9	27.0	25.0	26.0
5	156	31.8	22.0	26.9	29.8	22.0	25.9	27.6	25.7	26.7
6	157	32.0	22.9	27.5	30.0	22.8	26.4	27.9	26.0	27.0
7	158	32.0	22.5	27.3	29.9	22.4	26.2	28.0	26.1	27.1
8	159	33.8	22.0	27.9	31.5	22.1	26.8	28.6	26.1	27.4
9	160	34.7	22.7	28.7	32.2	23.0	27.6	29.1	27.0	28.1
10	161	32.1	22.7	27.4	30.1	23.0	26.6	29.0	27.3	28.2
11	162	31.3	23.0	27.2	29.2	23.0	26.1	28.7	27.0	27.9
12	163	34.0	22.8	28.4	31.5	22.9	27.2	29.0	27.0	28.0
13	164	35.2	23.8	29.5	32.8	23.8	28.3	29.8	27.5	28.7
14	165	36.0	24.3	30.2	33.3	24.6	29.0	30.1	28.0	29.1
15	166	36.1	25.0	30.6	33.7	25.1	29.4	30.4	28.4	29.4
16	167	36.6	25.0	30.8	34.1	25.1	29.6	31.0	28.8	29.9
17	168	37.9	25.7	31.8	35.4	25.8	30.6	31.7	29.3	30.5
18	169	38.0	26.3	32.2	35.5	26.5	31.0	32.0	29.8	30.9
19	170	38.3	26.8	32.6	35.9	27.0	31.5	32.0	30.1	31.1
20	171	38.1	26.9	32.5	35.6	26.9	31.3	32.0	30.1	31.1
21	172	37.4	26.7	32.1	35.0	27.0	31.0	32.0	30.0	31.0
22	173	37.3	26.5	31.9	34.9	26.8	30.9	31.8	30.0	30.9
23	174	39.4	27.0	33.2	36.5	27.0	31.8	32.3	30.0	31.2
24	175	40.6	27.8	34.2	m	28.0	m	33.0	31.0	32.0
25	176	38.0	28.1	33.1	35.4	28.2	31.8	33.0	31.1	32.1
26	177	36.0	27.2	31.6	33.9	27.3	30.6	32.3	30.6	31.5
27	178	35.8	26.0	30.9	33.2	26.2	29.7	31.7	30.0	30.9
28	179	36.9	25.8	31.4	m	26.0	m	31.4	29.8	30.6
29	180	38.0	26.1	32.1	m	26.3	m	31.8	30.0	30.9
30	181	38.3	26.7	32.5	35.3	26.7	31.0	32.0	30.1	31.1
Mean		35.2	24.2	29.7	(32.5)	24.4	(28.3)	30.1	28.1	29.1
Abs.Max.		40.6	28.1	34.2	(36.5)	28.2	(31.8)	33.0	31.1	32.1
Abs.Min.		28.7	17.6	23.3	(26.8)	17.8	(22.4)	25.3	23.0	24.2

**GHRERIFE - DAILY SOIL TEMPERATURE
JULY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	182	37.8	27.0	32.4	34.0	m	m	32.0	30.8	31.4
2	183	37.0	28.0	32.5	33.5	27.0	30.3	31.7	30.1	30.9
3	184	37.2	26.2	31.7	33.6	25.6	29.6	31.3	29.9	30.6
4	185	37.2	25.5	31.4	33.7	25.0	29.4	31.2	29.6	30.4
5	186	35.6	25.0	30.3	32.0	24.8	28.4	31.1	29.2	30.2
6	187	36.0	26.0	31.0	32.2	25.2	28.7	30.7	29.2	30.0
7	188	35.0	25.0	30.0	31.6	24.4	28.0	30.6	29.0	29.8
8	189	36.6	25.8	31.2	33.0	25.0	29.0	30.5	29.1	29.8
9	190	36.0	26.4	31.2	32.8	25.8	29.3	30.5	29.0	29.8
10	191	37.0	26.0	31.5	33.5	25.3	29.4	30.9	29.1	30.0
11	192	39.0	26.0	32.5	35.0	25.7	30.4	31.4	29.3	30.4
12	193	41.0	26.6	33.8	36.7	26.2	31.5	32.1	29.9	31.0
13	194	39.0	27.5	33.3	35.2	27.0	31.1	32.0	30.2	31.1
14	195	40.0	27.4	33.7	36.0	27.0	31.5	32.1	30.3	31.2
15	196	38.0	27.5	32.8	34.1	27.1	30.6	32.0	30.0	31.0
16	197	38.7	27.0	32.9	34.3	26.3	30.3	31.0	29.3	30.2
17	198	39.2	26.3	32.8	34.8	25.9	30.4	31.0	29.2	30.1
18	199	38.7	27.3	33.0	34.0	26.5	30.3	31.0	29.5	30.3
19	200	37.9	27.0	32.5	33.7	26.3	30.0	30.9	29.2	30.1
20	201	42.0	27.1	34.6	37.0	26.4	31.7	31.9	29.3	30.6
21	202	39.9	29.0	34.5	35.4	28.0	31.7	31.8	30.2	31.0
22	203	39.8	29.0	34.4	35.3	28.0	31.7	32.0	30.4	31.2
23	204	40.1	29.0	34.6	35.9	28.1	32.0	32.0	30.4	31.2
24	205	39.8	29.0	34.4	35.4	28.0	31.7	32.0	30.4	31.2
25	206	38.8	28.2	33.5	34.8	27.6	31.2	32.0	30.2	31.1
26	207	38.0	28.6	33.3	34.0	27.5	30.8	31.8	30.0	30.9
27	208	40.0	28.2	34.1	35.6	27.5	31.6	31.6	30.0	30.8
28	209	40.0	28.0	34.0	35.7	27.2	31.5	32.0	30.2	31.1
29	210	39.0	27.0	33.0	34.9	27.7	31.3	32.0	30.1	31.1
30	211	37.0	27.5	32.3	33.0	27.0	30.0	31.2	30.0	30.6
31	212	36.2	25.2	30.7	32.3	25.0	28.7	30.7	29.0	29.9
Mean		38.3	27.1	32.7	34.3	(26.5)	(30.4)	31.5	29.7	30.6
Abs.Max.		42.0	29.0	34.6	37.0	(28.1)	(32.0)	32.1	30.8	31.4
Abs.Min.		35.0	25.0	30.0	31.6	(24.4)	(28.0)	30.5	29.0	29.8

**GHRERIFE - DAILY SOIL TEMPERATURE
AUGUST 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	213	38.9	26.0	32.5	34.0	25.3	29.7	31.0	29.0	30.0
2	214	40.9	27.1	34.0	35.8	26.3	31.1	31.5	29.6	30.6
3	215	40.9	27.0	33.5	35.1	26.5	30.8	31.6	30.0	30.8
4	216	38.0	27.3	32.7	34.0	26.9	30.5	31.1	30.0	30.6
5	217	38.1	27.9	33.0	34.0	27.0	30.5	31.0	30.0	30.5
6	218	40.1	28.1	34.1	35.3	27.2	31.3	31.5	29.8	30.7
7	219	41.8	28.2	35.0	36.6	27.5	32.1	32.0	30.1	31.1
8	220	43.3	28.5	35.9	37.9	27.8	32.9	32.7	30.7	31.7
9	221	41.7	27.9	34.8	36.7	27.3	32.0	32.3	30.7	31.5
10	222	39.7	28.9	34.3	35.1	28.0	31.6	32.1	30.7	31.4
11	223	39.8	27.0	33.4	35.0	26.6	30.8	31.7	30.0	30.9
12	224	40.0	28.0	34.0	m	m	m	32.2	30.3	31.3
13	225	41.1	29.7	35.4	m	m	m	32.8	30.9	31.9
14	226	39.7	29.8	34.8	m	m	m	33.0	31.1	32.1
15	227	38.6	30.0	34.3	m	m	m	32.8	31.0	31.9
16	228	38.8	29.9	34.4	m	m	m	32.3	31.0	31.7
17	229	37.9	29.0	33.5	m	m	m	32.2	30.7	31.5
18	230	37.4	29.0	33.2	m	m	m	32.0	30.4	31.2
19	231	38.0	28.2	33.1	m	m	m	31.8	30.3	31.1
20	232	38.0	27.7	32.9	m	m	m	31.9	30.0	31.0
21	233	38.9	28.5	33.7	m	m	m	32.0	30.2	31.1
22	234	38.0	28.1	33.1	m	m	m	32.0	30.2	31.1
23	235	37.9	27.7	32.8	m	m	m	32.0	31.0	31.5
24	236	38.3	27.8	33.1	m	m	m	31.8	30.0	30.9
25	237	38.0	28.1	33.1	m	m	m	31.9	30.1	31.0
26	238	37.2	26.3	31.8	m	m	m	31.9	30.0	31.0
27	239	37.3	26.0	31.7	m	m	m	31.2	29.4	30.3
28	240	36.2	26.0	31.1	m	m	m	31.0	29.2	30.1
29	241	35.2	25.5	30.4	31.8	m	m	31.8	29.0	30.4
30	242	34.3	27.2	30.8	30.2	27.6	28.9	31.0	29.5	30.3
31	243	34.3	26.5	30.4	30.0	27.0	28.5	30.2	29.0	29.6
Mean		38.7	27.8	33.3	(34.4)	(27.0)	(30.8)	31.8	30.1	31.0
Abs. Max.		43.3	30.0	35.9	(37.9)	(28.0)	(32.9)	33.0	31.1	32.1
Abs. Min.		34.3	25.5	30.4	(30.0)	(25.3)	(28.5)	30.2	29.0	29.6

BOUEIDAR

(SYRIA)

1990-1991 Season

Latitude	Longitude	Elevation
35°40'N	37°10'E	270 m

In other ICARDA publications, the name of this site is frequently spelled "Bouider". For the meteorological report, we maintain the previously introduced form "Boueidar" for consistency with other volumes in this series.

**Total monthly precipitation (mm), mean maximum and minimum air temperature (°C)
from 1985-86 to 1990-91 season at BOUEIDAR**

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Mean/ Total
Precipitation													
1985-86	m	(5.6)	3.8	38.0	55.0	39.0	20.2	21.8	18.6	1.0	0.0	0.0	(203)
1986-87	0.0	10.8	23.8	27.2	48.3	24.4	27.8	11.7	2.2	0.0	0.0	0.0	176
1987-88	0.6	69.9	37.2	44.6	80.2	77.8	41.0	25.4	5.2	3.8	0.0	0.0	386
1988-89	0.0	20.6	56.6	74.2	5.5	0.4	25.7	1.0	2.4	2.6	0.0	0.0	189
1989-90	0.0	34.7	12.0	31.4	24.4	33.8	8.0	4.8	1.4	0.0	0.0	0.0	151
1990-91	0.0	4.4	15.8	21.4	52.0	18.8	61.8	22.6	16.6	0.0	0.0	0.0	213
Mean	0.1	28.0	24.8	39.4	44.2	32.3	30.7	14.5	7.7	1.2	0.0	0.0	223
Maximum Temperature													
1985-86	m	(17.3)	(19.4)	13.3	(11.9)	15.4	19.5	26.3	26.5	34.8	39.0	39.3	(25.0)
1986-87	36.6	28.3	16.4	12.9	12.6	16.0	14.5	23.5	30.7	34.9	39.4	38.4	25.1
1987-88	35.0	27.1	18.0	12.2	10.1	11.2	13.5	21.6	31.2	35.7	38.4	36.9	24.2
1988-89	33.9	25.4	14.0	8.5	7.8	12.1	17.7	28.9	32.3	35.0	38.7	37.4	24.3
1989-90	(33.6)	26.0	18.7	10.8	9.1	13.5	20.0	24.9	31.0	35.1	(37.3)	(36.4)	(24.0)
1990-91	33.4	28.4	21.1	14.0	10.5	13.0	18.5	26.1	26.1	35.3	36.0	36.1	24.9
Mean	34.7	27.0	17.6	11.9	10.0	13.5	17.2	25.2	29.6	35.1	38.3	37.6	24.8
Minimum Temperature													
1985-86	m	(0.5)	(3.5)	0.6	(5.6)	3.1	3.1	7.7	9.7	15.8	17.1	18.5	(8.5)
1986-87	18.2	11.7	1.7	-1.1	3.3	4.2	1.6	6.3	10.5	13.9	18.4	18.1	8.9
1987-88	13.7	10.9	4.2	4.4	2.3	3.4	4.6	7.7	11.1	16.2	19.1	13.9	9.3
1988-89	14.5	11.6	4.7	1.5	-2.9	-2.1	5.2	9.4	10.9	14.5	17.1	16.5	8.4
1989-90	(13.1)	10.3	5.4	2.5	-2.1	1.2	1.6	7.2	11.2	15.6	(17.6)	(15.4)	(7.7)
1990-91	12.7	9.7	4.9	0.7	0.9	1.3	6.5	9.4	9.0	14.0	16.3	16.2	8.5
Mean	14.7	10.8	4.1	1.4	0.3	1.8	3.7	7.9	10.4	15.0	17.6	16.6	8.7

**FROST EVENTS AT BOUEIDAR
FROM 1985-86 TO 1990-91 SEASON**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Total
1985-1986 Season								
Number of frost days	4	5	16	(.)	3	4	.	(32)
Absolute Minimum	-3.4	-1.0	-6.0		-0.9	-2.2		(-6.0)
1986-1987 Season								
Number of frost days	.	18	17	8	3	11	.	57
Absolute Minimum		-4.0	-8.0	-2.0	-0.6	-5.6		-8.0
1987-1988 Season								
Number of frost days	.	1	6	9	4	2	2	24
Absolute Minimum		-1.0	-11.5	-2.6	-1.9	-1.8	-0.4	-11.5
1988-1989 Season								
Number of frost days	.	3	10	26	19	1	.	59
Absolute Minimum		-6.3	-3.9	-7.9	-10.0	-1.3		-10.0
1989-1990 Season								
Number of frost days	.	5	7	22	15	11	1	61
Absolute Minimum		-6.2	-9.5	-7.7	-5.5	-7.4	-0.7	-9.5
1990-1991 Season								
Number of frost days	.	2	14	12	12	2	.	42
Absolute Minimum		-1.4	-5.5	-4.5	-5.0	-4.4		-5.5

BOUEIDAR 1990/91
Air Temperature

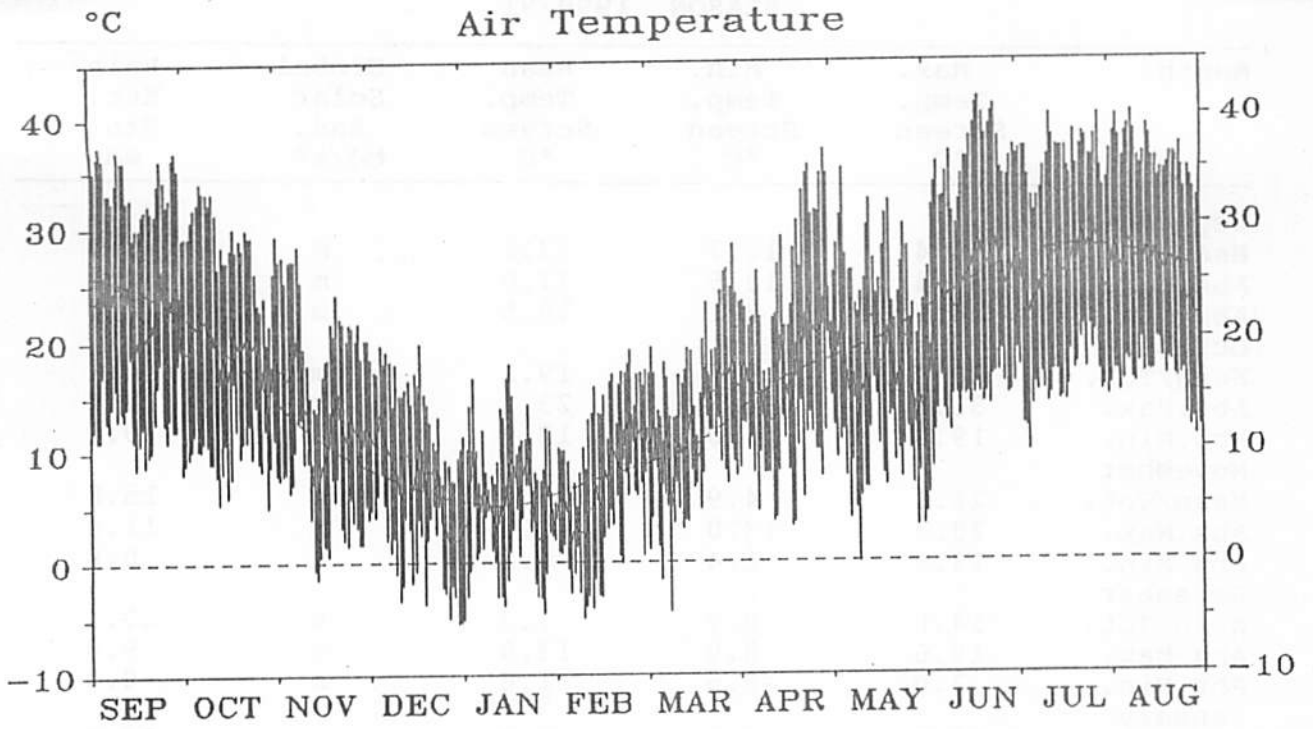


Figure 13: Daily maximum and minimum air temperature (vertical bars) and daily mean air temperature during 1990/91 (thin solid line) compared to the long term average (broken line).

BOUEIDAR 1990/91
Cumulative Rainfall

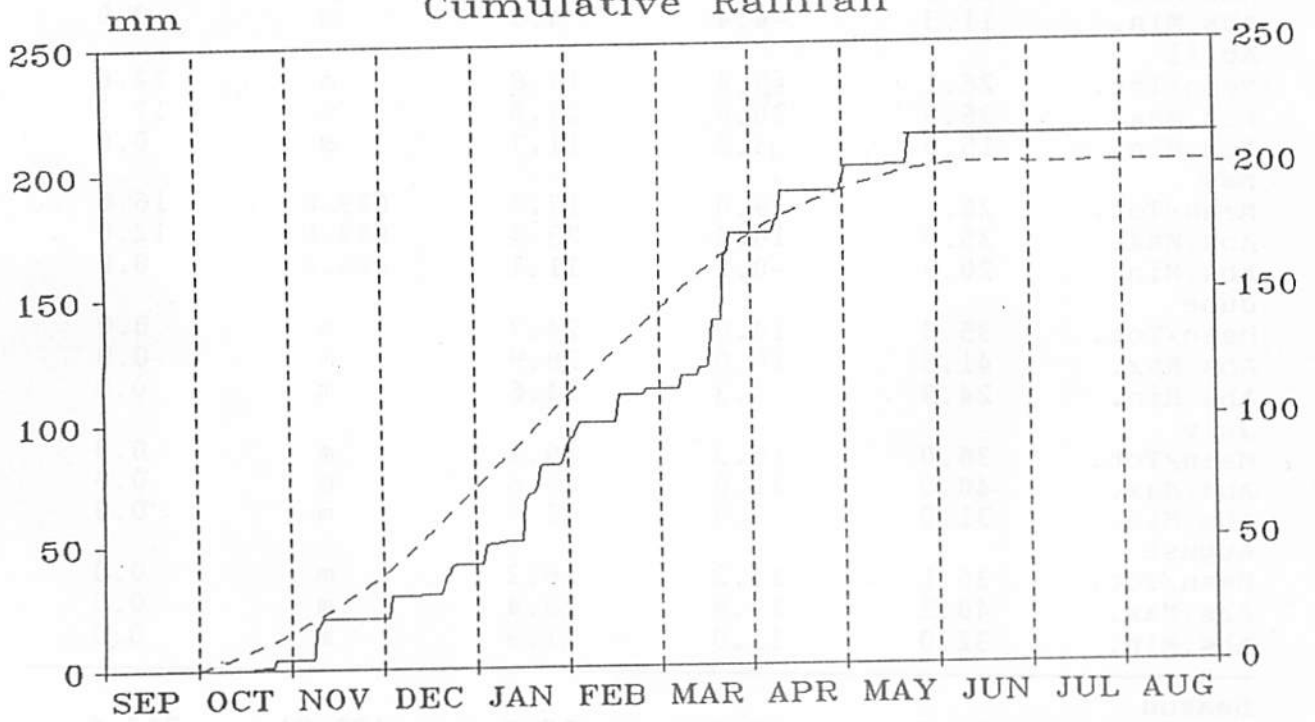


Figure 14: Cumulative daily rainfall 1990/91 compared to the long term average (broken line).

BOUEIDAR - MONTHLY SUMMARY OF CLIMATIC DATA I
SEASON 1990/91

Month	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m²	Rain Met. Stn. mm
September					
Mean/Tot.	33.4	12.7	23.1	m	0.0
Abs.Max.	37.4	18.6	27.0	m	0.0
Abs.Min.	28.9	8.1	18.5	m	0.0
October					
Mean/Tot.	28.4	9.7	19.1	m	4.4
Abs.Max.	33.9	16.3	23.1	m	3.4
Abs.Min.	19.8	5.0	12.4	m	0.0
November					
Mean/Tot.	21.1	4.9	13.0	m	15.8
Abs.Max.	28.3	13.0	20.5	m	11.6
Abs.Min.	13.6	-1.4	6.1	m	0.0
December					
Mean/Tot.	14.0	0.7	7.3	m	21.4
Abs.Max.	19.6	8.0	13.8	m	9.0
Abs.Min.	7.0	-5.5	1.8	m	0.0
January					
Mean/Tot.	10.5	0.9	5.7	m	52.0
Abs.Max.	17.8	6.9	10.8	m	16.0
Abs.Min.	4.8	-4.5	1.9	m	0.0
February					
Mean/Tot.	13.0	1.3	7.1	m	18.8
Abs.Max.	19.1	8.8	13.9	m	11.0
Abs.Min.	5.0	-5.0	1.8	m	0.0
March					
Mean/Tot.	18.5	6.5	12.5	m	61.8
Abs.Max.	28.3	13.0	18.6	m	25.4
Abs.Min.	11.3	-4.4	4.3	m	0.0
April					
Mean/Tot.	26.1	9.4	17.8	m	22.6
Abs.Max.	36.9	20.6	27.5	m	11.2
Abs.Min.	15.5	3.2	11.7	m	0.0
May					
Mean/Tot.	26.1	9.0	17.5	(29.8)	16.6
Abs.Max.	35.0	16.4	23.4	(33.0)	12.0
Abs.Min.	20.3	-0.1	11.1	(23.8)	0.0
June					
Mean/Tot.	35.3	14.0	24.7	m	0.0
Abs.Max.	41.6	19.0	28.9	m	0.0
Abs.Min.	24.9	4.3	14.6	m	0.0
July					
Mean/Tot.	36.0	16.3	26.1	m	0.0
Abs.Max.	40.0	21.0	29.6	m	0.0
Abs.Min.	31.0	9.8	22.0	m	0.0
August					
Mean/Tot.	36.1	16.2	26.2	m	0.0
Abs.Max.	40.2	19.9	28.4	m	0.0
Abs.Min.	32.0	11.0	21.9	m	0.0
Season					
Mean/Tot.	24.9	8.5	16.7	(29.8)	213.4
Abs.Max.	41.6	21.0	29.6	(33.0)	25.4
Abs.Min.	4.8	-5.5	1.8	(23.8)	0.0

**BOUEIDAR - MONTHLY SUMMARY OF CLIMATIC DATA II
SEASON 1990/91**

Month	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
September					
Mean	75.2	26.7	51.0	204.9	11.1
Abs.Max.	90.2	36.5	62.5	441.0	14.9
Abs.Min.	42.5	15.8	29.2	64.7	6.7
October					
Mean	75.7	31.9	53.8	153.8	7.3
Abs.Max.	100.0	55.0	77.5	398.4	10.9
Abs.Min.	40.5	21.6	32.8	64.0	2.0
November					
Mean	92.4	35.7	64.0	121.8	3.8
Abs.Max.	100.0	57.0	78.5	385.7	8.1
Abs.Min.	56.0	23.0	41.0	40.8	1.8
December					
Mean	96.5	44.5	70.5	102.6	1.9
Abs.Max.	100.0	82.0	91.0	286.5	4.0
Abs.Min.	83.0	27.4	59.9	26.5	0.9
January					
Mean	99.2	59.2	79.2	124.6	1.1
Abs.Max.	100.0	99.8	99.8	335.6	3.0
Abs.Min.	82.5	22.5	59.8	42.1	0.3
February					
Mean	96.4	39.4	67.9	162.8	2.5
Abs.Max.	100.0	72.8	86.4	514.8	7.0
Abs.Min.	64.0	13.2	39.1	24.6	0.9
March					
Mean	97.4	40.1	68.7	187.0	4.0
Abs.Max.	100.0	88.2	94.1	445.7	9.1
Abs.Min.	69.8	12.9	50.7	42.5	0.8
April					
Mean	83.4	30.5	57.0	219.4	7.5
Abs.Max.	100.0	77.0	88.5	427.4	11.4
Abs.Min.	45.0	4.0	28.8	75.8	3.6
May					
Mean	94.8	37.1	66.0	256.0	10.9
Abs.Max.	100.0	78.2	89.1	627.5	18.5
Abs.Min.	60.0	12.8	38.5	103.0	4.7
June					
Mean	66.9	24.3	45.6	260.6	15.0
Abs.Max.	100.0	41.2	70.6	437.1	18.9
Abs.Min.	40.2	14.0	27.1	180.9	11.7
July					
Mean	76.1	32.9	54.5	(310.7)	(15.5)
Abs.Max.	96.4	45.1	70.1	(395.9)	(18.7)
Abs.Min.	45.2	20.0	33.9	(150.1)	(10.4)
August					
Mean	76.5	32.4	54.4	(254.4)	(13.5)
Abs.Max.	94.2	52.0	71.7	(311.5)	(15.6)
Abs.Min.	62.0	15.0	42.8	(202.0)	(11.7)
Season					
Mean	85.9	36.3	61.1	(190.1)	(7.3)
Abs.Max.	100.0	99.8	99.8	(627.5)	(18.9)
Abs.Min.	40.2	4.0	27.1	(24.6)	(0.3)

**BOUEIDAR - MONTHLY SUMMARY OF SOIL TEMPERATURE
SEASON 1990/91**

Month	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
September									
Mean	38.5	22.6	30.6	32.2	25.9	29.1	29.6	27.5	28.6
Abs.Max.	41.0	24.8	32.6	33.9	27.8	30.9	30.8	28.8	29.8
Abs.Min.	34.0	19.7	26.9	30.0	23.9	27.0	28.2	25.8	27.0
October									
Mean	31.7	18.8	25.3	27.0	21.7	24.4	24.9	23.0	24.0
Abs.Max.	36.9	21.2	29.0	30.2	24.0	27.1	27.8	25.5	26.7
Abs.Min.	26.8	14.7	20.8	23.1	18.3	20.7	21.3	20.0	20.7
November									
Mean	21.6	11.3	16.5	18.9	14.4	16.7	17.4	15.6	16.5
Abs.Max.	29.9	18.5	23.1	25.0	20.2	22.3	22.7	20.9	21.8
Abs.Min.	17.0	5.0	11.5	15.2	10.2	12.7	14.1	12.4	13.3
December									
Mean	15.3	6.2	10.8	12.7	9.0	10.9	11.5	10.0	10.7
Abs.Max.	20.0	11.8	15.8	16.3	12.9	14.5	14.9	13.5	14.2
Abs.Min.	7.8	0.3	5.1	6.6	2.2	4.4	6.3	5.0	5.7
January									
Mean	10.6	4.2	7.4	8.2	5.3	6.8	8.2	7.0	7.6
Abs.Max.	12.9	8.2	10.4	10.2	8.2	9.2	10.5	9.0	9.8
Abs.Min.	5.9	0.2	3.9	5.4	2.6	4.1	6.0	4.9	5.5
February									
Mean	11.4	5.0	8.2	8.6	5.7	7.2	8.3	6.9	7.6
Abs.Max.	17.2	9.3	13.1	12.9	9.8	11.0	11.7	10.0	10.7
Abs.Min.	5.6	2.0	4.4	4.4	2.8	4.0	5.0	4.1	4.8
March									
Mean	17.0	9.5	13.3	13.5	10.0	11.8	13.3	11.6	12.5
Abs.Max.	25.0	14.1	19.2	19.5	14.9	16.9	18.8	16.3	17.5
Abs.Min.	10.5	3.2	8.0	8.5	5.3	7.3	9.0	7.3	8.2
April									
Mean	(23.8)	13.6	(18.7)	19.3	15.0	17.2	19.3	17.1	18.2
Abs.Max.	(29.0)	20.0	(23.6)	23.4	19.8	21.4	23.0	21.5	22.3
Abs.Min.	(13.9)	8.0	(12.5)	13.7	10.3	13.0	15.1	13.0	14.4
May									
Mean	30.6	18.5	24.6	25.8	20.5	23.2	24.7	22.0	23.4
Abs.Max.	39.0	24.1	31.6	31.8	26.8	29.3	27.0	24.0	25.5
Abs.Min.	22.0	13.0	19.0	21.1	15.5	18.4	21.0	18.4	19.7
June									
Mean	37.9	23.5	30.7	31.4	25.4	28.4	28.3	25.8	27.1
Abs.Max.	42.4	27.1	34.5	35.0	28.8	31.7	30.8	28.4	29.4
Abs.Min.	31.5	17.3	24.7	25.9	19.8	22.9	25.0	22.3	23.7
July									
Mean	39.3	25.3	32.3	33.3	27.5	30.4	29.5	27.4	28.5
Abs.Max.	41.5	27.6	34.0	34.6	29.0	31.8	30.8	28.8	29.8
Abs.Min.	36.9	22.8	30.4	31.5	26.1	29.1	28.0	26.1	27.1
August									
Mean	38.9	25.2	32.1	33.0	27.4	30.3	29.6	27.6	28.6
Abs.Max.	41.9	26.9	34.2	34.6	28.4	31.5	30.6	28.6	29.6
Abs.Min.	36.2	22.2	29.2	30.2	25.0	27.6	27.5	25.5	26.5
Season									
Mean	(26.5)	15.4	(21.0)	22.1	17.4	19.7	20.4	18.5	19.5
Abs.Max.	(42.4)	27.6	(34.5)	35.0	29.0	31.8	30.8	28.8	29.8
Abs.Min.	(5.6)	0.2	(3.9)	4.4	2.2	4.0	5.0	4.1	4.8

BOUEIDAR - WEEKLY SUMMARY OF CLIMATIC DATA I
SEASON 1990/91

Week Starting §-8 days	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
27-Aug	36.1	13.3	24.7	m	0.0
3-Sep	34.7	13.6	24.1	m	0.0
10-Sep	32.2	12.8	22.5	m	0.0
17-Sep	32.4	12.5	22.4	m	0.0
24-Sep	33.7	12.4	23.0	m	0.0
1-Oct	31.3	10.1	20.7	m	0.0
8-Oct	30.1	8.6	19.4	m	0.0
15-Oct	28.5	10.4	19.5	m	0.4
22-Oct	24.8	10.0	17.4	m	4.0
29-Oct	26.1	8.2	17.1	m	0.0
5-Nov	22.8	9.2	16.0	m	15.8
12-Nov	16.8	1.4	9.1	m	0.0
19-Nov	21.5	4.1	12.8	m	0.0
26-Nov	19.3	3.5	11.4	m	0.0
3-Dec	17.6	3.3	10.5	m	9.0
10-Dec	15.6	0.4	8.0	m	0.4
17-Dec	13.6	2.5	8.1	m	11.0
24-Dec§	8.7	-3.9	2.4	m	1.0
1-Jan	11.1	1.1	6.1	m	8.6
8-Jan	10.5	-0.8	4.8	m	1.0
15-Jan	12.7	3.9	8.3	m	30.0
22-Jan	9.4	-1.2	4.1	m	2.0
29-Jan	7.9	0.6	4.3	m	16.2
5-Feb	9.3	-2.6	3.3	m	0.0
12-Feb	14.5	0.8	7.7	m	11.0
19-Feb	16.2	5.1	10.6	m	2.0
26-Feb	17.2	5.1	11.2	m	0.4
5-Mar	14.3	2.4	8.4	m	5.0
12-Mar	16.2	5.3	10.7	m	21.4
19-Mar	19.5	10.5	15.0	m	35.0
26-Mar	25.2	8.5	16.9	m	0.0
2-Apr	22.7	9.7	16.2	m	5.2
9-Apr	21.3	7.5	14.4	m	11.2
16-Apr	26.1	8.1	17.1	m	0.0
23-Apr	33.5	10.8	22.2	m	0.0
30-Apr	29.0	12.4	20.7	m	10.2
7-May	25.2	5.2	15.2	m	0.0
14-May	28.5	11.6	20.1	(30.4)	0.6
21-May	25.0	10.3	17.7	(29.6)	12.0
28-May	24.5	5.7	15.1	m	0.0
4-Jun	33.7	13.5	23.6	m	0.0
11-Jun	35.1	14.5	24.8	m	0.0
18-Jun	40.1	15.4	27.8	m	0.0
25-Jun	35.8	16.7	26.3	m	0.0
2-Jul	34.4	13.8	24.1	m	0.0
9-Jul	36.6	15.6	26.1	m	0.0
16-Jul	36.3	16.9	26.6	m	0.0
23-Jul	37.3	18.7	28.0	m	0.0
30-Jul	36.5	15.9	26.2	m	0.0
6-Aug	37.6	17.5	27.6	m	0.0
13-Aug	36.0	17.9	27.0	m	0.0
20-Aug	35.6	16.4	26.0	m	0.0
27-Aug	32.7	12.2	22.5	m	0.0

**BOUEIDAR - WEEKLY SUMMARY OF CLIMATIC DATA II
SEASON 1990/91**

Week Starting §=8 days	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
27-Aug	58.6	21.4	40.0	241.4	14.1
3-Sep	71.4	24.7	48.0	185.9	11.4
10-Sep	76.6	28.3	52.5	234.3	11.2
17-Sep	78.9	27.6	53.3	182.5	10.0
24-Sep	80.4	28.4	54.4	212.4	11.0
1-Oct	68.1	26.7	47.4	115.2	7.9
8-Oct	72.5	26.9	49.7	181.5	9.1
15-Oct	62.8	29.4	46.1	148.9	7.2
22-Oct	91.8	45.3	68.5	166.9	5.7
29-Oct	89.7	32.1	60.9	133.1	5.4
5-Nov	87.7	39.3	63.5	228.1	4.9
12-Nov	100.0	30.4	65.2	75.5	2.6
19-Nov	92.7	33.3	63.1	83.2	3.2
26-Nov	91.4	43.4	67.4	93.2	3.1
3-Dec	95.5	47.9	71.7	143.4	2.2
10-Dec	97.1	36.5	66.8	95.6	2.3
17-Dec	95.6	52.5	74.1	102.7	2.0
24-Dec§	99.6	41.8	70.7	79.1	1.2
1-Jan	99.5	68.4	83.9	101.0	0.8
8-Jan	99.8	62.2	81.0	76.3	1.0
15-Jan	99.9	64.1	82.0	151.0	1.1
22-Jan	97.1	33.2	65.2	136.6	1.7
29-Jan	99.0	62.6	80.8	221.7	1.1
5-Feb	97.8	40.4	69.1	99.3	1.7
12-Feb	97.6	35.1	66.3	131.0	2.1
19-Feb	91.4	37.3	64.4	187.1	3.7
26-Feb	99.6	34.7	67.2	184.6	3.6
5-Mar	91.6	31.5	61.6	284.5	4.4
12-Mar	97.8	45.0	71.4	182.2	3.8
19-Mar	99.5	58.7	79.1	188.9	3.7
26-Mar	93.2	25.9	59.5	99.7	4.4
2-Apr	62.1	12.8	37.4	261.2	6.9
9-Apr	75.0	21.9	48.4	236.4	5.7
16-Apr	100.0	51.9	75.9	208.5	8.1
23-Apr	98.1	34.3	66.2	167.7	9.8
30-Apr	100.0	41.5	70.7	218.0	8.4
7-May	98.3	35.0	66.6	236.0	12.0
14-May	81.1	23.3	52.2	304.0	12.0
21-May	97.6	42.2	69.9	295.7	11.4
28-May	99.7	44.7	72.2	248.4	11.6
4-Jun	70.0	24.1	47.1	291.8	15.6
11-Jun	61.7	23.4	42.6	243.2	14.0
18-Jun	54.3	18.6	36.5	227.9	15.7
25-Jun	68.8	28.0	48.4	290.4	15.4
2-Jul	74.0	29.8	51.9	324.7	14.8
9-Jul	65.8	25.9	45.9	312.5	16.9
16-Jul	83.0	37.5	60.3	(284.4)	(14.5)
23-Jul	78.9	36.3	57.7	m	m
30-Jul	78.3	34.7	56.5	m	m
6-Aug	76.9	26.5	51.7	m	m
13-Aug	71.5	34.3	52.9	m	(11.7)
20-Aug	75.8	31.2	53.5	263.2	14.2
27-Aug	88.1	41.2	64.7	242.1	12.4

**BOUEIDAR - WEEKLY SUMMARY OF SOIL TEMPERATURE
SEASON 1990/91**

Week Starting §=8 days	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
27-Aug	40.5	24.2	32.4	34.2	27.8	31.0	31.4	29.4	30.5
3-Sep	40.2	23.5	31.9	33.4	26.9	30.2	30.3	28.5	29.4
10-Sep	38.5	22.8	30.7	32.5	26.4	29.5	29.7	27.9	28.8
17-Sep	37.5	21.8	29.6	31.2	24.8	28.0	28.6	26.3	27.5
24-Sep	37.4	22.4	29.9	31.5	25.2	28.4	29.4	27.0	28.2
1-Oct	35.9	20.8	28.4	29.8	23.7	26.7	27.6	25.2	26.4
8-Oct	34.0	18.9	26.5	28.6	22.6	25.6	26.2	24.0	25.1
15-Oct	30.3	18.6	24.5	26.0	21.2	23.6	24.1	22.3	23.2
22-Oct	28.6	17.8	23.3	25.0	20.5	22.8	23.3	21.6	22.4
29-Oct	28.5	16.4	22.5	24.2	19.4	21.8	22.1	20.4	21.3
5-Nov	24.1	15.3	19.7	21.8	17.9	19.9	20.5	18.8	19.7
12-Nov	17.8	6.6	12.2	16.3	10.9	13.7	14.8	12.9	13.9
19-Nov	19.6	10.1	14.8	17.2	12.7	15.0	15.6	13.8	14.7
26-Nov	19.6	10.4	15.0	16.3	12.4	14.4	14.9	13.4	14.2
3-Dec	18.4	9.2	13.8	15.4	11.9	13.6	14.1	12.6	13.4
10-Dec	15.9	5.5	10.7	13.1	8.9	11.0	11.8	10.1	11.0
17-Dec	15.9	7.2	11.6	13.2	9.5	11.4	11.7	10.3	11.0
24-Dec	10.5	2.2	6.4	8.7	5.4	7.1	7.8	6.5	7.2
1-Jan	10.6	4.0	7.3	8.3	5.2	6.8	8.2	7.0	7.6
8-Jan	11.4	3.8	7.6	8.5	5.4	7.0	8.5	7.5	8.0
15-Jan	11.7	5.8	8.8	9.2	6.2	7.7	9.3	7.9	8.6
22-Jan	10.2	3.1	6.7	7.7	4.6	6.2	7.7	6.1	6.9
29-Jan	7.8	3.9	5.9	6.4	4.7	5.6	6.7	5.7	6.3
5-Feb	8.9	2.4	5.7	6.0	3.3	4.7	5.9	4.7	5.3
12-Feb	11.1	4.5	7.8	8.1	5.1	6.6	7.8	6.4	7.1
19-Feb	14.5	7.5	11.0	11.3	8.3	9.8	10.6	8.9	9.8
26-Feb	15.3	8.7	12.0	12.1	8.7	10.4	11.6	10.1	10.9
5-Mar	12.9	5.7	9.4	10.4	7.3	8.9	10.4	8.9	9.7
12-Mar	14.8	8.2	11.5	11.4	8.4	9.9	11.3	9.9	10.7
19-Mar	18.4	11.9	15.2	14.9	11.5	13.2	14.7	12.9	13.8
26-Mar	23.2	13.0	18.1	18.6	14.1	16.3	18.1	16.0	17.1
2-Apr	(18.9)	13.5	(16.2)	17.8	14.6	16.2	17.9	16.4	17.2
9-Apr	19.7	11.0	15.4	16.6	12.5	14.6	16.8	14.6	15.7
16-Apr	24.4	13.3	18.8	19.9	15.0	17.5	19.7	17.3	18.5
23-Apr	27.6	15.6	21.7	22.6	17.3	20.0	22.3	19.8	21.1
30-Apr	27.7	15.8	21.8	23.1	17.4	20.3	22.7	19.8	21.3
7-May	30.4	18.9	24.8	25.4	20.2	22.8	25.3	23.0	24.1
14-May	31.2	19.8	25.5	26.1	21.3	23.7	25.4	23.1	24.3
21-May	33.2	20.3	26.7	28.9	23.7	26.3	25.2	22.0	23.6
28-May	30.6	17.6	24.1	25.3	19.8	22.6	25.0	22.4	23.7
4-Jun	35.2	21.5	28.4	29.1	23.4	26.3	28.0	25.1	26.6
11-Jun	38.2	23.9	31.1	31.5	25.4	28.5	27.3	24.7	26.0
18-Jun	40.9	25.2	33.1	33.8	27.3	30.6	29.6	27.0	28.3
25-Jun	40.0	26.2	33.1	33.6	28.0	30.8	29.8	27.8	28.9
2-Jul	38.5	24.3	31.4	32.7	26.9	29.8	28.8	26.8	27.8
9-Jul	39.3	24.9	32.1	33.0	27.1	30.1	29.2	27.1	28.2
16-Jul	40.0	25.7	32.9	33.6	27.6	30.6	29.6	27.3	28.5
23-Jul	39.8	26.4	33.1	34.0	28.5	31.2	30.3	28.5	29.4
30-Jul	38.6	25.0	31.8	33.1	27.2	30.2	29.6	27.5	28.6
6-Aug	39.9	26.2	33.1	33.8	28.1	30.9	30.2	28.2	29.2
13-Aug	39.5	26.3	32.9	33.6	28.1	30.8	30.2	28.2	29.2
20-Aug	38.6	25.3	32.0	33.1	27.7	30.4	29.6	27.7	28.7
27-Aug	36.9	22.8	29.9	30.9	25.4	28.2	27.9	25.9	26.9

BOUEIDAR - DAILY CLIMATIC DATA I
SEPTEMBER 1990

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m²	Rain Met. Stn. mm
1	244	35.0	12.0	23.5	m	0.0
2	245	36.4	11.0	23.7	m	0.0
3	246	37.4	11.0	24.2	m	0.0
4	247	36.2	16.9	26.5	m	0.0
5	248	32.9	12.8	22.9	m	0.0
6	249	32.9	12.0	22.5	m	0.0
7	250	32.3	14.0	23.1	m	0.0
8	251	33.9	15.7	24.8	m	0.0
9	252	37.0	13.0	25.0	m	0.0
10	253	35.9	13.7	24.8	m	0.0
11	254	35.9	13.0	24.5	m	0.0
12	255	32.3	14.0	23.1	m	0.0
13	256	32.5	18.6	25.5	m	0.0
14	257	29.0	11.0	20.0	m	0.0
15	258	29.9	8.5	19.2	m	0.0
16	259	29.9	10.7	20.3	m	0.0
17	260	31.1	12.2	21.6	m	0.0
18	261	31.5	8.8	20.1	m	0.0
19	262	31.9	9.7	20.8	m	0.0
20	263	31.4	10.0	20.7	m	0.0
21	264	31.1	12.7	21.9	m	0.0
22	265	33.7	16.0	24.9	m	0.0
23	266	36.0	18.0	27.0	m	0.0
24	267	34.1	12.5	23.3	m	0.0
25	268	31.9	10.9	21.4	m	0.0
26	269	32.5	13.0	22.8	m	0.0
27	270	36.2	12.0	24.1	m	0.0
28	271	36.9	12.0	24.5	m	0.0
29	272	35.1	18.1	26.6	m	0.0
30	273	28.9	8.1	18.5	m	0.0
Mean or Total		33.4	12.7	23.1	m	0.0
Abs.Max.		37.4	18.6	27.0	m	0.0
Abs.Min.		28.9	8.1	18.5	m	0.0

BOUEIDAR - DAILY CLIMATIC DATA I
OCTOBER 1990

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	274	29.0	8.9	19.0	m	0.0
2	275	29.0	9.4	19.2	m	0.0
3	276	30.5	10.1	20.3	m	0.0
4	277	31.6	11.5	21.5	m	0.0
5	278	32.0	10.2	21.1	m	0.0
6	279	33.9	10.1	22.0	m	0.0
7	280	33.1	10.8	22.0	m	0.0
8	281	32.9	10.6	21.8	m	0.0
9	282	32.0	9.0	20.5	m	0.0
10	283	33.0	9.0	21.0	m	0.0
11	284	31.1	7.8	19.5	m	0.0
12	285	26.4	5.3	15.9	m	0.0
13	286	28.2	8.1	18.1	m	0.0
14	287	27.0	10.7	18.9	m	0.0
15	288	27.0	5.9	16.5	m	0.0
16	289	28.0	7.6	17.8	m	0.0
17	290	29.9	16.3	23.1	m	0.0
18	291	27.9	12.0	20.0	m	0.0
19	292	28.8	9.6	19.2	m	0.4
20	293	28.0	10.8	19.4	m	0.0
21	294	29.7	10.9	20.3	m	0.0
22	295	29.0	12.4	20.7	m	0.6
23	296	29.0	9.5	19.3	m	0.0
24	297	26.0	14.0	20.0	m	0.0
25	298	23.2	9.0	16.1	m	0.0
26	299	22.8	8.3	15.6	m	3.4
27	300	23.8	12.0	17.9	m	0.0
28	301	19.8	5.0	12.4	m	0.0
29	302	21.4	8.6	15.0	m	0.0
30	303	26.0	11.0	18.5	m	0.0
31	304	29.2	7.8	18.5	m	0.0
Mean or Total		28.4	9.7	19.1	m	4.4
Abs.Max.		33.9	16.3	23.1	m	3.4
Abs.Min.		19.8	5.0	12.4	m	0.0

BOUEIDAR - DAILY CLIMATIC DATA I
NOVEMBER 1990

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	305	27.0	7.5	17.3	m	0.0
2	306	27.3	7.8	17.5	m	0.0
3	307	25.2	8.0	16.6	m	0.0
4	308	26.9	6.4	16.6	m	0.0
5	309	27.0	7.0	17.0	m	0.0
6	310	27.0	10.0	18.5	m	0.0
7	311	28.3	12.7	20.5	m	0.0
8	312	25.2	13.0	19.1	m	11.6
9	313	19.3	9.0	14.1	m	0.8
10	314	17.8	9.0	13.4	m	3.4
11	315	14.8	4.0	9.4	m	0.0
12	316	13.9	-0.6	6.7	m	0.0
13	317	13.6	-1.4	6.1	m	0.0
14	318	15.0	0.5	7.8	m	0.0
15	319	16.8	1.5	9.1	m	0.0
16	320	18.2	1.4	9.8	m	0.0
17	321	18.3	0.6	9.4	m	0.0
18	322	21.5	7.5	14.5	m	0.0
19	323	20.4	5.5	12.9	m	0.0
20	324	24.0	7.6	15.8	m	0.0
21	325	22.0	3.1	12.6	m	0.0
22	326	21.5	2.0	11.8	m	0.0
23	327	20.0	1.5	10.8	m	0.0
24	328	21.4	5.7	13.6	m	0.0
25	329	21.2	3.6	12.4	m	0.0
26	330	20.0	3.2	11.6	m	0.0
27	331	21.5	1.7	11.6	m	0.0
28	332	18.4	1.6	10.0	m	0.0
29	333	20.0	5.0	12.5	m	0.0
30	334	20.0	4.0	12.0	m	0.0
Mean or Total		21.1	4.9	13.0	m	15.8
Abs.Max.		28.3	13.0	20.5	m	11.6
Abs.Min.		13.6	-1.4	6.1	m	0.0

BOUEIDAR - DAILY CLIMATIC DATA I
DECEMBER 1990

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	335	18.3	4.6	11.4	m	0.0
2	336	17.1	4.1	10.6	m	0.0
3	337	17.0	6.0	11.5	m	9.0
4	338	19.5	8.0	13.8	m	0.0
5	339	17.9	5.2	11.6	m	0.0
6	340	19.0	2.0	10.5	m	0.0
7	341	18.1	1.0	9.6	m	0.0
8	342	14.0	2.1	8.1	m	0.0
9	343	17.8	-1.0	8.4	m	0.0
10	344	14.9	-3.4	5.8	m	0.0
11	345	15.0	-2.0	6.5	m	0.0
12	346	15.5	4.0	9.8	m	0.0
13	347	16.3	3.0	9.6	m	0.4
14	348	14.3	-1.8	6.3	m	0.0
15	349	17.0	-0.8	8.1	m	0.0
16	350	16.0	3.8	9.9	m	0.0
17	351	19.6	2.4	11.0	m	0.0
18	352	15.1	-3.7	5.7	m	0.0
19	353	14.2	2.0	8.1	m	0.0
20	354	12.6	4.0	8.3	m	3.0
21	355	10.8	5.1	7.9	m	4.6
22	356	10.1	2.6	6.3	m	0.4
23	357	13.0	5.0	9.0	m	3.0
24	358	7.0	-2.2	2.4	m	1.0
25	359	9.1	-2.7	3.2	m	0.0
26	360	8.6	-5.0	1.8	m	0.0
27	361	7.3	-2.1	2.6	m	0.0
28	362	7.2	-3.0	2.1	m	0.0
29	363	9.3	-5.5	1.9	m	0.0
30	364	10.1	-5.3	2.4	m	0.0
31	365	11.3	-5.1	3.1	m	0.0
Mean or Total		14.0	0.7	7.3	m	21.4
Abs.Max.		19.6	8.0	13.8	m	9.0
Abs.Min.		7.0	-5.5	1.8	m	0.0

BOUEIDAR - DAILY CLIMATIC DATA I
JANUARY 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	1	10.1	-3.0	3.5	m	0.0
2	2	14.0	-0.8	6.6	m	0.0
3	3	16.6	5.0	10.8	m	8.0
4	4	10.0	0.4	5.2	m	0.0
5	5	7.2	1.0	4.1	m	0.4
6	6	11.9	1.3	6.6	m	0.0
7	7	8.1	4.1	6.1	m	0.2
8	8	6.6	4.6	5.6	m	0.4
9	9	7.7	1.1	4.4	m	0.2
10	10	7.0	0.0	3.5	m	0.4
11	11	9.0	-3.0	3.0	m	0.0
12	12	13.8	-3.0	5.4	m	0.0
13	13	13.0	-3.9	4.6	m	0.0
14	14	16.5	-1.5	7.5	m	0.0
15	15	17.8	1.0	9.4	m	0.0
16	16	15.0	2.9	8.9	m	16.0
17	17	9.7	4.8	7.3	m	3.0
18	18	10.5	0.6	5.6	m	0.0
19	19	10.9	4.0	7.4	m	1.0
20	20	11.1	6.9	9.0	m	3.0
21	21	14.1	6.9	10.5	m	7.0
22	22	11.2	2.8	7.0	m	1.0
23	23	8.0	-1.9	3.0	m	0.0
24	24	7.4	-3.0	2.2	m	0.0
25	25	7.3	-3.2	2.0	m	0.0
26	26	8.3	-4.5	1.9	m	0.0
27	27	12.0	-1.0	5.5	m	0.0
28	28	11.7	2.7	7.2	m	1.0
29	29	4.8	2.3	3.5	m	3.0
30	30	5.3	2.0	3.7	m	3.8
31	31	10.2	1.0	5.6	m	3.6
Mean or Total		10.5	0.9	5.7	m	52.0
Abs.Max.		17.8	6.9	10.8	m	16.0
Abs.Min.		4.8	-4.5	1.9	m	0.0

**BOUEIDAR - DAILY CLIMATIC DATA I
FEBRUARY 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	32	10.0	0.8	5.4	m	0.0
2	33	10.0	1.5	5.8	m	2.8
3	34	9.0	-0.6	4.2	m	3.0
4	35	6.2	-2.7	1.8	m	0.0
5	36	7.1	-1.0	3.0	m	0.0
6	37	5.0	1.3	3.2	m	0.0
7	38	8.0	-2.7	2.7	m	0.0
8	39	10.3	-5.0	2.7	m	0.0
9	40	8.3	-4.0	2.2	m	0.0
10	41	12.8	-3.0	4.9	m	0.0
11	42	13.4	-4.1	4.7	m	0.0
12	43	15.8	-1.5	7.2	m	0.0
13	44	13.4	-2.9	5.3	m	0.0
14	45	13.2	-3.0	5.1	m	0.0
15	46	14.9	2.2	8.6	m	0.0
16	47	11.0	3.0	7.0	m	11.0
17	48	16.2	4.6	10.4	m	0.0
18	49	16.9	3.4	10.1	m	0.0
19	50	12.4	5.9	9.1	m	0.4
20	51	16.0	0.6	8.3	m	0.0
21	52	17.1	-0.1	8.5	m	0.0
22	53	17.0	8.0	12.5	m	0.0
23	54	17.8	6.0	11.9	m	0.0
24	55	19.1	8.8	13.9	m	0.0
25	56	14.0	6.3	10.1	m	1.6
26	57	16.9	6.0	11.4	m	0.0
27	58	17.0	7.1	12.1	m	0.0
28	59	15.9	0.6	8.3	m	0.0
Mean or Total		13.0	1.3	7.1	m	18.8
Abs.Max.		19.1	8.8	13.9	m	11.0
Abs.Min.		5.0	-5.0	1.8	m	0.0

BOUEIDAR - DAILY CLIMATIC DATA I
MARCH 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	60	17.3	8.0	12.6	m	0.4
2	61	17.0	1.2	9.1	m	0.0
3	62	19.3	3.9	11.6	m	0.0
4	63	17.0	9.0	13.0	m	0.0
5	64	13.6	1.4	7.5	m	0.0
6	65	13.0	-1.6	5.7	m	0.0
7	66	17.9	6.0	11.9	m	0.0
8	67	16.6	5.0	10.8	m	5.0
9	68	13.0	-4.4	4.3	m	0.0
10	69	12.9	3.5	8.2	m	0.0
11	70	13.0	7.0	10.0	m	0.0
12	71	16.8	4.7	10.8	m	0.0
13	72	16.0	3.0	9.5	m	0.0
14	73	17.2	3.7	10.4	m	3.2
15	74	19.2	3.6	11.4	m	0.0
16	75	19.0	8.2	13.6	m	0.0
17	76	13.9	6.7	10.3	m	0.8
18	77	11.3	7.1	9.2	m	17.4
19	78	15.1	4.8	9.9	m	0.4
20	79	20.0	8.0	14.0	m	0.0
21	80	23.2	13.0	18.1	m	0.0
22	81	16.7	11.9	14.3	m	25.4
23	82	19.0	11.8	15.4	m	1.8
24	83	19.2	11.2	15.2	m	7.4
25	84	23.0	12.9	18.0	m	0.0
26	85	24.2	9.0	16.6	m	0.0
27	86	25.9	8.2	17.0	m	0.0
28	87	26.2	7.0	16.6	m	0.0
29	88	24.6	10.5	17.5	m	0.0
30	89	28.3	9.0	18.6	m	0.0
31	90	24.0	7.7	15.9	m	0.0
Mean or Total		18.5	6.5	12.5	m	61.8
Abs.Max.		28.3	13.0	18.6	m	25.4
Abs.Min.		11.3	-4.4	4.3	m	0.0

**BOUEIDAR - DAILY CLIMATIC DATA I
APRIL 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	91	23.2	8.4	15.8	m	0.0
2	92	23.3	12.5	17.9	m	0.0
3	93	22.8	12.4	17.6	m	0.0
4	94	21.2	10.0	15.6	m	0.0
5	95	21.8	11.0	16.4	m	0.0
6	96	21.9	8.0	14.9	m	0.0
7	97	25.9	4.5	15.2	m	0.0
8	98	22.0	9.8	15.9	m	5.2
9	99	17.0	8.0	12.5	m	0.0
10	100	15.5	7.9	11.7	m	11.2
11	101	17.3	8.0	12.6	m	0.0
12	102	21.8	3.6	12.7	m	0.0
13	103	22.2	4.0	13.1	m	0.0
14	104	26.5	8.1	17.3	m	0.0
15	105	28.9	13.0	21.0	m	0.0
16	106	21.2	11.0	16.1	m	0.0
17	107	21.2	8.2	14.7	m	0.0
18	108	23.0	3.2	13.1	m	0.0
19	109	27.9	3.5	15.7	m	0.0
20	110	30.3	10.4	20.4	m	0.0
21	111	26.3	14.4	20.4	m	0.0
22	112	32.9	5.8	19.4	m	0.0
23	113	34.6	11.6	23.1	m	0.0
24	114	35.4	13.4	24.4	m	0.0
25	115	30.9	11.6	21.3	m	0.0
26	116	31.2	10.0	20.6	m	0.0
27	117	31.1	10.0	20.5	m	0.0
28	118	34.6	7.6	21.1	m	0.0
29	119	36.9	11.7	24.3	m	0.0
30	120	34.5	20.6	27.5	m	6.2
Mean or Total		26.1	9.4	17.8	m	22.6
Abs.Max.		36.9	20.6	27.5	m	11.2
Abs.Min.		15.5	3.2	11.7	m	0.0

BOUEIDAR - DAILY CLIMATIC DATA I
MAY 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	121	21.4	14.8	18.1	m	4.0
2	122	25.8	12.2	19.0	m	0.0
3	123	28.3	9.3	18.8	m	0.0
4	124	30.8	10.8	20.8	m	0.0
5	125	35.0	11.7	23.4	m	0.0
6	126	27.3	7.6	17.5	m	0.0
7	127	25.9	3.8	14.9	m	0.0
8	128	26.0	9.0	17.5	m	0.0
9	129	23.0	4.8	13.9	m	0.0
10	130	22.3	-0.1	11.1	m	0.0
11	131	24.0	5.8	14.9	m	0.0
12	132	25.3	6.6	15.9	m	0.0
13	133	29.8	6.6	18.2	m	0.0
14	134	32.2	12.0	22.1	m	0.0
15	135	27.0	16.4	21.7	m	0.6
16	136	23.9	15.0	19.5	m	0.0
17	137	25.2	10.5	17.9	m	0.0
18	138	28.0	7.8	17.9	m	0.0
19	139	30.9	6.8	18.9	m	0.0
20	140	32.0	13.0	22.5	30.4	0.0
21	141	23.2	13.3	18.3	29.3	0.0
22	142	21.7	9.0	15.4	23.8	12.0
23	143	24.0	10.0	17.0	30.3	0.0
24	144	26.6	7.5	17.0	33.0	0.0
25	145	30.0	10.4	20.2	29.6	0.0
26	146	28.0	12.0	20.0	31.8	0.0
27	147	21.7	10.0	15.9	m	0.0
28	148	23.0	6.9	14.9	m	0.0
29	149	20.3	3.1	11.7	m	0.0
30	150	22.0	8.0	15.0	m	0.0
31	151	23.3	3.3	13.3	m	0.0
Mean or Total		26.1	9.0	17.5	(29.8)	16.6
Abs. Max.		35.0	16.4	23.4	(33.0)	12.0
Abs. Min.		20.3	-0.1	11.1	(23.8)	0.0

BOUEIDAR - DAILY CLIMATIC DATA I
JUNE 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	152	24.9	4.3	14.6	m	0.0
2	153	26.2	6.0	16.1	m	0.0
3	154	31.6	8.4	20.0	m	0.0
4	155	33.6	11.6	22.6	m	0.0
5	156	35.6	13.6	24.6	m	0.0
6	157	32.3	16.6	24.5	m	0.0
7	158	32.4	13.6	23.0	m	0.0
8	159	34.6	12.5	23.5	m	0.0
9	160	36.6	11.6	24.1	m	0.0
10	161	31.0	14.8	22.9	m	0.0
11	162	30.0	15.0	22.5	m	0.0
12	163	32.0	13.0	22.5	m	0.0
13	164	34.3	14.9	24.6	m	0.0
14	165	36.0	14.8	25.4	m	0.0
15	166	36.1	15.1	25.6	m	0.0
16	167	38.0	14.0	26.0	m	0.0
17	168	39.2	15.0	27.1	m	0.0
18	169	41.0	15.9	28.5	m	0.0
19	170	41.6	15.1	28.4	m	0.0
20	171	40.1	14.3	27.2	m	0.0
21	172	38.1	15.1	26.6	m	0.0
22	173	39.0	14.0	26.5	m	0.0
23	174	40.2	16.7	28.5	m	0.0
24	175	40.9	16.9	28.9	m	0.0
25	176	37.9	17.0	27.5	m	0.0
26	177	34.9	19.0	27.0	m	0.0
27	178	34.3	16.0	25.1	m	0.0
28	179	34.2	14.9	24.5	m	0.0
29	180	36.0	15.2	25.6	m	0.0
30	181	37.1	16.0	26.5	m	0.0
Mean or Total		35.3	14.0	24.7	m	0.0
Abs.Max.		41.6	19.0	28.9	m	0.0
Abs.Min.		24.9	4.3	14.6	m	0.0

BOUEIDAR - DAILY CLIMATIC DATA I
JULY 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	182	36.3	19.0	27.6	m	0.0
2	183	36.7	17.5	27.1	m	0.0
3	184	37.0	12.2	24.6	m	0.0
4	185	37.0	12.0	24.5	m	0.0
5	186	34.2	9.8	22.0	m	0.0
6	187	32.3	13.9	23.1	m	0.0
7	188	31.0	15.9	23.5	m	0.0
8	189	32.3	15.2	23.8	m	0.0
9	190	33.0	16.8	24.9	m	0.0
10	191	35.0	15.3	25.1	m	0.0
11	192	36.2	14.1	25.1	m	0.0
12	193	40.0	14.9	27.5	m	0.0
13	194	38.0	17.0	27.5	m	0.0
14	195	37.1	17.0	27.0	m	0.0
15	196	37.0	14.4	25.7	m	0.0
16	197	37.0	14.6	25.8	m	0.0
17	198	37.0	14.3	25.6	m	0.0
18	199	35.0	15.6	25.3	m	0.0
19	200	34.3	18.9	26.6	m	0.0
20	201	38.5	17.1	27.8	m	0.0
21	202	35.3	17.7	26.5	m	0.0
22	203	37.1	19.9	28.5	m	0.0
23	204	38.2	21.0	29.6	m	0.0
24	205	37.9	17.3	27.6	m	0.0
25	206	36.2	21.0	28.6	m	0.0
26	207	36.1	19.0	27.5	m	0.0
27	208	38.0	20.6	29.3	m	0.0
28	209	39.9	17.0	28.5	m	0.0
29	210	35.0	15.2	25.1	m	0.0
30	211	33.2	15.5	24.4	m	0.0
31	212	33.9	14.7	24.3	m	0.0
Mean or Total		36.0	16.3	26.1	m	0.0
Abs.Max.		40.0	21.0	29.6	m	0.0
Abs.Min.		31.0	9.8	22.0	m	0.0

**BOUEIDAR - DAILY CLIMATIC DATA I
AUGUST 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²	Rain Met. Stn. mm
1	213	36.6	15.8	26.2	m	0.0
2	214	38.2	17.0	27.6	m	0.0
3	215	39.8	17.0	28.4	m	0.0
4	216	37.9	15.1	26.5	m	0.0
5	217	35.9	16.1	26.0	m	0.0
6	218	38.2	18.2	28.2	m	0.0
7	219	38.9	17.8	28.4	m	0.0
8	220	40.2	16.2	28.2	m	0.0
9	221	38.4	15.9	27.1	m	0.0
10	222	35.9	17.7	26.8	m	0.0
11	223	35.3	19.9	27.6	m	0.0
12	224	36.4	16.8	26.6	m	0.0
13	225	38.9	17.0	28.0	m	0.0
14	226	38.0	16.9	27.5	m	0.0
15	227	35.9	17.0	26.5	m	0.0
16	228	35.9	19.9	27.9	m	0.0
17	229	34.0	19.8	26.9	m	0.0
18	230	34.8	18.2	26.5	m	0.0
19	231	34.7	16.6	25.6	m	0.0
20	232	35.2	18.0	26.6	m	0.0
21	233	36.3	17.8	27.0	m	0.0
22	234	36.3	16.6	26.5	m	0.0
23	235	36.0	16.3	26.1	m	0.0
24	236	37.2	16.5	26.9	m	0.0
25	237	35.0	17.0	26.0	m	0.0
26	238	33.0	12.9	23.0	m	0.0
27	239	34.9	11.8	23.4	m	0.0
28	240	34.0	12.5	23.3	m	0.0
29	241	32.9	11.0	22.0	m	0.0
30	242	32.2	11.8	22.0	m	0.0
31	243	32.0	11.7	21.9	m	0.0
Mean or Total		36.1	16.2	26.2	m	0.0
Abs.Max.		40.2	19.9	28.4	m	0.0
Abs.Min.		32.0	11.0	21.9	m	0.0

**BOUEIDAR - DAILY CLIMATIC DATA II
SEPTEMBER 1990**

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	244	55.0	21.0	38.0	262.6	14.9
2	245	51.0	17.0	34.0	179.6	12.7
3	246	42.5	15.8	29.2	161.1	12.5
4	247	70.8	18.0	44.4	214.4	12.9
5	248	75.2	34.8	55.0	226.2	11.4
6	249	69.0	26.0	47.5	190.7	11.3
7	250	90.0	30.6	60.3	177.6	10.1
8	251	82.0	27.8	54.9	102.9	8.7
9	252	70.0	20.0	45.0	228.1	12.6
10	253	73.0	29.0	51.0	235.7	13.2
11	254	81.0	21.0	51.0	189.3	10.5
12	255	88.5	30.3	59.4	207.9	10.8
13	256	85.0	32.0	58.5	441.0	14.7
14	257	77.0	34.0	55.5	279.0	11.4
15	258	70.0	30.2	50.1	183.0	9.9
16	259	62.0	21.8	41.9	104.3	7.9
17	260	71.0	25.5	48.3	229.4	11.2
18	261	71.0	24.8	47.9	219.2	11.4
19	262	85.0	29.8	57.4	246.3	11.4
20	263	78.8	27.3	53.1	160.9	10.0
21	264	77.5	32.8	55.2	78.2	6.7
22	265	84.4	30.0	57.2	158.2	9.6
23	266	84.6	22.8	53.7	185.3	9.4
24	267	86.8	33.0	59.9	191.9	10.7
25	268	90.2	34.7	62.5	259.3	12.2
26	269	80.0	36.5	58.3	110.3	7.6
27	270	72.4	20.8	46.6	64.7	7.9
28	271	60.0	18.8	39.4	159.2	11.0
29	272	88.2	23.8	56.0	319.5	13.3
30	273	85.0	31.2	58.1	381.8	14.0
Mean		75.2	26.7	51.0	204.9	11.1
Abs.Max.		90.2	36.5	62.5	441.0	14.9
Abs.Min.		42.5	15.8	29.2	64.7	6.7

BOUEIDAR - DAILY CLIMATIC DATA II
OCTOBER 1990

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	274	72.8	31.8	52.3	210.2	10.2
2	275	82.6	32.4	57.5	130.2	7.3
3	276	73.8	23.6	48.7	89.7	7.0
4	277	67.8	28.0	47.9	91.0	6.7
5	278	60.4	27.5	44.0	72.0	7.9
6	279	43.6	22.0	32.8	77.4	8.0
7	280	75.8	21.6	48.7	135.9	8.5
8	281	71.0	23.0	47.0	84.9	8.0
9	282	70.8	30.0	50.4	187.6	8.7
10	283	59.8	24.0	41.9	171.8	10.9
11	284	91.5	31.0	61.3	199.3	8.9
12	285	65.0	26.0	45.5	212.1	8.7
13	286	79.2	29.2	54.2	281.4	10.3
14	287	70.0	25.0	47.5	133.3	7.9
15	288	50.2	28.5	39.4	147.6	8.0
16	289	47.0	21.8	34.4	158.8	8.7
17	290	40.5	25.1	32.8	285.8	10.3
18	291	42.0	28.3	35.2	131.6	7.0
19	292	100.0	30.8	65.4	164.1	5.5
20	293	84.8	37.7	61.3	67.0	4.4
21	294	75.0	33.8	54.4	87.6	6.1
22	295	100.0	40.7	70.4	64.0	3.9
23	296	92.0	31.0	61.5	87.5	6.3
24	297	85.8	47.0	66.4	398.4	8.7
25	298	85.8	45.8	65.8	327.8	7.8
26	299	78.8	52.2	65.5	107.7	6.9
27	300	100.0	45.2	72.6	114.9	4.4
28	301	100.0	55.0	77.5	68.3	2.0
29	302	100.0	41.2	70.6	134.1	3.9
30	303	85.0	27.8	56.4	155.1	5.9
31	304	97.0	22.0	59.5	191.0	7.9
Mean		75.7	31.9	53.8	153.8	7.3
Abs. Max.		100.0	55.0	77.5	398.4	10.9
Abs. Min.		40.5	21.6	32.8	64.0	2.0

**BOUEIDAR - DAILY CLIMATIC DATA II
NOVEMBER 1990**

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	305	87.5	33.0	60.3	73.3	4.2
2	306	100.0	34.2	67.1	182.9	4.7
3	307	85.8	33.8	59.8	87.0	5.0
4	308	72.5	32.5	52.5	108.2	6.1
5	309	62.0	28.4	45.2	63.8	5.4
6	310	56.0	26.0	41.0	103.8	5.9
7	311	95.8	25.8	60.8	226.4	6.1
8	312	100.0	40.8	70.4	385.7	8.1
9	313	100.0	57.0	78.5	324.2	3.0
10	314	100.0	51.8	75.9	374.0	3.0
11	315	100.0	45.0	72.5	118.9	3.2
12	316	100.0	36.0	68.0	47.0	2.4
13	317	100.0	30.8	65.4	97.9	2.6
14	318	100.0	32.3	66.2	121.0	3.0
15	319	100.0	29.2	64.6	100.9	3.1
16	320	100.0	27.5	63.8	57.3	2.5
17	321	100.0	29.2	64.6	53.5	2.1
18	322	100.0	27.5	63.8	51.0	2.7
19	323	97.2	38.5	67.9	75.3	2.5
20	324	88.2	23.0	55.6	158.9	5.3
21	325	100.0	31.2	65.6	76.1	3.8
22	326	93.2	32.5	62.9	45.5	2.5
23	327	92.8	36.2	64.5	40.8	2.6
24	328	90.0	36.8	63.4	100.7	3.0
25	329	87.8	35.1	61.5	85.4	2.8
26	330	95.0	52.8	73.9	73.6	5.1
27	331	92.8	52.4	72.6	91.7	3.5
28	332	91.0	26.8	58.9	45.4	1.8
29	333	88.2	44.0	66.1	108.8	3.2
30	334	95.0	40.0	67.5	176.1	3.7
Mean		92.4	35.7	64.0	121.8	3.8
Abs.Max.		100.0	57.0	78.5	385.7	8.1
Abs.Min.		56.0	23.0	41.0	40.8	1.8

BOUEIDAR - DAILY CLIMATIC DATA II
DECEMBER 1990

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	335	91.8	38.0	64.9	66.6	2.2
2	336	86.3	49.8	68.1	90.3	2.4
3	337	96.0	48.0	72.0	149.2	2.9
4	338	96.0	48.0	72.0	219.1	2.7
5	339	95.8	53.0	74.4	286.5	3.5
6	340	95.3	38.8	67.1	44.2	1.4
7	341	95.2	39.0	67.1	82.9	2.1
8	342	95.0	61.0	78.0	50.4	1.0
9	343	95.3	47.4	71.4	171.6	1.8
10	344	99.2	31.0	65.1	36.0	1.6
11	345	97.5	27.4	62.5	53.1	1.9
12	346	86.0	33.8	59.9	106.0	2.1
13	347	99.8	29.0	64.4	196.5	3.5
14	348	97.0	44.6	70.8	68.7	3.5
15	349	100.0	45.0	72.5	67.5	1.2
16	350	100.0	45.0	72.5	141.5	2.2
17	351	97.0	27.8	62.4	186.9	4.0
18	352	89.4	38.4	63.9	53.6	1.8
19	353	83.0	43.6	63.3	96.6	2.6
20	354	100.0	40.0	70.0	115.5	1.8
21	355	100.0	64.2	82.1	76.6	1.1
22	356	100.0	82.0	91.0	68.1	1.8
23	357	100.0	71.3	85.7	121.3	1.0
24	358	99.0	82.0	90.5	158.0	1.5
25	359	99.8	28.0	63.9	53.6	1.2
26	360	100.0	51.7	75.9	26.5	1.0
27	361	99.8	34.7	67.3	40.8	0.9
28	362	99.3	45.2	72.3	210.0	1.8
29	363	99.4	34.8	67.1	50.9	1.3
30	364	99.2	30.8	65.0	44.1	0.9
31	365	100.0	27.5	63.8	49.2	1.0
Mean		96.5	44.5	70.5	102.6	1.9
Abs.Max.		100.0	82.0	91.0	286.5	4.0
Abs.Min.		83.0	27.4	59.9	26.5	0.9

**BOUEIDAR - DAILY CLIMATIC DATA II
JANUARY 1991**

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	1	99.8	41.4	70.6	72.7	0.4
2	2	98.2	27.5	62.9	82.8	1.4
3	3	99.4	35.0	67.2	164.6	1.5
4	4	100.0	90.0	95.0	94.1	0.9
5	5	99.8	99.8	99.8	60.6	0.6
6	6	99.2	93.0	96.1	126.1	0.3
7	7	99.8	92.0	95.9	105.9	0.8
8	8	99.9	95.5	97.7	82.5	0.5
9	9	100.0	89.0	94.5	66.2	0.5
10	10	100.0	97.6	98.8	57.1	0.6
11	11	99.8	66.0	82.9	42.1	0.9
12	12	99.8	30.2	65.0	112.8	1.8
13	13	99.6	32.0	65.8	49.5	1.1
14	14	99.8	25.0	62.4	123.8	1.9
15	15	99.7	35.0	67.4	128.4	1.8
16	16	100.0	42.5	71.3	112.5	0.7
17	17	100.0	81.2	90.6	136.1	0.4
18	18	99.8	72.9	86.4	130.2	1.0
19	19	99.8	74.2	87.0	140.8	0.6
20	20	100.0	89.3	94.7	194.0	1.3
21	21	99.8	53.8	76.8	215.1	1.8
22	22	99.0	55.0	77.0	196.3	1.6
23	23	99.9	29.8	64.9	70.9	1.4
24	24	99.8	30.0	64.9	79.4	1.0
25	25	99.2	29.0	64.1	80.7	0.9
26	26	99.6	22.5	61.1	98.2	2.2
27	27	99.8	29.0	64.4	95.2	1.8
28	28	82.5	37.0	59.8	335.6	3.0
29	29	99.8	87.0	93.4	335.6	0.4
30	30	100.0	88.0	94.0	73.7	0.3
31	31	99.9	66.0	83.0	197.6	0.8
Mean		99.2	59.2	79.2	124.6	1.1
Abs. Max.		100.0	99.8	99.8	335.6	3.0
Abs. Min.		82.5	22.5	59.8	42.1	0.3

BOUEIDAR - DAILY CLIMATIC DATA II
FEBRUARY 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	32	99.7	45.0	72.4	130.6	1.4
2	33	99.8	56.2	78.0	226.5	0.9
3	34	97.0	56.0	76.5	429.1	1.3
4	35	97.0	39.9	68.5	158.5	2.6
5	36	91.5	36.4	64.0	168.1	1.8
6	37	93.3	55.0	74.2	144.0	1.8
7	38	100.0	44.0	72.0	56.1	1.4
8	39	99.8	54.0	76.9	79.9	1.1
9	40	99.9	21.8	60.9	72.6	2.0
10	41	100.0	41.2	70.6	89.0	1.8
11	42	99.8	30.4	65.1	85.1	2.1
12	43	99.9	24.7	62.3	75.9	2.4
13	44	99.8	29.8	64.8	114.6	2.2
14	45	99.8	28.0	63.9	57.9	1.2
15	46	85.0	27.5	56.3	125.5	3.5
16	47	99.3	54.2	76.8	170.1	1.1
17	48	99.4	39.0	69.2	202.7	2.6
18	49	99.8	42.2	71.0	170.0	1.8
19	50	99.9	72.8	86.4	24.6	1.7
20	51	99.8	37.2	68.5	36.5	2.3
21	52	99.0	13.2	56.1	101.1	3.8
22	53	64.0	14.2	39.1	514.8	7.0
23	54	93.0	24.2	58.6	174.6	5.1
24	55	84.9	29.9	57.4	217.2	4.4
25	56	99.4	69.8	84.6	241.0	1.9
26	57	99.0	40.0	69.5	315.6	4.0
27	58	99.8	32.5	66.2	196.3	4.6
28	59	99.9	44.2	72.1	180.8	3.3
Mean		96.4	39.4	67.9	162.8	2.5
Abs.Max.		100.0	72.8	86.4	514.8	7.0
Abs.Min.		64.0	13.2	39.1	24.6	0.9

**BOUEIDAR - DAILY CLIMATIC DATA II
MARCH 1991**

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	60	99.6	31.0	65.3	174.4	3.1
2	61	99.8	35.6	67.7	138.6	3.8
3	62	99.6	25.8	62.7	75.4	3.5
4	63	99.8	34.0	66.9	211.1	3.0
5	64	99.8	57.2	78.5	231.6	3.5
6	65	82.5	18.8	50.7	392.5	2.8
7	66	97.0	28.0	62.5	392.5	9.1
8	67	99.8	54.0	76.9	235.0	2.4
9	68	99.8	12.9	56.4	162.6	4.1
10	69	92.8	15.0	53.9	150.8	3.3
11	70	69.8	34.6	52.2	426.5	5.7
12	71	99.0	28.8	63.9	161.9	5.5
13	72	100.0	48.8	74.4	120.4	3.1
14	73	100.0	43.0	71.5	220.4	4.1
15	74	98.8	24.8	61.8	118.5	4.2
16	75	88.0	22.9	55.5	341.4	7.5
17	76	99.2	62.2	80.7	198.1	1.4
18	77	99.8	84.8	92.3	114.9	0.8
19	78	100.0	74.0	87.0	78.7	2.2
20	79	99.8	51.0	75.4	90.8	2.8
21	80	98.0	35.0	66.5	236.6	4.1
22	81	100.0	88.2	94.1	445.7	2.7
23	82	99.8	51.0	75.4	224.1	4.4
24	83	99.4	66.8	83.1	177.4	5.6
25	84	99.8	45.0	72.4	69.1	4.1
26	85	99.8	33.0	66.4	97.2	4.7
27	86	99.8	23.8	61.8	88.5	3.9
28	87	100.0	18.6	59.3	42.5	4.4
29	88	99.7	39.8	69.8	84.2	3.0
30	89	99.8	24.0	61.9	144.0	6.3
31	90	98.0	30.0	64.0	150.2	5.0
Mean		97.4	40.1	68.7	187.0	4.0
Abs.Max.		100.0	88.2	94.1	445.7	9.1
Abs.Min.		69.8	12.9	50.7	42.5	0.8

BOUEIDAR - DAILY CLIMATIC DATA II
APRIL 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	91	55.0	11.8	33.4	91.2	3.6
2	92	61.8	12.0	36.9	277.6	4.9
3	93	48.3	16.3	32.3	297.0	8.7
4	94	65.8	13.0	39.4	370.6	8.2
5	95	45.0	12.5	28.8	201.6	8.5
6	96	69.0	12.5	40.8	112.2	5.5
7	97	72.4	6.0	39.2	317.1	8.2
8	98	72.2	17.0	44.6	252.3	4.3
9	99	62.5	26.0	44.3	423.7	4.0
10	100	70.5	40.0	55.3	266.8	6.1
11	101	71.2	21.0	46.1	183.0	3.9
12	102	74.6	12.1	43.4	173.4	5.7
13	103	74.2	10.0	42.1	75.8	4.4
14	104	71.8	4.0	37.9	104.5	6.3
15	105	100.0	40.0	70.0	427.4	9.4
16	106	100.0	77.0	88.5	364.9	9.0
17	107	100.0	63.2	81.6	270.4	8.6
18	108	100.0	45.0	72.5	82.8	6.2
19	109	100.0	35.8	67.9	143.6	7.8
20	110	100.0	44.0	72.0	299.1	8.6
21	111	99.9	68.2	84.1	114.8	10.0
22	112	100.0	30.0	65.0	183.6	6.8
23	113	100.0	33.4	66.7	187.1	11.0
24	114	100.0	36.4	68.2	266.7	10.8
25	115	100.0	52.2	76.1	254.6	11.4
26	116	100.0	35.2	67.6	161.5	10.1
27	117	100.0	30.8	65.4	114.8	9.1
28	118	100.0	28.0	64.0	78.9	7.9
29	119	87.0	24.0	55.5	110.6	8.2
30	120	100.0	58.0	79.0	374.1	8.0
Mean		83.4	30.5	57.0	219.4	7.5
Abs.Max.		100.0	77.0	88.5	427.4	11.4
Abs.Min.		45.0	4.0	28.8	75.8	3.6

BOUEIDAR -- DAILY CLIMATIC DATA II
MAY 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	121	100.0	78.2	89.1	319.9	4.7
2	122	100.0	48.2	74.1	190.3	6.9
3	123	100.0	35.0	67.5	195.7	8.7
4	124	100.0	26.6	63.3	162.7	9.1
5	125	100.0	23.0	61.5	103.0	8.3
6	126	100.0	21.2	60.6	180.3	12.8
7	127	100.0	30.2	65.1	205.4	11.7
8	128	95.0	32.5	63.8	183.9	9.8
9	129	100.0	31.8	65.9	291.1	15.6
10	130	100.0	41.8	70.9	196.7	10.5
11	131	93.0	42.2	67.6	203.3	10.3
12	132	100.0	48.2	74.1	294.3	13.5
13	133	100.0	18.2	59.1	277.2	12.4
14	134	60.0	17.0	38.5	266.5	15.3
15	135	97.4	37.5	67.5	287.1	5.3
16	136	97.5	24.4	61.0	627.5	18.5
17	137	74.0	22.5	48.3	301.0	12.1
18	138	86.6	14.0	50.3	182.8	9.8
19	139	70.2	12.8	41.5	113.5	8.7
20	140	82.0	34.8	58.4	349.5	14.2
21	141	97.8	55.0	76.4	544.7	15.7
22	142	100.0	41.6	70.8	355.1	8.1
23	143	100.0	43.0	71.5	257.2	9.9
24	144	100.0	27.1	63.6	119.8	8.2
25	145	95.4	30.6	63.0	178.7	12.4
26	146	95.0	42.0	68.5	315.0	13.2
27	147	95.0	56.4	75.7	299.6	12.4
28	148	100.0	54.2	77.1	214.4	10.1
29	149	100.0	65.0	82.5	277.3	8.2
30	150	100.0	50.0	75.0	226.5	10.8
31	151	100.0	45.0	72.5	217.1	9.8
Mean		94.8	37.1	66.0	256.0	10.9
Abs.Max.		100.0	78.2	89.1	627.5	18.5
Abs.Min.		60.0	12.8	38.5	103.0	4.7

BOUEIDAR - DAILY CLIMATIC DATA II
JUNE 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	152	100.0	41.2	70.6	257.7	12.5
2	153	100.0	37.8	68.9	303.6	14.6
3	154	98.2	20.0	59.1	242.4	15.0
4	155	58.4	23.0	40.7	304.5	17.6
5	156	62.2	23.2	42.7	254.8	14.9
6	157	72.8	30.0	51.4	322.3	16.0
7	158	84.4	28.0	56.2	297.7	15.0
8	159	75.0	26.2	50.6	225.3	13.2
9	160	74.6	16.2	45.4	236.5	14.7
10	161	62.5	22.3	42.5	401.5	17.7
11	162	68.0	32.5	50.3	437.1	15.7
12	163	76.0	27.5	51.8	221.0	11.7
13	164	56.5	24.4	40.5	193.4	13.4
14	165	55.0	22.0	38.5	212.1	13.1
15	166	59.0	25.2	42.1	229.9	13.7
16	167	62.0	17.3	39.7	207.7	14.2
17	168	55.2	15.0	35.1	201.3	16.0
18	169	42.5	14.0	28.3	221.7	16.8
19	170	40.2	14.0	27.1	233.1	17.5
20	171	46.4	18.8	32.6	248.7	15.3
21	172	59.9	22.5	41.2	246.0	15.2
22	173	69.3	22.4	45.9	239.6	14.7
23	174	62.5	19.2	40.9	180.9	14.6
24	175	59.6	19.2	39.4	225.4	15.6
25	176	62.5	25.2	43.9	328.3	17.8
26	177	52.7	24.2	38.5	392.8	18.9
27	178	67.0	30.0	48.5	254.2	13.8
28	179	72.3	31.3	51.8	241.2	13.1
29	180	83.0	28.4	55.7	226.2	14.2
30	181	70.0	28.0	49.0	232.4	13.7
Mean		66.9	24.3	45.6	260.6	15.0
Abs. Max.		100.0	41.2	70.6	437.1	18.9
Abs. Min.		40.2	14.0	27.1	180.9	11.7

BOUEIDAR - DAILY CLIMATIC DATA II
JULY 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	182	74.0	29.2	51.6	357.7	16.2
2	183	83.2	25.0	54.1	363.0	16.8
3	184	74.0	21.8	47.9	285.8	14.9
4	185	80.0	21.8	50.9	264.1	14.7
5	186	60.0	27.0	43.5	368.8	15.4
6	187	68.0	32.4	50.2	302.0	12.7
7	188	78.8	36.2	57.5	314.3	13.5
8	189	74.2	44.2	59.2	374.6	15.9
9	190	83.2	42.5	62.9	374.6	15.3
10	191	82.7	22.8	52.8	349.9	18.2
11	192	70.8	23.4	47.1	208.3	15.2
12	193	52.5	20.0	36.3	174.3	14.2
13	194	45.2	22.5	33.9	395.9	18.7
14	195	63.8	25.4	44.6	303.8	18.2
15	196	62.7	24.6	43.7	380.6	18.6
16	197	81.0	32.5	56.8	299.8	17.2
17	198	64.0	32.8	48.4	292.8	16.0
18	199	77.0	43.0	60.0	347.3	14.9
19	200	77.8	42.3	60.1	301.0	14.7
20	201	89.8	26.0	57.9	150.1	10.4
21	202	95.2	45.0	70.1	315.1	13.6
22	203	96.4	40.8	68.6	m	m
23	204	67.5	38.0	52.8	m	m
24	205	89.2	38.0	63.6	m	m
25	206	72.0	37.5	54.8	m	m
26	207	73.0	45.0	59.0	m	m
27	208	79.8	42.3	61.1	m	m
28	209	83.4	25.6	54.5	m	m
29	210	87.5	28.0	57.8	m	m
30	211	88.0	45.1	66.6	m	m
31	212	84.2	38.0	61.1	m	m
Mean		76.1	32.9	54.5	(310.7)	(15.5)
Abs. Max.		96.4	45.1	70.1	(395.9)	(18.7)
Abs. Min.		45.2	20.0	33.9	(150.1)	(10.4)

BOUEIDAR - DAILY CLIMATIC DATA II
AUGUST 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm
1	213	77.0	40.3	58.7	m	m
2	214	78.4	31.6	55.0	m	m
3	215	69.8	23.8	46.8	m	m
4	216	77.5	28.8	53.2	m	m
5	217	73.0	35.1	54.1	m	m
6	218	77.7	27.0	52.4	m	m
7	219	74.2	28.2	51.2	m	m
8	220	88.4	15.0	51.7	m	m
9	221	71.6	25.0	48.3	m	m
10	222	64.2	31.0	47.6	m	m
11	223	70.0	35.6	52.8	m	m
12	224	92.5	23.4	58.0	m	m
13	225	64.2	21.4	42.8	m	m
14	226	68.0	22.5	45.3	m	m
15	227	65.0	33.4	49.2	m	m
16	228	71.0	37.7	54.4	m	m
17	229	77.5	44.3	60.9	m	m
18	230	76.4	39.0	57.7	m	m
19	231	78.2	41.8	60.0	m	11.7
20	232	83.4	38.0	60.7	232.2	12.7
21	233	79.8	30.6	55.2	287.8	14.2
22	234	85.8	30.2	58.0	311.5	15.6
23	235	73.6	30.6	52.1	259.9	14.2
24	236	68.0	29.4	48.7	238.9	13.5
25	237	77.8	31.2	54.5	262.0	14.9
26	238	62.0	28.2	45.1	250.0	14.7
27	239	72.5	31.2	51.9	237.5	14.2
28	240	82.7	35.3	59.0	271.5	14.9
29	241	85.4	47.0	66.2	238.2	11.7
30	242	91.4	52.0	71.7	261.0	11.9
31	243	94.2	35.0	64.6	202.0	12.1
Mean		76.5	32.4	54.4	(254.4)	(13.5)
Abs. Max.		94.2	52.0	71.7	(311.5)	(15.6)
Abs. Min.		62.0	15.0	42.8	(202.0)	(11.7)

**BOUEIDAR - DAILY SOIL TEMPERATURE
SEPTEMBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	244	38.9	23.3	31.1	33.0	26.8	29.9	30.7	28.8	29.8
2	245	40.2	22.8	31.5	33.6	26.8	30.2	30.8	28.8	29.8
3	246	41.0	22.8	31.9	33.9	26.5	30.2	30.6	28.7	29.7
4	247	40.2	23.2	31.7	33.3	26.1	29.7	30.2	28.2	29.2
5	248	38.7	23.6	31.2	33.0	27.3	30.2	30.3	28.5	29.4
6	249	40.0	23.2	31.6	33.3	26.8	30.1	30.2	28.4	29.3
7	250	39.8	23.4	31.6	33.0	26.6	29.8	30.1	28.1	29.1
8	251	41.0	24.2	32.6	33.6	27.0	30.3	30.3	28.5	29.4
9	252	40.9	23.8	32.4	33.9	27.8	30.9	30.6	28.8	29.7
10	253	39.9	23.8	31.9	33.5	27.0	30.3	30.5	28.5	29.5
11	254	40.5	24.0	32.3	33.6	27.0	30.3	30.4	28.7	29.6
12	255	39.2	24.0	31.6	33.0	27.0	30.0	30.1	28.5	29.3
13	256	37.1	24.8	31.0	32.0	27.0	29.5	29.9	28.2	29.1
14	257	37.1	22.0	29.6	32.2	26.4	29.3	29.8	27.9	28.9
15	258	38.0	20.5	29.3	32.0	25.6	28.8	29.0	27.0	28.0
16	259	38.0	20.7	29.4	31.2	24.7	28.0	28.2	26.8	27.5
17	260	37.0	21.0	29.0	31.0	24.2	27.6	28.2	26.4	27.3
18	261	37.0	21.0	29.0	31.0	24.9	28.0	28.6	26.1	27.4
19	262	36.0	20.4	28.2	30.5	24.5	27.5	28.2	26.0	27.1
20	263	37.0	21.0	29.0	30.9	24.0	27.5	28.2	25.8	27.0
21	264	38.0	21.3	29.7	31.0	24.4	27.7	28.4	26.0	27.2
22	265	38.2	22.9	30.6	31.5	25.1	28.3	29.0	26.3	27.7
23	266	39.2	24.8	32.0	32.2	26.5	29.4	29.9	27.2	28.6
24	267	39.1	23.7	31.4	32.8	26.5	29.7	30.2	28.0	29.1
25	268	37.0	21.6	29.3	31.4	25.1	28.3	29.5	27.0	28.3
26	269	37.0	23.0	30.0	31.0	25.0	28.0	29.0	26.9	28.0
27	270	39.0	22.5	30.8	32.0	25.5	28.8	29.5	27.0	28.3
28	271	38.8	22.6	30.7	32.0	25.2	28.6	29.8	27.0	28.4
29	272	37.0	23.7	30.4	31.0	25.5	28.3	29.2	27.1	28.2
30	273	34.0	19.7	26.9	30.0	23.9	27.0	28.7	26.0	27.4
Mean		38.5	22.6	30.6	32.2	25.9	29.1	29.6	27.5	28.6
Abs. Max.		41.0	24.8	32.6	33.9	27.8	30.9	30.8	28.8	29.8
Abs. Min.		34.0	19.7	26.9	30.0	23.9	27.0	28.2	25.8	27.0

**BOUEIDAR - DAILY SOIL TEMPERATURE
OCTOBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	274	34.8	20.0	27.4	29.5	23.4	26.5	27.6	25.1	26.4
2	275	35.7	20.4	28.1	29.6	23.2	26.4	27.4	25.0	26.2
3	276	36.0	20.5	28.3	29.8	23.6	26.7	27.3	25.2	26.3
4	277	36.0	21.2	28.6	29.9	23.7	26.8	27.5	25.2	26.4
5	278	36.9	21.0	29.0	30.2	24.0	27.1	27.8	25.5	26.7
6	279	36.7	21.0	28.9	30.0	23.8	26.9	27.8	25.2	26.5
7	280	35.5	21.2	28.4	29.5	23.9	26.7	27.5	25.2	26.4
8	281	36.1	20.9	28.5	30.1	24.0	27.1	27.4	25.1	26.3
9	282	36.0	20.1	28.1	29.9	23.7	26.8	27.2	25.0	26.1
10	283	34.9	20.0	27.5	29.2	23.2	26.2	26.8	24.7	25.8
11	284	34.5	19.7	27.1	29.0	23.0	26.0	26.6	24.5	25.6
12	285	32.0	17.7	24.9	27.6	22.0	24.8	25.5	23.2	24.4
13	286	31.8	18.0	24.9	27.0	21.2	24.1	25.0	23.0	24.0
14	287	32.8	16.0	24.4	27.3	21.1	24.2	25.0	22.5	23.8
15	288	30.1	16.1	23.1	25.9	20.0	23.0	24.0	22.0	23.0
16	289	30.0	17.1	23.6	25.7	20.3	23.0	23.8	21.8	22.8
17	290	29.2	19.1	24.2	25.2	20.2	22.7	23.6	21.7	22.7
18	291	28.0	20.3	24.2	25.3	22.5	23.9	24.0	22.9	23.5
19	292	30.0	19.0	24.5	26.0	22.1	24.1	24.1	22.7	23.4
20	293	31.5	19.0	25.3	26.3	21.8	24.1	24.2	22.5	23.4
21	294	33.0	19.9	26.5	27.3	21.7	24.5	24.9	22.6	23.8
22	295	28.4	19.3	23.9	25.3	21.8	23.6	24.0	22.8	23.4
23	296	32.8	18.5	25.7	27.1	21.5	24.3	24.7	22.7	23.7
24	297	28.8	19.0	23.9	25.2	21.1	23.2	23.8	22.2	23.0
25	298	27.0	17.6	22.3	24.5	20.1	22.3	23.0	21.1	22.1
26	299	27.3	17.5	22.4	23.9	20.0	22.0	22.4	21.0	21.7
27	300	29.4	18.1	23.8	25.0	20.2	22.6	22.9	21.2	22.1
28	301	26.8	14.7	20.8	23.8	18.9	21.4	22.0	20.0	21.0
29	302	26.9	15.5	21.2	23.1	18.3	20.7	21.3	20.0	20.7
30	303	27.0	17.8	22.4	23.3	19.1	21.2	21.7	20.0	20.9
31	304	28.0	16.6	22.3	24.2	19.8	22.0	22.2	20.4	21.3
Mean		31.7	18.8	25.3	27.0	21.7	24.4	24.9	23.0	24.0
Abs. Max.		36.9	21.2	29.0	30.2	24.0	27.1	27.8	25.5	26.7
Abs. Min.		26.8	14.7	20.8	23.1	18.3	20.7	21.3	20.0	20.7

**BOUEIDAR - DAILY SOIL TEMPERATURE
NOVEMBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	305	29.9	16.3	23.1	25.0	19.6	22.3	22.6	20.5	21.6
2	306	29.7	16.5	23.1	25.0	19.6	22.3	22.7	20.9	21.8
3	307	28.8	16.6	22.7	24.7	19.8	22.3	22.3	20.5	21.4
4	308	29.0	15.8	22.4	24.4	19.4	21.9	22.1	20.2	21.2
5	309	28.0	16.0	22.0	24.0	19.0	21.5	22.0	20.1	21.1
6	310	28.0	17.2	22.6	23.8	19.0	21.4	21.6	19.9	20.8
7	311	25.0	18.3	21.7	22.2	19.1	20.7	21.0	19.9	20.5
8	312	26.8	18.5	22.7	23.5	20.2	21.9	21.9	20.6	21.3
9	313	21.9	14.1	18.0	21.1	17.3	19.2	20.8	18.3	19.6
10	314	19.1	12.8	16.0	19.0	16.3	17.7	18.5	17.2	17.9
11	315	20.2	10.0	15.1	19.0	14.6	16.8	18.0	15.8	16.9
12	316	18.7	5.5	12.1	17.4	11.5	14.5	16.2	13.9	15.1
13	317	18.0	5.0	11.5	16.0	10.9	13.5	14.9	12.9	13.9
14	318	17.2	6.0	11.6	15.2	10.2	12.7	14.1	12.7	13.4
15	319	17.0	7.2	12.1	15.9	10.6	13.3	14.2	12.4	13.3
16	320	18.0	7.5	12.8	16.4	11.1	13.8	14.7	12.9	13.8
17	321	17.0	7.2	12.1	16.4	11.2	13.8	14.8	13.0	13.9
18	322	18.5	7.5	13.0	16.8	11.1	14.0	14.8	12.8	13.8
19	323	19.5	8.5	14.0	16.3	11.7	14.0	15.0	13.0	14.0
20	324	21.0	13.0	17.0	18.0	13.9	16.0	16.1	14.3	15.2
21	325	21.8	10.0	15.9	18.3	13.3	15.8	16.7	14.6	15.7
22	326	19.9	9.6	14.8	17.8	12.9	15.4	16.0	14.0	15.0
23	327	18.0	9.1	13.6	16.6	12.4	14.5	15.2	13.5	14.4
24	328	17.9	10.0	14.0	16.1	12.0	14.1	15.0	13.2	14.1
25	329	19.0	10.2	14.6	17.0	13.0	15.0	15.5	14.0	14.8
26	330	20.0	10.8	15.4	16.8	12.7	14.8	15.3	14.0	14.7
27	331	20.1	9.8	15.0	16.9	12.6	14.8	15.2	13.6	14.4
28	332	19.5	9.7	14.6	16.1	12.1	14.1	14.8	13.2	14.0
29	333	19.7	9.9	14.8	16.1	12.0	14.1	14.7	13.1	13.9
30	334	19.7	10.7	15.2	16.2	12.6	14.4	14.9	13.3	14.1
Mean		21.6	11.3	16.5	18.9	14.4	16.7	17.4	15.6	16.5
Abs.Max.		29.9	18.5	23.1	25.0	20.2	22.3	22.7	20.9	21.8
Abs.Min.		17.0	5.0	11.5	15.2	10.2	12.7	14.1	12.4	13.3

**BOUEIDAR - DAILY SOIL TEMPERATURE
DECEMBER 1990**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	335	20.0	10.8	15.4	16.3	12.5	14.4	14.9	13.5	14.2
2	336	18.0	11.0	14.5	15.7	12.5	14.1	14.5	13.4	14.0
3	337	17.2	11.0	14.1	15.0	12.8	13.9	14.0	13.0	13.5
4	338	19.8	11.8	15.8	16.0	12.7	14.4	14.7	13.1	13.9
5	339	18.3	10.0	14.2	16.0	12.9	14.5	14.9	13.3	14.1
6	340	19.9	8.5	14.2	16.2	11.9	14.1	14.7	12.9	13.8
7	341	18.2	7.6	12.9	15.3	10.9	13.1	13.9	12.0	13.0
8	342	16.7	8.3	12.5	14.0	10.8	12.4	13.0	12.0	12.5
9	343	19.0	7.1	13.1	15.2	11.0	13.1	13.6	11.9	12.8
10	344	16.8	3.7	10.3	14.0	8.5	11.3	12.6	10.1	11.4
11	345	15.0	4.0	9.5	12.3	8.0	10.2	11.1	9.7	10.4
12	346	15.1	4.8	10.0	12.3	8.0	10.2	11.1	9.4	10.3
13	347	14.3	8.3	11.3	12.9	10.1	11.5	12.0	10.7	11.4
14	348	17.0	5.9	11.5	14.0	9.5	11.8	12.2	10.3	11.3
15	349	16.6	6.0	11.3	13.2	9.0	11.1	11.8	10.2	11.0
16	350	16.2	6.0	11.1	13.0	8.9	11.0	11.7	10.0	10.9
17	351	18.0	8.1	13.1	14.6	10.6	12.6	12.7	11.1	11.9
18	352	17.1	4.2	10.7	14.0	8.8	11.4	12.1	10.0	11.1
19	353	15.0	4.9	10.0	12.2	8.0	10.1	11.0	9.8	10.4
20	354	15.1	8.1	11.6	12.5	9.6	11.1	11.1	10.0	10.6
21	355	15.9	9.1	12.5	13.1	10.3	11.7	11.9	10.8	11.4
22	356	14.7	7.7	11.2	12.9	9.8	11.4	11.7	10.1	10.9
23	357	15.8	8.3	12.1	13.0	9.6	11.3	11.5	10.1	10.8
24	358	11.0	3.8	7.4	11.2	7.8	9.5	10.8	8.8	9.8
25	359	12.0	3.2	7.6	10.0	7.0	8.5	9.0	7.8	8.4
26	360	12.3	2.3	7.3	9.9	6.0	8.0	8.5	7.0	7.8
27	361	9.8	2.0	5.9	8.0	5.3	6.7	7.2	6.1	6.7
28	362	7.8	2.9	5.4	7.3	5.2	6.3	7.0	6.0	6.5
29	363	10.9	1.8	6.4	8.4	5.1	6.8	7.1	6.0	6.6
30	364	10.5	1.4	6.0	8.0	4.3	6.2	6.6	5.3	6.0
31	365	9.8	0.3	5.1	6.6	2.2	4.4	6.3	5.0	5.7
Mean		15.3	6.2	10.8	12.7	9.0	10.9	11.5	10.0	10.7
Abs. Max.		20.0	11.8	15.8	16.3	12.9	14.5	14.9	13.5	14.2
Abs. Min.		7.8	0.3	5.1	6.6	2.2	4.4	6.3	5.0	5.7

**BOUEIDAR - DAILY SOIL TEMPERATURE
JANUARY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	1	7.6	0.2	3.9	5.6	2.6	4.1	6.0	4.9	5.5
2	2	12.0	1.5	6.8	8.0	3.2	5.6	7.2	5.3	6.3
3	3	10.0	3.8	6.9	8.0	4.3	6.2	8.0	6.0	7.0
4	4	10.7	5.0	7.9	9.0	6.1	7.6	9.0	7.9	8.5
5	5	11.0	5.2	8.1	9.0	6.1	7.6	9.0	7.8	8.4
6	6	12.1	5.5	8.8	9.6	6.5	8.1	9.3	8.0	8.7
7	7	10.9	7.0	9.0	9.1	7.8	8.5	9.1	8.8	9.0
8	8	9.0	7.2	8.1	8.2	7.9	8.1	9.0	8.8	8.9
9	9	11.0	6.5	8.8	9.0	7.6	8.3	9.0	8.9	9.0
10	10	10.2	5.0	7.6	8.8	6.1	7.5	9.0	8.7	8.9
11	11	12.0	2.2	7.1	9.0	5.0	7.0	8.9	7.0	8.0
12	12	12.9	2.0	7.5	8.4	4.2	6.3	8.0	6.8	7.4
13	13	12.7	1.9	7.3	8.2	4.0	6.1	7.8	6.1	7.0
14	14	12.0	1.8	6.9	8.1	3.2	5.7	7.9	6.0	7.0
15	15	12.9	2.1	7.5	9.0	3.7	6.4	8.5	6.0	7.3
16	16	11.3	4.5	7.9	8.5	5.3	6.9	8.8	7.2	8.0
17	17	11.0	6.9	9.0	9.0	6.9	8.0	9.0	8.0	8.5
18	18	12.3	5.1	8.7	10.0	6.0	8.0	10.0	8.0	9.0
19	19	12.0	5.8	8.9	9.2	6.0	7.6	9.4	8.0	8.7
20	20	10.0	7.9	9.0	8.5	7.3	7.9	9.2	8.8	9.0
21	21	12.5	8.2	10.4	10.2	8.2	9.2	10.5	9.0	9.8
22	22	11.7	6.2	9.0	10.0	7.4	8.7	10.1	8.7	9.4
23	23	11.0	3.2	7.1	9.0	5.0	7.0	9.0	6.8	7.9
24	24	10.8	3.0	6.9	8.0	4.8	6.4	8.0	6.5	7.3
25	25	10.0	2.7	6.4	7.2	4.3	5.8	7.2	6.0	6.6
26	26	8.8	2.0	5.4	6.4	3.7	5.1	6.5	5.0	5.8
27	27	9.2	2.0	5.6	6.2	3.0	4.6	6.2	4.9	5.6
28	28	9.8	2.9	6.4	7.0	4.0	5.5	6.9	5.1	6.0
29	29	5.9	4.3	5.1	5.4	4.8	5.1	6.0	5.7	5.9
30	30	6.2	4.3	5.3	5.6	4.8	5.2	6.0	5.7	5.9
31	31	8.0	4.2	6.1	6.8	5.0	5.9	7.0	5.9	6.5
Mean		10.6	4.2	7.4	8.2	5.3	6.8	8.2	7.0	7.6
Abs. Max.		12.9	8.2	10.4	10.2	8.2	9.2	10.5	9.0	9.8
Abs. Min.		5.9	0.2	3.9	5.4	2.6	4.1	6.0	4.9	5.5

**BOUEIDAR - DAILY SOIL TEMPERATURE
FEBRUARY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	32	9.0	4.3	6.7	7.1	5.0	6.1	7.2	6.1	6.7
2	33	10.8	4.2	7.5	7.8	5.0	6.4	7.8	6.1	7.0
3	34	8.0	3.2	5.6	7.0	4.4	5.7	7.1	5.6	6.4
4	35	6.7	2.9	4.8	5.3	3.9	4.6	6.0	5.0	5.5
5	36	7.2	2.8	5.0	5.2	3.3	4.3	5.4	4.8	5.1
6	37	5.6	3.1	4.4	4.4	3.5	4.0	5.0	4.6	4.8
7	38	9.3	2.7	6.0	6.3	3.8	5.1	6.1	5.0	5.6
8	39	9.2	2.3	5.8	6.2	3.5	4.9	6.0	4.9	5.5
9	40	9.4	2.0	5.7	6.1	3.0	4.6	5.8	4.5	5.2
10	41	9.5	2.0	5.8	6.1	2.8	4.5	5.8	4.1	5.0
11	42	11.8	2.2	7.0	7.9	3.2	5.6	7.0	4.8	5.9
12	43	12.0	3.0	7.5	8.1	4.1	6.1	7.4	5.6	6.5
13	44	9.2	3.1	6.2	6.9	4.6	5.8	6.9	5.9	6.4
14	45	11.0	3.0	7.0	7.7	4.1	5.9	7.2	5.7	6.5
15	46	11.0	3.3	7.2	7.7	4.3	6.0	7.4	6.0	6.7
16	47	8.2	6.0	7.1	7.0	6.0	6.5	7.3	7.0	7.2
17	48	12.3	6.0	9.2	9.0	6.0	7.5	8.9	7.0	8.0
18	49	13.7	6.9	10.3	10.1	6.7	8.4	9.5	7.8	8.7
19	50	13.0	7.2	10.1	10.1	7.6	8.9	9.9	8.4	9.2
20	51	16.0	7.2	11.6	12.0	8.6	10.3	11.0	9.1	10.1
21	52	16.1	6.0	11.1	12.2	7.8	10.0	11.0	8.0	9.5
22	53	12.6	6.0	9.3	9.9	7.1	8.5	9.6	8.4	9.0
23	54	15.0	8.0	11.5	11.2	8.0	9.6	10.4	8.7	9.6
24	55	17.2	9.0	13.1	12.9	9.0	11.0	11.7	9.7	10.7
25	56	11.9	8.8	10.4	10.5	9.8	10.2	10.6	9.8	10.2
26	57	14.0	8.0	11.0	11.3	8.7	10.0	11.0	9.9	10.5
27	58	14.4	9.3	11.9	11.6	9.0	10.3	11.0	10.0	10.5
28	59	14.0	6.8	10.4	11.8	8.0	9.9	11.4	9.8	10.6
Mean		11.4	5.0	8.2	8.6	5.7	7.2	8.3	6.9	7.6
Abs. Max.		17.2	9.3	13.1	12.9	9.8	11.0	11.7	10.0	10.7
Abs. Min.		5.6	2.0	4.4	4.4	2.8	4.0	5.0	4.1	4.8

**BOUEIDAR - DAILY SOIL TEMPERATURE
MARCH 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	60	14.7	9.8	12.3	11.4	8.2	9.8	11.1	9.8	10.5
2	61	15.9	7.0	11.5	12.7	8.4	10.6	12.0	10.1	11.1
3	62	18.3	9.0	13.7	13.6	8.8	11.2	12.5	10.1	11.3
4	63	15.8	11.0	13.4	12.6	10.0	11.3	12.2	11.0	11.6
5	64	14.2	8.0	11.1	12.0	9.4	10.7	12.0	10.8	11.4
6	65	13.9	6.0	10.0	11.5	8.0	9.8	11.2	9.7	10.5
7	66	13.6	6.1	9.9	11.0	7.6	9.3	10.9	9.4	10.2
8	67	12.9	7.4	10.2	10.4	8.2	9.3	10.7	9.5	10.1
9	68	12.6	3.3	8.0	10.0	6.0	8.0	10.0	7.9	9.0
10	69	12.7	3.2	8.0	9.2	5.3	7.3	9.0	7.3	8.2
11	70	10.5	6.0	8.3	8.5	6.7	7.6	9.0	8.0	8.5
12	71	15.9	7.9	11.9	11.2	7.0	9.1	10.9	8.3	9.6
13	72	15.0	7.7	11.4	11.4	8.2	9.8	11.2	9.9	10.6
14	73	15.3	7.4	11.4	11.4	8.0	9.7	11.2	9.8	10.5
15	74	18.0	7.9	13.0	13.0	8.0	10.5	12.1	10.0	11.1
16	75	14.4	8.2	11.3	11.4	9.0	10.2	11.4	10.3	10.9
17	76	13.2	9.0	11.1	11.0	9.3	10.2	11.2	10.5	10.9
18	77	12.0	9.0	10.5	10.3	9.1	9.7	11.2	10.8	11.0
19	78	15.0	8.7	11.9	12.1	9.1	10.6	12.3	10.7	11.5
20	79	19.6	9.6	14.6	14.6	9.1	11.9	14.0	10.9	12.5
21	80	19.3	11.8	15.6	15.2	11.2	13.2	15.0	12.8	13.9
22	81	15.7	12.9	14.3	13.9	12.5	13.2	14.3	13.8	14.1
23	82	19.2	13.1	16.2	15.3	12.5	13.9	15.2	13.8	14.5
24	83	17.5	13.0	15.3	15.0	13.0	14.0	15.1	14.1	14.6
25	84	22.8	14.0	18.4	17.9	13.0	15.5	17.2	14.3	15.8
26	85	23.0	13.0	18.0	18.0	13.8	15.9	17.7	15.3	16.5
27	86	24.0	12.2	18.1	19.0	13.7	16.4	18.2	15.7	17.0
28	87	24.0	12.3	18.2	18.9	14.0	16.5	18.2	16.0	17.1
29	88	21.5	14.1	17.8	17.8	14.9	16.4	17.8	16.3	17.1
30	89	25.0	13.4	19.2	19.5	14.3	16.9	18.8	16.1	17.5
31	90	23.0	13.0	18.0	18.6	14.6	16.6	18.2	16.3	17.3
Mean		17.0	9.5	13.3	13.5	10.0	11.8	13.3	11.6	12.5
Abs. Max.		25.0	14.1	19.2	19.5	14.9	16.9	18.8	16.3	17.5
Abs. Min.		10.5	3.2	8.0	8.5	5.3	7.3	9.0	7.3	8.2

**BOUEIDAR - DAILY SOIL TEMPERATURE
APRIL 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	91	22.0	13.2	17.6	18.2	13.2	15.7	18.0	16.1	17.1
2	92	m	14.3	m	17.4	15.1	16.3	17.8	16.7	17.3
3	93	m	15.0	m	18.0	15.0	16.5	18.0	16.6	17.3
4	94	m	13.6	m	17.6	14.8	16.2	17.7	16.3	17.0
5	95	m	13.1	m	18.0	14.3	16.2	18.0	16.0	17.0
6	96	m	13.5	m	18.0	14.7	16.4	18.0	16.5	17.3
7	97	m	11.6	m	18.6	13.4	16.0	18.2	15.8	17.0
8	98	18.9	13.5	16.2	17.0	15.0	16.0	17.5	16.9	17.2
9	99	15.6	10.8	13.2	15.0	12.8	13.9	16.8	15.0	15.9
10	100	13.9	11.0	12.5	13.7	12.2	13.0	15.1	14.0	14.6
11	101	17.3	10.7	14.0	15.0	11.9	13.5	15.2	13.6	14.4
12	102	20.4	8.0	14.2	16.3	10.3	13.3	15.9	13.0	14.5
13	103	23.2	9.1	16.2	17.9	11.3	14.6	17.0	14.0	15.5
14	104	25.0	12.5	18.8	19.3	13.8	16.6	18.8	15.5	17.2
15	105	22.8	15.0	18.9	19.0	15.4	17.2	19.1	17.1	18.1
16	106	21.0	14.4	17.7	18.0	15.4	16.7	18.6	17.2	17.9
17	107	22.0	12.4	17.2	18.3	14.1	16.2	18.3	16.3	17.3
18	108	24.3	10.9	17.6	19.3	13.3	16.3	19.0	16.0	17.5
19	109	24.8	11.5	18.2	19.8	14.0	16.9	19.4	16.5	18.0
20	110	24.6	14.5	19.6	20.3	15.7	18.0	20.1	17.7	18.9
21	111	27.0	16.2	21.6	22.0	17.0	19.5	21.1	18.9	20.0
22	112	27.0	12.9	20.0	21.9	15.5	18.7	21.2	18.2	19.7
23	113	26.1	15.2	20.7	21.6	16.8	19.2	21.5	19.0	20.3
24	114	27.1	16.5	21.8	22.3	17.3	19.8	22.1	19.8	21.0
25	115	27.3	15.7	21.5	22.7	17.3	20.0	22.2	19.9	21.1
26	116	28.5	15.6	22.1	23.0	17.5	20.3	22.5	20.0	21.3
27	117	29.0	15.5	22.3	23.4	17.4	20.4	22.7	20.0	21.4
28	118	28.5	14.6	21.6	23.0	17.0	20.0	22.7	19.8	21.3
29	119	27.0	16.3	21.7	22.5	18.0	20.3	22.7	20.2	21.5
30	120	27.1	20.0	23.6	22.9	19.8	21.4	23.0	21.5	22.3
Mean		(23.8)	13.6	(18.7)	19.3	15.0	17.2	19.3	17.1	18.2
Abs. Max.		(29.0)	20.0	(23.6)	23.4	19.8	21.4	23.0	21.5	22.3
Abs. Min.		(13.9)	8.0	(12.5)	13.7	10.3	13.0	15.1	13.0	14.4

**BOUEIDAR - DAILY SOIL TEMPERATURE
MAY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	121	22.0	16.0	19.0	21.3	17.5	19.4	22.5	20.0	21.3
2	122	25.2	13.6	19.4	21.1	15.7	18.4	21.0	18.4	19.7
3	123	28.2	13.0	20.6	22.6	15.5	19.1	21.6	18.4	20.1
4	124	29.3	14.6	22.0	23.5	16.8	20.2	22.2	19.1	20.7
5	125	31.0	15.8	23.4	24.8	17.5	21.2	23.4	20.0	21.7
6	126	31.4	17.8	24.6	25.8	19.1	22.5	25.0	21.2	23.1
7	127	31.3	17.7	24.5	25.6	19.3	22.5	25.0	22.2	23.6
8	128	29.2	20.1	24.7	24.9	20.6	22.8	25.0	23.0	24.0
9	129	30.2	19.0	24.6	25.3	20.2	22.8	25.1	23.0	24.1
10	130	31.0	16.6	23.8	25.5	19.1	22.3	25.1	22.2	23.7
11	131	31.2	19.1	25.5	25.8	20.2	23.0	25.5	23.0	24.3
12	132	31.0	20.0	25.5	25.9	21.0	23.5	25.9	23.6	24.8
13	133	29.2	20.1	24.7	24.9	21.0	23.0	25.2	23.8	24.5
14	134	32.8	19.7	26.3	26.8	21.0	23.9	26.2	23.5	24.9
15	135	25.9	22.0	24.0	24.4	22.0	23.2	25.8	24.0	24.9
16	136	27.1	20.5	23.8	23.8	21.0	22.4	24.0	23.2	23.6
17	137	29.2	17.8	23.5	24.4	19.4	21.9	24.3	22.1	23.2
18	138	31.9	17.2	24.6	25.8	19.3	22.6	25.0	22.2	23.6
19	139	32.2	17.5	24.9	26.0	19.7	22.9	25.6	22.5	24.1
20	140	39.0	24.1	31.6	31.8	26.7	29.3	27.0	24.0	25.5
21	141	32.3	24.0	28.2	30.0	26.8	28.4	26.2	24.0	25.1
22	142	28.4	19.4	23.9	27.4	24.0	25.7	24.3	21.6	23.0
23	143	33.1	16.7	24.9	27.7	21.3	24.5	23.3	19.4	21.4
24	144	34.5	18.1	26.3	29.3	22.3	25.8	25.0	20.1	22.6
25	145	37.1	21.1	29.1	31.0	24.4	27.7	26.4	22.0	24.2
26	146	36.6	22.5	29.6	31.0	25.8	28.4	26.1	23.0	24.6
27	147	30.3	20.0	25.2	25.8	21.1	23.5	25.2	23.6	24.4
28	148	31.3	18.0	24.7	25.7	20.0	22.9	25.0	22.8	23.9
29	149	25.6	17.0	21.3	22.5	19.6	21.1	24.6	22.2	23.4
30	150	29.0	17.7	23.4	24.0	19.1	21.6	24.0	21.8	22.9
31	151	31.7	16.3	24.0	25.3	19.0	22.2	24.7	21.8	23.3
Mean		30.6	18.5	24.6	25.8	20.5	23.2	24.7	22.0	23.4
Abs.Max.		39.0	24.1	31.6	31.8	26.8	29.3	27.0	24.0	25.5
Abs.Min.		22.0	13.0	19.0	21.1	15.5	18.4	21.0	18.4	19.7

**BOUEIDAR - DAILY SOIL TEMPERATURE
JUNE 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	152	32.0	17.3	24.7	26.0	19.8	22.9	25.0	22.3	23.7
2	153	31.5	18.2	24.9	25.9	20.1	23.0	25.2	22.9	24.1
3	154	33.4	18.6	26.0	27.5	20.8	24.2	26.2	23.3	24.8
4	155	33.9	19.7	26.8	27.9	21.7	24.8	26.8	24.0	25.4
5	156	35.1	21.0	28.1	28.8	22.7	25.8	27.7	24.8	26.3
6	157	34.0	23.0	28.5	28.6	23.9	26.3	27.9	25.8	26.9
7	158	34.9	22.0	28.5	29.0	23.5	26.3	28.0	25.7	26.9
8	159	36.7	21.2	29.0	29.9	23.3	26.6	28.5	25.7	27.1
9	160	37.0	21.4	29.2	30.1	23.8	27.0	28.8	26.0	27.4
10	161	34.7	22.1	28.4	29.4	24.6	27.0	28.5	24.0	26.3
11	162	34.6	23.0	28.8	29.4	24.5	27.0	25.7	23.6	24.7
12	163	37.0	22.8	29.9	30.5	24.5	27.5	26.2	23.7	25.0
13	164	37.9	23.5	30.7	31.2	25.0	28.1	27.0	24.2	25.6
14	165	39.2	23.9	31.6	31.9	25.5	28.7	27.3	24.8	26.1
15	166	39.0	24.9	32.0	32.0	26.2	29.1	27.7	25.2	26.5
16	167	39.7	24.5	32.1	32.5	26.1	29.3	28.0	25.3	26.7
17	168	39.9	25.0	32.5	33.0	26.3	29.7	28.9	26.0	27.4
18	169	40.4	24.6	32.5	33.3	26.7	30.0	29.1	26.3	27.7
19	170	41.0	25.0	33.0	33.8	27.0	30.4	29.5	26.8	28.2
20	171	40.6	24.9	32.8	33.6	27.1	30.4	29.3	27.0	28.2
21	172	40.0	25.0	32.5	33.2	27.2	30.2	29.2	27.0	28.1
22	173	40.1	24.6	32.4	33.4	27.0	30.2	29.2	26.9	28.1
23	174	41.8	26.0	33.9	34.1	27.9	31.0	30.0	27.2	28.6
24	175	42.4	26.5	34.5	35.0	28.3	31.7	30.8	28.0	29.4
25	176	40.5	27.1	33.8	34.0	28.8	31.4	30.2	28.4	29.3
26	177	38.9	26.9	32.9	33.0	28.3	30.7	29.9	28.1	29.0
27	178	38.9	25.8	32.4	33.0	27.9	30.5	29.5	27.8	28.7
28	179	39.9	25.1	32.5	33.2	27.4	30.3	29.4	27.3	28.4
29	180	40.7	25.5	33.1	33.9	27.5	30.7	29.9	27.4	28.7
30	181	41.0	25.8	33.4	34.0	27.9	31.0	30.0	27.8	28.9
Mean		37.9	23.5	30.7	31.4	25.4	28.4	28.3	25.8	27.1
Abs.Max.		42.4	27.1	34.5	35.0	28.8	31.7	30.8	28.4	29.4
Abs.Min.		31.5	17.3	24.7	25.9	19.8	22.9	25.0	22.3	23.7

**BOUEIDAR - DAILY SOIL TEMPERATURE
JULY 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	182	40.0	27.0	33.5	34.0	28.3	31.2	30.0	28.0	29.0
2	183	39.3	26.8	33.1	33.8	28.5	31.2	29.9	28.0	29.0
3	184	40.0	24.2	32.1	33.7	27.2	30.5	29.3	27.3	28.3
4	185	40.0	23.8	31.9	33.3	27.0	30.2	29.0	27.0	28.0
5	186	38.0	22.8	30.4	32.2	26.1	29.2	28.8	26.5	27.7
6	187	37.5	24.0	30.8	31.9	26.5	29.2	28.1	26.3	27.2
7	188	36.9	24.3	30.6	31.5	26.6	29.1	28.0	26.1	27.1
8	189	38.1	24.0	31.1	32.2	26.4	29.3	28.5	26.3	27.4
9	190	37.2	25.0	31.1	32.0	26.9	29.5	28.5	26.6	27.6
10	191	37.9	24.6	31.3	32.2	26.6	29.4	28.8	26.7	27.8
11	192	39.9	24.4	32.2	33.2	26.8	30.0	29.0	26.9	28.0
12	193	41.5	24.6	33.1	34.0	27.0	30.5	29.8	27.0	28.4
13	194	39.8	25.2	32.5	33.3	27.4	30.4	29.7	27.4	28.6
14	195	39.9	26.0	33.0	33.5	27.9	30.7	29.6	27.8	28.7
15	196	38.6	24.2	31.4	32.8	27.0	29.9	29.2	27.3	28.3
16	197	39.3	24.4	31.9	33.0	27.0	30.0	29.0	27.0	28.0
17	198	39.9	24.2	32.1	33.2	26.8	30.0	29.0	26.9	28.0
18	199	39.8	24.9	32.4	33.3	27.0	30.2	29.2	27.0	28.1
19	200	39.0	26.0	32.5	33.0	27.5	30.3	29.2	27.0	28.2
20	201	41.2	25.8	33.5	34.0	27.6	30.8	30.0	27.4	28.7
21	202	41.0	27.0	34.0	34.2	28.6	31.4	30.0	28.1	29.1
22	203	40.0	27.6	33.8	34.2	28.6	31.4	30.6	28.0	29.3
23	204	40.3	27.5	33.9	34.6	29.0	31.8	30.8	28.8	29.8
24	205	40.0	26.3	33.2	34.2	28.6	31.4	30.4	28.6	29.5
25	206	39.0	27.0	33.0	33.9	28.6	31.3	30.3	28.6	29.5
26	207	38.9	26.3	32.6	33.5	28.1	30.8	30.1	28.3	29.2
27	208	40.6	27.0	33.8	34.3	28.8	31.6	30.6	28.7	29.7
28	209	40.9	25.8	33.4	34.2	28.2	31.2	30.2	28.3	29.3
29	210	38.9	24.8	31.9	33.2	28.0	30.6	30.0	28.0	29.0
30	211	37.0	25.1	31.1	32.3	27.2	29.8	29.0	27.4	28.2
31	212	37.8	24.5	31.1	32.3	26.7	29.5	29.9	27.0	28.5
Mean		39.3	25.3	32.3	33.3	27.5	30.4	29.5	27.4	28.5
Abs. Max.		41.5	27.6	34.0	34.6	29.0	31.8	30.8	28.8	29.8
Abs. Min.		36.9	22.8	30.4	31.5	26.1	29.1	28.0	26.1	27.1

**BOUEIDAR - DAILY SOIL TEMPERATURE
AUGUST 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
1	213	38.7	24.5	31.6	33.0	26.8	29.9	29.2	27.0	28.1
2	214	39.5	25.5	32.5	33.7	27.6	30.7	29.9	27.6	28.8
3	215	39.9	25.2	32.6	33.8	27.5	30.7	30.0	27.9	29.0
4	216	39.0	25.0	32.0	33.3	27.5	30.4	29.6	27.8	28.7
5	217	38.5	25.0	31.8	33.0	27.2	30.1	29.6	27.5	28.6
6	218	39.9	26.0	33.0	33.6	27.7	30.7	30.0	27.9	29.0
7	219	41.0	26.5	33.8	34.4	28.2	31.3	30.4	28.2	29.3
8	220	41.0	26.2	33.6	34.3	28.4	31.4	30.4	28.4	29.4
9	221	40.2	25.8	33.0	34.0	28.0	31.0	30.3	28.2	29.3
10	222	38.3	26.4	32.4	33.0	28.2	30.6	30.2	28.3	29.3
11	223	38.8	26.2	32.5	33.0	27.8	30.4	29.9	28.0	29.0
12	224	40.3	26.2	33.3	34.0	28.3	31.2	30.2	28.3	29.3
13	225	41.9	26.5	34.2	34.6	28.3	31.5	30.6	28.4	29.5
14	226	40.0	26.2	33.1	33.8	28.2	31.0	30.6	28.6	29.6
15	227	39.3	26.0	32.7	33.6	28.0	30.8	30.2	28.2	29.2
16	228	39.9	26.9	33.4	33.9	28.3	31.1	30.0	28.4	29.2
17	229	38.3	26.9	32.6	33.1	28.3	30.7	30.0	28.3	29.2
18	230	38.3	26.1	32.2	33.0	28.0	30.5	30.0	28.0	29.0
19	231	38.5	25.4	32.0	33.0	27.5	30.3	29.8	27.4	28.6
20	232	39.3	25.9	32.6	33.6	28.0	30.8	29.8	27.8	28.8
21	233	39.1	26.0	32.6	33.7	28.0	30.9	29.9	28.0	29.0
22	234	38.8	25.2	32.0	33.3	27.9	30.6	29.8	27.9	28.9
23	235	38.5	25.1	31.8	33.0	27.8	30.4	29.6	27.8	28.7
24	236	39.2	25.0	32.1	33.4	27.6	30.5	29.6	27.6	28.6
25	237	38.1	25.7	31.9	33.0	27.9	30.5	29.5	27.8	28.7
26	238	37.5	24.0	30.8	31.8	26.8	29.3	29.0	27.0	28.0
27	239	38.0	22.7	30.4	31.5	25.6	28.6	28.3	26.2	27.3
28	240	37.0	23.0	30.0	31.0	25.7	28.4	28.0	26.1	27.1
29	241	37.0	22.2	29.6	31.0	25.2	28.1	28.0	25.9	27.0
30	242	36.8	22.7	29.8	30.8	25.1	28.0	27.8	25.8	26.8
31	243	36.2	22.2	29.2	30.2	25.0	27.6	27.5	25.5	26.5
Mean		38.9	25.2	32.1	33.0	27.4	30.3	29.6	27.6	28.6
Abs. Max.		41.9	26.9	34.2	34.6	28.4	31.5	30.6	28.6	29.6
Abs. Min.		36.2	22.2	29.2	30.2	25.0	27.6	27.5	25.5	26.5

MRAGHA

(SYRIA)

1990-1991 Season

Latitude
35°33'N

Longitude
37°40'E

Elevation
370 m

The data for this site come from an automatic weather station which has been set up on 19 July 1991.

PAR = Photosynthetically Active Radiation

**MRAGHA - DAILY AIR TEMPERATURE
AUGUST 1991**

Day	Jul Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Max. Temp. +5cm °C	Min. Temp. +5cm °C	Mean Temp. +5cm °C	Max. Temp. ±0cm °C	Min. Temp. ±0cm °C	Mean Temp. ±0cm °C
20	232	36.7	20.1	27.9	39.6	19.5	28.8	42.9	19.9	29.8
21	233	38.2	20.0	28.2	40.8	19.3	28.8	42.5	19.6	30.3
22	234	37.9	19.3	27.8	40.6	18.5	28.4	42.6	18.9	29.4
23	235	37.6	18.5	27.4	40.3	18.0	27.9	42.2	18.3	29.0
24	236	38.3	18.7	28.2	40.7	18.1	28.8	44.8	18.4	30.0
25	237	35.7	16.0	25.7	38.5	15.0	26.3	40.6	15.3	27.4
26	238	34.7	15.7	24.9	37.6	15.0	25.4	39.9	15.1	26.6
27	239	36.3	15.4	25.6	39.1	14.4	26.0	41.2	14.9	27.1
28	240	35.9	16.0	25.3	38.4	15.1	25.7	40.2	15.5	26.7
29	241	34.6	15.5	24.4	37.4	13.8	24.8	39.4	14.2	26.0
30	242	34.5	15.3	24.7	37.4	14.2	25.1	39.1	14.6	26.3
31	243	33.3	16.6	24.6	36.1	15.5	25.1	40.8	15.6	26.3
Mean		36.1	17.3	26.2	38.9	16.4	26.8	41.3	16.7	27.9
Abs. Max.		38.3	20.1	28.2	40.8	19.5	28.8	44.8	19.9	30.0
Abs. Min.		33.3	15.3	24.4	36.1	13.8	24.8	39.1	14.2	26.0

**MRAGHA - DAILY SOIL TEMPERATURE
AUGUST 1991**

Day	Jul Day	Max. Temp. -5cm °C	Min. Temp. -5cm °C	Mean Temp. -5cm °C	Max. Temp. -10cm °C	Min. Temp. -10cm °C	Mean Temp. -10cm °C	Max. Temp. -20cm °C	Min. Temp. -20cm °C	Mean Temp. -20cm °C
20	232	41.0	25.5	32.7	34.9	29.1	32.0	32.6	29.5	31.1
21	233	40.7	25.9	32.5	34.7	29.3	31.9	32.6	29.7	31.1
22	234	39.9	25.0	31.8	34.3	29.0	31.5	32.3	29.5	30.9
23	235	40.1	24.5	31.4	34.0	28.5	31.0	32.1	29.1	30.6
24	236	41.1	24.5	32.2	34.2	28.1	31.2	32.0	28.8	30.5
25	237	39.8	22.5	30.8	33.8	27.7	30.8	31.8	29.0	30.3
26	238	38.1	22.2	29.4	32.6	26.9	29.6	30.9	28.1	29.4
27	239	39.0	22.2	29.5	32.6	26.4	29.4	30.7	27.4	29.1
28	240	37.9	22.2	29.1	32.1	26.3	29.0	30.2	27.3	28.8
29	241	38.3	21.8	29.1	32.1	26.1	28.9	30.2	27.0	28.6
30	242	37.9	21.4	29.0	31.9	25.9	28.8	30.0	26.9	28.5
31	243	37.9	21.4	29.1	31.8	25.7	28.7	29.9	26.7	28.3
Mean		39.3	23.3	30.6	33.3	27.4	30.2	31.3	28.3	29.8
Abs.Max.		41.1	25.9	32.7	34.9	29.3	32.0	32.6	29.7	31.1
Abs.Min.		37.9	21.4	29.0	31.8	25.7	28.7	29.9	26.7	28.3

**MRAGHA - DAILY CLIMATIC DATA
AUGUST 1991**

Day	Jul. Day	Global Solar Rad. MJ/m ²	PAR E/m ²	Mean Wind Vel.2m km/h	Max. Wind Vel.2m km/h	Rain Met. Stn. mm
20	232	26.5	m	16.2	32.8	0.0
21	233	26.5	52.4	19.1	29.9	0.0
22	234	26.6	52.1	17.3	31.3	0.0
23	235	26.3	52.0	18.4	36.0	0.0
24	236	26.3	51.3	17.3	34.2	0.0
25	237	25.7	50.9	15.6	28.4	0.0
26	238	26.5	50.5	5.8	29.5	0.0
27	239	26.8	51.7	14.8	35.6	0.0
28	240	25.8	51.6	15.8	33.1	0.0
29	241	25.8	50.1	20.5	37.1	0.0
30	242	25.2	50.8	15.8	32.4	0.0
31	243	25.9	49.5	14.8	30.6	0.0
Mean or Total		26.2	(51.2)	15.9	32.6	0.0
Abs.Max.		26.8	(52.4)	20.5	37.1	0.0
Abs.Min.		25.2	(49.5)	5.8	28.4	0.0

TERBOL
(LEBANON)

1990-1991 Season

Latitude	Longitude	Elevation
33°49'N	35°59'E	890 m

**Mean maximum and minimum air temperature (°C)
from 1981-82 to 1990-91 season at TERBOL.**

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Mean
Maximum Temperature													
1981-82	m	m	m	m	m	10.1	14.1	22.2	25.6	(26.2)	m	(31.3)	(15.8)
1982-83	(33.6)	(25.2)	16.1	11.3	6.2	9.3	14.7	19.8	25.7	29.8	(33.4)	(32.2)	(20.3)
1983-84	m	(22.7)	20.3	14.5	11.9	(14.7)	17.0	18.7	27.6	30.6	32.3	30.8	(22.0)
1984-85	33.3	31.4	18.9	13.1	13.9	9.8	16.9	22.2	27.4	30.6	32.3	36.5	23.8
1985-86	31.1	23.4	21.6	13.9	12.0	14.5	18.9	23.7	23.1	29.4	33.8	33.7	23.2
1986-87	32.7	25.0	15.0	11.4	13.5	15.1	11.3	20.2	27.7	30.8	34.4	33.3	22.5
1987-88	31.8	24.4	20.0	12.7	10.8	10.8	13.5	22.0	28.0	30.7	33.7	32.2	22.6
1988-89	31.0	23.9	16.2	12.2	8.4	13.0	17.2	27.5	27.7	29.9	33.0	33.2	22.8
1989-90	30.8	24.2	18.8	14.1	9.9	10.1	16.8	21.6	27.0	30.9	33.3	32.3	22.5
1990-91	31.0	27.0	21.9	16.3	11.3	12.6	17.2	22.3	24.3	31.5	31.7	32.3	23.3
Mean	31.6	25.6	18.7	13.2	10.8	11.7	15.7	22.0	26.4	30.4	33.0	33.0	22.7
Minimum Temperature													
1981-82	m	m	m	m	m	-1.2	1.2	6.4	6.6	(5.7)	m	(10.6)	(4.7)
1982-83	(11.1)	(5.9)	0.5	-3.2	-3.9	-1.3	0.3	2.9	5.7	6.6	(9.4)	(9.1)	(2.9)
1983-84	m	(4.8)	3.6	-0.8	-1.2	(-2.2)	1.1	2.3	5.4	7.6	9.3	8.1	(3.5)
1984-85	6.8	4.3	2.6	-4.1	-0.3	-0.8	0.2	4.1	8.8	9.5	10.5	14.3	4.6
1985-86	9.7	6.4	4.3	1.3	0.4	0.3	1.4	5.2	5.2	10.2	10.8	11.1	5.5
1986-87	12.4	8.7	2.2	-0.6	0.3	1.9	1.1	4.3	6.6	8.8	12.5	12.8	5.9
1987-88	10.0	6.9	1.3	2.1	0.0	-0.5	1.8	5.4	8.7	11.4	13.6	13.9	6.2
1988-89	11.2	8.0	2.8	1.6	-3.0	-2.6	2.1	5.9	7.8	10.0	12.8	11.5	5.7
1989-90	9.6	6.1	3.6	-0.8	-2.2	-1.2	-0.9	3.7	5.7	8.3	9.5	11.3	4.4
1990-91	10.0	7.8	4.8	2.1	-0.4	0.8	4.0	5.8	7.7	9.4	11.2	12.1	6.3
Mean	9.9	6.8	2.8	-0.2	-1.1	-0.5	1.2	4.6	6.8	9.0	11.2	11.8	5.2

**Total monthly precipitation (mm)
from 1981-82 to 1990-91 season at TERBOL**

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Precipitation													
1981-82	(0.0)	0.0	58.0	13.0	58.0	138.4	89.0	38.4	12.8	(1.0)	m	(0.0)	(408)
1982-83	(0.0)	(7.8)	74.6	32.6	12.6	133.6	93.4	29.5	31.0	1.4	(0.0)	(0.0)	(417)
1983-84	m	(11.4)	67.0	46.4	149.6	(44.8)	171.2	104.2	0.0	0.0	3.4	0.0	(598)
1984-85	0.0	54.0	69.8	53.8	105.6	183.8	21.3	2.0	4.0	0.0	0.0	0.0	494
1985-86	0.0	35.0	11.0	104.2	87.9	108.6	27.0	7.0	7.0	4.0	0.0	0.0	392
1986-87	0.0	53.0	138.4	133.6	125.8	58.5	165.8	8.0	0.0	0.0	0.0	0.0	683
1987-88	0.0	22.4	52.4	164.7	153.4	113.2	187.2	8.2	7.0	0.0	0.0	0.0	709
1988-89	0.0	38.2	48.8	145.6	36.2	22.2	39.4	7.2	6.0	0.0	0.0	0.0	344
1989-90	0.0	9.4	56.8	43.0	54.6	91.5	40.2	13.2	8.4	0.0	0.0	0.0	317
1990-91	0.0	8.0	47.8	42.6	128.8	80.0	121.8	44.6	57.8	0.0	0.0	0.0	531
Mean	0.0	28.9	56.1	77.9	91.2	103.3	95.6	26.2	13.4	0.6	0.4	0.0	494

**FROST EVENTS AT TERBOL
FROM 1981-82 TO 1990-91 SEASON**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
1981-1982 Season									
Number of frost days	m	m	m	m	19	13	.	.	(32)
Absolute Minimum					-16.0	-4.5			(-16.0)
1982-1983 Season									
Number of frost days	.	17	27	27	19	15	7	1	113
Absolute Minimum		-5.5	-8.0	-10.0	-10.0	-4.0	-2.0	0.0	-10.0
1983-1984 Season									
Number of frost days	.	3	21	21	(18)	14	8	2	(87)
Absolute Minimum		-2.0	-4.5	-5.0	(-6.0)	-5.0	-1.5	0.0	(-6.0)
1984-1985 Season									
Number of frost days	5	4	30	15	18	18	1	.	91
Absolute Minimum	-1.0	-3.0	-8.0	-8.5	-14.5	-3.0	-2.5		-14.5
1985-1986 Season									
Number of frost days	3	2	11	17	15	13	1	.	62
Absolute Minimum	0.0	-5.0	-6.0	-5.0	-3.0	0.0	0.0		-6.0
1986-1987 Season									
Number of frost days	.	12	19	14	7	12	1	1	66
Absolute Minimum		-3.0	-4.5	-4.0	-2.5	-3.5	-0.5	0.0	-4.5
1987-1988 Season									
Number of frost days	1	12	6	13	19	7	.	.	58
Absolute Minimum	-0.5	-3.0	-8.0	-8.5	-14.5	-3.0			-14.5
1988-1989 Season									
Number of frost days	.	10	11	27	22	7	1	.	78
Absolute Minimum		-8.0	-5.0	-8.5	-10.0	-3.5	0.0		-10.0
1989-1990 Season									
Number of frost days	1	6	21	20	18	19	8	3	96
Absolute Minimum	0.0	-2.5	-7.5	-8.0	-6.0	-5.0	-5.0	-2.5	-8.0
1990-1991 Season									
Number of frost days	.	2	10	21	15	7	1	.	56
Absolute Minimum		-2.0	-4.0	-6.0	-4.0	-3.0	-1.0		-6.0

TERBOL 1990/91
Air Temperature

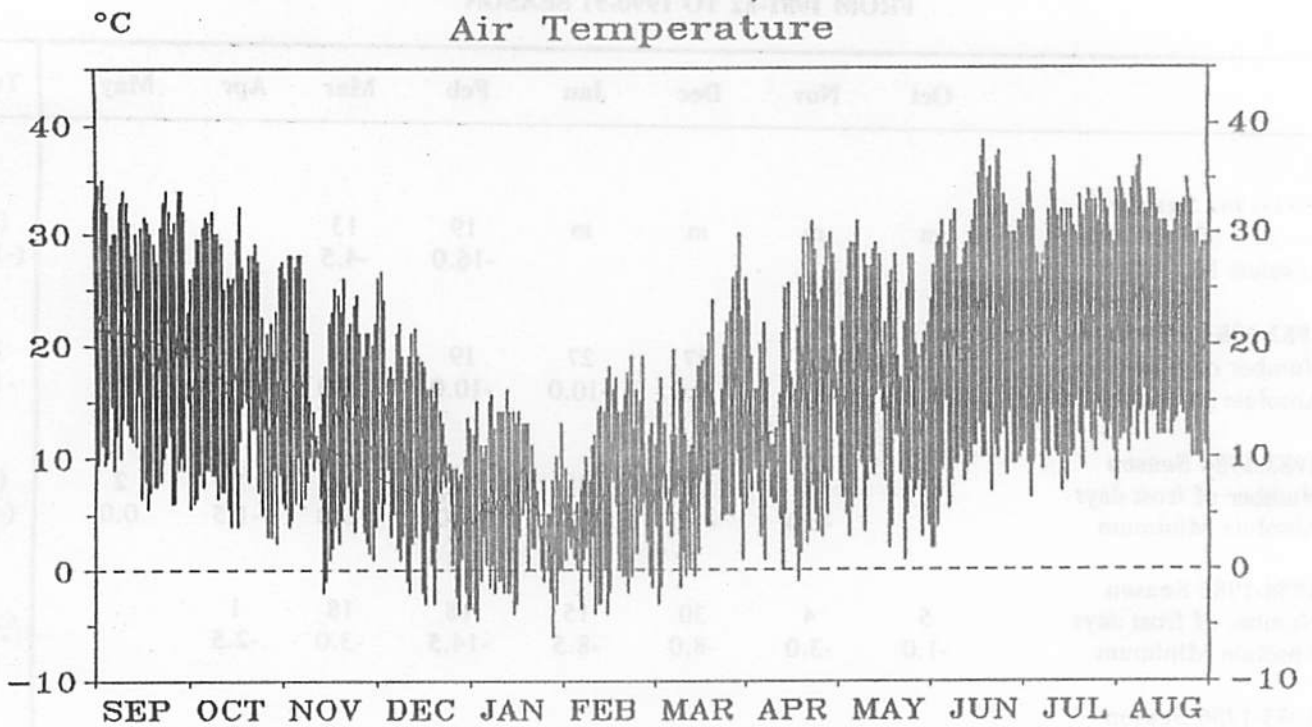


Figure 15: Daily maximum and minimum air temperature (vertical bars) and daily mean air temperature during 1990/91 (thin solid line) compared to the long term average (broken line).

TERBOL 1990/91
Cumulative Rainfall

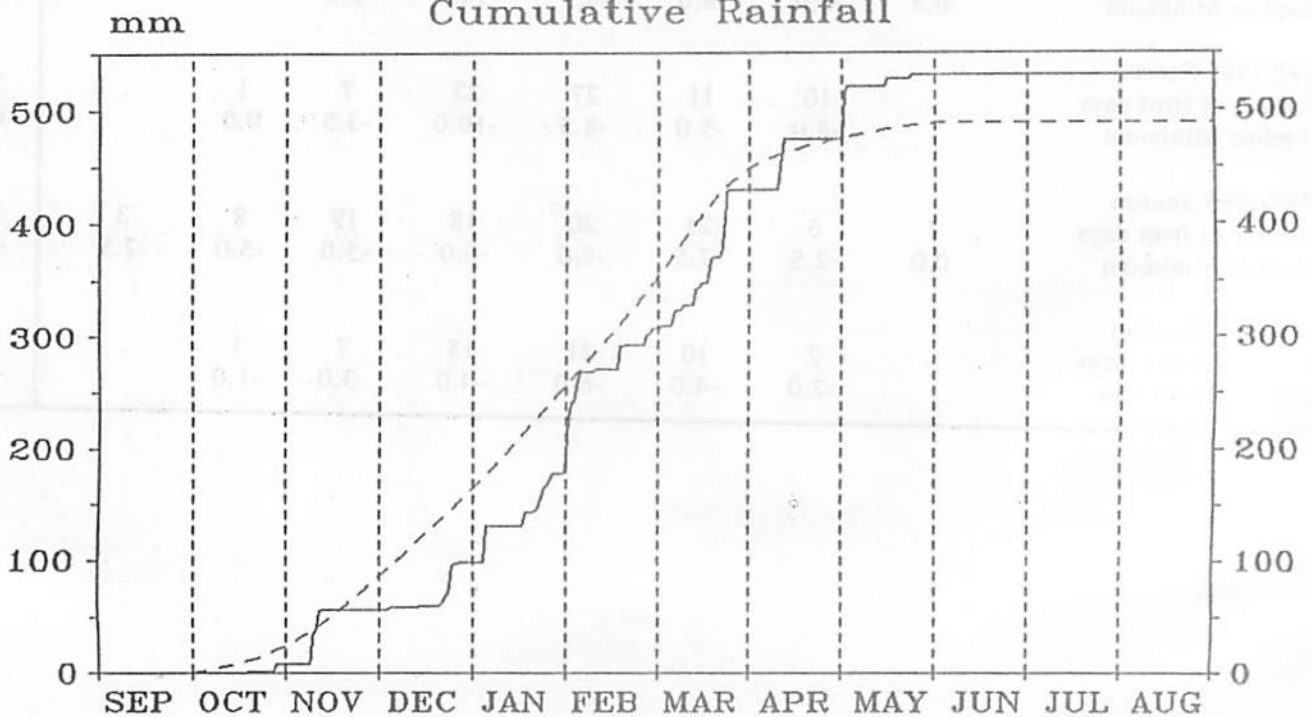


Figure 16: Cumulative daily rainfall 1990/91 compared to the long term average (broken line).

TERBOL - MONTHLY SUMMARY OF CLIMATIC DATA I
SEASON 1990/91

Month	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²
September				
Mean	31.0	10.0	20.5	25.1
Abs. Max.	35.0	15.5	23.8	30.0
Abs. Min.	23.0	5.5	17.5	17.4
October				
Mean	27.0	7.8	17.4	18.4
Abs. Max.	32.5	15.0	22.0	22.8
Abs. Min.	19.0	2.5	12.0	8.9
November				
Mean	21.9	4.8	13.4	13.2
Abs. Max.	28.0	10.0	19.0	18.6
Abs. Min.	12.0	-2.0	6.8	8.1
December				
Mean	16.3	2.1	9.2	10.2
Abs. Max.	26.5	9.0	16.0	13.6
Abs. Min.	8.0	-4.0	2.0	2.1
January				
Mean	11.3	-0.4	5.5	9.7
Abs. Max.	16.0	6.0	9.5	15.4
Abs. Min.	4.0	-6.0	1.0	3.0
February				
Mean	12.6	0.8	6.7	12.8
Abs. Max.	19.0	8.0	12.5	20.7
Abs. Min.	4.0	-4.0	1.8	3.6
March				
Mean	17.2	4.0	10.6	16.2
Abs. Max.	30.0	10.5	18.5	27.5
Abs. Min.	6.0	-3.0	5.0	5.7
April				
Mean	22.3	5.8	14.1	22.6
Abs. Max.	31.0	16.0	22.0	31.5
Abs. Min.	11.0	-1.0	8.5	7.3
May				
Mean	24.3	7.7	16.0	28.1
Abs. Max.	31.0	16.0	22.3	35.5
Abs. Min.	16.0	1.0	11.5	7.8
June				
Mean	31.5	9.4	20.4	32.4
Abs. Max.	38.5	15.0	24.8	36.6
Abs. Min.	24.0	2.0	13.0	29.1
July				
Mean	31.7	11.2	21.4	31.4
Abs. Max.	37.0	15.0	24.0	37.9
Abs. Min.	26.0	6.5	18.5	26.0
August				
Mean	32.3	12.1	22.2	28.3
Abs. Max.	37.0	16.0	25.5	33.3
Abs. Min.	28.5	8.0	19.3	23.6
Season				
Mean	23.3	6.3	14.8	20.7
Abs. Max.	38.5	16.0	25.5	37.9
Abs. Min.	4.0	-6.0	1.0	2.1

**TERBOL - MONTHLY SUMMARY OF CLIMATIC DATA II
SEASON 1990/91**

Month	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm	Rain Net. Stn. mm
September						
Mean/Tot.	84.2	15.4	49.7	180.3	12.3	0.0
Abs.Max.	91.0	55.0	69.5	333.2	14.1	0.0
Abs.Min.	73.0	3.0	41.5	59.4	9.6	0.0
October						
Mean/Tot.	82.8	30.5	56.7	154.9	9.6	8.0
Abs.Max.	88.0	61.0	72.5	412.8	12.2	7.0
Abs.Min.	62.5	8.0	44.5	102.6	2.2	0.0
November						
Mean/Tot.	85.6	29.0	57.3	146.8	4.3	47.8
Abs.Max.	97.0	66.0	78.0	441.7	7.0	25.8
Abs.Min.	63.0	10.0	41.5	55.6	1.7	0.0
December						
Mean/Tot.	86.1	29.6	57.8	157.9	3.0	42.6
Abs.Max.	96.0	61.0	73.0	415.0	4.3	25.0
Abs.Min.	72.0	4.0	39.5	63.7	1.1	0.0
January						
Mean/Tot.	88.5	38.5	63.5	141.6	2.5	128.8
Abs.Max.	96.0	79.0	84.5	491.7	4.4	48.0
Abs.Min.	75.0	10.0	51.5	38.6	0.7	0.0
February						
Mean/Tot.	86.7	35.6	61.2	182.9	3.0	80.0
Abs.Max.	97.0	71.0	82.0	573.8	4.7	20.6
Abs.Min.	67.0	10.0	46.5	77.8	0.6	0.0
March						
Mean/Tot.	90.6	32.7	61.7	175.3	2.8	121.8
Abs.Max.	98.0	65.0	78.5	429.2	6.1	46.0
Abs.Min.	65.0	8.0	47.0	64.2	0.2	0.0
April						
Mean/Tot.	84.4	23.8	54.1	212.6	5.1	44.6
Abs.Max.	100.0	66.0	76.5	484.8	9.2	24.0
Abs.Min.	60.0	8.0	36.0	65.4	2.2	0.0
May						
Mean/Tot.	87.3	22.9	55.1	228.3	4.9	57.8
Abs.Max.	99.0	50.0	73.0	456.1	7.4	41.0
Abs.Min.	65.0	6.0	39.0	83.6	0.8	0.0
June						
Mean/Tot.	86.3	19.7	53.0	201.3	11.9	0.0
Abs.Max.	91.5	43.0	65.5	285.5	14.9	0.0
Abs.Min.	78.5	3.0	44.5	137.3	5.7	0.0
July						
Mean/Tot.	86.8	28.7	57.8	267.2	14.9	0.0
Abs.Max.	90.0	54.0	70.3	359.8	17.4	0.0
Abs.Min.	82.0	3.0	44.8	153.2	12.3	0.0
August						
Mean/Tot.	87.1	31.1	59.1	229.7	13.3	0.0
Abs.Max.	97.5	55.0	70.0	333.3	17.4	0.0
Abs.Min.	82.0	4.0	46.0	119.8	7.6	0.0
Season						
Mean/Tot.	86.4	28.1	57.3	190.0	7.3	531.4
Abs.Max.	100.0	79.0	84.5	573.8	17.4	48.0
Abs.Min.	60.0	3.0	36.0	38.6	0.2	0.0

TERBOL - WEEKLY SUMMARY OF CLIMATIC DATA I
SEASON 1990/91

Week Starting §-8 days	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m²
27-Aug	33.6	11.2	22.4	27.9
3-Sep	31.6	11.2	21.4	26.9
10-Sep	29.9	11.1	20.5	25.7
17-Sep	30.7	8.1	19.4	24.6
24-Sep	30.9	9.6	20.2	22.5
1-Oct	29.3	7.4	18.4	22.0
8-Oct	28.2	6.7	17.5	20.7
15-Oct	28.1	10.7	19.4	15.9
22-Oct	22.9	7.4	15.1	16.1
29-Oct	26.6	5.3	16.0	16.2
5-Nov	20.6	8.4	14.5	11.5
12-Nov	20.2	1.9	11.0	13.7
19-Nov	23.0	5.6	14.3	12.6
26-Nov	22.2	3.3	12.8	12.9
3-Dec	19.7	4.1	11.9	11.1
10-Dec	19.1	0.6	9.9	11.8
17-Dec	14.5	3.8	9.1	8.5
24-Dec§	10.0	-0.7	4.7	9.1
1-Jan	12.8	-1.0	5.9	10.1
8-Jan	14.1	-2.0	6.0	12.5
15-Jan	12.3	2.1	7.2	8.3
22-Jan	6.7	-1.0	2.9	9.8
29-Jan	7.7	1.0	4.4	7.1
5-Feb	10.0	-0.8	4.6	14.2
12-Feb	15.8	0.7	8.3	13.3
19-Feb	15.6	1.4	8.5	14.6
26-Feb	13.6	0.9	7.2	13.4
5-Mar	13.6	3.8	8.7	13.6
12-Mar	14.9	3.2	9.0	10.9
19-Mar	18.1	6.4	12.2	17.0
26-Mar	25.1	5.5	15.3	23.8
2-Apr	19.1	6.4	12.8	20.4
9-Apr	17.4	5.9	11.6	19.5
16-Apr	23.4	4.0	13.7	26.7
23-Apr	27.8	5.8	16.8	26.2
30-Apr	24.1	8.0	16.0	24.9
7-May	27.9	8.0	17.9	27.9
14-May	25.4	10.2	17.8	26.0
21-May	22.7	6.9	14.8	29.9
28-May	23.1	4.3	13.7	31.6
4-Jun	29.6	9.0	19.3	32.7
11-Jun	30.6	10.3	20.4	33.2
18-Jun	36.4	10.6	23.5	32.1
25-Jun	31.1	10.6	20.9	31.6
2-Jul	30.8	10.4	20.6	32.3
9-Jul	32.2	10.3	21.3	32.8
16-Jul	31.8	11.2	21.5	30.4
23-Jul	32.9	12.6	22.8	30.2
30-Jul	32.4	11.1	21.8	30.6
6-Aug	34.3	13.4	23.9	28.4
13-Aug	31.3	12.9	22.1	28.1
20-Aug	32.4	12.7	22.6	27.1
27-Aug	29.4	10.4	19.9	27.5

**TERBOL - WEEKLY SUMMARY OF CLIMATIC DATA II
SEASON 1990/91**

Week Starting §=8 days	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm	Rain Met. Stn. mm
27-Aug	83.9	12.9	48.4	169.1	13.0	0.0
3-Sep	85.6	16.1	50.6	183.8	12.7	0.0
10-Sep	84.7	19.6	52.1	216.1	11.4	0.0
17-Sep	85.1	10.1	47.6	149.8	13.2	0.0
24-Sep	81.4	17.9	49.6	182.9	11.4	0.0
1-Oct	84.4	28.0	56.2	135.0	10.1	0.0
8-Oct	84.0	28.9	56.4	153.0	10.7	0.0
15-Oct	79.1	35.6	57.4	154.7	11.4	1.0
22-Oct	84.0	37.4	60.8	186.2	7.5	7.0
29-Oct	81.9	15.9	48.9	134.0	6.6	0.0
5-Nov	84.9	42.1	63.5	254.9	5.1	47.6
12-Nov	91.9	27.3	59.6	102.5	3.6	0.2
19-Nov	82.7	23.9	53.3	124.4	3.5	0.0
26-Nov	83.0	24.1	53.6	110.3	3.6	0.0
3-Dec	87.4	28.3	57.9	144.2	3.1	3.0
10-Dec	86.0	20.3	53.1	133.4	3.4	0.6
17-Dec	86.2	41.0	63.6	231.0	2.6	10.6
24-Dec§	86.8	32.9	59.8	131.9	2.8	28.4
1-Jan	91.3	41.6	66.4	114.0	3.3	32.8
8-Jan	88.7	24.4	56.7	100.5	3.1	0.2
15-Jan	86.7	39.1	62.9	162.0	2.3	16.0
22-Jan	88.9	40.3	64.6	131.0	1.3	30.6
29-Jan	84.9	56.0	70.4	292.6	2.0	90.0
5-Feb	85.6	33.1	59.4	142.3	2.5	2.8
12-Feb	85.9	23.7	54.8	181.7	3.8	21.0
19-Feb	86.5	27.9	57.2	166.9	4.2	0.8
26-Feb	94.9	46.4	70.6	150.6	1.8	17.6
5-Mar	86.3	36.4	61.3	292.0	2.1	17.8
12-Mar	93.9	40.4	67.2	150.2	2.2	40.2
19-Mar	91.6	35.1	63.4	141.3	2.5	60.8
26-Mar	88.0	14.7	51.4	122.1	5.0	0.0
2-Apr	81.3	29.7	55.5	298.5	4.0	0.2
9-Apr	83.0	36.0	59.5	252.3	3.4	44.4
16-Apr	83.0	14.9	48.9	181.3	4.3	0.0
23-Apr	88.7	15.3	52.0	144.2	8.0	0.0
30-Apr	91.7	25.7	58.7	153.4	4.1	47.0
7-May	84.9	15.9	50.4	196.9	6.1	0.0
14-May	87.4	21.3	54.4	260.4	4.5	7.4
21-May	85.4	26.1	55.9	266.5	5.4	3.4
28-May	86.9	26.4	56.6	250.6	5.6	0.0
4-Jun	85.4	17.2	51.3	216.3	10.4	0.0
11-Jun	86.6	23.1	54.9	185.0	11.7	0.0
18-Jun	87.9	10.7	49.3	176.4	13.9	0.0
25-Jun	86.2	30.0	58.1	234.4	14.3	0.0
2-Jul	87.2	25.1	56.2	260.3	15.3	0.0
9-Jul	85.9	23.2	54.6	236.2	15.7	0.0
16-Jul	86.7	32.4	59.6	265.7	14.1	0.0
23-Jul	86.6	31.2	58.9	289.3	14.6	0.0
30-Jul	87.5	30.4	59.0	283.1	16.1	0.0
6-Aug	87.1	25.0	56.1	204.5	16.5	0.0
13-Aug	87.1	40.7	63.9	233.6	11.8	0.0
20-Aug	86.6	27.6	57.1	183.6	11.9	0.0
27-Aug	86.4	31.9	59.1	268.1	10.0	0.0

TERBOL - DAILY CLIMATIC DATA I
SEPTEMBER 1990

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²
1	244	34.5	9.5	22.0	28.6
2	245	35.0	11.0	23.0	25.8
3	246	33.0	9.5	21.3	28.4
4	247	32.0	10.0	21.0	26.7
5	248	29.0	14.5	21.8	26.9
6	249	30.0	9.0	19.5	27.7
7	250	30.0	12.0	21.0	26.4
8	251	33.0	10.0	21.5	26.5
9	252	34.0	13.5	23.8	26.1
10	253	33.0	13.0	23.0	24.9
11	254	31.0	12.0	21.5	25.8
12	255	28.0	11.5	19.8	25.7
13	256	30.0	11.0	20.5	25.0
14	257	25.0	15.5	20.3	30.0
15	258	30.5	6.5	18.5	25.7
16	259	31.5	8.0	19.8	22.6
17	260	31.0	5.5	18.3	26.2
18	261	30.0	7.0	18.5	25.2
19	262	29.0	7.5	18.3	24.4
20	263	27.5	7.5	17.5	25.2
21	264	30.5	8.0	19.3	24.8
22	265	33.0	10.0	21.5	23.1
23	266	34.0	11.0	22.5	23.7
24	267	32.0	12.0	22.0	24.1
25	268	30.0	6.0	18.0	23.5
26	269	31.0	6.0	18.5	24.3
27	270	34.0	9.0	21.5	23.1
28	271	34.0	10.0	22.0	22.4
29	272	32.0	9.0	20.5	22.9
30	273	23.0	15.0	19.0	17.4
Mean		31.0	10.0	20.5	25.1
Abs. Max.		35.0	15.5	23.8	30.0
Abs. Min.		23.0	5.5	17.5	17.4

TERBOL - DAILY CLIMATIC DATA I
OCTOBER 1990

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²
1	274	26.0	5.5	15.8	22.5
2	275	27.0	6.0	16.5	22.8
3	276	29.5	6.5	18.0	21.5
4	277	29.5	8.5	19.0	21.7
5	278	30.5	7.5	19.0	21.9
6	279	31.5	9.0	20.3	21.0
7	280	31.0	9.0	20.0	22.6
8	281	32.0	8.5	20.3	19.8
9	282	30.0	8.5	19.3	21.3
10	283	30.0	6.5	18.3	21.0
11	284	29.0	7.0	18.0	22.0
12	285	25.0	7.0	16.0	20.3
13	286	26.0	5.5	15.8	21.7
14	287	25.5	4.0	14.8	19.2
15	288	26.0	9.5	17.8	20.5
16	289	29.5	4.0	16.8	17.3
17	290	32.5	11.5	22.0	14.7
18	291	27.0	14.5	20.8	8.9
19	292	26.0	15.0	20.5	18.8
20	293	28.0	8.0	18.0	16.0
21	294	28.0	12.5	20.3	15.0
22	295	29.0	12.5	20.8	19.9
23	296	27.5	7.0	17.3	17.7
24	297	22.5	5.0	13.8	11.4
25	298	19.0	12.5	15.8	13.6
26	299	21.0	3.0	12.0	16.6
27	300	22.0	3.0	12.5	16.5
28	301	19.0	9.0	14.0	16.8
29	302	23.0	2.5	12.8	16.5
30	303	27.0	8.5	17.8	16.5
31	304	27.5	6.0	16.8	13.5
Mean		27.0	7.8	17.4	18.4
Abs.Max.		32.5	15.0	22.0	22.8
Abs.Min.		19.0	2.5	12.0	8.9

TERBOL - DAILY CLIMATIC DATA I
NOVEMBER 1990

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²
1	305	26.0	5.5	15.8	17.6
2	306	28.0	4.0	16.0	17.8
3	307	28.0	4.5	16.3	18.6
4	308	27.0	6.0	16.5	12.9
5	309	28.0	10.0	19.0	15.2
6	310	28.0	5.5	16.8	14.9
7	311	26.0	6.5	16.3	10.1
8	312	21.0	8.0	14.5	12.7
9	313	15.0	10.0	12.5	8.2
10	314	14.0	9.0	11.5	8.1
11	315	12.0	10.0	11.0	11.5
12	316	13.0	6.5	9.8	10.8
13	317	15.6	-2.0	6.8	15.7
14	318	18.0	-1.0	8.5	13.5
15	319	22.0	1.0	11.5	14.4
16	320	23.0	2.0	12.5	14.4
17	321	25.0	4.0	14.5	13.4
18	322	24.5	2.5	13.5	13.8
19	323	23.0	4.5	13.8	10.2
20	324	26.0	6.0	16.0	14.8
21	325	21.0	7.5	14.3	13.6
22	326	22.0	5.0	13.5	12.5
23	327	23.5	3.5	13.5	13.2
24	328	24.5	5.5	15.0	12.6
25	329	21.0	7.5	14.3	10.8
26	330	19.0	3.5	11.3	13.2
27	331	21.0	2.5	11.8	14.0
28	332	21.0	1.5	11.3	13.0
29	333	20.0	1.0	10.5	12.7
30	334	22.0	4.0	13.0	12.7
Mean		21.9	4.8	13.4	13.2
Abs.Max.		28.0	10.0	19.0	18.6
Abs.Min.		12.0	-2.0	6.8	8.1

TERBOL - DAILY CLIMATIC DATA I
DECEMBER 1990

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²
1	335	26.0	6.0	16.0	13.2
2	336	26.5	4.5	15.5	11.4
3	337	24.0	6.0	15.0	9.5
4	338	17.0	9.0	13.0	10.4
5	339	18.0	3.0	10.5	10.1
6	340	17.0	5.0	11.0	10.7
7	341	21.0	2.0	11.5	12.1
8	342	22.0	1.0	11.5	13.6
9	343	19.0	3.0	11.0	11.5
10	344	17.0	-1.0	8.0	13.1
11	345	19.0	-2.0	8.5	12.9
12	346	21.0	2.5	11.8	10.6
13	347	21.5	3.0	12.3	8.4
14	348	19.0	6.5	12.8	11.0
15	349	18.5	-2.0	8.3	12.8
16	350	18.0	-3.0	7.5	13.6
17	351	16.0	3.5	9.8	9.7
18	352	16.0	0.5	8.3	12.3
19	353	15.0	-3.0	6.0	9.1
20	354	16.5	2.5	9.5	10.2
21	355	14.0	7.0	10.5	7.2
22	356	13.0	8.5	10.8	8.6
23	357	11.0	7.5	9.3	2.1
24	358	9.5	8.5	9.0	2.7
25	359	9.0	0.5	4.8	10.4
26	360	9.0	-2.5	3.3	10.1
27	361	8.0	-4.0	2.0	11.4
28	362	8.5	1.0	4.8	7.4
29	363	10.0	-2.0	4.0	9.0
30	364	13.5	-3.5	5.0	11.2
31	365	12.5	-3.5	4.5	10.8
Mean		16.3	2.1	9.2	10.2
Abs.Max.		26.5	9.0	16.0	13.6
Abs.Min.		8.0	-4.0	2.0	2.1

TERBOL - DAILY CLIMATIC DATA I
JANUARY 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²
1	1	12.0	-4.0	4.0	11.9
2	2	15.0	-4.5	5.3	11.8
3	3	11.0	-1.0	5.0	5.3
4	4	10.0	3.0	6.5	9.6
5	5	11.0	0.5	5.8	9.6
6	6	15.0	-1.5	6.8	9.8
7	7	15.5	0.5	8.0	12.4
8	8	12.5	-2.0	5.3	9.5
9	9	14.0	-1.0	6.5	12.2
10	10	14.0	-1.0	6.5	14.0
11	11	14.0	-2.0	6.0	13.4
12	12	16.0	-2.0	7.0	12.2
13	13	14.0	-2.0	6.0	13.0
14	14	14.0	-4.0	5.0	12.9
15	15	13.0	-3.0	5.0	8.5
16	16	14.0	3.0	8.5	9.3
17	17	13.0	5.0	9.0	3.7
18	18	13.0	6.0	9.5	9.8
19	19	13.0	0.0	6.5	13.0
20	20	11.0	2.0	6.5	7.8
21	21	9.0	2.0	5.5	6.1
22	22	7.0	5.0	6.0	3.0
23	23	4.0	0.0	2.0	6.4
24	24	8.0	-1.0	3.5	7.2
25	25	5.0	0.0	2.5	9.0
26	26	5.0	-2.0	1.5	13.3
27	27	8.0	-6.0	1.0	14.2
28	28	10.0	-3.0	3.5	15.4
29	29	8.0	0.0	4.0	7.4
30	30	13.0	0.0	6.5	3.4
31	31	9.0	1.0	5.0	6.3
Mean		11.3	-0.4	5.5	9.7
Abs. Max.		16.0	6.0	9.5	15.4
Abs. Min.		4.0	-6.0	1.0	3.0

TERBOL - DAILY CLIMATIC DATA I
FEBRUARY 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m²
1	32	6.0	3.0	4.5	5.4
2	33	8.0	2.0	5.0	5.4
3	34	4.0	1.0	2.5	3.6
4	35	6.0	0.0	3.0	17.9
5	36	7.0	-3.5	1.8	15.4
6	37	8.0	1.0	4.5	9.7
7	38	10.0	2.0	6.0	13.8
8	39	8.0	-1.0	3.5	9.3
9	40	11.0	3.0	7.0	20.7
10	41	12.0	-4.0	4.0	12.3
11	42	14.0	-3.0	5.5	18.0
12	43	14.5	-3.0	5.8	17.5
13	44	14.0	0.0	7.0	12.3
14	45	17.0	-4.0	6.5	18.2
15	46	18.0	-2.0	8.0	13.7
16	47	16.0	8.0	12.0	5.8
17	48	17.0	6.0	11.5	7.2
18	49	14.0	0.0	7.0	18.2
19	50	14.0	-0.5	6.8	14.7
20	51	15.5	-0.5	7.5	17.8
21	52	17.5	-2.0	7.8	19.3
22	53	19.0	-0.5	9.3	15.5
23	54	12.5	6.5	9.5	8.5
24	55	16.0	1.5	8.8	17.0
25	56	15.0	5.0	10.0	9.3
26	57	19.0	6.0	12.5	6.3
27	58	8.0	2.5	5.3	10.9
28	59	12.0	-0.5	5.8	13.2
Mean		12.6	0.8	6.7	12.8
Abs. Max.		19.0	8.0	12.5	20.7
Abs. Min.		4.0	-4.0	1.8	3.6

TERBOL - DAILY CLIMATIC DATA I
MARCH 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m ²
1	60	13.0	-1.5	5.8	15.4
2	61	11.0	4.0	7.5	15.7
3	62	15.0	-3.0	6.0	16.2
4	63	17.0	-1.5	7.8	16.2
5	64	13.0	6.5	9.8	9.4
6	65	6.0	4.0	5.0	9.4
7	66	12.0	3.0	7.5	15.4
8	67	19.5	6.5	13.0	11.4
9	68	12.0	6.5	9.3	18.5
10	69	17.0	-1.5	7.8	13.9
11	70	16.0	1.5	8.8	17.0
12	71	12.0	-0.5	5.8	11.9
13	72	10.5	0.0	5.3	9.0
14	73	11.0	5.5	8.3	7.5
15	74	16.0	-0.5	7.8	5.7
16	75	18.0	1.5	9.8	14.6
17	76	18.0	8.0	13.0	11.8
18	77	18.5	8.5	13.5	15.8
19	78	19.0	4.0	11.5	24.1
20	79	21.0	4.0	12.5	23.4
21	80	24.0	9.0	16.5	16.3
22	81	13.0	9.0	11.0	6.1
23	82	13.5	9.0	11.3	9.0
24	83	16.0	4.5	10.3	18.4
25	84	20.0	5.0	12.5	21.5
26	85	22.0	5.0	13.5	25.8
27	86	23.0	5.0	14.0	25.9
28	87	26.0	5.0	15.5	24.5
29	88	26.5	10.5	18.5	22.6
30	89	30.0	6.5	18.3	22.5
31	90	22.5	1.0	11.8	27.5
Mean		17.2	4.0	10.6	16.2
Abs. Max.		30.0	10.5	18.5	27.5
Abs. Min.		6.0	-3.0	5.0	5.7

TERBOL - DAILY CLIMATIC DATA I
APRIL 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m²
1	91	26.0	5.5	15.8	17.6
2	92	24.0	8.5	16.3	13.4
3	93	19.0	7.0	13.0	26.1
4	94	16.0	9.0	12.5	17.6
5	95	16.0	7.0	11.5	21.0
6	96	20.0	3.0	11.5	28.5
7	97	22.0	1.0	11.5	27.5
8	98	17.0	9.0	13.0	9.1
9	99	11.0	6.5	8.8	9.8
10	100	11.0	6.0	8.5	7.3
11	101	12.5	6.0	9.3	12.4
12	102	15.5	4.5	10.0	29.1
13	103	21.0	0.0	10.5	25.3
14	104	25.0	5.0	15.0	26.2
15	105	25.5	13.0	19.3	26.3
16	106	17.0	8.5	12.8	25.3
17	107	16.0	2.0	9.0	24.3
18	108	21.5	-1.0	10.3	28.5
19	109	26.0	1.5	13.8	29.7
20	110	29.5	11.0	20.3	25.9
21	111	24.0	2.5	13.3	29.1
22	112	29.5	3.5	16.5	24.2
23	113	31.0	7.5	19.3	26.0
24	114	28.5	5.0	16.8	31.5
25	115	24.0	3.5	13.8	28.1
26	116	25.0	3.0	14.0	25.6
27	117	27.0	8.5	17.8	26.5
28	118	29.0	5.0	17.0	28.6
29	119	30.0	8.0	19.0	16.8
30	120	28.0	16.0	22.0	12.1
Mean		22.3	5.8	14.1	22.6
Abs. Max.		31.0	16.0	22.0	31.5
Abs. Min.		11.0	-1.0	8.5	7.3

**TERBOL - DAILY CLIMATIC DATA I
MAY 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m²
1	121	16.0	12.0	14.0	9.8
2	122	19.0	8.0	13.5	30.1
3	123	22.0	6.5	14.3	32.1
4	124	26.0	5.0	15.5	28.8
5	125	28.5	3.0	15.8	30.1
6	126	29.0	5.5	17.3	31.5
7	127	29.0	6.5	17.8	30.1
8	128	31.0	10.5	20.8	26.2
9	129	24.5	9.5	17.0	35.5
10	130	28.0	3.5	15.8	30.5
11	131	27.0	8.0	17.5	26.6
12	132	27.0	9.5	18.3	23.7
13	133	28.5	8.5	18.5	22.4
14	134	29.0	15.5	22.3	25.8
15	135	28.0	16.0	22.0	7.8
16	136	19.0	14.0	16.5	25.7
17	137	22.0	8.0	15.0	33.0
18	138	25.5	2.0	13.8	33.9
19	139	26.5	4.0	15.3	24.8
20	140	28.0	12.0	20.0	30.9
21	141	19.0	12.0	15.5	33.8
22	142	17.0	8.5	12.8	20.6
23	143	22.0	1.0	11.5	31.2
24	144	25.0	5.0	15.0	31.0
25	145	28.0	8.0	18.0	31.4
26	146	28.0	6.5	17.3	29.7
27	147	20.0	7.0	13.5	31.4
28	148	19.0	8.0	13.5	32.3
29	149	20.0	3.0	11.5	27.8
30	150	21.0	7.0	14.0	31.0
31	151	22.0	4.0	13.0	33.1
Mean		24.3	7.7	16.0	28.1
Abs.Max.		31.0	16.0	22.3	35.5
Abs.Min.		16.0	1.0	11.5	7.8

TERBOL - DAILY CLIMATIC DATA I
JUNE 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m²
1	152	24.0	2.0	13.0	33.0
2	153	27.0	2.0	14.5	32.7
3	154	29.0	4.0	16.5	31.6
4	155	29.5	6.5	18.0	30.9
5	156	31.0	9.0	20.0	31.2
6	157	28.0	15.0	21.5	33.5
7	158	29.0	5.5	17.3	36.6
8	159	31.0	8.0	19.5	31.4
9	160	32.0	9.5	20.8	33.8
10	161	27.0	9.5	18.3	31.3
11	162	27.0	10.5	18.8	33.4
12	163	28.5	8.0	18.3	33.8
13	164	29.0	9.0	19.0	32.8
14	165	30.0	9.5	19.8	32.9
15	166	31.0	11.0	21.0	33.7
16	167	33.0	11.0	22.0	30.9
17	168	35.5	13.0	24.3	35.0
18	169	37.0	10.0	23.5	32.2
19	170	38.5	10.0	24.3	30.8
20	171	35.0	14.0	24.5	32.4
21	172	36.0	7.0	21.5	32.0
22	173	34.0	11.0	22.5	32.2
23	174	37.0	10.0	23.5	32.4
24	175	37.5	12.0	24.8	32.9
25	176	33.5	12.5	23.0	32.3
26	177	32.5	8.5	20.5	29.1
27	178	30.0	14.0	22.0	31.3
28	179	30.0	9.5	19.8	31.5
29	180	30.0	9.5	19.8	33.0
30	181	31.0	10.0	20.5	31.2
Mean		31.5	9.4	20.4	32.4
Abs. Max.		38.5	15.0	24.8	36.6
Abs. Min.		24.0	2.0	13.0	29.1

TERBOL - DAILY CLIMATIC DATA I
JULY 1991

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m²
1	182	31.0	10.5	20.8	32.6
2	183	32.0	11.0	21.5	35.3
3	184	34.0	9.5	21.8	31.2
4	185	35.5	6.5	21.0	33.9
5	186	32.0	9.5	20.8	33.3
6	187	28.0	13.0	20.5	30.2
7	188	26.0	14.5	20.3	29.7
8	189	28.0	9.0	18.5	32.7
9	190	29.0	10.5	19.8	32.3
10	191	32.0	10.0	21.0	30.9
11	192	34.0	14.0	24.0	32.9
12	193	37.0	10.5	23.8	32.4
13	194	31.5	10.0	20.8	31.1
14	195	32.0	7.0	19.5	32.1
15	196	30.0	10.0	20.0	37.9
16	197	32.0	8.0	20.0	26.0
17	198	32.0	10.0	21.0	33.1
18	199	30.5	10.5	20.5	31.6
19	200	30.0	15.0	22.5	29.3
20	201	33.5	12.0	22.8	30.7
21	202	31.5	9.0	20.3	31.7
22	203	33.0	14.0	23.5	30.7
23	204	34.0	14.0	24.0	31.2
24	205	33.0	11.5	22.3	29.5
25	206	33.0	10.5	21.8	30.6
26	207	31.0	14.5	22.8	30.6
27	208	34.0	13.5	23.8	30.4
28	209	33.0	13.0	23.0	29.5
29	210	32.0	11.5	21.8	29.4
30	211	30.0	13.0	21.5	30.7
31	212	29.0	10.5	19.8	30.4
Mean		31.7	11.2	21.4	31.4
Abs. Max.		37.0	15.0	24.0	37.9
Abs. Min.		26.0	6.5	18.5	26.0

**TERBOL - DAILY CLIMATIC DATA I
AUGUST 1991**

Day	Jul. Day	Max. Temp. Screen °C	Min. Temp. Screen °C	Mean Temp. Screen °C	Global Solar Rad. MJ/m²
1	213	34.0	8.0	21.0	29.9
2	214	35.0	11.5	23.3	30.3
3	215	34.0	12.0	23.0	30.1
4	216	33.0	12.0	22.5	29.6
5	217	32.0	10.5	21.3	33.3
6	218	34.0	12.5	23.3	27.8
7	219	35.0	14.5	24.8	28.9
8	220	36.0	11.5	23.8	29.2
9	221	37.0	14.0	25.5	26.8
10	222	32.0	16.0	24.0	29.0
11	223	32.0	11.5	21.8	27.9
12	224	34.0	14.0	24.0	29.4
13	225	34.0	14.0	24.0	27.4
14	226	32.0	14.0	23.0	28.9
15	227	31.0	12.0	21.5	28.9
16	228	31.0	12.0	21.5	26.5
17	229	31.0	12.0	21.5	31.9
18	230	30.0	14.0	22.0	23.6
19	231	30.0	12.0	21.0	29.3
20	232	31.0	13.0	22.0	27.8
21	233	32.5	13.5	23.0	27.8
22	234	32.5	14.5	23.5	25.4
23	235	33.0	13.8	23.4	26.7
24	236	35.0	12.0	23.5	27.5
25	237	33.0	12.0	22.5	29.2
26	238	30.0	10.0	20.0	25.7
27	239	30.0	10.0	20.0	28.5
28	240	28.5	10.0	19.3	27.2
29	241	29.0	9.5	19.3	28.3
30	242	29.0	11.0	20.0	26.6
31	243	32.0	9.0	20.5	28.4
Mean		32.3	12.1	22.2	28.3
Abs.Max.		37.0	16.0	25.5	33.3
Abs.Min.		28.5	8.0	19.3	23.6

TERBOL - DAILY CLIMATIC DATA II
SEPTEMBER 1990

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm	Rain Met. Stn. mm
1	244	85.5	5.0	45.3	142.1	13.1	0.0
2	245	83.0	10.0	46.5	137.9	13.9	0.0
3	246	85.0	11.0	48.0	158.8	14.1	0.0
4	247	85.0	11.0	48.0	269.4	13.6	0.0
5	248	86.0	42.0	64.0	213.4	13.1	0.0
6	249	86.0	8.0	47.0	219.8	12.3	0.0
7	250	86.0	19.0	52.5	173.9	12.0	0.0
8	251	86.0	8.0	47.0	128.6	11.8	0.0
9	252	85.0	14.0	47.5	123.0	12.3	0.0
10	253	85.0	18.0	51.5	170.2	12.2	0.0
11	254	85.0	12.0	48.5	270.1	11.7	0.0
12	255	85.0	37.0	61.0	225.8	11.3	0.0
13	256	85.0	22.0	53.5	333.2	10.0	0.0
14	257	83.0	38.0	60.5	211.5	11.4	0.0
15	258	85.0	5.0	45.0	165.0	11.3	0.0
16	259	85.0	5.0	45.0	136.8	12.3	0.0
17	260	85.0	7.0	46.0	149.8	12.3	0.0
18	261	80.0	3.0	41.5	136.4	13.0	0.0
19	262	91.0	14.0	52.5	179.0	13.5	0.0
20	263	86.0	13.0	49.5	167.8	13.2	0.0
21	264	85.0	15.0	50.0	237.2	13.9	0.0
22	265	85.0	15.0	50.0	59.4	12.2	0.0
23	266	84.0	4.0	44.0	119.1	13.9	0.0
24	267	84.0	12.0	48.0	180.3	12.2	0.0
25	268	83.0	5.0	44.0	194.9	9.6	0.0
26	269	83.0	3.0	43.0	113.9	10.4	0.0
27	270	81.0	8.0	44.5	129.3	9.6	0.0
28	271	73.0	17.0	45.0	231.8	13.0	0.0
29	272	82.0	25.0	53.5	142.5	13.0	0.0
30	273	84.0	55.0	69.5	287.3	12.2	0.0
Mean or Total		84.2	15.4	49.7	180.3	12.3	0.0
Abs. Max.		91.0	55.0	69.5	333.2	14.1	0.0
Abs. Min.		73.0	3.0	41.5	59.4	9.6	0.0

TERBOL - DAILY CLIMATIC DATA II
OCTOBER 1990

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm	Rain Met. Stn. mm
1	274	88.0	51.0	69.5	144.0	9.6	0.0
2	275	86.0	31.0	58.5	129.0	10.5	0.0
3	276	85.0	25.0	55.0	107.2	11.0	0.0
4	277	85.0	20.0	52.5	119.0	9.6	0.0
5	278	85.0	20.0	52.5	150.6	8.7	0.0
6	279	81.0	21.0	51.0	132.1	10.4	0.0
7	280	81.0	28.0	54.5	162.9	10.9	0.0
8	281	83.0	20.0	51.5	106.2	10.5	0.0
9	282	84.5	15.0	49.8	155.9	11.0	0.0
10	283	85.0	23.0	54.0	122.9	10.5	0.0
11	284	84.0	34.0	59.0	176.6	10.6	0.0
12	285	85.0	57.0	71.0	204.6	10.5	0.0
13	286	83.5	32.0	57.8	102.6	10.4	0.0
14	287	83.0	21.0	52.0	201.9	11.3	0.0
15	288	84.0	25.0	54.5	196.6	12.2	0.0
16	289	81.0	28.0	54.5	109.9	12.0	0.0
17	290	73.0	19.0	46.0	206.6	11.5	0.0
18	291	62.5	46.0	54.3	200.7	11.3	0.0
19	292	85.0	50.0	67.5	129.0	11.5	1.0
20	293	84.5	41.0	62.8	116.3	10.4	0.0
21	294	84.0	40.0	62.0	124.1	10.9	0.0
22	295	84.0	35.0	59.5	163.9	10.8	0.0
23	296	85.0	18.0	52.0	113.4	10.9	0.0
24	297	84.0	61.0	72.5	412.8	9.6	0.0
25	298	83.0	51.0	67.0	221.0	6.9	0.0
26	299	85.0	41.0	63.0	140.1	6.1	0.0
27	300	83.0	28.0	55.5	136.6	5.7	0.0
28	301	84.0	28.0	56.0	115.9	2.2	7.0
29	302	84.0	18.0	51.0	108.1	6.1	0.0
30	303	81.0	10.0	45.5	132.2	6.3	0.0
31	304	81.0	8.0	44.5	158.3	6.9	0.0
Mean or Total		82.8	30.5	56.7	154.9	9.6	8.0
Abs.Max.		88.0	61.0	72.5	412.8	12.2	7.0
Abs.Min.		62.5	8.0	44.5	102.6	2.2	0.0

TERBOL - DAILY CLIMATIC DATA II
NOVEMBER 1990

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm	Rain Met. Stn. mm
1	305	79.0	28.0	53.5	166.5	7.0	0.0
2	306	84.0	14.0	49.0	138.9	6.6	0.0
3	307	83.0	13.0	48.0	120.2	6.8	0.0
4	308	81.0	20.0	50.5	114.1	6.7	0.0
5	309	85.0	10.0	47.5	119.9	6.5	0.0
6	310	83.0	21.0	52.0	120.0	6.9	0.0
7	311	78.0	21.0	49.5	118.3	6.8	0.0
8	312	89.0	63.0	76.0	432.3	6.1	0.0
9	313	90.0	66.0	78.0	441.7	4.9	25.8
10	314	84.0	61.0	72.5	368.5	1.7	6.0
11	315	85.0	53.0	69.0	183.6	2.6	15.8
12	316	81.0	40.0	60.5	101.2	4.4	0.2
13	317	92.0	32.0	62.0	108.5	3.5	0.0
14	318	95.0	35.0	65.0	105.8	2.4	0.0
15	319	90.0	25.0	57.5	126.1	1.7	0.0
16	320	95.0	25.0	60.0	128.3	3.5	0.0
17	321	95.0	20.0	57.5	55.6	4.3	0.0
18	322	95.0	14.0	54.5	91.9	5.2	0.0
19	323	70.0	21.0	45.5	87.5	3.5	0.0
20	324	75.0	21.0	48.0	141.8	3.2	0.0
21	325	95.0	40.0	67.5	155.9	4.9	0.0
22	326	95.0	21.0	58.0	133.9	2.8	0.0
23	327	89.0	20.0	54.5	105.0	3.1	0.0
24	328	82.0	14.0	48.0	61.3	3.5	0.0
25	329	73.0	30.0	51.5	185.3	3.8	0.0
26	330	97.0	28.0	62.5	136.1	3.5	0.0
27	331	83.0	35.0	59.0	104.5	4.3	0.0
28	332	95.0	30.0	62.5	73.4	3.5	0.0
29	333	86.0	28.0	57.0	88.3	3.5	0.0
30	334	63.0	20.0	41.5	90.3	2.2	0.0
Mean or Total		85.6	29.0	57.3	146.8	4.3	47.8
Abs.Max.		97.0	66.0	78.0	441.7	7.0	25.8
Abs.Min.		63.0	10.0	41.5	55.6	1.7	0.0

TERBOL - DAILY CLIMATIC DATA II
DECEMBER 1990

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm	Rain Met. Stn. mm
1	335	72.0	13.0	42.5	119.9	3.7	0.0
2	336	85.0	15.0	50.0	159.5	4.3	0.0
3	337	85.0	30.0	57.5	170.5	3.7	0.0
4	338	92.0	40.0	66.0	194.1	1.3	3.0
5	339	92.0	25.0	58.5	214.4	3.5	0.0
6	340	82.0	34.0	58.0	107.1	3.5	0.0
7	341	90.0	24.0	57.0	82.7	3.5	0.0
8	342	96.0	15.0	55.5	111.7	2.6	0.0
9	343	75.0	30.0	52.5	129.1	3.5	0.0
10	344	95.0	24.0	59.5	115.4	3.0	0.0
11	345	96.0	23.0	59.5	161.7	3.5	0.0
12	346	80.0	23.0	51.5	123.9	3.3	0.0
13	347	72.0	24.0	48.0	106.9	3.7	0.0
14	348	92.0	28.0	60.0	154.7	4.1	0.6
15	349	92.0	16.0	54.0	89.0	3.3	0.0
16	350	75.0	4.0	39.5	182.5	3.3	0.0
17	351	75.0	35.0	55.0	189.2	3.0	0.0
18	352	89.0	30.0	59.5	97.9	2.9	0.0
19	353	95.0	35.0	65.0	73.9	3.3	0.0
20	354	77.5	30.0	53.8	177.1	3.5	0.0
21	355	93.0	52.0	72.5	358.7	1.3	4.4
22	356	89.0	44.0	66.5	305.3	1.5	4.8
23	357	85.0	61.0	73.0	415.0	2.7	1.4
24	358	89.0	54.0	71.5	325.5	1.1	25.0
25	359	83.0	35.0	59.0	98.7	1.3	3.0
26	360	93.0	44.0	68.5	134.4	2.7	0.2
27	361	92.0	27.0	59.5	63.7	3.3	0.2
28	362	73.0	25.0	49.0	78.5	3.5	0.0
29	363	83.0	32.0	57.5	81.4	3.3	0.0
30	364	94.0	26.0	60.0	152.7	3.5	0.0
31	365	87.0	20.0	53.5	120.0	3.7	0.0
Mean or Total		86.1	29.6	57.8	157.9	3.0	42.6
Abs.Max.		96.0	61.0	73.0	415.0	4.3	25.0
Abs.Min.		72.0	4.0	39.5	63.7	1.1	0.0

TERBOL - DAILY CLIMATIC DATA II
JANUARY 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm	Rain Met. Stn. mm
1	1	87.0	21.0	54.0	119.9	3.5	0.0
2	2	92.0	28.0	60.0	137.1	3.8	0.0
3	3	96.0	60.0	78.0	195.4	4.4	0.0
4	4	91.0	63.0	77.0	153.9	2.8	32.4
5	5	93.0	58.0	75.5	38.6	2.0	0.2
6	6	90.0	33.0	61.5	59.1	2.6	0.0
7	7	90.0	28.0	59.0	94.0	3.6	0.2
8	8	93.0	37.0	65.0	64.2	3.4	0.2
9	9	92.0	28.0	60.0	67.5	2.9	0.0
10	10	90.0	20.0	56.0	84.8	3.0	0.0
11	11	90.0	26.0	58.0	125.9	3.0	0.0
12	12	93.0	10.0	51.5	76.5	3.1	0.0
13	13	83.0	22.0	52.5	120.8	3.3	0.0
14	14	80.0	28.0	54.0	164.0	3.2	0.0
15	15	92.0	30.0	61.0	102.4	3.3	0.0
16	16	82.0	22.0	52.0	304.1	3.2	0.0
17	17	89.0	52.0	70.5	243.3	1.6	12.0
18	18	82.0	30.0	56.0	138.7	2.1	0.4
19	19	92.0	30.0	61.0	113.3	2.1	0.0
20	20	80.0	50.0	65.0	83.2	2.8	1.2
21	21	90.0	60.0	75.0	149.0	0.8	2.4
22	22	91.0	50.0	70.5	131.7	1.0	6.0
23	23	90.0	79.0	84.5	159.3	1.4	12.2
24	24	93.0	45.0	69.0	152.6	0.7	2.0
25	25	92.0	30.0	61.0	167.0	0.7	7.0
26	26	90.0	24.0	57.0	122.8	1.3	3.0
27	27	79.0	30.0	54.5	93.2	1.9	0.2
28	28	87.0	24.0	55.5	90.2	2.1	0.2
29	29	75.0	45.0	60.0	106.7	2.3	0.0
30	30	90.0	74.0	82.0	238.8	2.1	1.2
31	31	90.0	56.0	73.0	491.7	2.8	48.0
Mean or Total		88.5	38.5	63.5	141.6	2.5	128.8
Abs.Max.		96.0	79.0	84.5	491.7	4.4	48.0
Abs.Min.		75.0	10.0	51.5	38.6	0.7	0.0

TERBOL - DAILY CLIMATIC DATA II
FEBRUARY 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm	Rain Met. Stn. mm
1	32	74.0	69.0	71.5	117.7	1.4	13.6
2	33	88.0	40.0	64.0	261.5	2.0	0.2
3	34	89.0	66.0	77.5	573.8	2.4	19.0
4	35	88.0	42.0	65.0	258.2	1.0	8.0
5	36	85.0	36.0	60.5	119.9	2.1	0.2
6	37	80.0	48.0	64.5	88.4	2.5	0.2
7	38	91.0	32.0	61.5	200.5	2.3	0.0
8	39	84.0	38.0	61.0	197.7	2.5	0.0
9	40	82.0	29.0	55.5	194.5	3.0	2.0
10	41	87.0	27.0	57.0	99.7	2.3	0.2
11	42	90.0	22.0	56.0	95.2	2.8	0.2
12	43	90.0	10.0	50.0	93.3	3.6	0.0
13	44	81.0	12.0	46.5	130.3	3.7	0.0
14	45	92.0	12.0	52.0	140.3	4.0	0.0
15	46	89.0	15.0	52.0	266.3	4.3	0.0
16	47	90.0	44.0	67.0	441.6	4.4	0.0
17	48	79.0	45.0	62.0	122.1	3.6	20.6
18	49	80.0	28.0	54.0	77.8	3.1	0.4
19	50	93.0	25.0	59.0	102.1	4.1	0.4
20	51	91.5	24.0	57.8	142.0	3.9	0.0
21	52	93.0	19.0	56.0	120.8	4.2	0.0
22	53	87.0	12.0	49.5	131.5	4.4	0.0
23	54	82.0	51.0	66.5	114.9	4.7	0.0
24	55	92.0	28.0	60.0	174.2	3.9	0.4
25	56	67.0	36.0	51.5	382.5	4.3	0.0
26	57	93.0	71.0	82.0	187.6	1.6	8.2
27	58	94.0	70.0	82.0	156.7	0.7	3.4
28	59	97.0	47.0	72.0	129.1	0.6	3.0
Mean or Total		86.7	35.6	61.2	182.9	3.0	80.0
Abs.Max.		97.0	71.0	82.0	573.8	4.7	20.6
Abs.Min.		67.0	10.0	46.5	77.8	0.6	0.0

TERBOL - DAILY CLIMATIC DATA II
MARCH 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm	Rain Met. Stn. mm
1	60	96.0	38.0	67.0	140.7	3.0	0.4
2	61	92.0	52.0	72.0	119.5	1.5	2.4
3	62	96.0	27.0	61.5	123.7	2.6	0.2
4	63	96.0	20.0	58.0	197.1	2.7	0.0
5	64	92.0	45.0	68.5	236.0	3.3	0.0
6	65	94.0	47.0	70.5	417.2	2.3	12.6
7	66	65.0	36.0	50.5	299.0	1.9	0.2
8	67	85.0	46.0	65.5	429.2	2.3	0.0
9	68	93.0	34.0	63.5	285.3	0.7	5.0
10	69	82.0	17.5	49.8	158.9	1.7	0.0
11	70	93.0	29.0	61.0	218.3	2.4	0.0
12	71	98.0	48.0	73.0	135.7	3.0	0.0
13	72	96.5	59.0	77.8	195.3	2.3	13.6
14	73	93.0	56.0	74.5	159.3	1.9	1.0
15	74	96.0	23.0	59.5	90.4	0.7	4.6
16	75	94.0	21.0	57.5	71.3	1.8	0.0
17	76	84.5	34.0	59.3	237.8	3.1	0.0
18	77	95.0	42.0	68.5	161.8	2.7	21.0
19	78	91.0	25.0	58.0	115.4	3.4	2.0
20	79	91.0	8.0	49.5	71.4	3.3	0.0
21	80	91.0	9.0	50.0	165.4	4.0	0.0
22	81	91.0	65.0	78.0	133.4	1.7	10.0
23	82	95.0	62.0	78.5	227.5	2.5	46.0
24	83	91.0	43.0	67.0	120.2	0.2	2.6
25	84	91.0	34.0	62.5	155.5	2.2	0.2
26	85	89.0	26.0	57.5	101.3	3.6	0.0
27	86	89.0	16.0	52.5	112.9	4.6	0.0
28	87	89.0	16.0	52.5	114.2	5.2	0.0
29	88	84.0	10.0	47.0	64.2	5.4	0.0
30	89	89.0	12.0	50.5	211.0	5.6	0.0
31	90	88.0	14.0	51.0	166.8	6.1	0.0
Mean or Total		90.6	32.7	61.7	175.3	2.8	121.8
Abs.Max.		98.0	65.0	78.5	429.2	6.1	46.0
Abs.Min.		65.0	8.0	47.0	64.2	0.2	0.0

TERBOL - DAILY CLIMATIC DATA II
APRIL 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm	Rain Met. Stn. mm
1	91	88.0	9.0	48.5	84.0	4.5	0.0
2	92	79.0	12.0	45.5	368.5	4.6	0.0
3	93	80.0	31.0	55.5	484.8	4.3	0.0
4	94	88.0	36.0	62.0	358.6	3.1	0.2
5	95	76.0	35.0	55.5	186.5	2.8	0.0
6	96	81.0	37.0	59.0	142.3	3.0	0.0
7	97	95.0	8.0	51.5	170.1	4.9	0.0
8	98	70.0	49.0	59.5	378.4	5.4	0.0
9	99	73.0	66.0	69.5	412.3	4.3	0.0
10	100	92.0	61.0	76.5	338.1	2.6	20.0
11	101	92.0	56.0	74.0	246.4	3.1	24.0
12	102	80.0	37.0	58.5	175.8	2.2	0.4
13	103	94.0	10.0	52.0	65.4	3.0	0.0
14	104	90.0	10.0	50.0	129.8	3.8	0.0
15	105	60.0	12.0	36.0	398.6	4.9	0.0
16	106	84.0	31.0	57.5	273.0	3.6	0.0
17	107	94.0	25.0	59.5	178.1	3.3	0.0
18	108	91.0	10.0	50.5	113.7	3.2	0.0
19	109	86.0	9.0	47.5	126.0	4.2	0.0
20	110	73.0	10.0	41.5	305.8	4.7	0.0
21	111	77.0	9.0	43.0	172.8	5.7	0.0
22	112	76.0	10.0	43.0	99.5	5.2	0.0
23	113	91.0	13.0	52.0	154.9	6.9	0.0
24	114	100.0	9.0	54.5	188.1	8.3	0.0
25	115	82.0	19.0	50.5	183.5	7.7	0.0
26	116	92.0	24.0	58.0	124.2	7.8	0.0
27	117	83.0	14.0	48.5	127.2	8.2	0.0
28	118	91.0	12.0	51.5	131.9	8.3	0.0
29	119	82.0	16.0	49.0	99.5	8.8	0.0
30	120	91.0	35.0	63.0	159.8	9.2	0.0
Mean or Total		84.4	23.8	54.1	212.6	5.1	44.6
Abs. Max.		100.0	66.0	76.5	484.8	9.2	24.0
Abs. Min.		60.0	8.0	36.0	65.4	2.2	0.0

TERBOL - DAILY CLIMATIC DATA II
MAY 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm	Rain Met. Stn. mm
1	121	96.0	50.0	73.0	256.3	1.9	41.0
2	122	78.0	41.0	59.5	176.7	0.8	6.0
3	123	95.0	18.0	56.5	130.7	3.1	0.0
4	124	93.0	15.0	54.0	91.5	4.3	0.0
5	125	96.0	9.0	52.5	108.8	4.5	0.0
6	126	93.0	12.0	52.5	150.3	5.0	0.0
7	127	87.0	9.0	48.0	181.5	5.6	0.0
8	128	79.0	11.0	45.0	133.0	6.1	0.0
9	129	86.0	16.0	51.0	288.0	6.8	0.0
10	130	76.0	10.0	43.0	172.6	5.2	0.0
11	131	76.0	29.0	52.5	187.0	6.5	0.0
12	132	95.0	26.0	60.5	155.2	6.2	0.0
13	133	95.5	10.0	52.8	261.1	6.3	0.0
14	134	72.0	27.0	49.5	281.5	5.7	0.4
15	135	96.0	23.0	59.5	243.5	3.9	7.0
16	136	95.0	45.0	70.0	456.1	4.3	0.0
17	137	93.0	28.0	60.5	251.6	3.3	0.0
18	138	99.0	7.0	53.0	166.0	4.3	0.0
19	139	92.0	6.0	49.0	83.6	5.0	0.0
20	140	65.0	13.0	39.0	340.4	5.2	0.0
21	141	83.0	38.0	60.5	443.4	5.4	0.0
22	142	77.0	35.0	56.0	227.6	4.8	0.0
23	143	95.0	22.0	59.3	218.2	1.7	3.4
24	144	88.0	12.0	50.0	120.6	5.2	0.0
25	145	87.0	8.0	47.5	161.0	6.9	0.0
26	146	90.0	29.0	59.5	324.4	7.4	0.0
27	147	78.0	39.0	58.5	370.4	6.2	0.0
28	148	83.0	40.0	61.5	304.3	4.9	0.0
29	149	94.0	28.0	61.0	330.2	4.7	0.0
30	150	85.0	28.0	56.5	251.9	5.2	0.0
31	151	89.0	25.0	57.0	209.0	5.4	0.0
Mean or Total		87.3	22.9	55.1	228.3	4.9	57.8
Abs.Max.		99.0	50.0	73.0	456.1	7.4	41.0
Abs.Min.		65.0	6.0	39.0	83.6	0.8	0.0

TERBOL - DAILY CLIMATIC DATA II
JUNE 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm	Rain Met. Stn. mm
1	152	89.0	33.0	61.0	238.8	5.7	0.0
2	153	89.0	7.0	48.0	191.7	6.5	0.0
3	154	79.0	24.0	51.5	228.5	7.0	0.0
4	155	88.0	15.0	51.5	247.0	7.3	0.0
5	156	87.0	15.0	51.0	184.8	8.3	0.0
6	157	82.0	19.0	50.5	265.3	10.9	0.0
7	158	89.0	14.0	51.5	169.2	12.2	0.0
8	159	82.5	22.5	52.5	146.2	10.4	0.0
9	160	87.0	5.0	46.0	215.8	11.3	0.0
10	161	82.0	30.0	56.0	285.5	12.3	0.0
11	162	87.0	42.0	64.5	280.0	11.6	0.0
12	163	88.5	30.0	59.3	170.8	11.7	0.0
13	164	87.0	25.0	56.0	190.0	10.6	0.0
14	165	87.0	26.0	56.5	181.3	11.4	0.0
15	166	84.0	21.0	52.5	161.6	12.0	0.0
16	167	87.0	15.0	51.0	147.3	12.2	0.0
17	168	86.0	3.0	44.5	163.8	12.7	0.0
18	169	88.0	6.0	47.0	141.1	13.3	0.0
19	170	87.0	3.0	45.0	137.3	13.9	0.0
20	171	89.0	15.0	52.0	216.0	14.8	0.0
21	172	87.0	3.0	45.0	235.8	13.6	0.0
22	173	86.0	24.0	55.0	224.1	13.9	0.0
23	174	87.0	11.0	49.0	138.5	13.4	0.0
24	175	91.5	13.0	52.3	142.2	14.4	0.0
25	176	89.0	26.0	57.5	255.0	14.6	0.0
26	177	89.0	17.0	53.0	281.4	14.6	0.0
27	178	78.5	30.0	54.3	205.5	14.9	0.0
28	179	88.0	43.0	65.5	192.2	14.4	0.0
29	180	88.0	24.0	56.0	145.8	14.3	0.0
30	181	81.0	30.0	55.5	256.3	13.0	0.0
Mean or Total		86.3	19.7	53.0	201.3	11.9	0.0
Abs.Max.		91.5	43.0	65.5	285.5	14.9	0.0
Abs.Min.		78.5	3.0	44.5	137.3	5.7	0.0

TERBOL - DAILY CLIMATIC DATA II
JULY 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm	Rain Met. Stn. mm
1	182	90.0	40.0	65.0	304.4	14.0	0.0
2	183	86.5	21.0	53.8	225.6	14.8	0.0
3	184	89.0	4.0	46.5	192.3	15.3	0.0
4	185	87.5	4.0	45.8	173.7	15.7	0.0
5	186	86.5	7.0	46.8	311.5	16.2	0.0
6	187	86.5	34.0	60.3	358.2	15.6	0.0
7	188	86.5	54.0	70.3	282.1	14.9	0.0
8	189	88.0	52.0	70.0	278.8	14.8	0.0
9	190	88.0	47.0	67.5	288.6	15.0	0.0
10	191	88.0	22.0	55.0	161.2	15.3	0.0
11	192	86.0	15.0	50.5	157.8	15.7	0.0
12	193	86.5	3.0	44.8	153.2	16.5	0.0
13	194	82.0	18.0	50.0	253.3	17.4	0.0
14	195	86.0	26.0	56.0	300.1	15.6	0.0
15	196	85.0	31.5	58.3	338.9	14.6	0.0
16	197	87.0	25.0	56.0	245.7	13.9	0.0
17	198	87.0	30.0	58.5	253.7	14.9	0.0
18	199	87.0	25.0	56.0	351.8	15.1	0.0
19	200	87.0	52.0	69.5	235.6	14.8	0.0
20	201	87.0	32.0	59.5	215.7	13.9	0.0
21	202	86.0	24.0	55.0	283.0	12.3	0.0
22	203	86.0	39.0	62.5	274.6	13.6	0.0
23	204	87.0	26.0	56.5	263.1	13.9	0.0
24	205	87.0	15.0	51.0	237.8	14.3	0.0
25	206	87.0	41.5	64.3	317.5	14.0	0.0
26	207	87.5	49.0	68.3	359.8	14.8	0.0
27	208	87.0	32.0	59.5	296.5	14.1	0.0
28	209	86.0	25.0	55.5	262.6	14.9	0.0
29	210	85.0	30.0	57.5	287.5	16.2	0.0
30	211	87.0	39.0	63.0	309.8	15.8	0.0
31	212	88.0	27.0	57.5	308.0	15.6	0.0
Mean or Total		86.8	28.7	57.8	267.2	14.9	0.0
Abs.Max.		90.0	54.0	70.3	359.8	17.4	0.0
Abs.Min.		82.0	3.0	44.8	153.2	12.3	0.0

TERBOL - DAILY CLIMATIC DATA II
AUGUST 1991

Day	Jul. Day	Max. Rel. Humid. %	Min. Rel. Humid. %	Mean Rel. Humid. %	Wind Run 2m km/d	Evap. Pan Class A mm	Rain Met. Stn. mm
1	213	88.0	41.0	64.5	205.4	15.5	0.0
2	214	88.0	32.0	60.0	236.4	15.6	0.0
3	215	82.0	28.0	55.0	304.3	17.4	0.0
4	216	86.5	24.0	55.3	323.8	16.6	0.0
5	217	93.0	22.0	57.5	294.0	16.5	0.0
6	218	97.5	39.0	68.3	208.5	16.3	0.0
7	219	83.0	14.0	48.5	185.0	16.5	0.0
8	220	82.0	10.0	46.0	119.8	16.7	0.0
9	221	86.0	20.0	53.0	165.4	17.4	0.0
10	222	89.0	21.0	55.0	324.1	17.4	0.0
11	223	86.5	49.0	67.8	267.6	15.6	0.0
12	224	86.0	22.0	54.0	161.4	15.3	0.0
13	225	86.0	33.0	59.5	159.8	14.9	0.0
14	226	87.0	39.0	63.0	277.1	10.4	0.0
15	227	84.0	35.0	59.5	246.2	13.9	0.0
16	228	85.0	55.0	70.0	254.7	11.3	0.0
17	229	89.0	45.0	67.0	266.9	10.4	0.0
18	230	87.0	48.0	67.5	229.6	11.3	0.0
19	231	92.0	30.0	61.0	201.0	10.4	0.0
20	232	85.0	42.0	63.5	206.7	10.9	0.0
21	233	87.0	39.0	63.0	196.9	11.4	0.0
22	234	87.0	25.0	56.0	180.7	12.2	0.0
23	235	86.0	28.0	57.0	137.2	12.3	0.0
24	236	88.0	4.0	46.0	142.1	12.4	0.0
25	237	88.0	18.0	53.0	176.6	13.1	0.0
26	238	85.5	37.0	61.3	245.0	11.4	0.0
27	239	87.0	29.0	58.0	291.7	11.2	0.0
28	240	87.0	43.0	65.0	333.3	11.2	0.0
29	241	86.5	42.0	64.3	325.3	10.3	0.0
30	242	88.0	34.0	61.0	207.2	8.6	0.0
31	243	87.0	15.0	51.0	245.6	7.6	0.0
Mean or Total		87.1	31.1	59.1	229.7	13.3	0.0
Abs.Max.		97.5	55.0	70.0	333.3	17.4	0.0
Abs.Min.		82.0	4.0	46.0	119.8	7.6	0.0

