

METEOROLOGICAL REPORTS FOR ICARDA EXPERIMENT STATIONS IN SYRIA: 1987/88 SEASON

1987/88 Season



Meteorological Reports for ICARDA Experiment Stations in Syria: 1987/88 Season

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The Weather during the 1987/88 Season

The 1987/88 season was the wettest in NW Syria since 1940/41, when seasonal rainfall totals exceeded those of 1987/88 by 10 to 20%. The average recurrence interval of seasons with the same rainfall as 1987/88 or more is estimated to be around 30 years. As the increased rainfall was due to increased cyclonic activity and, therefore, was of the advective type, the relative increase was more pronounced in the drier part of the region: Jinderess, our wettest site received 48% more than the long-term seasonal average of 483 mm; but Boueidar, where the long-term average is 212 mm, had 386 mm, or 81% more than 'normal'.

The season started early with heavy rains from 17 October to November 6. Then followed the only prolonged dry spell of the season which lasted, only interrupted by minor showers at some sites, until 4 December. This period was ideal for planting. December brought less than average rainfall at some sites, more than average elsewhere. January, February and March were wetter than average across the whole region. The last significant rains of the season fell around the middle of April. However the accumulated good supply of soil moisture allowed the crops to ripen with less stress than in most seasons.

The temperature throughout the season was close to the long-term average with no extremes of note. The number of frost days was below average, in particular at the drier sites, as the frequent cloud cover reduced the occurrence of radiation frosts. Altogether the weather during the 1987/88 season laid the foundation for a bumper crop, which was widely achieved.

Monthly precipitation (mm) for the 1987/88 season

	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Total
<u>Jindiress</u>													
1987/88 season	0.0	117.4	65.7	85.0	100.8	78.2	167.1	71.8	22.5	6.4	0.0	0.0	714.9
Long term average (29 s.)	1.3	28.4	52.0	98.6	92.2	75.9	65.9	44.9	19.4	3.3	0.0	0.9	482.8
% of long term average	0	413	126	86	109	103	254	160	116	194	n/a	0	148
<u>Tel Hadya</u>													
1987/88 season	1.4	71.0	45.7	74.4	84.7	97.4	92.6	29.4	2.6	4.4	0.0	0.6	504.2
Long term average (10 s.)	0.5	26.3	44.9	55.9	68.1	56.2	47.1	31.7	14.3	3.7	0.0	0.1	348.7
% of long term average	280	270	102	133	124	173	197	93	18	119	n/a	1000	145
<u>Breda</u>													
1987/88 season	0.0	68.2	36.4	41.0	85.6	82.4	65.6	19.4	9.8	6.4	0.0	0.0	414.8
Long term average (30 s.)	1.4	13.2	29.5	52.2	48.8	39.0	33.4	33.6	15.8	1.6	0.2	0.0	268.7
% of long term average	0.0	517	123	79	175	211	196	58	62	400	0	n/a	154
<u>Boueidar</u>													
1987/88 season	0.6	69.9	37.2	44.6	80.2	77.8	41.0	25.4	5.2	3.8	0.0	0.0	385.7
Long term average (16 s.)	1.5	13.9	21.0	35.9	43.5	38.6	27.2	20.1	10.2	0.7	0.2	0.0	212.8
% of long term average	40	502	177	124	184	201	151	126	51	543	0	n/a	181
<u>Ghrerife</u>													
1987/88 season	0.0	102.0	33.8	38.7	76.2	88.6	71.6	19.6	7.0	4.2	0.0	0.0	441.7
<u>Terbol (Lebanon)</u>													
1987/88 season	0.0	22.4	52.4	164.7	153.4	113.2	187.2	8.2	7.0	0.0	0.0	0.0	708.6

 Monthly air temperatures (°C) for the 1987/88 season

	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
<u>Jindiress</u>												
Mean max.	32.9	26.0	18.9	12.3	11.1	12.3	15.2	22.0	28.0	32.2	36.7	35.0
Mean min.	17.2	12.4	7.0	5.9	3.5	4.3	6.1	10.1	13.2	16.8	21.2	21.7
Average	25.1	19.2	13.0	9.1	7.3	8.3	10.7	16.1	20.6	24.5	29.0	28.4
Abs. max.	38.0	32.6	23.3	19.2	16.0	16.2	20.9	27.8	38.0	40.0	41.2	38.0
Abs. min.	13.0	5.2	+2.0	-6.0	-2.0	-1.2	-2.0	4.2	7.9	9.9	18.0	15.7
<u>Tel Hadya</u>												
Mean max.	35.3	26.4	18.7	12.4	10.9	12.8	15.8	22.7	30.2	32.6	38.3	37.3
Mean min.	16.8	11.4	5.1	5.3	2.1	4.0	5.1	8.0	12.4	17.3	21.4	21.8
Average	26.1	18.9	11.9	8.9	6.5	8.4	10.5	15.4	21.3	25.0	29.9	29.6
Abs. max.	38.8	38.2	21.8	18.4	16.5	17.4	22.1	29.0	39.6	40.2	42.2	41.1
Abs. min.	11.4	3.8	+0.2	-7.4	-2.2	-2.4	-2.8	+0.4	+5.8	12.8	18.4	14.2
<u>Breda</u>												
Mean max.	34.2	25.3	17.9	11.5	10.5	11.7	16.0	22.8	31.7	36.3	39.6	37.4
Mean min.	15.8	11.7	5.0	4.4	2.4	3.7	5.5	9.6	12.9	18.1	16.6	19.7
Average	25.0	18.5	11.5	8.0	6.5	7.7	10.8	16.2	22.3	27.7	28.1	28.6
Abs. max.	38.4	36.0	21.1	19.0	16.0	16.0	22.8	29.2	41.8	41.1	43.7	40.0
Abs. min.	11.0	4.8	-0.3	-8.0	-2.8	-2.0	-3.0	2.0	6.2	13.5	18.6	13.3
<u>Boueidar</u>												
Mean max.	35.0	27.1	18.0	12.2	10.1	11.2	13.5	21.6	31.2	35.7	38.4	36.9
Mean min.	13.7	10.9	4.2	4.4	2.3	3.4	4.6	7.7	11.1	16.2	19.1	13.9
Average	24.4	19.0	11.1	8.3	6.2	7.3	9.1	14.7	21.2	26.0	28.8	25.4
Abs. max.	38.0	38.0	20.4	19.0	15.9	15.0	21.0	30.0	40.4	40.0	41.2	40.2
Abs. min.	8.6	3.0	-1.2	-11.5	-2.6	-1.9	-1.8	-0.4	5.1	11.8	17.1	12.1
<u>Ghrerife</u>												
Mean max.	34.3	24.9	17.4	11.2	10.3	11.3	15.3	21.1	30.6	34.2	37.2	36.4
Mean min.	17.9	12.4	5.6	4.9	2.8	4.0	6.0	10.2	14.3	19.1	20.8	20.2
Average	26.1	18.4	11.5	8.1	6.6	7.7	10.7	15.7	22.5	26.7	29.0	28.3
Abs. max.	38.2	37.2	21.3	17.6	15.3	15.0	21.4	28.8	40.0	37.4	40.4	39.8
Abs. min.	13.4	5.0	1.2	-9.5	-2.2	0.0	-1.4	3.5	8.0	13.4	18.5	15.0
<u>Terbol</u>												
Mean max.	31.8	24.4	20.0	12.7	10.8	10.8	13.5	22.0	28.0	30.7	33.7	32.2
Mean min.	10.0	6.9	1.3	2.1	0.0	-0.5	1.8	5.4	8.7	11.4	13.6	13.9
Average	20.9	15.7	10.7	7.4	5.4	5.2	7.7	13.7	18.4	21.1	23.7	23.1
Abs. max.	35.0	34.5	26.0	22.0	18.0	17.0	23.0	30.0	35.0	35.0	37.0	36.0
Abs. min.	7.5	-0.5	-3.0	-8.0	-8.5	-14.5	-3.0	-10.5	2.0	6.0	10.5	10.0

JINDIRESS

1987-1988 Season

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

Frost events at 5 cm above the ground during the 1987/88 season

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Season
<u>Tel Hadya</u>								
Frost days	-	1	8	9	9	2	1	30
Abs. min.	-	-1.0	-8.0	-3.5	-3	-3.4	-0.4	-8.0

Frost events during the 1987/88 season

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Season
<u>Jindiress</u>								
No of frost days	-	-	4	5	3	1	-	13
Abs. min. ($^{\circ}\text{C}$)	-	-	-6.0	-2.0	-1.2	-2.0	-	-6.0
<u>Tel Hadya</u>								
No of frost days	-	-	4	8	7	2	-	21
Abs. min. ($^{\circ}\text{C}$)	-	-	-7.4	-2.2	-2.4	-2.8	-	-7.4
<u>Breda</u>								
No of frost days	-	2	8	8	5	1	-	24
Abs. min. ($^{\circ}\text{C}$)	-	-0.3	-8.0	-2.8	-2.0	-3.0	-	-8.0
<u>Boueidar</u>								
No of frost days	-	1	5	7	3	2	2	20
Abs. min. ($^{\circ}\text{C}$)	-	-1.2	-11.5	-2.6	-1.9	-1.8	-0.4	-11.5
<u>Ghrerife</u>								
No of frost days	-	-	3	5	1	1	-	10
Abs. min. ($^{\circ}\text{C}$)	-	-	-9.5	-2.2	0.0	-1.4	-	-9.5
<u>Terbol</u>								
No of frost days	1	12	6	13	19	7	-	58
Abs. min. ($^{\circ}\text{C}$)	-0.5	-3.0	-8.0	-8.5	-14.5	-3.0	-	-14.5

**Total monthly precipitation (mm) , maximum and minimum temperature (°C)
from 1979-80 to 1987-88 season at JINDIRESS**

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Mean/ Total
Precipitation													
1979-80	0.0	61.5	67.1	59.8	72.7	69.5	67.3	87.2	3.0	0.0	0.0	0.0	488
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
Mean	0.2	35.1	65.8	71.2	91.1	73.7	69.1	45.8	13.0	3.6	0.0	0.0	472
Maximum Temperature													
1979-80	m	m	m	11.9	6.8	11.0	14.3	19.6	28.1	m	m	m	m
1980-81	m	27.6	20.7	13.4	11.1	13.5	18.2	22.4	26.9	33.8	36.1	35.5	23.5
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
Mean	33.4	26.6	18.1	12.7	10.9	12.8	16.6	22.2	28.2	32.6	34.8	35.0	23.7
Minimum Temperature													
1979-80	m	m	m	4.2	0.1	1.6	5.1	8.4	11.4	m	m	m	m
1980-81	m	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
Mean	17.6	11.4	6.5	3.4	3.1	3.0	5.1	8.6	12.0	16.8	20.6	20.7	10.7

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**FROST EVENTS AT JINDIRESS
FROM 1980-81 TO 1987-88**

	Nov	Dec	Jan	Feb	Mar	Apr	Season
1980-81 Season							
No. Frost Days	3	7	2	6	.	1	19
Abs. Minimum	-2.5	-4.0	-2.5	-2.0		-1.5	-4.0
1981-82 Season							
No. Frost Days	4	.	9	16	10	.	39
Abs. Minimum	-2.8		-5.0	-7.0	-5.0		-7.0
1982-83 Season							
No. Frost Days	9	16	18	4	4	.	51
Abs. Minimum	-5.0	-4.3	-8.5	-5.0	-5.4		-8.5
1983-84 Season							
No. Frost Days	.	9	4	6	1	.	20
Abs. Minimum		-2.2	-1.8	-2.3	-0.4		-2.3
1984-85 Season							
No. Frost Days	1	14	2	11	10	.	38
Abs. Minimum	-1.0	-5.0	-0.8	-8.5	-10.2		-10.2
1985-86 Season							
No. Frost Days	.	5	5	.	.	.	10
Abs. Minimum		-5.0	-5.0				-5.0
1986-87 Season							
No. Frost Days	1	12	3	4	.	.	20
Abs. Minimum	-2.0	-4.3	0.0	-1.8			-4.0
1987-88 Season							
No. Frost Days	.	4	5	3	1	.	13
Abs. Minimum		-6.0	-2.0	-1.2	-2.0		-6.0

**SUMMARY OF MONTHLY CLIMATIC DATA
JINDIRESS 1987-88 SEASON**

Month	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
September								
Mean/Total	34.2	17.9	26.1	48.7	m	253.1	m	0.0
Abs. Max.	38.0	22.8	28.8	59.5	m	597.0	m	0.0
Abs. Min.	30.5	13.0	23.0	35.0	m	109.2	m	0.0
October								
Mean/Total	26.0	12.4	19.2	49.3	16.6	170.8	5.4	117.4
Abs. Max.	37.0	20.0	26.3	78.1	21.7	477.5	10.2	42.0
Abs. Min.	16.0	5.2	10.8	30.9	4.7	97.5	1.6	0.0
November								
Mean/Total	18.9	6.8	12.8	67.0	11.5	136.8	m	65.7
Abs. Max.	23.3	11.7	16.0	82.7	16.9	246.1	m	25.2
Abs. Min.	13.0	2.0	9.2	55.0	2.3	89.2	m	0.0
December								
Mean/Total	12.3	5.9	9.1	75.9	5.6	192.1	2.3	85.0
Abs. Max.	19.2	13.0	16.0	87.3	11.8	395.3	8.9	23.3
Abs. Min.	4.5	-6.0	-0.8	44.6	1.4	31.5	0.9	0.0
January								
Mean/Total	10.7	3.1	6.9	78.8	6.7	169.9	1.3	100.8
Abs. Max.	16.0	8.0	11.5	93.3	13.1	365.4	2.6	27.3
Abs. Min.	6.3	-2.0	2.6	59.9	1.3	90.7	0.2	0.0
February								
Mean/Total	12.7	4.5	8.6	80.3	10.2	185.6	2.0	78.2
Abs. Max.	17.0	8.9	12.1	95.1	17.0	462.0	3.9	17.0
Abs. Min.	9.0	-1.2	4.3	62.5	1.8	78.6	0.2	0.0
March								
Mean/Total	15.2	6.1	10.7	78.5	15.6	238.0	m	167.1
Abs. Max.	20.9	11.0	16.0	93.3	25.5	465.2	m	58.2
Abs. Min.	7.9	-2.0	4.5	66.5	2.2	110.0	m	0.0
April								
Mean/Total	22.0	10.0	16.1	70.5	21.7	185.1	m	71.8
Abs. Max.	27.8	15.9	21.0	82.5	29.6	396.1	m	24.3
Abs. Min.	16.5	4.2	11.8	60.5	13.4	85.5	m	0.0
May								
Mean/Total	28.0	13.2	20.6	67.8	m	236.4	m	22.5
Abs. Max.	38.0	20.8	29.4	87.8	m	469.2	m	5.4
Abs. Min.	15.8	7.9	11.9	49.5	m	109.6	m	0.0
June								
Mean/Total	32.2	16.8	24.5	58.6	29.4	m	10.7	6.4
Abs. Max.	40.0	23.0	31.5	68.8	36.4	m	14.9	3.0
Abs. Min.	25.0	9.9	19.5	46.8	15.9	m	7.0	0.0
July								
Mean/Total	36.7	21.1	28.9	54.1	30.6	316.2	14.6	0.0
Abs. Max.	41.2	25.0	31.7	66.0	32.2	614.7	21.1	0.0
Abs. Min.	33.0	18.0	26.1	40.8	27.7	180.8	8.7	0.0
August								
Mean/Total	35.0	21.8	28.4	m	m	m	13.8	0.0
Abs. Max.	39.0	25.0	30.5	m	m	m	15.7	0.0
Abs. Min.	32.0	15.7	24.4	m	m	m	10.5	0.0
Season								
Mean/Total	23.7	11.6	17.7	m	m	m	m	714.9
Abs. Max.	41.2	25.0	31.7	m	m	m	m	58.2
Abs. Min.	4.5	-6.0	-0.8	m	m	m	m	0.0

**SUMMARY OF WEEKLY CLIMATIC DATA
JINDIRESS 1987-88 SEASON**

Week		Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
3 Sep- 9 Sep		34.2	19.6	26.9	54.4	23.4	278.5	m	0.0
10 Sep-16 Sep		34.9	18.7	26.8	47.8	6.4	319.6	12.1	0.0
17 Sep-23 Sep		33.4	15.9	24.6	45.0	m	195.6	11.5	0.0
24 Sep-30 Sep		34.1	16.7	25.4	46.5	21.0	223.1	10.0	0.0
1 Oct- 7 Oct		29.3	12.5	20.9	38.9	19.4	179.4	8.4	0.0
8 Oct-14 Oct		30.6	12.0	21.3	34.9	19.5	165.3	7.1	0.0
15 Oct-21 Oct		27.4	16.2	21.8	51.3	15.4	197.9	3.8	47.0
22 Oct-28 Oct		20.5	11.3	15.9	64.6	12.7	142.8	3.8	53.3
29 Oct- 4 Nov		16.8	7.0	11.9	69.9	12.2	158.2	1.9	45.9
5 Nov-11 Nov		16.0	6.5	11.2	70.1	11.5	120.5	2.5	36.6
12 Nov-18 Nov		22.1	7.6	14.8	62.9	13.7	139.8	m	0.0
19 Nov-25 Nov		19.8	7.4	13.6	69.6	10.8	113.1	2.2	0.3
26 Nov- 2 Dec		19.1	5.3	12.2	56.0	10.2	213.2	3.1	0.0
3 Dec- 9 Dec		13.0	6.6	9.8	76.6	5.7	191.1	2.1	18.4
10 Dec-16 Dec		12.6	8.6	10.7	82.5	3.8	217.5	1.6	32.0
17 Dec-23 Dec		13.6	10.1	11.9	78.8	3.7	162.6	3.4	25.4
24 Dec-31 Dec		8.5	-0.9	3.8	74.7	7.9	168.1	1.9	9.2
1 Jan- 7 Jan		10.2	1.2	5.7	76.7	6.4	186.9	1.0	14.6
8 Jan-14 Jan		12.4	4.1	8.2	75.0	7.3	184.7	1.5	18.3
15 Jan-21 Jan		10.3	0.6	5.5	74.7	7.7	149.3	1.1	2.2
22 Jan-28 Jan		9.7	5.0	7.4	86.7	5.4	151.9	1.5	57.1
29 Jan- 4 Feb		12.5	4.6	8.6	82.1	8.9	177.4	1.8	18.9
5 Feb-11 Feb		14.5	2.8	8.6	75.2	13.5	184.2	2.7	1.2
12 Feb-18 Feb		12.1	6.1	9.1	83.0	6.5	195.1	1.2	18.7
19 Feb-25 Feb		11.6	4.4	8.0	81.7	10.4	150.8	1.7	27.4
26 Feb- 4 Mar		12.9	5.3	9.1	78.8	11.6	275.7	m	49.1
5 Mar-11 Mar		11.8	6.0	8.9	81.7	9.5	259.2	m	94.7
12 Mar-18 Mar		16.5	7.9	12.2	80.8	15.8	194.3	m	25.9
19 Mar-25 Mar		16.3	5.1	10.7	75.1	19.1	188.1	3.4	14.6
26 Mar- 1 Apr		18.1	5.9	12.0	76.8	20.4	255.8	4.3	3.4
2 Apr- 8 Apr		21.0	7.8	14.5	68.3	19.1	137.5	4.3	0.0
9 Apr-15 Apr		22.5	12.0	17.3	76.1	19.3	204.4	3.4	26.4
16 Apr-22 Apr		19.5	8.9	14.2	72.7	21.3	193.8	m	45.4
23 Apr-29 Apr		25.2	11.6	18.4	64.9	27.5	183.0	5.2	0.0
30 Apr- 6 May		23.7	10.3	17.0	71.2	23.3	199.8	4.3	6.2
7 May-13 May		27.7	10.3	19.0	66.5	30.1	223.5	8.7	0.0
14 May-20 May		33.8	16.7	25.3	65.5	29.5	213.9	8.5	1.3
21 May-27 May		26.2	15.2	20.7	69.5	8.3	330.2	m	11.7
28 May- 3 Jun		29.5	14.1	21.8	63.1	30.1	232.0	8.4	3.3
4 Jun-10 Jun		32.3	15.6	24.0	63.9	31.4	306.8	11.5	0.0
11 Jun-17 Jun		32.3	18.6	25.5	58.1	26.3	303.9	10.8	2.2
18 Jun-24 Jun		30.4	15.8	23.1	56.0	29.0	232.0	9.5	4.2
25 Jun- 1 Jul		34.7	18.3	26.5	56.1	30.6	290.8	12.0	0.0
2 Jul- 8 Jul		38.7	20.3	29.5	48.5	31.4	228.2	12.8	0.0
9 Jul-15 Jul		37.5	20.4	28.9	51.5	31.2	281.0	15.0	0.0
16 Jul-22 Jul		35.3	23.0	29.1	60.5	30.5	465.2	16.2	0.0
23 Jul-29 Jul		36.5	20.8	28.7	54.0	30.0	295.2	15.5	0.0
30 Jul- 5 Aug		35.5	22.6	29.1	55.7	28.6	379.1	13.7	0.0
6 Aug-12 Aug		34.5	22.3	28.4	59.6	27.8	395.9	14.1	0.0
13 Aug-19 Aug		34.7	23.3	29.0	59.7	26.6	268.8	14.6	0.0
20 Aug-26 Aug		36.2	21.8	29.1	34.5	9.2	294.4	14.0	0.0
27 Aug- 2 Sep		33.7	17.9	25.8	53.5	26.3	290.7	13.0	0.0

JINDIRESS - DAILY CLIMATIC DATA
SEPTEMBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	245	34.2	19.9	27.1	54.3	25.9	286.3	m	0.0
2	246	36.5	21.0	28.8	49.6	26.3	190.2	m	0.0
3	247	36.2	17.8	27.0	51.1	26.6	183.3	m	0.0
4	248	34.4	18.8	26.6	54.0	22.0	116.1	9.7	0.0
5	249	31.0	22.8	26.9	59.1	20.0	597.0	9.9	0.0
6	250	32.8	20.8	26.8	54.3	23.9	275.6	11.8	0.0
7	251	35.0	17.8	26.4	52.8	24.0	135.9	8.9	0.0
8	252	37.0	18.5	27.8	49.7	23.2	217.8	12.7	0.0
9	253	33.0	21.0	27.0	59.5	23.8	423.7	10.6	0.0
10	254	32.0	21.8	26.9	58.0	24.0	558.4	13.0	0.0
11	255	34.0	22.0	28.0	53.9	23.3	481.5	11.5	0.0
12	256	33.1	20.9	27.0	52.7	24.1	461.0	13.3	0.0
13	257	33.6	18.2	25.9	48.5	24.9	279.6	13.4	0.0
14	258	36.0	15.0	25.5	45.1	23.9	145.0	11.5	0.0
15	259	37.4	16.5	27.0	37.3	24.0	120.6	10.6	0.0
16	260	38.0	16.5	27.3	39.4	m	191.3	11.5	0.0
17	261	36.0	17.2	26.6	43.8	m	196.9	14.1	0.0
18	262	33.4	17.0	25.2	40.0	m	167.8	11.8	0.0
19	263	33.0	13.0	23.0	35.0	24.9	163.4	11.5	0.0
20	264	33.0	14.0	23.5	47.0	23.8	211.1	12.4	0.0
21	265	32.8	15.8	24.3	52.0	23.5	207.7	10.6	0.0
22	266	35.0	17.0	26.0	50.9	22.4	301.8	11.9	0.0
23	267	30.5	17.0	23.8	46.5	22.3	120.3	8.0	0.0
24	268	33.2	14.0	23.6	36.5	21.5	124.3	10.6	0.0
25	269	36.2	14.8	25.5	39.4	20.7	158.7	8.1	0.0
26	270	32.4	19.0	25.7	54.5	20.5	471.4	10.6	0.0
27	271	32.2	21.4	26.8	54.8	20.9	335.8	11.5	0.0
28	272	32.9	16.0	24.5	54.5	21.6	242.6	10.9	0.0
29	273	35.1	16.0	25.6	49.0	20.7	119.7	9.7	0.0
30	274	36.6	15.4	26.0	36.7	21.5	109.2	8.8	0.0
Mean/Total		34.2	17.9	26.1	48.7	m	253.1	m	0.0
Abs. Max.		38.0	22.8	28.8	59.5	m	597.0	m	0.0
Abs. Min.		30.5	13.0	23.0	35.0	m	109.2	m	0.0

JINDIRESS - DAILY CLIMATIC DATA
OCTOBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	275	37.0	15.6	26.3	36.9	20.0	104.5	8.0	0.0
2	276	35.0	16.0	25.5	48.7	20.6	324.8	10.2	0.0
3	277	30.0	18.8	24.4	52.0	16.1	326.4	8.8	0.0
4	278	24.2	14.8	19.5	30.9	18.9	139.0	8.4	0.0
5	279	24.2	7.0	15.6	33.9	18.4	118.0	7.1	0.0
6	280	26.6	7.0	16.8	34.0	21.2	120.4	8.0	0.0
7	281	27.9	8.0	18.0	36.2	20.4	122.4	8.3	0.0
8	282	28.2	9.0	18.6	39.0	21.7	209.6	6.2	0.0
9	283	28.8	9.7	19.3	38.8	21.1	99.6	7.4	0.0
10	284	31.1	10.8	21.0	35.4	20.6	135.1	7.1	0.0
11	285	31.0	11.8	21.4	33.2	19.9	140.3	8.0	0.0
12	286	31.0	13.9	22.5	34.6	18.1	221.1	8.0	0.0
13	287	31.2	15.6	23.4	31.1	18.9	178.2	7.3	0.0
14	288	32.6	13.0	22.8	32.4	16.3	172.9	5.6	0.0
15	289	31.1	19.9	25.5	38.1	14.9	221.3	5.6	0.0
16	290	32.0	19.6	25.8	41.8	15.8	207.7	5.6	0.0
17	291	30.2	20.0	25.1	42.9	14.3	477.5	6.6	42.0
18	292	22.5	15.1	18.8	62.1	9.6	117.4	2.2	0.0
19	293	24.4	14.0	19.2	59.5	19.8	98.9	2.2	0.0
20	294	25.2	13.2	19.2	56.0	17.1	103.3	2.2	0.0
21	295	26.2	11.3	18.8	58.5	16.5	159.3	2.3	5.0
22	296	20.0	15.0	17.5	67.1	11.3	208.7	2.0	3.8
23	297	20.2	13.0	16.6	66.5	13.2	131.7	3.8	0.0
24	298	22.0	15.0	18.5	63.6	12.1	111.9	4.6	10.2
25	299	22.0	12.2	17.1	62.2	15.3	111.5	3.5	0.0
26	300	21.0	7.8	14.4	55.0	17.9	97.5	3.5	0.0
27	301	22.2	7.0	14.6	59.9	14.5	209.2	5.4	21.3
28	302	16.0	9.0	12.5	78.1	4.7	129.3	3.9	18.0
29	303	18.8	8.1	13.5	63.7	17.5	106.1	2.4	0.0
30	304	17.0	6.5	11.8	68.0	14.3	131.6	1.6	0.0
31	305	16.4	5.2	10.8	68.0	13.0	258.7	3.3	17.1
Mean/Total		26.0	12.4	19.2	49.3	16.6	170.8	5.4	117.4
Abs. Max.		37.0	20.0	26.3	78.1	21.7	477.5	10.2	42.0
Abs. Min.		16.0	5.2	10.8	30.9	4.7	97.5	1.6	0.0

**JINDIRESS - DAILY SOIL TEMPERATURE
OCTOBER 1987**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	275	39.0	24.5	31.8	34.8	26.4	30.6	29.5	27.5	28.5
2	276	37.8	25.0	31.4	33.6	26.8	30.2	29.3	27.7	28.5
3	277	35.0	28.0	31.5	32.0	28.5	30.3	29.0	28.0	28.5
4	278	34.0	23.0	28.5	31.0	24.8	27.9	28.5	26.7	27.6
5	279	32.2	18.8	25.5	28.8	21.6	25.2	27.2	25.0	26.1
6	280	33.7	17.7	25.7	29.1	21.0	25.1	26.1	24.0	25.1
7	281	35.0	19.0	27.0	29.8	20.9	25.4	26.0	24.0	25.0
8	282	33.8	19.8	26.8	28.7	21.1	24.9	26.0	24.0	25.0
9	283	35.0	19.2	27.1	29.3	20.7	25.0	25.8	23.7	24.8
10	284	35.0	20.0	27.5	29.7	21.5	25.6	25.9	24.0	25.0
11	285	35.3	20.5	27.9	30.0	21.8	25.9	26.0	24.0	25.0
12	286	34.2	21.8	28.0	29.2	22.4	25.8	26.0	24.0	25.0
13	287	35.0	22.4	28.7	29.3	23.0	26.2	26.0	24.2	25.1
14	288	33.3	21.0	27.2	29.9	21.7	25.8	26.0	24.0	25.0
15	289	33.3	22.9	28.1	30.0	24.1	27.1	26.0	24.5	25.3
16	290	34.8	24.0	29.4	31.0	25.2	28.1	26.6	25.0	25.8
17	291	32.0	24.1	28.1	29.4	25.4	27.4	26.6	25.2	25.9
18	292	27.2	23.0	25.1	27.3	24.7	26.0	26.0	24.2	25.1
19	293	26.9	19.9	23.4	26.6	22.0	24.3	24.2	23.1	23.7
20	294	26.0	19.6	22.8	25.1	22.0	23.6	24.0	23.0	23.5
21	295	29.9	19.0	24.5	25.2	21.0	23.1	23.9	22.9	23.4
22	296	25.6	21.8	23.7	24.0	21.0	22.5	23.8	22.1	23.0
23	297	25.0	20.0	22.5	22.0	19.2	20.6	22.0	21.5	21.8
24	298	26.1	21.7	23.9	22.2	20.1	21.2	22.0	21.8	21.9
25	299	26.0	21.0	23.5	22.5	19.8	21.2	22.1	21.5	21.8
26	300	24.2	18.0	21.1	21.0	17.2	19.1	22.0	20.8	21.4
27	301	23.5	17.1	20.3	20.0	16.2	18.1	21.0	20.0	20.5
28	302	21.4	19.0	20.2	19.2	17.0	18.1	19.0	17.8	18.4
29	303	22.5	17.5	20.0	18.3	15.9	17.1	17.8	17.0	17.4
30	304	21.0	16.6	18.8	17.5	15.6	16.6	17.5	16.6	17.1
31	305	20.8	15.3	18.1	17.0	14.6	15.8	17.0	16.0	16.5
Mean		30.1	20.7	25.4	26.6	21.4	24.0	24.5	23.0	23.8
Abs.Max.		39.0	28.0	31.8	34.8	28.5	30.6	29.5	28.0	28.5
Abs.Min.		20.8	15.3	18.1	17.0	14.6	15.8	17.0	16.0	16.5

JINDIRESS - DAILY CLIMATIC DATA
NOVEMBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	306	13.0	10.4	11.7	82.7	2.3	145.2	0.3	25.2
2	307	15.8	9.0	12.4	75.0	7.2	204.7	0.5	3.6
3	308	17.9	4.9	11.4	62.1	16.9	105.1	2.7	0.0
4	309	18.8	5.0	11.9	69.5	14.4	155.9	2.3	0.0
5	310	14.6	11.7	13.2	74.9	5.5	143.5	3.6	15.2
6	311	13.0	10.0	11.5	79.5	2.7	145.8	2.8	21.4
7	312	16.2	5.7	11.0	62.8	15.7	131.8	2.5	0.0
8	313	16.3	2.1	9.2	65.6	16.0	95.2	1.8	0.0
9	314	17.0	6.6	11.8	67.9	13.8	95.7	2.7	0.0
10	315	17.8	4.0	10.9	69.6	15.4	95.7	2.7	0.0
11	316	16.8	5.2	11.0	70.3	11.2	135.7	1.4	0.0
12	317	19.4	7.4	13.4	63.7	14.2	209.6	3.1	0.0
13	318	22.0	9.9	16.0	62.0	13.2	178.0	4.2	0.0
14	319	21.2	6.6	13.9	63.0	13.4	97.9	3.5	0.0
15	320	23.2	6.8	15.0	64.5	14.1	101.1	2.4	0.0
16	321	23.3	6.6	15.0	63.5	14.2	103.8	2.7	0.0
17	322	23.0	7.0	15.0	62.3	13.6	146.2	2.1	0.0
18	323	22.5	8.7	15.6	61.1	13.1	142.0	m	0.0
19	324	21.6	6.0	13.8	68.0	12.6	108.2	2.7	0.0
20	325	16.7	8.3	12.5	75.5	5.9	107.7	1.5	0.3
21	326	17.0	8.2	12.6	74.7	7.5	89.2	1.6	0.0
22	327	20.2	8.6	14.4	69.5	11.5	127.4	1.9	0.0
23	328	21.0	10.0	15.5	66.1	12.5	144.7	3.2	0.0
24	329	21.4	6.0	13.7	66.5	12.8	101.2	3.0	0.0
25	330	20.8	5.0	12.9	67.0	12.9	113.6	1.6	0.0
26	331	17.0	3.8	10.4	66.0	7.9	91.0	2.7	0.0
27	332	20.9	2.0	11.5	63.5	12.1	115.7	2.4	0.0
28	333	18.3	5.9	12.1	61.3	9.1	186.2	3.9	0.0
29	334	20.0	6.7	13.4	55.5	11.1	240.3	4.9	0.0
30	335	19.9	4.5	12.2	55.0	12.3	246.1	2.8	0.0
Mean/Total		18.9	6.8	12.8	67.0	11.5	136.8	m	65.7
Abs. Max.		23.3	11.7	16.0	82.7	16.9	246.1	m	25.2
Abs. Min.		13.0	2.0	9.2	55.0	2.3	89.2	m	0.0

JINDIRESS - DAILY SOIL TEMPERATURE
NOVEMBER 1987

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	306	19.0	17.0	18.0	16.8	15.0	15.9	16.5	15.5	16.0
2	307	19.5	17.0	18.3	16.2	15.0	15.6	15.5	15.5	15.5
3	308	20.1	14.0	17.1	16.2	13.3	14.8	15.5	14.7	15.1
4	309	19.8	14.5	17.2	16.5	13.5	15.0	16.9	14.9	15.9
5	310	18.0	16.0	17.0	16.0	15.0	15.5	15.0	14.9	15.0
6	311	17.0	15.7	16.4	15.0	14.4	14.7	14.9	14.3	14.6
7	312	19.0	13.8	16.4	15.6	13.2	14.4	14.6	14.0	14.3
8	313	18.3	11.5	14.9	15.0	11.8	13.4	14.5	13.4	14.0
9	314	19.0	13.4	16.2	15.5	12.8	14.2	14.1	13.8	14.0
10	315	19.2	12.5	15.9	15.4	12.2	13.8	14.0	13.6	13.8
11	316	17.9	14.0	16.0	15.0	12.4	13.7	14.0	13.6	13.8
12	317	18.4	13.0	15.7	15.4	12.8	14.1	14.0	13.5	13.8
13	318	18.9	12.8	15.9	15.9	12.9	14.4	14.2	13.6	13.9
14	319	19.8	13.2	16.5	16.0	13.0	14.5	14.5	14.0	14.3
15	320	20.0	13.0	16.5	16.3	13.0	14.7	14.6	14.0	14.3
16	321	20.0	13.1	16.6	16.3	13.0	14.7	14.7	14.0	14.4
17	322	19.8	13.0	16.4	16.0	13.0	14.5	14.6	14.0	14.3
18	323	20.0	13.9	17.0	17.0	13.2	15.1	14.8	14.0	14.4
19	324	19.8	13.0	16.4	16.4	13.4	14.9	14.8	14.0	14.4
20	325	17.3	14.0	15.7	15.3	13.9	14.6	14.5	14.0	14.3
21	326	18.0	14.2	16.1	15.9	13.9	14.9	14.3	14.0	14.2
22	327	20.0	14.2	17.1	16.9	14.0	15.5	14.9	14.0	14.5
23	328	20.2	15.0	17.6	17.0	14.5	15.8	15.0	14.4	14.7
24	329	19.8	13.4	16.6	16.5	13.7	15.1	15.0	14.0	14.5
25	330	20.1	13.0	16.6	16.0	13.1	14.6	14.5	14.0	14.3
26	331	17.3	13.1	15.2	14.3	12.5	13.4	14.2	13.3	13.8
27	332	18.6	12.0	15.3	15.0	11.2	13.1	13.5	12.8	13.2
28	333	17.0	13.0	15.0	14.0	12.0	13.0	13.4	12.8	13.1
29	334	17.9	12.8	15.4	14.5	11.9	13.2	13.1	12.6	12.9
30	335	17.0	12.0	14.5	14.0	11.4	12.7	13.0	12.2	12.6
Mean		18.9	13.7	16.3	15.7	13.2	14.5	14.6	13.9	14.3
Abs.Max.		20.2	17.0	18.3	17.0	15.0	15.9	16.9	15.5	16.0
Abs.Min.		17.0	11.5	14.5	14.0	11.2	12.7	13.0	12.2	12.6

JINDIRESS - DAILY CLIMATIC DATA
DECEMBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	336	18.3	6.0	12.2	46.0	10.1	219.9	2.1	0.0
2	337	19.2	8.0	13.6	44.6	9.0	393.5	3.1	0.0
3	338	19.0	13.0	16.0	58.0	4.5	255.1	2.7	0.0
4	339	14.0	7.8	10.9	77.0	7.0	322.1	5.3	17.2
5	340	10.0	4.2	7.1	83.2	5.4	82.2	1.1	0.0
6	341	12.6	3.0	7.8	74.5	9.4	129.6	1.8	0.0
7	342	13.7	1.5	7.6	78.0	7.5	227.0	1.6	1.2
8	343	10.8	8.2	9.5	83.5	2.9	198.8	1.2	0.0
9	344	11.0	8.4	9.7	81.7	3.2	122.6	1.1	0.0
10	345	10.9	9.0	10.0	85.7	1.4	303.2	0.9	0.0
11	346	13.0	9.7	11.4	83.0	3.1	140.8	2.4	8.3
12	347	12.3	9.9	11.1	87.3	2.8	151.0	3.3	23.3
13	348	15.0	7.2	11.1	82.5	7.2	124.5	1.1	0.4
14	349	12.2	6.2	9.2	77.2	4.8	142.7	1.1	0.0
15	350	12.0	7.5	9.8	80.2	3.8	264.9	1.1	0.0
16	351	13.0	11.0	12.0	81.5	3.7	395.3	1.6	0.0
17	352	13.7	11.5	12.6	73.8	5.2	307.0	0.9	0.0
18	353	14.5	11.1	12.8	77.8	3.0	214.5	2.0	0.0
19	354	13.5	9.5	11.5	84.8	2.2	102.2	1.5	0.0
20	355	15.7	9.4	12.6	80.4	8.7	119.4	7.0	8.0
21	356	14.2	10.5	12.4	77.0	3.4	231.3	1.8	2.0
22	357	12.2	9.7	11.0	77.5	1.7	132.2	8.9	10.1
23	358	11.4	9.0	10.2	80.5	1.4	31.5	1.8	5.3
24	359	12.0	2.2	7.1	77.7	5.2	309.9	3.6	9.2
25	360	9.0	1.4	5.2	68.4	10.1	134.7	1.2	0.0
26	361	7.0	0.1	3.6	68.9	8.4	164.8	1.8	0.0
27	362	6.6	-4.2	1.2	70.6	4.9	87.9	2.2	0.0
28	363	4.5	-6.0	-0.8	76.6	11.8	113.4	2.2	0.0
29	364	7.8	-0.3	3.8	80.8	4.7	204.2	2.2	0.0
30	365	9.0	0.2	4.6	78.9	7.7	110.9	1.0	0.0
31	366	12.3	-0.9	5.7	75.5	10.5	218.7	1.0	0.0
Mean/Total		12.3	5.9	9.1	75.9	5.6	192.1	2.3	85.0
Abs. Max.		19.2	13.0	16.0	87.3	11.8	395.3	8.9	23.3
Abs. Min.		4.5	-6.0	-0.8	44.6	1.4	31.5	0.9	0.0

**JINDIRESS - DAILY SOIL TEMPERATURE
DECEMBER 1987**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	336	16.0	11.0	13.5	13.0	10.6	11.8	12.6	11.8	12.2
2	337	16.0	11.8	13.9	12.8	11.0	11.9	12.2	11.5	11.9
3	338	18.0	13.7	15.9	14.0	11.8	12.9	12.9	12.0	12.5
4	339	16.0	14.0	15.0	13.2	12.0	12.6	12.9	12.3	12.6
5	340	15.1	12.2	13.7	12.0	10.8	11.4	12.2	11.9	12.1
6	341	15.3	11.1	13.2	12.0	9.8	10.9	12.0	11.2	11.6
7	342	14.3	10.0	12.2	11.2	9.0	10.1	11.5	10.7	11.1
8	343	14.0	13.0	13.5	11.2	11.0	11.1	11.0	11.0	11.0
9	344	13.0	11.0	12.0	11.4	10.7	11.1	13.0	12.8	12.9
10	345	11.8	11.2	11.5	11.2	11.0	11.1	13.0	13.0	13.0
11	346	13.1	11.3	12.2	12.0	11.0	11.5	13.1	13.0	13.1
12	347	12.9	11.5	12.2	12.0	11.2	11.6	13.2	13.0	13.1
13	348	15.0	11.2	13.1	13.3	11.5	12.4	14.0	13.2	13.6
14	349	12.1	10.0	11.1	11.7	10.3	11.0	13.8	13.0	13.4
15	350	12.2	10.0	11.1	11.5	10.5	11.0	13.1	13.0	13.1
16	351	12.7	11.3	12.0	12.0	11.0	11.5	13.0	12.8	12.9
17	352	13.0	12.0	12.5	12.4	11.8	12.1	13.1	13.0	13.1
18	353	13.0	11.5	12.3	12.5	11.9	12.2	13.1	13.0	13.1
19	354	13.4	12.5	13.0	12.8	12.0	12.4	13.4	13.1	13.3
20	355	15.8	11.6	13.7	14.0	12.0	13.0	14.0	13.2	13.6
21	356	14.0	12.5	13.3	13.0	12.5	12.8	14.0	13.9	14.0
22	357	12.4	11.9	12.2	12.5	12.0	12.3	13.5	13.3	13.4
23	358	12.4	11.1	11.8	11.9	11.2	11.6	13.4	13.0	13.2
24	359	11.1	9.0	10.1	11.2	9.8	10.5	13.0	12.4	12.7
25	360	10.6	6.3	8.5	10.0	8.0	9.0	12.3	11.5	11.9
26	361	8.5	5.5	7.0	8.3	7.0	7.7	11.8	10.8	11.3
27	362	8.0	5.4	6.7	7.9	6.7	7.3	11.0	10.4	10.7
28	363	7.3	4.0	5.7	6.9	5.5	6.2	10.4	9.4	9.9
29	364	7.4	4.8	6.1	7.0	5.6	6.3	9.5	9.0	9.3
30	365	9.0	5.8	7.4	7.8	5.7	6.8	9.4	9.0	9.2
31	366	9.7	4.9	7.3	8.0	5.6	6.8	9.8	9.0	9.4
Mean		12.7	10.1	11.4	11.3	10.0	10.7	12.4	11.9	12.2
Abs.Max.		18.0	14.0	15.9	14.0	12.5	13.0	14.0	13.9	14.0
Abs.Min.		7.3	4.0	5.7	6.9	5.5	6.2	9.4	9.0	9.2

JINDIRESS - DAILY CLIMATIC DATA
JANUARY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	1	6.9	-1.8	2.6	81.7	2.5	142.5	0.7	0.0
2	2	9.2	-0.8	4.2	74.5	7.7	143.2	0.7	0.0
3	3	11.5	1.5	6.5	66.5	8.8	273.8	0.7	0.0
4	4	8.1	4.0	6.1	76.0	2.5	360.0	2.1	12.2
5	5	7.4	4.5	6.0	84.2	2.4	167.8	0.9	2.4
6	6	13.8	0.6	7.2	76.5	8.7	95.4	0.9	0.0
7	7	14.4	0.6	7.5	77.2	12.2	125.6	1.0	0.0
8	8	15.0	1.4	8.2	77.4	11.7	116.2	0.9	0.0
9	9	15.3	2.5	8.9	74.5	11.2	116.4	1.5	0.0
10	10	16.0	7.0	11.5	59.9	11.2	319.4	2.2	0.0
11	11	11.0	6.2	8.6	77.5	2.8	365.4	1.7	9.2
12	12	9.9	3.1	6.5	84.9	4.9	96.9	0.5	2.1
13	13	9.7	3.5	6.6	80.5	3.0	132.4	1.4	7.0
14	14	9.6	5.0	7.3	70.5	6.1	146.5	2.6	0.0
15	15	7.5	1.1	4.3	75.9	3.6	130.7	0.9	0.0
16	16	8.0	-0.5	3.8	72.9	7.5	92.7	0.5	0.0
17	17	10.0	-2.0	4.0	75.0	9.8	130.9	0.9	0.0
18	18	13.0	-2.0	5.5	66.8	13.1	203.4	1.8	0.0
19	19	14.8	1.5	8.2	74.0	10.2	176.8	1.2	2.2
20	20	8.9	5.2	7.1	78.8	2.7	163.9	1.9	0.0
21	21	10.0	1.0	5.5	79.5	6.9	147.0	0.9	0.0
22	22	7.6	4.8	6.2	81.0	3.8	191.5	1.2	2.2
23	23	6.3	4.3	5.3	86.5	1.3	197.7	2.2	13.2
24	24	7.0	5.0	6.0	89.6	1.8	151.2	1.1	27.3
25	25	9.9	5.8	7.9	91.4	6.4	90.7	0.2	0.0
26	26	12.4	6.0	9.2	85.5	11.4	131.7	1.9	2.2
27	27	10.8	8.0	9.4	93.3	2.0	190.0	1.8	12.2
28	28	14.0	1.2	7.6	79.5	11.4	110.5	1.8	0.0
29	29	15.0	4.0	9.5	74.1	12.3	121.2	0.9	0.0
30	30	10.0	7.0	8.5	89.5	3.3	266.7	0.7	3.3
31	31	10.2	8.0	9.1	88.0	3.7	168.2	1.8	5.3
Mean/Total		10.7	3.1	6.9	78.8	6.7	169.9	1.3	100.8
Abs. Max.		16.0	8.0	11.5	93.3	13.1	365.4	2.6	27.3
Abs. Min.		6.3	-2.0	2.6	59.9	1.3	90.7	0.2	0.0

**JINDIRESS - DAILY SOIL TEMPERATURE
JANUARY 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	1	8.3	5.0	6.7	7.6	5.9	6.8	9.8	9.2	9.5
2	2	7.9	4.2	6.1	7.0	5.0	6.0	9.2	8.8	9.0
3	3	7.7	4.0	5.9	6.5	5.0	5.8	8.6	8.0	8.3
4	4	6.9	6.0	6.5	6.3	5.9	6.1	8.5	8.4	8.5
5	5	6.9	5.7	6.3	6.0	5.5	5.8	8.3	8.0	8.2
6	6	11.9	6.0	9.0	9.9	7.0	8.5	10.6	10.0	10.3
7	7	11.9	5.8	8.9	9.8	6.7	8.3	10.5	10.0	10.3
8	8	12.0	6.0	9.0	10.0	6.7	8.4	10.7	10.0	10.4
9	9	12.0	6.2	9.1	10.0	7.0	8.5	10.9	10.0	10.5
10	10	12.8	7.7	10.3	10.8	8.1	9.5	11.6	11.0	11.3
11	11	9.4	8.0	8.7	9.0	8.0	8.5	11.0	11.0	11.0
12	12	11.4	8.0	9.7	10.0	8.0	9.0	11.2	11.0	11.1
13	13	10.3	7.5	8.9	9.6	8.0	8.8	11.0	10.8	10.9
14	14	10.0	7.6	8.8	9.4	8.0	8.7	11.0	10.8	10.9
15	15	9.0	6.0	7.5	8.8	7.0	7.9	11.0	10.2	10.6
16	16	10.0	5.2	7.6	8.8	6.4	7.6	10.5	10.0	10.3
17	17	10.0	4.8	7.4	7.5	4.8	6.2	10.3	9.8	10.1
18	18	10.0	4.4	7.2	7.4	4.5	5.9	10.0	9.5	9.8
19	19	9.8	4.4	7.1	7.0	4.4	5.7	9.9	9.0	9.5
20	20	8.0	6.0	7.0	6.5	5.1	5.8	9.8	9.4	9.6
21	21	11.0	6.0	8.5	8.0	5.5	6.8	10.1	9.7	9.9
22	22	8.8	6.0	7.4	7.0	5.5	6.3	9.8	9.4	9.6
23	23	7.8	7.0	7.4	6.1	6.0	6.1	9.7	9.4	9.6
24	24	8.9	8.0	8.5	7.2	6.0	6.6	9.2	9.0	9.1
25	25	12.4	9.4	10.9	9.4	8.0	8.7	11.0	10.0	10.5
26	26	13.5	10.0	11.8	11.0	8.9	10.0	12.0	11.0	11.5
27	27	11.8	10.0	10.9	9.8	8.9	9.4	11.8	11.2	11.5
28	28	15.0	6.5	10.8	11.5	7.0	9.3	12.2	10.0	11.1
29	29	14.0	8.0	11.0	10.8	7.0	8.9	12.0	11.0	11.5
30	30	11.0	9.3	10.2	9.2	8.2	8.7	11.9	10.4	11.2
31	31	11.2	10.0	10.6	9.5	9.0	9.3	11.9	11.5	11.7
Mean		10.4	6.7	8.6	8.6	6.7	7.7	10.5	9.9	10.2
Abs.Max.		15.0	10.0	11.8	11.5	9.0	10.0	12.2	11.5	11.7
Abs.Min.		6.9	4.0	5.9	6.0	4.4	5.7	8.3	8.0	8.2

JINDIRESS - DAILY CLIMATIC DATA
FEBRUARY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	32	11.5	7.0	9.3	84.8	6.7	214.0	2.9	9.0
2	33	11.5	1.0	6.3	85.3	7.1	98.7	2.6	0.0
3	34	14.3	5.9	10.1	78.3	14.8	230.4	0.4	1.3
4	35	15.2	-0.9	7.2	75.0	14.5	142.8	3.5	0.0
5	36	13.2	1.5	7.4	70.5	15.5	114.3	1.7	0.0
6	37	12.8	6.0	9.4	62.5	8.9	462.0	3.9	0.0
7	38	14.0	0.8	7.4	77.3	14.2	188.7	3.5	0.0
8	39	14.9	0.0	7.5	74.5	15.6	113.4	3.5	0.0
9	40	16.2	1.9	9.1	80.0	16.2	185.8	2.1	0.0
10	41	13.2	5.2	9.2	84.5	9.6	92.3	0.3	1.2
11	42	17.0	4.0	10.5	77.0	14.6	133.2	3.7	0.0
12	43	16.2	8.0	12.1	73.0	11.1	282.0	1.8	0.0
13	44	10.2	8.3	9.3	90.8	2.3	156.5	0.2	1.2
14	45	10.2	8.9	9.6	82.5	1.8	211.9	2.2	3.1
15	46	11.0	7.0	9.0	89.0	3.0	330.2	1.7	9.0
16	47	9.6	1.2	5.4	89.3	3.5	180.2	0.7	4.2
17	48	14.5	4.0	9.3	73.5	16.2	105.9	1.2	1.2
18	49	12.7	5.2	8.9	82.8	7.7	99.1	0.7	0.0
19	50	13.0	6.8	9.9	83.3	10.4	132.7	1.5	8.1
20	51	13.0	4.9	9.0	82.5	8.9	146.3	0.9	0.0
21	52	14.0	8.9	11.5	88.0	10.0	126.7	1.0	8.0
22	53	11.0	5.0	8.0	88.5	4.5	93.8	1.8	8.3
23	54	9.0	3.5	6.3	83.4	10.5	175.9	1.2	3.0
24	55	9.8	-1.2	4.3	75.0	12.7	178.9	2.4	0.0
25	56	11.5	3.0	7.3	71.3	15.9	201.2	3.1	0.0
26	57	14.0	7.0	10.5	67.0	17.0	362.1	3.5	0.0
27	58	15.0	8.0	11.5	78.3	12.8	287.4	3.7	0.4
28	59	9.0	7.9	8.5	95.1	3.9	78.6	2.3	17.0
29	60	12.0	1.5	6.8	87.0	5.4	256.0	1.2	3.2
Mean/Total		12.7	4.5	8.6	80.3	10.2	185.6	2.0	78.2
Abs. Max.		17.0	8.9	12.1	95.1	17.0	462.0	3.9	17.0
Abs. Min.		9.0	-1.2	4.3	62.5	1.8	78.6	0.2	0.0

**JINDIRESS - DAILY SOIL TEMPERATURE
FEBRUARY 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	32	12.8	10.0	11.4	10.4	9.0	9.7	12.0	11.9	12.0
2	33	13.9	7.0	10.5	11.0	7.5	9.3	12.5	12.0	12.3
3	34	13.5	7.0	10.3	10.8	7.2	9.0	12.0	11.2	11.6
4	35	16.0	6.0	11.0	12.0	7.0	9.5	12.5	11.8	12.2
5	36	14.0	6.7	10.4	10.5	6.9	8.7	12.0	11.0	11.5
6	37	10.2	7.0	8.6	8.5	6.9	7.7	11.2	10.9	11.1
7	38	m	m	m	10.5	7.9	9.2	12.0	11.9	12.0
8	39	m	m	m	11.5	7.0	9.3	12.3	11.5	11.9
9	40	m	m	m	11.2	7.5	9.4	12.2	11.5	11.9
10	41	m	m	m	12.0	9.0	10.5	12.2	11.9	12.1
11	42	m	m	m	13.0	9.0	11.0	13.2	12.4	12.8
12	43	m	m	m	12.0	10.0	11.0	13.0	12.5	12.8
13	44	m	m	m	10.2	9.9	10.1	12.8	12.5	12.7
14	45	11.0	10.0	10.5	9.3	8.9	9.1	12.0	11.8	11.9
15	46	11.2	9.5	10.4	9.3	8.5	8.9	11.8	11.5	11.7
16	47	11.0	7.0	9.0	9.2	7.0	8.1	11.5	11.0	11.3
17	48	15.4	7.0	11.2	11.2	7.0	9.1	12.2	11.0	11.6
18	49	13.8	9.8	11.8	10.9	8.8	9.9	12.0	11.8	11.9
19	50	15.2	10.0	12.6	11.9	9.0	10.5	12.5	12.0	12.3
20	51	14.0	9.5	11.8	11.2	9.2	10.2	12.5	12.0	12.3
21	52	14.2	11.2	12.7	12.2	10.0	11.1	12.0	11.5	11.8
22	53	13.0	9.8	11.4	11.7	10.0	10.9	12.2	12.0	12.1
23	54	13.2	8.8	11.0	11.5	9.0	10.3	12.0	11.5	11.8
24	55	13.2	5.8	9.5	11.2	7.0	9.1	12.0	11.0	11.5
25	56	13.2	5.8	9.5	11.0	7.0	9.0	11.0	10.3	10.7
26	57	13.9	6.5	10.2	11.2	7.5	9.4	11.2	10.5	10.9
27	58	13.5	9.0	11.3	11.8	9.0	10.4	11.9	11.0	11.5
28	59	11.8	10.5	11.2	10.8	10.0	10.4	11.2	11.0	11.1
29	60	12.0	7.0	9.5	11.0	8.2	9.6	11.8	11.2	11.5
Mean		m	m	m	11.0	8.3	9.7	12.1	11.5	11.8
Abs.Max.		m	m	m	13.0	10.0	11.1	13.2	12.5	12.8
Abs.Min.		m	m	m	8.5	6.9	7.7	11.0	10.3	10.7

JINDIRESS - DAILY CLIMATIC DATA
MARCH 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	61	13.0	7.0	10.0	80.6	11.7	160.5	1.6	7.4
2	62	13.9	6.0	10.0	78.5	8.0	372.8	0.3	6.0
3	63	15.0	7.3	11.2	75.4	19.6	374.9	m	15.1
4	64	10.9	-2.0	4.5	68.4	14.5	313.0	2.6	0.0
5	65	13.0	0.9	7.0	66.5	20.2	143.6	4.9	0.0
6	66	13.0	6.5	9.8	72.0	12.3	359.9	2.9	2.0
7	67	8.0	6.8	7.4	89.5	2.2	465.2	1.9	4.3
8	68	7.9	4.0	6.0	93.3	3.7	142.1	m	6.2
9	69	12.0	7.0	9.5	88.1	4.4	129.5	m	58.2
10	70	15.0	8.9	12.0	80.3	15.4	253.4	2.7	17.0
11	71	13.5	8.0	10.8	82.0	8.5	320.7	3.2	7.0
12	72	14.1	8.0	11.1	82.0	12.2	157.1	2.6	7.0
13	73	13.5	3.9	8.7	87.9	11.7	133.8	2.3	3.2
14	74	15.0	7.0	11.0	81.1	16.1	207.2	m	8.5
15	75	15.0	7.2	11.1	86.4	10.8	183.3	2.0	7.2
16	76	18.0	8.5	13.3	78.5	20.6	115.4	4.8	0.0
17	77	19.8	10.0	14.9	73.8	18.9	411.0	5.2	0.0
18	78	20.2	10.5	15.4	75.9	20.3	152.3	3.5	0.0
19	79	17.0	9.1	13.1	79.3	9.6	143.7	3.5	12.2
20	80	13.0	1.5	7.3	83.0	9.1	179.7	1.0	2.4
21	81	14.0	3.0	8.5	73.6	23.7	198.4	5.2	0.0
22	82	14.8	1.6	8.2	73.4	22.9	149.3	3.7	0.0
23	83	16.2	3.8	10.0	72.3	22.9	281.1	4.4	0.0
24	84	18.0	5.8	11.9	73.0	24.7	110.0	2.6	0.0
25	85	20.9	11.0	16.0	71.0	20.9	254.5	3.5	0.0
26	86	15.2	6.3	10.8	82.0	18.5	424.3	5.6	1.2
27	87	20.0	6.0	13.0	75.5	23.3	311.3	5.8	0.0
28	88	20.2	8.5	14.4	77.5	19.0	170.2	4.6	0.0
29	89	16.5	8.8	12.7	82.3	12.1	308.1	0.7	2.2
30	90	16.2	4.0	10.1	80.0	19.1	295.7	5.2	0.0
31	91	18.4	3.5	11.0	71.5	25.5	156.3	5.0	0.0
Mean/Total		15.2	6.1	10.7	78.5	15.6	238.0	m	167.1
Abs. Max.		20.9	11.0	16.0	93.3	25.5	465.2	m	58.2
Abs. Min.		7.9	-2.0	4.5	66.5	2.2	110.0	m	0.0

**JINDIRESS - DAILY SOIL TEMPERATURE
MARCH 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	61	13.8	7.0	10.4	11.5	8.2	9.9	11.9	10.8	11.4
2	62	14.9	9.0	12.0	12.8	10.0	11.4	12.2	11.9	12.1
3	63	16.0	8.9	12.5	13.2	9.8	11.5	13.0	11.9	12.5
4	64	11.8	5.0	8.4	10.8	6.9	8.9	12.2	10.9	11.6
5	65	14.2	5.0	9.6	11.3	6.9	9.1	11.3	10.5	10.9
6	66	12.2	8.9	10.6	10.2	8.0	9.1	11.2	10.9	11.1
7	67	9.0	8.2	8.6	8.5	8.0	8.3	10.9	10.2	10.6
8	68	9.9	8.0	9.0	8.9	8.0	8.5	10.5	10.2	10.4
9	69	11.2	8.0	9.6	8.9	8.0	8.5	10.9	10.1	10.5
10	70	15.0	10.0	12.5	12.1	9.5	10.8	12.0	10.9	11.5
11	71	13.0	10.0	11.5	11.2	9.9	10.6	12.0	11.5	11.8
12	72	15.0	10.0	12.5	12.2	9.9	11.1	12.2	11.5	11.9
13	73	15.0	9.9	12.5	12.9	9.4	11.2	12.5	12.0	12.3
14	74	15.3	9.0	12.2	12.9	9.5	11.2	12.3	11.8	12.1
15	75	15.0	10.5	12.8	12.8	10.4	11.6	12.9	12.0	12.5
16	76	19.8	11.0	15.4	15.5	11.0	13.3	14.0	12.4	13.2
17	77	18.0	11.5	14.8	15.0	11.8	13.4	14.0	13.0	13.5
18	78	21.0	12.0	16.5	16.8	12.2	14.5	14.8	13.8	14.3
19	79	16.9	12.5	14.7	14.8	12.3	13.6	14.2	14.0	14.1
20	80	15.5	12.2	13.9	13.9	11.0	12.5	14.0	13.2	13.6
21	81	17.2	9.8	13.5	14.2	11.0	12.6	13.8	13.0	13.4
22	82	19.0	10.2	14.6	15.2	11.0	13.1	14.0	13.0	13.5
23	83	18.2	10.0	14.1	15.0	11.0	13.0	14.0	13.0	13.5
24	84	21.2	10.9	16.1	16.8	12.0	14.4	15.0	13.8	14.4
25	85	21.3	12.5	16.9	17.2	13.0	15.1	15.5	14.2	14.9
26	86	m	14.0	m	15.9	13.0	14.5	15.2	14.9	15.1
27	87	19.9	12.0	16.0	16.2	12.8	14.5	15.2	14.5	14.9
28	88	20.2	12.0	16.1	16.4	12.2	14.3	15.4	14.0	14.7
29	89	17.2	11.0	14.1	15.0	12.0	13.5	15.0	14.5	14.8
30	90	17.9	10.9	14.4	15.0	11.9	13.5	15.0	14.0	14.5
31	91	20.9	11.0	16.0	16.5	11.9	14.2	15.3	14.0	14.7
Mean		m	10.0	m	13.5	10.4	12.0	13.3	12.5	12.9
Abs.Max.		m	14.0	m	17.2	13.0	15.1	15.5	14.9	15.1
Abs.Min.		m	5.0	m	8.5	6.9	8.3	10.5	10.1	10.4

JINDIRESS - DAILY CLIMATIC DATA
APRIL 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	92	20.0	4.2	12.1	68.5	25.6	125.0	3.5	0.0
2	93	21.0	4.5	12.8	66.8	27.4	155.8	5.4	0.0
3	94	22.8	7.0	14.9	67.1	25.2	131.1	4.4	0.0
4	95	19.2	5.2	12.2	70.5	14.5	91.4	3.8	0.0
5	96	19.0	6.5	12.8	70.4	16.7	85.5	4.4	0.0
6	97	21.5	8.8	15.2	75.1	19.2	107.8	4.5	0.0
7	98	21.0	12.5	16.8	67.5	13.4	157.2	3.5	0.0
8	99	22.8	10.2	16.5	60.5	17.2	233.9	4.4	0.0
9	100	25.0	9.3	17.2	71.5	23.4	224.5	6.1	0.0
10	101	26.2	14.8	20.5	61.3	17.8	99.7	4.4	0.0
11	102	21.0	13.5	17.3	78.5	17.8	364.7	5.1	24.3
12	103	22.4	13.3	17.9	79.0	23.9	131.8	1.3	0.0
13	104	22.0	12.8	17.4	82.5	15.7	198.7	0.2	2.1
14	105	19.8	9.0	14.4	81.8	19.5	292.1	4.4	0.0
15	106	21.2	11.0	16.1	78.0	17.0	119.6	2.6	0.0
16	107	22.0	13.0	17.5	79.4	27.3	315.5	5.1	21.4
17	108	18.2	8.0	13.1	73.5	23.7	336.8	m	0.0
18	109	18.9	8.9	13.9	69.3	21.3	93.5	7.0	0.0
19	110	20.2	9.0	14.6	69.0	19.3	126.7	4.4	0.0
20	111	23.0	9.0	16.0	70.1	19.7	169.1	5.0	19.0
21	112	16.5	8.9	12.7	73.6	19.4	179.9	m	5.0
22	113	18.0	5.5	11.8	74.3	18.5	135.4	1.6	0.0
23	114	20.2	8.5	14.4	67.1	29.6	142.0	2.2	0.0
24	115	23.0	8.0	15.5	64.6	28.0	177.1	4.8	0.0
25	116	26.0	9.0	17.5	61.5	29.1	200.0	7.1	0.0
26	117	26.0	11.9	19.0	66.5	29.3	211.4	6.1	0.0
27	118	26.0	15.9	21.0	63.0	25.3	200.8	5.9	0.0
28	119	27.2	13.5	20.4	64.3	23.7	160.5	5.2	0.0
29	120	27.8	14.2	21.0	67.1	27.3	189.4	5.0	0.0
30	121	23.2	15.0	19.1	71.9	15.4	396.1	7.2	0.0
Mean/Total		22.0	10.0	16.1	70.5	21.7	185.1	m	71.8
Abs. Max.		27.8	15.9	21.0	82.5	29.6	396.1	m	24.3
Abs. Min.		16.5	4.2	11.8	60.5	13.4	85.5	m	0.0

JINDIRESS - DAILY SOIL TEMPERATURE
APRIL 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	92	21.2	11.5	16.4	16.9	12.2	14.6	15.5	14.5	15.0
2	93	21.8	11.5	16.7	17.5	12.5	15.0	16.0	14.9	15.5
3	94	24.0	13.8	18.9	19.2	14.5	16.9	17.0	15.5	16.3
4	95	20.0	12.3	16.2	17.0	13.2	15.1	16.2	15.5	15.9
5	96	20.0	12.0	16.0	17.0	13.0	15.0	16.0	15.2	15.6
6	97	21.8	12.4	17.1	18.2	13.2	15.7	16.8	15.2	16.0
7	98	20.2	14.0	17.1	17.5	14.5	16.0	16.8	16.0	16.4
8	99	21.0	14.8	17.9	18.0	14.5	16.3	17.0	16.2	16.6
9	100	24.0	14.0	19.0	19.9	14.5	17.2	17.8	16.0	16.9
10	101	27.0	17.3	22.2	22.2	17.8	20.0	19.0	17.0	18.0
11	102	19.5	16.5	18.0	18.3	16.8	17.6	18.0	17.0	17.5
12	103	24.0	16.5	20.3	21.0	16.5	18.8	19.0	17.0	18.0
13	104	22.2	17.0	19.6	20.2	18.0	19.1	19.0	18.0	18.5
14	105	21.2	15.0	18.1	19.8	16.0	17.9	18.5	17.5	18.0
15	106	22.0	15.0	18.5	19.8	16.0	17.9	18.0	17.5	17.8
16	107	24.0	16.4	20.2	21.0	17.0	19.0	18.9	17.9	18.4
17	108	21.4	14.4	17.9	19.5	15.2	17.4	18.5	17.5	18.0
18	109	22.0	14.8	18.4	19.2	15.2	17.2	18.0	17.0	17.5
19	110	21.2	15.5	18.4	19.0	16.0	17.5	18.0	17.2	17.6
20	111	23.0	15.8	19.4	20.2	16.2	18.2	18.8	17.5	18.2
21	112	20.0	14.3	17.2	18.2	15.2	16.7	17.9	17.0	17.5
22	113	19.5	12.8	16.2	18.0	14.0	16.0	17.2	16.2	16.7
23	114	22.5	13.0	17.8	19.5	13.8	16.7	17.8	16.0	16.9
24	115	23.9	15.8	19.9	20.8	16.5	18.7	18.5	17.5	18.0
25	116	25.8	16.0	20.9	22.0	16.2	19.1	19.2	18.0	18.6
26	117	25.8	16.2	21.0	22.2	17.0	19.6	19.9	18.2	19.1
27	118	25.0	17.5	21.3	22.0	17.9	20.0	20.0	18.9	19.5
28	119	27.0	19.0	23.0	23.5	19.0	21.3	21.0	19.2	20.1
29	120	27.2	19.2	23.2	24.0	19.2	21.6	21.0	20.0	20.5
30	121	23.0	17.0	20.0	21.2	18.5	19.9	20.2	19.5	19.9
Mean		22.7	15.0	18.9	19.8	15.7	17.7	18.2	17.0	17.6
Abs.Max.		27.2	19.2	23.2	24.0	19.2	21.6	21.0	20.0	20.5
Abs.Min.		19.5	11.5	16.0	16.9	12.2	14.6	15.5	14.5	15.0

JINDIRESS - DAILY CLIMATIC DATA
MAY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	122	21.0	11.8	16.4	78.5	16.8	335.2	3.3	5.0
2	123	15.8	7.9	11.9	87.8	11.1	121.5	0.2	1.2
3	124	22.0	7.9	15.0	76.5	28.5	148.4	5.4	0.0
4	125	25.5	9.5	17.5	69.5	30.0	109.6	3.3	0.0
5	126	28.8	8.8	18.8	59.5	29.6	123.2	4.8	0.0
6	127	29.5	10.9	20.2	55.0	31.5	164.4	6.2	0.0
7	128	29.2	11.5	20.4	65.8	27.9	331.9	8.3	0.0
8	129	27.5	9.0	18.3	73.0	30.0	215.5	7.9	0.0
9	130	25.0	8.0	16.5	59.3	31.4	234.2	9.2	0.0
10	131	26.4	9.0	17.7	64.2	29.7	138.9	8.5	0.0
11	132	27.2	10.0	18.6	70.0	31.5	208.5	8.7	0.0
12	133	29.5	11.9	20.7	65.5	30.7	196.9	8.3	0.0
13	134	29.0	12.8	20.9	68.0	29.4	238.9	10.1	0.0
14	135	35.0	14.5	24.8	63.5	28.7	155.8	9.9	0.0
15	136	35.5	16.0	25.8	59.0	29.7	122.1	7.3	0.0
16	137	38.0	20.8	29.4	49.5	30.4	162.9	10.5	0.0
17	138	35.2	17.0	26.1	70.8	24.0	166.3	10.1	0.0
18	139	29.0	17.0	23.0	72.8	31.6	426.9	8.3	0.0
19	140	30.0	13.0	21.5	75.8	31.3	309.8	8.7	0.0
20	141	34.0	18.9	26.5	67.0	30.7	153.7	4.8	1.3
21	142	28.5	17.0	22.8	74.0	27.8	449.6	6.1	0.0
22	143	27.1	13.5	20.3	70.0	31.8	469.2	10.5	0.0
23	144	27.2	15.0	21.1	67.0	29.6	403.1	12.2	0.0
24	145	16.8	11.7	14.3	79.5	m	116.4	m	4.0
25	146	26.6	16.8	21.7	64.0	29.1	234.4	9.1	0.0
26	147	34.0	16.5	25.3	59.5	20.5	360.1	8.4	2.3
27	148	23.0	16.2	19.6	72.8	18.2	278.4	2.8	5.4
28	149	23.5	14.5	19.0	73.3	23.3	297.0	6.8	3.3
29	150	29.2	12.0	20.6	62.0	31.4	155.5	8.7	0.0
30	151	31.9	13.8	22.9	60.3	31.1	185.0	8.5	0.0
31	152	28.2	15.5	21.9	67.0	31.9	315.5	9.6	0.0
Mean/Total		28.0	13.2	20.6	67.8	m	236.4	m	22.5
Abs. Max.		38.0	20.8	29.4	87.8	m	469.2	m	5.4
Abs. Min.		15.8	7.9	11.9	49.5	m	109.6	m	0.0

**JINDIRESS - DAILY SOIL TEMPERATURE
MAY 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	122	22.5	18.0	20.3	21.0	18.2	19.6	19.9	19.0	19.5
2	123	20.2	15.0	17.6	19.2	16.0	17.6	19.0	18.0	18.5
3	124	25.0	15.2	20.1	22.0	16.0	19.0	19.9	18.0	19.0
4	125	27.9	16.0	22.0	24.3	17.0	20.7	21.0	19.0	20.0
5	126	29.2	17.9	23.6	25.9	19.0	22.5	22.0	20.0	21.0
6	127	29.2	17.9	23.6	26.0	19.2	22.6	22.2	20.8	21.5
7	128	27.2	19.0	23.1	25.0	20.0	22.5	22.2	21.0	21.6
8	129	30.2	19.4	24.8	27.9	21.9	24.9	23.2	22.0	22.6
9	130	28.0	18.0	23.0	26.5	20.5	23.5	23.2	22.0	22.6
10	131	29.9	18.0	24.0	27.2	20.4	23.8	23.2	21.9	22.6
11	132	29.2	18.5	23.9	27.2	21.0	24.1	23.5	22.0	22.8
12	133	30.0	18.9	24.5	28.0	21.0	24.5	23.9	22.0	23.0
13	134	29.0	19.9	24.5	27.5	22.0	24.8	24.0	22.5	23.3
14	135	32.0	20.0	26.0	29.9	22.0	26.0	25.0	22.9	24.0
15	136	34.5	23.4	28.9	31.5	24.0	27.8	26.2	24.0	25.1
16	137	35.5	23.2	29.4	31.0	24.0	27.5	27.0	25.0	26.0
17	138	34.0	23.5	28.8	32.0	24.5	28.3	27.0	25.5	26.3
18	139	31.0	22.5	26.8	30.5	24.3	27.4	26.2	25.0	25.6
19	140	32.0	22.0	27.0	30.0	24.0	27.0	26.2	25.0	25.6
20	141	34.9	22.5	28.7	32.9	24.0	28.5	27.0	24.9	25.9
21	142	30.5	22.5	26.5	29.4	24.5	26.9	26.2	25.0	25.6
22	143	30.0	21.0	25.5	28.5	23.0	25.8	25.8	24.0	24.8
23	144	30.0	21.5	25.8	28.3	23.0	25.7	25.0	23.7	24.4
24	145	21.0	17.3	19.2	23.0	19.4	21.2	23.5	21.2	22.4
25	146	27.6	18.0	22.8	25.9	19.5	22.7	23.0	21.4	22.2
26	147	27.0	20.2	23.6	25.8	21.9	23.9	23.5	22.5	23.0
27	148	25.1	20.8	23.0	24.8	21.9	23.4	23.0	22.3	22.7
28	149	25.0	18.9	22.0	24.2	20.5	22.4	22.5	21.9	22.2
29	150	30.5	20.2	25.4	28.2	22.4	25.3	24.0	22.0	23.0
30	151	31.5	20.2	25.9	29.0	22.0	25.5	25.0	23.0	24.0
31	152	30.0	21.2	25.6	28.2	23.2	25.7	25.0	23.9	24.5
Mean		29.0	19.7	24.4	27.1	21.3	24.2	23.8	22.3	23.1
Abs.Max.		35.5	23.5	29.4	32.9	24.5	28.5	27.0	25.5	26.3
Abs.Min.		20.2	15.0	17.6	19.2	16.0	17.6	19.0	18.0	18.5

JINDIRESS - DAILY CLIMATIC DATA
JUNE 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	153	30.0	14.4	22.2	62.1	32.2	292.0	7.4	0.0
2	154	31.0	14.0	22.5	60.5	36.4	243.6	10.0	0.0
3	155	33.0	14.5	23.8	56.5	24.7	135.6	7.9	0.0
4	156	33.2	16.9	25.1	59.5	31.6	355.4	10.6	0.0
5	157	30.0	9.9	19.9	68.8	32.0	402.3	10.6	0.0
6	158	31.2	14.0	22.6	64.4	32.3	225.5	11.9	0.0
7	159	32.0	16.0	24.0	63.8	31.9	228.2	12.7	0.0
8	160	32.0	16.5	24.3	64.5	31.3	314.5	12.2	0.0
9	161	33.0	18.2	25.6	63.0	30.7	320.2	11.2	0.0
10	162	34.5	18.0	26.3	63.3	30.2	301.7	11.6	0.0
11	163	36.8	18.0	27.4	50.0	30.5	181.2	13.1	0.0
12	164	40.0	23.0	31.5	46.8	23.3	211.8	10.5	0.0
13	165	33.0	20.0	26.5	62.9	24.7	356.8	11.8	0.0
14	166	30.5	20.5	25.5	62.6	30.4	459.8	11.1	0.0
15	167	30.0	16.3	23.2	64.3	27.3	390.3	7.4	2.2
16	168	25.0	14.0	19.5	63.5	15.9	263.6	8.3	0.0
17	169	31.0	18.4	24.7	56.9	31.7	263.6	13.1	0.0
18	170	30.0	16.0	23.0	58.0	30.3	m	9.1	1.2
19	171	30.9	18.0	24.5	57.3	27.5	288.5	9.6	0.0
20	172	31.2	17.0	24.1	53.0	30.5	280.4	9.4	0.0
21	173	32.0	16.0	24.0	55.0	29.9	318.1	11.4	0.0
22	174	30.0	14.0	22.0	56.5	31.5	392.7	8.7	0.0
23	175	27.9	14.8	21.4	59.5	20.8	160.4	9.1	3.0
24	176	30.5	14.9	22.7	53.0	32.7	282.7	9.1	0.0
25	177	32.0	15.9	24.0	53.5	31.9	205.1	7.0	0.0
26	178	34.5	17.2	25.9	51.5	32.0	237.5	12.2	0.0
27	179	37.0	18.5	27.8	51.0	31.5	297.4	14.0	0.0
28	180	35.2	20.0	27.6	59.5	31.6	359.5	12.7	0.0
29	181	35.0	21.0	28.0	60.0	30.2	370.3	13.1	0.0
30	182	35.0	17.5	26.3	57.6	26.0	364.7	14.9	0.0
Mean/Total		32.2	16.8	24.5	58.6	29.4	m	10.7	6.4
Abs. Max.		40.0	23.0	31.5	68.8	36.4	m	14.9	3.0
Abs. Min.		25.0	9.9	19.5	46.8	15.9	m	7.0	0.0

JINDIRESS - DAILY SOIL TEMPERATURE
JUNE 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	153	29.8	21.2	25.5	28.0	23.0	25.5	25.0	23.8	24.4
2	154	30.2	21.8	26.0	28.9	23.2	26.1	25.0	24.0	24.5
3	155	32.2	22.0	27.1	30.0	23.8	26.9	26.0	24.0	25.0
4	156	30.8	22.8	26.8	29.2	24.9	27.1	26.0	25.0	25.5
5	157	30.0	22.0	26.0	29.0	24.0	26.5	25.8	24.5	25.2
6	158	32.0	22.5	27.3	30.2	24.0	27.1	26.0	24.2	25.1
7	159	32.5	23.0	27.8	30.8	24.5	27.7	26.4	24.9	25.7
8	160	31.8	23.2	27.5	30.2	25.0	27.6	26.5	25.0	25.8
9	161	32.2	24.0	28.1	30.8	25.2	28.0	26.9	25.2	26.1
10	162	32.5	23.8	28.2	31.0	25.9	28.5	27.0	25.5	26.3
11	163	34.2	24.2	29.2	32.0	25.9	29.0	27.5	25.8	26.7
12	164	35.0	27.0	31.0	32.2	28.0	30.1	28.0	26.5	27.3
13	165	34.0	25.5	29.8	32.0	27.0	29.5	27.0	26.8	26.9
14	166	33.0	25.0	29.0	31.0	26.5	28.8	27.5	26.5	27.0
15	167	32.6	24.7	28.7	31.0	26.3	28.7	27.4	26.1	26.8
16	168	27.5	21.5	24.5	27.4	23.8	25.6	26.0	24.8	25.4
17	169	31.5	23.5	27.5	29.1	23.8	26.5	26.2	24.8	25.5
18	170	31.0	23.2	27.1	29.2	25.0	27.1	26.0	25.0	25.5
19	171	31.2	24.0	27.6	29.2	25.5	27.4	26.0	25.0	25.5
20	172	32.2	24.0	28.1	30.0	25.9	28.0	26.2	25.2	25.7
21	173	33.0	24.0	28.5	30.9	25.9	28.4	27.0	25.5	26.3
22	174	32.0	24.0	28.0	30.0	26.0	28.0	27.0	26.0	26.5
23	175	29.5	22.0	25.8	28.5	24.5	26.5	26.0	25.2	25.6
24	176	31.2	22.2	26.7	29.2	24.5	26.9	26.0	25.0	25.5
25	177	34.0	23.5	28.8	31.2	25.2	28.2	27.0	25.0	26.0
26	178	35.0	25.2	30.1	32.0	27.0	29.5	27.9	26.5	27.2
27	179	35.0	25.5	30.3	32.0	27.0	29.5	28.0	26.9	27.5
28	180	34.5	26.2	30.4	32.0	27.9	30.0	28.0	27.0	27.5
29	181	34.5	26.5	30.5	32.0	28.0	30.0	28.2	27.0	27.6
30	182	34.0	25.4	29.7	31.9	27.0	29.5	28.2	27.2	27.7
Mean		32.3	23.8	28.1	30.4	25.5	27.9	26.7	25.5	26.1
Abs.Max.		35.0	27.0	31.0	32.2	28.0	30.1	28.2	27.2	27.7
Abs.Min.		27.5	21.2	24.5	27.4	23.0	25.5	25.0	23.8	24.4

JINDIRESS - DAILY CLIMATIC DATA
JULY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	183	34.2	18.0	26.1	59.5	31.3	200.9	10.1	0.0
2	184	34.2	19.0	26.6	61.8	30.9	203.3	11.4	0.0
3	185	36.4	19.0	27.7	50.1	31.8	216.2	11.2	0.0
4	186	40.0	19.8	29.9	46.6	31.8	269.5	13.1	0.0
5	187	39.2	20.0	29.6	51.1	31.6	269.0	8.7	0.0
6	188	40.2	21.0	30.6	47.5	31.4	237.2	12.2	0.0
7	189	41.2	22.2	31.7	40.8	31.3	180.8	14.9	0.0
8	190	40.0	21.0	30.5	41.9	30.9	221.3	17.8	0.0
9	191	39.2	20.0	29.6	46.2	31.1	235.5	21.1	0.0
10	192	39.0	20.5	29.8	42.5	32.0	213.1	13.1	0.0
11	193	37.0	21.2	29.1	55.5	30.5	294.4	11.8	0.0
12	194	35.0	21.0	28.0	55.0	31.1	232.5	12.2	0.0
13	195	37.0	22.2	29.6	55.5	31.1	287.2	14.3	0.0
14	196	37.0	19.0	28.0	55.0	30.9	406.0	14.9	0.0
15	197	38.0	18.8	28.4	51.1	31.5	298.6	17.5	0.0
16	198	36.0	21.0	28.5	51.5	32.2	350.7	15.0	0.0
17	199	37.0	22.4	29.7	59.3	31.8	424.5	14.4	0.0
18	200	36.5	22.4	29.5	59.5	31.1	427.1	15.0	0.0
19	201	34.0	25.0	29.5	62.5	30.2	608.4	15.7	0.0
20	202	35.0	23.6	29.3	61.5	30.9	614.7	18.4	0.0
21	203	33.0	24.3	28.7	66.0	28.2	474.5	17.6	0.0
22	204	35.5	22.0	28.8	63.3	29.2	356.6	17.0	0.0
23	205	36.5	22.0	29.3	57.3	30.9	311.5	17.5	0.0
24	206	37.0	19.0	28.0	47.5	30.9	368.8	14.9	0.0
25	207	37.0	19.1	28.1	48.0	30.2	252.5	17.5	0.0
26	208	37.0	20.0	28.5	48.5	30.2	198.0	16.2	0.0
27	209	38.8	22.0	30.4	54.8	29.8	223.4	13.7	0.0
28	210	35.0	22.7	28.9	60.8	29.5	401.6	14.9	0.0
29	211	34.0	21.0	27.5	61.0	28.5	310.4	13.6	0.0
30	212	35.0	20.5	27.8	55.8	27.7	220.4	15.7	0.0
31	213	33.5	25.0	29.3	59.2	28.0	492.5	12.7	0.0
Mean/Total		36.7	21.1	28.9	54.1	30.6	316.2	14.6	0.0
Abs. Max.		41.2	25.0	31.7	66.0	32.2	614.7	21.1	0.0
Abs. Min.		33.0	18.0	26.1	40.8	27.7	180.8	8.7	0.0

**JINDIRESS - DAILY SOIL TEMPERATURE
JULY 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	183	36.2	26.0	31.1	33.0	27.2	30.1	28.5	27.0	27.8
2	184	37.0	26.5	31.8	34.0	28.0	31.0	29.2	27.5	28.4
3	185	38.4	27.9	33.1	35.0	29.9	32.4	30.0	28.2	29.1
4	186	38.9	28.0	33.4	35.2	29.4	32.3	30.2	28.8	29.5
5	187	38.5	28.2	33.3	35.0	30.0	32.5	30.2	29.0	29.6
6	188	39.2	29.0	34.1	36.0	30.0	33.0	31.0	29.0	30.0
7	189	40.2	29.2	34.7	37.0	31.0	34.0	31.5	30.0	30.8
8	190	40.8	29.8	35.3	37.0	31.0	34.0	31.9	30.2	31.0
9	191	40.8	29.0	34.9	37.0	31.5	34.3	32.0	30.2	31.1
10	192	40.5	28.2	34.4	36.5	30.5	33.5	31.2	30.0	30.6
11	193	37.0	28.4	32.7	35.0	30.5	32.8	30.5	29.7	30.1
12	194	39.5	28.5	34.0	36.0	30.5	33.3	31.0	29.5	30.3
13	195	39.0	29.0	34.0	36.0	30.9	33.5	31.0	30.0	30.5
14	196	38.0	29.3	33.7	35.5	31.0	33.3	31.0	30.0	30.5
15	197	39.0	28.2	33.6	36.0	30.2	33.1	31.0	29.5	30.3
16	198	37.5	28.0	32.8	35.0	30.0	32.5	30.5	29.5	30.0
17	199	39.0	30.0	34.5	34.0	29.7	31.9	30.5	29.4	30.0
18	200	39.0	30.0	34.5	34.3	29.9	32.1	30.3	29.5	29.9
19	201	38.9	30.5	34.7	34.0	30.0	32.0	30.0	29.3	29.7
20	202	38.0	30.0	34.0	34.0	29.8	31.9	30.0	29.0	29.5
21	203	38.1	30.5	34.3	34.0	29.8	31.9	30.0	29.0	29.5
22	204	39.5	30.0	34.8	34.9	30.0	32.5	30.5	29.3	29.9
23	205	40.0	30.0	35.0	35.0	30.0	32.5	30.7	29.5	30.1
24	206	39.0	29.0	34.0	34.5	29.8	32.2	30.5	29.4	30.0
25	207	40.0	29.3	34.7	35.5	29.5	32.5	30.5	29.2	29.9
26	208	41.0	29.8	35.4	36.0	30.0	33.0	31.0	29.3	30.2
27	209	41.0	30.5	35.8	36.0	30.0	33.0	31.0	29.7	30.4
28	210	40.0	30.8	35.4	35.0	30.4	32.7	30.5	29.8	30.2
29	211	40.0	30.3	35.2	35.0	30.5	32.8	30.8	29.5	30.2
30	212	41.0	30.0	35.5	36.0	30.4	33.2	31.0	29.8	30.4
31	213	40.0	31.0	35.5	35.0	30.1	32.6	30.8	29.9	30.4
Mean		39.2	29.2	34.2	35.2	30.0	32.7	30.6	29.3	30.0
Abs.Max.		41.0	31.0	35.8	37.0	31.5	34.3	32.0	30.2	31.1
Abs.Min.		36.2	26.0	31.1	33.0	27.2	30.1	28.5	27.0	27.8

JINDIRESS - DAILY CLIMATIC DATA
AUGUST 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	214	36.0	25.0	30.5	56.5	29.8	541.8	14.1	0.0
2	215	35.0	25.0	30.0	54.5	28.6	515.2	12.1	0.0
3	216	35.0	20.0	27.5	53.3	28.5	332.3	13.6	0.0
4	217	35.0	21.0	28.0	54.1	28.7	267.1	14.9	0.0
5	218	39.0	21.5	30.3	56.5	28.9	284.7	12.9	0.0
6	219	38.0	22.0	30.0	56.0	28.3	235.6	14.4	0.0
7	220	35.0	22.9	29.0	61.0	28.0	376.9	13.8	0.0
8	221	35.0	21.5	28.3	58.0	28.5	315.4	14.0	0.0
9	222	33.0	22.0	27.5	60.0	27.2	412.0	15.3	0.0
10	223	33.0	24.0	28.5	63.1	27.8	496.9	14.3	0.0
11	224	33.0	23.0	28.0	61.5	27.5	579.5	11.4	0.0
12	225	34.5	21.0	27.8	57.5	27.5	355.3	15.3	0.0
13	226	37.0	22.9	30.0	57.0	27.5	281.9	13.8	0.0
14	227	35.0	23.9	29.5	59.5	26.8	m	15.7	0.0
15	228	33.0	24.4	28.7	60.5	26.1	378.6	14.4	0.0
16	229	35.0	23.9	29.5	60.8	25.9	148.1	14.9	0.0
17	230	34.0	23.7	28.9	60.1	26.2	309.2	13.8	0.0
18	231	34.0	24.0	29.0	61.7	26.9	470.9	15.2	0.0
19	232	35.0	20.0	27.5	58.3	26.7	391.6	14.0	0.0
20	233	37.5	19.0	28.3	43.5	27.5	171.8	13.1	0.0
21	234	38.8	21.5	30.2	m	m	m	15.7	0.0
22	235	37.0	23.2	30.1	56.5	27.6	403.1	13.1	0.0
23	236	34.0	23.0	28.5	63.2	26.9	435.1	14.0	0.0
24	237	35.5	21.2	28.4	61.2	27.3	352.0	15.3	0.0
25	238	36.0	22.8	29.4	58.5	27.3	341.8	12.9	0.0
26	239	34.9	22.2	28.6	57.8	26.8	456.2	13.6	0.0
27	240	32.5	23.3	27.9	63.0	25.4	462.2	12.1	0.0
28	241	32.0	18.4	25.2	62.5	25.3	499.6	13.1	0.0
29	242	33.0	15.7	24.4	45.7	27.1	190.7	15.3	0.0
30	243	33.4	16.0	24.7	44.1	28.3	221.4	10.5	0.0
31	244	35.2	17.0	26.1	52.0	25.8	263.5	12.7	0.0
Mean/Total		35.0	21.8	28.4	m	m	m	13.8	0.0
Abs. Max.		39.0	25.0	30.5	m	m	m	15.7	0.0
Abs. Min.		32.0	15.7	24.4	m	m	m	10.5	0.0

JINDIRESS - DAILY SOIL TEMPERATURE
AUGUST 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	214	40.0	31.4	35.7	35.5	30.9	33.2	30.8	29.7	30.3
2	215	39.8	31.0	35.4	35.5	30.9	33.2	30.8	29.9	30.4
3	216	40.0	29.0	34.5	35.9	29.8	32.9	31.0	29.9	30.5
4	217	41.0	29.8	35.4	36.0	30.0	33.0	31.0	29.4	30.2
5	218	41.9	31.0	36.5	37.0	30.0	33.5	31.1	29.8	30.5
6	219	42.5	30.5	36.5	37.4	31.0	34.2	31.7	30.0	30.9
7	220	41.5	31.0	36.3	36.5	31.0	33.8	31.4	30.0	30.7
8	221	42.0	30.9	36.5	37.0	31.0	34.0	31.4	30.0	30.7
9	222	41.0	30.0	35.5	36.0	30.0	33.0	31.0	30.0	30.5
10	223	39.5	31.0	35.3	35.4	30.4	32.9	30.8	29.8	30.3
11	224	39.5	30.5	35.0	35.0	30.0	32.5	30.8	29.8	30.3
12	225	39.9	29.5	34.7	35.5	30.0	32.8	30.8	29.5	30.2
13	226	41.5	31.0	36.3	36.8	31.0	33.9	31.0	29.5	30.3
14	227	40.9	30.2	35.6	36.0	30.0	33.0	31.0	29.9	30.5
15	228	39.2	31.0	35.1	35.0	30.0	32.5	30.5	29.8	30.2
16	229	40.5	30.9	35.7	36.0	30.5	33.3	31.0	29.8	30.4
17	230	40.0	30.5	35.3	35.9	30.5	33.2	31.0	30.0	30.5
18	231	40.0	30.3	35.2	35.9	30.0	33.0	31.0	29.9	30.5
19	232	39.2	29.0	34.1	35.4	30.0	32.7	30.8	29.7	30.3
20	233	41.3	28.0	34.7	37.0	29.2	33.1	31.0	30.5	30.8
21	234	41.9	m	m	m	m	m	m	m	m
22	235	41.0	29.3	35.2	36.0	29.9	33.0	30.9	29.7	30.3
23	236	40.0	30.1	35.1	35.5	30.1	32.8	30.7	29.5	30.1
24	237	40.4	29.2	34.8	36.0	30.0	33.0	30.9	29.7	30.3
25	238	40.7	29.5	35.1	36.0	29.9	33.0	30.9	29.6	30.3
26	239	40.0	29.0	34.5	35.4	29.5	32.5	30.6	29.3	30.0
27	240	38.9	29.3	34.1	34.8	29.4	32.1	30.1	29.0	29.6
28	241	36.0	25.5	30.8	32.0	26.5	29.3	30.1	29.0	29.6
29	242	27.0	23.3	30.2	33.0	25.0	29.0	30.5	29.0	29.7
30	243	36.2	23.4	29.8	32.1	25.0	28.6	30.1	28.8	29.5
31	244	35.9	23.5	29.7	31.8	25.0	28.4	30.0	28.6	29.3
Mean		39.7	m	m	m	m	m	m	m	m
Abs.Max.		42.5	m	m	m	m	m	m	m	m
Abs.Min.		27.0	m	m	m	m	m	m	m	m

TEL HADYA

1987-1988 Season

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

**Total monthly precipitation (mm) , maximum and minimum temperature (°C)
from 1979-80 to 1987-88 season at TEL HADYA**

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Mean/ Total
Precipitation													
1978-79	m	17.1	3.1	60.1	62.2	41.1	26.0	15.4	21.0	0.8	0.0	0.0	247
1979-80	0.0	63.9	57.6	71.3	53.4	41.5	68.1	59.3	10.4	0.4	0.0	0.0	426
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
Mean	0.5	26.2	44.9	55.9	68.1	56.2	47.1	31.7	14.3	4.0	0.0	0.1	349
Maximum Temperature													
1978-79	m	31.4	16.6	13.2	12.4	17.0	18.0	24.0	30.0	33.9	35.9	35.8	24.4
1979-80	35.0	27.0	20.6	12.0	8.5	12.4	16.0	21.1	28.8	35.3	37.5	35.9	24.2
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
Mean	34.5	27.8	18.4	12.9	11.2	13.5	17.0	22.9	29.0	33.8	36.7	36.6	24.5
Minimum Temperature													
1978-79	m	13.5	2.7	5.9	4.0	6.0	7.0	9.0	14.0	18.7	20.7	21.6	11.2
1979-80	18.7	14.0	9.7	4.0	1.8	3.3	6.4	8.8	12.0	16.0	22.7	22.3	11.6
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
Mean	17.3	11.9	6.2	3.0	2.6	2.8	4.6	8.0	12.2	17.1	20.5	20.9	10.6

**FROST EVENTS AT TEL HADYA
FROM 1980-81 TO 1987-88**

	Nov	Dec	Jan	Feb	Mar	Apr	Season
1980-81 Season							
No. Frost Days	2	6	3	7	2	3	23
Abs. Minimum	-4.0	-3.6	-2.4	-3.0	-0.4	-2.5	-4.0
1981-82 Season							
No. Frost Days	4	.	11	17	7	.	39
Abs. Minimum	-4.2		-6.0	-7.8	-4.2		-7.8
1982-83 Season							
No. Frost Days	4	15	18	11	4	.	52
Abs. Minimum	-4.4	-6.4	-9.8	-3.6	-5.6		-9.8
1983-84 Season							
No. Frost Days	.	10	6	10	1	.	27
Abs. Minimum		-3.9	-2.4	-4.1	-0.5		-4.1
1984-85 Season							
No. Frost Days	1	16	3	10	12	.	42
Abs. Minimum	-1.1	-6.0	-0.8	-6.8	-9.5		-9.5
1985-86 Season							
No. Frost Days	.	7	7	1	2	.	17
Abs. Minimum		-6.4	-4.0	0.0	-1.1		-6.4
1986-87 Season							
No. Frost Days	7	17	7	.	8	.	39
Abs. Minimum	-2.3	-5.8	-2.1		-3.4		-5.8
1987-88 Season							
No. Frost Days	.	4	8	7	2	.	21
Abs. Minimum		-7.4	-2.2	-2.4	-2.8		-7.4

SUMMARY OF MONTHLY CLIMATIC DATA
TEL HADYA 1987-88 SEASON

Month	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
September								
Mean/Total	35.3	16.8	26.1	40.1	21.4	272.4	10.5	1.0
Abs. Max.	38.8	22.0	28.8	60.5	24.1	644.9	14.3	1.0
Abs. Min.	30.9	11.4	22.6	20.0	19.2	77.2	7.4	0.0
October								
Mean/Total	26.4	11.4	18.9	48.0	14.6	196.0	6.4	69.2
Abs. Max.	38.2	21.4	27.0	94.5	20.5	440.6	12.8	18.2
Abs. Min.	16.5	3.8	10.3	21.0	3.1	85.2	1.3	0.0
November								
Mean/Total	18.7	5.1	11.9	69.0	11.1	149.9	2.5	44.4
Abs. Max.	22.0	11.0	14.3	96.0	15.2	316.8	4.6	30.9
Abs. Min.	13.4	0.2	8.9	44.5	3.1	38.6	1.4	0.0
December								
Mean/Total	12.0	5.1	8.5	80.7	5.9	190.9	1.4	70.3
Abs. Max.	18.4	10.6	13.4	99.0	14.1	379.5	4.1	14.0
Abs. Min.	0.5	-7.4	-3.5	43.5	2.0	56.3	0.3	0.0
January								
Mean/Total	10.9	2.1	6.5	83.1	6.9	191.4	1.3	81.8
Abs. Max.	16.5	7.2	10.8	100.0	12.7	445.5	2.9	16.4
Abs. Min.	5.2	-2.2	2.5	65.0	2.3	62.7	0.1	0.0
February								
Mean/Total	12.8	3.8	8.4	76.6	10.2	197.1	2.0	95.1
Abs. Max.	17.4	7.8	11.3	91.0	17.2	448.7	4.8	36.8
Abs. Min.	7.5	-2.4	5.5	65.0	3.6	78.8	0.4	0.0
March								
Mean/Total	15.8	5.1	10.5	73.4	15.0	267.3	3.1	90.7
Abs. Max.	22.1	9.1	14.3	91.0	22.6	577.3	6.5	20.1
Abs. Min.	8.0	-2.8	5.7	57.5	3.5	110.9	0.8	0.0
April								
Mean/Total	22.7	8.0	15.3	69.0	20.1	185.3	4.6	22.7
Abs. Max.	29.0	15.0	22.0	89.0	27.5	326.5	10.1	14.7
Abs. Min.	18.0	0.4	10.4	54.0	8.8	49.8	0.2	0.0
May								
Mean/Total	30.2	12.4	21.3	57.8	26.4	278.1	9.4	2.5
Abs. Max.	39.6	19.5	27.6	98.8	29.5	550.0	13.3	2.5
Abs. Min.	17.8	5.8	13.3	32.5	13.2	91.7	2.4	0.0
June								
Mean/Total	33.6	17.3	25.5	47.7	27.2	366.0	12.5	4.0
Abs. Max.	40.2	22.9	29.9	71.0	30.1	551.6	19.1	3.0
Abs. Min.	25.0	12.8	20.9	30.5	12.6	144.7	4.3	0.0
July								
Mean/Total	38.3	21.4	29.9	41.6	28.2	375.2	15.2	0.0
Abs. Max.	42.2	24.1	32.9	55.0	29.4	704.4	20.2	0.0
Abs. Min.	34.6	18.4	27.2	28.0	25.8	184.9	11.3	0.0
August								
Mean/Total	37.3	21.8	30.4	52.5	25.2	426.6	14.1	0.6
Abs. Max.	41.1	24.9	39.4	62.5	26.7	725.3	19.0	0.6
Abs. Min.	34.0	14.2	25.3	32.5	23.8	196.2	11.6	0.0
Season								
Mean/Total	24.5	10.9	17.8	61.6	17.7	258.0	6.9	482.3
Abs. Max.	42.2	24.9	39.4	100.0	30.1	725.3	20.2	36.8
Abs. Min.	0.5	-7.4	-3.5	20.0	2.0	38.6	0.1	0.0

**SUMMARY OF WEEKLY CLIMATIC DATA
TEL HADYA 1987-88 SEASON**

Week		Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
3 Sep-	9 Sep	35.9	18.7	27.3	48.3	21.9	323.4	10.2	1.0
10 Sep-	16 Sep	35.4	17.9	26.6	41.1	22.2	347.1	11.7	0.0
17 Sep-	23 Sep	34.3	14.0	24.1	32.4	21.4	174.2	10.4	0.0
24 Sep-	30 Sep	35.2	15.9	25.6	37.3	19.5	258.0	9.3	0.0
1 Oct-	7 Oct	30.4	12.4	21.5	31.0	18.0	213.0	8.6	0.0
8 Oct-	14 Oct	30.8	10.1	20.5	24.9	17.3	177.8	8.4	0.0
15 Oct-	21 Oct	27.7	14.4	21.1	51.4	13.5	213.6	6.5	26.3
22 Oct-	28 Oct	20.9	11.0	16.0	75.5	10.4	170.4	3.5	36.8
29 Oct-	4 Nov	17.2	6.7	12.0	74.9	10.7	207.5	2.6	37.9
5 Nov-	11 Nov	16.6	5.7	11.2	73.9	11.3	149.3	2.3	11.6
12 Nov-	18 Nov	20.5	5.0	12.8	66.6	12.6	139.5	2.8	0.0
19 Nov-	25 Nov	20.2	5.4	12.8	69.7	10.7	111.0	2.1	1.0
26 Nov-	2 Dec	17.9	2.4	10.1	53.8	10.0	196.7	3.3	0.0
3 Dec-	9 Dec	13.2	5.0	9.1	76.8	6.5	197.8	2.1	20.8
10 Dec-	16 Dec	13.0	8.5	10.8	88.7	4.7	212.3	1.0	21.8
17 Dec-	23 Dec	13.5	8.9	11.2	85.6	4.8	185.4	1.1	19.2
24 Dec-	31 Dec	7.4	-0.6	3.4	81.5	6.0	159.0	0.9	8.5
1 Jan-	7 Jan	8.4	0.7	4.5	88.0	6.0	181.5	0.9	17.5
8 Jan-	14 Jan	11.9	1.6	6.8	83.1	7.4	170.2	1.2	14.0
15 Jan-	21 Jan	10.3	1.4	5.9	76.6	7.2	216.4	1.5	6.4
22 Jan-	28 Jan	11.6	4.2	7.9	85.6	6.5	205.6	1.5	35.6
29 Jan-	4 Feb	14.0	4.5	9.3	79.7	9.4	183.6	1.8	17.1
5 Feb-	11 Feb	14.1	1.1	7.6	68.5	12.7	173.4	2.3	1.3
12 Feb-	18 Feb	11.9	5.3	8.6	82.6	7.7	198.3	1.7	55.6
19 Feb-	25 Feb	12.2	3.6	7.9	77.3	10.2	183.1	1.5	8.6
26 Feb-	4 Mar	13.4	5.5	9.5	72.9	12.2	343.1	3.4	35.5
5 Mar-	11 Mar	12.0	3.6	7.9	78.9	9.6	277.1	1.6	45.3
12 Mar-	18 Mar	17.1	5.0	11.1	71.9	16.4	185.9	3.2	8.7
19 Mar-	25 Mar	16.8	5.7	11.3	73.6	17.0	229.8	2.9	20.4
26 Mar-	1 Apr	18.7	5.0	11.9	70.5	18.7	265.1	4.0	1.6
2 Apr-	8 Apr	21.6	4.6	13.1	63.0	17.6	107.1	3.3	0.0
9 Apr-	15 Apr	22.7	10.2	16.5	74.9	18.1	207.0	4.5	1.8
16 Apr-	22 Apr	20.4	8.3	14.3	73.1	20.3	201.7	3.4	20.9
23 Apr-	29 Apr	26.1	9.2	17.7	64.4	24.4	218.0	7.1	0.0
30 Apr-	6 May	25.0	8.7	16.9	70.0	23.3	195.7	6.4	2.5
7 May-	13 May	29.4	9.5	19.4	59.2	26.9	219.9	9.2	0.0
14 May-	20 May	35.6	14.7	25.2	51.1	26.9	247.9	11.1	0.0
21 May-	27 May	29.6	15.8	22.7	55.8	26.0	447.9	10.3	0.0
28 May-	3 Jun	31.1	14.5	22.8	52.6	28.2	271.3	10.5	0.0
4 Jun-	10 Jun	34.5	15.9	25.2	46.4	29.1	323.7	12.8	0.0
11 Jun-	17 Jun	33.7	18.3	26.0	51.4	24.2	377.5	10.9	4.0
18 Jun-	24 Jun	32.1	17.0	24.5	52.9	26.5	412.4	11.9	0.0
25 Jun-	1 Jul	35.5	19.4	27.6	39.0	28.2	383.7	15.3	0.0
2 Jul-	8 Jul	39.4	21.4	30.5	36.9	28.5	275.7	15.7	0.0
9 Jul-	15 Jul	38.7	20.3	29.5	39.1	28.7	318.4	14.8	0.0
16 Jul-	22 Jul	37.6	22.7	30.2	44.9	28.3	559.7	15.5	0.0
23 Jul-	29 Jul	38.7	22.0	30.4	41.1	27.8	355.6	15.6	0.0
30 Jul-	5 Aug	37.0	22.4	29.7	53.6	26.2	446.9	14.2	0.6
6 Aug-	12 Aug	37.9	22.7	31.9	54.8	25.9	478.3	14.3	0.0
13 Aug-	19 Aug	37.6	23.1	30.4	53.8	24.4	444.1	14.2	0.0
20 Aug-	26 Aug	38.7	20.4	31.0	49.4	25.0	372.2	14.5	0.0
27 Aug-	2 Sep	34.7	18.1	27.0	48.4	24.3	329.7	12.8	0.0

TEL HADYA - DAILY CLIMATIC DATA
SEPTEMBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	245	37.0	20.5	28.8	44.5	23.7	271.8	11.5	0.0
2	246	37.0	17.2	27.1	44.0	24.1	181.7	11.5	0.0
3	247	38.0	16.0	27.0	35.0	23.8	204.0	11.5	0.0
4	248	36.8	17.6	27.2	38.0	19.9	395.6	9.2	1.0
5	249	32.4	22.0	27.2	60.5	19.6	551.6	10.8	0.0
6	250	34.0	20.8	27.4	55.5	22.2	275.0	9.8	0.0
7	251	36.0	15.8	25.9	56.8	23.1	99.7	8.4	0.0
8	252	38.8	18.0	28.4	37.5	22.3	244.5	10.2	0.0
9	253	35.6	21.0	28.3	55.0	22.2	493.7	11.6	0.0
10	254	33.6	21.2	27.4	55.5	22.7	644.9	12.3	0.0
11	255	35.0	21.4	28.2	46.0	22.4	513.0	12.0	0.0
12	256	33.6	21.2	27.4	48.0	22.3	556.4	12.0	0.0
13	257	33.0	21.1	27.1	40.0	23.1	324.8	14.3	0.0
14	258	35.8	13.5	24.7	36.8	22.3	117.4	10.3	0.0
15	259	37.8	12.5	25.2	36.0	21.5	77.2	8.9	0.0
16	260	38.7	14.2	26.5	25.5	21.2	196.2	12.1	0.0
17	261	37.0	16.7	26.9	37.5	21.3	205.0	11.9	0.0
18	262	34.0	16.6	25.3	34.5	21.6	191.4	11.6	0.0
19	263	33.7	11.4	22.6	20.0	22.3	136.7	9.9	0.0
20	264	34.6	12.0	23.3	23.0	21.9	162.4	9.8	0.0
21	265	34.8	12.4	23.6	35.5	21.6	279.9	10.7	0.0
22	266	34.8	14.2	24.5	39.5	20.7	143.0	11.1	0.0
23	267	30.9	14.6	22.8	37.0	20.5	101.3	8.1	0.0
24	268	33.6	12.7	23.2	24.5	19.8	110.9	8.0	0.0
25	269	36.6	15.0	25.8	25.8	19.5	281.4	10.0	0.0
26	270	34.4	21.3	27.9	45.5	19.6	640.1	12.2	0.0
27	271	34.8	21.3	28.1	43.5	19.2	411.7	11.5	0.0
28	272	34.8	14.8	24.8	47.5	19.8	183.3	8.6	0.0
29	273	35.3	13.0	24.2	44.0	19.6	83.6	7.4	0.0
30	274	37.0	13.3	25.2	30.5	19.3	94.8	7.7	0.0
Mean/Total		35.3	16.8	26.1	40.1	21.4	272.4	10.5	1.0
Abs. Max.		38.8	22.0	28.8	60.5	24.1	644.9	14.3	1.0
Abs. Min.		30.9	11.4	22.6	20.0	19.2	77.2	7.4	0.0

**TEL HADYA - DAILY SOIL TEMPERATURE
SEPTEMBER 1987**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	245	42.8	28.0	35.4	37.0	30.0	33.5	33.0	31.1	32.1
2	246	42.5	27.0	34.8	37.1	29.9	33.5	32.9	31.0	32.0
3	247	42.6	25.8	34.2	36.8	28.5	32.7	32.8	30.5	31.7
4	248	41.0	26.9	34.0	36.0	27.3	31.7	32.2	30.9	31.6
5	249	38.4	28.0	33.2	34.5	29.2	31.9	31.4	30.2	30.8
6	250	41.0	27.0	34.0	36.0	29.0	32.5	32.0	29.8	30.9
7	251	41.5	25.0	33.3	36.0	28.0	32.0	32.2	30.0	31.1
8	252	42.0	26.0	34.0	36.3	28.5	32.4	32.1	30.0	31.5
9	253	41.9	27.9	34.9	36.3	30.3	33.3	32.0	30.0	31.0
10	254	40.2	28.0	34.1	35.6	29.6	32.6	31.6	30.0	30.8
11	255	39.9	28.0	34.0	35.5	29.4	32.5	31.4	29.5	30.5
12	256	38.7	27.2	33.0	34.5	29.0	31.8	31.0	29.3	30.2
13	257	37.1	27.3	32.2	33.7	29.0	31.4	30.5	29.0	29.8
14	258	39.9	22.2	31.1	34.7	25.9	30.3	31.4	28.0	29.7
15	259	40.0	24.9	32.5	34.9	27.0	31.0	31.2	29.2	30.2
16	260	40.0	23.5	31.8	34.5	26.9	30.7	31.4	29.0	30.2
17	261	40.9	24.8	32.9	35.1	27.1	31.1	31.3	29.1	30.2
18	262	39.5	24.2	31.9	34.1	27.1	30.6	31.0	29.0	30.0
19	263	38.6	22.0	30.3	33.4	25.7	29.6	30.1	28.9	29.5
20	264	38.9	21.3	30.1	33.5	25.1	29.3	30.0	28.0	29.0
21	265	37.9	22.0	30.0	32.9	25.8	29.4	29.0	28.0	28.5
22	266	38.1	22.8	30.5	33.3	25.3	29.3	29.0	27.1	28.1
23	267	36.1	22.1	29.1	31.3	25.0	28.2	28.7	27.0	27.9
24	268	36.2	20.8	28.5	31.1	24.0	27.6	28.1	26.6	27.4
25	269	37.0	21.0	29.0	31.9	24.1	28.0	29.0	26.8	27.9
26	270	35.8	24.6	30.2	31.5	26.0	28.8	28.3	26.5	27.4
27	271	36.0	24.8	30.4	32.1	26.3	29.2	28.4	26.5	27.5
28	272	37.9	23.0	30.5	33.4	25.6	29.5	29.9	26.8	28.4
29	273	37.0	22.6	29.8	32.5	26.0	29.3	29.3	27.9	28.6
30	274	36.8	21.3	29.1	31.9	24.9	28.4	29.0	27.1	28.1
Mean		39.2	24.7	32.0	34.2	27.2	30.7	30.7	28.8	29.8
Abs.Max.		42.8	28.0	35.4	37.1	30.3	33.5	33.0	31.1	32.1
Abs.Min.		35.8	20.8	28.5	31.1	24.0	27.6	28.1	26.5	27.4

TEL HADYA - DAILY CLIMATIC DATA
OCTOBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	275	38.2	15.2	26.7	28.0	18.3	135.1	8.9	0.0
2	276	37.8	15.8	26.8	25.0	18.9	426.2	12.8	0.0
3	277	32.5	21.4	27.0	54.3	20.5	410.1	11.0	0.0
4	278	24.1	12.7	18.4	33.5	11.0	215.5	7.6	0.0
5	279	25.5	7.8	16.7	25.0	18.7	104.5	7.3	0.0
6	280	27.2	5.8	16.5	26.0	19.0	90.0	6.2	0.0
7	281	27.7	8.4	18.1	25.5	19.3	109.4	6.5	0.0
8	282	29.1	7.0	18.1	30.0	18.5	188.2	7.8	0.0
9	283	29.8	6.1	18.0	30.0	19.0	85.2	7.2	0.0
10	284	30.7	7.8	19.3	25.5	18.0	133.4	7.6	0.0
11	285	30.8	9.3	20.1	21.5	18.1	152.7	7.9	0.0
12	286	31.3	12.1	21.7	21.0	17.0	234.8	9.8	0.0
13	287	31.7	13.8	22.8	25.0	16.9	229.9	9.8	0.0
14	288	31.9	14.6	23.3	21.0	13.8	220.3	8.3	0.0
15	289	32.0	16.3	24.2	37.0	13.6	220.3	7.7	0.0
16	290	32.0	16.6	24.3	38.5	15.2	268.5	10.0	0.0
17	291	30.0	17.0	23.5	22.5	13.5	440.6	11.4	13.7
18	292	22.0	15.5	18.8	57.5	8.8	156.0	2.2	0.3
19	293	24.8	14.5	19.6	69.0	13.5	114.1	3.1	0.6
20	294	26.3	11.3	18.8	68.5	15.1	86.8	3.5	0.0
21	295	26.7	9.6	18.2	66.5	15.2	209.0	7.7	11.7
22	296	20.2	13.8	17.0	77.5	8.9	213.9	2.5	0.0
23	297	20.6	14.1	17.4	78.0	9.3	128.6	1.3	0.0
24	298	20.8	13.6	17.2	81.0	8.5	152.7	2.1	2.7
25	299	23.0	12.5	17.8	69.0	13.2	106.1	3.2	0.0
26	300	22.2	6.0	14.1	60.0	16.5	157.6	4.8	0.0
27	301	22.8	5.0	13.9	68.5	13.0	270.2	5.4	18.2
28	302	16.8	12.2	14.5	94.5	3.1	164.0	4.9	15.9
29	303	17.8	6.3	12.1	64.0	12.4	146.4	2.8	0.0
30	304	16.5	6.8	11.7	72.5	13.0	123.8	2.6	2.4
31	305	16.8	3.8	10.3	73.5	11.6	382.7	3.0	3.7
Mean/Total		26.4	11.4	18.9	48.0	14.6	196.0	6.4	69.2
Abs. Max.		38.2	21.4	27.0	94.5	20.5	440.6	12.8	18.2
Abs. Min.		16.5	3.8	10.3	21.0	3.1	85.2	1.3	0.0

**TEL HADYA - DAILY SOIL TEMPERATURE
OCTOBER 1987**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	275	37.0	22.0	29.5	32.2	24.9	28.6	29.1	27.0	28.1
2	276	37.5	23.2	30.4	32.4	25.4	28.9	29.2	27.2	28.2
3	277	35.8	26.5	31.2	31.8	27.0	29.4	28.9	27.3	28.1
4	278	28.6	21.9	25.3	26.7	25.0	25.9	26.4	25.0	25.7
5	279	33.0	17.0	25.0	28.7	21.0	24.9	25.8	24.9	25.4
6	280	33.0	17.4	25.2	28.4	21.1	24.8	25.1	23.6	24.4
7	281	33.3	17.5	25.4	28.3	21.0	24.7	25.0	23.0	24.0
8	282	33.7	17.3	25.5	28.5	21.2	24.9	24.9	23.0	24.0
9	283	34.0	18.3	26.2	28.9	21.2	25.1	25.0	23.0	24.0
10	284	33.6	18.7	26.2	28.2	21.6	24.9	24.7	23.0	23.9
11	285	33.9	19.3	26.6	28.4	22.0	25.2	24.9	23.1	24.0
12	286	34.9	20.1	27.5	29.7	22.0	25.9	26.3	23.1	24.7
13	287	34.5	21.8	28.2	29.7	23.9	26.8	26.0	24.9	25.5
14	288	33.9	21.8	27.9	28.9	23.2	26.1	25.9	24.3	25.1
15	289	34.0	23.2	28.6	29.5	24.3	26.9	26.0	24.4	25.2
16	290	33.0	22.0	27.5	28.7	23.5	26.1	26.8	24.9	25.9
17	291	32.0	22.0	27.0	27.9	23.0	25.5	26.3	25.3	25.8
18	292	25.9	20.2	23.1	24.0	22.0	23.0	24.0	23.0	23.5
19	293	26.3	17.0	21.7	25.9	19.9	22.9	23.9	22.1	23.0
20	294	26.6	15.4	21.0	25.0	19.4	22.2	23.1	21.5	22.3
21	295	27.0	15.2	21.1	25.0	19.2	22.1	23.0	21.1	22.1
22	296	22.2	16.2	19.2	22.0	19.0	20.5	21.5	20.0	20.8
23	297	20.9	16.2	18.6	20.8	18.0	19.4	21.0	20.0	20.5
24	298	21.2	16.0	18.6	20.9	17.9	19.4	20.7	20.0	20.4
25	299	23.5	15.1	19.3	22.1	17.0	19.6	21.0	19.5	20.3
26	300	24.0	12.0	18.0	23.1	15.5	19.3	22.2	19.0	20.6
27	301	22.2	12.7	17.5	21.2	16.0	18.6	20.9	19.7	20.3
28	302	16.6	15.7	16.2	17.3	16.0	16.7	17.8	16.5	17.2
29	303	20.5	11.0	15.8	19.9	14.1	17.0	18.3	16.1	17.2
30	304	18.0	12.1	15.1	18.1	15.2	16.7	17.9	16.9	17.4
31	305	18.1	10.5	14.3	17.7	13.8	15.8	17.0	15.7	16.4
Mean		28.7	17.9	23.3	25.8	20.5	23.2	23.8	22.2	23.0
Abs.Max.		37.5	26.5	31.2	32.4	27.0	29.4	29.2	27.3	28.2
Abs.Min.		16.6	10.5	14.3	17.3	13.8	15.8	17.0	15.7	16.4

TEL HADYA - DAILY CLIMATIC DATA
NOVEMBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	306	13.4	9.7	11.6	96.0	3.3	160.8	2.2	30.9
2	307	19.0	9.5	14.3	88.5	7.2	316.8	3.0	0.9
3	308	18.3	5.8	12.1	61.5	14.2	144.8	2.8	0.0
4	309	18.7	5.1	11.9	68.0	13.3	176.9	2.1	0.0
5	310	15.6	8.4	12.0	74.0	8.4	139.9	1.9	4.7
6	311	15.6	11.0	13.3	92.5	3.1	310.4	2.2	6.9
7	312	15.6	6.7	11.2	63.5	15.2	242.9	4.0	0.0
8	313	16.6	1.1	8.9	69.5	13.9	115.8	2.0	0.0
9	314	17.6	7.2	12.4	67.5	13.1	62.7	2.0	0.0
10	315	18.0	2.7	10.4	74.0	14.0	41.8	1.9	0.0
11	316	17.0	2.8	9.9	76.0	11.4	131.9	2.0	0.0
12	317	17.9	5.1	11.5	72.5	13.1	197.8	3.2	0.0
13	318	18.8	5.3	12.1	66.5	12.2	222.0	3.5	0.0
14	319	21.4	4.8	13.1	67.0	12.6	38.6	2.0	0.0
15	320	21.8	4.1	13.0	66.5	12.8	93.3	2.5	0.0
16	321	21.4	3.6	12.5	67.5	13.1	120.6	2.5	0.0
17	322	21.6	4.5	13.1	65.0	12.0	193.0	3.2	0.0
18	323	20.8	7.7	14.3	61.5	12.2	111.0	2.5	0.0
19	324	20.8	6.0	13.4	67.0	11.4	137.7	2.4	0.0
20	325	18.4	6.0	12.2	74.0	7.6	98.5	1.4	0.1
21	326	18.0	4.5	11.3	79.0	8.1	105.2	1.4	0.9
22	327	20.2	7.8	14.0	71.0	12.4	101.3	2.4	0.0
23	328	20.3	7.2	13.8	66.0	10.7	171.3	2.7	0.0
24	329	21.6	3.8	12.7	66.0	12.1	79.8	2.2	0.0
25	330	22.0	2.4	12.2	65.0	12.3	83.3	2.2	0.0
26	331	18.5	1.8	10.2	64.0	8.6	65.9	1.7	0.0
27	332	19.0	0.2	9.6	65.5	11.9	112.6	2.3	0.0
28	333	17.3	2.1	9.7	59.0	8.5	185.0	2.6	0.0
29	334	18.8	3.1	11.0	52.0	11.8	271.8	4.6	0.0
30	335	17.9	3.0	10.5	44.5	12.2	263.8	4.6	0.0
Mean/Total		18.7	5.1	11.9	69.0	11.1	149.9	2.5	44.4
Abs. Max.		22.0	11.0	14.3	96.0	15.2	316.8	4.6	30.9
Abs. Min.		13.4	0.2	8.9	44.5	3.1	38.6	1.4	0.0

**TEL HADYA - DAILY SOIL TEMPERATURE
NOVEMBER 1987**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	306	15.1	13.1	14.1	16.8	15.0	15.9	15.8	14.8	15.3
2	307	16.0	13.4	14.7	16.2	14.3	15.3	15.8	14.8	15.3
3	308	18.0	9.5	13.8	17.1	12.3	14.7	16.1	14.4	15.3
4	309	18.2	9.9	14.1	17.0	12.5	14.8	16.0	14.6	15.3
5	310	16.9	11.3	14.1	16.2	13.6	14.9	16.0	15.0	15.5
6	311	14.5	13.0	13.8	14.5	14.0	14.3	14.9	14.0	14.5
7	312	15.9	9.0	12.5	15.9	11.8	13.9	15.9	14.0	15.0
8	313	16.9	7.5	12.2	15.9	10.3	13.1	15.0	13.1	14.1
9	314	18.5	10.1	14.3	16.7	12.1	14.4	15.0	14.0	14.5
10	315	18.5	9.4	14.0	16.2	11.1	13.7	14.5	13.0	13.8
11	316	17.5	9.9	13.7	15.7	11.5	13.6	14.0	12.8	13.4
12	317	17.9	10.6	14.3	15.9	12.0	14.0	14.5	13.0	13.8
13	318	17.0	10.0	13.5	15.0	12.0	13.5	14.0	13.1	13.6
14	319	18.2	10.7	14.5	16.0	12.1	14.1	14.3	13.2	13.8
15	320	19.0	10.2	14.6	16.7	12.0	14.4	14.9	13.0	14.0
16	321	19.3	11.0	15.2	16.9	11.9	14.4	14.7	13.0	13.9
17	322	18.5	10.0	14.5	16.1	12.0	14.1	14.2	13.0	13.6
18	323	19.0	11.3	15.2	16.3	12.5	14.4	14.5	13.3	13.9
19	324	18.8	10.3	14.6	16.1	11.9	14.0	14.1	12.8	13.5
20	325	17.1	11.7	14.4	15.1	12.3	13.7	13.8	12.1	13.0
21	326	16.9	11.1	14.0	15.0	12.0	13.5	13.3	12.6	13.0
22	327	19.9	12.2	16.1	17.0	12.8	14.9	15.3	13.1	14.2
23	328	18.9	11.7	15.3	16.1	12.2	14.2	15.2	13.8	14.5
24	329	18.9	10.4	14.7	16.1	12.0	14.1	15.0	13.8	14.4
25	330	18.5	10.0	14.3	15.9	11.3	13.6	14.9	13.1	14.0
26	331	16.2	9.8	13.0	14.6	11.0	12.8	14.0	13.0	13.5
27	332	17.0	8.4	12.7	14.6	10.0	12.3	13.7	12.1	12.9
28	333	15.5	9.0	12.3	13.9	10.1	12.0	13.4	12.7	13.1
29	334	16.4	9.0	12.7	14.0	10.4	12.2	13.5	12.1	12.8
30	335	14.7	8.0	11.4	13.9	10.0	12.0	13.0	12.0	12.5
Mean		17.5	10.4	14.0	15.8	12.0	13.9	14.6	13.3	14.0
Abs.Max.		19.9	13.4	16.1	17.1	15.0	15.9	16.1	15.0	15.5
Abs.Min.		14.5	7.5	11.4	13.9	10.0	12.0	13.0	12.0	12.5

TEL HADYA - DAILY CLIMATIC DATA
DECEMBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	336	16.7	2.3	9.5	43.5	8.2	215.5	3.7	0.0
2	337	16.8	4.0	10.4	48.0	8.9	262.2	3.8	0.0
3	338	18.4	5.9	12.2	53.5	9.8	292.7	4.1	0.0
4	339	11.6	9.2	10.4	75.5	2.7	199.4	2.3	8.0
5	340	12.8	3.3	8.1	83.5	6.1	78.8	3.0	9.1
6	341	13.0	2.2	7.6	69.5	11.0	205.8	2.6	0.0
7	342	15.6	0.4	8.0	76.5	8.2	318.4	1.8	3.7
8	343	9.5	6.9	8.2	90.5	2.7	205.8	0.5	0.0
9	344	11.4	7.2	9.3	88.5	4.8	83.6	0.7	0.0
10	345	11.0	8.2	9.6	93.5	2.0	233.2	0.5	0.1
11	346	12.8	8.3	10.6	91.0	3.3	94.8	0.8	6.5
12	347	12.7	8.4	10.6	97.0	2.6	135.1	1.6	14.0
13	348	16.5	10.3	13.4	77.0	7.8	175.3	0.8	0.0
14	349	12.2	7.4	9.8	90.0	5.6	194.6	1.2	1.2
15	350	11.8	8.1	10.0	89.5	3.6	273.4	0.4	0.0
16	351	14.2	8.7	11.5	83.0	7.6	379.5	1.7	0.0
17	352	13.4	9.5	11.5	79.0	5.7	276.6	1.3	0.0
18	353	12.5	8.3	10.4	88.5	2.1	157.6	0.5	0.0
19	354	14.6	10.6	12.6	83.5	4.8	91.6	0.4	0.0
20	355	16.2	9.0	12.6	86.5	7.7	191.3	2.3	7.3
21	356	14.4	9.7	12.1	89.0	6.4	300.7	1.7	0.1
22	357	13.8	7.6	10.7	82.0	4.4	215.5	1.1	6.4
23	358	9.6	7.4	8.5	90.5	2.3	64.3	0.6	5.4
24	359	13.8	5.8	9.8	75.0	5.0	360.3	1.9	3.2
25	360	7.6	1.1	4.4	71.5	5.4	152.7	1.1	0.0
26	361	5.8	-2.0	1.9	67.5	5.1	205.8	1.3	0.2
27	362	4.0	0.2	2.1	78.5	4.2	82.0	0.3	0.0
28	363	0.5	-7.4	-3.5	99.0	5.7	56.3	0.3	0.0
29	364	5.7	-3.2	1.3	90.5	3.3	153.0	0.3	2.3
30	365	12.0	2.1	7.1	86.0	8.8	109.3	0.8	0.0
31	366	10.0	-1.7	4.2	84.0	10.6	152.7	1.0	2.8
Mean/Total		12.0	5.1	8.5	80.7	5.9	190.9	1.4	70.3
Abs. Max.		18.4	10.6	13.4	99.0	14.1	379.5	4.1	14.0
Abs. Min.		0.5	-7.4	-3.5	43.5	2.0	56.3	0.3	0.0

**TEL HADYA - DAILY SOIL TEMPERATURE
DECEMBER 1987**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	336	13.0	7.2	10.1	12.6	9.9	11.3	12.0	11.7	11.9
2	337	13.2	8.0	10.6	12.6	10.0	11.3	12.0	11.2	11.6
3	338	15.0	8.4	11.7	12.6	10.3	11.5	12.0	12.0	12.0
4	339	10.8	10.0	10.4	11.1	10.2	10.7	10.5	9.5	10.0
5	340	11.2	9.0	10.1	11.0	9.8	10.4	10.1	9.5	9.8
6	341	12.0	7.2	9.6	11.0	8.9	10.0	10.0	9.3	9.7
7	342	11.5	5.7	8.6	12.0	8.0	10.0	11.0	9.1	10.1
8	343	11.0	10.3	10.7	11.0	10.5	10.8	10.7	10.3	10.5
9	344	13.0	10.0	11.5	12.4	10.9	11.7	11.0	10.3	10.7
10	345	12.1	11.2	11.7	12.0	11.8	11.9	11.0	11.0	11.0
11	346	13.0	11.0	12.0	12.5	11.3	11.9	11.2	10.9	11.1
12	347	12.4	11.1	11.8	12.0	11.1	11.6	11.0	10.9	11.0
13	348	15.0	12.0	13.5	13.5	12.0	12.8	11.7	10.9	11.3
14	349	13.5	11.0	12.3	13.0	11.3	12.2	12.1	11.0	11.6
15	350	13.0	11.5	12.3	13.7	12.0	12.9	11.5	11.2	11.4
16	351	13.7	11.0	12.4	13.0	11.4	12.2	12.0	11.2	11.6
17	352	13.9	11.3	12.6	13.0	12.0	12.5	12.0	11.7	11.9
18	353	12.7	11.2	12.0	12.5	11.9	12.2	11.6	10.0	10.8
19	354	15.0	12.0	13.5	13.8	12.0	12.9	12.0	11.5	11.8
20	355	16.0	12.0	14.0	14.2	12.2	13.2	12.4	12.0	12.2
21	356	15.0	12.2	13.6	14.7	12.4	13.6	13.5	12.0	12.8
22	357	13.5	11.1	12.3	13.2	12.5	12.9	12.5	12.0	12.3
23	358	12.0	11.0	11.5	11.0	10.8	10.9	11.3	10.8	11.1
24	359	11.9	10.0	11.0	11.3	10.8	11.1	11.5	10.8	11.2
25	360	9.0	6.7	7.9	9.0	8.1	8.6	10.0	9.0	9.5
26	361	8.9	6.0	7.5	8.4	7.4	7.9	9.3	9.0	9.2
27	362	7.5	6.0	6.8	8.0	7.2	7.6	9.0	9.0	9.0
28	363	5.2	4.0	4.6	6.0	5.0	5.5	7.0	6.1	6.6
29	364	6.5	4.0	5.3	6.3	5.5	5.9	6.7	6.5	6.6
30	365	10.5	5.9	8.2	9.0	6.0	7.5	9.3	6.7	8.0
31	366	9.8	4.0	6.9	8.0	5.5	6.8	9.0	8.1	8.6
Mean		12.0	9.1	10.5	11.4	10.0	10.7	10.9	10.2	10.5
Abs.Max.		16.0	12.2	14.0	14.7	12.5	13.6	13.5	12.0	12.8
Abs.Min.		5.2	4.0	4.6	6.0	5.0	5.5	6.7	6.1	6.6

TEL HADYA - DAILY CLIMATIC DATA
JANUARY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	1	5.8	2.2	4.0	97.5	2.6	114.1	0.1	0.0
2	2	6.0	-1.0	2.5	95.5	5.3	159.2	0.3	0.0
3	3	8.4	-2.0	3.2	84.0	9.7	144.8	0.3	0.0
4	4	5.2	-0.3	2.5	86.5	2.7	445.5	1.7	16.4
5	5	6.7	1.6	4.2	98.5	2.3	196.2	2.0	1.1
6	6	11.4	5.4	8.4	82.5	7.6	114.2	0.9	0.0
7	7	15.0	-1.2	6.9	71.5	11.8	96.5	1.2	0.0
8	8	15.8	-2.2	6.8	77.0	11.4	62.7	1.0	0.0
9	9	14.2	-1.0	6.6	80.5	10.0	70.7	0.9	0.0
10	10	13.8	1.3	7.6	74.0	11.3	252.5	1.7	0.0
11	11	8.2	1.5	4.9	100.0	4.0	316.8	1.3	9.6
12	12	9.0	5.5	7.3	94.5	3.7	101.3	0.6	0.6
13	13	14.4	1.0	7.7	76.0	8.6	225.0	1.3	3.6
14	14	8.1	4.8	6.5	79.5	3.1	162.4	1.4	0.2
15	15	6.0	4.4	5.2	77.5	3.3	196.2	1.2	1.2
16	16	8.5	1.6	5.1	77.5	8.0	135.1	1.2	0.5
17	17	9.8	1.4	5.6	74.0	6.5	254.1	1.5	0.0
18	18	13.5	-0.8	6.4	65.0	12.7	344.1	2.9	0.0
19	19	16.0	-1.2	7.4	71.0	11.2	199.4	1.9	0.0
20	20	9.8	0.1	5.0	84.0	4.7	236.4	1.5	4.5
21	21	8.8	4.5	6.7	87.0	4.3	149.6	0.4	0.2
22	22	8.1	1.5	4.8	87.0	4.5	262.1	1.1	2.3
23	23	6.8	4.3	5.6	97.0	2.3	300.8	1.0	10.2
24	24	8.4	4.0	6.2	96.0	2.6	164.1	1.1	14.7
25	25	11.8	6.4	9.1	87.5	7.3	107.8	1.2	1.7
26	26	15.5	1.8	8.7	74.0	12.7	218.7	2.3	0.0
27	27	16.5	4.1	10.3	77.5	7.7	302.4	2.3	6.7
28	28	14.4	7.2	10.8	80.5	8.4	83.6	1.3	0.0
29	29	15.4	0.3	7.9	77.5	11.0	82.0	1.4	0.5
30	30	13.2	4.1	8.7	85.5	6.5	217.1	1.4	0.6
31	31	14.2	5.9	10.1	81.0	7.9	218.7	1.7	7.2
Mean/Total		10.9	2.1	6.5	83.1	6.9	191.4	1.3	81.8
Abs. Max.		16.5	7.2	10.8	100.0	12.7	445.5	2.9	16.4
Abs. Min.		5.2	-2.2	2.5	65.0	2.3	62.7	0.1	0.0

**TEL HADYA - DAILY SOIL TEMPERATURE
JANUARY 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	1	7.5	6.3	6.9	7.0	6.5	6.8	8.7	8.0	8.4
2	2	7.2	4.8	6.0	6.9	5.6	6.3	8.0	7.5	7.8
3	3	7.9	3.2	5.6	6.9	4.7	5.8	8.0	7.2	7.6
4	4	6.0	3.5	4.8	6.2	4.7	5.5	8.0	7.2	7.6
5	5	6.0	4.1	5.1	6.0	5.0	5.5	7.5	7.0	7.3
6	6	10.0	5.9	8.0	9.0	6.0	7.5	9.0	7.5	8.3
7	7	11.0	4.0	7.5	9.7	5.7	7.7	9.9	8.2	9.1
8	8	11.0	4.0	7.5	9.4	5.7	7.6	9.9	8.3	9.1
9	9	10.5	4.2	7.4	9.0	6.0	7.5	9.0	8.5	8.8
10	10	10.0	5.2	7.6	8.5	6.8	7.7	9.3	8.9	9.1
11	11	8.0	4.0	6.0	7.9	5.8	6.9	9.2	8.7	9.0
12	12	9.0	7.2	8.1	8.7	7.8	8.3	9.8	9.0	9.4
13	13	10.9	6.0	8.5	9.5	6.8	8.2	10.1	9.0	9.6
14	14	8.8	7.7	8.3	8.7	8.3	8.5	9.0	9.0	9.0
15	15	8.0	6.9	7.5	8.0	7.9	8.0	9.9	9.8	9.9
16	16	10.0	5.5	7.8	9.0	7.0	8.0	10.0	9.3	9.7
17	17	8.0	5.3	6.7	8.0	7.0	7.5	9.7	9.3	9.5
18	18	10.1	4.2	7.2	9.4	6.0	7.7	10.3	9.3	9.8
19	19	10.0	4.2	7.1	9.0	6.0	7.5	9.8	9.0	9.4
20	20	8.0	5.0	6.5	8.0	6.1	7.1	9.0	8.7	8.9
21	21	9.3	6.9	8.1	8.8	7.0	7.9	9.5	9.0	9.3
22	22	9.0	6.0	7.5	8.0	6.9	7.5	9.2	9.0	9.1
23	23	7.8	6.2	7.0	7.7	7.0	7.4	9.0	9.0	9.0
24	24	8.0	6.2	7.1	8.1	7.0	7.6	9.0	9.0	9.0
25	25	11.9	7.2	9.6	10.3	8.1	9.2	10.5	9.0	9.8
26	26	13.7	7.1	10.4	11.5	8.2	9.9	11.3	10.0	10.7
27	27	12.0	7.1	9.6	10.5	8.0	9.3	11.0	9.9	10.5
28	28	12.9	9.0	11.0	11.2	9.0	10.1	11.2	10.2	10.7
29	29	13.5	6.0	9.8	11.9	7.8	9.9	11.7	10.0	10.9
30	30	12.0	8.0	10.0	11.0	9.0	10.0	11.0	10.0	10.5
31	31	13.0	8.4	10.7	11.2	9.0	10.1	11.5	10.8	11.2
Mean		9.7	5.8	7.8	8.9	6.9	7.9	9.6	8.9	9.3
Abs.Max.		13.7	9.0	11.0	11.9	9.0	10.1	11.7	10.8	11.2
Abs.Min.		6.0	3.2	4.8	6.0	4.7	5.5	7.5	7.0	7.3

TEL HADYA - DAILY CLIMATIC DATA
FEBRUARY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	32	12.1	7.4	9.8	89.0	5.5	226.8	1.4	5.4
2	33	13.2	6.5	9.9	84.5	7.6	83.6	1.4	1.7
3	34	14.9	-0.2	7.4	72.0	13.5	312.0	3.0	1.7
4	35	15.2	7.4	11.3	68.5	13.8	144.8	2.5	0.0
5	36	12.6	-0.3	6.2	65.0	14.8	114.1	2.2	0.0
6	37	11.6	0.0	5.8	68.5	10.5	448.7	3.1	0.0
7	38	10.4	5.5	8.0	66.0	8.0	210.6	2.2	0.0
8	39	15.0	0.5	7.8	65.0	15.1	78.8	2.2	0.0
9	40	17.4	-2.4	7.5	68.0	15.5	154.4	2.6	0.0
10	41	15.2	0.2	7.7	73.5	11.2	90.0	1.6	1.3
11	42	16.5	4.0	10.3	73.5	13.6	117.4	2.0	0.0
12	43	15.0	3.2	9.1	76.0	10.5	262.1	2.3	2.4
13	44	10.6	7.5	9.1	87.0	3.6	202.6	1.1	1.0
14	45	11.6	7.8	9.7	86.0	5.2	257.3	1.1	0.9
15	46	10.7	6.7	8.7	91.0	5.3	352.2	2.7	36.8
16	47	7.5	6.7	7.1	91.0	3.9	97.0	1.0	11.2
17	48	13.8	-0.2	6.8	73.0	15.5	102.9	1.8	1.2
18	49	13.8	5.7	9.8	74.5	9.8	114.2	1.6	2.1
19	50	13.0	5.6	9.3	79.5	8.4	130.2	2.5	2.0
20	51	12.6	4.4	8.5	80.0	7.8	133.4	0.4	0.0
21	52	13.8	3.0	8.4	80.5	11.0	178.5	1.3	3.4
22	53	13.3	7.7	10.5	82.5	6.2	204.2	1.6	2.2
23	54	10.8	3.8	7.3	75.5	10.9	270.2	1.7	1.0
24	55	9.6	1.6	5.6	73.0	12.1	207.5	1.6	0.0
25	56	12.1	-1.2	5.5	70.0	15.1	157.6	1.5	0.0
26	57	13.0	0.0	6.5	69.0	17.2	358.6	4.8	1.0
27	58	13.8	6.5	10.2	68.5	13.0	297.5	3.6	0.9
28	59	9.3	6.8	8.1	87.0	3.6	88.4	1.1	14.9
29	60	13.6	7.3	10.5	82.5	7.1	321.6	1.4	4.0
Mean/Total		12.8	3.8	8.4	76.6	10.2	197.1	2.0	95.1
Abs. Max.		17.4	7.8	11.3	91.0	17.2	448.7	4.8	36.8
Abs. Min.		7.5	-2.4	5.5	65.0	3.6	78.8	0.4	0.0

**TEL HADYA - DAILY SOIL TEMPERATURE
FEBRUARY 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	32	11.3	9.0	10.2	11.0	9.5	10.3	11.9	11.0	11.5
2	33	12.5	8.9	10.7	11.2	9.0	10.1	11.9	11.0	11.5
3	34	11.1	5.7	8.4	10.0	7.7	8.9	11.0	10.3	10.7
4	35	15.5	8.1	11.8	13.1	9.0	11.1	12.8	10.3	11.6
5	36	14.0	5.3	9.7	12.0	7.9	10.0	12.0	11.0	11.5
6	37	10.0	5.7	7.9	9.0	7.3	8.2	10.8	10.5	10.7
7	38	10.0	7.0	8.5	9.4	8.0	8.7	10.5	10.0	10.3
8	39	13.9	5.8	9.9	11.9	7.5	9.7	12.2	11.0	11.6
9	40	13.9	4.9	9.4	11.9	7.4	9.7	12.0	11.1	11.6
10	41	13.0	5.2	9.1	12.0	8.0	10.0	12.2	11.0	11.6
11	42	15.3	8.1	11.7	13.4	9.8	11.6	13.2	12.4	12.8
12	43	13.0	7.2	10.1	12.0	9.2	10.6	13.0	12.4	12.7
13	44	10.1	9.1	9.6	10.4	10.1	10.3	12.2	12.0	12.1
14	45	11.0	8.9	10.0	10.9	9.8	10.4	12.1	12.0	12.1
15	46	11.0	8.2	9.6	10.2	9.2	9.7	11.5	11.0	11.3
16	47	9.0	8.5	8.8	9.2	9.0	9.1	10.6	10.3	10.5
17	48	14.5	5.3	9.9	12.0	7.0	9.5	11.0	10.0	10.5
18	49	14.0	8.8	11.4	11.9	9.0	10.5	11.1	10.0	10.6
19	50	13.5	9.1	11.3	11.5	9.0	10.3	11.3	10.2	10.8
20	51	12.2	8.0	10.1	10.9	8.5	9.7	11.0	10.2	10.6
21	52	13.9	7.0	10.5	11.5	8.2	9.9	11.2	10.2	10.7
22	53	12.5	9.8	11.2	11.9	9.9	10.9	12.2	11.0	11.6
23	54	12.5	8.0	10.3	11.0	9.2	10.1	12.0	11.9	12.0
24	55	11.5	6.8	9.2	10.1	8.1	9.1	11.3	11.0	11.2
25	56	13.0	5.0	9.0	11.0	7.0	9.0	11.2	10.0	10.6
26	57	13.0	5.0	9.0	10.7	7.0	8.9	10.2	10.0	10.1
27	58	13.8	8.0	10.9	11.0	8.6	9.8	11.0	10.0	10.5
28	59	10.9	8.7	9.8	10.0	9.0	9.5	10.1	10.0	10.1
29	60	12.0	9.0	10.5	10.9	9.5	10.2	11.0	10.0	10.5
Mean		12.5	7.4	9.9	11.1	8.6	9.9	11.5	10.8	11.2
Abs.Max.		15.5	9.8	11.8	13.4	10.1	11.6	13.2	12.4	12.8
Abs.Min.		9.0	4.9	7.9	9.0	7.0	8.2	10.1	10.0	10.1

TEL HADYA - DAILY CLIMATIC DATA
MARCH 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	61	15.5	3.0	9.3	68.5	11.1	197.8	2.1	2.8
2	62	15.0	8.3	11.7	84.5	9.9	448.7	2.6	0.0
3	63	16.3	7.0	11.7	57.5	18.6	501.8	6.5	11.4
4	64	11.0	5.0	8.0	65.5	17.0	530.7	4.6	0.5
5	65	14.2	-2.8	5.7	60.0	19.3	173.7	2.0	0.0
6	66	12.0	-0.4	5.8	68.0	11.2	365.1	2.6	3.1
7	67	9.0	5.6	7.3	87.0	3.5	394.0	1.5	8.1
8	68	8.0	5.2	6.6	90.0	4.7	136.7	1.1	8.7
9	69	11.7	4.4	8.1	91.0	4.7	162.4	1.0	20.1
10	70	15.2	6.0	10.6	77.5	12.7	265.4	2.5	3.2
11	71	14.2	7.5	10.9	78.5	10.9	442.2	0.8	2.1
12	72	16.2	6.1	11.2	66.0	14.9	201.0	3.2	4.8
13	73	13.8	6.5	10.2	80.0	10.7	180.1	2.2	3.4
14	74	17.0	3.6	10.3	67.0	18.0	111.4	3.7	0.0
15	75	16.0	4.1	10.1	77.0	11.7	228.3	2.4	0.5
16	76	18.0	3.6	10.8	71.5	21.3	144.7	3.3	0.0
17	77	18.8	5.1	12.0	72.0	17.6	294.3	4.0	0.0
18	78	19.8	6.0	12.9	70.0	20.8	141.5	3.7	0.0
19	79	12.9	8.4	10.7	81.5	8.3	186.6	2.3	13.0
20	80	11.8	7.6	9.7	87.3	8.2	275.0	1.7	4.0
21	81	16.6	3.2	9.9	71.5	22.4	262.1	4.4	0.0
22	82	15.2	4.3	9.8	76.0	14.0	226.8	2.2	0.0
23	83	19.3	5.2	12.3	64.0	22.6	357.0	5.4	0.0
24	84	19.6	5.0	12.3	66.0	22.5	125.5	3.6	0.0
25	85	22.1	6.5	14.3	69.0	21.1	175.3	0.9	3.4
26	86	17.2	7.7	12.5	74.0	18.1	577.3	4.9	0.4
27	87	19.4	9.1	14.3	67.0	22.1	371.5	6.3	0.4
28	88	20.0	3.9	12.0	77.0	15.6	110.9	2.4	0.0
29	89	19.6	5.7	12.7	78.0	15.4	283.0	3.5	0.4
30	90	15.9	5.9	10.9	70.0	12.9	242.8	3.1	0.4
31	91	18.9	1.8	10.4	62.5	22.5	172.1	4.2	0.0
Mean/Total		15.8	5.1	10.5	73.4	15.0	267.3	3.1	90.7
Abs. Max.		22.1	9.1	14.3	91.0	22.6	577.3	6.5	20.1
Abs. Min.		8.0	-2.8	5.7	57.5	3.5	110.9	0.8	0.0

**TEL HADYA - DAILY SOIL TEMPERATURE
MARCH 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	61	13.0	7.0	10.0	11.0	8.2	9.6	11.0	10.0	10.5
2	62	15.0	9.9	12.5	12.7	10.0	11.4	12.0	10.8	11.4
3	63	15.9	9.0	12.5	12.9	9.7	11.3	12.5	11.0	11.8
4	64	11.0	8.9	10.0	10.9	9.9	10.4	11.8	11.5	11.7
5	65	14.5	4.3	9.4	12.0	6.5	9.3	11.2	10.0	10.6
6	66	11.0	5.5	8.3	10.0	7.4	8.7	10.0	10.0	10.0
7	67	9.2	8.0	8.6	9.0	8.8	8.9	10.0	10.0	10.0
8	68	9.8	7.6	8.7	9.0	8.2	8.6	9.9	9.5	9.7
9	69	10.1	7.8	9.0	9.7	8.1	8.9	10.0	9.5	9.8
10	70	13.5	8.1	10.8	11.4	8.5	10.0	11.0	10.0	10.5
11	71	12.7	9.2	11.0	11.0	9.4	10.2	11.0	10.4	10.7
12	72	14.0	7.5	10.8	11.8	8.2	10.0	11.1	10.1	10.6
13	73	13.5	9.3	11.4	11.4	9.7	10.6	11.1	10.9	11.0
14	74	16.0	7.5	11.8	13.0	9.0	11.0	12.0	10.4	11.2
15	75	14.0	8.8	11.4	12.6	9.9	11.3	12.0	11.0	11.5
16	76	19.0	8.0	13.5	15.7	9.9	12.8	13.0	11.0	12.0
17	77	17.3	9.1	13.2	15.0	11.0	13.0	13.0	12.0	12.5
18	78	19.0	10.0	14.5	16.0	11.5	13.8	14.0	12.5	13.3
19	79	15.1	11.3	13.2	13.9	12.2	13.1	13.0	12.7	12.9
20	80	13.0	10.1	11.6	12.5	12.4	12.5	12.2	12.0	12.1
21	81	16.5	7.2	11.9	14.0	10.0	12.0	13.0	11.4	12.2
22	82	16.1	9.0	12.6	14.1	10.5	12.3	13.0	12.0	12.5
23	83	17.3	8.5	12.9	15.0	10.1	12.6	13.6	12.0	12.8
24	84	21.0	10.0	15.5	17.0	11.4	14.2	14.6	12.8	13.7
25	85	21.5	11.0	16.3	18.0	12.1	15.1	15.1	13.5	14.3
26	86	16.1	13.0	14.6	14.9	14.0	14.5	14.5	14.0	14.3
27	87	18.0	11.1	14.6	15.9	12.2	14.1	14.4	13.7	14.1
28	88	19.0	10.0	14.5	17.0	11.9	14.5	15.0	13.3	14.2
29	89	17.9	11.4	14.7	16.0	13.1	14.6	15.0	14.3	14.7
30	90	15.9	11.0	13.5	14.6	13.0	13.8	13.9	13.0	13.5
31	91	19.9	9.0	14.5	16.7	11.0	13.9	15.0	13.0	14.0
Mean		15.3	9.0	12.2	13.4	10.3	11.8	12.5	11.6	12.1
Abs.Max.		21.5	13.0	16.3	18.0	14.0	15.1	15.1	14.3	14.7
Abs.Min.		9.2	4.3	8.3	9.0	6.5	8.6	9.9	9.5	9.7

TEL HADYA - DAILY CLIMATIC DATA
APRIL 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad, MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	92	19.6	1.1	10.4	65.0	24.4	98.1	3.7	0.0
2	93	21.0	0.4	10.7	61.5	24.8	164.0	5.2	0.0
3	94	23.8	2.7	13.3	60.5	23.7	98.1	4.5	0.0
4	95	18.8	5.3	12.1	67.8	12.8	62.7	1.8	0.0
5	96	19.0	4.6	11.8	65.0	15.4	49.8	1.8	0.0
6	97	23.8	2.9	13.4	61.5	18.8	78.8	2.9	0.0
7	98	23.6	7.1	15.4	68.0	12.2	90.1	2.1	0.0
8	99	21.3	9.2	15.3	57.0	15.4	205.9	4.7	0.0
9	100	22.3	8.3	15.3	67.0	19.5	220.3	5.5	0.0
10	101	25.4	8.7	17.1	63.0	23.5	207.5	5.9	0.0
11	102	19.8	11.6	15.7	89.0	8.8	247.7	2.6	1.5
12	103	23.4	12.6	18.0	76.0	20.8	162.4	4.0	0.0
13	104	24.9	11.4	18.2	77.5	13.1	165.6	4.7	0.0
14	105	20.0	11.7	15.9	76.5	21.5	291.1	5.4	0.0
15	106	23.0	6.9	15.0	75.0	19.7	154.4	3.3	0.3
16	107	21.6	11.6	16.6	78.0	20.4	263.7	6.0	14.7
17	108	19.0	11.8	15.4	75.5	22.8	326.5	5.1	0.0
18	109	20.1	4.5	12.3	67.5	22.3	135.1	4.1	0.0
19	110	22.2	9.1	15.7	67.5	19.2	114.2	3.6	0.9
20	111	23.2	8.6	15.4	75.0	19.7	184.9	0.2	2.8
21	112	18.0	7.2	12.6	76.5	17.6	197.8	1.0	2.5
22	113	18.5	5.6	12.1	72.0	19.9	189.7	3.9	0.0
23	114	20.5	3.4	12.0	66.0	25.1	135.1	4.1	0.0
24	115	22.2	7.3	14.8	69.0	21.9	147.9	4.6	0.0
25	116	26.0	7.4	16.7	63.0	27.5	287.9	8.6	0.0
26	117	27.8	9.8	18.8	54.0	27.2	305.5	10.1	0.0
27	118	29.0	8.5	18.8	65.5	23.4	286.2	8.6	0.0
28	119	29.0	15.0	22.0	60.0	23.7	180.1	6.6	0.0
29	120	28.2	12.9	20.6	73.0	22.2	183.3	7.3	0.0
30	121	25.4	11.7	18.6	77.5	15.6	324.8	7.2	0.0
Mean/Total		22.7	8.0	15.3	69.0	20.1	185.3	4.6	22.7
Abs. Max.		29.0	15.0	22.0	89.0	27.5	326.5	10.1	14.7
Abs. Min.		18.0	0.4	10.4	54.0	8.8	49.8	0.2	0.0

**TEL HADYA - DAILY SOIL TEMPERATURE
APRIL 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	92	21.8	9.4	15.6	18.0	11.8	14.9	15.3	13.9	14.6
2	93	22.0	10.3	16.2	18.9	12.8	15.9	15.8	14.2	15.0
3	94	23.1	11.0	17.1	19.2	13.0	16.1	16.1	14.7	15.4
4	95	18.9	12.1	15.5	17.0	14.0	15.5	15.9	15.0	15.5
5	96	18.5	11.0	14.8	15.8	13.0	14.4	15.1	14.7	14.9
6	97	21.8	10.5	16.2	18.0	12.8	15.4	16.0	14.1	15.1
7	98	20.0	12.7	16.4	17.7	14.0	15.9	15.9	15.0	15.5
8	99	20.0	13.5	16.8	17.5	14.0	15.8	15.9	15.1	15.5
9	100	22.0	13.0	17.5	18.7	14.0	16.4	16.0	15.0	15.5
10	101	25.0	13.0	19.0	20.7	14.2	17.5	17.0	15.0	16.0
11	102	19.1	15.0	17.1	18.0	16.0	17.0	17.1	16.0	16.6
12	103	25.0	16.0	20.5	21.2	15.3	18.3	18.2	16.8	17.5
13	104	23.0	16.0	19.5	20.1	17.0	18.6	18.0	17.3	17.7
14	105	23.0	16.2	19.6	20.3	17.0	18.7	18.5	17.2	17.9
15	106	24.0	13.0	18.5	21.0	15.0	18.0	18.7	17.0	17.9
16	107	26.0	16.0	21.0	22.0	17.0	19.5	18.8	17.9	18.4
17	108	22.2	16.3	19.3	20.4	17.0	18.7	19.0	17.9	18.5
18	109	24.0	12.7	18.4	20.9	14.9	17.9	18.0	17.1	17.6
19	110	24.0	15.0	19.5	21.0	15.5	18.3	18.5	16.8	17.7
20	111	24.8	15.8	20.3	21.0	16.0	18.5	18.4	17.0	17.7
21	112	23.0	15.5	19.3	20.0	16.0	18.0	18.0	17.5	17.8
22	113	22.0	14.0	18.0	19.4	14.9	17.2	17.7	16.2	17.0
23	114	23.9	13.0	18.5	20.0	14.0	17.0	18.0	16.0	17.0
24	115	24.0	14.9	19.5	20.0	15.1	17.6	18.1	16.8	17.5
25	116	29.0	15.0	22.0	24.0	15.4	19.7	21.0	17.0	19.0
26	117	29.5	17.0	23.3	24.9	18.0	21.5	21.5	19.7	20.6
27	118	28.5	17.7	23.1	24.4	18.5	21.5	22.0	19.9	21.0
28	119	31.0	20.2	25.6	26.0	20.3	23.2	23.0	21.0	22.0
29	120	31.0	20.3	25.7	26.1	20.5	23.3	23.2	21.7	22.5
30	121	26.5	20.1	23.3	23.8	20.7	22.3	22.0	21.8	21.9
Mean		23.9	14.5	19.2	20.5	15.6	18.1	18.2	16.8	17.6
Abs.Max.		31.0	20.3	25.7	26.1	20.7	23.3	23.2	21.8	22.5
Abs.Min.		18.5	9.4	14.8	15.8	11.8	14.4	15.1	13.9	14.6

TEL HADYA - DAILY CLIMATIC DATA
MAY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	122	22.9	13.8	18.4	66.0	26.8	345.7	7.8	0.0
2	123	17.8	8.8	13.3	98.8	13.2	183.3	2.4	2.5
3	124	23.5	6.6	15.1	67.5	23.6	162.4	5.1	0.0
4	125	26.3	6.3	16.3	63.5	26.8	91.7	5.5	0.0
5	126	28.5	7.8	18.2	60.0	28.4	106.2	7.9	0.0
6	127	30.6	5.8	18.2	56.5	28.5	156.0	8.7	0.0
7	128	30.8	8.7	19.8	57.3	26.0	270.2	11.1	0.0
8	129	29.4	9.9	19.7	64.0	27.5	247.6	9.0	0.0
9	130	26.0	11.0	18.5	66.5	25.2	223.6	8.2	0.0
10	131	28.0	7.0	17.5	62.5	27.6	138.3	7.6	0.0
11	132	28.4	7.8	18.1	57.0	28.6	204.2	9.0	0.0
12	133	30.9	9.0	20.0	52.5	27.3	217.1	9.3	0.0
13	134	32.1	12.8	22.5	54.5	26.0	238.0	10.0	0.0
14	135	36.8	12.0	24.4	51.0	27.3	170.4	10.5	0.0
15	136	36.9	12.7	24.8	55.5	27.0	156.0	10.6	0.0
16	137	39.6	15.6	27.6	32.5	27.5	183.4	11.7	0.0
17	138	36.8	16.2	26.5	45.5	24.2	238.0	11.7	0.0
18	139	30.6	16.8	23.7	59.5	28.7	419.7	11.8	0.0
19	140	32.6	16.3	24.5	63.5	28.1	320.0	11.4	0.0
20	141	35.8	13.5	24.7	50.5	25.8	247.6	10.4	0.0
21	142	30.4	19.5	25.0	60.5	27.5	550.0	12.1	0.0
22	143	29.6	16.4	23.0	61.0	29.5	513.0	11.0	0.0
23	144	28.8	15.0	21.9	58.0	28.7	499.2	9.6	0.0
24	145	25.4	11.7	18.6	63.5	25.1	545.2	8.6	0.0
25	146	29.4	15.0	22.2	55.7	24.9	279.8	9.6	0.0
26	147	37.0	16.5	26.8	33.5	22.9	416.5	13.3	0.0
27	148	26.7	16.3	21.5	58.5	23.3	331.3	7.7	0.0
28	149	27.5	14.6	21.1	63.0	23.7	365.0	9.2	0.0
29	150	31.1	14.1	22.6	55.0	29.3	170.4	9.3	0.0
30	151	33.8	11.7	22.8	44.5	29.2	234.8	12.1	0.0
31	152	31.4	15.3	23.4	55.0	29.2	397.2	10.6	0.0
Mean/Total		30.2	12.4	21.3	57.8	26.4	278.1	9.4	2.5
Abs. Max.		39.6	19.5	27.6	98.8	29.5	550.0	13.3	2.5
Abs. Min.		17.8	5.8	13.3	32.5	13.2	91.7	2.4	0.0

**TEL HADYA - DAILY SOIL TEMPERATURE
MAY 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	122	30.5	19.5	25.0	26.0	20.0	23.0	22.8	21.0	21.9
2	123	23.0	20.0	21.5	21.5	20.0	20.8	20.0	19.5	19.8
3	124	27.1	15.7	21.4	23.0	16.9	20.0	20.9	20.0	20.5
4	125	31.0	16.0	23.5	26.3	17.0	21.7	21.1	19.0	20.1
5	126	32.0	17.8	24.9	27.1	19.3	23.2	22.0	19.3	20.7
6	127	32.8	18.0	25.4	27.9	19.6	23.8	22.7	20.0	21.4
7	128	30.5	19.0	24.8	26.4	22.7	24.6	23.0	21.0	22.0
8	129	32.0	19.0	25.5	27.3	20.6	24.0	24.0	21.0	22.5
9	130	30.1	20.7	25.4	26.3	21.0	23.7	24.0	22.0	23.0
10	131	32.0	18.8	25.4	27.0	20.0	23.5	23.9	20.9	22.4
11	132	32.4	19.0	25.7	27.0	20.2	23.6	24.0	21.0	22.5
12	133	33.1	20.0	26.6	27.9	21.0	24.5	24.6	21.2	22.9
13	134	33.0	21.1	27.1	27.9	21.7	24.8	24.9	22.0	23.5
14	135	35.0	22.0	28.5	29.0	22.0	25.5	25.7	22.4	24.1
15	136	36.0	22.2	29.1	29.9	22.8	26.4	26.0	23.0	24.5
16	137	38.0	23.0	30.5	31.2	24.0	27.6	27.5	24.3	25.9
17	138	35.9	24.0	30.0	30.0	24.3	27.2	27.0	24.5	25.8
18	139	35.4	23.5	29.5	29.8	24.0	26.9	26.5	24.0	25.3
19	140	36.0	23.3	29.7	29.9	23.8	26.9	26.3	23.7	25.0
20	141	37.1	23.0	30.1	30.1	23.7	26.9	27.0	23.9	25.5
21	142	35.5	25.2	30.4	29.9	25.0	27.5	25.4	24.8	25.1
22	143	35.1	23.3	29.2	29.4	23.9	26.7	26.0	23.8	24.9
23	144	37.0	23.0	30.0	31.0	23.4	27.2	28.3	23.4	25.9
24	145	32.8	23.1	28.0	28.2	24.0	26.1	25.4	24.0	24.7
25	146	36.8	22.9	29.9	30.0	23.2	26.6	26.5	23.2	24.9
26	147	36.7	24.9	30.8	30.3	24.9	27.6	25.4	24.5	30.0
27	148	33.2	24.5	28.9	28.3	24.8	26.6	25.7	24.1	24.9
28	149	33.1	23.3	28.2	28.3	23.9	26.1	25.0	24.0	24.5
29	150	37.0	22.8	29.9	30.0	23.0	26.5	26.0	23.0	24.5
30	151	40.5	22.0	31.3	33.5	23.0	28.3	29.0	24.0	26.5
31	152	39.9	25.0	32.5	33.0	25.5	29.3	28.5	25.9	27.2
Mean		33.9	21.5	27.7	28.5	22.2	25.4	25.0	22.5	23.9
Abs.Max.		40.5	25.2	32.5	33.5	25.5	29.3	29.0	25.9	30.0
Abs.Min.		23.0	15.7	21.4	21.5	16.9	20.0	20.0	19.0	19.8

TEL HADYA - DAILY CLIMATIC DATA
JUNE 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	153	30.2	16.6	23.4	55.5	29.6	360.2	11.2	0.0
2	154	32.6	14.9	23.8	49.5	29.5	226.8	11.3	0.0
3	155	31.0	14.1	22.6	45.5	27.2	144.7	9.9	0.0
4	156	35.8	16.0	25.9	41.5	28.4	413.3	14.1	0.0
5	157	30.4	17.2	23.8	55.0	30.1	358.7	11.4	0.0
6	158	33.8	13.2	23.5	53.0	29.4	228.4	10.1	0.0
7	159	34.4	12.8	23.6	52.0	29.7	255.7	11.6	0.0
8	160	34.5	15.9	25.2	44.0	29.6	345.8	13.4	0.0
9	161	36.0	16.7	26.4	40.5	29.1	321.7	13.7	0.0
10	162	36.8	19.6	28.2	38.5	27.6	342.5	15.1	0.0
11	163	38.3	16.4	27.4	41.0	27.8	181.7	12.0	0.0
12	164	40.2	18.2	29.2	30.5	21.0	328.1	13.5	0.6
13	165	35.8	22.8	29.3	45.5	25.6	476.0	14.9	0.0
14	166	32.4	19.9	26.2	56.5	27.9	551.6	13.1	0.0
15	167	31.4	20.7	26.1	59.3	25.8	469.6	5.2	3.0
16	168	25.0	16.8	20.9	71.0	12.6	226.8	4.3	0.4
17	169	32.5	13.2	22.9	56.0	29.0	408.5	13.0	0.0
18	170	32.1	18.0	25.1	55.5	29.5	493.7	12.6	0.0
19	171	32.5	18.3	25.4	61.5	26.8	345.8	10.6	0.0
20	172	32.7	16.3	24.5	59.0	28.6	324.8	13.7	0.0
21	173	33.7	16.3	25.0	34.5	28.2	426.2	12.7	0.0
22	174	28.8	19.0	23.9	61.5	19.1	508.2	10.2	0.0
23	175	34.0	14.8	24.4	50.0	24.3	397.3	10.5	0.0
24	176	30.8	16.2	23.5	48.5	29.3	390.8	12.9	0.0
25	177	32.8	17.0	24.9	49.8	28.7	189.7	11.3	0.0
26	178	34.7	14.9	25.8	36.8	29.3	299.1	14.2	0.0
27	179	36.9	18.1	27.5	31.0	29.1	498.5	19.1	0.0
28	180	37.1	20.8	29.0	32.0	28.6	501.8	16.7	0.0
29	181	37.4	22.4	29.9	36.5	27.5	513.0	17.6	0.0
30	182	34.7	22.9	28.8	38.5	26.4	451.9	15.2	0.0
Mean/Total		33.6	17.3	25.5	47.7	27.2	366.0	12.5	4.0
Abs. Max.		40.2	22.9	29.9	71.0	30.1	551.6	19.1	3.0
Abs. Min.		25.0	12.8	20.9	30.5	12.6	144.7	4.3	0.0

TEL HADYA - DAILY SOIL TEMPERATURE
JUNE 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	153	38.6	25.1	31.9	32.1	25.7	28.9	28.0	25.7	26.9
2	154	40.0	25.0	32.5	33.0	25.7	29.4	28.9	26.0	27.5
3	155	41.0	25.0	33.0	33.7	25.9	29.8	29.2	26.0	27.6
4	156	41.5	26.9	34.2	34.0	27.0	30.5	29.5	27.0	28.3
5	157	40.0	26.0	33.0	33.1	26.3	29.7	29.9	26.6	28.3
6	158	41.0	25.0	33.1	33.8	25.8	29.8	29.0	26.2	27.6
7	159	41.1	25.5	33.3	33.8	25.9	29.9	29.0	26.0	27.5
8	160	40.9	25.4	33.2	33.6	26.0	29.8	29.0	26.2	27.6
9	161	41.5	26.0	33.8	34.2	26.5	30.4	29.3	26.5	27.9
10	162	41.0	27.0	34.0	34.0	27.2	30.6	29.6	27.3	28.5
11	163	42.6	26.6	34.6	34.9	27.3	31.1	29.9	27.2	28.6
12	164	40.5	27.3	33.9	33.9	27.5	30.7	29.7	27.7	28.7
13	165	41.0	28.7	34.9	35.0	28.0	31.5	30.0	27.3	28.7
14	166	39.9	27.9	33.9	34.0	28.0	31.0	29.2	27.0	28.1
15	167	38.1	27.3	32.7	33.2	28.0	30.6	28.9	27.0	28.0
16	168	30.0	26.8	28.4	28.1	27.0	27.6	26.2	26.0	26.1
17	169	35.9	21.0	28.5	31.0	22.8	26.9	27.5	23.0	25.3
18	170	37.0	24.0	30.5	32.2	25.0	28.6	28.0	26.4	27.2
19	171	39.5	24.9	32.2	33.9	25.6	29.8	29.0	25.8	27.4
20	172	39.2	24.7	32.0	33.9	26.0	30.0	29.0	26.2	27.6
21	173	40.0	23.8	31.9	34.1	25.7	29.9	28.7	26.6	27.7
22	174	33.0	25.4	29.2	29.8	26.0	27.9	26.6	26.0	26.3
23	175	35.8	22.8	29.3	31.1	24.2	27.7	27.0	25.0	26.0
24	176	38.0	23.1	30.6	32.5	24.5	28.5	27.8	25.0	26.4
25	177	41.5	24.0	32.8	34.7	25.2	30.0	28.9	25.7	27.3
26	178	42.2	24.0	33.1	35.0	25.6	30.3	29.2	26.3	27.8
27	179	44.2	25.0	34.6	37.0	26.0	31.5	31.6	27.0	29.3
28	180	44.7	28.0	36.4	37.3	28.5	32.9	31.5	28.8	30.2
29	181	44.2	28.4	36.3	37.1	29.0	33.1	31.9	29.1	30.5
30	182	43.5	29.0	36.3	36.9	29.5	33.2	31.1	29.1	30.1
Mean		39.9	25.7	32.8	33.7	26.4	30.1	29.1	26.5	27.8
Abs.Max.		44.7	29.0	36.4	37.3	29.5	33.2	31.9	29.1	30.5
Abs.Min.		30.0	21.0	28.4	28.1	22.8	26.9	26.2	23.0	25.3

TEL HADYA - DAILY CLIMATIC DATA
JULY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	183	34.6	19.9	27.3	48.5	27.5	231.6	13.0	0.0
2	184	35.6	18.8	27.2	45.0	26.9	212.3	11.3	0.0
3	185	38.1	19.4	28.8	40.5	28.3	184.9	12.2	0.0
4	186	39.0	19.8	29.4	40.3	29.1	337.7	17.7	0.0
5	187	40.3	22.0	31.2	35.0	29.4	312.0	16.1	0.0
6	188	41.5	23.2	32.4	37.0	28.6	262.1	15.9	0.0
7	189	41.2	24.1	32.9	32.5	28.5	244.5	16.4	0.0
8	190	40.1	22.5	31.3	28.0	28.6	376.3	20.2	0.0
9	191	39.7	21.7	30.7	33.5	28.7	229.9	15.2	0.0
10	192	39.5	19.9	29.7	33.0	29.3	233.2	14.6	0.0
11	193	39.0	20.4	29.7	33.0	28.4	323.3	15.3	0.0
12	194	37.8	18.4	28.1	47.0	28.4	270.2	12.4	0.0
13	195	39.2	19.2	29.2	46.3	28.7	295.9	12.5	0.0
14	196	38.2	21.3	29.8	43.0	28.5	437.5	16.8	0.0
15	197	37.4	21.3	29.4	38.0	28.9	439.0	17.1	0.0
16	198	38.9	21.8	30.4	36.0	29.4	418.2	17.1	0.0
17	199	39.4	21.5	30.5	34.5	29.4	513.0	18.2	0.0
18	200	38.8	21.7	30.3	38.5	29.0	556.4	15.8	0.0
19	201	36.0	23.2	29.6	55.0	28.0	685.1	14.9	0.0
20	202	35.6	23.8	29.7	51.0	27.9	704.4	15.1	0.0
21	203	36.3	22.8	29.6	52.0	27.0	625.6	14.0	0.0
22	204	38.0	23.9	31.0	47.0	27.5	415.0	13.6	0.0
23	205	39.2	20.8	30.0	42.5	28.1	292.7	15.0	0.0
24	206	38.7	22.3	30.5	38.5	29.1	488.9	19.9	0.0
25	207	37.2	23.4	30.3	38.0	28.5	378.0	16.8	0.0
26	208	39.5	20.4	30.0	46.5	28.1	229.9	14.3	0.0
27	209	42.2	22.2	32.2	33.5	27.2	300.7	15.7	0.0
28	210	38.2	22.3	30.3	37.0	27.0	492.1	14.7	0.0
29	211	35.8	22.6	29.2	51.5	26.4	307.1	12.5	0.0
30	212	37.7	19.9	28.8	53.0	25.8	270.2	12.8	0.0
31	213	35.6	18.7	27.2	53.0	27.2	564.5	13.7	0.0
Mean/Total		38.3	21.4	29.9	41.6	28.2	375.2	15.2	0.0
Abs. Max.		42.2	24.1	32.9	55.0	29.4	704.4	20.2	0.0
Abs. Min.		34.6	18.4	27.2	28.0	25.8	184.9	11.3	0.0

TEL HADYA - DAILY SOIL TEMPERATURE
JULY 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	183	44.7	27.8	36.3	37.2	28.5	32.9	31.8	28.6	30.2
2	184	45.0	28.0	36.5	38.0	29.1	33.6	31.9	29.2	30.6
3	185	46.7	28.3	37.5	39.0	29.5	34.3	32.5	29.5	31.0
4	186	47.0	28.4	37.7	39.7	29.7	34.7	33.4	29.9	31.7
5	187	47.8	29.4	38.6	39.9	30.5	35.2	33.4	30.8	32.1
6	188	49.0	30.2	39.5	41.0	31.1	36.1	34.0	31.0	32.5
7	189	49.3	31.1	40.2	41.0	31.9	36.5	34.9	32.0	33.5
8	190	47.1	31.0	39.1	40.0	31.9	36.0	34.1	32.0	33.1
9	191	49.8	30.9	40.4	41.1	31.8	36.5	34.8	32.0	33.4
10	192	49.3	30.2	39.6	41.0	31.8	36.4	34.9	32.0	33.5
11	193	48.0	30.0	39.0	40.7	31.2	36.0	34.5	31.8	33.2
12	194	48.8	29.5	39.2	40.9	31.0	36.0	34.3	31.3	32.8
13	195	49.2	30.0	39.6	41.0	31.4	36.2	34.4	31.8	33.1
14	196	47.7	30.9	39.3	40.0	31.9	36.0	34.0	31.9	33.0
15	197	46.2	31.0	38.6	39.2	31.0	35.1	33.8	31.3	32.6
16	198	47.0	29.5	38.3	39.5	30.2	34.9	34.0	31.0	32.5
17	199	46.2	29.2	37.7	39.0	30.3	34.7	33.9	31.0	32.5
18	200	46.9	29.0	38.0	39.8	30.0	34.9	34.1	31.0	32.6
19	201	45.0	31.0	38.0	39.0	31.8	35.4	33.9	31.3	32.6
20	202	44.0	30.8	37.4	38.0	31.2	34.6	33.0	31.0	32.0
21	203	44.9	30.0	37.5	38.5	30.7	34.6	33.0	30.5	31.8
22	204	45.2	30.9	38.1	38.7	31.0	34.9	33.3	30.9	32.1
23	205	47.0	30.0	38.5	39.7	31.0	35.4	33.9	31.0	32.5
24	206	46.2	30.0	38.1	39.0	30.5	34.8	33.8	31.0	32.4
25	207	45.9	30.0	38.0	38.8	31.0	34.9	33.5	31.0	32.3
26	208	47.8	28.0	37.9	39.8	29.5	34.7	33.7	30.4	32.1
27	209	49.1	29.8	39.5	40.9	31.0	36.0	34.0	31.3	32.7
28	210	47.1	30.0	38.6	39.8	31.0	35.4	33.9	31.2	32.6
29	211	45.6	30.2	37.9	39.0	30.8	34.9	33.1	30.9	32.0
30	212	46.6	29.2	37.9	39.5	30.4	35.0	33.5	31.0	32.3
31	213	45.0	28.8	36.9	38.5	30.1	34.3	33.0	31.0	32.0
Mean		46.9	29.8	38.4	39.6	30.7	35.2	33.7	31.0	32.4
Abs.Max.		49.8	31.1	40.4	41.1	31.9	36.5	34.9	32.0	33.5
Abs.Min.		44.0	27.8	36.3	37.2	28.5	32.9	31.8	28.6	30.2

TEL HADYA - DAILY CLIMATIC DATA
AUGUST 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	214	35.8	24.3	30.1	60.0	26.7	657.8	14.9	0.0
2	215	35.8	24.9	30.4	59.5	25.5	632.0	14.6	0.6
3	216	36.8	24.3	30.6	52.0	26.0	435.8	14.7	0.0
4	217	37.1	22.7	29.9	52.5	26.0	304.0	13.3	0.0
5	218	40.0	22.0	31.0	45.0	26.4	263.7	15.3	0.0
6	219	41.1	22.0	31.6	42.0	26.6	331.3	15.2	0.0
7	220	39.9	23.5	31.7	50.0	26.5	405.3	13.1	0.0
8	221	39.0	22.2	31.7	54.0	26.3	334.5	13.5	0.0
9	222	37.0	21.7	29.4	59.5	25.3	521.1	14.4	0.0
10	223	34.7	21.9	28.3	60.5	25.7	617.6	12.9	0.0
11	224	35.8	23.6	29.7	62.0	25.4	725.3	15.7	0.0
12	225	37.5	24.3	30.9	55.5	25.6	413.3	15.1	0.0
13	226	39.4	21.0	30.2	46.5	25.0	299.2	14.1	0.0
14	227	39.1	22.5	30.8	44.5	25.1	299.2	19.0	0.0
15	228	36.3	24.3	30.3	53.0	24.0	601.5	13.6	0.0
16	229	38.6	24.3	31.5	57.5	23.9	492.1	13.4	0.0
17	230	36.4	23.3	29.9	62.5	24.0	543.6	13.4	0.0
18	231	36.6	23.2	29.9	57.5	24.4	543.6	14.3	0.0
19	232	37.1	23.4	30.3	55.0	24.6	329.7	11.6	0.0
20	233	37.8	19.7	28.9	49.0	24.8	212.3	13.8	0.0
21	234	40.6	19.2	29.9	32.5	25.4	255.7	13.9	0.0
22	235	39.8	21.9	30.9	44.5	25.4	543.6	18.2	0.0
23	236	36.6	22.9	29.8	54.5	24.6	442.2	14.0	0.0
24	237	39.9	21.6	30.8	54.0	25.1	329.7	14.6	0.0
25	238	39.5	18.3	28.9	49.5	25.0	395.6	13.6	0.0
26	239	36.6	19.0	27.8	62.0	24.3	426.2	13.4	0.0
27	240	35.5	19.9	27.7	61.0	24.4	542.0	12.7	0.0
28	241	34.2	22.3	28.3	61.5	23.8	625.6	13.5	0.0
29	242	34.0	21.3	27.7	47.5	24.8	196.2	12.5	0.0
30	243	34.2	14.2	28.2	40.0	24.7	225.1	11.7	0.0
31	244	34.8	15.8	25.3	41.5	24.3	279.8	14.2	0.0
Mean/Total		37.3	21.8	30.4	52.5	25.2	426.6	14.1	0.6
Abs. Max.		41.1	24.9	39.4	62.5	26.7	725.3	19.0	0.6
Abs. Min.		34.0	14.2	25.3	32.5	23.8	196.2	11.6	0.0

**TEL HADYA - DAILY SOIL TEMPERATURE
AUGUST 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	214	45.0	30.2	37.6	39.5	30.8	35.2	34.0	30.5	32.3
2	215	44.9	31.6	38.3	39.0	32.0	35.5	34.0	31.8	32.9
3	216	44.6	30.9	37.8	39.7	31.8	35.8	33.9	31.8	32.9
4	217	46.3	30.0	38.2	39.5	31.0	35.3	34.0	31.3	32.7
5	218	48.3	30.1	39.2	40.8	31.1	36.0	34.8	31.7	33.3
6	219	48.8	30.8	39.8	40.9	31.8	36.4	34.7	32.0	33.4
7	220	48.2	31.0	39.6	40.7	32.0	36.4	34.5	32.0	33.3
8	221	47.9	31.0	39.5	40.9	32.0	36.5	35.0	32.0	33.5
9	222	45.9	31.2	38.6	39.5	32.3	36.5	35.0	32.4	33.4
10	223	44.3	30.0	37.2	39.5	31.2	35.0	33.7	31.8	32.8
11	224	43.5	31.0	37.3	38.0	31.4	34.7	33.3	31.2	32.3
12	225	44.9	30.4	37.7	38.4	31.0	34.7	33.0	31.0	32.0
13	226	46.0	29.0	37.5	39.3	30.2	34.8	34.0	31.1	32.6
14	227	45.0	29.9	37.5	30.5	30.5	34.6	33.8	31.3	32.6
15	228	44.0	29.1	36.6	38.5	31.0	34.5	33.9	31.1	32.5
16	229	45.5	31.0	38.3	39.3	31.5	35.4	33.9	31.3	32.6
17	230	44.0	31.0	37.5	38.3	31.6	35.0	33.7	31.5	32.6
18	231	43.0	30.0	36.5	37.7	31.0	34.4	33.3	31.1	32.2
19	232	43.5	30.0	36.8	37.8	30.1	34.0	33.1	31.0	32.1
20	233	45.5	28.3	36.9	38.9	30.0	34.5	33.7	31.1	32.4
21	234	47.0	27.3	37.2	39.7	29.9	34.8	34.0	31.1	32.6
22	235	46.7	29.0	37.9	40.0	31.0	35.5	34.8	32.0	33.4
23	236	44.5	30.0	37.3	38.7	31.1	34.9	33.5	31.8	32.7
24	237	45.0	29.1	37.1	38.8	30.1	34.5	33.2	31.0	27.1
25	238	40.9	28.5	34.7	39.0	30.1	34.6	33.4	31.0	32.2
26	239	44.2	29.4	36.8	38.2	30.3	34.3	33.0	31.0	32.0
27	240	43.0	28.0	35.5	37.0	29.3	33.2	32.0	30.0	31.0
28	241	41.7	28.9	35.3	36.3	29.5	32.9	32.0	30.0	31.0
29	242	44.1	28.0	36.1	38.0	29.8	33.9	33.2	30.0	31.6
30	243	43.0	26.0	34.5	37.0	28.0	32.5	32.6	30.0	31.3
31	244	42.5	25.7	34.1	36.7	28.2	32.5	32.0	29.9	31.0
Mean		44.9	29.6	37.3	38.6	30.7	34.8	33.6	31.2	32.3
Abs.Max.		48.8	31.6	39.8	40.9	32.3	36.5	35.0	32.4	33.5
Abs.Min.		40.9	25.7	34.1	30.5	28.0	32.5	32.0	29.9	27.1

BREDA

1987-1988 Season

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

**Total monthly precipitation (mm) , maximum and minimum temperature (°C)
from 1979-80 to 1987-88 season at BREDA**

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Mean/ Total
Precipitation													
1979-80	0.0	28.6	40.8	44.0	36.0	31.0	73.7	49.9	13.2	0.0	0.0	0.0	317
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
Mean	0.8	22.1	33.3	40.0	54.8	46.4	40.9	28.6	16.2	3.3	0.8	0.0	271
Maximum Temperature													
1979-80	m	m	m	11.4	7.6	11.8	15.6	21.5	28.7	m	m	m	m
1980-81	m	27.6	20.5	12.3	10.9	14.2	18.3	23.2	27.8	35.3	38.8	37.7	24.2
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
Mean	33.9	26.7	17.7	12.1	10.4	12.5	16.5	23.1	29.2	34.2	36.8	37.0	24.2
Minimum Temperature													
1979-80	m	m	m	m	m	m	m	m	m	m	m	m	m m
1980-81	m	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
Mean	15.4	10.0	5.3	1.5	2.3	1.9	3.9	7.7	12.3	16.5	19.4	19.4	9.6

**FROST EVENTS AT BREDÁ
FROM 1980-81 TO 1987-88**

	Nov	Dec	Jan	Feb	Mar	Apr	Season
1980-81 Season							
No. Frost Days	8	14	6	6	.	3	37
Abs. Minimum	-6.5	-4.5	-5.0	-2.0	.	-2.2	-6.5
1981-82 Season							
No. Frost Days	4	.	9	17	9	1	40
Abs. Minimum	-3.0	.	-6.0	-8.0	-4.8	-1.2	-8.0
1982-83 Season							
No. Frost Days	11	14	16	15	6	.	62
Abs. Minimum	-4.2	-4.2	-9.8	-4.5	-7.2	.	-9.8
1983-84 Season							
No. Frost Days	.	10	9	11	2	.	32
Abs. Minimum	.	-5.0	-3.0	-4.3	-1.0	.	-5.0
1984-85 Season							
No. Frost Days	1	16	3	12	10	.	42
Abs. Minimum	0.0	-5.5	-2.8	-8.1	-9.6	.	-9.6
1985-86 Season							
No. Frost Days	.	14	13	4	3	.	34
Abs. Minimum	.	-8.0	-6.2	-1.0	-1.4	.	-8.0
1986-87 Season							
No. Frost Days	14	17	8	.	8	.	47
Abs. Minimum	-4.0	-8.0	-2.0	.	-2.7	.	-8.0
1987-88 Season							
No. Frost Days	2	8	8	5	1	.	24
Abs. Minimum	-0.3	-8.0	-2.8	-2.0	-3.0	.	-8.0

SUMMARY OF MONTHLY CLIMATIC DATA
BREDA 1987-88 SEASON

Month	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
September								
Mean/Total	34.2	15.9	25.0	37.8	24.6	240.0	11.0	0.0
Abs. Max.	38.4	23.0	29.0	51.5	27.3	496.6	15.0	0.0
Abs. Min.	29.0	11.0	21.7	21.3	21.8	86.4	7.1	0.0
October								
Mean/Total	25.3	11.6	18.5	45.1	17.6	207.6	6.4	68.2
Abs. Max.	36.2	17.0	25.7	66.6	22.8	542.4	15.0	14.4
Abs. Min.	16.0	4.8	10.6	24.7	5.5	103.9	0.9	0.0
November								
Mean/Total	17.9	5.0	11.4	64.3	13.7	144.9	2.3	36.4
Abs. Max.	21.0	10.6	14.7	74.5	17.1	368.4	6.2	25.0
Abs. Min.	14.0	-0.3	8.5	57.6	4.1	80.1	0.4	0.0
December								
Mean/Total	11.5	4.5	8.0	77.2	7.7	218.5	-1.9	41.0
Abs. Max.	19.0	10.8	14.9	89.2	12.5	613.7	5.3	9.0
Abs. Min.	-2.4	-8.0	-5.2	49.0	3.4	54.4	m	0.0
January								
Mean/Total	10.1	2.2	6.2	78.6	9.1	199.1	-2.0	85.6
Abs. Max.	16.0	7.6	10.6	88.0	16.2	505.7	2.6	14.0
Abs. Min.	4.8	-2.8	1.1	67.0	3.7	63.4	m	0.0
February								
Mean/Total	12.1	3.7	7.9	76.3	12.1	229.6	1.9	82.4
Abs. Max.	16.0	8.0	11.0	89.1	21.2	661.3	3.7	28.4
Abs. Min.	7.0	-2.0	3.8	65.1	3.5	91.0	0.3	0.0
March								
Mean/Total	15.9	5.5	10.7	73.6	17.1	231.6	2.8	65.6
Abs. Max.	22.8	10.0	16.4	87.0	25.0	527.9	4.6	15.0
Abs. Min.	9.2	-3.0	3.8	64.0	4.9	88.4	0.5	0.0
April								
Mean/Total	22.9	9.5	16.2	70.4	22.7	175.5	4.6	19.4
Abs. Max.	29.2	16.2	22.7	90.5	29.7	423.3	9.2	10.0
Abs. Min.	18.0	2.0	10.6	55.5	14.5	70.4	1.8	0.0
May								
Mean/Total	31.7	12.8	22.3	57.6	28.6	219.0	9.4	9.8
Abs. Max.	41.8	20.0	30.9	78.4	32.9	469.6	13.0	8.0
Abs. Min.	18.6	6.2	12.7	35.9	19.5	98.7	4.4	0.0
June								
Mean/Total	35.3	17.6	26.5	46.7	29.2	291.0	11.4	5.6
Abs. Max.	41.1	23.0	31.1	58.6	32.6	423.4	14.4	2.8
Abs. Min.	27.3	13.5	20.4	32.0	13.6	123.8	6.1	0.0
July								
Mean/Total	39.6	21.5	30.5	40.0	30.1	305.2	15.5	0.0
Abs. Max.	43.7	25.0	34.3	53.1	32.7	525.7	18.5	0.0
Abs. Min.	35.8	18.6	27.6	26.8	26.4	188.2	12.7	0.0
August								
Mean/Total	37.4	19.7	28.6	45.2	27.7	330.8	14.4	0.0
Abs. Max.	40.9	25.5	31.7	54.1	34.9	559.5	17.0	0.0
Abs. Min.	33.9	13.3	23.6	31.2	25.9	179.2	11.8	0.0
Season								
Mean/Total	24.5	10.8	17.6	59.4	20.0	232.7	m	414.0
Abs. Max.	43.7	25.5	34.3	90.5	34.9	661.3	m	28.4
Abs. Min.	-2.4	-8.0	-5.2	21.3	3.4	54.4	m	0.0

SUMMARY OF WEEKLY CLIMATIC DATA
BREDA 1987-88 SEASON

Week	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
3 Sep- 9 Sep	35.8	19.1	27.5	42.7	25.1	264.8	11.5	0.0
10 Sep-16 Sep	34.2	16.1	25.1	37.3	25.4	302.4	11.5	0.0
17 Sep-23 Sep	32.4	13.6	23.0	32.5	24.5	203.6	11.2	0.0
24 Sep-30 Sep	33.6	13.9	23.7	38.2	22.7	199.8	9.2	0.0
1 Oct- 7 Oct	28.5	11.4	19.9	33.6	21.1	238.0	9.6	0.0
8 Oct-14 Oct	29.9	9.9	19.9	29.5	20.4	180.0	8.3	0.0
15 Oct-21 Oct	26.9	15.1	21.0	49.3	16.8	233.1	6.3	25.0
22 Oct-28 Oct	19.5	11.7	15.6	59.8	12.8	163.8	2.9	42.2
29 Oct- 4 Nov	16.6	8.0	12.3	65.3	14.3	227.8	2.7	26.0
5 Nov-11 Nov	15.7	5.6	10.7	65.9	13.8	143.1	2.0	11.4
12 Nov-18 Nov	19.4	5.2	12.3	61.9	15.0	141.3	2.7	0.0
19 Nov-25 Nov	18.8	4.8	11.8	64.6	13.1	103.2	1.9	0.0
26 Nov- 2 Dec	17.9	1.7	9.8	59.9	12.8	206.5	3.3	0.0
3 Dec- 9 Dec	13.3	5.3	9.3	73.9	8.4	226.9	0.8	7.6
10 Dec-16 Dec	13.3	8.0	10.7	83.6	6.9	228.1	1.2	13.4
17 Dec-23 Dec	13.2	8.3	10.8	80.5	7.1	193.7	1.1	12.8
24 Dec-31 Dec	5.5	-2.2	1.7	77.8	7.2	194.7	m	7.2
1 Jan- 7 Jan	7.7	-0.5	3.6	79.3	6.4	219.4	m	11.0
8 Jan-14 Jan	10.8	2.3	6.6	78.7	9.4	202.6	1.4	16.4
15 Jan-21 Jan	9.3	1.6	5.4	75.1	9.3	195.6	1.2	9.8
22 Jan-28 Jan	10.8	4.4	7.6	81.8	9.5	203.7	1.3	39.6
29 Jan- 4 Feb	13.6	3.8	8.7	76.3	12.8	166.1	1.7	13.2
5 Feb-11 Feb	12.9	1.5	7.2	71.5	14.8	208.2	2.0	0.0
12 Feb-18 Feb	11.4	5.7	8.5	79.3	9.7	275.8	1.6	51.0
19 Feb-25 Feb	11.5	3.0	7.3	76.5	11.6	176.4	1.6	8.2
26 Feb- 4 Mar	13.4	5.4	9.4	75.2	14.2	344.1	2.8	29.0
5 Mar-11 Mar	11.9	5.2	8.6	79.3	11.0	292.6	2.0	21.4
12 Mar-18 Mar	17.0	5.9	11.5	73.7	19.1	188.5	2.9	8.8
19 Mar-25 Mar	17.4	6.1	11.7	71.1	19.0	156.1	2.8	21.8
26 Mar- 1 Apr	19.0	4.6	11.8	70.8	21.2	194.3	3.4	3.4
2 Apr- 8 Apr	21.3	7.3	14.3	67.9	20.0	107.5	2.9	0.0
9 Apr-15 Apr	23.4	11.9	17.7	76.0	21.6	226.9	4.7	5.0
16 Apr-22 Apr	20.3	7.9	14.1	75.2	22.6	195.6	4.1	14.4
23 Apr-29 Apr	26.4	11.3	18.9	64.8	26.8	171.1	6.5	0.0
30 Apr- 6 May	25.7	8.9	17.3	63.6	25.5	159.6	6.5	1.8
7 May-13 May	30.9	10.3	20.6	55.8	29.1	177.7	9.2	0.0
14 May-20 May	37.3	16.8	27.0	51.9	29.0	201.8	11.2	8.0
21 May-27 May	31.5	15.0	23.2	59.7	28.9	340.6	10.4	0.0
28 May- 3 Jun	33.3	14.5	23.9	54.3	30.1	212.5	10.0	0.0
4 Jun-10 Jun	36.3	16.2	26.3	47.5	31.2	240.6	11.7	0.0
11 Jun-17 Jun	35.3	18.3	26.8	49.6	26.4	301.6	11.7	5.6
18 Jun-24 Jun	33.1	17.5	25.3	47.8	28.3	326.0	10.6	0.0
25 Jun- 1 Jul	36.9	19.6	28.2	40.2	30.3	326.3	12.5	0.0
2 Jul- 8 Jul	41.0	22.8	31.9	35.1	30.3	283.9	16.6	0.0
9 Jul-15 Jul	40.3	20.2	30.3	38.0	30.6	257.8	14.9	0.0
16 Jul-22 Jul	39.0	22.3	30.7	45.4	29.9	403.6	15.8	0.0
23 Jul-29 Jul	39.3	21.2	30.3	39.4	30.1	280.1	15.3	0.0
30 Jul- 5 Aug	37.5	22.4	30.0	44.8	28.3	361.3	15.6	0.0
6 Aug-12 Aug	38.1	20.8	29.5	46.7	27.9	356.3	15.2	0.0
13 Aug-19 Aug	37.5	20.8	29.1	46.6	28.4	357.5	14.2	0.0
20 Aug-26 Aug	38.5	17.7	28.1	44.6	27.3	268.3	13.6	0.0
27 Aug- 2 Sep	34.7	15.7	25.2	41.1	26.7	268.0	12.3	0.0

BREDA - DAILY CLIMATIC DATA
NOVEMBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	306	14.0	10.6	12.3	74.5	5.6	221.1	2.9	25.0
2	307	19.0	10.3	14.7	65.5	11.9	368.4	5.3	0.0
3	308	17.0	5.8	11.4	60.9	16.9	133.2	0.9	0.0
4	309	17.0	5.8	11.4	65.0	16.7	141.7	1.8	0.0
5	310	16.1	10.1	13.1	70.5	13.5	115.7	0.4	4.4
6	311	15.0	9.6	12.3	70.5	4.1	240.9	2.1	7.0
7	312	14.6	4.6	9.6	59.0	17.1	240.1	5.3	0.0
8	313	15.0	2.0	8.5	64.0	16.7	83.5	0.9	0.0
9	314	16.0	5.8	10.9	64.0	14.5	86.1	2.7	0.0
10	315	16.6	2.9	9.8	66.0	16.1	88.9	0.9	0.0
11	316	16.9	4.5	10.7	67.5	14.4	146.5	1.8	0.0
12	317	17.0	6.4	11.7	65.6	15.6	282.7	6.2	0.0
13	318	18.7	8.0	13.4	60.5	15.2	235.8	3.5	0.0
14	319	19.0	5.0	12.0	62.0	14.6	90.3	1.8	0.0
15	320	21.0	4.4	12.7	61.5	15.1	99.2	1.8	0.0
16	321	20.3	3.9	12.1	62.5	15.5	80.1	0.9	0.0
17	322	20.0	3.0	11.5	60.0	14.4	103.2	3.5	0.0
18	323	20.0	6.0	13.0	61.1	14.5	97.8	0.9	0.0
19	324	19.5	4.0	11.8	64.7	14.3	95.7	2.7	0.0
20	325	17.0	6.2	11.6	68.9	9.0	100.2	0.9	0.0
21	326	18.4	5.0	11.7	66.0	11.3	102.8	0.9	0.0
22	327	18.3	6.5	12.4	66.9	14.3	99.5	2.7	0.0
23	328	20.0	5.0	12.5	62.8	13.8	116.6	1.8	0.0
24	329	19.2	4.0	11.6	63.5	14.7	106.3	1.8	0.0
25	330	19.4	3.0	11.2	59.6	14.3	101.2	2.7	0.0
26	331	18.3	2.0	10.2	64.0	11.7	102.4	0.9	0.0
27	332	19.0	0.0	9.5	65.5	14.2	104.8	2.7	0.0
28	333	17.0	1.1	9.1	67.0	10.8	98.7	0.9	0.0
29	334	19.0	4.0	11.5	60.5	14.4	220.5	3.5	0.0
30	335	18.0	-0.3	8.9	57.6	14.6	243.9	5.3	0.0
Mean/Total		17.9	5.0	11.4	64.3	13.7	144.9	2.3	36.4
Abs. Max.		21.0	10.6	14.7	74.5	17.1	368.4	6.2	25.0
Abs. Min.		14.0	-0.3	8.5	57.6	4.1	80.1	0.4	0.0

BREDA - DAILY SOIL TEMPERATURE
OCTOBER 1987

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	275	38.2	20.8	29.5	32.0	24.5	28.3	28.5	27.5	28.0
2	276	37.0	20.0	28.5	31.5	25.0	28.3	28.5	27.5	28.0
3	277	34.1	21.0	27.6	30.3	25.0	27.7	28.3	27.3	27.8
4	278	29.0	18.4	23.7	27.6	23.8	25.7	28.0	26.2	27.1
5	279	31.0	15.5	23.3	27.0	21.0	24.0	26.2	25.0	25.6
6	280	30.4	12.2	21.3	26.2	19.2	22.7	25.3	24.0	24.7
7	281	30.5	12.7	21.6	26.0	19.0	22.5	24.8	23.7	24.3
8	282	28.2	13.3	20.8	25.2	19.4	22.3	25.0	23.5	24.3
9	283	30.0	14.2	22.1	26.0	18.5	22.3	25.0	23.3	24.2
10	284	29.7	14.8	22.3	26.0	19.0	22.5	25.0	23.2	24.1
11	285	29.7	15.7	22.7	26.2	19.5	22.9	25.0	23.5	24.3
12	286	29.5	17.0	23.3	26.0	20.0	23.0	25.0	23.8	24.4
13	287	29.8	17.2	23.5	26.3	20.5	23.4	25.1	24.0	24.6
14	288	30.0	17.0	23.5	26.3	20.1	23.2	25.2	23.8	24.5
15	289	29.8	19.4	24.6	26.0	22.0	24.0	25.2	23.5	24.4
16	290	30.0	19.8	24.9	26.3	21.7	24.0	25.0	24.0	24.5
17	291	28.0	19.5	23.8	25.6	21.4	23.5	24.9	23.8	24.4
18	292	23.6	18.0	20.8	24.0	21.0	22.5	24.3	23.0	23.7
19	293	27.8	17.0	22.4	24.3	19.7	22.0	23.0	22.0	22.5
20	294	28.8	14.4	21.6	24.0	18.1	21.1	23.0	21.6	22.3
21	295	27.0	14.2	20.6	24.0	18.0	21.0	23.0	21.2	22.1
22	296	m	m	m	20.6	18.2	19.4	22.9	21.7	22.3
23	297	m	m	m	19.9	17.0	18.5	21.8	20.8	21.3
24	298	m	m	m	18.0	16.0	17.0	21.0	20.0	20.5
25	299	m	m	m	19.9	15.3	17.6	20.6	19.0	19.8
26	300	m	m	m	18.9	14.0	16.5	20.3	18.1	19.2
27	301	m	m	m	18.0	12.2	15.1	19.2	16.8	18.0
28	302	m	m	m	17.0	14.6	15.8	19.0	18.0	18.5
29	303	18.5	m	m	16.0	11.0	13.5	18.0	16.0	17.0
30	304	15.4	9.0	12.2	14.2	11.0	12.6	17.0	15.0	16.0
31	305	16.8	7.0	11.9	14.5	9.7	12.1	15.8	14.0	14.9
Mean		m	m	m	23.7	18.6	21.1	23.5	22.1	22.8
Abs.Max.		m	m	m	32.0	25.0	28.3	28.5	27.5	28.0
Abs.Min.		m	m	m	14.2	9.7	12.1	15.8	14.0	14.9

BREDA - DAILY CLIMATIC DATA
OCTOBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	275	36.0	14.5	25.3	28.4	21.2	118.8	8.8	0.0
2	276	36.2	15.2	25.7	32.6	22.0	284.1	12.4	0.0
3	277	31.1	16.9	24.0	51.1	20.9	542.4	15.0	0.0
4	278	22.7	12.5	17.6	33.4	17.1	340.9	9.7	0.0
5	279	23.0	8.6	15.8	29.2	22.4	112.8	8.0	0.0
6	280	24.8	5.0	14.9	30.0	22.1	117.7	7.1	0.0
7	281	25.5	6.8	16.2	30.6	21.7	149.2	6.2	0.0
8	282	28.3	7.3	17.8	33.9	22.8	191.9	8.0	0.0
9	283	27.8	8.0	17.9	34.2	21.5	129.3	7.1	0.0
10	284	29.7	8.7	19.2	28.6	20.6	157.5	7.1	0.0
11	285	30.1	9.7	19.9	28.6	20.5	147.8	8.0	0.0
12	286	30.5	12.3	21.4	27.9	20.0	228.0	9.7	0.0
13	287	31.2	12.4	21.8	24.7	19.3	196.6	9.7	0.0
14	288	32.0	11.0	21.5	28.7	18.1	209.0	8.8	0.0
15	289	31.0	16.2	23.6	39.5	17.3	252.2	8.8	0.0
16	290	31.2	15.8	23.5	43.5	17.5	282.6	10.6	0.0
17	291	29.8	17.0	23.4	49.0	13.9	524.9	6.8	8.6
18	292	20.9	16.5	18.7	62.5	12.4	111.9	2.4	2.4
19	293	23.8	16.0	19.9	53.6	18.5	127.7	4.4	0.0
20	294	25.0	12.4	18.7	50.0	19.1	103.9	4.4	0.0
21	295	26.5	12.0	19.3	47.0	18.8	228.2	6.9	14.0
22	296	19.6	15.0	17.3	63.0	13.7	252.0	2.4	2.4
23	297	18.8	15.0	16.9	64.5	10.1	146.4	2.0	10.0
24	298	19.1	13.8	16.5	61.5	8.4	124.2	4.2	12.2
25	299	21.0	13.0	17.0	57.7	15.1	136.7	1.8	0.0
26	300	20.1	8.3	14.2	51.0	18.8	106.7	1.8	0.0
27	301	21.0	7.0	14.0	54.0	17.7	186.6	3.2	3.2
28	302	17.0	10.0	13.5	66.6	5.5	194.2	4.7	14.4
29	303	17.0	7.0	12.0	60.5	19.0	141.0	3.7	1.0
30	304	16.0	12.0	14.0	66.5	15.2	130.3	3.5	0.0
31	305	16.4	4.8	10.6	64.5	15.1	459.2	0.9	0.0
Mean/Total		25.3	11.6	18.5	45.1	17.6	207.6	6.4	68.2
Abs. Max.		36.2	17.0	25.7	66.6	22.8	542.4	15.0	14.4
Abs. Min.		16.0	4.8	10.6	24.7	5.5	103.9	0.9	0.0

BREDA - DAILY SOIL TEMPERATURE
SEPTEMBER 1987

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	245	42.5	27.1	34.8	35.0	30.0	32.5	31.1	30.2	30.7
2	246	43.0	26.4	34.7	35.0	29.4	32.2	31.3	30.2	30.8
3	247	43.0	25.4	34.2	34.6	28.6	31.6	31.5	30.5	31.0
4	248	41.3	26.2	33.8	34.0	29.0	31.5	31.4	30.6	31.0
5	249	37.2	28.8	33.0	32.0	29.2	30.6	31.1	30.3	30.7
6	250	40.0	25.0	32.5	33.0	27.8	30.4	30.6	29.8	30.2
7	251	42.0	24.4	33.2	33.6	27.6	30.6	31.0	29.8	30.4
8	252	43.0	25.1	34.1	34.0	28.0	31.0	31.0	30.0	30.5
9	253	40.7	27.5	34.1	33.7	29.0	31.4	31.0	30.2	30.6
10	254	37.0	26.0	31.5	32.4	29.2	30.8	31.0	30.0	30.5
11	255	36.8	24.2	30.5	32.2	28.0	30.1	30.5	29.8	30.2
12	256	35.0	23.0	29.0	31.5	27.3	29.4	30.3	29.5	29.9
13	257	33.8	25.0	29.4	31.0	28.0	29.5	30.0	29.3	29.7
14	258	39.0	20.2	29.6	32.0	25.4	28.7	30.0	28.6	29.3
15	259	40.0	21.8	30.9	32.8	26.4	29.6	30.0	29.0	29.5
16	260	38.5	21.5	30.0	32.3	26.3	29.3	30.0	29.0	29.5
17	261	40.0	23.6	31.8	33.0	27.4	30.2	30.1	29.1	29.6
18	262	39.6	23.0	31.3	32.7	26.1	29.4	30.0	29.0	29.5
19	263	40.0	21.8	30.9	32.8	26.0	29.4	29.8	28.8	29.3
20	264	39.5	19.7	29.6	32.0	24.3	28.2	29.3	28.0	28.7
21	265	39.0	20.1	29.6	32.0	24.4	28.2	29.0	28.0	28.5
22	266	38.9	21.0	30.0	32.0	25.0	28.5	29.0	28.0	28.5
23	267	37.8	21.6	29.7	30.8	25.4	28.1	28.8	28.0	28.4
24	268	37.2	19.6	28.4	31.0	24.0	27.5	m	m	m
25	269	37.3	19.9	28.6	31.5	24.9	28.2	m	m	m
26	270	35.5	21.2	28.4	31.0	25.4	28.2	m	m	m
27	271	35.2	20.8	28.0	31.0	25.0	28.0	m	m	m
28	272	37.0	19.2	28.1	31.3	24.2	27.8	m	m	m
29	273	37.6	19.6	28.6	31.9	24.5	28.2	m	m	m
30	274	38.0	19.0	28.5	31.9	24.0	28.0	m	m	m
Mean		38.8	22.9	30.9	32.5	26.7	29.6	m	m	m
Abs.Max.		43.0	28.8	34.8	35.0	30.0	32.5	m	m	m
Abs.Min.		33.8	19.0	28.0	30.8	24.0	27.5	m	m	m

BREDA - DAILY CLIMATIC DATA
SEPTEMBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	245	37.0	18.6	27.8	41.0	26.9	229.2	13.3	0.0
2	246	37.2	18.0	27.6	38.0	27.3	177.1	11.5	0.0
3	247	37.8	17.0	27.4	34.5	26.5	181.1	11.5	0.0
4	248	36.2	18.0	27.1	39.4	25.9	327.5	11.5	0.0
5	249	33.0	23.0	28.0	50.5	21.8	442.8	12.4	0.0
6	250	34.0	18.0	26.0	48.0	25.8	234.8	11.5	0.0
7	251	35.3	17.0	26.2	43.1	25.7	121.2	9.7	0.0
8	252	38.4	19.0	28.7	35.5	25.1	181.3	11.5	0.0
9	253	36.0	21.9	29.0	48.0	24.8	364.7	12.4	0.0
10	254	32.0	19.6	25.8	51.5	25.9	443.7	11.5	0.0
11	255	34.0	18.4	26.2	43.9	25.5	374.2	12.4	0.0
12	256	33.0	16.2	24.6	46.0	25.2	496.6	11.5	0.0
13	257	32.0	16.5	24.3	39.5	26.6	381.7	13.3	0.0
14	258	35.0	13.0	24.0	31.9	25.1	86.4	9.7	0.0
15	259	36.1	14.8	25.5	26.5	25.0	139.9	9.7	0.0
16	260	37.0	14.0	25.5	22.0	24.3	194.2	12.4	0.0
17	261	35.3	17.0	26.2	32.1	24.4	216.9	11.5	0.0
18	262	32.0	15.4	23.7	32.1	24.6	291.6	15.0	0.0
19	263	31.2	13.0	22.1	21.3	25.3	147.5	11.5	0.0
20	264	32.3	11.0	21.7	29.5	24.8	176.9	9.7	0.0
21	265	32.8	11.0	21.9	36.0	24.4	212.7	10.6	0.0
22	266	34.0	13.6	23.8	39.7	24.0	254.7	11.5	0.0
23	267	29.0	14.5	21.8	36.6	23.9	124.6	8.8	0.0
24	268	32.0	12.4	22.2	29.4	22.9	139.2	8.8	0.0
25	269	34.8	14.2	24.5	31.7	22.9	166.2	8.8	0.0
26	270	33.0	15.7	24.4	47.8	22.2	357.1	11.5	0.0
27	271	33.4	15.4	24.4	43.5	22.9	324.6	11.5	0.0
28	272	33.0	13.2	23.1	44.9	22.9	171.5	8.0	0.0
29	273	33.8	13.0	23.4	41.8	22.6	123.4	7.1	0.0
30	274	35.3	13.1	24.2	28.3	22.6	116.9	8.8	0.0
Mean/Total		34.2	15.9	25.0	37.8	24.6	240.0	11.0	0.0
Abs. Max.		38.4	23.0	29.0	51.5	27.3	496.6	15.0	0.0
Abs. Min.		29.0	11.0	21.7	21.3	21.8	86.4	7.1	0.0

BREDA - DAILY SOIL TEMPERATURE
NOVEMBER 1987

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	306	13.6	11.0	12.3	13.2	12.0	12.6	15.6	15.0	15.3
2	307	15.9	10.7	13.3	14.3	12.5	13.4	15.6	15.0	15.3
3	308	17.0	7.8	12.4	14.5	10.0	12.3	15.1	13.3	14.2
4	309	17.1	7.9	12.5	15.0	10.0	12.5	15.2	13.2	14.2
5	310	17.0	9.8	13.4	15.1	11.1	13.1	16.0	14.0	15.0
6	311	13.6	10.6	12.1	13.9	12.2	13.1	16.0	15.1	15.6
7	312	14.0	7.2	10.6	13.0	10.2	11.6	15.0	13.8	14.4
8	313	16.0	5.0	10.5	13.2	8.0	10.6	14.0	12.0	13.0
9	314	16.7	8.8	12.8	14.1	10.1	12.1	14.6	13.1	13.9
10	315	16.8	6.2	11.5	14.0	9.0	11.5	14.2	12.8	13.5
11	316	16.2	6.4	11.3	13.6	9.0	11.3	14.2	12.8	13.5
12	317	16.3	7.9	12.1	15.4	10.0	12.7	14.5	13.0	13.8
13	318	16.4	8.6	12.5	15.8	11.5	13.7	14.9	13.2	14.1
14	319	18.3	8.3	13.3	16.5	11.8	14.2	15.2	13.6	14.4
15	320	18.9	7.9	13.4	16.8	11.2	14.0	15.2	13.5	14.4
16	321	18.4	7.6	13.0	16.3	11.1	13.7	15.0	13.5	14.3
17	322	17.3	7.3	12.3	16.0	11.0	13.5	14.8	13.1	14.0
18	323	18.1	8.3	13.2	16.4	11.5	14.0	15.0	13.3	14.2
19	324	17.3	7.5	12.4	16.0	11.0	13.5	14.8	13.0	13.9
20	325	15.3	8.5	11.9	15.0	11.4	13.2	14.3	13.1	13.7
21	326	16.8	7.4	12.1	15.2	11.0	13.1	14.5	13.0	13.8
22	327	18.3	9.5	13.9	16.8	12.2	14.5	15.1	14.0	14.6
23	328	17.9	8.2	13.1	16.1	11.7	13.9	15.0	13.4	14.2
24	329	18.0	8.0	13.0	16.0	11.1	13.6	14.8	13.2	14.0
25	330	17.3	7.0	12.2	15.4	10.6	13.0	14.3	12.8	13.6
26	331	16.6	6.2	11.4	14.0	10.0	12.0	14.0	12.5	13.3
27	332	17.3	6.8	12.1	13.8	8.8	11.3	13.1	11.7	12.4
28	333	14.9	7.1	11.0	12.3	9.0	10.7	12.8	11.5	12.2
29	334	16.6	8.0	12.3	13.5	9.0	11.3	12.9	11.4	12.2
30	335	15.4	6.5	11.0	12.8	8.4	10.6	12.5	11.0	11.8
Mean		16.6	7.9	12.3	14.8	10.5	12.7	14.6	13.1	13.9
Abs.Max.		18.9	11.0	13.9	16.8	12.5	14.5	16.0	15.1	15.6
Abs.Min.		13.6	5.0	10.5	12.3	8.0	10.6	12.5	11.0	11.8

BREDA - DAILY CLIMATIC DATA
DECEMBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	336	16.8	0.0	8.4	52.8	12.1	191.4	4.4	0.0
2	337	17.0	5.0	11.0	51.7	11.7	483.7	5.3	0.0
3	338	19.0	10.8	14.9	49.0	12.4	507.0	4.4	0.0
4	339	11.6	8.8	10.2	74.8	3.6	195.7	0.6	3.2
5	340	11.5	2.0	6.8	80.9	7.4	102.1	0.1	1.4
6	341	13.0	1.5	7.3	70.5	11.9	168.8	0.4	0.0
7	342	15.3	-0.4	7.5	73.5	11.5	235.7	0.1	3.0
8	343	10.6	7.2	8.9	86.5	4.7	263.1	0.1	0.0
9	344	12.0	7.4	9.7	82.1	7.3	115.8	0.1	0.0
10	345	11.8	8.2	10.0	87.8	3.5	218.4	1.3	0.0
11	346	13.0	8.0	10.5	84.7	6.3	114.7	0.4	4.4
12	347	13.0	8.4	10.7	86.0	4.3	141.1	0.2	9.0
13	348	16.1	8.9	12.5	78.7	9.0	131.6	1.8	0.0
14	349	14.0	6.5	10.3	81.0	9.3	149.3	0.9	0.0
15	350	11.8	6.4	9.1	84.1	6.4	351.4	0.9	0.0
16	351	13.2	9.8	11.5	82.7	9.8	490.0	2.7	0.0
17	352	13.0	6.8	9.9	80.8	9.2	268.7	0.4	0.0
18	353	12.7	8.0	10.4	82.2	4.0	144.9	1.0	1.0
19	354	13.8	10.0	11.9	82.5	6.4	105.5	1.8	0.0
20	355	14.3	8.7	11.5	81.8	9.3	148.2	1.1	4.6
21	356	15.0	9.9	12.5	74.0	10.3	358.2	2.7	0.0
22	357	13.9	7.8	10.9	77.3	6.3	256.8	0.3	3.0
23	358	9.7	7.2	8.5	84.7	4.5	73.9	0.2	4.2
24	359	10.2	3.0	6.6	78.7	7.6	613.7	2.4	2.4
25	360	7.0	0.0	3.5	68.9	9.1	93.6	1.8	0.0
26	361	5.0	0.6	2.8	61.9	7.8	315.9	1.8	0.0
27	362	2.3	-7.0	-2.4	76.6	3.7	139.3	0.9	0.0
28	363	-2.4	-8.0	-5.2	89.2	3.4	54.4	0.9	0.0
29	364	4.0	-4.8	-0.4	88.1	4.8	125.3	0.9	3.4
30	365	8.0	0.0	4.0	80.1	9.1	102.4	0.9	0.0
31	366	10.3	-1.0	4.7	79.0	12.5	113.1	m	1.4
Mean/Total		11.5	4.5	8.0	77.2	7.7	218.5	m	41.0
Abs. Max.		19.0	10.8	14.9	89.2	12.5	613.7	m	9.0
Abs. Min.		-2.4	-8.0	-5.2	49.0	3.4	54.4	m	0.0

BREDA - DAILY SOIL TEMPERATURE
DECEMBER 1987

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	336	14.3	6.3	10.3	12.0	8.0	10.0	12.0	11.0	11.5
2	337	14.3	8.0	11.2	12.0	9.0	10.5	12.1	10.7	11.4
3	338	16.5	m	m	14.1	11.0	12.6	13.3	12.0	12.7
4	339	12.5	11.0	11.8	12.7	11.5	12.1	13.2	12.3	12.8
5	340	13.5	7.3	10.4	12.1	9.5	10.8	12.3	11.7	12.0
6	341	13.0	6.5	9.8	11.0	8.0	9.5	11.6	10.4	11.0
7	342	14.3	4.5	9.4	11.3	6.3	8.8	11.0	9.2	10.1
8	343	11.0	9.8	10.4	11.0	10.0	10.5	11.1	11.0	11.1
9	344	13.0	9.2	11.1	11.9	9.9	10.9	11.8	11.0	11.4
10	345	12.5	10.1	11.3	11.0	9.9	10.5	11.4	10.5	11.0
11	346	13.7	11.0	12.4	10.9	9.2	10.1	11.0	10.2	10.6
12	347	13.5	11.7	12.6	11.0	10.0	10.5	11.4	11.0	11.2
13	348	15.0	13.0	14.0	12.0	10.8	11.4	12.0	11.2	11.6
14	349	15.0	12.2	13.6	12.0	10.5	11.3	12.0	11.3	11.7
15	350	14.3	12.5	13.4	11.5	10.7	11.1	12.0	11.5	11.8
16	351	14.2	12.0	13.1	11.5	10.5	11.0	12.0	11.2	11.6
17	352	m	m	m	12.5	10.8	11.7	12.5	11.5	12.0
18	353	m	m	m	11.8	10.5	11.2	12.0	11.5	11.8
19	354	m	m	m	13.1	11.5	12.3	13.0	12.0	12.5
20	355	m	m	m	13.2	11.3	12.3	13.0	12.4	12.7
21	356	m	m	m	13.4	11.6	12.5	13.0	12.5	12.8
22	357	m	m	m	12.0	10.8	11.4	13.0	12.0	12.5
23	358	m	m	m	11.0	10.2	10.6	12.0	11.5	11.8
24	359	m	m	m	11.0	8.8	9.9	11.6	10.8	11.2
25	360	m	m	m	8.6	6.3	7.5	10.8	9.0	9.9
26	361	m	m	m	7.0	5.4	6.2	8.9	7.9	8.4
27	362	m	m	m	6.1	4.3	5.2	8.0	6.7	7.4
28	363	m	m	m	4.2	3.0	3.6	6.6	5.3	6.0
29	364	m	m	m	4.8	3.0	3.9	5.9	5.0	5.5
30	365	m	m	m	7.6	4.8	6.2	7.2	6.0	6.6
31	366	10.9	3.5	7.2	7.6	3.4	5.5	7.2	6.0	6.6
Mean		m	m	m	10.7	8.7	9.7	11.1	10.2	10.7
Abs.Max.		m	m	m	14.1	11.6	12.6	13.3	12.5	12.8
Abs.Min.		m	m	m	4.2	3.0	3.6	5.9	5.0	5.5

BREDA - DAILY CLIMATIC DATA
JANUARY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	1	5.0	-2.8	1.1	82.4	4.3	181.0	1.2	0.0
2	2	5.9	-2.3	1.8	83.1	4.5	162.8	1.2	0.0
3	3	7.2	-2.1	2.6	75.5	7.2	205.0	1.2	0.0
4	4	4.8	2.0	3.4	82.1	4.0	505.7	m	10.0
5	5	6.2	4.0	5.1	85.7	3.7	256.0	1.0	1.0
6	6	10.0	-1.0	4.5	79.1	8.5	118.3	0.9	0.0
7	7	14.8	-1.0	6.9	67.0	12.4	107.3	0.9	0.0
8	8	13.6	-0.8	6.4	76.2	12.6	78.4	0.9	0.0
9	9	12.0	0.0	6.0	82.4	11.7	63.4	1.8	0.0
10	10	13.0	1.8	7.4	71.0	13.0	367.0	1.8	0.0
11	11	8.0	5.7	6.9	86.6	13.1	264.9	1.3	10.0
12	12	8.2	1.0	4.6	82.0	6.0	148.6	2.6	0.0
13	13	13.8	4.0	8.9	78.0	4.9	256.8	0.3	6.4
14	14	7.2	4.6	5.9	75.0	4.7	239.1	1.5	0.0
15	15	5.8	1.9	3.9	76.5	4.3	248.5	0.2	2.6
16	16	7.0	2.0	4.5	76.0	11.5	144.8	1.1	2.0
17	17	8.1	0.3	4.2	72.9	7.3	235.3	2.4	2.4
18	18	12.0	-1.2	5.4	67.0	14.5	229.9	1.8	0.0
19	19	13.8	1.8	7.8	71.5	13.7	153.3	1.8	0.0
20	20	10.0	5.2	7.6	81.0	8.2	240.7	0.6	2.8
21	21	8.2	1.0	4.6	80.5	5.7	117.0	0.3	0.0
22	22	8.0	4.8	6.4	78.5	8.5	317.7	0.3	2.4
23	23	7.5	4.0	5.8	88.0	5.2	274.5	2.2	14.0
24	24	9.0	5.8	7.4	83.5	6.1	187.6	0.5	11.0
25	25	11.5	3.5	7.5	83.5	11.3	127.6	1.4	4.0
26	26	13.8	4.0	8.9	75.7	16.2	170.2	2.6	0.0
27	27	13.2	7.6	10.4	84.3	8.1	209.8	0.1	8.2
28	28	12.3	0.8	6.6	79.0	11.2	138.6	1.8	0.0
29	29	14.0	4.6	9.3	73.0	14.8	94.4	0.9	0.0
30	30	14.0	4.0	9.0	81.9	10.7	141.4	0.9	0.0
31	31	16.0	5.2	10.6	77.7	12.9	186.0	2.3	8.8
Mean/Total		10.1	2.2	6.2	78.6	9.1	199.1	m	85.6
Abs. Max.		16.0	7.6	10.6	88.0	16.2	505.7	m	14.0
Abs. Min.		4.8	-2.8	1.1	67.0	3.7	63.4	m	0.0

BREDA - DAILY SOIL TEMPERATURE
JANUARY 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	1	7.0	2.8	4.9	6.2	3.8	5.0	7.0	6.0	6.5
2	2	7.1	2.7	4.9	5.8	3.6	4.7	6.2	5.8	6.0
3	3	7.7	2.7	5.2	5.7	3.3	4.5	6.0	5.4	5.7
4	4	5.8	4.0	4.9	5.0	4.0	4.5	6.0	5.6	5.8
5	5	6.3	4.7	5.5	6.0	4.3	5.2	6.6	5.8	6.2
6	6	10.6	4.0	7.3	8.0	5.0	6.5	8.0	6.8	7.4
7	7	11.0	4.0	7.5	9.2	5.0	7.1	8.2	7.0	7.6
8	8	11.9	3.0	7.5	9.8	5.0	7.4	8.3	7.0	7.7
9	9	11.0	3.4	7.2	9.4	6.0	7.7	8.5	7.1	7.8
10	10	11.9	4.9	8.4	10.0	7.0	8.5	9.0	8.0	8.5
11	11	7.8	4.8	6.3	8.0	7.0	7.5	8.3	8.0	8.2
12	12	8.8	4.0	6.4	9.0	6.2	7.6	9.0	8.0	8.5
13	13	11.0	4.2	7.6	10.0	6.2	8.1	9.2	8.0	8.6
14	14	8.2	6.0	7.1	9.0	8.0	8.5	9.0	8.8	8.9
15	15	7.0	4.2	5.6	8.0	6.6	7.3	8.6	7.9	8.3
16	16	10.5	4.0	7.3	9.4	6.3	7.9	8.6	7.8	8.2
17	17	7.2	3.6	5.4	8.0	6.0	7.0	8.0	7.7	7.9
18	18	10.0	2.5	6.3	8.7	5.0	6.9	8.0	7.0	7.5
19	19	10.7	2.3	6.5	8.8	4.9	6.9	8.0	6.7	7.4
20	20	9.0	5.1	7.1	8.3	6.1	7.2	8.0	7.2	7.6
21	21	9.0	4.8	6.9	9.0	6.8	7.9	8.3	7.7	8.0
22	22	9.0	5.2	7.1	8.8	6.8	7.8	8.1	7.7	7.9
23	23	7.7	5.7	6.7	8.0	7.0	7.5	8.0	7.9	8.0
24	24	8.0	5.8	6.9	8.3	7.0	7.7	8.2	7.9	8.1
25	25	11.8	7.0	9.4	10.8	8.6	9.7	9.8	8.3	9.1
26	26	14.3	6.7	10.5	11.7	8.0	9.9	10.0	9.0	9.5
27	27	11.0	6.8	8.9	10.2	8.0	9.1	10.0	9.0	9.5
28	28	13.5	5.1	9.3	12.0	7.6	9.8	10.6	9.3	10.0
29	29	14.2	5.0	9.6	11.8	7.2	9.5	10.2	9.0	9.6
30	30	13.0	7.2	10.1	11.7	8.8	10.3	10.7	9.7	10.2
31	31	14.2	7.7	11.0	12.3	9.1	10.7	11.1	10.0	10.6
Mean		9.9	4.6	7.3	8.9	6.3	7.6	8.5	7.6	8.1
Abs.Max.		14.3	7.7	11.0	12.3	9.1	10.7	11.1	10.0	10.6
Abs.Min.		5.8	2.3	4.9	5.0	3.3	4.5	6.0	5.4	5.7

BREDA - DAILY CLIMATIC DATA
FEBRUARY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	32	11.8	6.0	8.9	81.3	7.3	233.3	1.6	3.4
2	33	11.0	0.4	5.7	80.4	11.2	121.0	1.8	0.0
3	34	14.3	7.3	10.8	71.5	21.2	190.1	1.8	0.0
4	35	13.9	-1.0	6.5	68.4	11.3	196.7	2.8	1.0
5	36	11.5	0.0	5.8	70.6	16.7	144.2	1.8	0.0
6	37	10.8	5.0	7.9	68.5	13.5	661.3	3.5	0.0
7	38	8.9	1.2	5.1	77.1	7.8	226.1	2.2	0.0
8	39	13.4	-2.0	5.7	67.9	17.0	111.5	2.2	0.0
9	40	16.0	-0.2	7.9	71.9	17.2	123.1	2.0	0.0
10	41	14.0	4.0	9.0	72.5	15.6	100.0	0.9	0.0
11	42	15.6	2.2	8.9	72.1	15.9	91.0	1.8	0.0
12	43	15.0	5.0	10.0	74.5	14.8	327.2	1.8	0.0
13	44	9.8	7.8	8.8	82.4	5.3	401.8	0.9	4.0
14	45	12.8	7.8	10.3	77.2	11.3	374.4	1.8	1.4
15	46	10.2	7.0	8.6	85.0	4.4	418.0	3.0	28.4
16	47	7.0	1.3	4.2	87.0	3.5	160.0	0.3	8.2
17	48	12.9	5.9	9.4	70.5	17.9	102.8	1.8	0.0
18	49	12.0	5.0	8.5	78.5	10.4	146.6	1.6	9.0
19	50	11.9	5.2	8.6	81.0	9.5	132.9	2.9	2.0
20	51	13.0	1.5	7.3	77.7	9.7	130.5	0.9	0.0
21	52	15.0	7.0	11.0	80.0	14.6	166.7	1.4	1.4
22	53	11.7	4.0	7.9	80.5	5.5	184.0	0.7	1.8
23	54	9.7	1.7	5.7	76.7	11.6	223.5	1.6	2.0
24	55	8.0	-0.4	3.8	74.4	12.1	173.8	1.4	1.0
25	56	11.0	2.0	6.5	65.1	18.5	223.6	2.2	0.0
26	57	12.0	6.7	9.4	70.0	19.3	569.4	3.1	0.0
27	58	13.1	7.0	10.1	77.0	14.9	369.2	3.7	0.0
28	59	12.0	8.0	10.0	89.1	4.5	108.2	1.7	15.0
29	60	13.0	2.0	7.5	82.5	8.2	246.6	1.8	3.8
Mean/Total		12.1	3.7	7.9	76.3	12.1	229.6	1.9	82.4
Abs. Max.		16.0	8.0	11.0	89.1	21.2	661.3	3.7	28.4
Abs. Min.		7.0	-2.0	3.8	65.1	3.5	91.0	0.3	0.0

**BREDA - DAILY SOIL TEMPERATURE
FEBRUARY 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	32	10.2	7.8	9.0	10.2	9.0	9.6	10.8	10.0	10.4
2	33	13.0	4.4	8.7	11.4	7.1	9.3	10.8	9.3	10.1
3	34	13.6	4.5	9.1	11.0	7.0	9.0	10.2	9.0	9.6
4	35	15.0	4.2	9.6	12.3	7.1	9.7	11.0	9.6	10.3
5	36	14.0	4.0	9.0	11.1	6.8	9.0	10.0	8.8	9.4
6	37	9.4	4.6	7.0	8.8	6.6	7.7	8.9	8.3	8.6
7	38	8.8	4.2	6.5	8.6	6.4	7.5	8.8	8.0	8.4
8	39	14.4	3.0	8.7	11.2	6.0	8.6	9.9	8.0	9.0
9	40	14.4	3.0	8.7	11.0	5.8	8.4	9.9	8.0	9.0
10	41	13.0	4.0	8.5	11.0	6.1	8.6	10.0	8.3	9.2
11	42	15.8	5.6	10.7	13.0	8.1	10.6	11.4	10.0	10.7
12	43	14.0	6.0	10.0	12.0	8.0	10.0	11.0	10.0	10.5
13	44	9.7	8.0	8.9	10.0	9.0	9.5	10.5	10.0	10.3
14	45	12.8	8.0	10.4	11.2	9.0	10.1	10.7	10.0	10.4
15	46	9.7	7.9	8.8	10.0	9.0	9.5	10.0	9.8	9.9
16	47	8.0	4.5	6.3	9.0	7.0	8.0	9.8	8.8	9.3
17	48	15.0	5.0	10.0	12.0	7.0	9.5	10.5	8.7	9.6
18	49	12.5	7.7	10.1	11.3	9.0	10.2	10.8	10.0	10.4
19	50	12.7	6.9	9.8	11.5	8.7	10.1	11.0	10.0	10.5
20	51	12.2	5.8	9.0	11.0	8.0	9.5	10.7	9.8	10.3
21	52	15.0	6.4	10.7	12.2	8.0	10.1	11.1	9.8	10.5
22	53	11.0	7.0	9.0	11.0	9.0	10.0	10.9	10.0	10.5
23	54	12.0	5.8	8.9	11.0	7.8	9.4	10.1	9.0	9.6
24	55	10.8	3.7	7.3	10.0	6.0	8.0	9.4	8.0	8.7
25	56	14.1	4.5	9.3	11.3	6.0	8.7	10.0	8.0	9.0
26	57	12.7	5.0	8.9	10.5	6.9	8.7	9.8	8.4	9.1
27	58	13.4	7.6	10.5	11.7	8.7	10.2	10.3	9.2	9.8
28	59	10.8	8.4	9.6	10.5	9.1	9.3	10.0	9.8	9.9
29	60	12.0	5.1	8.6	10.9	7.1	9.0	10.3	9.2	9.8
Mean		12.4	5.6	9.0	10.9	7.6	9.2	10.3	9.2	9.8
Abs.Max.		15.8	8.4	10.7	13.0	9.1	10.6	11.4	10.0	10.7
Abs.Min.		8.0	3.0	6.3	8.6	5.8	7.5	8.8	8.0	8.4

BREDA - DAILY CLIMATIC DATA
MARCH 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	61	15.2	8.2	11.7	71.0	15.0	151.1	1.6	1.2
2	62	16.4	7.0	11.7	75.5	12.8	382.3	2.8	0.0
3	63	15.0	7.0	11.0	68.6	20.0	442.2	4.2	9.0
4	64	10.6	-3.0	3.8	68.0	18.8	483.5	3.7	0.0
5	65	12.0	0.6	6.3	71.0	21.5	136.4	3.7	0.0
6	66	11.1	6.1	8.6	68.0	13.1	527.9	3.6	1.0
7	67	9.2	6.3	7.8	87.0	4.9	517.7	0.6	3.2
8	68	10.0	4.4	7.2	85.7	5.5	137.1	0.8	5.2
9	69	12.9	7.8	10.4	86.6	7.5	189.6	1.3	7.6
10	70	14.7	8.5	11.6	78.9	13.9	282.7	1.6	3.4
11	71	13.1	3.0	8.1	78.0	10.3	256.8	2.3	1.0
12	72	15.5	7.1	11.3	74.1	17.2	159.6	1.5	4.0
13	73	13.2	3.8	8.5	81.1	12.4	159.9	1.5	1.8
14	74	16.8	5.2	11.0	67.0	22.9	186.2	3.4	0.0
15	75	15.3	3.4	9.4	79.2	13.8	153.1	2.5	3.0
16	76	18.0	5.8	11.9	70.9	23.0	103.7	2.9	0.0
17	77	20.5	7.0	13.8	72.0	20.2	407.0	4.6	0.0
18	78	20.0	8.7	14.4	71.8	24.0	149.9	3.9	0.0
19	79	16.9	8.1	12.5	77.5	9.5	164.7	1.9	15.0
20	80	12.5	3.0	7.8	78.5	9.7	156.7	0.5	3.6
21	81	16.2	5.5	10.9	70.4	23.3	202.9	3.5	0.0
22	82	14.2	3.9	9.1	72.9	16.5	110.3	1.8	0.0
23	83	19.2	5.0	12.1	67.2	25.0	224.8	4.1	0.0
24	84	19.7	7.1	13.4	65.6	24.8	88.4	3.5	0.0
25	85	22.8	10.0	16.4	65.8	24.4	145.0	4.1	3.2
26	86	17.5	9.3	13.4	73.1	18.8	349.9	4.4	0.0
27	87	19.9	5.2	12.6	71.4	22.9	252.6	4.6	0.0
28	88	19.5	6.3	12.9	74.6	19.8	104.6	3.0	3.4
29	89	21.0	5.3	13.2	74.5	19.1	206.2	3.2	0.0
30	90	16.4	2.0	9.2	73.0	16.0	197.7	2.3	0.0
31	91	19.0	1.8	10.4	64.0	24.8	148.0	3.3	0.0
Mean/Total		15.9	5.5	10.7	73.6	17.1	231.6	2.8	65.6
Abs. Max.		22.8	10.0	16.4	87.0	25.0	527.9	4.6	15.0
Abs. Min.		9.2	-3.0	3.8	64.0	4.9	88.4	0.5	0.0

BREDA - DAILY SOIL TEMPERATURE
MARCH 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	61	13.3	5.3	9.3	11.1	7.0	9.1	10.6	9.0	9.8
2	62	14.9	8.1	11.5	12.8	9.4	11.1	11.8	10.2	11.0
3	63	15.4	8.0	11.7	12.7	9.5	11.1	11.8	10.5	11.2
4	64	10.4	3.2	6.8	10.2	6.0	8.1	11.0	8.6	9.8
5	65	14.3	3.1	8.7	11.2	5.8	8.5	10.0	8.0	9.0
6	66	11.0	4.8	7.9	9.8	6.8	8.3	9.2	8.5	8.9
7	67	9.0	7.0	8.0	9.0	8.0	8.5	9.0	9.0	9.0
8	68	9.3	6.1	7.7	9.0	7.5	8.3	9.0	8.8	8.9
9	69	10.7	6.7	8.7	10.0	7.5	8.8	9.7	8.7	9.2
10	70	13.2	8.0	10.6	11.8	8.6	10.2	10.5	9.3	9.9
11	71	11.1	5.1	8.1	10.7	7.1	8.9	10.0	9.0	9.5
12	72	13.8	6.0	9.9	11.5	7.1	9.3	10.5	8.8	9.7
13	73	12.7	6.8	9.8	11.3	8.3	9.8	10.8	10.0	10.4
14	74	16.8	7.0	11.9	13.3	8.3	10.8	11.7	10.0	10.9
15	75	14.1	6.8	10.5	12.2	8.8	10.5	11.4	10.3	10.9
16	76	19.0	7.3	13.2	15.0	8.8	11.9	12.8	10.2	11.5
17	77	19.0	9.0	14.0	15.1	10.0	12.6	13.0	11.4	12.2
18	78	21.0	10.0	15.5	16.2	11.0	13.6	14.0	12.1	13.1
19	79	15.5	10.0	12.8	13.5	11.0	12.3	13.0	12.0	12.5
20	80	13.0	7.7	10.4	12.6	10.0	11.3	12.1	11.3	11.7
21	81	16.2	7.9	12.1	13.2	9.3	11.3	12.3	11.0	11.7
22	82	16.6	7.5	12.1	14.0	9.9	12.0	12.5	11.2	11.9
23	83	19.0	7.5	13.3	14.8	9.4	12.1	13.0	11.0	12.0
24	84	22.1	9.0	15.6	17.2	10.5	13.9	14.3	12.0	13.2
25	85	23.3	10.5	16.9	18.8	12.0	15.4	15.6	13.0	14.3
26	86	16.9	10.7	13.8	15.0	12.0	13.5	14.3	13.2	13.8
27	87	20.1	10.0	15.1	16.2	11.8	14.0	14.7	13.0	13.9
28	88	20.5	10.0	15.3	17.0	11.7	14.4	14.8	13.1	14.0
29	89	19.0	10.0	14.5	16.0	12.0	14.0	14.3	13.0	13.7
30	90	17.0	8.0	12.5	14.3	10.0	12.2	13.6	12.1	12.9
31	91	21.0	8.0	14.5	16.0	10.0	13.0	14.0	12.0	13.0
Mean		15.8	7.6	11.7	13.3	9.2	11.3	12.1	10.7	11.4
Abs.Max.		23.3	10.7	16.9	18.8	12.0	15.4	15.6	13.2	14.3
Abs.Min.		9.0	3.1	6.8	9.0	5.8	8.1	9.0	8.0	8.9

BREDA - DAILY CLIMATIC DATA
APRIL 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	92	19.8	2.0	10.9	65.0	26.8	100.9	3.2	0.0
2	93	21.0	3.0	12.0	60.1	27.2	125.9	4.1	0.0
3	94	22.8	7.0	14.9	65.2	26.6	94.6	3.8	0.0
4	95	18.0	5.0	11.5	78.5	14.6	84.6	1.9	0.0
5	96	18.5	4.3	11.4	69.5	17.2	70.4	1.8	0.0
6	97	24.2	9.0	16.6	69.0	22.0	86.1	2.6	0.0
7	98	23.2	12.0	17.6	68.1	14.8	126.0	2.6	0.0
8	99	21.5	10.5	16.0	65.0	17.6	164.6	3.5	0.0
9	100	24.0	10.2	17.1	70.8	22.9	259.0	6.5	0.0
10	101	26.0	15.4	20.7	65.2	26.4	251.8	7.8	1.2
11	102	20.4	13.0	16.7	90.5	14.5	320.7	2.9	1.8
12	103	23.4	12.8	18.1	77.3	22.8	129.7	3.5	0.0
13	104	24.2	14.0	19.1	77.6	18.1	261.5	4.4	2.0
14	105	23.0	7.0	15.0	73.7	25.0	204.4	4.9	0.0
15	106	22.8	11.1	17.0	77.0	21.6	161.3	3.0	0.0
16	107	22.5	12.1	17.3	78.7	26.6	423.3	7.4	10.0
17	108	19.5	5.1	12.3	77.0	22.1	245.0	4.6	1.4
18	109	19.2	10.1	14.7	72.1	26.1	115.9	3.5	0.0
19	110	21.0	10.5	15.8	74.2	21.5	117.4	3.0	0.0
20	111	23.2	7.1	15.2	73.6	23.3	157.9	4.5	1.4
21	112	18.0	7.4	12.7	74.9	19.6	154.0	3.3	1.6
22	113	18.4	2.8	10.6	75.7	19.0	155.4	2.6	0.0
23	114	20.0	8.4	14.2	72.0	25.2	105.7	3.5	0.0
24	115	22.2	7.4	14.8	71.0	25.6	176.6	4.4	0.0
25	116	26.9	12.0	19.5	55.5	28.1	204.7	6.1	0.0
26	117	28.6	6.6	17.6	61.9	29.7	184.2	7.7	0.0
27	118	29.1	15.8	22.5	61.3	26.1	156.8	6.1	0.0
28	119	29.2	16.2	22.7	62.0	26.6	223.1	8.3	0.0
29	120	28.8	13.0	20.9	69.9	26.2	146.5	9.2	0.0
30	121	26.2	14.1	20.2	60.1	17.9	255.7	7.0	0.0
Mean/Total		22.9	9.5	16.2	70.4	22.7	175.5	4.6	19.4
Abs. Max.		29.2	16.2	22.7	90.5	29.7	423.3	9.2	10.0
Abs. Min.		18.0	2.0	10.6	55.5	14.5	70.4	1.8	0.0

BREDA - DAILY SOIL TEMPERATURE
APRIL 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	92	23.3	8.7	16.0	18.0	10.8	14.4	15.0	12.5	13.8
2	93	24.5	9.5	17.0	19.0	11.4	15.2	15.3	13.0	14.2
3	94	25.0	10.0	17.5	19.5	12.0	15.8	16.0	13.5	14.8
4	95	18.2	10.2	14.2	16.2	12.2	14.2	15.0	13.8	14.4
5	96	19.0	9.9	14.5	16.0	12.0	14.0	14.4	13.3	13.9
6	97	22.3	10.0	16.2	18.0	11.8	14.9	15.5	13.2	14.4
7	98	19.9	12.7	16.3	17.1	13.9	15.5	15.7	14.6	15.2
8	99	20.2	13.0	16.6	17.5	14.0	15.8	15.8	14.9	15.4
9	100	23.1	13.0	18.1	19.0	14.0	16.5	16.5	14.8	15.7
10	101	26.7	13.5	20.1	21.2	14.8	18.0	18.0	15.5	16.8
11	102	20.0	15.7	17.9	18.2	16.0	17.1	17.2	16.5	16.9
12	103	25.1	15.8	20.5	21.0	16.0	18.5	18.3	16.5	17.4
13	104	24.7	16.3	20.5	20.6	16.8	18.7	18.3	17.1	17.7
14	105	24.8	13.8	19.3	20.9	15.3	18.1	18.6	17.0	17.8
15	106	23.5	14.0	18.8	20.0	15.2	17.6	18.1	16.8	17.5
16	107	26.4	16.0	21.2	22.0	16.6	19.3	19.0	17.2	18.1
17	108	21.2	12.3	16.8	19.0	14.2	16.6	18.0	16.3	17.2
18	109	23.0	13.0	18.0	20.0	14.1	17.1	18.0	16.0	17.0
19	110	22.6	15.0	18.8	20.0	16.0	18.0	18.0	16.8	17.4
20	111	26.0	14.6	20.3	21.8	16.1	19.0	18.8	17.0	17.9
21	112	20.8	13.0	16.9	18.9	14.8	16.9	17.4	16.0	16.7
22	113	20.0	11.2	15.6	18.0	13.6	15.8	16.9	15.5	16.2
23	114	22.4	11.8	17.1	19.2	13.6	16.4	17.1	15.3	16.2
24	115	25.0	14.0	19.5	20.8	15.1	18.0	18.0	16.2	17.1
25	116	27.2	14.3	20.8	22.0	15.5	18.8	19.2	17.0	18.1
26	117	29.0	16.0	22.5	23.4	17.0	20.2	20.3	18.0	19.2
27	118	27.2	16.2	21.7	23.0	17.4	20.2	20.7	18.7	19.7
28	119	32.8	19.2	26.0	27.1	19.3	23.2	23.3	20.0	21.7
29	120	33.9	20.0	27.0	28.8	21.0	24.9	24.6	21.7	23.2
30	121	27.0	18.8	22.9	24.5	20.1	22.3	22.5	21.0	21.8
Mean		24.2	13.7	19.0	20.4	15.0	17.7	18.0	16.2	17.1
Abs.Max.		33.9	20.0	27.0	28.8	21.0	24.9	24.6	21.7	23.2
Abs.Min.		18.2	8.7	14.2	16.0	10.8	14.0	14.4	12.5	13.8

BREDA - DAILY CLIMATIC DATA
MAY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	122	24.0	10.0	17.0	69.4	24.9	228.7	6.1	0.0
2	123	18.6	6.8	12.7	78.4	19.5	160.7	4.4	1.8
3	124	24.0	6.2	15.1	69.0	27.0	144.0	4.4	0.0
4	125	27.0	8.6	17.8	61.5	29.8	98.7	6.1	0.0
5	126	29.2	7.5	18.4	54.9	29.7	110.5	7.9	0.0
6	127	31.2	9.0	20.1	51.8	30.0	118.6	9.6	0.0
7	128	33.0	12.0	22.5	54.1	28.4	197.9	11.4	0.0
8	129	30.8	11.0	20.9	67.5	30.0	195.3	10.0	0.0
9	130	27.7	7.2	17.5	52.5	28.5	207.1	7.9	0.0
10	131	28.5	8.7	18.6	52.8	28.7	131.6	7.9	0.0
11	132	30.0	9.0	19.5	56.4	30.0	165.5	8.6	0.0
12	133	32.0	10.7	21.4	55.5	30.0	165.5	8.6	0.0
13	134	34.0	13.6	23.8	51.7	28.0	180.9	9.7	0.0
14	135	38.8	15.0	26.9	48.1	29.3	185.8	10.8	0.0
15	136	38.4	16.5	27.5	43.4	29.2	128.8	10.9	0.0
16	137	41.8	20.0	30.9	35.9	29.0	155.9	12.0	0.0
17	138	38.6	16.0	27.3	62.9	25.7	176.6	13.0	8.0
18	139	32.0	15.8	23.9	60.5	30.6	310.5	10.8	0.0
19	140	34.4	14.5	24.5	56.2	30.5	278.9	10.9	0.0
20	141	37.0	19.6	28.3	56.5	28.5	176.3	10.1	0.0
21	142	33.0	14.2	23.6	63.5	28.9	323.5	10.3	0.0
22	143	31.0	12.0	21.5	63.2	32.2	356.0	11.1	0.0
23	144	30.6	12.4	21.5	63.0	30.6	290.9	9.8	0.0
24	145	28.0	13.0	20.5	64.0	29.5	404.4	10.1	0.0
25	146	30.8	19.6	25.2	53.0	29.5	202.2	10.2	0.0
26	147	38.2	18.0	28.1	48.8	25.5	469.6	11.6	0.0
27	148	28.6	15.8	22.2	62.1	26.3	337.3	9.4	0.0
28	149	29.0	14.0	21.5	67.5	24.8	298.1	9.2	0.0
29	150	32.8	14.0	23.4	60.6	32.9	172.1	9.3	0.0
30	151	35.4	13.2	24.3	46.2	29.6	172.1	10.1	0.0
31	152	33.0	14.4	23.7	55.5	31.1	246.0	10.1	0.0
Mean/Total		31.7	12.8	22.3	57.6	28.6	219.0	9.4	9.8
Abs. Max.		41.8	20.0	30.9	78.4	32.9	469.6	13.0	8.0
Abs. Min.		18.6	6.2	12.7	35.9	19.5	98.7	4.4	0.0

BREDA - DAILY SOIL TEMPERATURE
MAY 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	122	28.2	17.6	22.9	25.0	19.5	22.3	22.3	20.8	21.6
2	123	23.7	14.5	19.1	21.9	17.0	19.5	20.7	19.0	19.9
3	124	28.4	14.8	21.6	24.3	17.0	20.7	21.2	18.4	19.8
4	125	32.6	16.0	24.3	27.2	18.0	22.6	23.0	19.3	21.2
5	126	34.1	18.5	26.3	28.8	20.0	24.4	24.3	21.0	22.7
6	127	35.0	18.8	26.9	29.2	20.8	25.0	25.0	21.7	23.4
7	128	34.8	20.0	27.4	29.1	21.7	25.4	25.3	22.4	23.9
8	129	35.0	20.8	27.9	29.8	22.4	26.1	26.0	23.0	24.5
9	130	31.3	17.1	24.2	28.0	21.9	25.0	25.4	23.0	24.2
10	131	32.4	18.0	25.2	28.3	20.9	24.6	25.3	22.7	24.0
11	132	33.2	18.3	25.8	28.9	21.3	25.1	25.9	23.0	24.5
12	133	34.4	19.4	26.9	29.6	21.8	25.7	26.2	23.2	24.7
13	134	34.0	20.0	27.0	29.6	22.5	26.1	26.6	24.0	25.3
14	135	36.2	21.2	28.7	30.1	23.3	26.7	27.0	24.7	25.9
15	136	38.0	22.0	30.0	32.4	24.9	28.7	28.8	25.4	27.1
16	137	39.4	24.6	32.0	34.0	27.0	30.5	30.0	28.0	29.0
17	138	38.6	21.2	29.9	33.4	25.0	29.2	29.6	26.8	28.2
18	139	34.4	20.0	27.2	30.8	24.0	27.4	28.0	25.6	26.8
19	140	35.3	20.5	27.9	31.0	24.0	27.5	27.8	25.2	26.5
20	141	37.0	21.0	29.0	32.3	24.2	28.3	28.5	25.3	26.9
21	142	35.0	21.0	28.0	31.3	24.9	28.1	28.2	26.2	27.2
22	143	34.3	20.1	27.2	30.8	24.4	27.6	27.8	25.8	26.8
23	144	35.8	20.2	28.0	31.4	24.0	27.7	28.0	25.8	26.9
24	145	m	m	m	30.0	24.0	27.0	27.2	25.3	26.3
25	146	m	m	m	31.0	24.0	27.5	27.8	25.0	26.4
26	147	m	m	m	31.0	25.8	28.4	28.0	26.0	27.0
27	148	m	m	m	30.0	25.0	27.5	27.5	26.0	26.8
28	149	m	m	m	30.0	24.6	27.3	27.2	25.8	26.5
29	150	m	m	m	32.8	24.4	28.6	28.6	25.5	27.1
30	151	40.0	22.1	31.1	34.1	25.8	30.0	29.9	26.5	28.2
31	152	39.4	22.3	30.9	33.9	26.0	30.0	29.8	27.0	28.4
Mean		m	m	m	30.0	22.9	26.5	26.7	24.1	25.4
Abs.Max.		m	m	m	34.1	27.0	30.5	30.0	28.0	29.0
Abs.Min.		m	m	m	21.9	17.0	19.5	20.7	18.4	19.8

BREDA - DAILY CLIMATIC DATA
JUNE 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	153	32.0	14.2	23.1	58.5	32.1	280.3	10.3	0.0
2	154	34.0	15.0	24.5	47.5	31.0	195.0	10.5	0.0
3	155	37.2	16.6	26.9	44.3	29.3	123.8	10.5	0.0
4	156	38.0	17.0	27.5	53.8	30.0	248.8	10.8	0.0
5	157	32.0	14.3	23.2	54.3	32.6	287.0	11.1	0.0
6	158	36.0	14.3	25.2	47.5	30.9	192.3	10.5	0.0
7	159	36.0	14.4	25.2	47.5	31.6	193.3	12.2	0.0
8	160	36.2	17.6	26.9	42.9	31.9	260.0	12.5	0.0
9	161	37.6	18.5	28.1	43.4	31.1	249.2	12.4	0.0
10	162	38.5	17.3	27.9	43.0	30.4	253.6	12.2	0.0
11	163	40.2	19.0	29.6	39.0	31.4	177.0	12.7	0.0
12	164	41.1	21.0	31.1	44.7	20.7	352.4	14.4	2.8
13	165	37.5	18.5	28.0	49.5	29.2	329.3	13.2	0.0
14	166	34.9	20.9	27.9	52.6	30.6	393.9	13.4	0.0
15	167	33.1	18.5	25.8	57.5	28.8	396.9	11.8	0.8
16	168	27.3	13.5	20.4	58.6	13.6	178.2	6.1	2.0
17	169	33.2	17.0	25.1	45.1	30.4	283.7	10.3	0.0
18	170	35.0	18.9	27.0	47.4	31.6	356.7	11.0	0.0
19	171	34.0	16.6	25.3	48.3	28.9	301.5	12.4	0.0
20	172	35.4	17.0	26.2	46.1	32.4	285.0	9.8	0.0
21	173	35.2	19.5	27.4	46.0	29.6	307.7	10.9	0.0
22	174	30.2	16.6	23.4	50.0	21.3	411.1	9.6	0.0
23	175	30.2	17.0	23.6	50.3	23.8	314.3	9.3	0.0
24	176	32.0	16.6	24.3	46.8	30.8	305.8	10.9	0.0
25	177	34.0	16.0	25.0	45.5	30.1	127.9	10.8	0.0
26	178	36.2	17.0	26.6	38.0	31.4	318.9	12.0	0.0
27	179	38.2	22.2	30.2	32.0	30.8	422.9	12.5	0.0
28	180	38.4	21.5	30.0	37.4	30.4	407.5	12.9	0.0
29	181	39.0	23.0	31.0	36.8	30.7	423.4	13.5	0.0
30	182	36.4	18.2	27.3	47.5	28.3	351.6	12.8	0.0
Mean/Total		35.3	17.6	26.5	46.7	29.2	291.0	11.4	5.6
Abs. Max.		41.1	23.0	31.1	58.6	32.6	423.4	14.4	2.8
Abs. Min.		27.3	13.5	20.4	32.0	13.6	123.8	6.1	0.0

BREDA - DAILY SOIL TEMPERATURE
JUNE 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	153	38.6	22.8	30.7	33.2	26.0	29.6	29.7	27.1	28.4
2	154	39.8	23.0	31.4	34.0	26.5	30.3	30.0	27.4	28.7
3	155	41.0	23.4	32.2	35.0	27.0	31.0	30.7	27.9	29.3
4	156	41.8	24.4	33.1	35.8	28.2	32.0	31.3	29.0	30.2
5	157	39.4	22.9	31.2	34.3	27.3	30.8	30.6	28.8	29.7
6	158	41.2	23.0	32.1	35.4	27.0	31.2	31.0	28.1	29.6
7	159	41.5	23.8	32.7	35.7	27.7	31.7	31.0	28.5	29.8
8	160	42.0	24.6	33.3	36.0	28.0	32.0	31.2	28.8	30.0
9	161	43.0	25.1	34.1	37.0	28.4	32.7	32.0	29.0	30.5
10	162	43.4	26.0	34.7	37.0	29.0	33.0	32.2	30.0	31.1
11	163	43.6	26.0	34.8	37.9	29.2	33.6	32.9	30.0	31.5
12	164	39.8	25.0	32.4	35.1	28.8	32.0	31.6	29.8	30.7
13	165	41.6	25.0	33.3	36.3	28.3	32.3	31.6	29.4	30.5
14	166	41.0	25.0	33.0	36.0	29.0	32.5	31.8	29.7	30.8
15	167	40.0	26.6	33.3	35.9	29.3	32.6	31.7	29.9	30.8
16	168	m	19.4	m	30.6	24.8	27.7	30.0	27.0	28.5
17	169	38.0	20.0	29.0	33.8	24.8	29.3	29.4	26.7	28.1
18	170	40.0	25.0	32.5	35.0	27.1	31.1	30.6	28.0	29.3
19	171	40.0	24.8	32.4	35.4	28.6	32.0	31.0	28.9	30.0
20	172	41.3	24.9	33.1	36.2	28.6	32.4	31.8	29.3	30.6
21	173	41.0	25.7	33.4	36.0	29.0	32.5	31.8	29.8	30.8
22	174	34.5	23.6	29.1	32.3	27.3	29.8	30.0	28.6	29.3
23	175	34.6	23.0	28.8	32.0	27.0	29.5	29.2	28.0	28.6
24	176	39.8	23.6	31.7	34.8	27.0	30.9	30.2	27.9	29.1
25	177	41.1	24.1	32.6	35.9	27.8	31.9	31.0	28.4	29.7
26	178	42.5	25.5	34.0	36.8	28.2	32.5	31.9	29.0	30.5
27	179	44.0	27.0	35.5	37.8	29.4	33.6	32.7	30.0	31.4
28	180	43.9	27.7	35.8	38.0	30.8	34.4	33.0	31.0	32.0
29	181	44.0	28.0	36.0	38.0	31.0	34.5	33.3	31.1	32.2
30	182	43.5	28.0	35.8	37.9	30.3	34.1	33.0	31.4	32.2
Mean		m	24.6	m	35.5	28.0	31.8	31.3	29.0	30.1
Abs.Max.		m	28.0	m	38.0	31.0	34.5	33.3	31.4	32.2
Abs.Min.		m	19.4	m	30.6	24.8	27.7	29.2	26.7	28.1

BREDA - DAILY CLIMATIC DATA
JULY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	183	35.8	19.4	27.6	44.5	30.7	232.2	12.9	0.0
2	184	37.1	20.1	28.6	44.0	30.2	188.2	13.6	0.0
3	185	39.0	21.0	30.0	42.0	30.4	201.3	13.8	0.0
4	186	40.3	21.0	30.7	37.1	30.0	306.3	16.4	0.0
5	187	42.0	24.0	33.0	34.0	31.1	355.7	18.5	0.0
6	188	43.7	24.8	34.3	32.0	30.2	274.4	17.9	0.0
7	189	43.0	24.9	34.0	26.8	30.1	280.6	17.9	0.0
8	190	42.0	23.9	33.0	29.8	29.9	380.7	18.5	0.0
9	191	41.0	22.0	31.5	33.8	30.2	233.3	17.3	0.0
10	192	41.0	20.7	30.9	29.0	31.1	189.9	16.5	0.0
11	193	41.0	19.0	30.0	38.0	30.1	224.0	15.0	0.0
12	194	39.0	18.6	28.8	45.5	30.3	205.8	12.7	0.0
13	195	40.0	20.1	30.1	42.4	30.2	220.9	13.3	0.0
14	196	40.8	20.5	30.7	39.9	30.8	366.4	14.3	0.0
15	197	39.0	20.8	29.9	37.1	31.1	364.2	15.3	0.0
16	198	40.5	19.7	30.1	36.1	31.3	302.4	15.1	0.0
17	199	41.0	21.2	31.1	36.6	30.6	346.3	15.7	0.0
18	200	40.1	21.1	30.6	45.5	31.0	348.7	15.3	0.0
19	201	37.7	25.0	31.4	49.8	30.5	518.0	16.1	0.0
20	202	36.0	23.9	30.0	53.1	29.8	525.7	17.0	0.0
21	203	38.0	23.8	30.9	53.0	29.4	464.7	15.9	0.0
22	204	39.8	21.5	30.7	44.0	26.4	319.3	15.3	0.0
23	205	40.2	20.5	30.4	39.3	32.7	235.4	16.0	0.0
24	206	40.9	20.5	30.7	34.9	30.5	305.1	15.3	0.0
25	207	38.0	21.2	29.6	37.4	30.5	325.7	16.6	0.0
26	208	39.2	22.3	30.8	35.8	29.8	248.1	14.9	0.0
27	209	41.8	22.0	31.9	33.8	29.7	208.8	15.3	0.0
28	210	38.6	21.0	29.8	48.2	29.0	363.4	14.9	0.0
29	211	36.3	20.9	28.6	46.3	28.5	274.3	14.4	0.0
30	212	37.8	19.8	28.8	41.5	28.1	228.5	13.8	0.0
31	213	36.5	20.5	28.5	49.7	29.4	423.7	14.2	0.0
Mean/Total		39.6	21.5	30.5	40.0	30.1	305.2	15.5	0.0
Abs. Max.		43.7	25.0	34.3	53.1	32.7	525.7	18.5	0.0
Abs. Min.		35.8	18.6	27.6	26.8	26.4	188.2	12.7	0.0

BREDA - DAILY SOIL TEMPERATURE
JULY 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	183	m	28.0	m	38.2	30.2	34.2	33.4	31.0	32.2
2	184	m	28.0	m	39.0	31.0	35.0	34.0	31.6	32.8
3	185	m	27.8	m	39.9	31.4	35.7	34.5	32.0	33.3
4	186	47.1	28.0	37.6	40.8	32.0	36.4	34.9	32.3	33.6
5	187	47.6	29.8	38.7	41.0	33.0	37.0	35.3	33.0	34.2
6	188	48.0	30.5	39.3	41.8	34.0	37.9	36.0	33.6	34.8
7	189	48.2	30.2	39.2	42.0	34.2	38.1	36.0	34.0	35.0
8	190	37.1	30.3	33.7	41.3	34.0	37.7	36.0	34.0	35.0
9	191	48.1	29.9	39.0	42.0	34.0	38.0	36.2	34.0	35.1
10	192	48.0	29.0	38.5	42.0	34.0	38.0	36.1	34.0	35.1
11	193	46.0	27.8	36.9	40.2	32.3	36.3	35.6	33.8	34.7
12	194	45.8	28.0	36.9	40.1	32.3	36.2	35.3	33.2	34.3
13	195	46.7	27.7	37.2	41.0	31.9	36.5	35.6	33.1	34.4
14	196	45.0	27.4	36.2	40.2	31.5	35.9	35.2	33.0	34.1
15	197	44.0	27.0	35.5	39.8	31.2	35.5	35.0	32.8	33.9
16	198	45.0	26.6	35.8	40.1	31.1	35.6	35.0	32.5	33.8
17	199	44.6	26.4	35.5	39.8	31.0	35.4	34.6	32.2	33.4
18	200	42.9	25.1	34.0	40.0	31.0	35.5	34.7	32.2	33.5
19	201	40.6	26.4	33.5	39.0	31.5	35.3	34.1	32.2	33.2
20	202	39.2	25.2	32.2	38.0	31.1	34.6	33.9	32.0	33.0
21	203	40.8	26.0	33.4	38.6	31.2	34.9	34.0	32.0	33.0
22	204	42.0	25.1	33.6	39.5	31.5	35.5	34.2	32.0	33.1
23	205	43.7	25.0	34.4	40.2	31.5	35.9	34.9	32.1	33.5
24	206	43.0	24.4	33.7	40.0	31.0	35.5	34.9	32.3	33.6
25	207	42.0	25.0	33.5	39.7	31.0	35.4	34.4	32.2	33.3
26	208	43.7	25.7	34.7	40.4	31.6	36.0	34.9	32.1	33.5
27	209	46.5	26.1	36.3	42.1	32.1	37.1	35.9	32.8	34.4
28	210	44.1	26.0	35.1	41.0	32.3	36.7	35.2	33.1	34.2
29	211	43.0	25.5	34.3	40.3	32.0	36.2	35.0	33.0	34.0
30	212	44.0	25.0	34.5	40.9	31.9	36.4	35.1	32.8	34.0
31	213	41.5	25.5	33.5	39.2	31.9	35.6	34.5	32.8	33.7
Mean		m	27.0	m	40.3	32.0	36.1	35.0	32.7	33.9
Abs.Max.		m	30.5	m	42.1	34.2	38.1	36.2	34.0	35.1
Abs.Min.		m	24.4	m	38.0	30.2	34.2	33.4	31.0	32.2

BREDA - DAILY CLIMATIC DATA
AUGUST 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	214	37.0	25.1	31.1	49.5	29.5	559.5	15.7	0.0
2	215	36.2	25.5	30.9	50.6	27.3	511.5	16.2	0.0
3	216	37.9	21.0	29.5	42.8	27.9	344.8	16.4	0.0
4	217	37.1	22.1	29.6	41.5	27.0	227.6	17.0	0.0
5	218	40.3	23.1	31.7	37.9	29.0	233.7	16.2	0.0
6	219	40.9	20.0	30.5	40.4	28.2	246.9	16.6	0.0
7	220	40.5	20.1	30.3	46.5	27.6	281.8	15.6	0.0
8	221	39.3	20.0	29.7	42.9	28.5	260.5	13.6	0.0
9	222	36.8	20.1	28.5	46.9	27.8	377.2	14.9	0.0
10	223	35.0	22.0	28.5	53.2	28.4	423.0	14.4	0.0
11	224	36.7	23.3	30.0	51.5	27.4	557.6	14.9	0.0
12	225	37.5	20.0	28.8	45.8	27.6	347.0	16.6	0.0
13	226	39.2	20.8	30.0	40.5	27.1	239.3	15.3	0.0
14	227	39.4	21.0	30.2	38.5	27.4	415.6	17.0	0.0
15	228	36.5	23.0	29.6	52.0	27.8	472.0	14.3	0.0
16	229	38.2	23.0	30.6	47.4	34.9	339.8	13.7	0.0
17	230	36.0	19.5	27.8	50.5	27.3	379.1	13.6	0.0
18	231	36.0	19.4	27.7	51.0	27.0	363.6	12.5	0.0
19	232	37.2	18.9	28.1	46.1	27.4	293.4	13.3	0.0
20	233	38.0	18.2	28.1	41.4	27.4	190.1	13.3	0.0
21	234	39.4	18.4	28.9	38.0	27.6	179.2	12.2	0.0
22	235	39.7	16.1	27.9	39.3	27.8	325.8	15.1	0.0
23	236	36.3	18.5	27.4	54.1	27.8	336.9	13.6	0.0
24	237	39.9	17.2	28.6	41.3	28.5	255.1	13.4	0.0
25	238	39.2	19.5	29.4	48.5	25.9	264.3	13.6	0.0
26	239	36.8	15.8	26.3	49.6	26.4	327.0	14.0	0.0
27	240	34.9	17.7	26.3	51.1	26.3	379.0	13.4	0.0
28	241	34.0	17.8	25.9	54.0	26.3	461.7	12.4	0.0
29	242	33.9	13.3	23.6	39.5	27.3	240.1	13.6	0.0
30	243	34.0	15.0	24.5	31.2	27.0	215.2	12.6	0.0
31	244	35.5	14.9	25.2	38.0	26.5	206.0	11.8	0.0
Mean/Total		37.4	19.7	28.6	45.2	27.7	330.8	14.4	0.0
Abs. Max.		40.9	25.5	31.7	54.1	34.9	559.5	17.0	0.0
Abs. Min.		33.9	13.3	23.6	31.2	25.9	179.2	11.8	0.0

BREDA - DAILY SOIL TEMPERATURE
AUGUST 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	214	40.4	27.0	33.7	39.5	32.2	35.9	34.3	32.9	33.6
2	215	40.2	27.2	33.7	39.0	33.0	36.0	34.1	32.7	33.4
3	216	40.0	25.0	32.5	39.0	32.1	35.6	34.0	32.6	33.3
4	217	42.3	25.1	33.7	40.0	32.0	36.0	34.4	32.1	33.3
5	218	44.0	25.6	34.8	41.0	32.3	36.7	35.0	32.4	33.7
6	219	45.0	26.0	35.5	41.9	33.0	37.5	35.5	33.0	34.3
7	220	44.0	26.0	35.0	41.2	33.1	37.2	35.4	33.1	34.3
8	221	45.1	26.3	35.7	40.0	31.6	35.8	35.2	33.0	34.1
9	222	43.2	27.0	35.1	38.9	31.2	35.1	34.8	33.0	33.9
10	223	41.0	27.4	34.2	37.4	31.1	34.3	34.0	32.5	33.3
11	224	40.1	27.4	33.8	37.0	31.0	34.0	33.8	32.2	33.0
12	225	41.7	26.0	33.9	37.8	30.7	34.3	34.0	32.0	33.0
13	226	43.8	26.3	35.1	38.9	30.4	34.7	34.4	32.0	33.2
14	227	42.7	26.7	34.7	38.3	30.9	34.6	34.3	32.4	33.4
15	228	40.7	26.9	33.8	37.1	30.8	34.0	33.5	32.0	32.8
16	229	42.5	27.8	35.2	38.1	31.3	34.7	34.0	32.0	33.0
17	230	41.0	26.0	33.5	37.6	30.6	34.1	33.8	32.0	32.9
18	231	40.0	25.6	32.8	36.9	30.0	33.5	33.2	31.8	32.5
19	232	40.2	25.1	32.7	36.8	30.0	33.4	33.0	31.2	32.1
20	233	42.2	24.8	33.5	38.0	29.6	33.9	33.5	31.1	32.3
21	234	44.8	25.0	34.9	39.0	29.8	34.1	34.0	31.2	32.6
22	235	42.9	24.4	33.7	38.1	29.9	34.0	34.0	32.0	33.0
23	236	41.0	25.1	33.1	37.0	29.8	33.4	33.2	31.6	32.4
24	237	42.0	24.8	33.4	37.6	29.8	33.7	33.4	31.4	32.4
25	238	42.3	25.7	34.0	37.8	29.8	33.8	33.5	31.3	32.4
26	239	40.4	23.0	31.7	36.8	25.6	32.7	33.0	31.0	32.0
27	240	39.7	23.3	31.5	35.9	28.3	32.1	32.3	30.5	31.4
28	241	39.0	24.4	31.7	35.4	29.0	32.2	32.0	30.5	31.3
29	242	39.3	20.4	29.9	36.5	27.3	31.9	32.4	30.0	31.2
30	243	39.4	20.0	29.7	36.3	26.9	31.6	32.0	29.7	30.9
31	244	38.9	20.1	29.5	36.0	26.9	31.5	31.6	29.4	30.5
Mean		41.6	25.2	33.4	38.1	30.3	34.3	33.7	31.8	32.8
Abs.Max.		45.1	27.8	35.7	41.9	33.1	37.5	35.5	33.1	34.3
Abs.Min.		38.9	20.0	29.5	35.4	25.6	31.5	31.6	29.4	30.5

GHRERIFE

1987-1988 Season

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

**SUMMARY OF MONTHLY CLIMATIC DATA
GHRERIFE 1987-88 SEASON**

Month	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Wind Run km/d	Pan Evap. mm	Prec. mm
September							
Mean/Total	34.3	17.9	26.1	35.1	244.9	10.3	0.0
Abs. Max.	38.2	22.0	29.5	48.6	478.5	13.3	0.0
Abs. Min.	29.0	13.4	22.8	16.5	100.9	8.0	0.0
October							
Mean/Total	24.9	12.4	18.7	45.8	235.5	7.0	102.0
Abs. Max.	37.3	18.8	28.1	70.0	526.5	13.3	27.0
Abs. Min.	15.0	5.0	10.1	24.1	69.1	1.4	0.0
November							
Mean/Total	17.4	5.6	11.5	64.1	169.2	2.9	33.8
Abs. Max.	21.3	9.8	13.7	71.8	374.3	5.3	19.8
Abs. Min.	13.0	1.2	9.0	52.0	72.4	0.9	0.0
December							
Mean/Total	11.2	4.9	8.1	72.5	238.1	1.7	38.7
Abs. Max.	17.6	10.2	13.8	82.0	496.1	4.4	6.2
Abs. Min.	-1.4	-9.5	-5.5	49.8	87.9	0.3	0.0
January							
Mean/Total	9.9	2.7	6.3	75.1	215.4	1.3	76.2
Abs. Max.	15.3	7.1	10.3	83.3	554.0	3.5	13.6
Abs. Min.	5.0	-2.2	2.0	62.0	66.2	0.1	0.0
February							
Mean/Total	11.7	4.2	7.9	75.7	261.3	1.5	88.6
Abs. Max.	15.0	7.2	10.5	87.5	735.8	3.5	25.4
Abs. Min.	6.3	0.0	4.3	62.7	66.6	0.1	0.0
March							
Mean/Total	15.3	6.0	10.7	72.3	272.9	2.1	71.6
Abs. Max.	21.4	10.0	15.7	85.5	585.7	4.3	15.0
Abs. Min.	9.0	-1.4	4.8	64.5	110.7	0.1	0.0
April							
Mean/Total	21.9	10.1	16.0	68.0	200.5	3.5	19.6
Abs. Max.	28.8	17.0	22.8	81.5	380.4	7.7	10.0
Abs. Min.	16.7	3.5	10.9	57.1	91.6	0.1	0.0
May							
Mean/Total	30.6	14.3	22.5	52.8	246.2	8.0	7.0
Abs. Max.	40.0	20.2	30.1	78.4	460.5	14.4	4.0
Abs. Min.	17.6	8.0	12.9	34.5	119.6	2.0	0.0
June							
Mean/Total	33.2	17.6	25.4	42.1	301.0	11.9	4.2
Abs. Max.	39.4	23.1	31.3	56.0	446.3	16.6	2.0
Abs. Min.	24.8	13.4	19.1	29.9	130.5	4.4	0.0
July							
Mean/Total	37.2	20.8	29.0	39.2	301.9	12.0	0.0
Abs. Max.	40.4	23.5	32.0	55.5	483.5	13.1	0.0
Abs. Min.	33.0	18.5	25.8	28.6	153.5	10.0	0.0
August							
Mean/Total	36.4	20.2	28.3	44.3	298.3	12.3	0.0
Abs. Max.	39.8	24.0	30.5	54.8	575.5	17.0	0.0
Abs. Min.	33.0	15.0	24.0	34.0	52.7	8.9	0.0
Season							
Mean/Total	23.7	11.4	17.5	57.2	248.8	6.2	441.7
Abs. Max.	40.4	24.0	32.0	87.5	735.8	17.0	27.0
Abs. Min.	-1.4	-9.5	-5.5	16.5	52.7	0.1	0.0

**SUMMARY OF WEEKLY CLIMATIC DATA
GHRERIFE 1987-88 SEASON**

Week	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Wind Run km/d	Pan Evap. mm	Prec. mm
3 Sep- 9 Sep	35.7	20.1	27.9	38.8	265.2	9.5	0.0
10 Sep-16 Sep	34.4	18.0	26.2	33.6	295.1	10.9	0.0
17 Sep-23 Sep	32.6	16.3	24.4	29.1	228.9	10.4	0.0
24 Sep-30 Sep	33.7	16.5	25.1	37.6	200.2	10.0	0.0
1 Oct- 7 Oct	29.4	13.6	21.5	33.3	249.4	9.6	0.0
8 Oct-14 Oct	29.4	11.8	20.7	28.3	232.8	10.6	0.0
15 Oct-21 Oct	26.0	14.9	20.5	50.3	255.8	6.2	45.0
22 Oct-28 Oct	19.0	11.9	15.5	64.6	180.9	3.2	57.0
29 Oct- 4 Nov	15.8	7.1	11.4	63.3	273.2	2.7	19.8
5 Nov-11 Nov	15.0	5.9	10.5	63.8	178.0	3.8	14.0
12 Nov-18 Nov	19.1	5.6	12.3	63.7	161.9	3.3	0.0
19 Nov-25 Nov	19.3	6.3	12.8	66.7	120.5	2.0	0.0
26 Nov- 2 Dec	16.4	2.3	9.4	59.7	207.7	2.8	0.0
3 Dec- 9 Dec	12.3	5.7	9.0	68.9	235.7	1.5	9.5
10 Dec-16 Dec	12.3	8.3	10.3	77.5	252.5	1.6	10.0
17 Dec-23 Dec	13.3	8.5	10.9	75.5	228.2	2.0	8.0
24 Dec-31 Dec	6.5	-1.0	2.7	72.9	215.0	1.6	11.2
1 Jan- 7 Jan	8.0	0.6	4.3	75.0	231.3	1.0	12.0
8 Jan-14 Jan	10.8	2.0	6.4	73.9	209.5	2.5	13.0
15 Jan-21 Jan	8.6	2.3	5.5	73.0	212.8	0.4	12.2
22 Jan-28 Jan	10.5	4.5	7.5	78.4	233.5	1.1	36.6
29 Jan- 4 Feb	13.2	4.5	8.8	75.1	177.4	1.5	8.4
5 Feb-11 Feb	12.3	2.9	7.6	71.8	234.3	2.3	0.0
12 Feb-18 Feb	10.9	5.6	8.3	78.6	315.9	1.4	51.6
19 Feb-25 Feb	11.0	3.3	7.1	74.9	242.0	0.8	12.0
26 Feb- 4 Mar	13.4	5.6	9.5	73.6	368.4	1.7	25.8
5 Mar-11 Mar	11.5	5.3	8.4	76.9	347.1	1.5	34.0
12 Mar-18 Mar	16.3	6.1	11.2	71.9	224.1	2.1	9.2
19 Mar-25 Mar	16.5	6.9	11.7	71.5	195.1	2.3	21.6
26 Mar- 1 Apr	17.9	5.7	11.8	69.6	219.3	2.8	0.0
2 Apr- 8 Apr	20.0	8.3	14.2	65.9	140.1	2.9	0.0
9 Apr-15 Apr	21.9	11.4	16.6	72.7	250.7	2.0	14.0
16 Apr-22 Apr	19.8	8.9	14.4	71.2	210.3	3.8	5.6
23 Apr-29 Apr	25.7	12.5	19.1	63.7	203.4	4.9	0.0
30 Apr- 6 May	25.0	10.5	17.8	63.2	181.2	3.6	4.0
7 May-13 May	29.9	12.9	21.4	51.1	200.4	5.3	0.0
14 May-20 May	35.9	17.4	26.7	46.4	233.7	11.9	3.0
21 May-27 May	30.6	15.7	23.1	52.9	366.0	9.2	0.0
28 May- 3 Jun	32.1	16.0	24.1	49.8	242.3	10.7	0.0
4 Jun-10 Jun	35.1	17.5	26.3	42.2	259.4	11.0	0.0
11 Jun-17 Jun	33.2	17.8	25.5	44.1	309.7	11.8	2.2
18 Jun-24 Jun	30.4	16.6	23.5	43.8	337.4	12.8	2.0
25 Jun- 1 Jul	34.2	18.7	26.4	35.9	331.7	11.9	0.0
2 Jul- 8 Jul	38.0	21.4	29.7	33.5	270.7	11.8	0.0
9 Jul-15 Jul	37.7	20.5	29.1	37.9	266.3	12.4	0.0
16 Jul-22 Jul	36.7	20.8	28.7	46.8	387.9	11.6	0.0
23 Jul-29 Jul	37.4	20.8	29.1	37.3	279.2	12.4	0.0
30 Jul- 5 Aug	36.0	22.2	29.1	44.2	284.8	12.7	0.0
6 Aug-12 Aug	37.1	20.7	28.9	44.8	367.9	13.3	0.0
13 Aug-19 Aug	36.5	20.9	28.7	45.6	287.4	12.9	0.0
20 Aug-26 Aug	37.7	19.3	28.5	43.6	270.9	11.1	0.0
27 Aug- 2 Sep	33.8	17.6	25.7	41.1	253.0	10.8	0.0

GHRERIFE - DAILY CLIMATIC DATA
SEPTEMBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Wind Run km/d	Pan Evap. mm	Prec. mm
1	245	36.6	20.2	28.4	39.5	209.9	12.4	0.0
2	246	37.0	19.9	28.5	39.0	209.9	11.5	0.0
3	247	37.5	19.5	28.5	31.8	193.9	9.7	0.0
4	248	37.0	19.4	28.2	35.7	348.8	10.6	0.0
5	249	32.6	22.0	27.3	46.5	424.6	9.7	0.0
6	250	34.0	18.8	26.4	43.4	234.9	8.0	0.0
7	251	35.0	18.7	26.9	38.7	128.4	10.6	0.0
8	252	38.2	20.8	29.5	31.4	180.7	8.8	0.0
9	253	35.4	21.8	28.6	44.2	345.2	8.8	0.0
10	254	32.8	19.6	26.2	46.6	361.2	11.9	0.0
11	255	34.0	18.0	26.0	42.1	339.2	9.7	0.0
12	256	33.2	18.2	25.7	43.0	478.5	10.6	0.0
13	257	32.9	19.1	26.0	36.5	377.8	11.5	0.0
14	258	34.8	15.8	25.3	29.1	140.7	8.8	0.0
15	259	36.0	18.0	27.0	21.2	100.9	11.9	0.0
16	260	37.0	17.2	27.1	16.5	267.7	11.9	0.0
17	261	35.8	19.0	27.4	28.6	224.9	13.3	0.0
18	262	32.3	18.0	25.2	29.0	327.7	10.6	0.0
19	263	31.8	15.0	23.4	18.3	148.8	8.8	0.0
20	264	32.2	13.4	22.8	26.5	186.4	8.0	0.0
21	265	33.0	15.2	24.1	31.5	230.3	9.7	0.0
22	266	34.0	16.5	25.3	36.0	313.1	8.8	0.0
23	267	29.0	16.8	22.9	34.0	171.2	13.3	0.0
24	268	32.4	15.0	23.7	25.5	122.4	8.8	0.0
25	269	34.4	16.0	25.2	29.5	150.1	8.0	0.0
26	270	33.0	18.0	25.5	48.6	365.8	11.5	0.0
27	271	33.2	17.8	25.5	43.8	330.5	12.4	0.0
28	272	33.0	15.9	24.5	46.0	167.3	8.8	0.0
29	273	33.8	16.6	25.2	41.7	137.7	9.7	0.0
30	274	35.9	16.0	26.0	28.0	127.3	10.6	0.0
Mean/Total		34.3	17.9	26.1	35.1	244.9	10.3	0.0
Abs. Max.		38.2	22.0	29.5	48.6	478.5	13.3	0.0
Abs. Min.		29.0	13.4	22.8	16.5	100.9	8.0	0.0

**GHRERIFE - DAILY SOIL TEMPERATURE
SEPTEMBER 1987**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	245	37.6	29.0	33.3	32.1	28.0	30.1	30.9	29.0	30.0
2	246	38.0	28.1	33.1	32.8	28.0	30.4	31.0	28.6	29.8
3	247	39.0	28.3	33.7	33.2	28.0	30.6	31.4	29.0	30.2
4	248	38.0	29.2	33.6	33.0	28.7	30.9	31.2	29.2	30.2
5	249	36.0	30.2	33.1	31.6	29.0	30.3	31.0	29.5	30.3
6	250	37.0	28.0	32.5	32.0	27.5	29.8	30.5	28.3	29.4
7	251	38.1	28.0	33.1	32.7	27.9	30.3	31.0	28.4	29.7
8	252	39.0	29.0	34.0	33.2	28.0	30.6	31.3	28.9	30.1
9	253	38.0	30.0	34.0	33.0	29.0	31.0	31.3	29.7	30.5
10	254	38.8	29.0	33.9	32.0	28.2	30.1	31.1	29.0	30.1
11	255	38.0	30.0	34.0	31.3	27.7	29.5	30.4	28.8	29.6
12	256	37.0	29.8	33.4	30.8	27.2	29.0	30.0	28.0	29.0
13	257	36.5	30.1	33.3	30.0	27.2	28.6	29.5	28.0	28.8
14	258	38.0	27.2	32.6	30.6	25.0	27.8	29.0	26.4	27.7
15	259	39.0	28.6	33.8	31.2	26.0	28.6	29.6	27.0	28.3
16	260	38.9	29.0	34.0	31.2	26.5	28.9	29.8	27.4	28.6
17	261	39.0	27.5	33.3	31.2	27.0	29.1	30.0	27.8	28.9
18	262	37.4	29.0	33.2	30.8	26.4	28.6	29.6	27.6	28.6
19	263	37.8	28.0	32.9	30.4	26.0	28.2	29.0	27.0	28.0
20	264	37.0	26.4	31.7	30.0	25.0	27.5	28.5	26.1	27.3
21	265	36.8	27.0	31.9	30.0	25.2	27.6	28.3	26.3	27.3
22	266	37.0	27.8	32.4	30.0	25.6	27.8	28.6	26.5	27.6
23	267	36.8	28.0	32.4	29.8	26.0	27.9	28.3	26.7	27.5
24	268	33.8	27.0	30.4	31.3	25.0	28.2	29.8	26.0	27.9
25	269	33.8	24.6	29.2	31.4	27.0	29.2	30.0	27.8	28.9
26	270	32.2	25.2	28.7	30.8	27.5	29.2	29.6	28.0	28.8
27	271	32.2	24.8	28.5	30.6	27.0	28.8	29.3	27.9	28.6
28	272	33.5	24.1	28.8	31.0	27.0	29.0	29.8	27.5	28.7
29	273	34.0	25.0	29.5	31.6	27.0	29.3	30.0	27.8	28.9
30	274	34.2	24.7	29.5	32.0	27.0	29.5	30.0	27.8	28.9
Mean		36.7	27.8	32.3	31.4	27.0	29.2	30.0	27.9	28.9
Abs.Max.		39.0	30.2	34.0	33.2	29.0	31.0	31.4	29.7	30.5
Abs.Min.		32.2	24.1	28.5	29.8	25.0	27.5	28.3	26.0	27.3

GHRERIFE - DAILY CLIMATIC DATA
OCTOBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Wind Run km/d	Pan Evap. mm	Prec. mm
1	275	37.2	17.4	27.3	26.7	148.5	8.8	0.0
2	276	37.3	18.8	28.1	32.4	287.4	9.7	0.0
3	277	33.2	18.4	25.8	50.4	526.5	10.6	0.0
4	278	22.8	14.8	18.8	35.6	395.2	11.5	0.0
5	279	24.0	9.0	16.5	29.1	120.1	8.8	0.0
6	280	25.0	8.0	16.5	29.1	125.4	8.0	0.0
7	281	26.0	9.0	17.5	29.6	142.5	9.7	0.0
8	282	27.8	10.8	19.3	32.5	197.3	8.0	0.0
9	283	28.0	11.8	19.9	32.7	154.3	9.7	0.0
10	284	29.0	11.5	20.3	27.5	194.0	10.6	0.0
11	285	29.3	12.0	20.7	28.0	274.6	11.5	0.0
12	286	30.0	12.8	21.4	26.8	298.8	12.4	0.0
13	287	30.3	12.0	21.2	24.1	225.1	13.3	0.0
14	288	31.6	12.0	21.8	26.5	285.5	8.8	0.0
15	289	30.0	16.0	23.0	39.6	356.1	8.8	0.0
16	290	30.6	15.5	23.1	43.1	308.0	10.6	0.0
17	291	28.5	17.0	22.8	52.0	482.0	10.9	18.0
18	292	20.0	15.0	17.5	61.9	195.0	1.8	0.0
19	293	23.0	15.0	19.0	54.6	100.9	2.7	0.0
20	294	24.4	13.1	18.8	51.0	119.9	5.3	0.0
21	295	25.2	13.0	19.1	49.6	228.9	3.1	27.0
22	296	18.0	14.6	16.3	69.0	254.4	1.8	0.0
23	297	18.5	14.5	16.5	70.0	168.3	1.7	7.0
24	298	18.2	13.8	16.0	68.0	169.1	7.4	18.0
25	299	20.0	12.5	16.3	64.0	205.6	3.5	0.0
26	300	20.0	9.1	14.6	57.5	69.1	2.7	0.0
27	301	20.5	8.2	14.4	55.5	217.4	1.4	12.0
28	302	17.5	10.7	14.1	68.0	182.6	4.1	20.0
29	303	16.0	7.6	11.8	58.0	207.2	3.5	0.0
30	304	15.0	6.0	10.5	64.5	180.7	2.7	0.0
31	305	15.2	5.0	10.1	63.0	478.8	4.4	0.0
Mean/Total		24.9	12.4	18.7	45.8	235.5	7.0	102.0
Abs. Max.		37.3	18.8	28.1	70.0	526.5	13.3	27.0
Abs. Min.		15.0	5.0	10.1	24.1	69.1	1.4	0.0

**GHRERIFE - DAILY SOIL TEMPERATURE
OCTOBER 1987**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	275	34.2	25.2	29.7	32.0	27.5	29.8	30.5	28.0	29.3
2	276	33.8	26.0	29.9	31.8	28.0	29.9	30.2	28.5	29.4
3	277	32.0	25.2	28.6	30.8	27.8	29.3	30.0	28.1	29.1
4	278	29.2	24.0	26.6	29.7	26.3	28.0	29.2	27.0	28.1
5	279	29.0	21.0	25.0	27.2	23.8	25.5	27.1	25.0	26.1
6	280	28.6	19.0	23.8	26.8	22.2	24.5	26.0	24.0	25.0
7	281	28.8	19.0	23.9	26.8	22.1	24.5	25.9	23.7	24.8
8	282	30.8	19.4	25.1	26.0	22.0	24.0	25.5	23.7	24.6
9	283	31.3	20.1	25.7	26.3	21.3	23.8	24.9	22.7	23.8
10	284	31.3	20.2	25.8	26.3	21.6	24.0	25.0	22.9	24.0
11	285	31.4	21.0	26.2	26.8	22.0	24.4	25.0	23.0	24.0
12	286	31.5	22.1	26.8	27.0	22.8	24.9	25.2	23.2	24.2
13	287	31.1	22.0	26.6	26.8	22.9	24.9	25.1	23.5	24.3
14	288	31.0	21.6	26.3	26.8	22.1	24.5	25.0	23.0	24.0
15	289	31.3	23.3	27.3	28.0	23.6	25.8	26.0	24.8	25.4
16	290	31.2	24.0	27.6	28.2	25.0	26.6	26.1	25.0	25.6
17	291	29.8	23.9	26.9	27.2	25.0	26.1	26.0	24.8	25.4
18	292	26.0	21.2	23.6	26.0	23.0	24.5	25.2	23.2	24.2
19	293	27.0	20.0	23.5	25.0	21.8	23.4	23.5	22.0	22.8
20	294	28.2	18.2	23.2	25.4	21.0	23.2	23.8	21.6	22.7
21	295	28.0	19.0	23.5	25.4	21.0	23.2	23.9	21.9	22.9
22	296	21.5	19.0	20.3	19.0	16.0	17.5	23.5	21.5	22.5
23	297	21.0	17.4	19.2	18.0	16.0	17.0	21.3	20.1	20.7
24	298	20.0	17.4	18.7	16.8	15.1	16.0	20.4	19.0	19.7
25	299	21.3	16.9	19.1	17.2	15.0	16.1	19.8	18.5	19.2
26	300	20.8	15.0	17.9	16.2	13.5	14.9	19.2	17.5	18.4
27	301	19.1	13.5	16.3	15.1	12.1	13.6	18.2	16.2	17.2
28	302	17.0	15.0	16.0	14.3	13.0	13.7	17.6	16.6	17.1
29	303	18.4	12.6	15.5	14.2	11.0	12.6	16.8	15.0	15.9
30	304	16.3	12.4	14.4	13.0	11.0	12.0	16.2	14.9	15.6
31	305	16.8	11.0	13.9	12.9	10.0	11.5	15.2	14.0	14.6
Mean		26.7	19.5	23.1	23.6	20.2	21.9	23.8	22.0	22.9
Abs.Max.		34.2	26.0	29.9	32.0	28.0	29.9	30.5	28.5	29.4
Abs.Min.		16.3	11.0	13.9	12.9	10.0	11.5	15.2	14.0	14.6

GHRERIFE - DAILY CLIMATIC DATA
NOVEMBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Wind Run km/d	Pan Evap. mm	Prec. mm
1	306	13.0	9.8	11.4	71.5	264.6	1.2	19.8
2	307	17.8	9.3	13.6	64.9	374.3	0.9	0.0
3	308	16.6	6.0	11.3	58.9	146.6	3.5	0.0
4	309	17.0	5.7	11.4	62.0	260.2	2.7	0.0
5	310	15.0	8.4	11.7	68.5	243.3	2.5	6.0
6	311	13.8	9.2	11.5	70.0	177.4	4.5	8.0
7	312	14.0	5.0	9.5	56.2	253.4	2.7	0.0
8	313	15.0	3.7	9.4	60.5	148.6	3.5	0.0
9	314	15.6	7.0	11.3	62.0	120.8	3.5	0.0
10	315	16.0	4.5	10.3	63.0	125.4	4.4	0.0
11	316	15.6	3.8	9.7	66.2	177.0	5.3	0.0
12	317	16.8	5.0	10.9	64.6	285.0	3.5	0.0
13	318	18.0	5.0	11.5	62.8	250.5	4.4	0.0
14	319	19.0	7.0	13.0	63.0	114.3	4.4	0.0
15	320	21.3	6.0	13.7	63.5	117.7	3.5	0.0
16	321	20.4	5.2	12.8	64.0	125.1	2.7	0.0
17	322	19.2	4.7	12.0	64.3	134.5	1.8	0.0
18	323	19.0	6.0	12.5	63.5	106.2	2.7	0.0
19	324	19.3	6.0	12.7	66.8	115.7	1.8	0.0
20	325	18.0	6.7	12.4	71.8	122.2	2.7	0.0
21	326	19.0	8.0	13.5	67.5	131.7	0.9	0.0
22	327	19.0	8.0	13.5	68.7	158.0	1.8	0.0
23	328	20.0	6.0	13.0	63.0	114.6	2.7	0.0
24	329	19.5	5.0	12.3	66.0	96.9	1.8	0.0
25	330	20.0	4.4	12.2	63.0	104.5	2.7	0.0
26	331	17.2	4.0	10.6	64.5	85.3	1.8	0.0
27	332	17.7	2.5	10.1	65.0	89.3	2.7	0.0
28	333	15.0	3.2	9.1	66.4	72.4	1.8	0.0
29	334	17.3	2.9	10.1	59.3	293.6	4.4	0.0
30	335	16.8	1.2	9.0	52.0	267.9	3.5	0.0
Mean/Total		17.4	5.6	11.5	64.1	169.2	2.9	33.8
Abs. Max.		21.3	9.8	13.7	71.8	374.3	5.3	19.8
Abs. Min.		13.0	1.2	9.0	52.0	72.4	0.9	0.0

**GHRERIFE - DAILY SOIL TEMPERATURE
NOVEMBER 1987**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	306	15.0	13.2	14.1	12.0	11.0	11.5	15.1	14.6	14.9
2	307	16.1	13.5	14.8	12.6	11.0	11.8	15.1	14.2	14.7
3	308	17.3	11.1	14.2	12.9	9.7	11.3	15.0	13.2	14.1
4	309	17.8	11.6	14.7	13.0	10.0	11.5	15.3	13.5	14.4
5	310	17.0	12.6	14.8	15.0	10.4	12.7	15.0	14.0	14.5
6	311	15.0	13.1	14.1	14.5	13.2	13.9	15.0	14.2	14.6
7	312	15.5	12.0	13.8	13.9	12.0	13.0	14.0	13.2	13.6
8	313	16.0	9.0	12.5	13.8	10.0	11.9	13.7	11.9	12.8
9	314	17.0	10.5	13.8	14.5	11.9	13.2	14.2	12.9	13.6
10	315	17.0	10.6	13.8	14.2	11.0	12.6	14.0	12.6	13.3
11	316	16.3	10.7	13.5	14.0	11.0	12.5	14.0	12.5	13.3
12	317	16.8	11.0	13.9	14.3	11.4	12.9	14.0	12.8	13.4
13	318	16.5	11.0	13.8	14.4	11.6	13.0	14.1	12.8	13.5
14	319	17.8	11.6	14.7	15.1	12.0	13.6	14.8	13.0	13.9
15	320	18.2	11.6	14.9	15.8	12.2	14.0	15.0	13.2	14.1
16	321	18.0	11.5	14.8	15.6	12.2	13.9	15.0	13.2	14.1
17	322	17.5	11.5	14.5	15.0	12.2	13.6	14.7	13.2	14.0
18	323	17.8	12.0	14.9	15.3	12.5	13.9	15.0	13.3	14.2
19	324	17.3	11.3	14.3	15.0	12.0	13.5	14.7	13.1	13.9
20	325	17.0	12.0	14.5	14.9	12.1	13.5	14.5	13.3	13.9
21	326	17.0	12.0	14.5	15.0	12.2	13.6	14.8	13.3	14.1
22	327	18.2	13.0	15.6	15.9	13.0	14.5	15.2	14.0	14.6
23	328	17.9	12.3	15.1	15.3	13.0	14.2	15.0	13.9	14.5
24	329	17.8	11.9	14.9	15.0	12.3	13.7	14.8	13.4	14.1
25	330	17.0	11.0	14.0	14.5	12.0	13.3	14.2	13.0	13.6
26	331	16.0	10.5	13.3	12.9	11.1	12.0	13.0	12.0	12.5
27	332	16.0	10.0	13.0	12.6	9.8	11.2	12.8	11.3	12.1
28	333	14.6	10.1	12.4	11.8	9.8	10.8	12.2	11.0	11.6
29	334	15.6	10.0	12.8	12.0	9.6	10.8	12.0	11.0	11.5
30	335	14.9	9.5	12.2	11.4	9.0	10.2	11.8	10.7	11.3
Mean		16.7	11.4	14.1	14.1	11.4	12.7	14.3	12.9	13.6
Abs.Max.		18.2	13.5	15.6	15.9	13.2	14.5	15.3	14.6	14.9
Abs.Min.		14.6	9.0	12.2	11.4	9.0	10.2	11.8	10.7	11.3

GHRERIFE - DAILY CLIMATIC DATA
DECEMBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Wind Run km/d	Pan Evap. mm	Prec. mm
1	336	15.0	0.2	7.6	52.0	322.6	2.7	0.0
2	337	15.8	2.1	9.0	58.6	322.6	2.7	0.0
3	338	17.6	9.9	13.8	49.8	496.1	4.4	0.0
4	339	10.5	7.9	9.2	67.4	92.6	0.6	5.0
5	340	10.8	3.8	7.3	76.8	201.4	1.1	2.0
6	341	12.0	2.9	7.5	65.5	181.4	0.9	0.0
7	342	14.9	1.9	8.4	65.8	255.9	1.2	2.5
8	343	9.2	6.6	7.9	80.5	282.7	1.8	0.0
9	344	11.0	6.8	8.9	76.5	139.8	0.9	0.0
10	345	10.3	7.7	9.0	82.0	211.9	0.9	0.0
11	346	12.8	6.9	9.9	76.2	127.5	1.5	5.0
12	347	12.1	8.2	10.2	78.0	189.3	1.5	5.0
13	348	14.0	9.4	11.7	75.0	189.3	1.8	0.0
14	349	12.7	8.0	10.4	76.7	160.6	0.9	0.0
15	350	11.0	9.0	10.0	79.2	421.5	1.8	0.0
16	351	13.0	9.0	11.0	75.6	467.4	2.7	0.0
17	352	12.9	7.5	10.2	77.5	284.0	1.8	0.0
18	353	12.5	8.8	10.7	79.3	148.4	2.7	3.0
19	354	13.5	10.0	11.8	77.5	129.8	2.7	0.0
20	355	14.3	8.3	11.3	76.2	191.2	1.8	2.0
21	356	15.3	10.2	12.8	68.9	430.0	2.7	0.0
22	357	13.9	8.4	11.2	72.3	311.3	0.9	1.0
23	358	10.5	6.3	8.4	77.0	102.7	1.8	2.0
24	359	10.8	4.8	7.8	76.0	408.1	2.1	3.0
25	360	8.2	2.2	5.2	64.2	365.7	3.5	0.0
26	361	5.3	1.7	3.5	64.0	337.3	2.7	0.0
27	362	3.2	-8.0	-2.4	73.7	129.0	0.6	0.0
28	363	-1.4	-9.5	-5.5	80.0	92.8	0.6	0.0
29	364	4.6	-3.4	0.6	82.0	87.9	0.6	6.2
30	365	10.3	2.9	6.6	74.0	135.3	2.7	0.0
31	366	11.0	1.0	6.0	69.0	164.2	0.3	2.0
Mean/Total		11.2	4.9	8.1	72.5	238.1	1.7	38.7
Abs. Max.		17.6	10.2	13.8	82.0	496.1	4.4	6.2
Abs. Min.		-1.4	-9.5	-5.5	49.8	87.9	0.3	0.0

**GHRERIFE - DAILY SOIL TEMPERATURE
DECEMBER 1987**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	336	13.1	9.0	11.1	10.4	8.4	9.4	11.1	10.0	10.6
2	337	14.1	9.3	11.7	11.0	8.8	9.9	11.4	10.0	10.7
3	338	16.0	12.0	14.0	12.9	10.5	11.7	12.7	11.3	12.0
4	339	14.0	12.5	13.3	12.1	11.0	11.6	12.5	11.9	12.2
5	340	14.0	10.5	12.3	11.2	10.0	10.6	11.8	11.2	11.5
6	341	13.3	9.5	11.4	10.4	8.8	9.6	11.1	10.1	10.6
7	342	13.7	8.0	10.9	10.7	7.7	9.2	11.0	9.2	10.1
8	343	12.6	11.2	11.9	10.5	10.0	10.3	11.0	10.9	11.0
9	344	13.7	11.0	12.4	11.0	9.4	10.2	11.2	10.5	10.9
10	345	12.2	10.4	11.3	11.0	10.0	10.5	11.7	11.0	11.4
11	346	13.5	10.0	11.8	12.0	10.0	11.0	12.0	11.2	11.6
12	347	13.0	10.4	11.7	12.0	10.8	11.4	12.2	11.7	12.0
13	348	15.8	10.8	13.3	13.5	11.3	12.4	13.0	12.0	12.5
14	349	15.4	10.1	12.8	13.1	10.7	11.9	12.8	12.0	12.4
15	350	13.2	10.2	11.7	12.2	11.0	11.6	12.4	12.0	12.2
16	351	13.9	10.9	12.4	12.4	11.0	11.7	12.5	12.0	12.3
17	352	14.5	11.0	12.8	11.5	11.0	11.3	12.0	11.0	11.5
18	353	13.5	12.0	12.8	11.0	10.0	10.5	11.5	11.0	11.3
19	354	15.1	12.9	14.0	12.0	11.0	11.5	12.1	11.5	11.8
20	355	15.5	12.8	14.2	12.4	11.0	11.7	12.5	11.9	12.2
21	356	15.2	13.0	14.1	12.3	11.2	11.8	12.4	12.0	12.2
22	357	13.8	12.0	12.9	11.1	10.8	10.9	12.0	11.5	11.8
23	358	13.0	11.5	12.3	10.5	10.0	10.3	11.3	10.9	11.1
24	359	12.9	10.1	11.5	10.1	9.0	9.6	11.0	10.1	10.6
25	360	10.8	8.4	9.6	9.0	7.2	8.1	10.0	8.9	9.5
26	361	9.2	7.4	8.3	7.2	6.2	6.7	8.8	8.0	8.4
27	362	8.2	6.0	7.1	6.5	4.5	5.5	8.0	6.3	7.2
28	363	6.0	5.4	5.7	4.5	4.0	4.3	6.2	5.6	5.9
29	364	6.4	5.0	5.7	4.1	3.8	4.0	5.8	5.2	5.5
30	365	10.0	6.3	8.2	6.4	4.2	5.3	7.0	5.8	6.4
31	366	10.0	6.0	8.0	7.0	4.5	5.8	7.3	6.0	6.7
Mean		12.8	9.9	11.3	10.4	9.0	9.7	10.9	10.1	10.5
Abs.Max.		16.0	13.0	14.2	13.5	11.3	12.4	13.0	12.0	12.5
Abs.Min.		6.0	5.0	5.7	4.1	3.8	4.0	5.8	5.2	5.5

GHRERIFE - DAILY CLIMATIC DATA
JANUARY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Wind Run km/d	Pan Evap. mm	Prec. mm
1	1	5.9	-2.0	2.0	77.1	206.6	0.6	0.0
2	2	6.7	-2.2	2.3	77.0	201.6	0.6	0.0
3	3	8.0	-1.0	3.5	69.5	168.0	0.6	0.0
4	4	5.0	2.7	3.9	77.1	554.0	1.5	12.0
5	5	6.4	4.2	5.3	82.0	256.8	0.9	0.0
6	6	10.3	0.7	5.5	76.0	110.5	0.9	0.0
7	7	13.8	2.0	7.9	66.2	121.5	1.8	0.0
8	8	14.7	-1.0	6.9	70.5	92.5	2.6	0.0
9	9	12.0	0.5	6.3	79.9	80.6	0.9	0.0
10	10	12.8	-.4	6.2	65.0	338.0	1.8	0.0
11	11	7.9	3.3	5.6	78.5	268.7	3.5	7.0
12	12	7.8	3.0	5.4	78.6	158.7	3.4	6.0
13	13	13.0	5.0	9.0	73.4	227.0	2.6	0.0
14	14	7.5	3.9	5.7	71.6	300.8	2.6	0.0
15	15	5.0	1.8	3.4	77.5	278.9	0.1	1.0
16	16	7.0	2.0	4.5	72.5	174.6	0.5	4.0
17	17	7.0	0.3	3.7	72.6	211.5	0.4	3.0
18	18	11.9	1.0	6.5	62.0	243.8	0.2	0.0
19	19	13.0	3.1	8.1	70.4	144.5	0.2	1.2
20	20	9.0	5.0	7.0	78.7	236.1	0.4	3.0
21	21	7.4	3.0	5.2	77.5	200.4	0.9	0.0
22	22	7.2	4.4	5.8	73.5	345.3	0.4	3.0
23	23	8.5	3.9	6.2	78.4	265.0	1.0	8.0
24	24	9.2	4.4	6.8	79.3	259.7	3.1	13.6
25	25	10.2	4.7	7.5	82.5	106.5	0.6	3.0
26	26	13.8	4.8	9.3	74.0	187.7	0.9	0.0
27	27	13.0	7.1	10.1	83.3	264.4	1.2	9.0
28	28	11.4	2.0	6.7	77.5	205.6	0.9	0.0
29	29	13.5	6.7	10.1	69.5	66.2	2.6	0.0
30	30	13.4	4.3	8.9	80.3	138.4	1.3	0.0
31	31	15.3	5.3	10.3	75.1	264.6	0.2	2.4
Mean/Total		9.9	2.7	6.3	75.1	215.4	1.3	76.2
Abs. Max.		15.3	7.1	10.3	83.3	554.0	3.5	13.6
Abs. Min.		5.0	-2.2	2.0	62.0	66.2	0.1	0.0

**GHRERIFE - DAILY SOIL TEMPERATURE
JANUARY 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	1	8.2	5.0	6.6	6.0	4.0	5.0	7.0	5.8	6.4
2	2	7.8	5.0	6.4	5.0	3.8	4.4	6.0	5.2	5.6
3	3	8.0	4.8	6.4	4.9	3.3	4.1	5.8	5.0	5.4
4	4	6.9	5.4	6.2	4.3	3.8	4.1	5.6	5.0	5.3
5	5	7.2	6.0	6.6	5.0	4.0	4.5	6.0	5.1	5.6
6	6	9.9	6.2	8.1	6.3	4.0	5.2	7.2	6.2	6.7
7	7	11.7	6.2	9.0	9.0	4.9	7.0	7.6	6.2	6.9
8	8	12.3	7.1	9.7	9.5	6.9	8.2	8.0	6.6	7.3
9	9	12.3	8.0	10.2	9.9	7.3	8.6	8.2	7.0	7.6
10	10	12.8	8.8	10.8	10.0	8.0	9.0	8.5	7.3	7.9
11	11	10.0	8.8	9.4	9.0	8.0	8.5	7.9	7.1	7.5
12	12	11.2	9.0	10.1	9.8	8.2	9.0	8.2	7.6	7.9
13	13	12.0	9.0	10.5	10.1	8.1	9.1	8.7	7.5	8.1
14	14	11.4	9.8	10.6	10.0	9.0	9.5	8.4	8.0	8.2
15	15	10.0	8.8	9.4	9.0	8.0	8.5	8.0	7.0	7.5
16	16	11.6	8.8	10.2	9.2	8.0	8.6	8.0	7.0	7.5
17	17	10.0	8.0	9.0	8.2	7.6	7.9	7.2	7.0	7.1
18	18	11.0	7.1	9.1	8.6	6.6	7.6	7.3	6.1	6.7
19	19	12.0	7.0	9.5	9.0	6.7	7.9	7.8	6.2	7.0
20	20	11.4	9.1	10.3	9.2	8.0	8.6	8.0	7.0	7.5
21	21	11.2	9.1	10.2	9.2	8.0	8.6	8.0	7.4	7.7
22	22	11.5	9.1	10.3	9.3	8.0	8.7	8.0	7.4	7.7
23	23	10.8	9.8	10.3	9.0	8.3	8.7	8.0	7.8	7.9
24	24	11.0	9.9	10.5	9.2	8.2	8.7	8.1	7.8	8.0
25	25	11.0	8.5	9.8	11.0	9.0	10.0	9.2	8.0	8.6
26	26	11.8	8.5	10.2	11.6	10.0	10.8	9.9	8.9	9.4
27	27	10.4	8.5	9.5	11.0	10.0	10.5	9.7	8.9	9.3
28	28	11.7	7.5	9.6	12.0	9.7	10.9	10.0	8.9	9.5
29	29	11.7	7.5	9.6	11.5	9.7	10.6	9.9	8.7	9.3
30	30	11.3	8.9	10.1	12.0	10.2	11.1	10.0	9.0	9.5
31	31	12.0	9.1	10.6	12.5	10.9	11.7	10.7	9.7	10.2
Mean		10.7	7.9	9.3	9.0	7.4	8.2	8.1	7.2	7.6
Abs.Max.		12.8	9.9	10.8	12.5	10.9	11.7	10.7	9.7	10.2
Abs.Min.		6.9	4.8	6.2	4.3	3.3	4.1	5.6	5.0	5.3

GHRERIFE - DAILY CLIMATIC DATA
FEBRUARY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Wind Run km/d	Pan Evap. mm	Prec. mm
1	32	12.0	6.0	9.0	81.4	265.5	0.8	6.0
2	33	10.4	3.0	6.7	78.1	120.3	1.0	0.0
3	34	13.8	6.0	9.9	72.0	145.8	2.6	0.0
4	35	14.0	0.0	7.0	69.3	241.3	1.8	0.0
5	36	11.2	1.2	6.2	69.5	167.8	3.5	0.0
6	37	10.5	4.3	7.4	70.5	735.8	2.6	0.0
7	38	8.0	2.0	5.0	79.0	230.5	1.8	0.0
8	39	12.8	0.6	6.7	65.5	116.0	1.8	0.0
9	40	15.0	3.3	9.2	72.0	179.4	1.6	0.0
10	41	13.5	6.3	9.9	72.6	143.9	2.6	0.0
11	42	15.0	2.9	9.0	73.4	66.6	2.5	0.0
12	43	13.7	4.0	8.9	78.1	412.8	1.8	0.0
13	44	9.3	7.0	8.8	82.5	431.0	0.3	4.0
14	45	13.0	7.2	10.1	74.4	437.5	0.1	0.8
15	46	10.8	6.4	8.6	83.5	440.2	3.4	25.4
16	47	6.3	2.6	4.5	84.7	175.0	1.8	10.0
17	48	12.0	6.0	9.0	69.5	132.3	0.9	0.0
18	49	11.0	5.7	8.4	77.5	182.7	1.8	11.4
19	50	11.2	6.1	8.7	79.0	173.9	0.8	6.0
20	51	12.3	2.9	7.6	78.0	207.6	0.9	0.0
21	52	14.9	6.0	10.5	74.8	226.2	0.1	1.0
22	53	12.0	4.0	8.0	80.0	222.9	0.4	3.0
23	54	8.0	1.2	4.6	77.6	286.2	0.3	2.0
24	55	8.0	0.6	4.3	72.0	206.0	0.9	0.0
25	56	10.4	2.0	6.2	62.7	370.9	2.2	0.0
26	57	11.0	6.0	8.5	72.4	558.8	2.7	0.0
27	58	12.2	6.1	9.2	77.5	377.7	0.1	1.0
28	59	12.0	7.0	9.5	87.5	116.7	1.6	13.0
29	60	13.8	4.4	9.1	78.9	206.5	0.5	5.0
Mean/Total		11.7	4.2	7.9	75.7	261.3	1.5	88.6
Abs. Max.		15.0	7.2	10.5	87.5	735.8	3.5	25.4
Abs. Min.		6.3	0.0	4.3	62.7	66.6	0.1	0.0

**GHRERIFE - DAILY SOIL TEMPERATURE
FEBRUARY 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	32	10.4	9.0	9.7	11.4	10.4	10.9	10.0	9.5	9.8
2	33	11.0	7.8	9.4	11.5	9.9	10.7	10.0	9.0	9.5
3	34	11.2	7.6	9.4	11.4	9.8	10.6	10.0	9.0	9.5
4	35	12.3	7.7	10.0	12.3	9.9	11.1	10.6	9.0	9.8
5	36	11.2	7.2	9.2	11.6	9.2	10.4	10.0	8.8	9.4
6	37	9.0	7.1	8.1	10.0	9.0	9.5	9.0	8.3	8.7
7	38	8.5	7.0	7.8	9.7	8.5	9.1	8.5	8.0	8.3
8	39	12.8	7.0	9.9	10.1	8.1	9.1	9.0	8.0	8.5
9	40	13.0	8.7	10.9	10.2	8.1	9.2	9.0	8.0	8.5
10	41	13.3	9.5	11.4	11.0	9.0	10.0	10.0	8.2	9.1
11	42	15.7	11.3	13.5	13.0	10.7	11.9	11.1	9.8	10.5
12	43	14.0	11.4	12.7	12.0	10.7	11.4	11.0	10.0	10.5
13	44	12.1	11.0	11.6	11.0	10.1	10.6	10.0	9.5	9.8
14	45	13.8	11.0	12.4	12.0	10.1	11.1	10.8	9.5	10.2
15	46	12.0	11.0	11.5	10.8	9.9	10.4	10.0	9.5	9.8
16	47	11.0	9.2	10.1	9.8	8.2	9.0	9.3	8.1	8.7
17	48	13.8	9.2	11.5	11.0	8.2	9.6	10.0	8.1	9.1
18	49	13.2	11.5	12.4	11.1	10.0	10.6	10.3	9.5	9.9
19	50	13.3	11.5	12.4	11.2	10.2	10.7	10.4	9.9	10.2
20	51	13.9	11.1	12.5	11.5	10.1	10.8	10.7	9.8	10.3
21	52	14.3	11.1	12.7	12.0	10.1	11.1	11.0	9.8	10.4
22	53	12.8	10.9	11.9	11.0	9.8	10.4	10.0	9.4	9.7
23	54	12.0	9.4	10.7	10.0	8.6	9.3	9.3	8.4	8.9
24	55	11.5	8.9	10.2	9.2	7.9	8.6	8.7	7.8	8.3
25	56	12.8	9.0	10.9	10.0	8.0	9.0	9.0	8.0	8.5
26	57	11.9	9.0	10.5	10.0	8.3	9.2	9.1	8.0	8.6
27	58	12.7	10.3	11.5	10.6	9.0	9.8	9.8	8.8	9.3
28	59	12.0	11.1	11.6	10.0	9.8	9.9	9.5	9.1	9.3
29	60	12.8	10.2	11.5	10.8	9.2	10.0	9.9	9.0	9.5
Mean		12.4	9.5	11.0	10.9	9.3	10.1	9.9	8.9	9.4
Abs.Max.		15.7	11.5	13.5	13.0	10.7	11.9	11.1	10.0	10.5
Abs.Min.		8.5	7.0	7.8	9.2	7.9	8.6	8.5	7.8	8.3

GHRERIFE - DAILY CLIMATIC DATA
MARCH 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Wind Run km/d	Pan Evap. mm	Prec. mm
1	61	14.8	9.0	11.9	69.5	264.4	1.4	1.0
2	62	17.0	6.9	12.0	74.0	461.6	2.6	0.0
3	63	15.0	7.0	11.0	64.6	480.8	2.3	5.8
4	64	11.0	-1.4	4.8	64.5	480.7	2.5	0.0
5	65	11.8	1.2	6.5	66.5	219.8	2.7	0.0
6	66	11.2	6.0	8.6	68.8	565.5	0.1	1.0
7	67	9.0	5.9	7.5	85.5	585.7	1.6	6.0
8	68	9.9	4.5	7.2	84.1	118.6	1.8	7.0
9	69	12.6	7.4	10.0	81.0	269.8	3.2	15.0
10	70	14.0	8.0	11.0	76.0	369.9	0.6	3.0
11	71	12.0	4.0	8.0	76.3	300.6	0.3	2.0
12	72	14.0	7.0	10.5	73.0	201.9	1.4	4.0
13	73	12.0	4.2	8.1	79.5	179.7	0.8	5.2
14	74	16.8	6.4	11.6	66.5	216.7	2.6	0.0
15	75	16.2	5.0	10.6	74.7	197.5	2.6	0.0
16	76	16.8	5.1	11.0	70.3	142.7	1.8	0.0
17	77	19.3	6.4	12.9	71.5	435.5	2.6	0.0
18	78	18.8	8.8	13.8	68.0	194.7	2.6	0.0
19	79	16.9	7.5	12.2	75.0	217.6	1.8	14.0
20	80	11.1	4.6	7.9	81.3	212.2	0.6	5.0
21	81	15.2	7.0	11.1	68.0	188.1	1.8	0.0
22	82	13.9	5.1	9.5	72.5	144.5	1.8	0.0
23	83	18.0	6.8	12.4	67.7	269.4	2.6	0.0
24	84	19.2	7.4	13.3	66.8	110.7	3.3	0.0
25	85	21.4	10.0	15.7	69.0	223.3	4.3	2.6
26	86	16.4	8.8	12.6	72.1	297.9	2.6	0.0
27	87	18.6	7.1	12.9	70.5	259.3	1.8	0.0
28	88	18.7	7.0	12.9	72.7	143.9	2.4	0.0
29	89	20.1	6.1	13.1	71.5	237.5	2.7	0.0
30	90	15.4	4.0	9.7	73.9	291.5	2.2	0.0
31	91	17.8	3.4	10.6	64.5	178.5	3.6	0.0
Mean/Total		15.3	6.0	10.7	72.3	272.9	2.1	71.6
Abs. Max.		21.4	10.0	15.7	85.5	585.7	4.3	15.0
Abs. Min.		9.0	-1.4	4.8	64.5	110.7	0.1	0.0

GHRERIFE - DAILY CLIMATIC DATA
APRIL 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Wind Run km/d	Pan Evap. mm	Prec. mm
1	92	18.3	3.5	10.9	62.0	126.3	4.2	0.0
2	93	19.2	4.5	11.9	61.0	187.8	4.3	0.0
3	94	22.0	8.4	15.2	61.2	107.3	2.4	0.0
4	95	16.7	6.1	11.4	76.9	91.6	2.6	0.0
5	96	17.1	6.1	11.6	66.5	93.5	2.5	0.0
6	97	23.0	10.6	16.8	64.0	116.1	2.5	0.0
7	98	22.1	12.5	17.3	65.6	145.7	2.6	0.0
8	99	20.0	10.0	15.0	65.8	238.9	3.4	0.0
9	100	22.0	8.7	15.4	70.9	290.2	4.9	0.0
10	101	24.1	13.3	18.7	64.0	260.2	2.5	0.0
11	102	20.0	12.4	16.2	81.5	322.0	0.1	1.0
12	103	22.0	12.6	17.3	73.1	239.6	2.2	0.0
13	104	22.2	13.0	17.6	76.0	221.7	0.4	3.0
14	105	21.4	9.0	15.2	69.5	226.1	2.6	0.0
15	106	21.4	10.8	16.1	74.1	195.4	1.3	10.0
16	107	22.2	11.6	16.9	73.9	380.4	2.6	2.6
17	108	18.0	7.0	12.5	73.0	224.8	2.6	0.0
18	109	19.0	10.6	14.8	68.5	145.9	4.5	0.0
19	110	21.2	11.0	16.1	71.0	156.2	4.7	0.6
20	111	22.0	7.8	14.9	71.0	172.9	4.5	1.8
21	112	18.0	8.4	13.2	69.4	217.5	3.2	0.0
22	113	18.1	6.0	12.1	71.5	174.3	4.9	0.6
23	114	19.3	10.0	14.7	68.0	154.2	2.4	0.0
24	115	21.0	8.8	14.9	70.5	166.1	3.0	0.0
25	116	26.5	12.0	19.3	57.1	211.3	5.5	0.0
26	117	28.0	10.0	19.0	58.1	230.8	7.7	0.0
27	118	28.6	17.0	22.8	58.0	187.4	5.9	0.0
28	119	28.8	15.0	21.9	64.5	331.7	4.0	0.0
29	120	27.8	14.5	21.2	70.0	142.4	5.9	0.0
30	121	25.8	12.8	19.3	64.5	257.8	3.8	0.0
Mean/Total		21.9	10.1	16.0	68.0	200.5	3.5	19.6
Abs. Max.		28.8	17.0	22.8	81.5	380.4	7.7	10.0
Abs. Min.		16.7	3.5	10.9	57.1	91.6	0.1	0.0

GHRERIFE - DAILY CLIMATIC DATA
MAY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Wind Run km/d	Pan Evap. mm	Prec. mm
1	122	24.0	11.0	17.5	71.1	234.9	3.1	0.0
2	123	17.6	8.2	12.9	78.4	200.1	2.0	4.0
3	124	23.0	8.0	15.5	69.0	154.9	3.9	0.0
4	125	26.0	10.5	18.3	59.5	119.6	3.2	0.0
5	126	28.5	11.0	19.8	54.1	139.5	3.9	0.0
6	127	30.0	12.2	21.1	46.0	161.9	5.0	0.0
7	128	32.3	13.9	23.1	51.6	175.0	5.7	0.0
8	129	30.0	12.8	21.4	67.6	224.9	7.9	0.0
9	130	26.4	9.8	18.1	53.6	252.5	3.6	0.0
10	131	28.0	12.5	20.3	42.6	150.9	4.7	0.0
11	132	29.0	11.2	20.1	49.5	210.0	4.0	0.0
12	133	30.8	13.8	22.3	47.7	193.2	5.0	0.0
13	134	33.0	16.3	24.7	45.3	196.2	6.1	0.0
14	135	37.0	17.1	27.1	43.0	216.8	10.8	0.0
15	136	37.0	18.8	27.9	39.4	165.3	10.6	0.0
16	137	40.0	20.2	30.1	34.5	229.6	14.4	3.0
17	138	37.0	17.0	27.0	55.5	215.6	13.6	0.0
18	139	31.0	14.0	22.5	54.8	324.9	11.6	0.0
19	140	33.8	16.0	24.9	47.2	284.0	13.5	0.0
20	141	35.6	19.0	27.3	50.5	199.8	9.0	0.0
21	142	31.8	14.0	22.9	56.2	360.8	11.4	0.0
22	143	30.0	14.0	22.0	56.4	349.7	11.4	0.0
23	144	29.6	14.0	21.8	55.1	288.2	8.4	0.0
24	145	28.0	13.4	20.7	54.7	351.4	7.4	0.0
25	146	29.6	19.5	24.6	47.5	361.9	9.5	0.0
26	147	38.0	18.8	28.4	43.6	460.5	7.5	0.0
27	148	27.0	16.0	21.5	57.0	389.7	8.8	0.0
28	149	28.6	14.0	21.3	58.6	346.0	9.8	0.0
29	150	31.2	16.0	23.6	50.5	180.7	10.1	0.0
30	151	34.0	14.8	24.4	46.1	203.1	12.1	0.0
31	152	31.5	15.0	23.3	50.6	290.9	9.5	0.0
Mean/Total		30.6	14.3	22.5	52.8	246.2	8.0	7.0
Abs. Max.		40.0	20.2	30.1	78.4	460.5	14.4	4.0
Abs. Min.		17.6	8.0	12.9	34.5	119.6	2.0	0.0

**GHRERIFE - DAILY SOIL TEMPERATURE
MAY 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	122	26.0	18.1	22.1	23.0	19.2	21.1	21.0	19.0	20.0
2	123	22.8	16.0	19.4	20.8	17.5	19.2	19.8	18.0	18.9
3	124	26.9	16.0	21.5	23.0	17.3	20.2	21.0	17.6	19.3
4	125	28.3	17.1	22.7	24.2	18.5	21.4	22.0	18.5	20.3
5	126	29.8	18.8	24.3	25.6	20.0	22.8	23.0	19.5	21.3
6	127	31.0	19.2	25.1	26.8	20.6	23.7	24.0	20.2	22.1
7	128	31.8	21.8	26.8	27.4	21.8	24.6	24.8	21.2	23.0
8	129	32.0	21.5	26.8	28.0	22.8	25.4	25.2	22.0	23.6
9	130	33.2	21.8	27.5	27.8	22.8	25.3	24.8	22.0	23.4
10	131	33.6	23.1	28.4	27.9	22.7	25.3	24.9	21.7	23.3
11	132	34.9	24.0	29.5	28.6	23.0	25.8	25.4	22.0	23.7
12	133	35.2	24.0	29.6	29.0	23.2	26.1	26.0	22.4	24.2
13	134	35.5	25.0	30.3	29.3	24.1	26.7	26.0	23.0	24.5
14	135	37.2	26.0	31.6	31.0	25.0	28.0	27.1	24.0	25.6
15	136	38.0	27.2	32.6	31.8	26.0	28.9	28.0	24.9	26.5
16	137	38.3	28.0	33.2	32.5	27.0	29.8	29.0	25.8	27.4
17	138	38.5	27.2	32.9	32.0	27.0	29.5	29.0	26.0	27.5
18	139	37.4	26.8	32.1	31.4	26.4	28.9	28.2	25.8	27.0
19	140	38.4	27.0	32.7	32.0	26.4	29.2	28.6	25.4	27.0
20	141	37.8	28.0	32.9	31.9	27.0	29.5	28.6	26.0	27.3
21	142	38.8	27.5	33.2	32.0	27.2	29.6	29.0	26.2	27.6
22	143	39.0	27.5	33.3	32.0	27.0	29.5	29.0	26.0	27.5
23	144	39.0	27.3	33.2	32.4	27.0	29.7	29.0	26.0	27.5
24	145	37.0	26.8	31.9	31.2	26.8	29.0	28.0	25.9	27.0
25	146	38.0	26.9	32.5	31.5	26.8	29.2	28.5	25.5	27.0
26	147	36.1	28.6	32.4	30.9	27.9	29.4	28.0	26.0	27.0
27	148	36.0	27.0	31.5	31.0	26.8	28.9	28.0	25.8	26.9
28	149	36.8	26.2	31.5	30.9	26.2	28.6	27.8	25.1	26.5
29	150	39.0	26.2	32.6	32.2	26.0	29.1	29.0	25.0	27.0
30	151	40.2	27.0	33.6	33.8	27.0	30.4	30.0	26.0	28.0
31	152	40.7	27.7	34.2	33.8	27.8	30.8	30.2	26.8	28.5
Mean		35.1	24.4	29.7	29.5	24.3	27.0	26.5	23.5	25.0
Abs.Max.		40.7	28.6	34.2	33.8	27.9	30.8	30.2	26.8	28.5
Abs.Min.		22.8	16.0	19.4	20.8	17.3	19.2	19.8	17.6	18.9

GHRERIFE - DAILY CLIMATIC DATA
JUNE 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Wind Run km/d	Pan Evap. mm	Prec. mm
1	153	30.6	16.0	23.3	54.5	312.9	10.8	0.0
2	154	33.0	17.5	25.3	45.5	231.7	10.9	0.0
3	155	35.7	19.0	27.4	42.5	130.5	11.7	0.0
4	156	37.0	15.4	26.2	53.4	280.0	10.5	0.0
5	157	31.2	15.0	23.1	47.0	295.6	12.6	0.0
6	158	34.0	17.0	25.5	41.5	216.7	10.5	0.0
7	159	34.9	17.0	26.0	41.3	176.1	9.1	0.0
8	160	35.8	18.6	27.2	36.5	306.0	10.9	0.0
9	161	36.0	19.5	27.8	39.5	276.9	11.7	0.0
10	162	37.0	20.0	28.5	36.3	264.6	12.0	0.0
11	163	38.0	21.2	29.6	35.6	233.1	12.9	0.0
12	164	39.4	23.1	31.3	38.3	352.3	15.3	0.4
13	165	35.0	17.2	26.1	43.0	340.6	11.7	0.0
14	166	32.1	17.0	24.6	49.0	387.1	13.8	0.0
15	167	31.2	17.9	24.6	46.5	370.7	12.7	0.0
16	168	24.8	13.4	19.1	56.0	195.4	4.4	1.8
17	169	31.6	15.0	23.3	40.0	288.8	12.0	0.0
18	170	32.2	18.0	25.1	42.0	344.4	11.1	0.0
19	171	31.1	16.1	23.6	44.5	338.1	8.4	0.0
20	172	33.2	19.0	26.1	38.5	304.9	14.9	0.0
21	173	32.9	17.0	25.0	42.8	316.6	14.3	0.0
22	174	28.0	15.1	21.6	47.0	446.3	13.6	0.0
23	175	26.4	15.0	20.7	48.5	279.5	16.6	2.0
24	176	29.2	16.0	22.6	43.5	332.0	10.9	0.0
25	177	31.0	15.0	23.0	37.0	200.7	12.9	0.0
26	178	33.3	18.0	25.7	30.9	236.2	13.1	0.0
27	179	36.0	21.3	28.7	29.9	407.6	10.2	0.0
28	180	36.0	19.8	27.9	35.5	393.7	11.2	0.0
29	181	36.0	20.4	28.2	34.0	373.8	12.1	0.0
30	182	33.8	17.6	25.7	43.3	398.6	12.9	0.0
Mean/Total		33.2	17.6	25.4	42.1	301.0	11.9	4.2
Abs. Max.		39.4	23.1	31.3	56.0	446.3	16.6	2.0
Abs. Min.		24.8	13.4	19.1	29.9	130.5	4.4	0.0

**GHRERIFE - DAILY SOIL TEMPERATURE
JUNE 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	153	40.0	28.0	34.0	33.5	27.9	30.7	30.3	27.0	28.7
2	154	41.0	28.2	34.6	34.0	28.0	31.0	30.7	27.0	28.9
3	155	41.3	28.9	35.1	34.2	28.8	31.5	31.0	27.5	29.3
4	156	43.0	29.6	36.3	35.2	29.9	32.6	31.9	28.4	30.2
5	157	42.0	28.4	35.2	34.5	29.3	31.9	31.1	28.1	29.6
6	158	42.4	29.0	35.7	35.0	29.3	32.2	31.6	28.0	29.8
7	159	42.9	29.2	36.1	35.1	29.3	32.2	31.9	28.2	30.1
8	160	43.0	29.4	36.2	35.3	29.5	32.4	32.0	28.5	30.3
9	161	43.6	30.0	36.8	36.0	30.0	33.0	32.2	28.9	30.6
10	162	43.9	31.0	37.5	36.1	30.7	33.4	32.6	29.2	30.9
11	163	44.2	31.0	37.6	36.4	31.0	33.7	32.9	29.7	31.3
12	164	40.0	31.2	35.6	34.0	30.7	32.4	31.0	29.2	30.1
13	165	43.5	31.2	37.4	36.0	30.6	33.3	32.3	29.0	30.7
14	166	42.9	31.0	37.0	35.9	31.0	33.5	32.2	29.8	31.0
15	167	42.0	31.0	36.5	35.3	31.0	33.2	32.0	29.5	30.8
16	168	34.2	25.4	29.8	31.2	26.7	29.0	29.5	26.1	27.8
17	169	40.4	25.8	33.1	33.2	26.7	30.0	29.9	26.0	28.0
18	170	42.0	28.6	35.3	34.8	28.8	31.8	31.0	27.5	29.3
19	171	41.2	30.0	35.6	34.9	30.0	32.5	31.0	28.6	29.8
20	172	43.2	30.0	36.6	35.9	29.9	32.9	32.0	28.6	30.3
21	173	43.0	30.5	36.8	35.8	30.5	33.2	32.0	29.1	30.6
22	174	38.0	29.0	33.5	32.8	29.0	30.9	30.0	28.0	29.0
23	175	36.0	27.0	31.5	31.8	27.2	29.5	29.0	26.7	27.9
24	176	39.8	27.0	33.4	33.0	27.2	30.1	29.6	26.4	28.0
25	177	42.0	28.2	35.1	34.8	28.2	31.5	30.9	27.1	29.0
26	178	43.0	29.0	36.0	35.0	29.2	32.1	31.0	28.0	29.5
27	179	44.0	30.1	37.1	36.8	30.0	33.4	32.5	28.9	30.7
28	180	44.8	32.0	38.4	37.0	31.2	34.1	33.0	30.0	31.5
29	181	45.0	32.2	38.6	37.3	31.8	34.6	33.1	30.1	31.6
30	182	44.5	31.5	38.0	37.0	31.8	34.4	33.0	30.3	31.7
Mean		41.9	29.4	35.7	34.9	29.5	32.2	31.4	28.3	29.9
Abs.Max.		45.0	32.2	38.6	37.3	31.8	34.6	33.1	30.3	31.7
Abs.Min.		34.2	25.4	29.8	31.2	26.7	29.0	29.0	26.0	27.8

GHRERIFE - DAILY CLIMATIC DATA
JULY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Wind Run km/d	Pan Evap. mm	Prec.
1	183	33.0	18.5	25.8	40.7	311.5	11.3	0.0
2	184	34.0	19.7	26.9	40.5	153.5	12.1	0.0
3	185	36.0	20.8	28.4	37.0	192.9	11.0	0.0
4	186	38.0	21.0	29.5	32.0	299.4	11.1	0.0
5	187	39.0	22.0	30.5	33.0	311.2	12.1	0.0
6	188	40.4	23.5	32.0	32.0	296.2	13.0	0.0
7	189	39.9	21.0	30.5	29.0	248.2	11.0	0.0
8	190	39.0	21.5	30.3	30.9	393.6	12.0	0.0
9	191	38.0	22.0	30.0	33.6	238.4	12.9	0.0
10	192	38.0	21.8	29.9	28.6	218.2	12.7	0.0
11	193	38.9	19.5	29.2	39.2	239.1	11.2	0.0
12	194	36.0	19.2	27.6	43.7	236.3	12.0	0.0
13	195	38.0	20.2	29.1	42.4	210.0	12.9	0.0
14	196	38.4	20.0	29.2	40.6	360.0	13.0	0.0
15	197	36.6	20.5	28.6	37.3	362.0	12.1	0.0
16	198	37.4	19.6	28.5	35.1	311.2	12.9	0.0
17	199	38.2	19.8	29.0	35.5	364.5	10.0	0.0
18	200	38.0	21.2	29.6	47.2	364.6	11.9	0.0
19	201	36.2	21.0	28.6	51.9	429.7	11.0	0.0
20	202	34.6	20.8	27.7	55.0	483.5	11.8	0.0
21	203	35.0	22.0	28.5	55.5	429.1	12.7	0.0
22	204	37.2	21.4	29.3	47.1	332.8	11.1	0.0
23	205	38.0	21.0	29.5	41.0	254.8	11.9	0.0
24	206	38.0	20.0	29.0	36.1	323.5	12.9	0.0
25	207	36.3	19.9	28.1	32.9	323.7	12.9	0.0
26	208	37.1	21.5	29.3	33.0	230.4	12.0	0.0
27	209	40.0	21.9	31.0	31.0	296.3	12.7	0.0
28	210	37.2	20.2	28.7	43.8	259.0	11.6	0.0
29	211	35.0	21.0	28.0	43.4	266.5	13.1	0.0
30	212	36.2	20.6	28.4	40.5	236.5	12.2	0.0
31	213	35.0	22.8	28.9	45.4	383.2	11.4	0.0
Mean/Total		37.2	20.8	29.0	39.2	301.9	12.0	0.0
Abs. Max.		40.4	23.5	32.0	55.5	483.5	13.1	0.0
Abs. Min.		33.0	18.5	25.8	28.6	153.5	10.0	0.0

GHRERIFE - DAILY SOIL TEMPERATURE
JULY 1988

[illegible]

GHRERIFE - DAILY CLIMATIC DATA
AUGUST 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Wind Run km/d	Pan Evap. mm	Prec. mm
1	214	35.8	23.3	29.6	49.2	52.7	14.1	0.0
2	215	35.0	24.0	29.5	53.5	436.5	12.2	0.0
3	216	35.9	20.9	28.4	43.9	360.0	11.4	0.0
4	217	35.9	21.9	28.9	40.0	242.9	13.3	0.0
5	218	38.5	22.0	30.3	36.8	282.1	14.3	0.0
6	219	39.8	21.2	30.5	37.8	187.4	12.4	0.0
7	220	39.1	21.0	30.1	44.3	276.9	14.6	0.0
8	221	39.3	21.0	30.2	37.8	287.5	12.8	0.0
9	222	36.0	19.0	27.5	45.5	312.9	16.7	0.0
10	223	34.1	20.7	27.4	50.1	368.5	12.5	0.0
11	224	34.9	21.7	28.3	54.2	566.9	11.7	0.0
12	225	36.3	20.0	28.2	44.0	575.5	12.5	0.0
13	226	38.4	21.6	30.0	38.1	203.6	17.0	0.0
14	227	38.0	20.2	29.1	41.1	106.1	14.3	0.0
15	228	35.5	22.5	29.0	50.3	403.6	11.5	0.0
16	229	37.2	22.0	29.6	48.9	344.7	10.8	0.0
17	230	35.2	19.9	27.6	48.0	370.3	12.4	0.0
18	231	35.2	20.3	27.8	47.3	286.8	11.5	0.0
19	232	36.2	19.6	27.9	45.2	296.4	12.5	0.0
20	233	36.9	18.9	27.9	42.5	186.6	11.5	0.0
21	234	38.5	19.9	29.2	36.5	176.3	10.8	0.0
22	235	38.9	19.0	29.0	37.0	305.7	8.9	0.0
23	236	36.2	20.5	28.4	53.5	335.1	11.8	0.0
24	237	39.1	19.3	29.2	41.0	281.3	10.8	0.0
25	238	38.0	20.8	29.4	46.4	286.2	11.5	0.0
26	239	36.0	16.8	26.4	48.2	325.1	12.5	0.0
27	240	34.0	18.2	26.1	48.2	338.0	11.8	0.0
28	241	33.6	20.6	27.1	54.8	391.0	12.8	0.0
29	242	33.0	15.0	24.0	36.0	229.7	11.7	0.0
30	243	33.1	16.0	24.6	34.0	189.9	10.8	0.0
31	244	34.2	17.0	25.6	39.2	241.5	9.0	0.0
Mean/Total		36.4	20.2	28.3	44.3	298.3	12.3	0.0
Abs. Max.		39.8	24.0	30.5	54.8	575.5	17.0	0.0
Abs. Min.		33.0	15.0	24.0	34.0	52.7	8.9	0.0

**GHRERIFE - DAILY SOIL TEMPERATURE
AUGUST 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	214	42.7	31.0	36.9	38.6	33.0	35.8	34.9	32.9	33.9
2	215	42.9	31.1	37.0	38.4	32.9	35.7	34.8	32.8	33.8
3	216	42.2	29.6	35.9	38.0	32.0	35.0	34.2	32.1	33.2
4	217	42.9	29.7	36.3	38.4	31.8	35.1	34.5	32.0	33.3
5	218	43.3	30.1	36.7	38.9	32.1	35.5	35.0	32.1	33.6
6	219	44.0	30.4	37.2	39.5	32.8	36.2	35.2	32.8	34.0
7	220	44.6	30.4	37.5	39.8	32.8	36.3	35.6	32.8	34.2
8	221	41.9	30.2	36.1	38.5	32.7	35.6	34.9	32.9	33.9
9	222	40.5	29.3	34.9	37.5	32.0	34.8	34.1	32.2	33.2
10	223	38.8	28.8	33.8	36.2	31.3	33.8	33.6	31.8	32.7
11	224	38.0	28.9	33.5	35.9	31.1	33.5	33.0	31.6	32.3
12	225	39.9	29.0	34.5	36.9	31.3	34.1	33.4	31.6	32.5
13	226	40.9	29.0	35.0	37.2	31.1	34.2	33.9	31.3	32.6
14	227	40.2	28.8	34.5	37.0	31.5	34.3	33.8	31.8	32.8
15	228	39.0	28.6	33.8	36.3	31.1	33.7	33.3	31.5	32.4
16	229	40.0	29.7	34.9	36.9	31.8	34.4	33.3	31.7	32.5
17	230	34.9	28.6	34.0	36.6	31.3	34.0	33.2	31.5	32.4
18	231	38.6	28.0	33.0	35.8	30.8	33.3	32.8	31.0	31.9
19	232	39.0	28.0	33.5	35.9	30.2	33.1	32.8	30.8	31.8
20	233	40.0	28.0	34.0	36.2	30.1	33.2	33.0	30.7	31.9
21	234	40.8	27.5	34.2	36.8	30.0	33.4	33.0	30.7	31.9
22	235	40.9	28.0	34.5	36.7	30.7	33.7	33.2	31.0	32.1
23	236	39.9	27.9	33.9	36.0	30.1	33.1	33.0	31.0	32.0
24	237	40.2	28.0	34.1	36.2	30.5	33.4	33.0	31.0	32.0
25	238	40.5	28.0	34.3	36.3	30.3	33.3	33.1	31.0	32.1
26	239	39.6	27.0	33.3	35.9	29.8	32.9	32.9	30.6	31.8
27	240	38.9	27.0	33.0	35.0	29.3	32.2	32.2	30.0	31.1
28	241	38.6	27.0	32.8	34.9	29.5	32.2	32.0	30.0	31.0
29	242	38.9	25.5	32.2	35.0	28.8	31.9	32.0	29.9	31.0
30	243	37.8	25.0	31.4	34.1	28.2	31.2	31.3	29.3	30.3
31	244	37.6	25.0	31.3	34.0	28.0	31.0	31.2	29.0	30.1
Mean		40.3	28.5	34.5	36.8	30.9	33.9	33.4	31.3	32.4
Abs.Max.		44.6	31.1	37.5	39.8	33.0	36.3	35.6	32.9	34.2
Abs.Min.		34.9	25.0	31.3	34.0	28.0	31.0	31.2	29.0	30.1

BOUEIDAR

1987-1988 Season

Latitude	Longitude	Elevation
35°40'N	37°10'E	268m

**SUMMARY OF MONTHLY CLIMATIC DATA
BOUEIDAR 1987-88 SEASON**

Month	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
September								
Mean/Total	35.0	13.7	24.4	40.7	24.8	175.9	9.9	0.6
Abs. Max.	38.0	18.8	27.1	56.5	27.0	396.6	16.4	0.6
Abs. Min.	30.4	8.6	21.3	22.8	22.3	69.1	7.3	0.0
October								
Mean/Total	25.8	9.8	17.8	46.2	17.2	142.9	6.2	69.9
Abs. Max.	38.0	16.4	25.5	66.3	21.9	347.2	14.1	30.4
Abs. Min.	16.7	3.0	10.6	27.6	5.7	52.5	0.9	0.0
November								
Mean/Total	18.0	4.2	11.1	65.4	13.3	90.4	2.1	37.2
Abs. Max.	20.4	12.0	15.3	74.9	17.0	366.5	4.1	25.8
Abs. Min.	13.5	-1.2	8.0	57.0	4.1	25.6	0.8	0.0
December								
Mean/Total	11.8	4.3	8.1	77.0	7.4	134.0	1.0	44.6
Abs. Max.	19.0	10.0	13.2	87.0	12.5	380.7	5.1	8.4
Abs. Min.	-4.0	-11.5	-6.8	59.0	2.6	9.1	0.0	0.0
January								
Mean/Total	9.7	2.1	5.9	80.3	7.6	m	0.7	80.2
Abs. Max.	15.9	9.0	11.5	88.8	14.2	m	1.8	16.2
Abs. Min.	4.9	-2.6	2.1	68.5	2.6	m	0.1	0.0
February								
Mean/Total	m	3.5	m	m	12.1	m	1.4	77.8
Abs. Max.	m	8.0	m	m	20.3	m	4.2	27.8
Abs. Min.	m	-1.9	m	m	4.1	m	0.1	0.0
March								
Mean/Total	15.1	4.7	9.9	78.3	17.2	m	m	41.0
Abs. Max.	21.0	9.8	15.4	90.5	25.3	m	m	7.2
Abs. Min.	8.0	-1.8	4.2	70.8	5.5	m	m	0.0
April								
Mean/Total	22.3	7.5	14.9	72.1	22.4	m	3.2	25.4
Abs. Max.	30.0	14.0	21.3	80.0	31.0	m	6.9	10.8
Abs. Min.	16.8	-0.4	8.8	63.1	13.2	m	0.5	0.0
May								
Mean/Total	31.2	11.2	21.2	55.9	30.0	m	9.0	5.2
Abs. Max.	40.4	20.7	28.9	77.0	33.8	m	14.8	2.6
Abs. Min.	17.9	5.0	12.3	42.3	18.5	m	0.2	0.0
June								
Mean/Total	34.6	15.8	25.2	45.9	30.4	m	11.1	3.8
Abs. Max.	40.0	22.0	31.0	60.5	34.4	m	14.3	2.4
Abs. Min.	28.2	11.8	20.1	35.1	17.3	m	4.2	0.0
July								
Mean/Total	38.4	19.1	28.8	38.1	32.0	m	12.6	0.0
Abs. Max.	41.2	23.7	32.5	47.5	33.8	m	16.1	0.0
Abs. Min.	34.5	16.2	26.3	30.0	28.5	m	10.0	0.0
August								
Mean/Total	36.9	18.0	27.5	43.0	28.8	m	12.2	0.0
Abs. Max.	40.2	23.0	30.1	51.1	32.7	m	14.8	0.0
Abs. Min.	32.9	12.1	22.5	30.9	22.5	m	10.1	0.0
Season								
Mean/Total	m	m	m	m	20.2	m	m	385.7
Abs. Max.	m	m	m	m	34.4	m	m	30.4
Abs. Min.	m	m	m	m	2.6	m	m	0.0

**SUMMARY OF WEEKLY CLIMATIC DATA
BOUEIDAR 1987-88 SEASON**

Week		Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
3	Sep- 9 Sep	35.8	15.7	25.7	46.8	25.5	208.2	10.2	0.6
10	Sep-16 Sep	34.3	14.0	24.2	40.5	25.5	242.8	11.0	0.0
17	Sep-23 Sep	34.3	11.8	23.1	35.6	24.9	126.0	9.1	0.0
24	Sep-30 Sep	35.2	12.8	24.0	39.2	22.9	131.5	9.2	0.0
1	Oct- 7 Oct	29.6	8.8	19.2	37.5	21.0	131.6	8.2	0.0
8	Oct-14 Oct	29.9	6.8	18.4	31.9	20.3	128.7	8.1	0.0
15	Oct-21 Oct	27.0	13.3	20.1	53.9	15.9	168.9	7.0	48.5
22	Oct-28 Oct	20.4	12.0	16.2	57.1	12.2	123.6	3.1	21.4
29	Oct- 4 Nov	17.2	7.5	12.4	59.1	13.9	184.3	3.0	26.6
5	Nov-11 Nov	15.7	5.2	10.5	62.8	13.4	116.1	1.7	8.0
12	Nov-18 Nov	19.4	3.7	11.5	66.4	14.4	58.7	1.9	0.0
19	Nov-25 Nov	19.0	3.9	11.5	70.1	12.9	57.6	1.8	2.6
26	Nov- 2 Dec	18.1	0.6	9.4	63.9	12.0	75.0	2.1	0.0
3	Dec- 9 Dec	13.2	4.4	8.8	73.6	7.7	150.3	1.5	7.6
10	Dec-16 Dec	13.2	8.6	10.9	82.4	5.7	127.4	0.7	11.0
17	Dec-23 Dec	13.5	8.5	11.0	78.8	6.0	135.0	1.0	4.4
24	Dec-31 Dec	6.5	-2.5	2.0	77.7	8.9	136.8	0.7	21.6
1	Jan- 7 Jan	7.3	0.1	3.7	80.8	5.8	100.3	0.7	17.4
8	Jan-14 Jan	10.3	1.2	5.8	78.7	7.9	m	0.4	10.8
15	Jan-21 Jan	8.5	1.7	5.1	77.4	8.2	m	0.9	15.2
22	Jan-28 Jan	10.6	4.8	7.7	84.6	6.8	m	0.6	34.6
29	Jan- 4 Feb	13.6	3.1	8.4	80.4	11.2	m	1.3	11.2
5	Feb-11 Feb	12.4	1.0	6.7	76.5	14.3	m	1.4	0.0
12	Feb-18 Feb	m	5.8	m	86.5	10.3	m	1.3	47.4
19	Feb-25 Feb	m	2.7	m	55.1	12.4	m	1.3	6.6
26	Feb- 4 mar	13.6	5.9	9.8	78.8	14.9	m	1.8	22.1
5	mar-11 mar	11.6	4.4	8.0	82.3	11.6	m	1.6	18.7
12	mar-18 mar	16.1	4.3	10.2	78.1	18.8	m	1.3	5.0
19	mar-25 mar	16.2	5.6	10.9	78.3	18.2	m	m	8.8
26	mar- 1 Apr	17.6	3.0	10.3	76.5	21.5	m	2.6	1.2
2	Apr- 8 Apr	20.2	4.6	12.4	71.1	18.9	m	2.1	0.0
9	Apr-15 Apr	22.9	9.5	16.2	76.4	21.0	m	2.6	8.4
16	Apr-22 Apr	20.2	7.4	13.8	74.3	22.2	m	2.8	17.0
23	Apr-29 Apr	26.1	8.9	17.5	67.4	26.5	m	5.1	0.0
30	Apr- 6 may	25.1	7.6	16.4	65.5	27.0	m	5.5	2.6
7	may-13 may	30.8	8.4	19.6	58.0	30.7	m	9.3	0.0
14	may-20 may	36.7	14.5	25.6	52.6	29.8	m	10.3	2.6
21	may-27 may	31.2	14.3	22.8	52.5	30.2	m	10.4	0.0
28	may- 3 Jun	32.3	12.4	22.4	49.2	31.4	m	10.0	0.0
4	Jun-10 Jun	35.7	13.5	24.6	46.5	31.8	m	11.4	0.0
11	Jun-17 Jun	35.1	17.1	26.1	49.2	27.1	m	9.8	3.8
18	Jun-24 Jun	32.4	16.2	24.3	46.0	29.7	m	10.9	0.0
25	Jun- 1 Jul	35.8	17.7	26.8	40.6	32.5	m	12.7	0.0
2	Jul- 8 Jul	39.3	20.4	29.9	35.8	32.1	m	12.8	0.0
9	Jul-15 Jul	39.1	17.6	28.4	36.9	32.6	m	12.5	0.0
16	Jul-22 Jul	37.7	19.1	28.4	40.4	32.1	m	13.0	0.0
23	Jul-29 Jul	38.5	19.2	28.9	37.4	31.8	m	12.3	0.0
30	Jul- 5 Aug	37.0	20.3	28.7	42.8	29.8	m	12.9	0.0
6	Aug-12 Aug	37.8	19.5	28.7	45.0	29.7	m	11.5	0.0
13	Aug-19 Aug	37.3	19.5	28.4	43.6	26.9	m	11.7	0.0
20	Aug-26 Aug	37.9	15.8	26.9	39.9	29.0	m	12.0	0.0
27	Aug- 2 Sep	34.0	14.0	24.0	43.3	28.2	m	12.6	0.0

**BOUEIDAR - DAILY CLIMATIC DATA
SEPTEMBER 1987**

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	245	37.0	16.8	26.9	46.0	26.7	189.0	9.9	0.0
2	246	37.2	15.0	26.1	39.0	27.0	127.9	11.1	0.0
3	247	37.2	14.8	26.0	37.8	26.9	152.4	11.9	0.0
4	248	37.0	14.8	25.9	43.5	25.1	316.4	11.4	0.6
5	249	33.0	18.8	25.9	56.5	22.9	372.0	11.1	0.0
6	250	33.8	14.6	24.2	49.5	25.8	146.8	10.2	0.0
7	251	35.0	14.0	24.5	47.5	26.5	85.5	9.3	0.0
8	252	38.0	15.2	26.6	41.1	25.7	124.2	9.1	0.0
9	253	36.3	17.9	27.1	51.8	25.3	260.0	8.4	0.0
10	254	33.0	15.3	24.2	55.3	26.0	282.0	11.1	0.0
11	255	34.0	16.8	25.4	48.3	26.2	322.9	9.3	0.0
12	256	33.2	15.0	24.1	51.2	24.6	396.6	9.1	0.0
13	257	32.8	17.0	24.9	42.0	26.0	378.1	16.4	0.0
14	258	35.2	10.8	23.0	35.0	25.8	100.1	11.9	0.0
15	259	35.1	11.3	23.2	29.0	25.7	77.7	10.2	0.0
16	260	37.0	12.0	24.5	22.8	24.2	141.9	9.1	0.0
17	261	38.0	14.0	26.0	32.5	24.8	192.6	11.9	0.0
18	262	34.0	14.0	24.0	35.4	24.9	142.5	9.1	0.0
19	263	33.6	11.0	22.3	26.0	26.0	69.3	8.4	0.0
20	264	34.2	8.6	21.4	32.5	25.3	105.1	7.5	0.0
21	265	34.8	9.8	22.3	39.0	25.3	124.1	8.4	0.0
22	266	35.2	13.0	24.1	41.5	24.0	165.0	10.2	0.0
23	267	30.4	12.2	21.3	42.4	23.9	83.6	8.4	0.0
24	268	33.3	11.1	22.2	29.5	23.2	96.5	7.5	0.0
25	269	36.0	11.2	23.6	32.5	23.4	94.9	7.3	0.0
26	270	35.0	14.8	24.9	43.9	22.3	241.6	11.7	0.0
27	271	35.0	14.8	24.9	49.5	22.4	228.4	11.1	0.0
28	272	34.8	12.0	23.4	45.3	23.0	115.9	10.2	0.0
29	273	35.1	13.0	24.1	43.5	23.2	69.1	7.5	0.0
30	274	37.0	12.8	24.9	30.5	22.8	74.3	9.1	0.0
Mean/Total		35.0	13.7	24.4	40.7	24.8	175.9	9.9	0.6
Abs. Max.		38.0	18.8	27.1	56.5	27.0	396.6	16.4	0.6
Abs. Min.		30.4	8.6	21.3	22.8	22.3	69.1	7.3	0.0

**BOUEIDAR - DAILY SOIL TEMPERATURE
SEPTEMBER 1987**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	245	43.0	21.8	32.4	38.0	28.2	33.1	30.9	29.2	30.1
2	246	43.6	20.8	32.2	38.1	27.9	33.0	31.0	29.0	30.0
3	247	43.9	20.6	32.3	38.0	28.0	33.0	31.0	29.0	30.0
4	248	42.9	21.0	32.0	37.8	28.0	32.9	31.0	29.1	30.1
5	249	38.0	23.0	30.5	35.5	28.7	32.1	30.9	29.5	30.2
6	250	42.3	19.9	31.1	37.0	27.0	32.0	30.4	28.6	29.5
7	251	43.0	20.2	31.6	37.6	27.2	32.4	30.6	29.0	29.8
8	252	43.8	21.0	32.4	38.0	27.8	32.9	31.0	29.0	30.0
9	253	42.3	22.5	32.4	37.9	28.9	33.4	31.0	29.5	30.3
10	254	38.0	21.0	29.5	37.2	27.9	32.6	31.0	29.2	30.1
11	255	37.0	19.0	28.0	36.5	28.0	32.3	30.4	29.0	29.7
12	256	35.2	18.0	26.6	35.4	27.8	31.6	30.1	28.8	29.5
13	257	34.0	19.8	26.9	34.8	28.0	31.4	29.8	28.4	29.1
14	258	38.0	14.0	26.0	35.9	25.0	30.5	29.0	27.1	28.1
15	259	39.0	16.0	27.5	36.3	26.0	31.2	29.2	27.4	28.3
16	260	38.4	16.0	27.2	36.0	26.0	31.0	29.2	27.6	28.4
17	261	35.3	17.1	26.2	35.9	26.7	31.3	30.2	28.0	29.1
18	262	34.0	22.0	28.0	35.0	26.2	30.6	30.0	28.0	29.0
19	263	34.0	20.0	27.0	34.5	25.0	29.8	29.0	27.0	28.0
20	264	33.6	18.7	26.2	34.0	23.6	28.8	28.2	26.0	27.1
21	265	33.2	19.2	26.2	34.0	24.0	29.0	28.2	26.0	27.1
22	266	33.1	19.9	26.5	34.0	24.4	29.2	28.2	26.2	27.2
23	267	32.2	20.2	26.2	33.1	25.0	29.1	28.2	26.2	27.2
24	268	33.4	20.0	26.7	32.7	23.7	28.2	27.8	26.0	26.9
25	269	33.8	20.0	26.9	33.0	23.5	28.3	27.9	25.9	26.9
26	270	32.2	21.0	26.6	32.4	24.1	28.3	27.9	26.0	27.0
27	271	32.0	21.0	26.5	32.2	24.2	28.2	27.9	26.0	27.0
28	272	33.4	19.7	26.6	32.8	23.1	28.0	27.9	25.9	26.9
29	273	34.0	20.1	27.1	33.0	23.8	28.4	27.9	26.0	27.0
30	274	34.0	19.8	26.9	33.0	23.0	28.0	27.9	25.6	26.8
Mean		37.0	19.8	28.4	35.3	26.0	30.7	29.5	27.6	28.5
Abs.Max.		43.9	23.0	32.4	38.1	28.9	33.4	31.0	29.5	30.3
Abs.Min.		32.0	14.0	26.0	32.2	23.0	28.0	27.8	25.6	26.8

BOUEIDAR - DAILY CLIMATIC DATA
OCTOBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	275	37.0	13.5	25.3	31.5	20.8	75.0	8.4	0.0
2	276	38.0	13.0	25.5	33.8	21.9	183.0	11.9	0.0
3	277	32.7	12.3	22.5	55.0	20.2	339.1	11.1	0.0
4	278	24.1	10.7	17.4	41.0	18.6	134.0	7.5	0.0
5	279	24.0	4.0	14.0	34.0	21.9	62.5	6.6	0.0
6	280	25.2	3.0	14.1	33.3	21.9	64.5	5.8	0.0
7	281	26.5	4.9	15.7	34.0	21.6	62.9	6.4	0.0
8	282	28.4	4.4	16.4	34.3	21.5	102.7	6.4	0.0
9	283	28.0	6.0	17.0	37.5	21.6	60.0	7.5	0.0
10	284	29.8	5.0	17.4	30.9	21.4	102.0	7.3	0.0
11	285	29.5	6.2	17.9	31.0	20.1	121.8	6.6	0.0
12	286	30.2	10.0	20.1	30.4	20.4	185.2	10.2	0.0
13	287	31.6	7.9	19.8	27.6	19.5	140.6	9.3	0.0
14	288	32.0	8.0	20.0	31.5	17.5	188.6	9.1	0.0
15	289	31.4	13.0	22.2	46.0	17.4	236.4	10.8	0.0
16	290	31.5	13.0	22.3	50.1	15.7	184.3	9.3	0.0
17	291	30.0	13.0	21.5	56.1	13.2	347.2	9.6	14.9
18	292	21.0	16.4	18.7	66.3	10.0	117.6	1.4	3.2
19	293	23.5	15.1	19.3	55.1	17.0	85.3	1.3	0.0
20	294	25.0	11.4	18.2	52.6	18.3	52.5	2.2	0.0
21	295	26.5	11.0	18.8	50.9	19.4	159.1	14.1	30.4
22	296	19.0	15.0	17.0	62.6	9.2	159.3	1.5	0.0
23	297	19.6	15.2	17.4	61.8	12.7	80.5	3.3	4.2
24	298	20.0	14.1	17.1	61.6	9.8	102.7	0.9	0.0
25	299	21.0	13.2	17.1	57.2	13.9	102.9	2.9	0.0
26	300	21.0	8.0	14.5	48.0	18.4	59.1	2.9	0.0
27	301	21.5	5.5	13.5	49.4	15.9	129.0	4.0	0.0
28	302	20.4	13.0	16.7	59.0	5.7	231.9	6.2	17.2
29	303	17.5	8.0	12.8	54.5	17.6	112.7	2.4	0.0
30	304	16.7	6.0	11.4	59.0	13.3	188.0	2.4	0.0
31	305	17.4	3.8	10.6	57.0	15.3	260.2	2.0	0.0
Mean/Total		25.8	9.8	17.8	46.2	17.2	142.9	6.2	69.9
Abs. Max.		38.0	16.4	25.5	66.3	21.9	347.2	14.1	30.4
Abs. Min.		16.7	3.0	10.6	27.6	5.7	52.5	0.9	0.0

**BOUEIDAR - DAILY SOIL TEMPERATURE
OCTOBER 1987**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	275	38.8	17.6	28.2	34.0	25.0	29.5	28.0	26.0	27.0
2	276	37.5	25.7	31.6	33.7	25.1	29.4	28.0	26.1	27.1
3	277	35.8	25.0	30.4	32.2	24.6	28.4	27.6	26.0	26.8
4	278	33.1	25.8	29.5	30.2	25.0	27.6	27.1	25.5	26.3
5	279	33.2	20.8	27.0	29.6	21.0	25.3	25.9	23.3	24.6
6	280	33.0	19.0	26.0	29.0	19.5	24.3	24.5	22.2	23.4
7	281	32.9	19.1	26.0	28.8	19.5	24.2	24.0	22.0	23.0
8	282	30.8	19.2	25.0	27.0	19.4	23.2	23.8	22.0	22.9
9	283	31.8	17.8	24.8	27.9	17.8	22.9	24.0	22.0	23.0
10	284	30.9	17.7	24.3	27.0	17.8	22.4	23.8	21.8	22.8
11	285	30.8	18.0	24.4	27.0	18.0	22.5	23.8	21.8	22.8
12	286	31.0	19.3	25.2	27.2	19.0	23.1	24.0	22.0	23.0
13	287	31.0	19.0	25.0	27.2	19.0	23.1	23.9	22.0	23.0
14	288	30.2	19.0	24.6	27.0	18.5	22.8	24.0	22.0	23.0
15	289	30.5	21.0	25.8	26.8	20.1	23.5	24.0	22.8	23.4
16	290	30.2	21.2	25.7	26.5	20.1	23.3	24.2	23.0	23.6
17	291	28.3	20.9	24.6	25.0	19.8	22.4	24.0	22.8	23.4
18	292	24.9	20.5	22.7	23.0	20.2	21.6	23.8	22.8	23.3
19	293	26.8	18.8	22.8	24.2	18.4	21.3	23.0	21.8	22.4
20	294	27.6	16.3	22.0	24.3	16.3	20.3	22.8	20.9	21.9
21	295	27.6	17.0	22.3	24.0	16.7	20.4	22.5	20.7	21.6
22	296	21.0	18.0	19.5	20.8	17.0	18.9	22.3	21.0	21.7
23	297	23.2	17.8	20.5	22.0	18.0	20.0	21.5	20.0	20.8
24	298	21.5	17.0	19.3	20.8	17.5	19.2	21.0	20.0	20.5
25	299	22.2	16.2	19.2	21.0	17.0	19.0	20.6	19.2	19.9
26	300	22.6	14.0	18.3	21.0	15.0	18.0	20.2	18.0	19.1
27	301	20.6	12.0	16.3	19.0	13.0	16.0	19.2	16.6	17.9
28	302	17.5	14.9	16.2	17.0	15.3	16.2	18.2	17.4	17.8
29	303	20.0	11.7	15.9	18.3	12.5	15.4	17.2	15.8	16.5
30	304	15.6	11.0	13.3	15.0	12.0	13.5	16.8	14.8	15.8
31	305	18.1	9.5	13.8	16.3	10.5	13.4	15.6	13.8	14.7
Mean		27.7	18.1	22.9	24.9	18.3	21.6	22.9	21.2	22.0
Abs.Max.		38.8	25.8	31.6	34.0	25.1	29.5	28.0	26.1	27.1
Abs.Min.		15.6	9.5	13.3	15.0	10.5	13.4	15.6	13.8	14.7

BOUEIDAR - DAILY CLIMATIC DATA
NOVEMBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	306	13.5	11.0	12.3	69.2	6.5	215.3	4.1	25.8
2	307	19.6	10.9	15.3	59.7	10.7	366.5	3.3	0.0
3	308	18.0	7.5	12.8	57.5	17.0	75.2	2.9	0.0
4	309	18.0	5.0	11.5	57.1	16.5	72.3	3.9	0.8
5	310	15.5	12.0	13.8	65.5	12.3	73.4	2.0	4.4
6	311	15.0	10.0	12.5	69.0	4.1	334.3	0.8	2.8
7	312	15.3	3.4	9.4	57.0	16.5	186.1	1.8	0.0
8	313	15.0	1.0	8.0	58.6	16.0	38.3	1.8	0.0
9	314	16.0	6.0	11.0	62.0	15.4	56.5	1.8	0.0
10	315	16.8	2.0	9.4	63.4	15.7	56.2	1.5	0.0
11	316	16.5	2.1	9.3	64.0	13.8	67.8	2.6	0.8
12	317	17.4	3.0	10.2	67.8	14.6	117.6	1.8	0.0
13	318	19.0	5.0	12.0	66.1	14.5	101.2	2.4	0.0
14	319	19.6	4.4	12.0	65.3	14.3	28.7	2.0	0.0
15	320	20.4	3.8	12.1	66.5	14.8	43.7	1.1	0.0
16	321	20.1	1.9	11.0	66.3	15.0	32.0	2.4	0.0
17	322	20.0	3.0	11.5	67.0	13.8	39.5	1.1	0.0
18	323	19.0	5.0	12.0	66.1	13.9	48.5	2.2	0.0
19	324	19.0	2.0	10.5	69.5	14.0	49.4	0.9	0.0
20	325	18.2	5.0	11.6	74.9	9.1	74.1	2.2	0.0
21	326	18.9	4.9	11.9	71.5	11.9	70.5	2.6	2.6
22	327	18.6	6.5	12.6	72.5	13.8	49.2	2.0	0.0
23	328	19.3	4.1	11.7	69.0	12.9	97.8	1.1	0.0
24	329	19.7	4.0	11.9	67.0	14.0	30.2	1.8	0.0
25	330	19.6	1.0	10.3	66.5	14.1	31.7	2.2	0.0
26	331	18.8	0.7	9.8	65.8	11.3	29.3	1.3	0.0
27	332	18.1	0.7	9.4	68.3	13.4	25.6	1.8	0.0
28	333	17.0	1.0	9.0	69.0	11.1	37.2	2.0	0.0
29	334	19.5	0.8	10.2	62.5	13.4	133.8	2.2	0.0
30	335	18.7	-1.2	8.8	58.6	13.8	129.3	2.9	0.0
Mean/Total		18.0	4.2	11.1	65.4	13.3	90.4	2.1	37.2
Abs. Max.		20.4	12.0	15.3	74.9	17.0	366.5	4.1	25.8
Abs. Min.		13.5	-1.2	8.0	57.0	4.1	25.6	0.8	0.0

**BOUEIDAR - DAILY SOIL TEMPERATURE
NOVEMBER 1987**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	306	15.2	13.5	14.4	15.0	13.8	14.4	15.5	15.0	15.3
2	307	17.0	13.0	15.0	16.1	13.7	14.9	15.6	15.0	15.3
3	308	19.0	10.7	14.9	17.0	11.2	14.1	15.5	13.2	14.4
4	309	18.9	9.9	14.4	16.8	11.0	13.9	15.0	13.0	14.0
5	310	17.4	11.0	14.2	16.0	11.7	13.9	15.0	13.2	14.1
6	311	15.0	12.5	13.8	14.6	13.0	13.8	15.0	14.2	14.6
7	312	15.2	10.0	12.6	14.2	11.3	12.8	14.0	13.0	13.5
8	313	16.8	7.0	11.9	14.6	8.4	11.5	13.3	11.2	12.3
9	314	17.6	10.0	13.8	15.9	11.0	13.5	14.0	12.2	13.1
10	315	17.2	8.0	12.6	15.2	9.3	12.3	13.8	12.0	12.9
11	316	16.0	8.2	12.1	14.2	9.5	11.9	13.1	11.9	12.5
12	317	16.5	8.7	12.6	14.8	9.9	12.4	13.2	11.8	12.5
13	318	17.1	8.7	12.9	15.0	9.6	12.3	13.8	11.7	12.8
14	319	18.0	9.4	13.7	16.0	10.2	13.1	14.1	12.1	13.1
15	320	18.4	9.1	13.8	16.0	10.0	13.0	14.1	12.1	13.1
16	321	18.1	8.5	13.3	15.8	9.8	12.8	14.0	12.0	13.0
17	322	17.8	9.0	13.4	15.2	10.0	12.6	13.8	12.0	12.9
18	323	18.2	10.0	14.1	16.0	10.7	13.4	14.0	12.2	13.1
19	324	17.3	8.9	13.1	15.2	10.0	12.6	13.8	12.0	12.9
20	325	16.0	9.2	12.6	14.4	10.2	12.3	13.3	12.0	12.7
21	326	17.4	8.9	13.2	15.6	10.0	12.8	14.0	12.0	13.0
22	327	19.0	11.0	15.0	17.0	12.0	14.5	14.8	13.0	13.9
23	328	17.4	9.3	13.4	15.8	10.6	13.2	14.0	12.5	13.3
24	329	18.0	9.0	13.5	15.9	10.1	13.0	14.0	12.1	13.1
25	330	17.2	8.0	12.6	15.0	9.2	12.1	13.2	11.6	12.4
26	331	14.4	7.1	10.8	13.0	8.6	10.8	12.7	11.0	11.9
27	332	15.0	5.7	10.4	13.2	7.5	10.4	11.8	10.0	10.9
28	333	14.0	6.0	10.0	12.4	7.8	10.1	11.2	10.0	10.6
29	334	14.8	6.2	10.5	13.0	7.8	10.4	11.5	10.0	10.8
30	335	13.8	5.0	9.4	12.0	7.0	9.5	11.0	9.2	10.1
Mean		16.8	9.1	12.9	15.0	10.2	12.6	13.7	12.1	12.9
Abs.Max.		19.0	13.5	15.0	17.0	13.8	14.9	15.6	15.0	15.3
Abs.Min.		13.8	5.0	9.4	12.0	7.0	9.5	11.0	9.2	10.1

BOUEIDAR - DAILY CLIMATIC DATA
DECEMBER 1987

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	336	17.0	-0.8	8.1	59.0	10.7	52.4	2.0	0.0
2	337	17.5	3.1	10.3	63.9	10.4	117.6	2.9	0.0
3	338	19.0	4.1	11.6	61.4	11.3	239.2	5.1	0.0
4	339	10.1	7.4	8.8	72.5	3.0	94.7	0.8	3.8
5	340	12.5	2.5	7.5	77.5	8.1	148.0	0.8	0.0
6	341	13.2	1.5	7.4	67.0	11.6	201.2	2.2	0.0
7	342	15.9	-0.3	7.8	68.5	10.6	178.9	0.5	3.8
8	343	10.0	8.6	9.3	86.0	2.6	99.9	0.5	0.0
9	344	11.9	7.0	9.5	82.3	6.9	90.2	0.5	0.0
10	345	11.0	8.0	9.5	85.9	3.0	88.6	1.3	0.0
11	346	12.7	7.3	10.0	82.0	5.9	101.1	0.5	3.4
12	347	12.8	7.0	9.9	85.6	3.0	110.1	0.4	6.2
13	348	16.4	10.0	13.2	79.0	8.2	110.0	0.0	0.0
14	349	13.9	9.1	11.5	80.8	8.7	90.1	0.0	1.4
15	350	11.9	9.2	10.6	83.8	4.0	209.2	0.9	0.0
16	351	13.9	9.7	11.8	79.5	7.0	182.9	1.3	0.0
17	352	13.2	9.0	11.1	80.1	5.8	107.8	0.4	0.0
18	353	12.0	9.5	10.8	83.3	3.7	74.3	0.1	1.4
19	354	13.3	9.8	11.6	80.5	5.9	74.5	0.4	0.0
20	355	15.0	8.2	11.6	79.0	7.6	154.4	1.2	1.2
21	356	15.7	10.0	12.9	72.0	8.5	301.8	3.1	0.0
22	357	14.0	6.0	10.0	76.0	5.9	174.5	0.6	0.6
23	358	11.0	6.7	8.9	80.8	4.8	57.7	1.2	1.2
24	359	14.0	5.0	9.5	73.0	7.7	380.7	1.2	1.2
25	360	9.9	1.8	5.9	69.3	12.0	137.7	1.4	1.4
26	361	4.3	1.8	3.1	72.7	5.2	99.1	0.3	0.0
27	362	4.0	-11.5	-3.8	80.7	7.3	85.2	0.3	7.2
28	363	-4.0	-9.5	-6.8	86.0	9.9	m	0.3	0.0
29	364	3.0	-7.5	-2.3	87.0	5.4	100.4	0.3	8.4
30	365	11.0	0.6	5.8	74.4	10.8	64.6	0.3	0.0
31	366	10.0	-1.0	4.5	78.3	12.5	217.9	1.2	3.4
Mean/Total		11.8	4.3	8.1	77.0	7.4	m	1.0	44.6
Abs. Max.		19.0	10.0	13.2	87.0	12.5	m	5.1	8.4
Abs. Min.		-4.0	-11.5	-6.8	59.0	2.6	m ts	0.0	0.0

**BOUEIDAR - DAILY SOIL TEMPERATURE
DECEMBER 1987**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	336	12.4	4.8	8.6	11.0	6.2	8.6	10.2	8.8	9.5
2	337	12.9	5.9	9.4	11.4	7.0	9.2	10.3	9.0	9.7
3	338	14.0	7.2	10.6	12.4	8.2	10.3	11.0	9.7	10.4
4	339	10.2	9.0	9.6	10.6	9.6	10.1	11.0	10.0	10.5
5	340	12.4	7.5	10.0	11.5	8.9	10.2	10.8	10.0	10.4
6	341	12.0	5.5	8.8	10.8	6.7	8.8	10.0	9.0	9.5
7	342	12.6	4.6	8.6	11.0	6.0	8.5	10.0	8.1	9.1
8	343	10.3	9.4	9.9	10.2	9.7	10.0	10.0	10.0	10.0
9	344	12.5	9.0	10.8	11.6	9.2	10.4	11.0	10.0	10.5
10	345	11.0	9.4	10.2	10.8	9.8	10.3	10.9	10.2	10.6
11	346	13.0	9.8	11.4	12.0	10.0	11.0	11.1	10.3	10.7
12	347	11.7	9.0	10.4	11.0	9.5	10.3	11.0	10.2	10.6
13	348	14.9	10.5	12.7	13.5	10.5	12.0	12.0	11.0	11.5
14	349	15.0	10.4	12.7	14.0	10.8	12.4	12.3	11.2	11.8
15	350	12.4	11.0	11.7	12.0	11.0	11.5	12.0	11.7	11.9
16	351	13.0	10.0	11.5	12.2	10.2	11.2	11.9	11.0	11.5
17	352	13.0	10.0	11.5	12.0	10.5	11.3	12.0	11.0	11.5
18	353	12.0	10.6	11.3	12.0	11.0	11.5	12.0	11.0	11.5
19	354	14.4	11.0	12.7	13.4	11.0	12.2	12.4	11.5	11.9
20	355	14.0	10.0	12.0	13.0	10.5	11.8	12.0	11.2	11.6
21	356	14.0	11.0	12.5	13.0	11.0	12.0	12.3	11.7	12.0
22	357	12.5	8.9	10.7	11.9	9.6	10.8	11.5	11.0	11.3
23	358	11.7	8.9	10.3	11.0	9.3	10.2	11.0	10.5	10.8
24	359	11.0	7.0	9.0	10.3	8.1	9.2	11.0	9.6	10.3
25	360	12.0	5.0	8.5	10.1	6.1	8.1	9.5	8.1	8.9
26	361	7.9	5.6	6.8	8.0	6.4	7.2	9.0	8.0	8.5
27	362	6.1	3.0	4.6	6.9	4.0	5.5	8.0	5.7	6.9
28	363	3.0	2.0	2.5	4.0	3.0	3.5	5.6	4.5	5.1
29	364	3.7	2.0	2.9	3.8	2.4	3.1	4.5	4.0	4.3
30	365	9.7	3.8	6.8	7.9	3.9	5.9	6.6	4.5	5.6
31	366	7.5	2.7	5.1	7.0	3.2	5.1	6.0	5.0	5.5
Mean		11.4	7.6	9.5	10.7	8.2	9.4	10.3	9.3	9.8
Abs.Max.		15.0	11.0	12.7	14.0	11.0	12.4	12.4	11.7	12.0
Abs.Min.		3.0	2.0	2.5	3.8	2.4	3.1	4.5	4.0	4.3

BOUEIDAR - DAILY CLIMATIC DATA
JANUARY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	1	5.0	-0.5	2.3	83.0	3.2	116.4	0.7	0.0
2	2	6.1	-2.0	2.1	81.0	6.1	77.7	0.7	0.0
3	3	6.8	-1.0	2.9	81.5	6.8	71.4	0.7	0.0
4	4	4.9	1.3	3.1	83.8	3.4	241.0	1.8	16.2
5	5	6.0	3.8	4.9	85.3	2.6	69.4	0.2	1.2
6	6	9.0	0.8	4.9	80.0	5.2	90.4	0.2	0.0
7	7	13.4	-2.0	5.7	71.0	13.0	35.8	0.5	0.0
8	8	13.5	-1.0	6.3	73.5	13.0	33.3	0.5	0.0
9	9	10.0	0.8	5.4	83.5	9.5	63.5	0.5	0.0
10	10	12.5	-1.8	5.4	71.5	12.1	83.0	0.5	1.0
11	11	7.0	3.0	5.0	84.0	4.1	m	1.1	6.8
12	12	8.0	0.0	4.0	83.0	5.0	m	0.2	0.4
13	13	13.3	2.1	7.7	77.0	7.6	m	0.1	1.2
14	14	8.0	5.0	6.5	78.3	4.3	m	0.1	1.4
15	15	5.5	3.0	4.3	83.4	3.1	m	0.6	3.2
16	16	7.2	3.0	5.1	75.7	9.5	m	1.5	3.2
17	17	6.2	1.4	3.8	79.0	4.1	m	0.7	3.8
18	18	11.6	-2.6	4.5	68.5	13.8	m	1.5	0.0
19	19	12.3	0.0	6.2	70.5	14.2	m	0.4	0.0
20	20	9.0	2.8	5.9	81.9	6.9	m	0.4	3.8
21	21	8.0	4.2	6.1	82.6	5.6	m	1.2	1.2
22	22	8.2	4.4	6.3	78.7	7.2	m	0.3	2.4
23	23	8.0	5.0	6.5	86.5	3.5	m	1.1	9.2
24	24	8.7	5.0	6.9	83.5	3.8	m	0.9	13.8
25	25	11.1	5.9	8.5	88.8	7.7	m	0.6	1.8
26	26	13.0	3.8	8.4	80.6	11.9	m	0.2	0.0
27	27	14.0	9.0	11.5	87.0	7.5	m	0.2	6.6
28	28	11.0	0.2	5.6	87.0	6.0	m	0.8	0.8
29	29	14.8	2.0	8.4	76.0	14.2	m	1.0	0.0
30	30	14.2	4.0	9.1	82.5	8.3	m	0.7	0.0
31	31	15.9	5.3	10.6	80.0	11.6	m	0.7	2.2
Mean/Total		9.7	2.1	5.9	80.3	7.6	m	0.7	80.2
Abs. Max.		15.9	9.0	11.5	88.8	14.2	m	1.8	16.2
Abs. Min.		4.9	-2.6	2.1	68.5	2.6	m	0.1	0.0

**BOUEIDAR - DAILY SOIL TEMPERATURE
JANUARY 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	1	5.0	2.0	3.5	5.8	3.5	4.7	5.9	5.0	5.5
2	2	5.3	1.0	3.2	5.5	3.0	4.3	5.2	4.3	4.8
3	3	5.0	1.0	3.0	5.0	2.6	3.8	4.9	4.0	4.5
4	4	3.8	1.2	2.5	4.0	2.7	3.4	4.8	4.0	4.4
5	5	4.9	3.0	4.0	5.0	4.0	4.5	5.5	4.8	5.2
6	6	7.5	2.3	4.9	7.2	4.5	5.9	6.4	5.5	6.0
7	7	11.0	2.4	6.7	9.0	4.0	6.5	8.0	5.5	6.8
8	8	11.9	3.5	7.7	9.2	4.0	6.6	8.0	6.2	7.1
9	9	10.0	4.0	7.0	8.0	4.4	6.2	7.8	6.3	7.1
10	10	12.5	4.2	8.4	10.0	5.0	7.5	8.9	7.0	8.0
11	11	7.3	4.3	5.8	6.2	4.9	5.6	7.0	6.6	6.8
12	12	9.0	4.2	6.6	7.8	4.4	6.1	8.0	6.9	7.5
13	13	10.0	4.3	7.2	8.0	4.0	6.0	8.0	6.7	7.4
14	14	10.0	7.4	8.7	8.4	7.0	7.7	8.2	8.0	8.1
15	15	8.3	5.9	7.1	7.0	5.5	6.3	8.0	7.0	7.5
16	16	11.0	5.8	8.4	9.0	5.4	7.2	8.0	7.0	7.5
17	17	7.5	4.3	5.9	6.2	4.5	5.4	7.0	6.5	6.8
18	18	9.6	3.0	6.3	7.9	3.1	5.5	7.2	5.8	6.5
19	19	10.8	3.0	6.9	8.1	3.0	5.6	7.3	5.6	6.5
20	20	9.3	5.2	7.3	7.6	4.8	6.2	7.5	6.3	6.9
21	21	10.0	6.4	8.2	8.3	6.3	7.3	8.0	7.2	7.6
22	22	9.8	6.4	8.1	8.0	6.0	7.0	8.0	7.2	7.6
23	23	9.0	7.0	8.0	8.0	6.4	7.2	8.0	7.8	7.9
24	24	8.8	7.0	7.9	7.7	6.3	7.0	8.0	7.8	7.9
25	25	11.0	7.8	9.4	10.0	7.0	8.5	9.0	8.0	8.5
26	26	14.4	7.0	10.7	11.5	6.9	9.2	10.0	8.3	9.2
27	27	12.2	7.9	10.1	10.0	7.0	8.5	9.5	8.3	8.9
28	28	12.6	5.0	8.8	10.8	5.4	8.1	10.0	8.0	9.0
29	29	13.9	5.0	9.5	11.0	5.0	8.0	9.7	8.0	8.9
30	30	12.5	7.1	9.8	10.2	7.0	8.6	9.9	8.5	9.2
31	31	14.8	8.0	11.4	12.0	7.6	9.8	10.5	9.0	9.8
Mean		9.6	4.7	7.2	8.1	5.0	6.6	7.8	6.7	7.3
Abs.Max.		14.8	8.0	11.4	12.0	7.6	9.8	10.5	9.0	9.8
Abs.Min.		3.8	1.0	2.5	4.0	2.6	3.4	4.8	4.0	4.4

BOUEIDAR - DAILY CLIMATIC DATA
FEBRUARY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	32	12.5	6.0	9.3	86.5	5.6	m	1.3	7.8
2	33	10.4	0.5	5.5	84.2	9.6	m	1.2	1.2
3	34	13.8	5.0	9.4	77.2	13.4	m	2.7	0.0
4	35	13.7	-1.0	6.4	76.5	15.3	m	1.7	0.0
5	36	10.7	0.5	5.6	74.5	16.9	m	0.4	0.0
6	37	10.7	3.0	6.9	75.5	11.9	m	2.6	0.0
7	38	8.5	3.0	5.8	84.0	6.1	m	0.9	0.0
8	39	13.0	-1.9	5.6	70.8	16.7	m	3.4	0.0
9	40	15.0	0.0	7.5	74.1	17.4	m	1.6	0.0
10	41	13.6	2.0	7.8	79.1	14.4	m	0.6	0.0
11	42	15.0	0.2	7.6	77.2	17.0	m	0.6	0.0
12	43	14.5	4.0	9.3	80.0	13.9	m	1.6	1.6
13	44	10.0	8.0	9.0	89.5	5.2	m	0.4	3.2
14	45	13.0	8.0	10.5	81.2	14.6	m	2.4	0.0
15	46	10.0	7.0	8.5	90.1	4.4	m	1.2	27.8
16	47	7.0	2.4	4.7	91.5	5.2	m	1.8	8.2
17	48	m	5.2	m	85.4	17.0	m	0.7	0.0
18	49	m	6.0	m	87.9	11.6	m	0.7	6.6
19	50	m	4.0	m	89.5	9.2	m	1.3	3.2
20	51	m	1.0	m	m	10.8	m	1.3	0.0
21	52	m	6.0	m	84.5	15.0	m	1.3	0.0
22	53	12.4	5.0	8.7	81.3	7.9	m	2.0	1.0
23	54	9.4	2.1	5.8	80.5	12.8	m	0.6	2.4
24	55	8.1	-0.6	3.8	77.0	10.8	m	0.9	0.0
25	56	11.2	1.6	6.4	72.0	20.3	m	2.0	0.0
26	57	12.9	7.0	10.0	77.2	19.4	m	4.2	0.0
27	58	13.0	7.0	10.0	80.7	14.3	m	1.6	0.8
28	59	11.0	7.0	9.0	94.0	4.1	m	0.1	10.6
29	60	15.0	3.0	9.0	85.0	8.7	m	0.9	3.4
Mean/Total		m	3.5	m	m	12.1	m	1.4	77.8
Abs. Max.		m	8.0	m	m	20.3	m	4.2	27.8
Abs. Min.		m	-1.9	m	m	4.1	m	0.1	0.0

**BOUEIDAR - DAILY SOIL TEMPERATURE
FEBRUARY 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	32	11.0	8.0	9.5	10.3	7.3	8.8	9.9	8.9	9.4
2	33	13.0	5.0	9.0	10.8	5.8	8.3	10.0	8.2	9.1
3	34	13.0	5.0	9.0	10.7	5.2	8.0	9.8	8.0	8.9
4	35	15.1	4.8	10.0	12.3	5.5	8.9	10.6	8.3	9.5
5	36	14.0	4.7	9.4	11.0	5.0	8.0	9.6	7.7	8.7
6	37	10.0	5.0	7.5	8.2	5.0	6.6	8.2	7.6	8.0
7	38	9.0	6.0	7.5	7.6	6.0	6.8	8.0	7.4	7.7
8	39	13.2	3.0	8.1	11.2	4.2	7.7	9.2	7.3	8.3
9	40	13.9	3.0	8.5	11.4	4.2	7.8	9.3	7.1	8.2
10	41	12.2	3.0	7.6	10.8	4.5	7.7	9.5	7.5	8.5
11	42	15.8	5.2	10.5	13.5	6.9	10.2	11.0	9.0	10.0
12	43	12.6	5.2	8.9	11.2	6.5	8.9	10.2	9.0	9.6
13	44	10.0	8.0	9.0	10.0	8.5	9.3	10.0	9.5	9.8
14	45	13.6	8.0	10.8	12.3	8.3	10.3	11.0	9.5	10.3
15	46	10.4	8.2	9.3	11.1	8.9	10.0	10.0	9.7	9.9
16	47	9.2	5.3	7.3	10.2	7.8	9.0	9.7	8.5	9.1
17	48	14.9	5.5	10.2	13.8	7.5	10.7	10.3	8.3	9.3
18	49	13.4	8.0	10.7	13.2	9.5	11.4	10.9	9.7	10.3
19	50	13.0	7.0	10.0	12.8	9.0	10.9	10.7	9.5	10.1
20	51	13.0	5.6	9.3	12.9	8.0	10.5	10.4	9.2	9.8
21	52	14.3	5.6	10.0	13.0	8.0	10.5	10.4	9.1	9.8
22	53	10.3	7.3	8.8	10.2	8.8	9.5	10.0	9.0	9.5
23	54	11.3	5.1	8.2	11.0	7.0	9.0	9.6	8.0	8.8
24	55	9.2	3.5	6.4	9.3	5.3	7.3	8.4	7.0	7.7
25	56	14.5	4.0	9.3	12.9	5.3	9.1	9.2	7.0	8.1
26	57	12.3	6.0	9.2	11.5	6.5	9.0	9.0	7.8	8.4
27	58	13.8	8.0	10.9	13.0	8.9	11.0	10.1	8.9	9.5
28	59	10.2	9.0	9.6	10.6	9.6	10.1	9.6	9.2	9.4
29	60	12.0	5.8	8.9	12.0	7.8	9.9	10.0	9.0	9.5
Mean		12.4	5.8	9.1	11.3	6.9	9.1	9.8	8.4	9.1
Abs.Max.		15.8	9.0	10.9	13.8	9.6	11.4	11.0	9.7	10.3
Abs.Min.		9.0	3.0	6.4	7.6	4.2	6.6	8.0	7.0	7.7

BOUEIDAR - DAILY CLIMATIC DATA
MARCH 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	61	14.9	8.7	11.8	75.4	16.3	m	0.4	1.4
2	62	16.9	8.0	12.5	75.5	15.2	m	3.3	0.0
3	63	15.0	8.0	11.5	71.5	20.7	m	1.6	5.9
4	64	10.2	-1.8	4.2	70.8	20.6	m	2.6	0.0
5	65	11.4	-0.2	5.6	76.5	22.0	m	2.6	0.0
6	66	10.8	2.3	6.6	77.7	12.7	m	3.0	0.9
7	67	9.7	6.8	8.3	90.5	5.5	m	1.0	6.4
8	68	8.0	2.8	5.4	88.0	6.3	m	0.4	5.6
9	69	13.8	8.0	10.9	85.0	9.7	m	1.2	3.4
10	70	14.2	6.0	10.1	80.1	11.8	m	1.7	0.0
11	71	13.0	5.0	9.0	78.0	13.1	m	1.5	2.4
12	72	14.2	6.6	10.4	78.5	17.6	m	0.4	2.2
13	73	12.0	3.0	7.5	83.6	11.7	m	0.7	2.8
14	74	16.2	4.8	10.5	74.8	22.9	m	2.5	0.0
15	75	16.0	1.5	8.8	80.0	13.8	m	1.1	0.0
16	76	16.8	1.2	9.0	75.5	23.1	m	2.3	0.0
17	77	19.2	6.0	12.6	77.0	20.1	m	1.1	0.0
18	78	18.2	7.0	12.6	77.0	22.5	m	1.2	0.0
19	79	17.0	8.4	12.7	80.5	10.3	m	m	7.2
20	80	11.9	5.0	8.5	85.0	9.5	m	0.0	1.6
21	81	15.0	6.2	10.6	76.7	19.8	m	2.1	0.0
22	82	13.0	1.0	7.0	80.5	12.5	m	3.0	0.0
23	83	17.2	4.0	10.6	75.4	25.2	m	2.0	0.0
24	84	18.0	4.6	11.3	74.1	25.3	m	2.5	0.0
25	85	21.0	9.8	15.4	75.8	24.4	m	3.4	0.0
26	86	16.2	9.4	12.8	76.5	19.8	m	2.8	1.2
27	87	17.5	3.0	10.3	79.3	19.5	m	2.5	0.0
28	88	18.8	4.0	11.4	78.0	21.4	m	3.3	0.0
29	89	19.6	5.0	12.3	76.0	21.6	m	2.5	0.0
30	90	15.0	0.2	7.6	80.1	14.1	m	1.7	0.0
31	91	17.8	0.1	9.0	73.9	23.4	m	2.5	0.0
Mean/Total		15.1	4.7	9.9	78.3	17.2	m	m	41.0
Abs. Max.		21.0	9.8	15.4	90.5	25.3	m	m	7.2
Abs. Min.		8.0	-1.8	4.2	70.8	5.5	m	m	0.0

BOUEIDAR - DAILY SOIL TEMPERATURE
MARCH 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	61	13.8	6.0	9.9	12.9	7.6	10.3	10.0	8.8	9.4
2	62	15.0	8.0	11.5	14.2	9.8	12.0	11.2	10.0	10.6
3	63	15.4	8.2	11.8	14.3	9.8	12.1	11.1	10.0	10.6
4	64	12.0	4.0	8.0	12.0	6.5	9.3	10.6	8.1	9.4
5	65	15.4	4.0	9.7	14.0	6.0	10.0	10.0	8.0	9.0
6	66	10.8	5.0	7.9	10.7	7.3	9.0	9.0	8.3	8.7
7	67	9.8	7.7	8.8	10.0	8.8	9.4	9.0	9.0	9.0
8	68	10.5	6.9	8.7	10.4	8.0	9.2	9.0	8.6	8.8
9	69	12.0	7.4	9.7	11.4	8.0	9.7	9.7	8.7	9.2
10	70	13.0	8.0	10.5	12.1	9.1	10.6	10.0	9.3	9.7
11	71	12.8	6.8	9.8	12.0	8.1	10.1	10.0	9.0	9.5
12	72	13.8	7.3	10.6	12.8	8.1	10.5	10.0	9.0	9.5
13	73	12.2	7.0	9.6	12.0	8.8	10.4	10.0	9.4	9.7
14	74	16.4	8.2	12.3	14.0	8.8	11.4	10.8	9.7	10.3
15	75	13.8	7.0	10.4	12.8	8.6	10.7	10.9	10.0	10.5
16	76	18.7	8.0	13.4	16.0	8.6	12.3	11.9	10.0	11.0
17	77	18.4	9.0	13.7	16.2	10.0	13.1	12.2	10.7	11.5
18	78	19.9	10.3	15.1	17.0	11.2	14.1	13.0	11.8	12.4
19	79	14.4	10.0	12.2	13.5	11.0	12.3	12.0	11.3	11.7
20	80	12.2	8.4	10.3	12.0	9.7	10.9	11.2	10.2	10.7
21	81	16.0	9.0	12.5	13.8	9.4	11.6	11.2	10.2	10.7
22	82	15.0	7.1	11.1	13.8	9.2	11.5	11.3	10.3	10.8
23	83	17.0	7.3	12.2	14.4	9.0	11.7	11.6	10.0	10.8
24	84	20.2	9.0	14.6	17.0	10.0	13.5	12.6	10.8	11.7
25	85	21.5	10.0	15.8	18.0	11.0	14.5	13.4	11.4	12.4
26	86	16.6	11.1	13.9	15.0	12.1	13.6	13.0	12.0	12.5
27	87	17.0	10.0	13.5	15.2	11.2	13.2	13.0	12.0	12.5
28	88	17.9	10.1	14.0	15.9	11.1	13.5	12.9	11.8	12.4
29	89	17.8	10.0	13.9	15.8	11.2	13.5	12.6	11.7	12.2
30	90	14.0	7.8	10.9	13.4	9.8	11.6	12.0	10.8	11.4
31	91	18.1	7.8	13.0	15.3	9.2	12.3	12.0	10.5	11.3
Mean		15.2	7.9	11.6	13.8	9.3	11.5	11.2	10.0	10.6
Abs.Max.		21.5	11.1	15.8	18.0	12.1	14.5	13.4	12.0	12.5
Abs.Min.		9.8	4.0	7.9	10.0	6.0	9.0	9.0	8.0	8.7

BOUEIDAR - DAILY CLIMATIC DATA
APRIL 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad, MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	92	18.0	-0.4	8.8	71.5	31.0	m	3.1	0.0
2	93	20.0	0.0	10.0	68.1	24.9	m	3.0	0.0
3	94	22.2	4.3	13.3	69.5	27.7	m	3.1	0.0
4	95	16.8	3.0	9.9	73.0	13.9	m	1.9	0.0
5	96	17.0	1.6	9.3	70.5	17.6	m	1.0	0.0
6	97	24.2	6.0	15.1	68.0	20.4	m	2.5	0.0
7	98	21.0	8.9	15.0	79.0	13.2	m	1.6	0.0
8	99	20.0	8.1	14.1	69.5	14.9	m	1.7	0.0
9	100	23.2	5.6	14.4	71.7	20.5	m	3.3	0.0
10	101	25.6	10.0	17.8	71.6	26.3	m	3.0	0.0
11	102	22.8	11.4	17.1	79.5	16.0	m	2.2	0.0
12	103	22.6	10.6	16.6	77.5	26.5	m	4.3	0.0
13	104	23.6	13.4	18.5	80.0	16.1	m	1.5	5.8
14	105	20.6	4.9	12.8	76.8	19.8	m	0.5	2.6
15	106	22.0	10.4	16.2	78.0	21.5	m	3.2	0.0
16	107	21.9	11.9	16.9	79.5	21.7	m	0.8	10.8
17	108	19.2	4.5	11.9	76.0	24.7	m	3.6	1.0
18	109	18.9	8.9	13.9	72.0	25.1	m	2.5	0.0
19	110	21.0	9.0	15.0	74.5	23.2	m	3.0	0.0
20	111	23.2	8.0	15.6	71.9	20.5	m	2.4	5.2
21	112	18.8	7.2	13.0	72.5	20.7	m	4.2	0.0
22	113	18.1	2.1	10.1	74.0	19.7	m	3.0	0.0
23	114	19.4	8.0	13.7	71.8	24.8	m	3.8	0.0
24	115	22.0	6.8	14.4	70.8	23.4	m	2.8	0.0
25	116	25.8	4.8	15.3	64.5	27.3	m	5.9	0.0
26	117	27.9	5.5	16.7	65.0	28.9	m	6.9	0.0
27	118	30.0	12.0	21.0	63.1	27.4	m	5.1	0.0
28	119	29.6	13.0	21.3	65.0	26.4	m	5.2	0.0
29	120	28.0	12.0	20.0	71.5	27.1	m	5.9	0.0
30	121	26.0	14.0	20.0	66.5	19.6	m	6.6	0.0
Mean/Total		22.3	7.5	14.9	72.1	22.4	m	3.2	25.4
Abs. Max.		30.0	14.0	21.3	80.0	31.0	m	6.9	10.8
Abs. Min.		16.8	-0.4	8.8	63.1	13.2	m	0.5	0.0

BOUEIDAR - DAILY SOIL TEMPERATURE
APRIL 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	92	20.0	8.5	14.3	17.0	10.0	13.5	12.3	10.8	11.6
2	93	20.8	9.0	14.9	17.3	10.1	13.7	12.7	11.0	11.9
3	94	21.2	9.4	15.3	18.0	10.8	14.4	13.0	11.0	12.0
4	95	16.0	9.0	12.5	16.0	10.2	13.1	12.8	11.1	12.0
5	96	16.3	8.9	12.6	16.2	10.0	13.1	13.0	11.0	12.0
6	97	19.8	9.0	14.4	19.2	10.0	14.6	14.5	11.1	12.8
7	98	18.2	11.8	15.0	18.0	12.7	15.4	14.8	12.9	13.9
8	99	18.4	12.5	15.5	18.7	13.3	16.0	15.0	13.4	14.2
9	100	21.3	12.5	16.9	21.5	13.5	17.5	16.4	13.4	14.9
10	101	24.8	12.7	18.8	24.7	13.7	19.2	18.0	14.0	16.0
11	102	20.8	15.2	18.0	21.0	16.5	18.8	17.4	16.0	16.7
12	103	25.0	15.8	20.4	25.1	16.3	20.7	19.2	16.1	17.7
13	104	23.6	15.9	19.8	23.1	17.0	20.1	18.6	16.8	17.7
14	105	20.8	12.0	16.4	20.5	13.1	16.8	17.5	14.9	16.2
15	106	22.3	12.0	17.2	21.6	13.0	17.3	17.5	14.8	16.2
16	107	23.0	15.1	19.1	22.9	15.9	19.4	18.2	16.0	17.1
17	108	20.0	11.6	15.8	20.1	12.8	16.5	17.0	14.4	15.7
18	109	23.5	12.0	17.8	21.8	12.8	17.3	17.2	14.3	15.8
19	110	25.0	13.8	19.4	23.0	15.0	19.0	18.5	15.2	16.9
20	111	26.8	13.0	19.9	24.0	15.0	19.5	18.9	16.1	17.5
21	112	21.0	12.0	16.5	19.4	13.8	16.6	16.8	15.0	15.9
22	113	20.3	9.8	15.1	19.3	12.0	15.7	16.4	14.0	15.2
23	114	23.9	10.0	17.0	21.4	12.0	16.7	17.0	13.8	15.4
24	115	25.8	13.4	19.6	23.2	14.6	18.9	18.2	15.0	16.6
25	116	27.9	13.2	20.6	24.6	15.0	19.8	19.3	16.0	17.7
26	117	28.7	13.2	21.0	25.1	15.0	20.1	20.0	16.3	18.2
27	118	29.3	14.0	21.7	25.9	15.8	20.9	20.8	17.0	18.9
28	119	30.6	18.6	24.6	27.2	19.5	23.4	22.2	19.0	20.6
29	120	32.4	18.8	25.6	29.0	19.8	24.4	23.0	20.0	21.5
30	121	25.4	17.5	21.5	23.9	18.8	21.4	21.0	19.3	20.2
Mean		23.1	12.7	17.9	21.6	13.9	17.8	17.2	14.7	16.0
Abs.Max.		32.4	18.8	25.6	29.0	19.8	24.4	23.0	20.0	21.5
Abs.Min.		16.0	8.5	12.5	16.0	10.0	13.1	12.3	10.8	11.6

BOUEIDAR - DAILY CLIMATIC DATA
MAY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	122	23.8	8.0	15.9	72.5	26.2	m	5.9	0.0
2	123	17.9	6.7	12.3	77.0	18.5	m	0.2	2.6
3	124	23.1	5.3	14.2	67.9	27.8	m	4.2	0.0
4	125	25.8	6.0	15.9	61.8	32.2	m	6.0	0.0
5	126	28.3	5.1	16.7	58.5	32.2	m	7.7	0.0
6	127	31.0	8.0	19.5	54.0	32.3	m	7.8	0.0
7	128	33.0	9.0	21.0	57.5	30.0	m	9.4	0.0
8	129	31.0	9.2	20.1	65.5	31.6	m	7.8	0.0
9	130	27.7	5.0	16.4	58.1	30.7	m	12.1	0.0
10	131	28.0	7.6	17.8	56.5	30.4	m	10.2	0.0
11	132	30.0	6.8	18.4	56.0	32.2	m	8.6	0.0
12	133	31.0	9.5	20.3	57.8	31.1	m	10.4	0.0
13	134	34.6	11.6	23.1	54.5	29.1	m	6.5	0.0
14	135	37.9	12.9	25.4	50.5	30.8	m	14.8	0.0
15	136	37.2	14.0	25.6	52.0	30.4	m	11.7	0.0
16	137	40.4	16.0	28.2	44.4	30.9	m	10.0	0.0
17	138	37.3	15.8	26.6	61.0	22.8	m	8.3	2.6
18	139	33.0	13.0	23.0	51.0	31.6	m	8.1	0.0
19	140	35.0	12.0	23.5	55.3	31.5	m	10.0	0.0
20	141	36.0	18.0	27.0	54.0	30.4	m	9.0	0.0
21	142	34.0	10.2	22.1	62.5	29.8	m	9.8	0.0
22	143	32.0	11.2	21.6	57.5	33.0	m	10.0	0.0
23	144	30.3	12.0	21.2	52.0	31.1	m	9.9	0.0
24	145	27.8	11.0	19.4	51.4	32.9	m	12.4	0.0
25	146	30.0	17.5	23.8	46.0	30.0	m	7.3	0.0
26	147	37.1	20.7	28.9	42.3	26.3	m	13.4	0.0
27	148	27.0	17.8	22.4	56.0	28.5	m	9.8	0.0
28	149	28.0	11.6	19.8	60.0	27.5	m	9.2	0.0
29	150	32.4	10.4	21.4	46.0	32.5	m	8.0	0.0
30	151	34.0	12.0	23.0	45.4	31.7	m	10.0	0.0
31	152	32.0	11.9	22.0	49.1	33.8	m	10.1	0.0
Mean/Total		31.2	11.2	21.2	55.9	30.0	m	9.0	5.2
Abs. Max.		40.4	20.7	28.9	77.0	33.8	m	14.8	2.6
Abs. Min.		17.9	5.0	12.3	42.3	18.5	m	0.2	0.0

BOUEIDAR - DAILY SOIL TEMPERATURE
MAY 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	122	26.3	15.7	21.0	24.0	17.5	20.8	21.0	18.8	19.9
2	123	21.0	13.0	17.0	20.0	14.9	17.5	18.6	16.4	17.5
3	124	27.8	13.0	20.4	24.0	14.8	19.4	19.8	16.4	18.1
4	125	31.0	14.8	22.9	27.0	15.9	21.5	21.2	17.2	19.2
5	126	32.5	16.1	24.3	28.3	17.3	22.8	22.4	18.5	20.5
6	127	33.0	16.4	24.7	29.0	18.0	23.5	23.0	19.4	21.2
7	128	33.0	18.0	25.5	29.0	19.0	24.0	23.8	20.0	21.9
8	129	33.8	19.0	26.4	29.7	20.0	24.9	24.1	21.0	22.6
9	130	32.0	16.6	24.3	28.4	18.2	23.3	24.0	20.4	22.2
10	131	32.2	17.8	25.0	28.5	18.3	23.4	24.0	20.2	22.1
11	132	33.4	17.6	25.5	29.0	19.3	24.2	24.1	21.0	22.6
12	133	34.0	18.4	26.2	29.7	19.2	24.5	24.9	21.0	23.0
13	134	33.8	19.4	26.6	29.5	20.3	24.9	25.2	22.0	23.6
14	135	36.0	20.6	28.3	31.6	21.4	26.5	26.5	22.8	24.7
15	136	37.2	21.2	29.2	33.0	22.4	27.7	27.9	23.7	25.8
16	137	38.5	22.7	30.6	34.1	23.9	29.0	29.0	24.9	27.0
17	138	37.5	21.9	29.7	33.6	23.4	28.5	28.3	24.8	26.6
18	139	35.0	21.1	28.1	31.2	22.9	27.1	27.0	24.3	25.7
19	140	36.0	21.8	28.9	32.0	23.0	27.5	27.6	24.2	25.9
20	141	37.2	22.5	29.9	33.2	23.2	28.2	28.4	24.8	26.6
21	142	36.0	21.0	28.5	32.6	23.0	27.8	28.3	25.0	26.7
22	143	36.0	21.0	28.5	32.0	22.6	27.3	27.8	24.8	26.3
23	144	36.2	20.7	28.5	31.5	21.3	26.4	27.9	24.5	26.2
24	145	33.5	20.5	27.0	29.0	21.3	25.2	26.6	24.0	25.3
25	146	35.1	21.3	28.2	30.6	21.2	25.9	27.2	24.0	25.6
26	147	35.2	24.0	29.6	31.0	23.8	27.4	28.0	25.0	26.5
27	148	31.8	22.5	27.2	28.0	22.5	25.3	26.7	24.7	25.7
28	149	31.4	20.2	25.8	28.0	21.0	24.5	26.2	24.0	25.1
29	150	36.5	20.4	28.5	31.4	21.0	26.2	27.8	24.0	25.9
30	151	38.2	21.0	29.6	32.9	21.8	27.4	28.9	25.0	27.0
31	152	37.4	22.0	29.7	32.2	22.8	27.5	28.8	25.6	27.2
Mean		33.8	19.4	26.6	29.8	20.5	25.2	25.6	22.3	24.0
Abs.Max.		38.5	24.0	30.6	34.1	23.9	29.0	29.0	25.6	27.2
Abs.Min.		21.0	13.0	17.0	20.0	14.8	17.5	18.6	16.4	17.5

BOUEIDAR - DAILY CLIMATIC DATA
JUNE 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	153	30.8	11.8	21.3	53.0	31.1	m	10.0	0.0
2	154	33.2	13.0	23.1	47.3	32.1	m	10.8	0.0
3	155	36.0	16.3	26.2	43.6	31.0	m	11.8	0.0
4	156	38.1	12.0	25.1	49.6	31.1	m	12.4	0.0
5	157	32.0	12.0	22.0	46.0	33.4	m	10.0	0.0
6	158	34.1	12.0	23.1	50.5	31.5	m	10.0	0.0
7	159	35.5	12.4	24.0	45.0	33.1	m	10.8	0.0
8	160	36.0	14.2	25.1	44.5	31.3	m	12.7	0.0
9	161	36.0	16.0	26.0	45.0	31.6	m	12.7	0.0
10	162	38.0	15.8	26.9	45.2	30.4	m	11.2	0.0
11	163	39.6	17.0	28.3	52.0	28.1	m	11.5	2.4
12	164	40.0	22.0	31.0	44.2	20.7	m	9.0	0.0
13	165	36.1	17.0	26.6	48.0	30.4	m	13.5	0.0
14	166	35.9	17.9	26.9	46.1	30.1	m	10.9	0.0
15	167	33.0	19.0	26.0	51.4	29.8	m	10.8	0.0
16	168	28.2	12.0	20.1	60.5	17.3	m	4.2	1.4
17	169	33.0	14.8	23.9	42.0	33.4	m	9.0	0.0
18	170	34.0	19.2	26.6	44.3	33.4	m	12.6	0.0
19	171	33.0	15.0	24.0	47.0	30.3	m	10.1	0.0
20	172	35.0	17.8	26.4	38.9	32.8	m	13.0	0.0
21	173	34.6	16.9	25.8	46.0	33.5	m	12.9	0.0
22	174	30.0	18.5	24.3	51.8	22.8	m	10.9	0.0
23	175	29.2	14.0	21.6	51.9	25.5	m	6.6	0.0
24	176	31.1	12.1	21.6	42.0	29.5	m	10.0	0.0
25	177	33.0	14.0	23.5	39.0	34.4	m	7.4	0.0
26	178	35.2	15.0	25.1	39.4	33.3	m	12.5	0.0
27	179	37.5	20.5	29.0	35.1	33.2	m	13.8	0.0
28	180	37.2	17.8	27.5	40.5	32.6	m	14.3	0.0
29	181	38.0	19.8	28.9	36.3	33.2	m	13.8	0.0
30	182	35.2	18.8	27.0	50.9	30.9	m	14.2	0.0
Mean/Total		34.6	15.8	25.2	45.9	30.4	m	11.1	3.8
Abs. Max.		40.0	22.0	31.0	60.5	34.4	m	14.3	2.4
Abs. Min.		28.2	11.8	20.1	35.1	17.3	m	4.2	0.0

BOUEIDAR - DAILY SOIL TEMPERATURE
JUNE 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	153	35.9	21.7	28.8	31.0	22.7	26.9	28.2	25.5	26.9
2	154	38.0	22.0	30.0	32.7	22.5	27.6	29.0	25.4	27.2
3	155	39.0	22.4	30.7	34.0	23.0	28.5	30.0	25.9	28.0
4	156	39.9	23.0	31.5	34.2	24.2	29.2	30.3	27.1	28.7
5	157	38.0	22.0	30.0	33.0	23.4	23.2	29.4	26.8	28.1
6	158	39.2	22.1	30.7	34.7	23.0	28.9	30.1	26.0	28.1
7	159	39.5	23.0	31.3	35.0	24.3	29.7	30.2	27.0	28.6
8	160	39.9	23.3	31.6	35.0	24.3	29.7	30.4	27.0	28.7
9	161	39.4	24.0	31.7	35.0	24.8	29.9	30.9	27.5	29.2
10	162	40.1	25.0	32.6	36.0	25.8	30.9	31.2	28.0	29.6
11	163	41.0	24.4	32.7	36.4	25.8	31.1	31.3	28.3	29.8
12	164	37.1	24.5	30.8	33.5	25.2	29.4	30.0	27.8	28.9
13	165	39.8	25.0	32.4	35.0	25.6	30.3	31.0	28.4	29.7
14	166	38.0	25.2	31.6	34.0	25.8	29.9	30.8	28.2	29.5
15	167	37.5	25.7	31.6	33.8	26.0	29.9	30.4	28.1	29.3
16	168	32.3	20.7	26.5	29.9	21.7	25.8	28.4	25.5	27.0
17	169	37.0	21.0	29.0	32.7	21.8	27.3	29.0	25.5	27.3
18	170	37.7	23.7	30.7	33.2	24.0	28.6	29.4	26.8	28.1
19	171	36.8	24.0	30.4	33.0	24.8	28.9	29.9	27.3	28.6
20	172	37.8	24.6	31.2	33.9	24.8	29.4	30.1	27.3	28.7
21	173	37.4	24.7	31.1	33.6	25.2	29.4	30.0	28.0	29.0
22	174	32.0	24.0	28.0	30.0	24.6	27.3	28.6	27.0	27.8
23	175	31.0	22.0	26.5	29.0	23.0	26.0	27.8	26.0	26.9
24	176	35.0	21.6	28.3	31.3	23.0	27.2	28.1	26.0	27.1
25	177	38.1	21.8	30.0	33.9	22.7	28.3	29.6	26.0	27.8
26	178	39.1	23.1	31.1	34.9	24.0	29.5	30.4	27.0	28.7
27	179	39.5	24.9	32.2	35.2	25.4	30.3	31.1	28.0	29.6
28	180	40.1	26.3	33.2	36.0	26.9	31.5	31.8	29.0	30.4
29	181	40.3	27.0	33.7	36.2	27.0	31.6	32.0	29.1	30.6
30	182	39.0	26.0	32.5	35.4	27.0	31.2	31.8	29.4	30.6
Mean		37.8	23.6	30.7	33.7	24.4	28.9	30.0	27.2	28.6
Abs.Max.		41.0	27.0	33.7	36.4	27.0	31.6	32.0	29.4	30.6
Abs.Min.		31.0	20.7	26.5	29.0	21.7	23.2	27.8	25.4	26.9

BOUEIDAR - DAILY CLIMATIC DATA
JULY 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	183	34.5	18.0	26.3	43.0	30.3	m	12.6	0.0
2	184	36.2	17.1	26.7	47.5	32.8	m	10.7	0.0
3	185	37.2	18.1	27.7	40.5	28.5	m	10.0	0.0
4	186	39.0	20.9	30.0	33.6	33.1	m	12.9	0.0
5	187	40.2	20.0	30.1	31.9	33.8	m	13.4	0.0
6	188	41.2	23.7	32.5	33.8	32.4	m	13.8	0.0
7	189	40.8	20.9	30.9	32.3	32.3	m	12.9	0.0
8	190	40.2	22.4	31.3	30.9	31.9	m	16.1	0.0
9	191	39.0	19.3	29.2	35.0	32.5	m	13.8	0.0
10	192	39.6	18.0	28.8	30.9	33.2	m	15.1	0.0
11	193	40.8	16.6	28.7	35.3	32.4	m	11.2	0.0
12	194	38.4	16.8	27.6	36.2	32.5	m	12.0	0.0
13	195	39.0	16.2	27.6	41.9	32.7	m	10.8	0.0
14	196	39.4	18.6	29.0	39.6	32.5	m	12.1	0.0
15	197	37.5	17.8	27.7	39.4	32.6	m	12.1	0.0
16	198	39.0	17.9	28.5	33.0	33.0	m	13.8	0.0
17	199	39.2	16.6	27.9	37.9	33.1	m	12.6	0.0
18	200	38.1	18.8	28.5	39.8	32.7	m	14.4	0.0
19	201	38.0	20.0	29.0	41.2	31.9	m	12.9	0.0
20	202	35.2	19.8	27.5	43.4	31.8	m	12.1	0.0
21	203	36.1	21.2	28.7	44.5	30.9	m	12.9	0.0
22	204	38.0	19.6	28.8	43.1	31.2	m	12.1	0.0
23	205	39.2	18.9	29.1	32.1	32.0	m	13.0	0.0
24	206	39.3	19.0	29.2	30.0	32.8	m	15.5	0.0
25	207	37.4	19.1	28.3	38.7	32.3	m	12.9	0.0
26	208	38.0	18.2	28.1	37.0	32.7	m	10.8	0.0
27	209	41.0	20.0	30.5	34.9	32.3	m	11.6	0.0
28	210	38.0	18.8	28.4	45.4	30.6	m	11.3	0.0
29	211	36.6	20.2	28.4	43.5	30.1	m	11.2	0.0
30	212	38.0	18.2	28.1	42.5	30.2	m	12.1	0.0
31	213	36.1	20.2	28.2	42.4	31.2	m	10.8	0.0
Mean/Total		38.4	19.1	28.8	38.1	32.0	m	12.6	0.0
Abs. Max.		41.2	23.7	32.5	47.5	33.8	m	16.1	0.0
Abs. Min.		34.5	16.2	26.3	30.0	28.5	m	10.0	0.0

**BOUEIDAR - DAILY SOIL TEMPERATURE
JULY 1988**

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	183	41.0	26.3	33.7	36.7	27.0	31.9	32.0	29.1	30.6
2	184	41.8	26.5	34.2	37.5	27.2	32.4	32.4	29.5	31.0
3	185	41.9	26.6	34.3	37.3	27.3	32.3	32.9	29.9	31.4
4	186	42.1	26.9	34.5	37.8	27.7	32.8	33.3	30.0	31.7
5	187	43.0	28.2	35.6	38.3	28.5	33.4	34.0	31.0	32.5
6	188	44.0	29.0	36.5	39.3	29.0	34.2	34.7	32.3	33.5
7	189	44.3	29.0	36.7	40.0	30.0	35.0	35.0	32.6	33.8
8	190	42.8	29.0	35.9	38.6	29.9	34.3	34.8	32.1	33.5
9	191	44.0	29.0	36.5	39.8	30.0	34.9	35.0	32.2	33.6
10	192	44.1	28.1	36.1	40.0	29.6	34.8	35.0	32.3	33.7
11	193	44.3	27.5	35.9	39.8	28.5	34.2	34.9	31.8	33.4
12	194	43.9	27.1	35.5	39.0	28.4	33.7	34.5	31.6	33.1
13	195	44.0	27.8	35.9	39.4	28.4	33.9	34.9	31.5	33.2
14	196	43.2	28.2	35.7	39.0	29.0	34.0	34.6	32.0	33.3
15	197	42.0	27.6	34.8	38.0	28.8	33.4	34.2	31.9	33.1
16	198	42.8	27.0	34.9	38.3	28.1	33.2	34.0	31.5	32.8
17	199	42.0	26.5	34.3	38.0	28.0	33.0	33.9	31.1	32.5
18	200	42.2	26.6	34.4	38.2	27.6	32.9	34.0	31.0	32.5
19	201	42.0	28.0	35.0	38.0	29.0	33.5	34.0	31.8	32.9
20	202	41.0	27.6	34.3	37.1	28.8	33.0	33.8	31.5	32.7
21	203	41.6	28.2	34.9	37.7	28.7	33.2	34.0	31.2	32.6
22	204	42.9	28.3	35.6	38.8	29.5	34.2	34.4	32.0	33.2
23	205	43.7	28.0	35.9	39.0	29.2	34.1	34.8	32.0	33.4
24	206	42.8	27.1	35.0	38.5	28.7	33.6	34.3	31.9	33.1
25	207	42.0	27.6	34.8	37.9	28.3	33.1	34.1	31.8	33.0
26	208	43.2	28.0	35.6	39.0	28.8	33.9	34.8	31.8	33.3
27	209	45.0	28.2	36.6	40.1	29.1	34.6	35.3	32.0	33.7
28	210	44.0	28.3	36.2	39.9	30.0	35.0	35.1	32.9	34.0
29	211	43.6	28.4	36.0	39.2	29.5	34.4	35.0	32.4	33.7
30	212	44.0	28.4	36.2	39.9	29.9	34.9	35.1	32.4	33.8
31	213	42.6	28.2	35.4	38.5	29.5	34.0	34.4	32.2	33.3
Mean		43.0	27.8	35.4	38.7	28.8	33.7	34.3	31.6	33.0
Abs.Max.		45.0	29.0	36.7	40.1	30.0	35.0	35.3	32.9	34.0
Abs.Min.		41.0	26.3	33.7	36.7	27.0	31.9	32.0	29.1	30.6

BOUEIDAR - DAILY CLIMATIC DATA
AUGUST 1988

Day	Jul. Day	Max. Temp. °C	Min. Temp. °C	Mean Temp. °C	Mean RH %	Sol. Rad. MJ/m ²	Wind Run km/d	Pan Evap. mm	Prec. mm
1	214	36.2	23.0	29.6	47.8	30.4	m	14.3	0.0
2	215	36.0	22.0	29.0	46.4	28.0	m	14.8	0.0
3	216	36.7	19.8	28.3	39.5	29.2	m	13.8	0.0
4	217	36.8	19.2	28.0	39.3	29.6	m	13.0	0.0
5	218	39.2	19.5	29.4	41.9	30.3	m	11.6	0.0
6	219	40.1	18.1	29.1	36.5	30.5	m	12.1	0.0
7	220	40.2	19.6	29.9	46.1	30.5	m	11.2	0.0
8	221	40.2	19.8	30.0	37.9	31.1	m	11.1	0.0
9	222	36.4	18.1	27.3	48.0	28.8	m	10.1	0.0
10	223	35.3	21.5	28.4	49.6	29.4	m	11.8	0.0
11	224	35.9	20.7	28.3	51.1	28.7	m	12.0	0.0
12	225	36.8	19.0	27.9	45.5	29.2	m	12.1	0.0
13	226	38.8	19.6	29.2	40.6	29.0	m	10.4	0.0
14	227	38.2	18.4	28.3	38.6	28.8	m	12.1	0.0
15	228	37.2	23.0	30.1	42.9	28.5	m	12.1	0.0
16	229	38.0	19.6	28.8	47.8	23.5	m	12.9	0.0
17	230	36.2	18.4	27.3	50.5	22.5	m	11.1	0.0
18	231	36.2	19.0	27.6	44.0	28.1	m	12.1	0.0
19	232	36.8	18.2	27.5	40.5	28.0	m	11.3	0.0
20	233	37.7	16.5	27.1	40.0	28.9	m	11.2	0.0
21	234	39.0	17.0	28.0	32.6	29.4	m	11.3	0.0
22	235	39.3	15.3	27.3	30.9	32.7	m	12.9	0.0
23	236	35.8	16.5	26.2	41.5	26.1	m	12.1	0.0
24	237	38.0	15.8	26.9	41.6	28.8	m	12.1	0.0
25	238	38.2	15.8	27.0	42.4	29.0	m	12.1	0.0
26	239	37.2	13.9	25.6	50.0	28.3	m	12.1	0.0
27	240	34.0	15.1	24.6	46.5	28.9	m	12.1	0.0
28	241	33.8	18.0	25.9	50.6	27.6	m	12.1	0.0
29	242	33.4	13.1	23.3	41.5	28.4	m	13.0	0.0
30	243	32.9	12.1	22.5	39.2	29.1	m	12.9	0.0
31	244	34.0	13.4	23.7	42.8	30.5	m	13.4	0.0
Mean/Total		36.9	18.0	27.5	43.0	28.8	m	12.2	0.0
Abs. Max.		40.2	23.0	30.1	51.1	32.7	m	14.8	0.0
Abs. Min.		32.9	12.1	22.5	30.9	22.5	m	10.1	0.0

BOUEIDAR - DAILY SOIL TEMPERATURE
AUGUST 1988

Day	Jul. Day	-5cm Max. °C	-5cm Min. °C	-5cm Mean °C	-10cm Max. °C	-10cm Min. °C	-10cm Mean °C	-20cm Max. °C	-20cm Min. °C	-20cm Mean °C
1	214	41.9	28.5	35.2	38.0	29.1	33.6	34.2	32.0	33.1
2	215	40.8	29.0	34.9	37.2	29.8	33.5	34.0	32.2	33.1
3	216	41.9	28.0	35.0	38.0	29.0	33.5	34.3	32.1	33.2
4	217	42.8	28.1	35.5	38.8	29.0	33.9	34.8	32.0	33.4
5	218	44.0	28.0	36.0	39.9	29.0	34.5	35.0	32.0	33.5
6	219	44.6	28.0	36.3	40.1	29.9	35.0	35.5	32.6	34.1
7	220	44.0	28.0	36.0	39.8	29.2	34.5	35.1	32.5	33.8
8	221	44.0	28.4	36.2	39.6	29.9	34.8	35.0	32.8	33.9
9	222	43.8	28.0	35.9	39.4	29.6	34.5	35.0	32.5	33.8
10	223	42.2	28.8	35.5	38.5	29.3	33.9	34.5	32.3	33.4
11	224	41.4	29.0	35.2	38.0	30.0	34.0	34.2	32.5	33.4
12	225	42.7	28.0	35.4	38.9	29.5	34.2	34.8	32.3	33.6
13	226	44.0	27.8	35.9	39.8	29.0	34.4	35.0	32.1	33.6
14	227	43.0	27.2	35.1	39.0	28.8	33.9	35.0	32.0	33.5
15	228	42.1	27.3	34.7	38.0	28.7	33.4	34.3	32.0	33.2
16	229	42.8	28.2	35.5	38.6	29.2	33.9	34.9	32.3	33.6
17	230	41.2	26.5	33.9	37.3	27.9	32.6	34.0	31.4	32.7
18	231	41.0	27.0	34.0	37.0	27.8	32.4	33.8	31.3	32.6
19	232	41.7	27.2	34.5	37.8	28.2	33.0	34.0	31.5	32.8
20	233	44.0	27.0	35.5	39.0	28.2	33.6	34.5	31.8	33.2
21	234	44.4	27.0	35.7	39.5	28.0	33.8	34.9	31.9	33.4
22	235	44.0	26.8	35.4	39.3	28.0	33.7	34.9	31.7	33.3
23	236	42.5	27.3	34.9	38.3	28.0	33.2	34.2	31.2	32.7
24	237	43.0	27.1	35.1	38.7	28.5	33.6	34.4	31.4	32.9
25	238	43.2	27.0	35.1	38.9	28.0	33.5	34.3	31.3	32.8
26	239	43.0	26.0	34.5	38.5	28.1	33.3	34.0	31.4	32.7
27	240	40.6	25.8	33.2	36.8	27.2	32.0	33.4	31.0	32.2
28	241	40.4	25.9	33.2	36.8	27.0	31.9	33.2	30.7	32.0
29	242	37.2	23.0	30.1	34.0	24.5	29.3	32.4	29.2	30.9
30	243	38.2	23.2	30.7	34.5	24.5	29.5	32.0	29.0	30.5
31	244	38.0	23.5	30.8	34.3	24.8	29.6	32.0	29.1	30.6
Mean		42.2	27.1	34.7	38.1	28.3	33.2	34.2	31.6	33.0
Abs.Max.		44.6	29.0	36.3	40.1	30.0	35.0	35.5	32.8	34.1
Abs.Min.		37.2	23.0	30.1	34.0	24.5	29.3	32.0	29.0	30.5

المركز الدولي للبحوث الزراعية في المناطق الجافة
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