

**METEOROLOGICAL REPORTS FOR
ICARDA EXPERIMENT STATIONS
IN SYRIA: 1986/87 SEASON**

Mireille Abdelnour



**Meteorological Reports for ICARDA
Experiment Stations in Syria:
1986/87 Season**

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ACKNOWLEDGEMENTS

Thanks are due to Mohamed Salem and Ghazi Yassin, Station Operation, and Nabil Moussattat, Farm Resource Management Program, who collected the data presented in this volume, and to Mrs. Rjma Darkazanli and Bijan Chakraborty, Computer Services, who helped in the preparation of the tables.

INTRODUCTION

The Weather during the 1986/87 Season

Weather during 1986/87 exhibited a number of peculiarities, which made it a better than average season at the wetter sites (Jindiress, Tel Hadya) and resulted in poor yields or even total crop failures at the drier sites (Ghrerife, Boueidar). This remarkable difference between sites cannot be attributed to a single cause, rather it was the result of the combined interaction of moisture and temperature related factors with crop growth.

One factor contributing to the difference was a steeper than normal geographical gradient of rainfall which persisted throughout most the season (Table 1). Whereas Jindiress received 127% of the long-term average seasonal rainfall total, this dropped to 108% for Tel Hadya, 88% for Breda and to an estimated 80% for Boueidar for which unfortunately no historic data are available. The 300 mm annual isohyet appeared to mark the boundary between areas with higher than average and lower than average rainfall. This was exacerbated by a parallel gradient of temperatures, which is reflected in the number of frost days observed at the various stations. This rose from 20 at Jindiress (the wettest location--which is only 2/3 of the long-term average), to 39 at Tel Hadya (average 37), 47 at Breda (average 43), and 52 at Boueidar, (the driest station). With the exception of February, the cropping season on the whole was somewhat cooler than average with minimum temperatures being rather milder in the wetter than at the drier sites.

The season started very early, with germinating rains falling during the first week of November at all sites with the exception of Ghrerife. However, then followed a prolonged spell of dry and cold weather which lasted until December 18. Such a combination of a dry spell of 38 days following heavy rains early in November is without parallel in the over 50 years of weather records from Aleppo. The drought and cold virtually stopped crop growth soon after emergence. Rainfall resumed just in time to save the crops, and milder, rainy weather prevailed until the third week of February, broken only by another spell of dry and cold weather during the second decile of January. The period from the last week of January until mid-February was especially mild except in the drier areas where minimum temperatures dropped close to zero or below zero too frequently to permit vigorous crop growth. In these areas barley crops failed to reach full ground-cover, especially at Boueidar. March brought back cold, though moist weather, with temperatures dropping below -5°C at Boueidar as late as March 21 and 22. Rainfall effectively stopped at all sites during the second week of April. This is somewhat earlier than usual, but due to prevailing cool weather and an adequate supply of soil moisture, crop yields were not adversely affected at the wetter sites. This is in contrast to the drier locations. At Ghrerife the available moisture was inadequate and yields suffered, and at Boueidar the effects were even worse. Much of the already low soil moisture evaporated directly from the soil surface because the crop had failed to cover the ground, and almost complete crop failure was recorded at this site. Another factor which may have contributed was a severe pest ("Ground pearl", *Porphyrphora tritici*) infestation of the already weakened crop.

Although of no consequence to agriculture, another weather extreme of 1987 deserves recording. On August 7 the screen temperature at Tel Hadya reached an *all-time* high of 47.6°C. The other sites recorded similar, though slightly lower temperatures. How exceptional such temperatures are is illustrated by the fact that according to our knowledge 44°C have never been exceeded since weather stations were first established in the region in the first half of this century.

Wolfgang Goebel

TABLE 1: Monthly precipitation (mm) for the 1986/87 season and the long term averages.

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun*	Total
Jindiress											
1986/87 Season	0.0	30.0	70.6	115.0	161.9	83.0	118.6	18.8	2.8	0	600.7
Long term average	1.5	25.3	51.3	98.5	92.3	76.3	60.6	44.9	19.1	2.7	472.5
% of long term average	0	119	138	117	175	109	196	42	15	0	127
Tel Hadya											
1986/87 Season	0.0	31.5	33.4	47.2	88.9	63.2	63.5	12.6	2.6	15.0	357.9
Long term average	0.4	21.3	44.8	53.8	66.1	51.6	42.0	31.9	15.6	4.0	331.5
% of long term average	0	148	75	87	134	122	151	39	17	375	108
Breda											
1986/87 Season	0.0	23.0	25.4	33.2	66.8	31.6	47.2	17.4	0.0	0.0	244.6
Long term average	1.5	13.9	31.5	57.4	49.4	38.5	35.1	34.3	15.8	1.4	278.8
% of long term average	0	165	81	58	135	82	134	51	0	0	88
Ghrerife											
1986/87 Season	0.0	18.4	7.0	29.2	51.8	26.8	37.2	13.4	0.6	0.0	184.4
Boueidar											
1986/87 Season	0.0	10.8	23.8	27.2	48.3	24.4	27.8	11.7	2.2	0.0	176.2

* No rainfall during July and August

ABBREVIATIONS

Jul. Day:	Julian day counting from 1 January and always including 29 February
Season:	Period from 1 September to 31 August of the following year
Max. Temp.(°C):	Maximum temperature measured in screen 1.5 m above ground
Min. Temp.(°C):	Minimum temperature measured in screen 1.5 m above ground
Abs. Max. :	Highest observed value for a given month
Abs. Min. :	Lowest observed value for a given month
RH (%):	Relative humidity measured in screen 1.5 m above ground
Sol. Rad. (MJ/m²):	Solar radiation, global shortwave radiation measured 2m above ground
Prec. (mm):	Precipitation
Wind Run (km/d):	Wind run measured 2m above ground
Evap. (mm):	Evaporation from a raised class-A pan
m:	Missing data

JINDIRESS

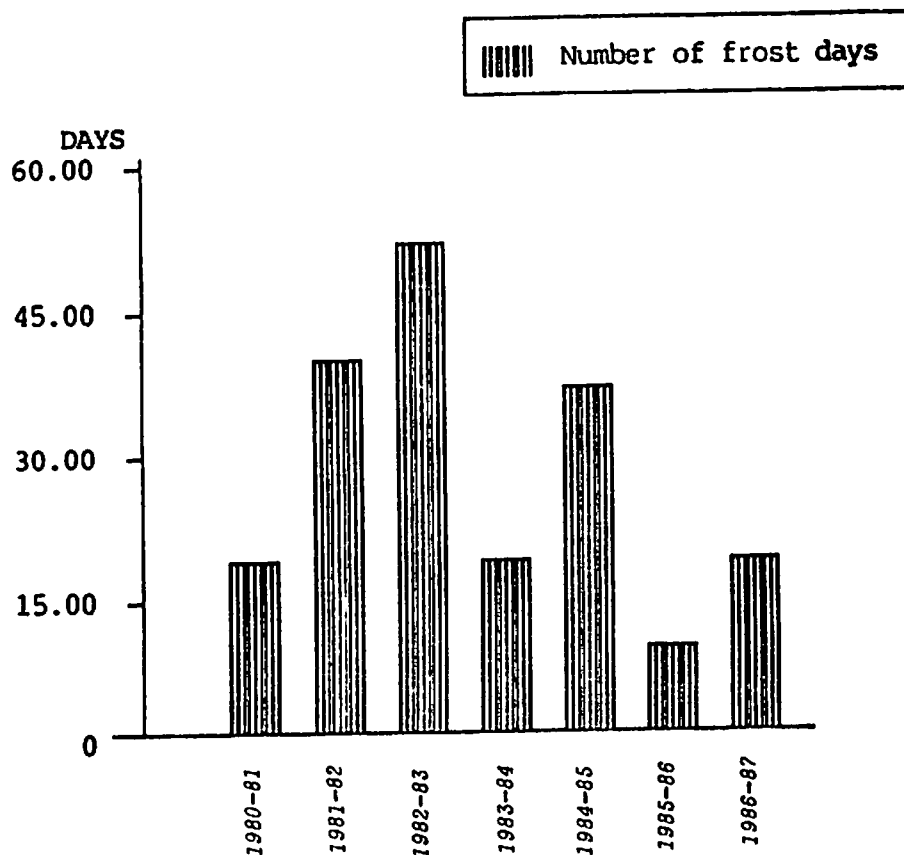
1986-1987 Season

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

**FROST EVENTS AT JINDIRESS
FROM 1980-81 TO 1986-87 SEASON**

	Nov	Dec	Jan	Feb	Mar	Apr	Total
1980-1981 Season							
Number of frost days	3	7	2	6	.	1	19
Absolute Minimum	-2.5	-4.0	-2.5	-2.0	.	-1.5	-4.0
1981-1982 Season							
Number of frost days	4	.	9	16	10	.	39
Absolute Minimum	-2.8	.	-5.0	-7.0	-5.0	.	-7.0
1982-1983 Season							
Number of frost days	9	16	18	4	4	.	51
Absolute Minimum	-5.0	-4.3	-8.5	-5.0	-5.4	.	-8.5
1983-1984 Season							
Number of frost days	.	9	4	6	1	.	20
Absolute Minimum	.	-2.2	-1.8	-2.3	-0.4	.	-2.3
1984-1985 Season							
Number of frost days	1	14	2	11	10	.	38
Absolute Minimum	-1.0	-5.0	-0.8	-8.5	-10.2	.	-10.2
1985-1986 Season							
Number of frost days	.	5	5	.	.	.	10
Absolute Minimum	.	-5.0	-5.0	.	.	.	-5.0
1986-1987 Season							
Number of frost days	1	12	3	4	.	.	20
Absolute Minimum	-2.0	-4.3	0	-1.8	.	.	-4.3

Total number of frost days at Jindiress
from 1980-81 season to 1986-87 season



**Total monthly precipitation (mm) , maximum and minimum temperature (°C)
from 1979-80 to 1986-87 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
Mean	0.2	29.2	65.8	69.5	89.9	73.1	56.9	42.5	11.8	3.2	0.0	0.0	442
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
Mean	33.5	26.7	18.0	12.8	10.9	12.9	16.8	22.2	28.2	32.7	34.5	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
Mean	17.7	11.2	6.4	3.1	3.1	2.8	5.0	8.4	11.9	16.8	20.5	20.6	10.5

**SUMMARY OF MONTHLY CLIMATIC DATA
JINDIRESS 1986-87 SEASON**

Month	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH (%)	Sol. rad. (MJ/m ²)	Wind Run (km/d)	Evap. (mm)	Prec. (mm)
September								
Mean	34.2	18.5	26.4	49.6	22.8	248.8	10.6	0.0
Abs.Max	42.5	24.0	33.3	60.0	29.0	548.0	12.9	0.0
Abs.Min	31.8	15.0	23.6	29.0	9.0	35.0	7.1	0.0
October								
Mean	26.8	13.0	19.9	57.1	16.0	169.0	4.7	30.0
Abs.Max	31.0	18.0	23.8	70.0	25.0	333.0	8.5	22.4
Abs.Min	20.0	9.0	16.7	46.0	5.0	96.0	1.1	0.0
November								
Mean	17.4	4.8	11.1	69.7	13.1	157.1	2.4	70.6
Abs.Max	22.9	14.8	17.9	87.0	25.0	375.0	6.8	21.0
Abs.Min	12.0	-2.0	5.3	54.0	4.0	90.0	0.5	0.0
December								
Mean	13.1	2.0	7.5	73.8	8.6	205.0	2.5	115.0
Abs.Max	19.4	9.0	12.0	93.0	14.0	541.0	7.9	25.4
Abs.Min	7.2	-4.3	3.9	58.0	1.0	71.0	0.4	0.0
January								
Mean	12.3	4.1	8.2	78.7	7.9	161.9	2.3	161.9
Abs.Max	19.0	10.0	12.3	91.0	15.0	297.0	6.5	27.4
Abs.Min	7.0	0.0	4.4	61.0	2.0	87.0	0.2	0.0
February								
Mean	15.8	5.6	10.7	73.3	12.6	214.8	3.3	83.0
Abs.Max	20.0	10.0	14.0	93.0	20.0	455.0	9.9	36.4
Abs.Min	10.0	1.0	7.5	54.0	3.0	96.0	1.1	0.0
March								
Mean	14.5	3.9	9.2	75.7	15.6	173.6	3.3	118.6
Abs.Max	25.0	11.0	15.9	87.0	26.0	309.0	7.3	19.4
Abs.Min	9.0	-1.8	4.8	60.0	4.0	75.0	1.1	0.0
April								
Mean	22.8	8.2	15.5	68.1	24.0	227.7	4.9	18.8
Abs.Max	30.6	13.5	20.6	81.0	32.0	386.0	8.3	6.4
Abs.Min	17.8	2.1	11.6	56.0	14.0	95.0	2.7	0.0
May								
Mean	28.9	12.2	20.5	62.8	28.0	224.9	9.3	2.8
Abs.Max	38.4	18.5	28.3	73.0	33.0	486.0	16.1	1.8
Abs.Min	20.0	6.2	14.8	55.0	17.0	88.0	4.7	0.0
June								
Mean	31.8	16.5	24.2	62.1	31.4	278.2	10.2	0.0
Abs.Max	37.0	19.9	27.5	72.0	35.0	454.0	14.1	0.0
Abs.Min	26.0	12.1	20.5	55.0	23.0	121.0	6.2	0.0
July								
Mean	35.3	20.9	28.1	63.2	30.0	301.5	12.7	0.0
Abs.Max	41.1	23.2	31.1	70.0	32.0	496.0	17.0	0.0
Abs.Min	30.8	14.9	24.6	49.0	28.0	125.0	9.1	0.0
August								
Mean	35.8	20.7	28.3	52.8	27.2	310.9	13.2	0.0
Abs.Max	46.0	25.1	35.0	63.0	30.0	504.0	14.2	0.0
Abs.Min	32.2	14.8	23.9	34.0	21.0	108.0	12.4	0.0
Annual Summary								
Mean	24.1	10.9	17.5	65.5	19.8	222.8	6.4	600.7
Abs.Max	46.0	25.1	35.0	93.0	35.0	548.0	17.0	36.4
Abs.Min	7.0	-4.3	3.9	29.0	1.0	35.0	0.2	0.0

**SUMMARY OF WEEKLY CLIMATIC DATA
JINDIRESS 1986-87 SEASON**

Week			Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH (%)	Sol. rad. (MJ/m ²)	Wind Run (km/d)	Evap. (mm)	Prec. (mm)
03	Sep-09	Sep	32.9	20.3	26.6	55.2	24.4	333.2	12.1	0.0
10	Sep-16	Sep	34.4	18.3	26.3	49.9	24.5	225.9	10.4	0.0
17	Sep-23	Sep	35.0	16.9	26.0	45.1	22.3	214.3	10.3	0.0
24	Sep-30	Sep	33.3	17.3	25.3	48.4	20.1	193.6	9.2	0.0
01	Oct-07	Oct	23.9	13.3	18.6	58.5	15.2	173.5	4.0	24.4
08	Oct-14	Oct	27.9	13.2	20.5	53.7	18.8	164.4	4.3	5.6
15	Oct-21	Oct	27.6	12.5	20.0	59.1	16.0	166.2	4.9	0.0
22	Oct-28	Oct	27.3	11.7	19.5	57.5	16.0	157.6	5.1	0.0
29	Oct-04	Nov	23.7	14.1	18.9	65.5	11.3	161.3	4.7	27.4
05	Nov-11	Nov	16.3	7.2	11.7	75.5	13.0	165.3	1.8	43.2
12	Nov-18	Nov	18.4	2.6	10.5	66.5	15.2	136.0	2.3	0.0
19	Nov-25	Nov	17.9	3.1	10.5	68.3	13.6	160.0	2.8	0.0
26	Nov-02	Dec	13.7	-0.6	6.5	64.7	11.4	183.1	1.7	0.0
03	Dec-09	Dec	15.9	-0.7	7.6	64.6	12.3	153.4	2.7	0.0
10	Dec-16	Dec	13.9	-0.7	6.6	68.1	11.0	132.0	2.0	0.0
17	Dec-23	Dec	11.8	6.2	9.0	84.2	4.7	312.5	2.5	46.2
24	Dec-31	Dec	11.1	4.7	7.9	80.5	5.6	230.9	2.8	68.8
01	Jan-07	Jan	9.3	5.8	7.6	85.8	4.4	199.5	3.1	89.4
08	Jan-14	Jan	12.3	4.0	8.1	75.5	8.9	178.4	2.1	13.6
15	Jan-21	Jan	16.5	2.7	9.6	69.3	12.1	126.8	2.1	0.0
22	Jan-28	Jan	9.9	3.1	6.5	83.2	6.0	158.7	2.0	58.9
29	Jan-04	Feb	16.3	6.0	11.2	77.2	10.3	148.1	2.1	11.8
05	Feb-11	Feb	14.4	3.8	9.0	73.3	12.4	202.5	2.5	8.2
12	Feb-18	Feb	16.4	7.2	11.8	69.8	12.4	251.9	5.8	44.8
19	Feb-25	Feb	16.9	5.6	11.3	71.6	15.0	222.8	2.6	14.6
26	Feb-04	Mar	13.0	4.2	8.6	80.7	10.6	154.5	2.0	9.8
05	Mar-11	Mar	10.6	4.5	7.5	81.0	8.6	214.0	3.1	67.4
12	Mar-18	Mar	10.8	1.5	6.1	80.2	12.5	199.8	2.3	40.6
19	Mar-25	Mar	16.8	3.3	10.1	69.1	20.5	165.6	3.9	4.4
26	Mar-01	Apr	22.5	7.2	14.9	70.0	24.4	168.9	5.2	0.0
02	Apr-08	Apr	23.8	9.4	16.6	71.9	23.0	211.5	5.2	6.4
09	Apr-15	Apr	22.2	9.2	15.7	68.7	22.6	196.6	4.5	12.4
16	Apr-22	Apr	20.4	6.3	13.3	68.4	23.8	243.7	4.3	0.0
23	Apr-29	Apr	23.6	7.3	15.4	63.9	26.2	237.5	5.4	0.0
30	Apr-06	May	25.7	9.3	17.5	63.5	27.0	197.0	6.4	0.0
07	May-13	May	26.7	11.2	19.0	65.9	26.7	233.5	9.1	0.0
14	May-20	May	34.4	12.9	23.7	57.4	30.6	182.4	13.9	0.0
21	May-27	May	27.8	13.8	20.8	65.1	28.2	305.9	8.8	1.0
28	May-03	Jun	29.2	14.6	21.9	62.6	27.5	272.4	7.2	1.8
04	Jun-10	Jun	30.7	14.1	22.4	59.8	32.5	270.9	8.5	0.0
11	Jun-17	Jun	33.7	16.4	25.0	60.4	31.1	225.3	11.4	0.0
18	Jun-24	Jun	31.5	18.8	25.1	62.5	31.6	341.9	10.1	0.0
25	Jun-01	Jul	33.5	17.6	25.6	63.8	31.8	236.7	11.8	0.0
02	Jul-08	Jul	31.7	21.3	26.5	67.6	30.7	421.4	11.7	0.0
09	Jul-15	Jul	33.4	19.8	26.6	63.0	30.6	315.3	13.4	0.0
16	Jul-22	Jul	35.6	21.9	28.8	65.6	30.0	287.7	13.0	0.0
23	Jul-29	Jul	39.4	21.3	30.4	59.9	28.9	208.2	12.7	0.0
30	Jul-05	Aug	37.3	21.6	29.5	59.4	27.7	259.2	13.2	0.0
06	Aug-12	Aug	39.7	22.8	31.2	51.5	26.3	272.2	13.4	0.0
13	Aug-19	Aug	34.6	21.1	27.8	50.3	27.7	329.0	13.0	0.0
20	Aug-26	Aug	33.1	18.8	26.0	52.0	27.8	392.5	m	0.0
27	Aug-02	Sep	34.9	18.6	26.8	51.7	26.7	264.3	m	0.0

**JINDIRESS - DAILY CLIMATIC DATA
SEPTEMBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	245	42.5	24.0	33.3	43.4	19.1	12.47	0.0	334.0
2	246	33.0	22.9	28.0	54.3	24.9	12.20	0.0	360.2
3	247	32.7	19.5	26.1	55.5	24.9	12.64	0.0	260.4
4	248	33.0	21.2	27.1	55.5	25.5	11.49	0.0	349.2
5	249	32.0	20.1	26.1	54.7	25.5	12.20	0.0	361.7
6	250	32.9	21.0	27.0	56.5	24.6	12.46	0.0	261.8
7	251	35.0	19.4	27.2	50.5	22.5	11.49	0.0	144.9
8	252	33.0	19.8	26.4	59.8	22.8	12.02	0.0	547.5
9	253	32.0	21.0	26.5	54.0	25.0	12.55	0.0	407.1
10	254	32.0	18.4	25.2	51.0	25.6	12.91	0.0	233.3
11	255	34.2	16.0	25.1	45.5	24.9	10.96	0.0	138.6
12	256	37.0	18.0	27.5	45.5	24.5	9.02	0.0	203.2
13	257	33.3	18.9	26.1	55.7	24.4	10.25	0.0	282.5
14	258	32.0	19.8	25.9	56.2	23.4	9.11	0.0	351.1
15	259	35.0	19.6	27.3	50.5	23.7	9.90	0.0	214.8
16	260	37.1	17.1	27.1	45.0	24.8	10.61	0.0	157.9
17	261	38.8	15.4	27.1	29.2	25.7	10.78	0.0	147.8
18	262	38.2	15.0	26.6	30.8	25.0	9.81	0.0	187.7
19	263	35.7	15.9	25.8	47.7	23.6	8.84	0.0	297.8
20	264	33.7	19.3	26.5	55.0	24.8	10.78	0.0	264.0
21	265	34.2	19.1	26.7	49.2	13.9	11.49	0.0	195.3
22	266	32.0	18.0	25.0	54.0	20.5	11.14	0.0	229.0
23	267	32.6	15.8	24.2	50.0	22.6	9.28	0.0	178.3
24	268	34.0	15.5	24.8	46.5	21.5	8.84	0.0	192.5
25	269	36.0	17.6	26.8	41.6	20.1	9.11	0.0	149.8
26	270	33.0	20.0	26.5	47.5	29.3	10.61	0.0	389.8
27	271	32.0	15.2	23.6	53.0	29.3	9.72	0.0	260.7
28	272	33.0	19.0	26.0	57.0	11.6	9.99	0.0	34.8
29	273	33.1	17.7	25.4	51.0	9.1	7.07	0.0	134.2
30	274	31.8	15.8	23.8	42.0	20.2	9.37	0.0	193.4
Mean/Total		34.2	18.5	26.3	49.6	22.8	10.64	0.0	248.8
Abs. Maximum		42.5	24.0	33.2	59.8	29.3	12.91	0.0	547.5
Abs. Minimum		31.8	15.0	23.6	29.2	9.1	7.07	0.0	34.8

**JINDIRESS - DAILY SOIL TEMPERATURE
SEPTEMBER 1986**

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	39.0	21.9	30.5	36.0	28.2	32.1	31.0	29.0	30.0
2	36.8	19.5	28.2	36.0	26.9	31.5	30.2	28.9	29.6
3	39.0	16.3	27.7	36.7	24.5	30.6	30.0	27.9	29.0
4	38.7	17.9	28.3	36.7	25.1	30.9	30.0	28.0	29.0
5	38.0	17.6	27.8	36.0	25.0	30.5	29.8	27.8	28.8
6	38.0	17.9	28.0	36.2	25.0	30.6	30.0	27.5	28.8
7	40.4	17.0	28.7	37.9	24.7	31.3	30.4	28.0	29.2
8	35.8	18.0	26.9	35.5	25.5	30.5	30.0	28.0	29.0
9	35.4	17.8	26.6	34.8	24.6	29.7	29.0	27.0	28.0
10	37.8	15.4	26.6	35.4	22.9	29.2	29.1	26.9	28.0
11	39.0	14.2	26.6	36.1	22.3	29.2	29.3	26.7	28.0
12	40.3	15.9	28.1	37.0	23.6	30.3	29.9	27.1	28.5
13	38.5	16.5	27.5	36.2	24.5	30.4	29.9	27.5	28.7
14	36.0	16.4	26.2	34.8	24.0	29.4	29.2	27.0	28.1
15	38.0	16.1	27.1	36.0	23.8	29.9	29.5	27.0	28.3
16	40.0	15.0	27.5	37.0	23.2	30.1	29.8	27.1	28.5
17	42.0	13.0	27.5	37.5	21.7	29.6	29.4	26.4	27.9
18	40.8	13.2	27.0	36.5	21.8	29.2	29.0	26.2	27.6
19	38.1	12.9	25.5	35.0	21.0	28.0	28.4	25.8	27.1
20	37.0	16.2	26.6	35.4	23.1	29.3	29.1	26.4	27.8
21	35.0	17.0	26.0	33.0	24.0	28.5	29.0	27.0	28.0
22	34.8	14.0	24.4	33.0	21.4	27.2	28.0	25.7	26.9
23	37.2	14.0	25.6	34.8	21.2	28.0	28.2	25.9	27.1
24	37.0	13.6	25.3	34.6	21.2	27.9	28.5	25.9	27.2
25	38.0	15.0	26.5	35.0	22.4	28.7	28.9	26.2	27.6
26	36.3	17.3	26.8	33.2	24.0	28.6	28.5	26.9	27.7
27	36.5	13.2	24.9	34.0	21.1	27.6	28.1	25.8	27.0
28	36.0	14.7	25.4	34.0	22.0	28.0	28.5	26.0	27.3
29	37.0	15.0	26.0	35.0	22.1	28.6	28.5	26.3	27.4
30	36.5	12.7	24.6	33.3	20.9	27.1	28.0	25.8	26.9
Mean	37.8	15.8	26.8	35.4	23.4	29.4	29.2	26.9	28.1
Abs.Max.	42.0	21.9	30.5	37.9	28.2	32.1	31.0	29.0	30.0
Abs.Min.	34.8	12.7	24.4	33.0	20.9	27.1	28.0	25.7	26.9

**JINDIRESS - DAILY CLIMATIC DATA
OCTOBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	275	22.0	15.0	18.5	64.7	8.4	4.72	22.4	332.6
2	276	20.2	15.0	17.6	62.6	9.6	2.39	0.0	165.5
3	277	20.0	14.0	17.0	66.5	7.6	1.12	2.0	177.8
4	278	23.3	13.5	18.4	61.5	18.1	2.65	0.0	191.7
5	279	26.0	11.2	18.6	55.5	21.2	3.54	0.0	120.0
6	280	28.0	11.3	19.7	51.1	22.0	8.49	0.0	131.2
7	281	27.9	12.9	20.4	47.5	19.2	5.30	0.0	95.6
8	282	29.6	11.2	20.4	45.5	19.4	4.77	0.0	123.5
9	283	29.6	15.2	22.4	50.7	18.5	5.48	0.0	169.4
10	284	29.0	14.6	21.8	56.5	17.9	3.54	0.0	166.3
11	285	27.0	13.2	20.1	55.4	18.9	5.30	0.0	191.1
12	286	28.0	12.0	20.0	54.5	19.2	4.42	0.0	148.8
13	287	27.6	12.2	19.9	55.0	18.4	4.54	5.6	195.2
14	288	24.2	14.0	19.1	58.5	19.3	2.12	0.0	156.3
15	289	27.0	10.2	18.6	56.8	18.2	3.62	0.0	97.2
16	290	30.2	11.8	21.0	57.3	18.4	5.48	0.0	120.8
17	291	30.8	13.8	22.3	54.8	16.7	4.42	0.0	121.3
18	292	26.8	15.4	21.1	64.4	12.2	4.07	0.0	313.7
19	293	26.2	13.8	20.0	63.5	9.4	5.13	0.0	224.4
20	294	25.0	12.2	18.6	59.3	24.6	5.66	0.0	137.7
21	295	27.1	10.1	18.6	58.0	12.6	6.19	0.0	148.6
22	296	25.0	14.2	19.6	69.5	14.1	5.30	0.0	221.4
23	297	24.6	10.0	17.3	60.5	17.6	4.77	0.0	135.3
24	298	24.4	9.0	16.7	62.5	16.0	5.48	0.0	114.9
25	299	27.2	10.0	18.6	57.5	17.3	6.19	0.0	130.3
26	300	29.3	11.0	20.2	54.0	16.7	3.80	0.0	147.6
27	301	30.2	12.5	21.4	50.5	16.0	4.42	0.0	198.5
28	302	30.5	14.9	22.7	48.2	14.5	5.83	0.0	155.3
29	303	31.0	14.5	22.8	49.0	12.4	5.30	0.0	138.2
30	304	31.0	16.6	23.8	51.0	15.3	7.07	0.0	217.1
31	305	23.0	18.0	20.5	68.0	4.8	4.86	0.0	250.3
Mean/Total		26.8	13.0	19.9	57.1	15.9	4.71	30.0	169.0
Abs. Maximum		31.0	18.0	23.8	69.5	24.6	8.49	22.4	332.6
Abs. Minimum		20.0	9.0	16.7	45.5	4.8	1.12	0.0	95.6

**JINDIRESS - DAILY SOIL TEMPERATURE
OCTOBER 1986**

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	21.9	12.1	17.0	24.0	20.4	22.2	27.0	25.0	26.0
2	16.2	10.6	13.4	20.6	18.0	19.3	25.0	23.4	24.2
3	15.0	9.0	12.0	19.0	16.0	17.5	23.3	22.1	22.7
4	19.2	8.2	13.7	22.0	15.0	18.5	22.9	21.1	22.0
5	25.9	7.1	16.5	26.0	14.8	20.4	23.8	21.2	22.5
6	26.2	8.2	17.2	26.8	16.0	21.4	24.0	22.0	23.0
7	25.8	9.0	17.4	26.1	16.3	21.2	24.0	22.0	23.0
8	25.9	8.1	17.0	26.1	15.9	21.0	24.0	22.0	23.0
9	26.0	11.0	18.5	27.0	18.0	22.5	24.3	22.7	23.5
10	26.0	11.0	18.5	26.9	17.9	22.4	24.3	22.8	23.6
11	24.5	11.0	17.8	24.3	17.9	21.1	24.1	22.9	23.5
12	27.0	9.4	18.2	23.0	17.0	20.0	23.9	22.0	23.0
13	27.0	9.0	18.0	23.0	18.0	20.5	23.9	22.0	23.0
14	24.2	10.0	17.1	22.3	18.9	20.6	23.6	22.2	22.9
15	26.4	6.7	16.6	22.9	17.0	20.0	23.1	21.0	22.1
16	26.5	7.3	16.9	23.1	17.2	20.2	23.2	21.1	22.2
17	26.4	8.3	17.4	23.0	18.0	20.5	23.2	21.4	22.3
18	22.0	10.6	16.3	21.0	18.5	19.8	23.1	21.9	22.5
19	23.2	8.8	16.0	21.0	17.1	19.1	22.3	21.0	21.7
20	25.0	9.0	17.0	21.8	17.1	19.5	22.3	21.0	21.7
21	22.0	7.4	14.7	20.4	16.8	18.6	22.1	20.4	21.3
22	23.8	9.1	16.5	21.0	17.2	19.1	22.0	20.8	21.4
23	25.2	7.0	16.1	21.0	16.5	18.8	22.0	20.2	21.1
24	25.5	6.0	15.8	21.0	16.0	18.5	21.8	20.0	20.9
25	27.0	6.8	16.9	21.5	16.2	18.9	21.8	20.0	20.9
26	27.0	7.5	17.3	21.9	16.5	19.2	21.8	20.0	20.9
27	26.1	7.9	17.0	21.5	16.9	19.2	21.8	20.0	20.9
28	27.2	9.2	18.2	22.0	17.1	19.6	22.0	20.0	21.0
29	27.8	10.0	18.9	22.0	17.8	19.9	22.1	20.8	21.5
30	29.0	10.6	19.8	23.0	18.1	20.6	22.8	21.0	21.9
31	16.2	11.6	13.9	20.2	18.0	19.1	22.5	20.9	21.7
Mean	24.4	9.0	16.7	22.8	17.2	20.0	23.2	21.4	22.3
Abs.Max.	29.0	12.1	19.8	27.0	20.4	22.5	27.0	25.0	26.0
Abs.Min.	15.0	6.0	12.0	19.0	14.8	17.5	21.8	20.0	20.9

**JINDIRESS - DAILY CLIMATIC DATA
NOVEMBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	306	22.9	12.8	17.9	68.9	8.7	4.95	20.6	156.5
2	307	22.9	12.8	17.3	73.0	9.4	2.06	5.6	135.0
3	308	18.1	12.9	15.5	77.5	7.4	6.77	1.2	97.9
4	309	20.0	9.1	14.6	70.8	21.2	1.77	0.0	134.3
5	310	20.0	10.0	15.0	79.0	11.5	1.93	2.2	89.8
6	311	16.0	12.0	14.0	86.5	8.5	1.55	21.0	103.8
7	312	18.0	9.7	13.9	78.5	17.5	0.52	1.4	165.9
8	313	16.0	8.0	12.0	80.0	5.9	3.57	18.6	252.3
9	314	14.0	7.0	10.5	71.0	14.3	0.88	0.0	191.5
10	315	15.0	2.8	8.9	68.0	16.5	1.77	0.0	192.7
11	316	15.0	0.9	8.0	65.4	16.5	2.65	0.0	161.3
12	317	16.8	2.4	9.6	62.5	16.6	1.77	0.0	113.9
13	318	16.6	0.6	8.6	66.1	15.1	2.83	0.0	116.7
14	319	19.0	2.0	10.5	71.4	6.3	2.30	0.0	134.8
15	320	19.8	3.7	11.8	69.5	25.0	3.01	0.0	183.0
16	321	20.2	3.1	11.7	61.4	13.9	2.65	0.0	178.5
17	322	18.5	2.1	10.3	67.0	15.4	1.94	0.0	115.6
18	323	18.2	4.0	11.1	67.9	14.3	1.77	0.0	109.6
19	324	18.2	3.4	10.8	71.5	14.2	1.86	0.0	124.5
20	325	17.8	3.0	10.4	69.6	14.5	3.54	0.0	291.2
21	326	18.0	8.0	13.0	63.5	12.2	2.65	0.0	246.9
22	327	18.0	3.2	10.6	65.7	14.0	3.54	0.0	125.6
23	328	18.0	0.8	9.4	69.2	12.6	3.98	0.0	113.3
24	329	17.8	0.8	9.3	71.1	15.3	2.30	0.0	117.0
25	330	17.2	2.2	9.7	67.7	12.5	1.94	0.0	101.2
26	331	17.0	0.1	8.6	69.8	13.0	1.33	0.0	205.1
27	332	12.0	2.8	7.4	79.0	6.9	2.03	0.0	117.8
28	333	15.0	1.2	8.1	67.3	4.4	1.77	0.0	148.9
29	334	15.0	2.0	8.5	53.7	15.2	1.77	0.0	112.2
30	335	12.6	-2.0	5.3	59.4	15.2	1.77	0.0	374.9
Mean/Total		17.4	4.8	11.1	69.7	13.1	2.43	70.6	157.1
Abs.Maximum		22.9	14.8	17.9	86.5	25.0	6.67	21.0	374.9
Abs.Minimum		12.0	-2.0	5.3	53.7	4.4	0.52	0.0	89.8

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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	20.0	8.0	14.0	19.0	16.4	17.7	21.0	20.0	20.5
2	15.3	8.8	12.1	18.0	16.0	17.0	20.2	19.4	19.8
3	12.6	7.2	9.9	16.2	15.0	15.6	19.7	18.5	19.1
4	15.8	3.8	9.8	16.4	13.0	14.7	19.0	17.6	18.3
5	15.0	4.4	9.7	16.0	13.0	14.5	18.8	17.6	18.2
6	10.7	7.0	8.9	14.7	13.9	14.3	18.2	17.7	18.0
7	15.2	4.9	10.1	15.0	13.0	14.0	17.7	16.9	17.3
8	8.7	3.0	5.9	13.7	12.7	13.2	17.2	15.6	16.4
9	10.0	2.0	6.0	11.9	10.5	11.2	15.5	14.5	15.0
10	9.8	-1.0	4.4	11.1	9.7	10.4	14.9	13.8	14.4
11	10.5	-2.6	4.0	10.6	8.4	9.5	14.1	12.9	13.5
12	11.2	-1.9	4.7	11.0	8.4	9.7	13.9	12.9	13.4
13	11.1	-2.9	4.1	10.6	8.1	9.4	13.8	12.4	13.1
14	11.5	-2.0	4.8	11.0	8.2	9.6	13.8	12.4	13.1
15	13.2	-1.0	6.1	11.5	8.9	10.2	14.0	12.8	13.4
16	12.8	-0.9	6.0	11.2	9.0	10.1	14.0	12.9	13.5
17	13.0	-1.3	5.9	11.1	8.9	10.0	14.0	12.9	13.5
18	13.2	0.0	6.6	11.3	9.0	10.2	14.0	13.0	13.5
19	13.0	-0.2	6.4	11.3	9.1	10.2	14.0	13.0	13.5
20	12.0	-0.4	5.8	11.0	9.0	10.0	14.0	12.8	13.4
21	11.0	1.2	6.1	11.0	9.3	10.2	13.8	12.9	13.4
22	12.7	-0.5	6.1	11.0	8.9	10.0	13.6	12.6	13.1
23	12.6	-1.8	5.4	10.6	8.0	9.3	13.3	12.0	12.7
24	12.0	-2.0	5.0	10.0	8.0	9.0	13.0	12.0	12.5
25	12.0	-1.0	5.5	10.0	8.0	9.0	13.0	12.0	12.5
26	13.0	-0.4	6.3	15.8	m	m	16.8	15.8	16.3
27	7.2	4.0	5.6	14.6	13.8	14.2	16.8	15.8	16.3
28	10.3	2.7	6.5	14.3	12.7	13.5	15.9	14.9	15.4
29	12.0	4.0	8.0	15.2	13.7	14.5	16.2	15.3	15.8
30	9.5	2.2	5.9	13.8	12.3	13.1	16.1	14.8	15.5
Mean	12.2	1.4	6.8	13.0	10.9	11.9	15.7	14.6	15.1
Abs.Max.	20.0	8.8	14.0	19.0	16.4	17.7	21.0	20.0	20.5
Abs.Min.	7.2	-2.9	4.0	10.0	8.0	9.0	13.0	12.0	12.5

**JINDIRESS - DAILY CLIMATIC DATA
DECEMBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	336	12.0	-4.3	3.9	61.1	11.8	1.77	0.0	185.8
2	337	12.1	-4.2	4.0	62.6	13.0	1.77	0.0	136.9
3	338	13.3	-3.9	4.7	62.5	12.3	2.74	0.0	116.0
4	339	13.0	-2.0	5.5	63.9	8.9	2.74	0.0	121.5
5	340	14.6	-3.2	5.7	67.8	14.3	2.74	0.0	221.9
6	341	17.4	-1.0	8.2	69.4	13.2	2.74	0.0	70.7
7	342	19.4	3.0	11.2	58.1	12.6	2.74	0.0	204.0
8	343	18.0	2.0	10.0	60.0	13.1	3.54	0.0	170.5
9	344	15.5	-0.1	7.7	70.5	11.7	1.77	0.0	169.5
10	345	16.0	1.2	8.6	70.5	12.7	2.74	0.0	136.1
11	346	14.8	-1.3	6.8	70.7	11.5	1.18	0.0	126.5
12	347	13.5	-2.2	5.7	68.2	12.0	1.18	0.0	116.0
13	348	13.2	-4.0	4.6	63.5	11.7	1.18	0.0	130.0
14	349	13.0	-3.0	5.0	66.0	9.4	3.01	0.0	138.4
15	350	13.0	3.8	8.4	66.1	9.0	2.65	0.0	123.9
16	351	14.0	0.5	7.3	71.7	10.9	2.39	0.0	152.8
17	352	12.5	1.0	6.8	77.1	5.7	2.56	0.0	541.2
18	353	10.2	7.2	8.7	81.4	1.2	4.11	7.2	444.6
19	354	7.2	6.0	6.6	93.0	0.9	5.44	8.0	255.1
20	355	11.0	7.0	9.0	92.0	2.5	1.97	25.4	325.6
21	356	14.0	7.0	10.5	79.5	6.6	1.16	2.4	290.7
22	357	12.8	6.0	9.4	83.5	8.1	0.99	3.2	183.6
23	358	15.0	9.0	12.0	83.2	8.1	0.97	0.0	146.9
24	359	13.8	8.0	10.9	84.0	6.8	2.39	0.0	313.7
25	360	14.7	6.1	10.4	79.0	9.3	0.44	0.0	192.8
26	361	10.0	4.0	7.0	84.5	2.5	3.86	18.0	214.8
27	362	10.6	6.8	8.7	82.1	3.9	0.53	7.6	312.8
28	363	12.2	6.2	9.2	82.3	5.5	7.94	25.0	229.3
29	364	9.6	5.4	7.5	83.0	1.1	4.52	14.6	140.9
30	365	10.2	1.0	5.6	69.0	6.8	1.48	0.0	223.2
31	366	8.0	0.0	4.0	80.5	9.1	1.48	3.6	219.8
Mean/Total		13.1	2.0	7.5	73.8	8.6	2.48	115.0	205.0
Abs. Maximum		19.4	9.0	12.0	93.0	14.3	7.94	25.4	541.2
Abs. Minimum		7.2	-4.3	3.9	58.1	0.9	0.44	0.0	70.7

**JINDIRESS - DAILY SOIL TEMPERATURE
DECEMBER 1986**

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	8.2	0.0	4.1	12.5	11.0	11.8	15.0	13.8	14.4
2	9.0	-0.3	4.4	12.1	10.0	11.1	14.1	13.0	13.6
3	13.5	-0.3	6.6	11.0	7.2	9.1	8.9	7.1	8.0
4	12.6	5.8	9.2	8.0	5.1	6.6	8.8	7.8	8.3
5	13.0	5.6	9.3	8.1	5.0	6.6	8.2	7.5	7.9
6	14.3	6.0	10.2	9.2	5.2	7.2	8.6	7.5	8.1
7	15.0	7.8	11.4	10.0	6.3	8.2	9.0	8.0	8.5
8	14.8	7.2	11.0	9.8	6.3	8.1	9.0	8.0	8.5
9	15.0	7.0	11.0	9.8	6.3	8.1	9.1	8.5	8.8
10	14.2	7.2	10.7	11.2	6.4	8.8	11.5	10.4	11.0
11	13.8	6.0	9.9	10.8	7.2	9.0	11.5	10.0	10.8
12	13.2	5.8	9.5	10.2	7.0	8.6	11.1	10.0	10.6
13	12.2	4.8	8.5	9.4	6.0	7.7	10.8	9.2	10.0
14	11.3	4.2	7.8	8.9	5.5	7.2	10.0	9.0	9.5
15	12.0	7.0	9.5	10.0	7.0	8.5	10.3	9.5	9.9
16	13.4	6.8	10.1	10.4	7.2	8.8	11.0	10.0	10.5
17	10.7	6.3	8.5	9.2	7.0	8.1	11.0	10.0	10.5
18	10.0	9.2	9.6	9.2	9.0	9.1	10.8	10.7	10.8
19	9.2	8.4	8.8	9.0	8.2	8.6	10.8	10.2	10.5
20	10.0	8.4	9.2	9.2	8.2	8.7	10.5	10.2	10.4
21	11.8	8.8	10.3	10.6	8.8	9.7	11.0	10.3	10.7
22	12.7	8.0	10.4	10.9	8.1	9.5	11.2	10.5	10.9
23	14.5	10.0	12.3	12.0	9.9	11.0	12.0	11.0	11.5
24	12.8	10.0	11.4	11.3	10.0	10.7	12.0	11.3	11.6
25	13.3	10.0	11.7	12.0	10.0	11.0	12.0	11.5	11.8
26	10.2	8.0	9.1	10.3	8.9	9.6	12.0	11.0	11.5
27	11.0	8.8	9.9	10.0	8.8	9.4	11.0	10.6	10.8
28	11.0	8.2	9.6	10.0	8.4	9.2	10.8	10.1	10.5
29	10.0	8.0	9.0	9.2	8.0	8.6	10.8	10.2	10.5
30	10.3	6.1	8.2	8.8	6.6	7.7	10.2	9.2	9.7
31	8.1	5.1	6.6	7.8	5.8	6.8	9.7	8.9	9.3
Mean	12.0	6.8	9.3	10.0	7.6	8.8	10.7	9.8	10.3
Abs.Max.	15.0	10.0	12.3	12.5	11.0	11.8	15.0	13.8	14.4
Abs.Min.	8.1	-0.3	4.1	7.8	5.0	6.6	8.2	7.1	7.9

**JINDIRESS - DAILY CLIMATIC DATA
JANUARY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	1	7.0	5.6	6.3	89.7	4.0	6.52	24.2	127.9
2	2	10.8	4.7	7.8	86.0	8.0	1.33	0.0	241.5
3	3	9.3	3.9	6.6	82.4	7.0	0.38	9.4	269.3
4	4	8.3	6.9	7.6	89.0	2.1	1.35	4.0	204.9
5	5	10.0	6.5	8.3	87.6	2.9	5.92	24.4	141.7
6	6	9.0	6.0	7.5	86.0	3.5	0.27	0.0	238.0
7	7	11.0	7.0	9.0	80.1	3.3	6.18	27.4	173.1
8	8	12.0	10.0	11.0	84.5	4.1	0.20	8.6	139.8
9	9	13.0	8.7	10.9	78.7	4.1	2.17	5.0	277.0
10	10	12.0	2.0	7.0	69.5	9.2	3.27	0.0	204.1
11	11	10.4	0.6	5.5	76.5	10.0	2.65	0.0	210.1
12	12	11.3	3.0	7.2	67.5	10.8	2.30	0.0	210.5
13	13	14.0	3.8	8.9	73.5	12.5	2.74	0.0	103.3
14	14	13.2	0.0	6.6	78.0	11.7	1.68	0.0	103.7
15	15	13.9	1.5	7.7	76.9	12.1	1.41	0.0	91.0
16	16	15.0	0.6	7.8	74.1	12.6	1.77	0.0	108.9
17	17	16.0	0.0	8.0	73.4	13.2	1.59	0.0	129.0
18	18	17.0	1.3	9.2	70.1	13.3	2.65	0.0	133.1
19	19	19.0	3.0	11.0	60.8	14.7	2.92	0.0	186.4
20	20	17.5	7.0	12.3	61.8	8.3	3.18	0.0	141.9
21	21	16.9	5.7	11.3	68.1	10.8	1.41	0.0	97.1
22	22	15.0	0.0	7.5	73.6	13.9	1.41	3.0	114.8
23	23	9.0	4.8	6.9	87.3	2.8	0.54	1.6	103.8
24	24	9.6	5.0	7.3	86.7	5.5	1.76	3.0	107.1
25	25	8.4	4.8	6.6	85.8	3.6	3.65	22.3	146.3
26	26	7.6	1.2	4.4	74.5	8.3	2.65	0.0	297.4
27	27	7.8	1.0	4.4	83.9	5.4	2.61	17.2	252.4
28	28	12.1	5.1	8.6	91.0	2.1	1.72	11.8	89.0
29	29	12.6	6.1	9.4	87.5	3.1	0.97	0.0	87.4
30	30	14.1	7.7	10.9	78.5	5.9	1.68	0.0	164.6
31	31	17.0	3.0	10.0	75.8	14.8	1.94	0.0	125.1
Mean/Total		12.3	4.1	8.2	78.7	7.9	2.29	161.9	161.9
Abs. Maximum		19.0	10.0	12.3	91.0	14.8	6.52	27.4	297.4
Abs. Minimum		7.0	0.0	4.4	60.8	2.1	0.20	0.0	87.4

**JINDIRESS - DAILY SOIL TEMPERATURE
JANUARY 1987**

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	8.8	8.0	8.4	8.0	7.7	7.9	9.6	9.2	9.4
2	12.4	7.8	10.1	9.9	7.0	8.5	10.0	9.0	9.5
3	10.8	7.2	9.0	9.0	7.0	8.0	10.0	9.2	9.6
4	9.2	8.5	8.9	8.4	7.6	8.0	9.9	9.5	9.7
5	10.3	8.9	9.6	9.0	8.0	8.5	10.0	9.6	9.8
6	10.0	8.0	9.0	8.9	7.9	8.4	10.0	9.5	9.8
7	10.2	7.8	9.0	9.8	7.4	8.6	10.0	9.2	9.6
8	11.0	10.0	10.5	10.8	9.8	10.3	11.0	10.0	10.5
9	11.3	9.3	10.3	10.8	9.5	10.2	11.0	10.6	10.8
10	11.8	9.0	10.4	10.2	9.0	9.6	10.9	10.1	10.5
11	10.6	5.8	8.2	10.2	6.6	8.4	10.9	9.0	10.0
12	10.2	6.0	8.1	9.0	7.0	8.0	9.8	9.0	9.4
13	13.2	7.0	10.1	10.7	7.3	9.0	9.6	9.0	9.3
14	13.1	6.0	9.6	10.4	7.2	8.8	10.3	9.5	9.9
15	13.5	6.2	9.9	10.7	7.0	8.9	10.2	9.2	9.7
16	13.9	6.0	10.0	10.9	7.0	9.0	10.2	9.2	9.7
17	14.0	6.0	10.0	11.0	7.0	9.0	10.3	9.1	9.7
18	14.2	6.6	10.4	11.0	7.1	9.1	10.5	9.3	9.9
19	14.0	7.0	10.5	11.0	7.4	9.2	10.5	9.3	9.9
20	14.1	8.9	11.5	11.9	8.9	10.4	11.0	10.0	10.5
21	15.0	8.5	11.8	12.5	8.8	10.7	12.0	10.6	11.3
22	15.1	7.5	11.3	12.1	8.1	10.1	12.0	10.9	11.5
23	11.0	9.8	10.4	10.8	9.5	10.2	11.9	11.1	11.5
24	11.5	8.5	10.0	10.1	8.5	9.3	11.1	10.7	10.9
25	10.0	8.4	9.2	9.5	8.5	9.0	11.0	10.4	10.7
26	9.2	7.0	8.1	8.8	7.5	8.2	10.4	9.8	10.1
27	9.0	5.8	7.4	8.0	6.0	7.0	10.0	9.0	9.5
28	9.2	7.6	8.4	8.5	7.0	7.8	10.0	9.1	9.6
29	11.2	9.0	10.1	10.0	8.2	9.1	10.8	10.0	10.4
30	13.1	10.9	12.0	11.8	10.0	10.9	11.8	10.8	11.3
31	16.0	8.0	12.0	13.0	8.6	10.8	12.0	10.8	11.4
Mean	11.9	7.8	9.8	10.2	7.9	9.0	10.6	9.7	10.2
Abs.Max.	16.0	10.9	12.0	13.0	10.0	10.9	12.0	11.1	11.5
Abs.Min.	8.8	5.8	7.4	8.0	6.0	7.0	9.6	9.0	9.3

**JINDIRESS - DAILY CLIMATIC DATA
FEBRUARY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	32	19.0	5.0	12.0	72.0	15.0	1.77	0.0	131.3
2	33	18.5	5.5	12.0	73.4	8.6	2.66	6.2	174.0
3	34	17.0	7.2	12.1	81.5	9.5	2.42	5.6	118.5
4	35	16.0	7.5	11.8	71.9	15.3	3.45	0.0	235.9
5	36	15.9	2.1	9.0	68.0	15.2	2.65	0.0	172.4
6	37	15.0	1.0	8.0	67.5	13.2	3.27	0.0	302.1
7	38	15.2	8.6	11.9	71.4	13.9	4.24	0.0	341.1
8	39	14.0	4.0	9.0	78.8	10.0	1.23	3.0	132.9
9	40	10.0	5.8	7.9	84.8	4.6	1.13	5.2	96.0
10	41	15.0	4.0	9.5	66.9	16.1	3.54	0.0	176.4
11	42	15.4	1.0	8.2	75.7	13.7	1.77	0.0	196.8
12	43	16.0	7.8	11.9	61.9	16.8	5.30	0.0	313.4
13	44	18.0	5.0	11.5	62.1	15.8	7.07	0.0	280.3
14	45	18.0	10.0	14.0	53.7	14.2	5.92	0.0	454.6
15	46	20.0	7.4	13.7	60.5	15.1	5.30	0.0	218.4
16	47	17.1	6.1	11.6	73.5	10.8	4.42	0.0	189.1
17	48	14.6	7.0	10.8	83.9	10.9	2.74	8.4	203.4
18	49	11.2	6.8	9.0	92.7	3.0	9.88	36.4	104.2
19	50	13.3	6.9	10.1	83.9	13.1	2.65	0.0	123.3
20	51	17.0	2.7	9.9	73.0	19.9	2.03	0.0	140.7
21	52	18.1	2.7	10.4	67.5	18.4	2.65	0.0	127.8
22	53	18.0	3.8	10.9	68.8	17.5	1.77	0.0	224.4
23	54	19.7	7.1	13.4	62.7	18.1	5.30	0.0	444.4
24	55	18.0	7.0	12.5	60.7	13.0	1.70	4.0	351.5
25	56	14.0	9.2	11.6	85.0	5.1	1.76	10.6	147.4
26	57	12.5	8.0	10.3	88.5	6.6	1.30	3.6	190.8
27	58	13.7	3.9	8.8	83.5	13.0	2.65	0.0	235.3
28	59	12.0	3.0	7.5	79.0	7.2	2.30	0.0	188.2
29	60								
Mean/Total		15.8	5.6	10.7	73.3	12.6	3.32	83.0	214.8
Abs. Maximum		20.0	10.0	14.0	92.7	19.9	9.88	36.4	454.6
Abs. Minimum		10.0	1.0	7.5	53.7	3.0	1.13	0.0	96.0

**JINDIRESS - DAILY SOIL TEMPERATURE
FEBRUARY 1987**

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	16.0	9.0	12.5	13.0	9.0	11.0	12.1	11.0	11.6
2	14.0	9.0	11.5	12.0	9.2	10.6	12.1	11.0	11.6
3	15.1	10.0	12.6	13.0	10.0	11.5	12.5	11.7	12.1
4	15.9	9.7	12.8	13.9	10.5	12.2	12.5	11.1	11.8
5	16.2	7.0	11.6	13.0	8.5	10.8	12.0	10.6	11.3
6	14.9	6.0	10.5	12.0	7.4	9.7	11.5	10.0	10.8
7	14.3	8.7	11.5	12.1	9.0	10.6	11.1	10.1	10.6
8	13.9	8.5	11.2	11.9	9.1	10.5	11.0	10.5	10.8
9	12.0	8.8	10.4	10.9	9.1	10.0	10.9	10.5	10.7
10	15.5	8.2	11.9	12.8	8.2	10.5	11.0	10.0	10.5
11	16.0	5.8	10.9	12.9	7.1	10.0	10.8	9.0	9.9
12	15.5	8.3	11.9	13.0	9.0	11.0	10.7	9.7	10.2
13	16.5	7.0	11.8	13.3	8.0	10.7	10.9	9.3	10.1
14	16.0	9.0	12.5	13.3	9.7	11.5	11.0	10.0	10.5
15	17.8	10.0	13.9	15.0	10.6	12.8	12.0	10.8	11.4
16	16.5	8.9	12.7	13.9	10.0	12.0	12.0	10.9	11.5
17	15.6	9.8	12.7	13.0	10.2	11.6	11.6	11.0	11.3
18	11.3	8.9	10.1	11.0	9.7	10.4	11.3	10.5	10.9
19	15.7	9.3	12.5	13.0	9.0	11.0	11.0	10.0	10.5
20	17.3	6.0	11.7	13.5	7.5	10.5	11.0	9.4	10.2
21	19.0	6.5	12.8	14.8	8.0	11.4	11.3	9.3	10.3
22	18.1	7.1	12.6	14.4	8.4	11.4	11.5	9.9	10.7
23	17.8	8.2	13.0	14.1	9.0	11.6	11.5	10.0	10.8
24	16.6	10.0	13.3	14.0	10.2	12.1	12.0	11.0	11.5
25	13.5	11.3	12.4	13.0	11.4	12.2	12.0	11.6	11.8
26	13.5	10.1	11.8	12.2	11.0	11.6	11.8	11.0	11.4
27	15.3	7.8	11.6	13.0	9.0	11.0	11.2	10.3	10.8
28	15.8	7.0	11.4	13.0	8.0	10.5	11.0	9.8	10.4
Mean	15.6	8.4	12.0	13.0	9.1	11.1	11.5	10.4	10.9
Abs.Max.	19.0	11.3	13.9	15.0	11.4	12.8	12.5	11.7	12.1
Abs.Min.	11.3	5.8	10.1	10.9	7.1	9.7	10.7	9.0	9.9

**JINDIRESS - DAILY CLIMATIC DATA
MARCH 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	61	10.0	3.0	6.5	74.5	13.0	1.50	0.0	92.4
2	62	11.8	3.0	7.4	81.3	10.5	2.12	0.0	90.1
3	63	14.5	2.6	8.6	80.0	15.1	1.77	0.0	75.5
4	64	16.3	6.0	11.2	78.0	8.8	2.22	6.2	209.3
5	65	13.0	7.0	10.0	85.0	5.8	6.36	19.0	215.9
6	66	11.2	4.0	7.6	75.5	8.6	1.77	0.0	225.1
7	67	9.2	4.0	6.6	87.1	3.6	3.63	13.0	182.6
8	68	9.5	4.9	7.2	79.0	9.7	1.06	4.6	167.8
9	69	11.1	2.5	6.8	78.0	11.0	5.26	19.4	308.8
10	70	9.0	5.8	7.4	81.6	8.6	2.30	7.6	281.8
11	71	11.0	3.0	7.0	80.5	12.9	1.32	3.8	116.2
12	72	10.5	0.5	5.5	83.5	7.8	2.90	13.6	239.6
13	73	9.3	2.1	5.7	82.2	13.9	1.09	1.0	174.1
14	74	10.6	-1.0	4.8	71.3	20.8	3.27	0.0	171.6
15	75	11.0	-0.5	5.3	75.3	18.8	1.77	0.0	124.7
16	76	9.7	0.5	5.1	78.8	7.1	2.19	8.2	227.0
17	77	11.2	3.0	7.1	87.0	14.8	1.19	4.2	166.5
18	78	13.0	6.0	9.5	83.0	4.4	3.70	13.6	295.1
19	79	13.0	2.0	7.5	59.5	25.3	2.12	0.0	196.0
20	80	13.6	-1.8	5.9	67.0	24.7	7.34	0.0	75.3
21	81	16.4	0.0	8.2	68.9	25.0	3.54	0.0	134.4
22	82	19.3	1.7	10.5	69.3	25.0	4.42	0.0	119.7
23	83	18.6	5.0	11.8	68.5	16.1	5.04	0.0	209.4
24	84	17.8	8.4	13.1	74.1	10.0	2.60	2.6	222.8
25	85	19.0	8.0	13.5	76.5	17.5	1.89	1.8	201.3
26	86	20.0	11.0	15.5	74.5	24.3	4.69	0.0	208.5
27	87	21.0	6.9	14.0	69.0	24.6	5.31	0.0	174.1
28	88	19.0	4.0	11.5	69.5	22.0	4.77	0.0	119.8
29	89	21.5	6.2	13.9	69.4	21.7	3.54	0.0	108.2
30	90	23.5	5.8	14.7	69.5	26.4	4.86	0.0	130.7
31	91	25.0	6.8	15.9	68.5	26.1	5.22	0.0	117.3
Mean/Total		14.5	3.9	9.2	75.7	15.6	3.25	118.6	173.6
Abs. Maximum		25.0	11.0	15.9	87.1	26.4	7.34	19.4	308.8
Abs. Minimum		9.0	-1.8	4.8	59.5	3.6	1.06	0.0	75.3

**JINDIRESS - DAILY SOIL TEMPERATURE
MARCH 1987**

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	11.0	6.3	8.7	10.0	7.5	8.8	11.0	9.4	10.2
2	13.0	7.9	10.5	11.0	8.2	9.6	10.0	9.1	9.6
3	16.2	5.5	10.9	13.0	7.0	10.0	10.5	9.0	9.8
4	18.0	8.0	13.0	14.0	9.0	11.5	11.2	10.0	10.6
5	13.1	10.0	11.6	12.0	10.2	11.1	11.2	10.9	11.1
6	12.2	7.2	9.7	10.5	8.1	9.3	10.9	9.8	10.4
7	9.4	7.4	8.4	9.3	7.9	8.6	10.0	9.0	9.5
8	11.7	7.8	9.8	10.0	8.0	9.0	9.1	8.9	9.0
9	14.0	6.0	10.0	11.0	6.9	9.0	9.3	8.5	8.9
10	11.5	7.9	9.7	9.9	7.9	8.9	9.4	8.5	9.0
11	14.8	7.0	10.9	11.6	7.2	9.4	9.8	8.5	9.2
12	10.8	4.4	7.6	9.0	6.0	7.5	9.8	8.0	8.9
13	13.9	6.9	10.4	10.9	7.0	9.0	9.0	8.0	8.5
14	14.4	4.0	9.2	10.8	5.4	8.1	9.0	7.2	8.1
15	16.0	4.1	10.1	12.0	5.1	8.6	9.2	7.2	8.2
16	11.0	4.9	8.0	9.1	6.0	7.6	9.2	8.0	8.6
17	15.3	6.0	10.7	12.0	6.8	9.4	9.6	8.0	8.8
18	11.0	8.4	9.7	9.8	8.2	9.0	9.6	8.8	9.2
19	17.0	5.0	11.0	12.4	6.0	9.2	9.8	8.0	8.9
20	18.9	4.0	11.5	13.5	5.1	9.3	10.0	7.9	9.0
21	20.9	5.1	13.0	15.1	6.5	10.8	11.0	8.4	9.7
22	22.7	6.5	14.6	17.0	8.0	12.5	12.0	9.2	10.6
23	18.0	8.2	13.1	14.8	9.6	12.2	12.0	10.4	11.2
24	15.1	10.9	13.0	13.2	11.0	12.1	11.8	11.0	11.4
25	18.2	9.9	14.1	15.0	10.0	12.5	12.0	11.0	11.5
26	22.0	10.9	16.5	17.4	11.0	14.2	13.2	11.2	12.2
27	22.9	9.5	16.2	18.0	11.0	14.5	13.5	11.9	12.7
28	20.9	8.0	14.5	16.5	9.9	13.2	13.5	11.2	12.4
29	23.0	8.5	15.8	18.0	10.0	14.0	13.8	11.2	12.5
30	25.0	9.0	17.0	19.8	10.8	15.3	14.2	12.0	13.1
31	26.0	9.5	17.8	20.9	11.2	16.1	15.2	12.7	14.0
Mean	16.4	7.2	11.8	13.1	8.1	10.6	11.0	9.4	10.2
Abs.Max.	26.0	10.9	17.8	20.9	11.2	16.1	15.2	12.7	14.0
Abs.Min.	9.4	4.0	7.6	9.0	5.1	7.5	9.0	7.2	8.1

**JINDIRESS - DAILY CLIMATIC DATA
APRIL 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	92	27.5	9.9	18.7	69.5	25.3	8.31	0.0	324.0
2	93	24.3	13.5	18.9	74.5	20.8	5.30	0.0	284.7
3	94	19.2	11.2	15.2	81.0	19.5	4.63	6.4	340.9
4	95	23.0	8.5	15.8	68.8	24.2	6.01	0.0	269.1
5	96	24.0	6.2	15.1	70.1	25.5	6.63	0.0	190.7
6	97	25.0	7.4	16.2	70.3	28.6	5.30	0.0	159.1
7	98	25.0	8.0	16.5	71.5	22.9	4.69	0.0	140.7
8	99	25.8	11.1	18.5	67.0	19.5	3.54	0.0	95.2
9	100	25.5	11.9	18.7	67.1	21.1	5.54	5.8	158.7
10	101	22.8	7.8	15.3	71.8	23.9	4.07	0.0	120.1
11	102	23.0	8.0	15.5	65.8	19.0	3.63	1.6	117.1
12	103	23.0	13.0	18.0	64.5	20.8	6.06	5.0	302.3
13	104	19.8	10.0	14.9	75.0	25.7	4.77	0.0	351.5
14	105	20.1	6.8	13.5	70.5	20.3	3.54	0.0	123.1
15	106	21.0	6.8	13.9	66.5	27.3	3.80	0.0	203.2
16	107	22.0	7.6	14.8	68.4	14.4	4.42	0.0	319.9
17	108	18.8	8.6	13.7	74.1	22.0	4.07	0.0	305.2
18	109	19.0	5.2	12.1	72.5	20.7	2.65	0.0	292.9
19	110	19.0	7.0	13.0	72.0	27.1	3.71	0.0	386.3
20	111	17.8	6.6	12.2	67.0	24.2	5.04	0.0	155.4
21	112	21.0	3.9	12.5	65.1	27.2	5.39	0.0	111.1
22	113	25.3	5.0	15.2	60.0	31.3	5.04	0.0	135.2
23	114	25.1	8.3	16.7	59.1	24.6	4.42	0.0	292.6
24	115	22.0	10.0	16.0	70.0	14.2	5.75	0.0	184.9
25	116	19.0	8.5	13.8	70.4	27.4	4.33	0.0	187.6
26	117	21.0	2.1	11.6	61.5	31.5	5.57	0.0	368.8
27	118	22.0	4.0	13.0	67.0	30.7	5.13	0.0	181.6
28	119	25.5	7.5	16.5	63.4	29.8	5.39	0.0	140.8
29	120	30.6	10.6	20.6	55.8	25.1	6.90	0.0	306.4
30	121	27.0	10.2	18.6	63.5	26.7	4.69	0.0	282.9
Mean/Total		22.8	8.2	15.5	68.1	24.0	4.94	18.8	227.7
Abs. Maximum		30.6	13.5	20.6	81.0	31.5	8.31	6.4	386.3
Abs. Minimum		17.8	2.1	11.6	55.8	14.2	2.65	0.0	95.2

**JINDIRESS - DAILY SOIL TEMPERATURE
APRIL 1987**

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	25.0	11.0	18.0	21.1	12.8	17.0	15.9	13.2	14.6
2	24.0	15.0	19.5	21.0	15.9	18.5	16.0	14.8	15.4
3	17.6	12.5	15.1	16.6	14.0	15.3	16.0	14.0	15.0
4	21.1	10.0	15.6	18.0	11.8	14.9	14.2	12.8	13.5
5	23.8	9.2	16.5	19.1	11.1	15.1	14.9	12.8	13.9
6	25.8	10.9	18.4	21.0	12.2	16.6	15.5	13.3	14.4
7	24.4	11.5	18.0	20.5	13.1	16.8	15.9	14.0	15.0
8	25.0	13.2	19.1	21.0	14.5	17.8	16.9	14.2	15.6
9	28.2	14.5	21.4	22.4	16.0	19.2	17.5	15.6	16.6
10	26.5	12.8	19.7	22.0	14.5	18.3	17.5	15.5	16.5
11	24.6	13.0	18.8	20.7	15.0	17.9	17.3	15.6	16.5
12	24.0	16.0	20.0	20.9	11.8	16.4	17.4	16.2	16.8
13	22.0	15.4	18.7	19.6	16.0	17.8	16.9	16.0	16.5
14	25.0	12.0	18.5	20.6	14.0	17.3	16.9	15.0	16.0
15	27.0	12.6	19.8	22.0	14.4	18.2	17.5	15.2	16.4
16	22.0	14.2	18.1	19.0	15.6	17.3	17.4	15.8	16.6
17	23.0	15.0	19.0	19.9	15.9	17.9	16.9	15.7	16.3
18	22.0	12.2	17.1	18.5	14.0	16.3	16.8	15.0	15.9
19	23.0	13.6	18.3	19.4	14.4	16.9	16.4	15.0	15.7
20	24.2	13.9	19.1	20.0	14.9	17.5	16.8	15.0	15.9
21	28.4	12.0	20.2	22.6	14.0	18.3	17.5	15.0	16.3
22	25.0	13.2	19.1	23.0	15.0	19.0	18.8	16.0	17.4
23	22.0	11.8	16.9	21.1	15.3	18.2	18.8	17.0	17.9
24	19.4	13.0	16.2	19.4	16.2	17.8	18.2	17.0	17.6
25	19.0	11.1	15.1	18.9	14.5	16.7	17.9	16.1	17.0
26	24.0	8.1	16.1	21.8	12.2	17.0	17.9	15.1	16.5
27	24.1	9.5	16.8	22.2	13.3	17.8	18.3	16.0	17.2
28	26.8	11.1	19.0	24.7	14.9	19.8	19.8	16.8	18.3
29	27.0	15.8	21.4	24.8	16.0	20.4	20.2	18.0	19.1
30	26.0	13.0	19.5	24.0	16.8	20.4	20.1	18.3	19.2
Mean	24.0	12.6	18.3	20.9	14.3	17.6	17.3	15.3	16.3
Abs.Max.	28.4	16.0	21.4	24.8	16.8	20.4	20.2	18.3	19.2
Abs.Min.	17.6	8.1	15.1	16.6	11.1	14.9	14.2	12.8	13.5

**JINDIRESS - DAILY CLIMATIC DATA
MAY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	122	21.4	10.8	16.1	67.0	25.4	5.04	0.0	274.9
2	123	20.0	9.6	14.8	67.5	21.1	5.30	0.0	236.4
3	124	24.2	8.0	16.1	64.0	26.8	5.66	0.0	141.3
4	125	28.1	7.8	18.0	62.0	29.3	6.19	0.0	113.5
5	126	29.2	9.2	19.2	59.6	32.1	7.96	0.0	185.4
6	127	29.9	9.7	19.8	61.0	27.8	9.72	0.0	144.7
7	128	32.0	13.6	22.8	59.5	22.7	7.51	0.0	88.3
8	129	30.4	15.8	23.1	59.3	18.5	8.84	0.0	330.9
9	130	23.5	13.9	18.7	70.5	31.6	11.49	0.0	396.9
10	131	22.5	11.0	16.8	72.3	27.3	9.06	0.0	304.2
11	132	21.7	10.0	15.9	72.5	25.2	7.07	0.0	228.0
12	133	25.8	6.2	16.0	65.9	31.3	7.07	0.0	142.7
13	134	31.0	8.2	19.6	61.1	30.1	12.38	0.0	143.5
14	135	30.0	13.2	21.6	66.3	32.7	12.99	0.0	217.7
15	136	30.8	10.6	20.7	59.3	32.2	13.44	0.0	154.4
16	137	34.5	10.9	22.7	56.5	32.0	13.70	0.0	134.5
17	138	36.1	12.9	24.5	55.0	32.0	14.23	0.0	125.1
18	139	38.4	14.0	26.2	55.0	27.4	15.03	0.0	125.1
19	140	38.0	18.5	28.3	54.5	27.6	16.09	0.0	166.8
20	141	33.3	10.3	21.8	55.5	30.3	11.67	0.0	353.4
21	142	28.0	16.8	22.4	67.7	29.8	8.84	0.0	486.2
22	143	31.6	16.4	24.0	61.5	27.9	9.11	0.0	303.9
23	144	25.9	15.0	20.5	61.4	31.6	8.75	0.0	345.7
24	145	25.0	12.4	18.7	67.5	24.3	9.11	0.0	258.5
25	146	26.2	11.2	18.7	69.0	29.7	8.84	0.0	223.8
26	147	27.0	13.0	20.0	68.0	32.2	8.57	0.0	346.6
27	148	30.8	11.6	21.2	60.3	21.8	8.07	1.0	176.9
28	149	27.1	17.0	22.1	65.0	17.1	6.75	1.8	135.6
29	150	30.0	13.0	21.5	65.0	30.2	4.69	0.0	199.0
30	151	31.0	12.1	21.6	62.6	32.2	7.96	0.0	277.7
31	152	32.4	15.0	23.7	55.8	28.0	7.07	0.0	210.4
Mean/Total		28.9	12.2	20.5	62.8	28.0	9.30	2.8	224.9
Abs. Maximum		38.4	18.5	28.3	72.5	32.7	16.10	1.8	486.2
Abs. Minimum		20.0	6.2	14.8	54.5	17.1	4.69	0.0	88.3

**JINDIRESS - DAILY SOIL TEMPERATURE
MAY 1987**

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	21.1	12.3	16.7	21.0	16.0	18.5	20.0	18.0	19.0
2	18.6	11.4	15.0	19.0	15.0	17.0	19.0	17.4	18.2
3	26.0	10.5	18.3	23.9	14.0	19.0	19.6	16.8	18.2
4	28.9	11.5	20.2	25.7	15.1	20.4	20.8	17.7	19.3
5	28.0	13.0	20.5	25.9	16.9	21.4	21.0	18.9	20.0
6	28.0	13.2	20.6	26.0	17.0	21.5	22.0	19.2	20.6
7	28.4	15.5	22.0	26.4	19.0	22.7	22.1	20.0	21.1
8	25.8	16.2	21.0	24.8	20.0	22.4	22.0	20.8	21.4
9	26.0	15.0	20.5	24.8	18.8	21.8	21.8	20.0	20.9
10	24.0	13.8	18.9	23.0	17.8	20.4	21.4	19.6	20.5
11	23.6	13.1	18.4	22.9	17.0	20.0	20.7	19.0	19.9
12	29.1	11.1	20.1	26.0	15.8	20.9	21.5	18.4	20.0
13	31.0	13.2	22.1	28.0	17.8	22.9	22.4	20.0	21.2
14	31.0	16.2	23.6	28.0	20.0	24.0	23.0	20.8	21.9
15	32.0	14.5	23.3	28.8	19.0	23.9	23.3	20.5	21.9
16	34.0	15.0	24.5	30.2	19.8	25.0	23.3	21.0	22.2
17	34.0	17.0	25.5	30.9	21.3	26.1	25.0	22.0	23.5
18	34.0	17.9	26.0	30.8	22.1	26.5	25.2	22.9	24.1
19	33.8	18.8	26.3	30.8	23.0	26.9	25.9	23.4	24.7
20	32.2	18.0	25.1	30.0	23.0	26.5	25.5	23.8	24.7
21	29.0	17.9	23.5	27.4	22.4	24.9	25.0	23.0	24.0
22	30.0	17.2	23.6	28.0	21.8	24.9	24.2	22.4	23.3
23	28.9	17.0	23.0	27.0	21.6	24.3	24.1	22.1	23.1
24	26.2	15.3	20.8	25.2	20.1	22.7	23.5	21.7	22.6
25	29.0	14.0	21.5	26.6	19.0	22.8	23.0	21.0	22.0
26	29.1	14.9	22.0	26.9	19.8	23.4	23.0	21.0	22.0
27	29.0	15.0	22.0	29.5	20.0	24.8	23.5	21.2	22.4
28	25.9	19.1	22.5	26.8	23.0	24.9	23.6	22.0	22.8
29	31.4	16.0	23.7	30.8	20.4	25.6	23.8	21.0	22.4
30	36.0	15.5	25.8	32.2	22.0	27.1	24.4	22.0	23.2
31	36.0	17.3	26.7	32.0	23.0	27.5	24.4	22.4	23.4
Mean	29.0	15.0	22.0	27.1	19.4	23.2	22.8	20.6	21.7
Abs.Max.	36.0	19.1	26.7	32.2	23.0	27.5	25.9	23.8	24.7
Abs.Min.	18.6	10.5	15.0	19.0	14.0	17.0	19.0	16.8	18.2

**JINDIRESS - DAILY CLIMATIC DATA
JUNE 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	153	31.2	16.2	23.7	59.6	22.6	8.84	0.0	332.4
2	154	27.0	14.0	20.5	67.5	32.8	8.40	0.0	427.6
3	155	26.0	15.2	20.6	63.0	29.5	6.45	0.0	324.0
4	156	27.0	14.4	20.7	63.7	31.4	6.19	0.0	330.0
5	157	29.4	13.1	21.3	60.5	32.5	8.84	0.0	208.3
6	158	30.1	12.1	21.1	63.6	32.8	7.96	0.0	247.3
7	159	30.2	15.0	22.6	58.5	34.7	7.51	0.0	374.5
8	160	31.0	16.6	23.8	57.7	30.6	7.87	0.0	270.0
9	161	33.0	13.0	23.0	57.6	33.3	9.90	0.0	231.4
10	162	34.0	14.3	24.2	56.9	32.0	11.49	0.0	234.9
11	163	35.0	15.0	25.0	54.9	32.4	10.87	0.0	201.1
12	164	34.2	15.0	24.6	55.3	32.5	11.58	0.0	214.9
13	165	33.0	15.6	24.3	58.5	32.2	12.38	0.0	190.8
14	166	33.0	16.3	24.7	60.7	32.2	12.99	0.0	210.7
15	167	34.0	16.6	25.3	62.4	28.9	11.49	0.0	197.2
16	168	33.8	17.6	25.7	65.5	28.3	11.05	0.0	207.7
17	169	33.0	18.4	25.7	65.5	31.0	9.72	0.0	354.8
18	170	32.8	19.2	26.0	62.5	30.1	9.11	0.0	282.5
19	171	31.2	19.8	25.5	63.6	32.2	10.17	0.0	330.3
20	172	29.0	18.0	23.5	63.5	31.1	8.84	0.0	395.0
21	173	29.2	19.0	24.1	65.0	31.8	9.81	0.0	453.5
22	174	32.0	18.0	25.0	64.7	31.1	10.96	0.0	361.5
23	175	33.0	19.9	26.5	56.0	32.4	11.40	0.0	308.8
24	176	33.2	17.4	25.3	62.0	32.5	10.34	0.0	262.0
25	177	31.0	18.0	24.5	68.3	32.4	11.49	0.0	293.5
26	178	31.4	16.0	23.7	69.3	32.2	10.61	0.0	212.6
27	179	30.8	16.0	23.4	71.5	31.5	9.81	0.0	294.0
28	180	32.0	19.0	25.5	66.0	31.5	12.64	0.0	288.0
29	181	36.0	19.0	27.5	61.0	31.8	13.44	0.0	185.4
30	182	37.0	18.0	27.5	57.5	31.3	14.14	0.0	121.4
Mean/Total		31.8	16.5	24.2	62.1	31.4	10.21	0.0	278.2
Abs. Maximum		37.0	19.9	27.5	71.5	34.7	14.14	0.0	453.5
Abs. Minimum		26.0	12.1	20.5	54.9	22.6	6.19	0.0	121.4

**JINDIRESS - DAILY SOIL TEMPERATURE
JUNE 1987**

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	34.9	18.9	26.9	30.0	24.0	27.0	24.3	23.0	23.7
2	35.8	16.0	25.9	31.4	22.0	26.7	24.5	22.1	23.3
3	32.1	17.0	24.6	29.8	22.1	26.0	24.4	22.8	23.6
4	32.8	13.2	23.0	30.0	20.0	25.0	24.3	22.0	23.2
5	36.2	12.8	24.5	31.8	20.0	25.9	25.0	22.0	23.5
6	37.4	13.0	25.2	32.2	20.2	26.2	25.1	22.7	23.9
7	37.0	14.4	25.7	32.2	21.2	26.7	25.6	23.0	24.3
8	36.9	15.9	26.4	32.8	22.2	27.5	26.0	23.6	24.8
9	38.0	14.2	26.1	33.0	21.4	27.2	26.7	23.5	25.1
10	35.2	15.0	25.1	34.0	22.2	28.1	27.0	24.0	25.5
11	39.0	14.0	26.5	36.0	22.0	29.0	28.0	24.2	26.1
12	39.0	15.0	27.0	36.0	23.0	29.5	28.4	25.0	26.7
13	39.4	16.0	27.7	35.9	23.7	29.8	28.3	25.7	27.0
14	39.4	16.0	27.7	35.8	23.0	29.4	28.2	25.2	26.7
15	40.0	16.8	28.4	35.9	23.7	29.8	28.5	25.7	27.1
16	40.2	18.0	29.1	36.1	24.6	30.4	28.9	26.0	27.5
17	39.0	17.7	28.4	35.0	24.2	29.6	30.0	26.2	28.1
18	37.0	17.6	27.3	33.9	23.7	28.8	29.7	27.1	28.4
19	37.0	17.2	27.1	33.9	23.1	28.5	29.2	27.0	28.1
20	35.0	16.0	25.5	32.5	22.3	27.4	29.0	26.7	27.9
21	34.0	16.5	25.3	31.7	22.1	26.9	28.4	26.0	27.2
22	37.0	16.0	26.5	33.0	21.8	27.4	28.1	25.9	27.0
23	37.8	16.2	27.0	34.0	22.1	28.1	29.0	26.0	27.5
24	39.0	15.2	27.1	35.0	21.8	28.4	29.2	26.2	27.7
25	37.4	16.0	26.7	34.0	22.5	28.3	29.0	26.5	27.8
26	39.5	15.0	27.3	35.0	22.0	28.5	29.3	26.2	27.8
27	38.0	15.5	26.8	34.8	22.0	28.4	30.0	26.8	28.4
28	38.2	17.2	27.7	35.0	23.1	29.1	29.5	27.0	28.3
29	41.4	18.0	29.7	37.0	24.0	30.5	30.4	27.1	28.8
30	43.0	17.8	30.4	38.8	24.5	31.7	31.1	28.0	29.6
Mean	37.6	15.9	26.7	33.9	22.5	28.2	27.8	25.1	26.5
Abs.Max.	43.0	18.9	30.4	38.8	24.6	31.7	31.1	28.0	29.6
Abs.Min.	32.1	12.8	23.0	29.8	20.0	25.0	24.3	22.0	23.2

**JINDIRESS - DAILY CLIMATIC DATA
JULY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	183	36.4	17.4	26.9	53.0	32.2	10.61	0.0	262.1
2	184	34.0	21.1	27.6	65.6	31.5	11.49	0.0	431.2
3	185	32.0	22.2	27.1	68.5	31.3	13.76	0.0	496.4
4	186	30.8	21.5	26.2	69.7	30.8	12.73	0.0	470.1
5	187	31.0	21.4	26.2	69.4	29.8	11.49	0.0	419.3
6	188	31.0	21.0	26.0	68.6	29.7	9.72	0.0	449.3
7	190	30.8	21.9	26.4	68.1	30.2	9.11	0.0	391.2
8	191	32.0	19.9	26.0	63.3	31.6	13.26	0.0	292.5
9	192	32.1	17.1	24.6	58.2	32.3	15.38	0.0	176.3
10	193	36.2	14.9	25.6	49.4	31.9	16.97	0.0	124.7
11	194	37.5	19.0	28.3	57.0	28.7	14.14	0.0	268.7
12	195	31.0	22.0	26.5	69.5	30.0	12.82	0.0	407.6
13	196	32.0	22.1	27.1	69.9	30.0	11.49	0.0	411.3
14	197	33.0	21.5	27.3	68.0	31.1	11.76	0.0	387.7
15	198	32.0	22.0	27.0	68.8	30.4	11.49	0.0	430.8
16	199	33.8	21.8	27.8	65.3	30.8	12.38	0.0	287.2
17	200	35.1	21.5	28.3	65.9	30.4	13.44	0.0	260.0
18	201	34.0	19.8	26.9	68.4	30.2	13.26	0.0	299.6
19	202	35.0	22.4	28.7	66.2	30.3	14.14	0.0	344.6
20	203	36.0	22.4	29.2	63.8	30.0	12.38	0.0	314.3
21	204	37.4	22.2	29.8	65.8	30.5	13.88	0.0	274.9
22	205	38.2	23.2	30.7	64.1	27.9	11.49	0.0	233.6
23	206	37.8	22.0	29.9	62.6	29.8	12.38	0.0	219.7
24	207	38.2	21.0	29.6	61.5	29.8	12.55	0.0	196.7
25	208	38.6	21.0	29.8	61.9	29.4	12.11	0.0	208.9
26	209	39.1	22.3	30.7	62.0	27.8	11.93	0.0	235.4
27	210	41.1	21.1	31.1	60.9	28.1	14.32	0.0	207.5
28	211	41.0	21.0	31.0	56.0	28.3	12.64	0.0	177.2
29	212	40.0	21.0	30.5	54.5	28.8	13.26	0.0	212.2
30	213	39.6	21.0	30.3	53.7	28.8	14.14	0.0	222.4
31	214	37.2	20.2	28.7	60.5	28.4	12.99	0.0	231.8
Mean/Total		35.3	20.9	28.1	63.2	30.0	12.69	0.0	301.5
Abs.Maximum		41.1	23.2	31.1	69.9	32.3	16.97	0.0	496.4
Abs.Minimum		30.8	14.9	24.6	49.4	27.8	9.11	0.0	124.7

**JINDIRESS - DAILY SOIL TEMPERATURE
JULY 1987**

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	m	m	m	m	m	m	m	m	m
2	m	m	m	m	m	m	m	m	m
3	m	m	m	m	m	m	m	m	m
4	m	m	m	m	m	m	m	m	m
5	m	m	m	m	m	m	m	m	m
6	m	m	m	m	m	m	m	m	m
7	m	m	m	m	m	m	m	m	m
8	m	m	m	m	m	m	m	m	m
9	m	m	m	m	m	m	m	m	m
10	45.0	m	m	39.0	m	m	31.0	m	m
11	42.1	18.3	30.2	38.0	25.0	31.5	31.0	28.4	29.7
12	38.0	20.0	29.0	35.1	25.5	30.3	31.0	28.8	29.9
13	36.0	19.0	27.5	34.0	24.6	29.3	30.0	28.0	29.0
14	37.9	18.4	28.2	35.0	24.1	29.6	30.0	27.8	28.9
15	36.0	19.0	27.5	34.2	24.6	29.4	29.9	28.0	29.0
16	38.2	18.5	28.4	35.8	24.2	30.0	30.1	27.5	28.8
17	40.0	19.0	29.5	37.0	25.0	31.0	31.0	28.0	29.5
18	38.8	17.4	28.1	36.0	24.2	30.1	30.8	28.0	29.4
19	39.9	19.5	29.7	36.9	25.1	31.0	31.0	28.4	29.7
20	38.9	20.0	29.5	36.5	25.9	31.2	31.0	28.8	29.9
21	41.8	20.0	30.9	38.2	25.8	32.0	31.9	29.0	30.5
22	41.7	21.0	31.4	36.5	26.9	31.7	32.0	29.8	30.9
23	42.2	20.0	31.1	37.0	25.2	31.1	32.2	29.8	31.0
24	42.0	19.0	30.5	36.6	25.0	30.8	32.2	29.8	31.0
25	42.9	18.8	30.9	37.2	23.8	30.5	32.2	29.8	31.0
26	42.0	20.0	31.0	37.0	25.0	31.0	32.2	30.0	31.1
27	43.0	19.1	31.1	39.2	24.2	31.7	32.6	30.0	31.3
28	44.0	19.0	31.5	39.9	24.5	32.2	32.9	30.0	31.5
29	43.3	19.5	31.4	39.6	24.8	32.2	33.1	30.0	31.6
30	42.0	19.4	30.7	38.8	23.8	31.3	33.0	30.1	31.6
31	42.0	19.6	30.8	38.6	23.8	31.2	33.0	30.1	31.6
Mean	40.8	19.3	29.9	37.1	24.8	30.9	31.6	29.1	30.3
Abs.Max.	45.0	21.0	31.5	39.9	26.9	32.2	33.1	30.1	31.6
Abs.Min.	36.0	17.4	27.5	34.0	23.8	29.3	29.9	27.5	28.8

**JINDIRESS - DAILY CLIMATIC DATA
AUGUST 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	215	37.2	20.6	28.9	61.0	27.3	13.35	0.0	254.1
2	216	35.9	22.8	29.4	63.0	24.8	13.26	0.0	349.1
3	217	36.4	24.8	30.6	59.3	27.9	12.38	0.0	350.6
4	218	36.4	23.0	29.7	62.0	28.2	12.64	0.0	249.7
5	219	38.2	19.0	28.6	56.0	28.7	13.26	0.0	156.9
6	220	43.0	20.2	31.6	44.6	24.8	12.46	0.0	107.9
7	221	46.0	24.0	35.0	46.0	25.8	13.61	0.0	155.8
8	222	39.0	25.1	32.1	57.0	21.1	14.14	0.0	293.2
9	223	38.0	24.0	31.0	53.5	27.8	13.79	0.0	371.7
10	224	36.8	23.0	29.9	57.9	28.0	14.23	0.0	397.9
11	225	37.2	23.0	30.1	52.0	28.9	13.17	0.0	347.2
12	226	38.0	20.0	29.0	49.5	27.9	12.38	0.0	232.0
13	227	37.4	20.2	28.8	49.0	27.9	12.55	0.0	364.9
14	228	35.0	24.0	29.5	55.8	28.3	13.26	0.0	448.8
15	229	36.0	23.4	29.7	50.5	26.7	12.91	0.0	315.9
16	230	34.0	22.0	28.0	57.7	26.1	13.44	0.0	355.0
17	231	33.2	23.0	28.1	53.2	27.4	12.64	0.0	428.4
18	232	33.2	19.8	26.5	51.5	27.6	13.26	0.0	207.6
19	233	33.2	15.0	24.1	34.2	30.0	m	0.0	182.7
20	234	34.0	14.8	24.4	47.6	29.1	m	0.0	316.1
21	235	33.6	20.0	26.8	55.6	28.5	m	0.0	446.7
22	236	33.3	21.6	27.5	56.0	27.3	m	0.0	503.9
23	237	33.0	21.0	27.0	54.7	27.1	m	0.0	436.4
24	238	32.2	21.2	26.7	54.1	24.6	m	0.0	423.4
25	239	33.0	18.0	25.5	51.0	30.0	m	0.0	348.6
26	240	32.8	15.0	23.9	45.4	27.8	m	0.0	272.3
27	241	33.2	16.6	24.9	46.1	26.1	m	0.0	228.0
28	242	34.8	18.0	26.4	50.7	28.4	m	0.0	280.0
29	243	36.0	19.6	27.8	52.6	26.9	m	0.0	240.1
30	244	35.4	19.0	27.2	52.5	26.8	m	0.0	299.3
31	245	35.0	20.0	27.5	56.5	25.6	m	0.0	274.1
Mean/Total		35.8	20.7	28.3	52.8	27.2	13.15	0.0	310.9
Abs. Maximum		46.0	25.1	35.0	63.0	30.0	14.23	0.0	503.9
Abs. Minimum		32.2	14.8	23.9	34.2	21.1	12.38	0.0	107.9

**JINDIRESS - DAILY SOIL TEMPERATURE
AUGUST 1987**

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	41.0	19.8	30.4	37.9	23.8	30.9	33.0	30.1	31.6
2	40.1	21.1	30.6	37.0	25.0	31.0	32.9	30.4	31.7
3	38.7	21.7	30.2	36.0	25.0	30.5	32.3	30.1	31.2
4	39.7	20.7	30.2	36.8	24.0	30.4	32.5	30.0	31.3
5	44.0	20.4	32.2	39.5	23.5	31.5	33.0	30.0	31.5
6	45.6	21.5	33.6	40.3	24.0	32.2	33.1	30.0	31.6
7	48.0	23.6	35.8	42.2	25.8	34.0	34.4	31.0	32.7
8	41.0	26.2	33.6	37.0	28.0	32.5	34.2	32.0	33.1
9	41.5	24.0	32.8	37.2	26.0	31.6	33.0	31.0	32.0
10	40.1	23.0	31.6	36.2	25.0	30.6	32.7	30.1	31.4
11	40.0	22.0	31.0	36.0	24.2	30.1	32.0	30.0	31.0
12	40.6	18.1	29.4	38.0	22.0	30.0	33.0	30.0	31.5
13	39.8	20.0	29.9	37.0	24.0	30.5	32.4	30.0	31.2
14	38.4	22.0	30.2	36.1	25.1	30.6	32.0	30.0	31.0
15	38.0	21.6	29.8	36.0	25.0	30.5	32.0	29.8	30.9
16	38.0	21.0	29.5	36.0	24.2	30.1	32.0	29.6	30.8
17	37.9	21.1	29.5	35.6	24.4	30.0	31.4	29.2	30.3
18	38.6	20.4	29.5	36.0	24.0	30.0	31.5	29.0	30.3
19	39.4	15.2	27.3	36.2	19.8	28.0	31.1	27.9	29.5
20	38.5	15.5	27.0	35.2	19.8	27.5	30.6	27.7	29.2
21	36.7	19.1	27.9	34.2	22.4	28.3	30.2	28.0	29.1
22	36.8	19.1	28.0	37.1	22.1	29.6	30.2	28.0	29.1
23	36.1	18.5	27.3	37.0	21.0	29.0	30.0	27.9	29.0
24	36.1	18.7	27.4	36.9	21.0	29.0	30.0	27.6	28.8
25	40.0	13.0	26.5	36.2	20.0	28.1	29.2	27.0	28.1
26	40.0	13.1	26.6	37.1	17.1	27.1	29.8	27.0	28.4
27	42.4	15.0	28.7	39.8	18.0	28.9	30.0	27.0	28.5
28	42.0	16.0	29.0	39.4	19.3	29.4	30.2	27.5	28.9
29	43.0	16.7	29.9	40.5	20.0	30.3	30.8	28.0	29.4
30	42.2	16.0	29.1	39.6	19.4	29.5	30.5	27.9	29.2
31	42.0	17.6	29.8	40.0	20.8	30.4	30.9	28.0	29.5
Mean	40.2	19.4	29.8	37.4	22.7	30.1	31.6	29.1	30.4
Abs.Max.	48.0	26.2	35.8	42.2	28.0	34.0	34.4	32.0	33.1
Abs.Min.	36.1	13.0	26.5	34.2	17.1	27.1	29.2	27.0	28.1

TEL HADYA

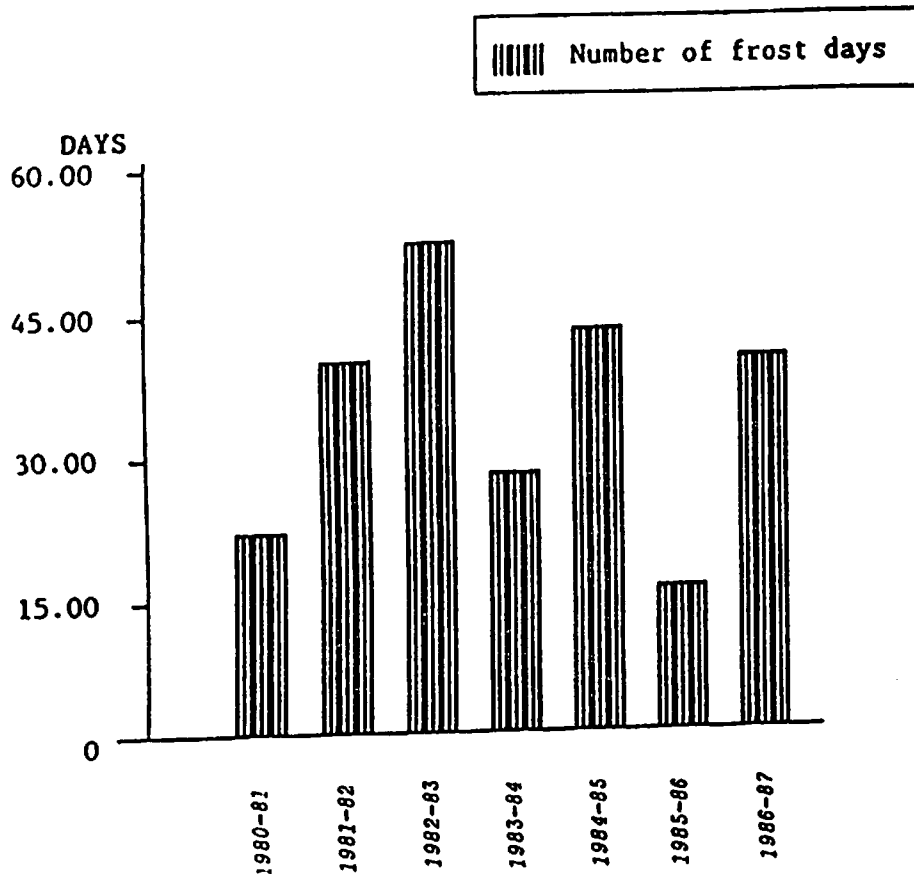
1986-1987 Season

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

**FROST EVENTS AT TEL HADYA
FROM 1980-81 TO 1986-87 SEASON**

	Nov	Dec	Jan	Feb	Mar	Apr	Total
1980-1981 Season							
Number of frost days	2	6	3	7	2	3	23
Absolute Minimum	-4.0	-3.6	-2.4	-3.0	-0.4	-2.5	-4.0
1981-1982 Season							
Number of frost days	4	.	11	17	7	.	39
Absolute Minimum	-4.2		-6.0	-7.8	-4.2		-7.8
1982-1983 Season							
Number of frost days	4	15	18	11	4	.	52
Absolute Minimum	-4.4	-6.4	-9.8	-3.6	-5.6		-9.8
1983-1984 Season							
Number of frost days	.	10	6	10	1	.	27
Absolute Minimum		-3.9	-2.4	-4.1	-0.5		-4.1
1984-1985 Season							
Number of frost days	1	16	3	10	12		42
Absolute Minimum	-1.1	-6.0	-0.8	-6.8	-9.5		-9.5
1985-1986 Season							
Number of frost days	.	7	7	1	2	.	17
Absolute Minimum		-6.4	-4.0	0.0	-1.1		-6.4
1986-1987 Season							
Number of frost days	7	17	7	.	8	.	39
Absolute Minimum	-2.3	-5.8	-2.1		-3.4		-5.8

Number of frost days at Tel Hadya
from 1980-81 season to 1986-87 season



**Total monthly precipitation (mm) , maximum and minimum temperature (°C)
from 1979-80 to 1986-87 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
Mean	0.4	21.2	44.8	53.8	66.2	51.6	42.0	31.9	15.6	3.9	0.0	0.0	332
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
Mean	34.4	27.9	18.4	12.9	11.2	13.6	17.1	22.9	28.9	33.9	36.5	36.5	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
Mean	17.4	11.9	6.3	2.7	2.7	2.7	4.5	8.0	12.2	17.1	20.4	20.8	10.6

**SUMMARY OF MONTHLY CLIMATIC DATA
TEL HADYA 1986-87 SEASON**

Month	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH (%)	Sol. rad. (MJ/m ²)	Wind Run (km/d)	Evap. (mm)	Prec. (mm)
September								
Mean	35.8	18.5	27.2	45.7	20.4	289.6	10.9	0.0
Abs.Max	42.0	26.2	34.1	58.0	24.0	749.0	17.8	0.0
Abs.Min	32.6	13.2	23.7	26.0	14.0	114.0	8.7	0.0
October								
Mean	27.7	13.3	20.5	54.8	14.7	188.8	5.5	31.5
Abs.Max	32.2	17.3	23.5	73.0	19.0	386.0	8.3	23.2
Abs.Min	19.6	8.4	17.4	39.0	3.0	93.0	1.5	0.0
November								
Mean	17.8	3.7	10.8	62.7	11.2	154.7	2.4	33.4
Abs.Max	22.8	12.5	17.6	94.0	14.0	355.0	4.2	18.8
Abs.Min	12.8	-2.3	5.6	34.0	3.0	37.0	0.7	0.0
December								
Mean	13.3	0.2	6.8	64.6	8.6	192.8	1.9	47.2
Abs.Max	19.3	7.0	11.8	97.0	12.0	489.0	3.6	11.2
Abs.Min	7.2	-6.8	2.9	40.0	2.0	40.0	0.8	0.0
January								
Mean	12.7	2.8	7.8	77.6	8.3	196.0	1.6	88.9
Abs.Max	17.0	8.5	11.2	97.0	13.0	407.0	2.9	22.2
Abs.Min	7.0	-2.1	4.6	61.0	2.0	66.0	0.6	0.0
February								
Mean	15.9	3.9	9.9	70.5	12.2	212.8	2.7	63.2
Abs.Max	19.4	8.5	14.0	89.0	17.0	497.0	5.2	22.6
Abs.Min	10.4	0.3	6.0	49.0	5.0	93.0	0.8	0.0
March								
Mean	14.0	2.3	8.2	71.2	14.5	211.7	2.7	63.5
Abs.Max	22.8	8.3	13.3	85.0	24.0	404.0	4.9	11.1
Abs.Min	9.3	-3.4	4.4	55.0	6.0	76.0	1.0	0.0
April								
Mean	22.4	6.5	14.4	61.7	21.8	221.2	5.3	12.6
Abs.Max	29.8	13.4	19.3	74.0	28.0	462.0	8.0	7.4
Abs.Min	17.5	1.3	11.0	47.0	13.0	109.0	3.1	0.0
May								
Mean	29.8	11.1	20.4	50.5	25.5	220.4	8.7	2.6
Abs.Max	38.8	18.8	27.7	67.0	29.0	420.0	14.1	1.8
Abs.Min	19.5	4.4	12.0	31.0	18.0	92.0	4.5	0.0
June								
Mean	33.8	16.9	25.3	47.3	29.0	378.8	13.4	15.0
Abs.Max	39.0	21.6	29.0	62.0	31.0	576.0	20.1	15.0
Abs.Min	27.4	13.0	20.2	32.0	23.0	141.0	10.6	0.0
July								
Mean	38.1	20.9	29.5	44.6	27.9	393.2	14.4	0.0
Abs.Max	44.0	23.8	33.7	63.0	30.0	700.0	18.6	0.0
Abs.Min	31.8	15.4	25.4	28.0	25.0	161.0	11.7	0.0
August								
Mean	37.4	20.4	28.9	44.7	24.7	359.6	13.3	0.0
Abs.Max	47.6	27.2	36.1	57.0	27.0	540.0	17.8	0.0
Abs.Min	31.6	12.4	23.2	23.0	18.0	143.0	10.7	0.0
Annual Summary								
Mean	24.9	10.1	17.5	57.9	18.2	252.1	6.9	357.9
Abs.Max	47.6	27.2	36.1	97.0	31.0	749.0	20.1	23.2
Abs.Min	7.0	-6.8	2.9	23.0	2.0	37.0	0.6	0.0

**SUMMARY OF WEEKLY CLIMATIC DATA
TEL HADYA 1986-87 SEASON**

Week			Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH (%)	Sol. rad. (MJ/m ²)	Wind Run (km/d)	Evap. (mm)	Prec. (mm)
03	Sep-09	Sep	34.8	21.0	27.9	53.1	21.6	430.5	11.7	0.0
10	Sep-16	Sep	36.1	18.1	27.1	50.1	22.1	232.2	10.3	0.0
17	Sep-23	Sep	36.9	16.2	26.6	41.0	19.9	229.4	10.8	0.0
24	Sep-30	Sep	34.5	17.0	25.7	39.2	18.2	224.7	9.7	0.0
01	Oct-07	Oct	25.9	13.1	19.5	61.9	15.2	192.3	5.0	24.8
08	Oct-14	Oct	28.8	13.6	21.2	53.7	16.7	192.7	6.1	0.6
15	Oct-21	Oct	28.6	13.1	20.9	55.3	15.0	194.7	5.8	0.0
22	Oct-28	Oct	27.9	12.7	20.3	54.0	14.1	177.8	5.4	1.1
29	Oct-04	Nov	23.6	12.9	18.2	59.4	9.6	164.6	3.0	16.3
05	Nov-11	Nov	17.0	6.4	11.7	72.0	10.7	213.2	2.4	22.1
12	Nov-18	Nov	18.8	1.4	10.1	61.9	13.2	108.0	2.6	0.0
19	Nov-25	Nov	18.1	1.0	9.6	58.2	12.1	129.8	2.6	0.0
26	Nov-02	Dec	13.8	-0.8	6.5	49.2	9.8	162.0	2.6	0.0
03	Dec-09	Dec	16.0	-4.0	6.0	52.9	11.6	110.5	2.3	0.0
10	Dec-16	Dec	13.7	-2.3	5.7	48.1	10.4	116.2	2.0	0.0
17	Dec-23	Dec	12.8	4.8	8.8	75.4	6.3	323.7	1.9	22.8
24	Dec-31	Dec	11.4	3.4	7.4	83.5	5.7	243.4	1.6	24.4
01	Jan-07	Jan	10.4	4.6	7.5	87.9	5.2	244.3	1.6	45.4
08	Jan-14	Jan	12.9	3.0	7.9	75.6	9.4	211.1	1.6	4.0
15	Jan-21	Jan	15.3	0.4	7.9	67.2	11.5	143.6	1.9	0.0
22	Jan-28	Jan	11.3	2.9	7.1	78.0	7.0	192.7	1.6	39.0
29	Jan-04	Feb	15.6	4.2	9.9	79.6	9.2	179.8	1.6	23.2
05	Feb-11	Feb	14.6	2.8	8.7	70.3	12.5	194.3	2.6	3.4
12	Feb-18	Feb	16.9	4.1	10.5	64.9	12.6	247.9	3.5	22.8
19	Feb-25	Feb	17.0	4.4	10.7	68.7	13.8	235.3	2.8	13.8
26	Feb-04	Mar	13.0	3.6	8.3	75.4	9.8	157.8	1.6	4.0
05	Mar-11	Mar	12.2	4.6	8.4	75.3	9.9	287.0	2.0	24.3
12	Mar-18	Mar	10.9	0.5	5.7	78.5	11.3	250.9	2.0	23.8
19	Mar-25	Mar	15.9	1.5	8.7	61.6	18.4	188.4	3.5	11.0
26	Mar-01	Apr	19.3	2.7	11.0	66.6	21.8	150.6	4.4	0.4
02	Apr-08	Apr	20.4	5.8	13.1	63.6	20.7	234.8	4.7	7.4
09	Apr-15	Apr	22.7	8.6	15.7	64.6	20.9	217.6	4.4	5.2
16	Apr-22	Apr	21.5	5.5	13.5	62.8	21.4	236.2	5.4	0.0
23	Apr-29	Apr	23.9	6.3	15.1	56.3	23.5	199.6	6.4	0.0
30	Apr-06	May	25.5	5.9	15.7	59.5	24.6	175.3	6.4	0.0
07	May-13	May	27.1	9.9	18.5	54.2	24.6	229.5	8.1	0.0
14	May-20	May	35.4	12.7	24.1	37.0	27.9	178.5	10.7	0.0
21	May-27	May	29.1	12.2	20.7	49.7	25.3	299.8	9.0	1.8
28	May-03	Jun	31.2	15.4	23.3	55.0	25.6	331.8	10.1	0.8
04	Jun-10	Jun	32.3	15.1	23.7	44.9	29.6	348.7	12.7	0.0
11	Jun-17	Jun	34.8	16.3	25.5	45.0	28.3	278.9	13.5	15.0
18	Jun-24	Jun	34.1	19.0	26.6	45.9	29.7	512.1	15.1	0.0
25	Jun-01	Jul	36.4	18.2	27.3	48.0	29.3	341.6	13.7	0.0
02	Jul-08	Jul	33.1	21.2	27.2	56.3	27.8	569.3	13.1	0.0
09	Jul-15	Jul	36.1	19.6	27.8	49.1	28.7	446.6	13.7	0.0
16	Jul-22	Jul	39.5	21.7	30.6	44.9	28.1	338.2	14.6	0.0
23	Jul-29	Jul	42.8	21.8	32.3	33.1	27.1	251.5	15.3	0.0
30	Jul-05	Aug	40.0	21.0	30.5	45.0	24.6	282.8	12.9	0.0
06	Aug-12	Aug	42.2	23.0	32.6	35.0	24.8	300.7	15.3	0.0
13	Aug-19	Aug	35.6	20.7	28.1	49.3	24.3	369.9	12.5	0.0
20	Aug-26	Aug	33.8	18.4	26.1	46.1	25.4	486.4	13.3	0.0
27	Aug-02	Sep	36.0	18.3	27.2	44.8	24.6	313.9	12.5	0.0

TEL HADYA - DAILY CLIMATIC DATA
SEPTEMBER 1986

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	245	42.0	26.2	34.1	38.8	18.7	16.00	0.0	469.6
2	246	35.9	23.6	29.8	46.5	22.2	13.50	0.0	400.4
3	247	34.0	19.6	26.8	57.5	22.8	10.48	0.0	382.7
4	248	34.5	20.5	27.5	53.0	21.3	12.16	0.0	422.9
5	249	33.6	21.2	27.4	54.0	21.5	10.88	0.0	487.3
6	250	34.0	21.6	27.8	57.0	21.8	10.24	0.0	281.4
7	251	36.0	17.6	26.8	55.5	19.7	8.74	0.0	201.0
8	252	38.0	24.0	31.0	43.0	22.8	17.80	0.0	488.9
9	253	33.2	22.3	27.8	52.0	21.2	11.74	0.0	749.4
10	254	32.8	17.9	25.4	55.0	24.4	9.80	0.0	204.2
11	255	36.2	14.8	25.5	44.0	20.3	8.84	0.0	146.3
12	256	38.0	17.5	27.8	43.5	21.8	9.50	0.0	221.9
13	257	36.2	20.7	28.5	51.5	23.7	13.10	0.0	421.3
14	258	34.8	20.8	27.8	56.9	20.3	11.02	0.0	337.7
15	259	35.8	18.5	27.2	52.0	23.7	9.74	0.0	180.1
16	260	38.7	16.8	27.8	48.0	20.3	10.14	0.0	114.1
17	261	39.9	13.2	26.6	29.0	21.8	10.40	0.0	127.1
18	262	40.5	14.7	27.6	29.0	21.8	14.17	0.0	228.3
19	263	39.0	16.6	27.8	25.5	20.9	12.86	0.0	326.0
20	264	36.2	18.0	27.1	48.0	20.3	10.92	0.0	252.5
21	265	35.6	18.8	27.2	44.5	14.0	9.30	0.0	307.2
22	266	33.5	17.4	25.5	55.3	19.1	9.24	0.0	228.3
23	267	33.4	15.0	24.2	55.5	21.0	8.68	0.0	136.7
24	268	35.8	14.0	24.9	34.0	19.2	9.63	0.0	149.5
25	269	36.7	17.0	26.9	33.0	17.3	9.97	0.0	144.6
26	270	34.0	19.0	26.5	35.5	16.2	9.10	0.0	278.2
27	271	33.1	17.3	25.2	48.5	19.6	9.94	0.0	361.8
28	272	34.6	20.0	27.3	49.5	18.9	9.96	0.0	225.2
29	273	34.6	16.9	25.8	41.5	18.5	10.43	0.0	209.0
30	274	32.6	14.8	23.7	32.5	17.7	8.80	0.0	204.3
Mean/Total		35.8	18.5	27.2	45.6	20.4	10.90	0.0	289.6
Abs. Maximum		42.0	26.2	34.1	57.5	24.4	17.8	0.0	749.4
Abs. Minimum		32.6	13.2	23.7	25.5	14.0	8.7	0.0	114.1

**TEL HADYA - DAILY SOIL TEMPERATURE
SEPTEMBER 1986**

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	42.8	31.9	37.4	39.0	32.2	35.6	35.0	32.8	33.9
2	43.0	30.1	36.6	38.8	32.0	35.4	34.7	33.0	33.9
3	42.5	28.8	35.7	38.5	30.8	34.7	34.0	32.0	33.0
4	43.0	29.1	36.1	38.9	31.0	35.0	34.0	32.0	33.0
5	42.0	29.0	35.5	38.0	30.9	34.5	34.0	32.0	33.0
6	42.5	29.0	35.8	38.2	31.0	34.6	34.0	31.9	33.0
7	42.7	28.0	35.4	38.0	30.0	34.0	34.0	31.3	32.7
8	41.5	29.7	35.6	38.5	31.0	34.8	34.0	32.0	33.0
9	41.0	28.5	34.8	37.0	30.0	33.5	33.2	31.8	32.5
10	41.0	26.0	33.5	37.0	29.0	33.0	32.8	29.0	30.9
11	41.0	25.0	33.0	37.0	28.5	32.8	33.0	30.1	31.6
12	42.8	27.0	34.9	37.8	29.3	33.6	33.5	31.0	32.3
13	42.0	28.2	35.1	37.8	30.0	33.9	33.0	31.2	32.1
14	41.1	27.0	34.1	37.0	29.0	33.0	33.0	30.9	32.0
15	42.9	26.2	34.6	38.1	29.0	33.6	34.0	30.8	32.4
16	41.9	26.0	34.0	37.1	28.8	33.0	33.0	31.0	32.0
17	41.7	23.2	32.5	36.9	27.0	32.0	32.9	30.2	31.6
18	41.0	23.3	32.2	36.3	27.6	32.0	32.6	30.1	31.4
19	41.5	24.2	32.9	36.5	27.8	32.2	32.9	30.4	31.7
20	41.3	26.0	33.7	36.7	28.8	32.8	32.8	30.8	31.8
21	38.0	26.7	32.4	34.8	29.2	32.0	32.0	30.8	31.4
22	38.6	25.9	32.3	34.7	28.0	31.4	31.0	29.9	30.5
23	38.7	23.1	30.9	34.1	26.1	30.1	30.9	28.4	29.7
24	38.1	23.2	30.7	34.0	25.8	29.9	30.3	28.5	29.4
25	37.6	23.2	30.4	33.6	26.0	29.8	30.3	28.7	29.5
26	37.0	24.1	30.6	33.3	26.5	29.9	30.1	28.4	29.3
27	38.5	24.8	31.7	34.0	27.0	30.5	30.4	28.7	29.6
28	38.5	25.0	31.8	34.3	27.0	30.7	30.5	28.5	29.5
29	39.6	24.3	32.0	35.8	27.0	31.4	32.5	30.0	31.3
30	37.8	23.7	30.8	34.0	27.2	30.6	31.4	30.0	30.7
Mean	40.7	26.3	33.5	36.5	28.8	32.7	32.7	30.5	31.6
Abs.Max.	43.0	31.9	37.4	39.0	32.2	35.6	35.0	33.0	33.9
Abs.Min.	37.0	23.1	30.4	33.3	25.8	29.8	30.1	28.4	29.3

**TEL HADYA - DAILY CLIMATIC DATA
OCTOBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	275	26.0	16.6	21.3	55.0	9.8	7.37	23.2	386.0
2	276	21.0	15.5	18.3	68.5	11.7	2.34	1.6	152.8
3	277	23.0	13.0	18.0	72.5	13.0	3.08	0.0	180.1
4	278	25.5	13.4	19.5	64.5	15.9	5.52	0.0	226.7
5	279	27.6	10.1	18.9	63.0	19.4	4.59	0.0	93.3
6	280	29.3	11.4	20.4	58.5	18.5	5.30	0.0	135.1
7	281	28.6	12.0	20.3	51.0	18.1	6.96	0.0	172.0
8	282	30.2	12.2	21.2	43.5	17.2	8.30	0.0	201.0
9	283	30.2	15.0	22.6	49.5	16.9	6.68	0.0	238.0
10	284	29.6	14.3	22.0	55.5	16.3	5.94	0.0	231.6
11	285	28.1	14.8	21.5	55.5	16.9	6.86	0.0	183.3
12	286	28.5	11.5	20.0	58.0	17.1	4.36	0.0	101.3
13	287	28.9	12.0	20.5	54.0	16.3	5.66	.6	238.0
14	288	26.0	15.3	20.7	60.0	15.9	5.22	0.0	156.0
15	289	28.6	9.6	19.1	60.5	17.1	5.46	0.0	138.3
16	290	31.0	13.5	22.3	43.5	16.8	6.10	0.0	149.5
17	291	32.2	14.7	23.5	39.5	15.5	5.84	0.0	168.8
18	292	28.0	17.3	22.7	60.5	12.8	7.02	0.0	342.5
19	293	26.7	10.9	18.8	65.0	14.5	5.54	0.0	207.4
20	294	26.0	13.2	19.6	63.0	15.2	4.52	0.0	136.7
21	295	28.0	12.2	20.1	55.0	13.4	5.92	0.0	220.0
22	296	26.2	16.6	21.4	63.5	12.3	5.54	1.1	284.6
23	297	25.3	11.7	18.5	67.5	13.9	4.45	0.0	144.7
24	298	26.4	8.4	17.4	64.0	14.1	3.82	0.0	128.6
25	299	27.9	11.6	19.8	53.5	15.7	5.14	0.0	151.1
26	300	29.9	12.1	21.0	45.5	15.5	6.17	0.0	183.3
27	301	29.6	14.6	22.1	43.0	13.8	6.78	0.0	119.3
28	302	30.2	13.8	22.0	41.0	13.5	5.88	0.0	159.2
29	303	30.2	14.5	22.4	41.0	12.2	6.00	0.0	144.8
30	304	30.9	14.0	22.5	39.0	14.0	6.83	0.0	215.5
31	305	19.6	16.8	18.2	45.0	3.5	1.54	5.0	263.7
Mean/Total		27.7	13.3	20.5	54.8	14.7	5.51	31.5	188.8
Abs. Maximum		32.2	17.3	23.5	72.5	19.4	8.30	23.2	386.0
Abs. Minimum		19.6	8.4	17.4	39.0	3.5	1.54	0.0	93.3

**TEL HADYA - DAILY SOIL TEMPERATURE
OCTOBER 1986**

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	31.0	24.2	27.6	29.9	26.8	28.4	29.0	28.0	28.5
2	22.7	19.0	20.9	23.8	22.0	22.9	25.3	23.4	24.4
3	23.6	17.0	20.3	22.0	19.2	20.6	24.5	23.4	24.0
4	26.8	16.7	21.8	26.0	18.5	22.3	25.7	22.9	24.3
5	29.0	16.3	22.7	28.0	18.8	23.4	26.0	23.0	24.5
6	31.0	17.2	24.1	29.7	20.0	24.9	27.8	24.0	25.9
7	29.0	18.3	23.7	28.0	21.2	24.6	27.0	25.2	26.1
8	28.7	18.0	23.4	27.6	20.8	24.2	26.8	24.0	25.4
9	30.0	20.0	25.0	29.0	22.0	25.5	27.1	25.2	26.2
10	30.0	20.0	25.0	28.9	22.4	25.7	27.0	25.3	26.2
11	29.7	20.2	25.0	28.7	22.3	25.5	27.2	25.0	26.1
12	29.0	18.6	23.8	27.9	21.0	24.5	26.1	24.3	25.2
13	30.1	19.0	24.6	28.5	21.0	24.8	27.0	24.0	25.5
14	29.0	21.0	25.0	27.8	22.6	25.2	26.2	25.0	25.6
15	28.4	18.0	23.2	27.0	20.3	23.7	25.0	24.0	24.5
16	29.0	18.8	23.9	27.5	21.0	24.3	26.3	24.0	25.2
17	29.2	19.0	24.1	27.4	21.3	24.4	26.2	24.8	25.5
18	27.5	21.0	24.3	26.2	22.4	24.3	25.9	24.0	25.0
19	27.0	18.5	22.8	25.8	20.7	23.3	25.0	23.7	24.4
20	29.0	19.0	24.0	27.1	21.0	24.1	25.9	23.8	24.9
21	27.0	19.0	23.0	25.3	21.0	23.2	25.0	24.0	24.5
22	27.9	20.5	24.2	26.0	22.0	24.0	25.1	24.0	24.6
23	26.8	19.0	22.9	25.0	20.3	22.7	24.0	22.8	23.4
24	25.6	17.0	21.3	24.9	19.0	22.0	23.9	22.2	23.1
25	27.0	17.0	22.0	25.0	19.4	22.2	23.8	22.3	23.1
26	27.5	17.0	22.3	25.0	19.3	22.2	23.9	22.1	23.0
27	28.0	17.5	22.8	26.0	19.8	22.9	25.0	22.3	23.7
28	28.0	19.0	23.5	25.7	21.0	23.4	24.9	23.8	24.4
29	28.4	19.0	23.7	25.1	21.0	23.1	24.3	23.0	23.7
30	29.5	21.0	25.3	26.8	22.1	24.5	25.4	24.0	24.7
31	20.8	19.0	19.9	21.0	20.0	20.5	22.5	21.0	21.8
Mean	27.9	18.9	23.4	26.5	21.0	23.8	25.6	23.8	24.7
Abs.Max.	31.0	24.2	27.6	29.9	26.8	28.4	29.0	28.0	28.5
Abs.Min.	20.8	16.3	19.9	21.0	18.5	20.5	22.5	21.0	21.8

TEL HADYA - DAILY CLIMATIC DATA
NOVEMBER 1986

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	306	22.7	11.6	17.2	68.0	9.3	1.42	10.7	175.3
2	307	22.7	12.5	17.6	68.0	10.5	2.38	0.0	191.4
3	308	17.9	11.0	14.5	81.5	6.7	1.27	0.6	76.6
4	309	21.4	9.6	15.5	73.0	11.0	1.83	0.0	85.2
5	310	22.8	7.1	15.0	70.0	13.5	2.60	0.1	122.2
6	311	14.5	11.2	12.9	94.0	3.4	.67	18.8	181.7
7	312	19.5	8.0	13.8	71.5	12.8	2.80	0.8	194.6
8	313	16.8	9.1	13.0	74.5	5.3	1.64	2.4	284.7
9	314	15.2	6.6	10.9	68.0	11.8	2.36	0.0	225.1
10	315	15.2	2.5	8.9	63.5	14.4	4.04	0.0	300.7
11	316	15.2	0.1	7.7	62.5	13.6	2.47	0.0	183.3
12	317	16.2	1.6	8.9	57.5	13.9	2.56	0.0	109.3
13	318	18.4	-1.5	8.5	63.0	14.0	2.30	0.0	59.5
14	319	21.0	0.4	10.7	72.5	13.2	2.30	0.0	135.1
15	320	19.8	1.8	10.8	69.5	13.2	2.30	0.0	162.4
16	321	19.4	4.6	12.0	50.5	13.2	4.22	0.0	178.5
17	322	18.0	0.8	9.4	59.5	13.2	2.40	0.0	59.5
18	323	18.7	2.3	10.5	61.0	11.9	1.86	0.0	51.4
19	324	18.4	2.2	10.3	63.5	12.1	2.28	0.0	90.1
20	325	18.3	0.8	9.6	58.0	12.6	3.63	0.0	318.5
21	326	17.7	4.2	11.0	60.0	12.0	4.14	0.0	295.9
22	327	18.1	4.2	11.2	53.5	12.1	2.30	0.0	67.5
23	328	18.0	-0.2	8.9	57.0	12.4	1.90	0.0	37.0
24	329	18.6	-2.3	8.2	60.0	12.2	1.78	0.0	46.6
25	330	17.7	-1.7	8.0	55.5	11.2	1.86	0.0	53.0
26	331	17.4	-2.3	7.6	55.5	11.2	1.70	0.0	72.3
27	332	13.5	1.1	7.3	52.5	6.3	2.07	0.0	152.8
28	333	13.7	-0.2	6.8	56.0	8.5	3.76	0.0	355.4
29	334	14.8	8.0	11.4	33.8	7.0	2.96	0.0	159.4
30	335	12.8	-1.6	5.6	46.5	11.8	3.64	0.0	217.1
Mean/Total		17.8	3.7	10.8	62.7	11.1	2.45	33.4	154.7
Abs. Maximum		22.8	12.5	17.6	94.0	14.4	4.22	18.8	355.4
Abs. Minimum		12.8	-2.3	5.6	33.8	3.4	0.67	0.0	37.0

**TEL HADYA - DAILY SOIL TEMPERATURE
NOVEMBER 1986**

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	24.0	17.0	20.5	22.3	18.5	20.4	21.7	20.8	21.3
2	23.5	17.0	20.3	22.3	18.2	20.3	22.0	20.1	21.1
3	18.2	15.0	16.6	18.4	16.9	17.7	19.0	17.0	18.0
4	22.0	12.4	17.2	20.3	14.3	17.3	19.1	17.0	18.1
5	22.7	11.3	17.0	22.1	13.6	17.9	19.1	16.5	17.8
6	14.5	13.1	13.8	16.1	15.8	16.0	17.4	17.0	17.2
7	19.0	11.0	15.0	18.1	13.3	15.7	18.1	15.7	16.9
8	14.6	12.0	13.3	15.1	13.8	14.5	16.0	14.5	15.3
9	15.0	9.9	12.5	15.0	11.6	13.3	15.5	14.5	15.0
10	17.7	8.0	12.9	16.9	10.6	13.8	17.7	14.0	15.9
11	17.0	8.1	12.6	15.6	11.0	13.3	16.0	15.0	15.5
12	16.8	8.4	12.6	16.0	11.2	13.6	17.0	14.9	16.0
13	17.0	7.8	12.4	16.0	10.6	13.3	16.0	14.1	15.1
14	17.8	8.0	12.9	16.5	11.0	13.8	16.0	14.1	15.1
15	17.6	9.9	13.8	16.4	11.9	14.2	15.8	14.0	14.9
16	18.0	9.2	13.6	17.3	11.9	14.6	17.0	15.0	16.0
17	18.0	9.0	13.5	17.1	12.0	14.6	17.0	15.0	16.0
18	18.0	10.0	14.0	17.0	12.3	14.7	16.8	15.0	15.9
19	17.3	9.7	13.5	16.2	12.0	14.1	16.3	14.8	15.6
20	16.9	9.4	13.2	16.0	11.7	13.9	16.0	14.9	15.5
21	16.0	10.4	13.2	15.7	12.4	14.1	15.8	14.9	15.4
22	17.9	10.0	14.0	17.0	12.0	14.5	16.1	14.8	15.5
23	16.5	8.6	12.6	15.5	11.0	13.3	15.0	14.0	14.5
24	16.5	7.7	12.1	15.9	10.0	13.0	15.8	13.3	14.6
25	15.7	8.0	11.9	14.0	10.9	12.5	15.1	14.0	14.6
26	15.4	7.0	11.2	15.0	10.1	12.6	15.0	13.8	14.4
27	13.0	8.5	10.8	13.3	10.9	12.1	14.3	13.9	14.1
28	13.0	7.0	10.0	13.0	10.0	11.5	14.2	13.2	13.7
29	13.9	10.3	12.1	14.0	12.1	13.1	14.9	14.0	14.5
30	13.5	7.0	10.3	13.5	9.9	11.7	14.0	13.1	13.6
Mean	17.2	10.0	13.6	16.6	12.4	14.5	16.7	15.1	15.9
Abs.Max.	24.0	17.0	20.5	22.3	18.5	20.4	22.0	20.8	21.3
Abs.Min.	13.0	7.0	10.0	13.0	9.9	11.5	14.0	13.1	13.6

TEL HADYA - DAILY CLIMATIC DATA
DECEMBER 1986

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	336	11.4	-5.6	2.9	49.5	11.6	2.22	0.0	136.7
2	337	13.1	-5.1	4.0	50.5	12.1	1.72	0.0	40.2
3	338	13.7	-5.8	4.0	55.5	12.1	1.64	0.0	82.0
4	339	13.0	-4.6	4.2	55.5	10.1	1.68	0.0	51.5
5	340	17.5	-6.8	5.4	49.5	12.1	2.33	0.0	117.4
6	341	19.3	-2.9	8.2	61.5	11.5	1.97	0.0	67.5
7	342	16.9	-2.0	7.5	53.0	12.0	3.46	0.0	168.9
8	343	16.5	-4.2	6.2	47.5	11.6	3.18	0.0	189.7
9	344	15.0	-1.8	6.6	48.0	11.7	1.90	0.0	96.5
10	345	15.3	-2.0	6.7	55.0	11.1	2.30	0.0	122.2
11	346	14.0	-5.0	4.5	54.5	10.7	1.78	0.0	51.5
12	347	13.8	-5.6	4.1	50.0	11.5	2.30	0.0	146.2
13	348	12.7	-1.7	5.5	39.5	10.8	2.30	0.0	159.2
14	349	12.7	-2.9	4.9	43.5	9.2	1.90	0.0	115.8
15	350	13.2	-1.0	6.1	48.5	8.9	1.85	0.0	85.2
16	351	14.2	2.1	8.2	46.0	10.4	1.88	0.0	133.5
17	352	13.0	-0.4	6.3	58.5	7.7	3.60	0.0	456.7
18	353	10.0	5.9	8.0	71.5	3.6	1.90	3.0	488.9
19	354	7.2	5.8	6.5	91.0	2.1	2.24	9.6	331.3
20	355	10.6	4.5	7.6	86.0	3.9	1.02	9.2	316.8
21	356	15.4	7.0	11.2	74.5	8.5	1.86	0.4	318.5
22	357	15.8	5.3	10.6	75.0	9.7	1.73	0.6	160.8
23	358	17.7	5.8	11.8	71.5	8.5	1.18	0.0	193.0
24	359	11.8	4.3	8.1	86.0	3.5	.78	0.0	189.9
25	360	13.8	4.5	9.2	79.5	7.8	1.07	0.0	148.0
26	361	10.8	2.9	6.9	89.5	4.1	1.56	6.2	137.4
27	362	12.6	6.3	9.5	83.0	4.9	1.62	3.2	299.1
28	363	11.5	3.7	7.6	87.5	3.9	2.50	1.8	358.6
29	364	8.2	4.0	6.1	96.5	2.4	1.70	11.2	300.8
30	365	11.0	1.6	6.3	64.5	11.3	2.26	0.0	254.1
31	366	11.8	0.0	5.9	81.5	7.7	1.14	2.0	258.9
Mean/Total		13.3	0.2	6.8	64.6	8.6	1.95	47.2	192.8
Abs. Maximum		19.3	7.0	11.8	96.5	12.1	3.60	11.2	488.9
Abs. Minimum		7.2	-6.8	2.9	39.5	2.1	0.78	0.0	40.2

**TEL HADYA - DAILY SOIL TEMPERATURE
DECEMBER 1986**

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	12.5	4.9	8.7	12.9	8.3	10.6	13.3	12.5	12.9
2	12.6	5.0	8.8	12.2	8.2	10.2	12.9	11.8	12.4
3	12.5	4.1	8.3	12.0	7.5	9.8	12.2	11.2	11.7
4	11.5	4.9	8.2	11.2	7.5	9.4	12.0	11.0	11.5
5	13.0	4.0	8.5	12.0	7.0	9.5	12.0	10.5	11.3
6	14.0	5.8	9.9	12.9	8.0	10.5	12.4	11.0	11.7
7	13.6	6.2	9.9	12.7	8.5	10.6	12.5	11.2	11.9
8	13.9	5.8	9.9	13.0	8.3	10.7	13.0	11.3	12.2
9	13.2	6.0	9.6	13.0	8.8	10.9	12.8	11.3	12.1
10	12.8	6.0	9.4	12.1	8.6	10.4	12.2	11.1	11.7
11	12.2	5.0	8.6	11.9	8.0	10.0	12.0	11.0	11.5
12	12.5	4.2	8.4	12.0	7.3	9.7	12.0	10.5	11.3
13	11.9	5.0	8.5	11.2	7.8	9.5	12.0	11.0	11.5
14	11.9	5.0	8.5	11.2	7.5	9.4	11.8	10.8	11.3
15	13.0	6.0	9.5	12.2	8.5	10.4	12.3	11.0	11.7
16	14.0	8.0	11.0	13.0	10.0	11.5	13.0	12.0	12.5
17	11.2	6.2	8.7	11.5	8.8	10.2	12.0	11.1	11.6
18	11.0	9.0	10.0	11.4	10.2	10.8	12.0	11.5	11.8
19	9.1	9.0	9.1	10.0	9.0	9.5	10.8	10.0	10.4
20	11.0	8.2	9.6	10.9	9.0	10.0	11.0	10.0	10.5
21	12.8	9.9	11.4	12.3	10.4	11.4	12.0	10.6	11.3
22	15.0	9.0	12.0	14.0	10.0	12.0	13.3	11.0	12.2
23	14.8	10.0	12.4	14.0	11.0	12.5	13.0	12.0	12.5
24	11.5	10.0	10.8	11.5	11.0	11.3	11.5	11.3	11.4
25	13.0	8.0	10.5	12.5	9.4	11.0	12.0	10.3	11.2
26	10.8	9.0	9.9	11.0	10.0	10.5	11.2	11.0	11.1
27	11.0	9.2	10.1	11.0	10.0	10.5	11.0	10.5	10.8
28	11.0	7.3	9.2	10.1	9.0	9.6	10.2	10.0	10.1
29	9.5	8.0	8.8	10.0	8.9	9.5	10.0	9.0	9.5
30	9.0	5.2	7.1	9.3	7.5	8.4	9.7	8.9	9.3
31	10.6	5.0	7.8	10.0	7.0	8.5	9.7	8.3	9.0
Mean	12.1	6.7	9.4	11.8	8.7	10.3	11.9	10.8	11.3
Abs.Max.	15.0	10.0	12.4	14.0	11.0	12.5	13.3	12.5	12.9
Abs.Min.	9.0	4.0	7.1	9.3	7.0	8.4	9.7	8.3	9.0

**TEL HADYA - DAILY CLIMATIC DATA
JANUARY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	1	7.0	6.1	6.6	97.0	2.2	0.70	15.6	271.8
2	2	12.2	5.4	8.8	82.5	8.3	2.86	3.0	164.0
3	3	8.4	0.8	4.6	91.5	6.6	1.40	6.4	268.5
4	4	8.7	6.0	7.4	96.5	2.5	1.10	6.0	210.7
5	5	11.4	6.4	8.9	86.0	4.0	1.00	6.6	275.0
6	6	10.9	4.3	7.6	85.0	5.1	2.06	2.2	197.8
7	7	14.0	3.4	8.7	77.0	7.8	1.87	5.6	322.2
8	8	13.9	8.5	11.2	81.0	3.0	0.80	0.4	172.0
9	9	13.6	6.0	9.8	81.0	6.8	2.26	3.6	406.9
10	10	13.0	4.5	8.8	67.0	11.5	2.52	0.0	246.0
11	11	11.7	0.0	5.9	76.5	10.9	1.50	0.0	233.2
12	12	11.5	0.8	6.2	75.5	10.3	2.00	0.0	252.5
13	13	13.2	2.3	7.8	72.5	11.9	1.36	0.0	101.3
14	14	13.6	-1.4	6.1	75.5	11.4	1.04	0.0	65.9
15	15	13.6	-1.5	6.1	75.0	11.0	0.88	0.0	98.1
16	16	14.8	-2.1	6.4	74.0	12.1	1.20	0.0	125.4
17	17	15.2	-0.5	7.4	69.5	11.9	1.72	0.0	117.4
18	18	15.8	-0.7	7.6	67.5	12.5	2.34	0.0	193.0
19	19	16.3	1.0	8.7	62.5	12.1	2.72	0.0	180.1
20	20	16.2	1.9	9.1	61.0	10.4	2.30	0.0	175.3
21	21	15.4	4.5	10.0	61.0	10.3	1.88	0.0	115.8
22	22	17.0	0.5	8.8	64.0	12.2	1.80	2.4	147.9
23	23	10.2	5.0	7.6	80.5	4.2	2.60	1.6	122.2
24	24	10.9	3.9	7.4	77.0	5.6	1.42	6.2	119.0
25	25	8.4	3.3	5.9	75.0	7.1	2.30	22.2	291.1
26	26	8.7	3.2	6.0	77.5	8.6	1.80	0.0	331.3
27	27	11.8	-0.8	5.5	83.0	7.9	0.83	3.7	188.2
28	28	12.2	5.2	8.7	89.0	3.3	0.75	3.4	149.5
29	29	14.1	7.0	10.6	84.0	4.0	0.61	0.0	136.7
30	30	13.6	1.7	7.7	85.0	7.4	0.62	0.0	226.8
31	31	15.9	3.6	9.8	76.5	13.1	1.92	0.0	170.4
Mean/Total		12.7	2.8	7.8	77.6	8.2	1.62	88.9	196.0
Abs.Maximum		17.0	8.5	11.2	97.0	13.1	2.86	22.2	406.9
Abs.Minimum		7.0	-2.1	4.6	61.0	2.2	0.61	0.0	65.9

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

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	9.1	9.0	9.1	9.5	9.3	9.4	9.5	9.4	9.5
2	12.0	8.8	10.4	10.2	9.0	9.6	10.0	9.0	9.5
3	10.0	5.3	7.7	9.0	6.8	7.9	9.4	8.7	9.1
4	9.9	8.5	9.2	8.8	8.2	8.5	9.8	9.1	9.5
5	10.5	8.2	9.4	9.5	8.5	9.0	9.8	8.4	9.1
6	9.2	7.2	8.2	8.8	7.3	8.1	9.0	8.4	8.7
7	10.1	5.0	7.6	9.0	6.0	7.5	9.0	8.0	8.5
8	10.2	8.3	9.3	9.0	8.4	8.7	9.1	9.0	9.1
9	10.5	8.0	9.3	9.4	8.0	8.7	9.0	9.0	9.0
10	10.2	7.0	8.6	9.1	7.3	8.2	9.3	9.0	9.2
11	11.3	4.4	7.9	9.9	5.6	7.8	9.7	7.9	8.8
12	11.0	5.0	8.0	10.1	6.4	8.3	10.5	8.8	9.7
13	12.8	7.0	9.9	11.0	7.7	9.4	10.8	9.4	10.1
14	12.8	5.5	9.2	11.0	6.9	9.0	10.5	9.0	9.8
15	12.0	5.3	8.7	10.0	6.5	8.3	9.9	8.6	9.3
16	13.0	5.1	9.1	11.0	6.2	8.6	10.0	8.2	9.1
17	13.7	5.8	9.8	11.4	7.0	9.2	10.2	9.0	9.6
18	12.5	5.5	9.0	10.5	7.0	8.8	10.2	9.0	9.6
19	13.0	5.7	9.4	11.8	7.0	9.4	11.5	8.3	9.9
20	13.2	7.0	10.1	11.8	8.2	10.0	11.7	10.9	11.3
21	14.0	8.0	11.0	12.2	9.0	10.6	12.1	11.0	11.6
22	15.0	7.0	11.0	13.0	8.8	10.9	12.4	11.2	11.8
23	12.0	10.0	11.0	11.0	10.1	10.6	11.9	11.0	11.5
24	12.0	8.0	10.0	11.0	9.0	10.0	11.5	11.0	11.3
25	11.0	8.0	9.5	10.5	8.8	9.7	11.0	10.8	10.9
26	9.0	7.5	8.3	9.2	8.0	8.6	9.4	8.8	9.1
27	9.5	4.0	6.8	8.5	5.1	6.8	8.7	7.8	8.3
28	9.9	7.3	8.6	9.0	7.3	8.2	9.0	8.1	8.6
29	10.0	7.7	8.9	9.0	7.9	8.5	9.0	8.7	8.9
30	10.7	5.1	7.9	9.0	6.3	7.7	9.0	8.5	8.8
31	14.0	6.1	10.1	12.0	7.0	9.5	10.9	8.5	9.7
Mean	11.4	6.8	9.1	10.2	7.6	8.9	10.1	9.1	9.6
Abs.Max.	15.0	10.0	11.0	13.0	10.1	10.9	12.4	11.2	11.8
Abs.Min.	9.0	4.0	6.8	8.5	5.1	6.8	8.7	7.8	8.3

TEL HADYA - DAILY CLIMATIC DATA
FEBRUARY 1987

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	32	15.0	3.2	9.1	80.0	9.6	1.09	0.0	122.2
2	33	16.3	4.8	10.6	78.0	8.1	1.46	0.6	119.0
3	34	17.8	4.0	10.9	74.0	8.8	2.88	22.6	138.0
4	35	16.7	5.4	11.1	79.5	13.3	2.58	0.0	345.7
5	36	15.9	5.3	10.6	65.0	14.6	3.17	0.0	207.5
6	37	14.2	0.3	7.3	66.0	14.7	3.71	0.0	176.4
7	38	14.5	4.3	9.4	64.0	10.5	2.58	0.0	258.9
8	39	14.6	3.3	9.0	76.5	11.4	2.35	1.6	165.6
9	40	10.4	1.5	6.0	88.5	5.7	0.82	1.8	93.2
10	41	16.0	4.0	10.0	64.5	16.0	2.76	0.0	201.0
11	42	16.5	0.8	8.7	67.5	14.9	2.56	0.0	257.3
12	43	15.8	3.5	9.7	63.0	15.1	3.31	0.0	302.4
13	44	17.7	1.8	9.8	60.5	15.5	3.66	0.0	172.0
14	45	17.7	5.7	11.7	52.0	12.4	5.16	0.0	496.9
15	46	19.4	8.5	14.0	49.0	14.9	3.41	0.0	164.1
16	47	17.8	2.4	10.1	70.5	15.3	3.69	0.0	249.3
17	48	16.4	4.7	10.6	77.5	10.0	3.42	5.4	191.3
18	49	13.4	2.4	7.9	82.0	5.3	1.93	17.4	159.2
19	50	14.2	6.3	10.3	80.5	10.3	1.73	3.2	154.4
20	51	17.2	1.1	9.2	71.0	17.4	2.38	0.0	233.2
21	52	18.3	0.8	9.6	70.5	17.5	2.74	0.0	183.3
22	53	17.7	2.4	10.1	66.0	16.1	3.50	0.0	246.1
23	54	19.3	4.5	11.9	61.5	16.6	5.12	0.0	389.2
24	55	17.6	7.9	12.8	58.0	11.2	2.62	0.6	273.4
25	56	14.4	7.6	11.0	73.5	7.5	1.56	10.0	167.3
26	57	14.2	6.6	10.4	79.5	9.2	1.58	0.0	152.8
27	58	13.6	3.7	8.7	78.5	9.3	1.54	0.0	183.3
28	59	11.9	2.9	7.4	76.5	9.5	1.48	0.0	156.0
29	60								
Mean/Total		15.9	3.9	9.9	70.5	12.2	2.67	63.2	212.8
Abs. Maximum		19.4	8.5	14.0	88.5	17.5	5.16	22.6	496.9
Abs. Minimum		10.4	0.3	6.0	49.0	5.3	0.82	0.0	93.2

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

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	12.0	6.9	9.5	10.5	7.8	9.2	10.0	9.3	9.7
2	12.5	7.0	9.8	11.0	7.8	9.4	10.0	9.1	9.6
3	12.6	6.3	9.5	10.4	7.2	8.8	9.1	8.2	8.7
4	13.3	7.1	10.2	11.8	7.8	9.8	10.0	8.7	9.4
5	12.9	7.0	10.0	11.6	8.0	9.8	10.2	9.0	9.6
6	11.8	4.9	8.4	10.0	6.1	8.1	10.0	8.9	9.5
7	11.0	5.4	8.2	9.8	6.5	8.2	9.5	8.8	9.2
8	12.6	6.0	9.3	10.2	7.0	8.6	9.7	8.3	9.0
9	11.9	6.0	9.0	11.0	6.6	8.8	11.0	8.2	9.6
10	14.4	8.0	11.2	12.3	8.3	10.3	11.0	9.8	10.4
11	16.0	7.0	11.5	13.8	8.0	10.9	12.0	9.4	10.7
12	15.0	8.0	11.5	13.0	9.0	11.0	12.0	10.0	11.0
13	15.0	7.1	11.1	12.8	8.6	10.7	12.0	10.4	11.2
14	14.0	8.7	11.4	12.5	9.2	10.9	12.0	11.0	11.5
15	16.7	9.9	13.3	14.0	10.0	12.0	13.0	11.0	12.0
16	15.5	8.2	11.9	13.7	9.3	11.5	12.5	11.3	11.9
17	13.0	8.2	10.6	12.0	9.3	10.7	11.4	10.0	10.7
18	10.5	6.9	8.7	9.9	8.0	9.0	10.0	9.0	9.5
19	12.1	8.0	10.1	11.0	8.3	9.7	10.2	9.4	9.8
20	14.4	5.7	10.1	12.0	7.0	9.5	11.0	9.1	10.1
21	16.0	6.0	11.0	13.9	7.5	10.7	12.2	9.8	11.0
22	14.9	7.0	11.0	12.5	8.1	10.3	11.9	10.1	11.0
23	15.0	7.0	11.0	13.0	8.2	10.6	12.8	10.0	11.4
24	14.0	8.8	11.4	13.0	9.9	11.5	12.5	11.8	12.2
25	13.1	10.0	11.6	12.6	10.9	11.8	12.5	12.1	12.3
26	14.0	9.7	11.9	13.0	10.1	11.6	12.7	11.9	12.3
27	12.2	7.2	9.7	11.5	9.0	10.3	12.0	11.4	11.7
28	12.0	7.0	9.5	11.0	8.5	9.8	11.3	10.5	10.9
Mean	13.5	7.3	10.4	11.9	8.3	10.1	11.2	10.0	10.6
Abs.Max.	16.7	10.0	13.3	14.0	10.9	12.0	13.0	12.1	12.3
Abs.Min.	10.5	4.9	8.2	9.8	6.1	8.1	9.1	8.2	8.7

**TEL HADYA - DAILY CLIMATIC DATA
MARCH 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	61	9.3	1.3	5.3	73.0	6.5	0.97	0.0	164.1
2	62	12.3	5.0	8.7	72.0	11.0	1.88	0.0	159.2
3	63	13.7	3.2	8.5	71.0	9.1	1.32	0.0	75.5
4	64	16.2	2.3	9.3	77.0	14.3	2.08	4.0	213.9
5	65	15.2	8.0	11.6	74.0	9.2	4.03	11.1	321.7
6	66	11.0	3.7	7.4	77.5	8.4	1.64	0.2	254.1
7	67	13.9	2.4	8.2	74.5	5.8	1.55	1.2	403.6
8	68	9.9	6.3	8.1	76.5	11.0	1.26	1.0	191.4
9	69	12.5	.5	6.5	76.5	13.5	2.51	5.2	312.0
10	70	11.6	6.1	8.9	76.5	10.8	2.03	3.8	352.2
11	71	11.2	5.2	8.2	71.5	10.8	1.35	1.8	173.7
12	72	11.6	-2.8	4.4	81.0	10.1	1.87	6.6	260.6
13	73	10.3	2.7	6.5	77.5	14.4	2.94	1.0	340.9
14	74	10.0	-.8	4.6	68.5	13.2	1.86	0.0	197.8
15	75	10.3	-1.2	4.6	79.0	13.3	1.36	0.0	104.5
16	76	10.1	-.2	5.0	76.0	10.4	1.64	8.0	234.8
17	77	11.4	2.8	7.1	85.0	10.4	2.12	1.8	250.9
18	78	12.8	3.2	8.0	82.5	7.5	2.02	6.4	366.7
19	79	11.9	1.2	6.6	61.0	23.0	4.69	0.0	326.5
20	80	12.5	-3.4	4.6	58.5	23.0	2.90	0.0	133.4
21	81	16.2	-1.2	7.5	62.5	22.9	3.09	0.0	102.9
22	82	18.6	-2.7	8.0	63.0	22.7	3.53	0.0	114.2
23	83	18.2	2.0	10.1	55.0	16.2	4.00	1.0	226.7
24	84	18.2	8.3	13.3	60.0	11.3	3.50	2.2	239.6
25	85	15.8	6.2	11.0	71.0	9.5	2.90	7.8	175.3
26	86	15.4	6.0	10.7	75.0	17.7	2.95	0.4	222.0
27	87	16.6	3.2	9.9	66.5	23.6	4.90	0.0	226.7
28	88	15.7	0.0	7.9	67.5	18.1	3.66	0.0	96.5
29	89	18.6	1.6	10.1	66.0	22.7	3.50	0.0	96.5
30	90	21.0	.9	11.0	68.0	23.6	3.80	0.0	82.0
31	91	22.8	2.0	12.4	63.5	24.0	4.85	0.0	141.5
Mean/Total		14.0	2.3	8.2	71.2	14.5	2.67	63.5	211.7
Abs. Maximum		22.8	8.3	13.3	85.0	24.0	4.90	11.1	403.6
Abs. Minimum		9.3	-3.4	4.4	55.0	5.8	0.97	0.0	75.5

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

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	8.9	6.0	7.5	9.0	7.5	8.3	10.1	10.1	10.1
2	14.1	7.1	10.6	12.8	8.0	10.4	11.0	10.0	10.5
3	13.0	8.0	10.5	11.9	9.3	10.6	11.9	11.0	11.5
4	16.0	7.3	11.7	13.0	8.8	10.9	11.9	10.2	11.1
5	13.9	10.2	12.1	12.0	10.3	11.2	12.0	11.5	11.8
6	11.0	7.9	9.5	10.0	8.9	9.5	11.0	10.9	11.0
7	10.0	6.7	8.4	9.8	8.0	8.9	10.2	10.0	10.1
8	11.0	8.8	9.9	10.0	9.8	9.9	10.2	10.0	10.1
9	14.0	6.0	10.0	12.0	7.2	9.6	11.1	9.0	10.1
10	11.9	9.0	10.5	10.9	9.3	10.1	10.7	10.0	10.4
11	11.0	8.0	9.5	11.0	8.3	9.7	10.2	9.5	9.9
12	9.0	5.7	7.4	9.0	6.5	7.8	9.0	8.4	8.7
13	10.5	6.3	8.4	10.0	7.2	8.6	9.7	8.3	9.0
14	9.0	4.0	6.5	9.0	6.5	7.8	9.3	8.8	9.1
15	10.3	4.5	7.4	10.0	6.3	8.2	9.2	8.0	8.6
16	11.0	5.3	8.2	10.8	7.0	8.9	10.1	8.5	9.3
17	11.0	6.9	9.0	10.3	8.1	9.2	10.0	9.3	9.7
18	10.5	7.0	8.8	10.5	8.4	9.5	10.0	9.5	9.8
19	12.0	5.1	8.6	11.2	7.8	9.5	11.0	9.0	10.0
20	16.0	4.0	10.0	14.0	7.0	10.5	12.3	9.5	10.9
21	17.1	6.0	11.6	15.0	8.5	11.8	13.0	10.9	12.0
22	18.9	7.0	13.0	16.0	9.2	12.6	14.0	11.1	12.6
23	17.0	9.0	13.0	15.0	11.0	13.0	14.2	12.8	13.5
24	16.0	11.0	13.5	14.0	12.0	13.0	12.9	12.0	12.5
25	17.0	11.9	14.5	14.0	11.9	13.0	13.0	12.0	12.5
26	17.9	11.1	14.5	14.0	11.0	12.5	13.0	12.0	12.5
27	19.7	9.9	14.8	16.0	10.0	13.0	14.0	11.9	13.0
28	19.0	9.8	14.4	15.7	10.3	13.0	14.0	12.3	13.2
29	21.0	10.1	15.6	17.0	11.0	14.0	14.0	13.0	13.5
30	22.0	10.2	16.1	17.8	11.3	14.6	15.0	13.0	14.0
31	23.0	11.0	17.0	18.0	11.7	14.9	15.1	13.0	14.1
Mean	14.3	7.8	11.0	12.6	9.0	10.8	11.7	10.5	11.1
Abs.Max.	23.0	11.9	17.0	18.0	12.0	14.9	15.1	13.0	14.1
Abs.Min.	8.9	4.0	6.5	9.0	6.3	7.8	9.0	8.0	8.6

**TEL HADYA - DAILY CLIMATIC DATA
APRIL 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	92	25.3	5.0	15.2	59.5	22.9	6.84	0.0	189.0
2	93	20.2	11.2	15.7	61.0	16.9	4.84	0.0	295.9
3	94	17.8	4.2	11.0	70.0	20.2	6.16	7.4	455.1
4	95	18.0	6.7	12.4	67.0	24.8	5.30	0.0	349.0
5	96	19.6	4.4	12.0	62.0	20.6	3.80	0.0	141.5
6	97	21.8	2.8	12.3	61.0	24.5	4.68	0.0	138.3
7	98	22.3	2.6	12.5	65.0	21.7	4.14	0.0	127.0
8	99	23.4	8.5	16.0	59.0	16.3	3.68	0.0	136.7
9	100	25.5	10.5	18.0	58.0	22.0	6.08	0.0	278.2
10	101	23.2	10.9	17.1	67.5	22.0	4.64	0.0	154.4
11	102	23.4	6.0	14.7	69.5	16.2	3.70	3.0	149.5
12	103	24.3	13.4	18.9	58.5	22.8	3.08	2.2	349.0
13	104	19.7	11.0	15.4	73.8	18.2	4.84	0.0	292.7
14	105	20.6	4.6	12.6	61.0	20.3	3.10	0.0	109.3
15	106	22.5	4.0	13.3	64.0	24.7	5.10	0.0	189.8
16	107	24.2	8.0	16.1	61.0	17.2	5.48	0.0	286.3
17	108	20.3	8.6	14.5	69.5	24.3	5.66	0.0	242.8
18	109	20.4	3.9	12.2	67.0	20.8	5.14	0.0	266.9
19	110	20.3	5.4	12.9	68.0	22.1	6.58	0.0	461.6
20	111	17.5	6.7	12.1	66.0	13.1	3.27	0.0	149.6
21	112	22.5	2.4	12.5	57.5	26.3	5.52	0.0	127.0
22	113	25.4	3.3	14.4	50.5	26.2	6.20	0.0	119.0
23	114	26.3	7.4	16.9	52.5	24.0	8.00	0.0	196.2
24	115	22.5	10.8	16.7	58.0	13.9	4.56	0.0	191.3
25	116	18.2	5.9	12.1	69.8	20.5	5.05	0.0	334.5
26	117	21.6	1.3	11.5	60.5	27.6	6.08	0.0	173.7
27	118	22.8	4.5	13.7	55.5	27.7	6.42	0.0	154.4
28	119	26.0	5.2	15.6	51.5	27.2	6.80	0.0	156.0
29	120	29.8	8.8	19.3	46.5	23.8	7.74	0.0	191.4
30	121	26.4	5.8	16.1	60.5	24.7	6.86	0.0	230.0
Mean/Total		22.4	6.5	14.4	61.7	21.8	5.31	12.6	221.2
Abs. Maximum		29.8	13.4	19.3	73.8	27.7	8.00	7.4	461.6
Abs. Minimum		17.5	1.3	11.0	46.5	13.1	3.08	0.0	109.3

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

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	22.0	12.9	17.5	18.0	13.0	15.5	15.5	13.9	14.7
2	20.8	15.0	17.9	17.0	14.2	15.6	15.5	14.6	15.1
3	19.2	12.4	15.8	16.2	12.2	14.2	14.8	13.3	14.1
4	19.2	12.0	15.6	16.0	12.0	14.0	14.5	13.2	13.9
5	21.0	11.0	16.0	17.0	11.3	14.2	15.0	13.0	14.0
6	24.0	11.3	17.7	19.4	12.0	15.7	16.6	13.0	14.8
7	22.8	12.1	17.5	18.4	13.0	15.7	16.0	14.1	15.1
8	22.0	14.2	18.1	18.1	14.3	16.2	16.3	15.0	15.7
9	24.4	15.0	19.7	20.0	14.8	17.4	17.5	15.3	16.4
10	24.9	16.2	20.6	20.4	15.6	18.0	18.0	16.0	17.0
11	23.0	15.2	19.1	19.0	15.0	17.0	17.0	15.9	16.5
12	24.0	17.0	20.5	20.0	16.0	18.0	18.0	16.0	17.0
13	21.8	16.3	19.1	19.0	15.5	17.3	18.0	16.1	17.1
14	24.1	13.5	18.8	19.9	14.0	17.0	17.9	16.0	17.0
15	25.2	13.8	19.5	21.0	14.2	17.6	18.5	16.0	17.3
16	23.0	15.2	19.1	19.3	15.7	17.5	18.0	17.0	17.5
17	23.0	14.5	18.8	20.0	15.5	17.8	18.3	16.8	17.6
18	22.0	13.3	17.7	19.5	14.9	17.2	18.6	16.7	17.7
19	21.5	13.0	17.3	19.0	14.0	16.5	17.5	16.0	16.8
20	19.9	13.3	16.6	17.7	14.9	16.3	16.0	15.0	15.5
21	25.4	12.0	18.7	20.8	13.2	17.0	18.0	15.0	16.5
22	27.0	13.8	20.4	22.0	15.0	18.5	19.1	16.7	17.9
23	26.4	16.0	21.2	22.0	16.6	19.3	19.5	17.8	18.7
24	23.0	17.4	20.2	20.2	18.0	19.1	19.0	18.4	18.7
25	22.5	15.2	18.9	19.9	16.1	18.0	18.3	17.0	17.7
26	26.9	12.8	19.9	22.0	14.2	18.1	19.1	16.6	17.9
27	29.0	14.9	22.0	24.0	16.0	20.0	21.0	17.7	19.4
28	30.0	16.7	23.4	24.9	17.8	21.4	21.9	19.0	20.5
29	30.7	18.0	24.4	25.4	18.3	21.9	22.0	20.0	21.0
30	31.0	17.9	24.5	25.7	18.9	22.3	22.2	20.0	21.1
Mean	23.9	14.4	19.2	20.1	14.9	17.5	17.9	16.0	17.0
Abs.Max.	31.0	18.0	24.5	25.7	18.9	22.3	22.2	20.0	21.1
Abs.Min.	19.2	11.0	15.6	16.0	11.3	14.0	14.5	13.0	13.9

**TEL HADYA - DAILY CLIMATIC DATA
MAY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	122	21.4	5.6	13.5	64.5	24.4	5.98	0.0	236.4
2	123	19.5	4.4	12.0	67.0	21.4	5.26	0.0	228.3
3	124	23.8	4.5	14.2	61.5	25.5	5.60	0.0	143.1
4	125	27.0	5.4	16.2	57.0	23.9	5.30	0.0	96.5
5	126	29.8	9.9	19.9	54.0	28.1	8.95	0.0	173.7
6	127	30.9	6.0	18.5	52.0	24.5	7.13	0.0	119.0
7	128	33.6	11.0	22.3	47.0	21.8	6.74	0.0	91.7
8	129	29.8	13.6	21.7	45.5	19.1	10.42	0.0	350.6
9	130	24.6	13.0	18.8	58.0	27.1	9.30	0.0	408.5
10	131	22.4	8.3	15.4	63.3	27.7	7.42	0.0	297.5
11	132	21.5	9.6	15.6	63.5	22.8	6.63	0.0	122.4
12	133	26.8	6.9	16.9	56.0	27.7	7.00	0.0	133.4
13	134	31.0	7.0	19.0	46.0	25.8	8.90	0.0	202.6
14	135	31.5	12.8	22.2	41.0	28.5	10.46	0.0	215.5
15	136	31.8	9.0	20.4	40.0	29.0	9.40	0.0	152.7
16	137	34.9	8.1	21.5	44.8	29.2	9.56	0.0	115.8
17	138	37.4	13.8	25.6	36.5	27.4	10.42	0.0	130.2
18	139	38.5	14.9	26.7	31.0	26.9	10.56	0.0	136.7
19	140	38.8	16.5	27.7	30.5	26.6	10.12	0.0	143.1
20	141	35.0	14.0	24.5	35.5	27.8	14.08	0.0	355.4
21	142	29.4	12.5	21.0	46.5	27.5	9.73	0.0	419.8
22	143	33.5	15.4	24.5	45.0	22.5	8.16	0.0	308.8
23	144	26.6	12.4	19.5	53.0	29.2	10.44	0.0	357.0
24	145	24.4	12.4	18.4	53.0	22.6	8.30	0.0	278.2
25	146	27.1	10.0	18.6	55.0	25.0	7.64	0.0	246.0
26	147	28.8	11.2	20.0	49.0	29.5	9.95	0.0	289.5
27	148	34.2	11.2	22.7	46.5	20.9	8.71	1.8	199.4
28	149	28.8	18.8	23.8	66.0	17.6	4.46	.8	151.2
29	150	31.9	13.0	22.5	58.5	26.9	8.46	0.0	175.3
30	151	33.3	14.2	23.8	53.0	27.4	11.80	0.0	326.5
31	152	34.8	17.0	25.9	44.0	25.8	11.30	0.0	226.8
Mean/Total		29.8	11.0	20.4	50.5	25.5	8.65	2.6	220.4
Abs. Maximum		38.8	18.8	27.7	67.0	29.5	14.08	1.8	419.8
Abs. Minimum		19.5	4.4	12.0	30.5	17.6	4.46	0.0	91.7

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

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	29.0	17.3	23.2	24.7	18.4	21.6	22.0	20.0	21.0
2	26.7	17.0	21.9	23.0	18.1	20.6	21.0	20.0	20.5
3	29.5	16.0	22.8	24.4	17.3	20.9	21.8	19.1	20.5
4	31.0	17.4	24.2	25.5	18.5	22.0	22.8	20.0	21.4
5	33.0	18.9	26.0	27.4	19.5	23.5	24.0	21.0	22.5
6	33.0	19.0	26.0	27.3	20.0	23.7	24.0	21.9	23.0
7	32.5	20.5	26.5	27.0	21.1	24.1	24.0	22.0	23.0
8	30.0	21.9	26.0	25.9	22.0	24.0	23.9	22.8	23.4
9	33.6	21.8	27.7	27.8	21.5	24.7	24.9	22.5	23.7
10	32.6	19.0	25.8	27.4	20.3	23.9	24.3	22.1	23.2
11	30.0	20.0	25.0	26.0	21.0	23.5	23.9	22.8	23.4
12	33.0	18.0	25.5	28.0	19.0	23.5	24.7	21.9	23.3
13	34.9	20.0	27.5	28.2	21.0	24.6	25.0	22.9	24.0
14	36.7	22.1	29.4	29.8	22.6	26.2	26.3	23.7	25.0
15	37.3	21.0	29.2	30.0	22.2	26.1	26.8	24.1	25.5
16	38.9	21.0	30.0	30.8	22.5	26.7	27.0	24.4	25.7
17	40.0	23.3	31.7	32.0	24.0	28.0	28.0	25.0	26.5
18	41.0	24.0	32.5	33.0	24.5	28.8	29.0	26.0	27.5
19	41.7	25.8	33.8	33.5	25.8	29.7	29.2	27.0	28.1
20	40.5	25.5	33.0	33.0	26.0	29.5	29.0	27.0	28.0
21	38.9	24.2	31.6	31.9	25.0	28.5	28.1	26.6	27.4
22	37.0	24.7	30.9	30.5	25.1	27.8	27.8	26.2	27.0
23	39.2	27.6	33.4	32.0	24.2	28.1	28.0	26.0	27.0
24	34.7	24.0	29.4	29.9	24.2	27.1	27.0	26.0	26.5
25	38.0	21.8	29.9	31.0	23.0	27.0	27.7	25.0	26.4
26	38.8	22.8	30.8	32.3	23.2	27.8	28.0	25.2	26.6
27	38.0	23.1	30.6	31.7	24.3	28.0	28.0	26.0	27.0
28	33.0	27.0	30.0	29.0	26.0	27.5	27.0	26.3	26.7
29	37.8	22.4	30.1	31.8	23.4	27.7	28.0	25.3	26.7
30	40.0	24.0	32.0	33.3	24.8	29.1	29.0	26.1	27.6
31	41.0	25.9	33.5	33.6	26.1	29.9	29.0	27.0	28.0
Mean	35.5	21.8	28.7	29.4	22.4	25.9	26.1	23.9	25.0
Abs.Max.	41.7	27.6	33.8	33.6	26.1	29.9	29.2	27.0	28.1
Abs.Min.	26.7	16.0	21.9	23.0	17.3	20.6	21.0	19.1	20.5

TEL HADYA - DAILY CLIMATIC DATA
JUNE 1987

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	153	33.5	17.5	25.5	48.0	23.4	11.94	0.0	432.9
2	154	28.4	14.5	21.5	57.0	29.9	12.30	0.0	495.3
3	155	27.4	13.0	20.2	58.5	28.4	10.58	0.0	514.6
4	156	27.8	15.1	21.5	56.0	29.0	11.18	0.0	410.1
5	157	31.6	13.4	22.5	48.0	29.8	11.10	0.0	265.3
6	158	33.1	13.2	23.2	43.5	29.7	13.68	0.0	402.0
7	159	33.4	17.0	25.2	40.0	29.7	13.61	0.0	431.0
8	160	32.6	17.0	24.8	44.3	29.7	12.50	0.0	324.8
9	161	33.0	15.0	24.0	43.0	30.0	13.28	0.0	291.1
10	162	34.4	14.9	24.7	39.5	29.8	13.66	0.0	316.8
11	163	34.8	14.7	24.8	36.5	29.6	13.92	0.0	141.4
12	164	34.4	16.2	25.3	38.5	29.8	13.70	0.0	313.6
13	165	33.0	16.7	24.9	45.5	29.4	13.21	0.0	342.9
14	166	34.8	16.0	25.4	44.0	28.9	12.66	0.0	262.1
15	167	35.0	16.1	25.6	46.5	27.7	13.14	0.0	270.2
16	168	36.2	19.6	27.9	47.5	23.7	14.03	15.0	223.5
17	169	35.2	14.9	25.1	56.5	28.7	13.80	0.0	398.8
18	170	35.8	19.5	27.7	43.0	28.5	14.11	0.0	466.4
19	171	33.0	16.7	24.9	54.0	30.1	12.98	0.0	442.2
20	172	30.6	18.1	24.4	56.5	29.5	12.50	0.0	551.6
21	173	31.4	18.4	24.9	51.5	29.2	14.04	0.0	575.7
22	174	36.0	18.8	27.4	46.0	29.9	16.18	0.0	558.0
23	175	35.4	21.6	28.5	38.5	30.5	20.12	0.0	546.8
24	176	36.4	20.0	28.2	31.5	30.4	15.88	0.0	443.9
25	177	34.8	19.8	27.3	50.0	30.1	14.00	0.0	418.1
26	178	35.4	14.8	25.1	57.5	29.8	11.50	0.0	312.0
27	179	33.7	17.6	25.7	61.5	29.3	12.64	0.0	477.6
28	180	34.9	20.0	27.5	53.0	29.4	12.51	0.0	332.9
29	181	38.0	17.6	27.8	45.5	28.9	12.61	0.0	201.0
30	182	39.0	19.0	29.0	36.5	28.6	13.90	0.0	201.0
Mean/Total		33.8	16.9	25.3	47.3	29.0	13.38	15.0	378.8
Abs. Maximum		39.0	21.6	29.0	61.5	30.5	20.12	15.0	575.7
Abs. Minimum		27.4	13.0	20.2	31.5	23.4	10.58	0.0	141.4

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

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	38.0	27.3	32.7	31.7	27.0	29.4	28.0	27.4	27.7
2	39.2	24.1	31.7	32.5	25.0	28.8	28.0	26.0	27.0
3	38.0	23.9	31.0	32.0	24.9	28.5	28.0	26.0	27.0
4	38.4	24.0	31.2	32.0	24.9	28.5	28.0	26.0	27.0
5	41.0	24.0	32.5	33.2	24.4	28.8	28.9	26.0	27.5
6	42.0	23.8	32.9	34.0	25.0	29.5	29.2	26.7	28.0
7	41.9	24.5	33.2	34.0	25.2	29.6	29.3	26.8	28.1
8	43.9	25.6	34.8	36.0	26.0	31.0	29.3	27.0	28.2
9	43.5	26.9	35.2	36.0	27.9	32.0	31.0	28.9	30.0
10	44.0	27.0	35.5	36.0	28.0	32.0	31.3	29.0	30.2
11	44.0	27.0	35.5	36.5	28.0	32.3	31.3	29.1	30.2
12	44.2	27.1	35.7	36.2	28.2	32.2	31.8	29.4	30.6
13	44.0	28.3	36.2	36.6	28.3	32.5	31.8	29.5	30.7
14	45.8	27.3	36.6	37.4	28.3	32.9	32.0	29.4	30.7
15	46.0	28.3	37.2	38.2	29.0	33.6	32.8	30.0	31.4
16	45.8	29.1	37.5	37.9	29.8	33.9	32.0	30.1	31.1
17	39.9	23.5	31.7	34.8	26.0	30.4	31.2	28.9	30.1
18	39.7	24.0	31.9	34.3	25.9	30.1	29.7	28.8	29.3
19	37.0	24.2	30.6	34.9	26.0	30.5	31.0	28.3	29.7
20	37.0	22.7	29.9	34.2	26.3	30.3	31.0	28.0	29.5
21	35.4	22.6	29.0	33.0	26.0	29.5	30.2	28.2	29.2
22	37.2	22.0	29.6	34.7	26.0	30.4	31.1	28.0	29.6
23	37.0	24.0	30.5	34.0	27.0	30.5	31.0	29.0	30.0
24	39.0	23.7	31.4	35.1	27.0	31.1	31.9	29.0	30.5
25	39.0	24.3	31.7	35.0	27.3	31.2	31.8	29.4	30.6
26	40.5	23.9	32.2	35.9	27.0	31.5	32.1	29.3	30.7
27	40.0	25.3	32.7	35.6	28.0	31.8	32.0	30.1	31.1
28	40.7	25.8	33.3	36.0	28.2	32.1	32.2	29.8	31.0
29	41.5	26.0	33.8	36.5	28.2	32.4	32.0	30.0	31.0
30	42.2	25.5	33.9	37.0	28.2	32.6	32.3	29.9	31.1
Mean	40.9	25.2	33.0	35.0	26.9	31.0	30.7	28.5	29.6
Abs.Max.	46.0	29.1	37.5	38.2	29.8	33.9	32.8	30.1	31.4
Abs.Min.	35.4	22.0	29.0	31.7	24.4	28.5	28.0	26.0	27.0

**TEL HADYA - DAILY CLIMATIC DATA
JULY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	183	39.0	18.4	28.7	32.0	29.2	18.62	0.0	448.7
2	184	36.4	23.8	30.1	38.5	29.4	16.82	0.0	699.7
3	185	34.6	21.9	28.3	57.0	29.8	13.38	0.0	694.8
4	186	32.4	20.9	26.7	59.0	28.2	11.68	0.0	587.0
5	187	32.2	20.5	26.4	59.5	26.8	12.30	0.0	508.2
6	188	32.2	20.4	26.3	62.5	24.8	11.85	0.0	587.0
7	189	32.2	21.2	26.7	59.0	28.2	13.72	0.0	513.0
8	190	31.8	19.6	25.7	58.5	27.7	12.20	0.0	395.6
9	191	33.1	17.7	25.4	53.5	29.8	12.10	0.0	213.9
10	192	38.4	15.4	26.9	34.5	28.5	12.10	0.0	160.8
11	193	41.9	20.0	31.0	30.0	27.1	14.60	0.0	460.0
12	194	34.2	21.4	27.8	58.5	28.9	14.40	0.0	596.6
13	195	34.5	20.9	27.7	53.5	28.3	14.30	0.0	532.3
14	196	36.1	20.4	28.3	53.0	29.2	14.00	0.0	553.3
15	197	34.7	21.1	27.9	61.0	28.9	14.48	0.0	609.5
16	198	36.8	22.0	29.4	50.5	28.7	14.30	0.0	402.1
17	199	39.2	22.2	30.7	47.0	28.9	14.50	0.0	435.8
18	200	37.4	21.1	29.3	48.5	28.4	15.66	0.0	447.1
19	201	40.2	22.4	31.3	41.5	27.6	15.84	0.0	238.4
20	202	39.0	22.3	30.7	40.0	29.0	15.08	0.0	357.0
21	203	41.6	20.1	30.9	43.3	26.6	11.85	0.0	223.5
22	204	42.0	21.6	31.8	43.5	27.3	15.02	0.0	263.7
23	205	41.6	21.5	31.6	38.0	27.6	15.22	0.0	236.4
24	206	42.0	20.4	31.2	35.0	27.5	14.74	0.0	239.6
25	207	42.0	22.7	32.4	34.5	27.7	15.05	0.0	241.2
26	208	42.7	22.6	32.7	33.0	27.1	15.90	0.0	266.9
27	209	44.0	23.4	33.7	32.5	26.6	16.10	0.0	247.6
28	210	43.4	22.0	32.7	29.5	26.9	15.60	0.0	254.1
29	211	43.6	20.1	31.9	29.5	26.4	14.32	0.0	275.0
30	212	41.4	20.5	31.0	28.0	26.4	14.80	0.0	257.3
31	213	40.0	19.6	29.8	39.3	25.9	14.18	0.0	242.8
Mean/Total		38.1	20.9	29.5	44.6	27.8	14.35	0.0	393.2
Abs. Maximum		44.0	23.8	33.7	62.5	29.8	18.62	0.0	699.7
Abs. Minimum		31.8	15.4	25.4	28.0	24.8	11.68	0.0	160.8

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

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	42.7	26.0	34.4	37.1	28.8	33.0	32.8	30.0	31.4
2	41.7	27.0	34.4	36.3	29.2	32.8	32.4	30.0	31.2
3	40.9	27.5	34.2	36.0	29.5	32.8	32.1	30.0	31.1
4	40.0	27.0	33.5	36.0	29.3	32.7	31.9	30.0	31.0
5	39.0	26.3	32.7	35.5	29.8	32.7	31.7	29.8	30.8
6	39.1	26.2	32.7	35.8	29.0	32.4	32.5	29.7	31.1
7	40.3	27.2	33.8	36.4	30.0	33.2	32.6	30.3	31.5
8	40.2	27.0	33.6	36.4	29.5	33.0	32.5	30.2	31.4
9	42.0	25.9	34.0	37.5	29.3	33.4	33.0	30.2	31.6
10	43.3	25.0	34.2	38.0	28.9	33.5	33.3	31.0	32.2
11	44.0	27.4	35.7	38.5	30.0	34.3	34.0	31.5	32.8
12	42.7	28.0	35.4	38.0	31.0	34.5	33.5	31.7	32.6
13	42.0	28.0	35.0	37.5	30.5	34.0	33.8	31.0	32.4
14	41.0	28.0	34.5	38.0	30.5	34.3	34.0	31.4	32.7
15	41.8	28.1	35.0	36.0	31.0	33.5	30.3	29.0	29.7
16	43.2	28.2	35.7	36.0	30.0	33.0	30.3	29.0	29.7
17	43.8	28.9	36.4	38.0	30.0	34.0	30.6	29.0	29.8
18	43.0	29.0	36.0	37.3	30.1	33.7	31.3	29.3	30.3
19	44.5	28.9	36.7	37.8	30.0	33.9	31.7	29.1	30.4
20	45.0	29.0	37.0	38.5	30.0	34.3	32.1	29.2	30.7
21	45.0	29.0	37.0	38.5	30.2	34.4	32.0	30.0	31.0
22	46.0	30.0	38.0	39.0	31.0	35.0	32.8	30.0	31.4
23	46.0	30.0	38.0	39.0	31.0	35.0	32.8	30.4	31.6
24	46.0	30.0	38.0	39.2	31.0	35.1	34.0	31.6	32.8
25	47.0	29.8	38.4	39.4	31.0	35.2	34.0	32.0	33.0
26	46.7	30.2	38.5	39.4	31.0	35.2	34.0	31.9	33.0
27	48.0	30.5	39.3	40.1	31.0	35.6	35.2	33.0	34.1
28	48.0	31.0	39.5	40.5	32.2	36.4	35.0	33.0	34.0
29	47.7	30.2	39.0	40.4	32.1	36.3	35.1	33.0	34.1
30	46.0	30.0	38.0	39.8	32.0	35.9	34.7	33.0	33.9
31	46.0	29.8	37.9	39.4	31.2	35.3	34.7	32.2	33.5
Mean	43.6	28.4	36.0	37.9	30.3	34.1	32.9	30.7	31.8
Abs.Max.	48.0	31.0	39.5	40.5	32.2	36.4	35.2	33.0	34.1
Abs.Min.	39.0	25.0	32.7	35.5	28.8	32.4	30.3	29.0	29.7

**TEL HADYA - DAILY CLIMATIC DATA
AUGUST 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	214	40.0	20.0	30.0	50.5	23.6	11.78	0.0	284.6
2	215	39.0	22.9	31.0	50.0	17.7	11.20	0.0	382.7
3	216	37.8	24.0	30.9	54.0	26.3	13.66	0.0	411.7
4	217	40.0	22.0	31.0	50.0	26.3	12.07	0.0	230.0
5	218	42.0	17.7	29.9	43.5	25.9	12.73	0.0	170.5
6	219	44.2	20.6	32.4	35.0	22.9	13.20	0.0	143.1
7	220	47.6	24.6	36.1	23.0	24.4	14.65	0.0	189.8
8	221	43.8	27.2	35.5	40.5	21.4	15.83	0.0	291.1
9	222	41.6	23.7	32.7	34.5	26.0	17.80	0.0	386.0
10	223	39.5	21.2	30.4	43.5	26.4	16.68	0.0	463.2
11	224	39.0	23.7	31.4	34.0	26.6	14.98	0.0	334.5
12	225	39.8	19.9	29.9	34.5	25.8	14.04	0.0	297.5
13	226	38.8	22.3	30.6	41.5	26.1	15.50	0.0	386.0
14	227	35.8	20.8	28.3	51.0	25.7	13.40	0.0	540.4
15	228	36.2	23.5	29.9	49.0	22.6	12.40	0.0	440.6
16	229	36.0	22.6	29.3	54.0	25.1	12.68	0.0	405.3
17	230	35.2	21.2	28.2	56.5	24.2	11.82	0.0	414.9
18	231	33.0	21.8	27.4	56.5	20.0	10.70	0.0	226.7
19	232	34.0	12.4	23.2	36.5	26.7	10.82	0.0	175.3
20	233	36.0	12.9	24.5	28.5	26.4	12.17	0.0	379.6
21	234	35.2	20.8	28.0	46.5	25.8	12.98	0.0	535.5
22	235	34.6	19.3	27.0	54.0	25.6	12.80	0.0	513.0
23	236	33.7	18.3	26.0	53.0	23.8	12.30	0.0	517.8
24	237	33.2	20.5	26.9	50.5	25.7	13.08	0.0	514.6
25	238	32.2	19.8	26.0	46.5	24.4	14.40	0.0	476.0
26	239	31.6	17.3	24.5	43.5	25.9	15.48	0.0	468.0
27	240	33.7	17.8	25.8	47.0	25.1	12.30	0.0	292.7
28	241	35.4	18.2	26.8	42.0	25.0	13.30	0.0	357.0
29	242	36.7	20.2	28.5	41.0	25.0	12.92	0.0	247.6
30	243	37.6	16.2	26.9	41.5	24.3	12.14	0.0	339.4
31	244	36.6	19.2	27.9	52.5	23.5	11.60	0.0	332.9
Mean/Total		37.4	20.4	28.9	44.7	24.6	13.3	0.0	359.6
Abs. Maximum		47.6	27.2	36.1	56.5	26.7	17.80	0.0	540.4
Abs. Minimum		31.6	12.4	23.2	23.0	17.7	10.7	0.0	143.1

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

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	45.2	30.0	37.6	39.0	31.2	35.1	34.3	32.2	33.3
2	41.8	31.0	36.4	37.0	32.0	34.5	33.2	32.4	32.8
3	44.5	30.0	37.3	38.8	31.4	35.1	34.0	31.6	32.8
4	46.0	30.0	38.0	39.4	31.2	35.3	34.5	32.3	33.4
5	45.8	28.9	37.4	39.1	30.9	35.0	34.5	32.3	33.4
6	45.0	29.4	37.2	38.7	31.0	34.9	34.4	32.2	33.3
7	48.0	30.5	39.3	40.1	31.9	36.0	35.9	32.7	34.3
8	45.4	32.7	39.1	39.5	33.0	36.3	34.7	33.0	33.9
9	45.8	31.5	38.7	39.7	32.5	36.1	35.1	33.5	34.3
10	46.0	30.3	38.2	39.9	31.9	35.9	35.0	32.9	34.0
11	45.2	30.0	37.6	39.3	32.0	35.7	34.6	32.8	33.7
12	45.7	29.5	37.6	39.2	31.8	35.5	34.5	32.7	33.6
13	44.7	30.0	37.4	38.7	31.8	35.3	34.5	32.5	33.5
14	44.0	29.8	36.9	38.2	31.1	34.7	34.1	32.1	33.1
15	43.2	31.0	37.1	38.2	32.1	35.2	34.0	32.2	33.1
16	43.3	30.0	36.7	38.0	31.5	34.8	34.0	32.0	33.0
17	43.4	30.0	36.7	38.9	31.9	35.4	34.1	32.2	33.2
18	40.8	30.0	35.4	36.8	31.7	34.3	33.2	32.1	32.7
19	42.0	24.7	33.4	36.9	28.3	32.6	33.0	31.0	32.0
20	42.7	24.2	33.5	37.0	28.0	32.5	33.0	30.8	31.9
21	42.9	27.9	35.4	37.2	30.0	33.6	33.0	31.0	32.0
22	42.0	28.1	35.1	37.0	30.1	33.6	33.0	31.0	32.0
23	40.5	28.0	34.3	36.0	30.0	33.0	32.2	31.0	31.6
24	41.0	28.0	34.5	36.9	30.0	33.5	33.0	30.1	31.6
25	40.0	27.3	33.7	35.9	29.8	32.9	32.0	30.7	31.4
26	39.0	26.0	32.5	35.0	28.9	32.0	31.9	30.2	31.1
27	41.5	25.8	33.7	36.1	28.0	32.1	32.0	29.9	31.0
28	41.2	26.3	33.8	36.1	28.7	32.4	32.1	30.0	31.1
29	42.0	27.0	34.5	36.5	29.0	32.8	32.2	30.1	31.2
30	41.8	25.5	33.7	36.2	28.4	32.3	31.9	30.1	31.0
31	43.0	26.8	34.9	37.4	29.0	33.2	33.0	30.0	31.5
Mean	43.3	28.7	36.0	37.8	30.6	34.2	33.6	31.6	32.6
Abs.Max.	48.0	32.7	39.3	40.1	33.0	36.3	35.9	33.5	34.3
Abs.Min.	39.0	24.2	32.5	35.0	28.0	32.0	31.9	29.9	31.0

BREDA

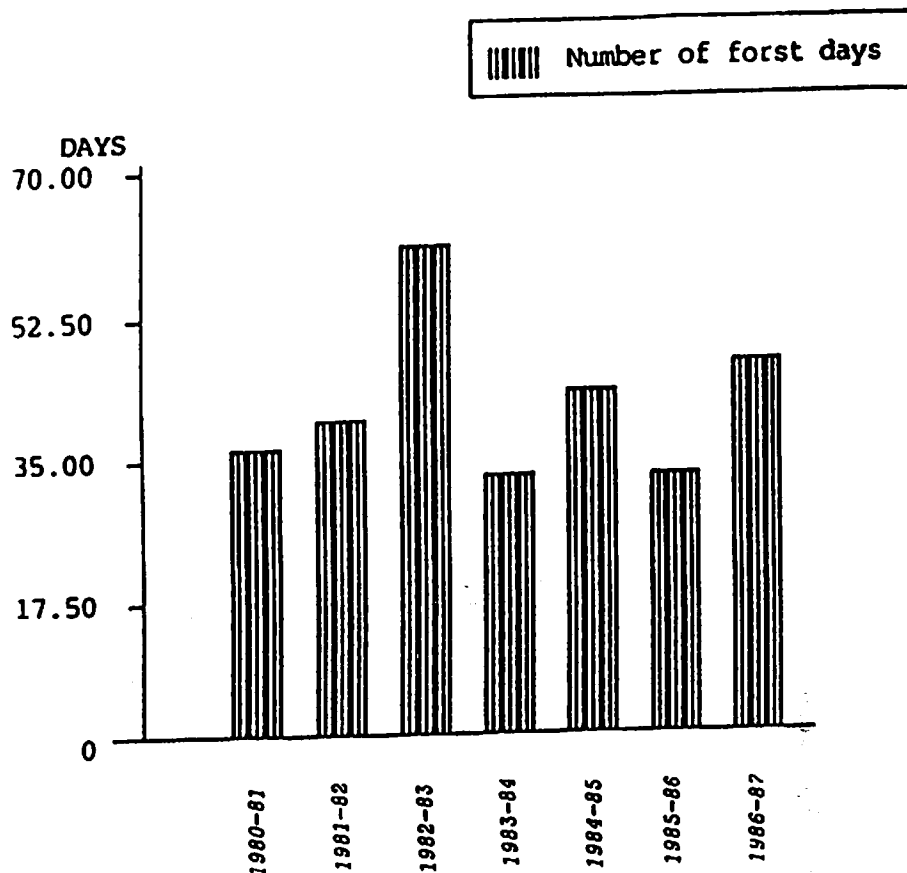
1986-1987 Season

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

**FROST EVENTS AT BREDA
FROM 1980-81 TO 1986-87 SEASON**

	Nov	Dec	Jan	Feb	Mar	Apr	Total
1980-1981 Season							
Number of frost days	8	14	6	6	.	3	37
Absolute Minimum	-6.5	-4.5	-5.0	-2.0		-2.2	-6.5
1981-1982 Season							
Number of frost days	4	.	9	17	9	1	40
Absolute Minimum	-3.0		-6.0	-8.0	-4.8	-1.2	-8.0
1982-1983 Season							
Number of frost days	11	14	16	15	6		62
Absolute Minimum	-4.2	-4.2	-9.8	-4.5	-7.2		-9.8
1983-1984 Season							
Number of frost days	.	10	9	11	2	.	32
Absolute Minimum		-5.0	-3.0	-4.3	-1.0		-5.0
1984-1985 Season							
Number of frost days	1	16	3	12	10		42
Absolute Minimum	0.0	-5.5	-2.8	-8.1	-9.6		-9.6
1985-1986 Season							
Number of frost days	.	14	13	4	3	.	34
Absolute Minimum		-8.0	-6.2	-1.0	-1.4		-8.0
1986-1987 Season							
Number of frost days	14	17	8	.	8	.	47
Absolute Minimum	-4.0	-8.0	-2.0		-2.7		-8.0

Number of frost days at Breda
from 1980-81 season to 1986-87 season



**Total monthly precipitation (mm) , maximum and minimum temperature (°C)
from 1979-80 to 1986-87 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
Mean	0.9	16.3	32.9	39.9	50.9	41.9	37.8	29.8	17.0	2.9	0.9	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
Mean	33.9	26.9	17.7	12.2	10.4	12.6	16.6	23.1	28.9	33.9	36.5	36.9	24.1
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
Mean	15.3	9.8	5.3	1.1	2.3	1.7	3.7	7.5	12.2	16.3	19.7	19.4	9.5

**SUMMARY OF MONTHLY CLIMATIC DATA
BREDA 1986-87 SEASON**

Month	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH (%)	Sol. rad. (MJ/m ²)	Wind Run (km/d)	Evap. (mm)	Prec. (mm)
September								
Mean	35.2	18.3	26.8	40.1	22.5	242.7	11.6	0.0
Abs.Max	42.5	29.0	35.8	50.0	25.0	593.0	16.8	0.0
Abs.Min	31.4	14.0	22.9	24.0	17.0	129.0	8.8	0.0
October								
Mean	26.5	12.5	19.5	48.7	16.2	173.7	6.9	23.0
Abs.Max	30.5	17.0	22.4	68.0	21.0	298.0	13.3	17.0
Abs.Min	20.8	8.5	17.0	32.0	3.0	102.0	3.4	0.0
November								
Mean	15.8	2.4	9.1	69.4	11.6	174.9	2.5	25.4
Abs.Max	21.0	12.0	16.2	81.0	15.0	452.0	5.3	16.4
Abs.Min	10.3	-4.0	3.2	62.0	4.0	87.0	0.1	0.0
December								
Mean	12.4	-0.9	5.8	71.5	9.0	207.1	1.8	33.2
Abs.Max	17.0	7.0	12.0	87.0	13.0	617.0	4.4	9.8
Abs.Min	7.8	-8.0	1.2	62.0	2.0	91.0	0.1	0.0
January								
Mean	12.3	2.7	7.5	80.3	8.6	193.5	1.6	66.8
Abs.Max	16.0	8.4	11.3	91.0	13.0	367.0	3.9	14.0
Abs.Min	8.0	-2.0	4.2	74.0	2.0	78.0	0.4	0.0
February								
Mean	15.5	4.4	9.9	74.0	13.0	251.4	3.4	31.6
Abs.Max	20.0	9.2	13.9	87.0	18.0	555.0	8.0	13.4
Abs.Min	10.0	0.8	7.0	52.0	7.0	94.0	0.5	0.0
March								
Mean	13.6	2.5	8.1	74.1	15.7	229.4	3.2	47.2
Abs.Max	22.0	11.0	15.3	86.0	26.0	489.0	6.2	7.2
Abs.Min	9.0	-2.7	3.9	63.0	7.0	102.0	0.7	0.0
April								
Mean	22.7	6.7	14.7	65.4	23.2	220.0	6.6	17.4
Abs.Max	30.2	15.5	20.0	74.0	31.0	405.0	9.7	7.4
Abs.Min	17.2	2.1	10.5	51.0	14.0	118.0	4.2	0.0
May								
Mean	29.9	11.3	20.6	55.7	27.2	222.4	11.2	0.0
Abs.Max	38.5	18.0	27.7	67.0	31.0	382.0	17.7	0.0
Abs.Min	20.0	4.8	12.7	41.0	15.0	123.0	6.2	0.0
June								
Mean	34.2	16.5	25.4	53.8	30.9	321.0	15.7	0.0
Abs.Max	39.0	20.0	29.5	63.0	32.0	499.0	21.2	0.0
Abs.Min	27.6	11.2	19.4	40.0	24.0	197.0	6.2	0.0
July								
Mean	38.5	20.8	29.6	52.0	29.3	338.1	17.3	0.0
Abs.Max	43.8	24.4	34.1	63.0	32.0	611.0	19.5	0.0
Abs.Min	32.0	17.0	25.1	39.0	26.0	164.0	13.3	0.0
August								
Mean	37.8	20.6	29.2	42.5	27.1	298.3	15.1	0.0
Abs.Max	47.0	28.8	37.7	49.0	28.0	434.0	20.3	0.0
Abs.Min	32.2	15.0	25.0	28.0	21.0	176.0	11.5	0.0
Annual Summary								
Mean	24.6	9.8	17.2	60.5	19.2	239.3	8.1	244.6
Abs.Max	47.0	29.0	37.7	91.0	32.0	617.0	21.2	17.0
Abs.Min	7.8	-8.0	1.2	24.0	2.0	78.0	0.1	0.0

**SUMMARY OF WEEKLY CLIMATIC DATA
BREDA 1986-87 SEASON**

Week			Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH (%)	Sol. rad. (MJ/m ²)	Wind Run (km/d)	Evap. (mm)	Prec. (mm)
03	Sep-09	Sep	35.2	21.8	28.5	46.6	24.0	317.1	11.2	0.0
10	Sep-16	Sep	35.3	17.5	26.4	43.6	24.0	200.9	10.9	0.0
17	Sep-23	Sep	35.8	15.3	25.6	34.4	21.7	200.3	12.6	0.0
24	Sep-30	Sep	33.4	16.4	24.9	35.9	20.2	218.8	10.7	0.0
01	Oct-07	Oct	24.9	13.3	19.1	43.2	17.0	191.6	7.1	17.0
08	Oct-14	Oct	27.4	13.2	20.3	46.7	18.2	180.5	8.5	0.0
15	Oct-21	Oct	27.2	12.0	19.6	46.3	16.2	168.9	6.4	0.0
22	Oct-28	Oct	26.5	11.0	18.8	55.4	15.8	149.4	6.2	0.0
29	Oct-04	Nov	22.4	11.4	16.9	65.4	10.1	160.9	3.0	12.8
05	Nov-11	Nov	15.3	5.9	10.6	72.3	11.4	215.7	3.2	18.6
12	Nov-18	Nov	16.2	0.2	8.2	68.2	13.7	119.1	2.3	0.0
19	Nov-25	Nov	16.2	0.1	8.2	67.8	12.4	166.2	3.0	0.0
26	Nov-02	Dec	12.0	-3.6	4.2	65.5	9.9	204.5	2.1	0.0
03	Dec-09	Dec	14.0	-5.3	4.4	64.9	11.6	134.2	1.8	0.0
10	Dec-16	Dec	12.0	-4.8	3.6	68.2	10.6	107.1	1.5	0.0
17	Dec-23	Dec	12.7	3.9	8.3	78.2	6.7	353.1	2.1	14.2
24	Dec-31	Dec	11.5	4.0	7.7	76.2	6.5	249.5	1.7	19.0
01	Jan-07	Jan	10.3	3.7	7.0	79.4	5.6	230.5	1.6	32.4
08	Jan-14	Jan	12.1	2.7	7.4	79.2	10.1	215.5	1.7	1.0
15	Jan-21	Jan	14.2	-0.1	7.0	77.4	11.5	115.1	1.5	0.0
22	Jan-28	Jan	11.8	3.2	7.5	83.7	7.0	218.8	1.9	33.4
29	Jan-04	Feb	15.3	4.4	9.8	82.6	10.1	181.9	1.9	11.4
05	Feb-11	Feb	14.1	3.1	8.6	76.9	13.1	273.4	3.2	1.0
12	Feb-18	Feb	16.8	5.2	11.0	68.4	13.5	286.6	4.2	15.4
19	Feb-25	Feb	16.7	5.0	10.9	69.5	14.1	258.8	3.8	2.8
26	Feb-04	Mar	12.3	3.6	8.0	79.0	11.7	196.4	2.5	4.0
05	Mar-11	Mar	11.7	3.6	7.7	79.2	10.4	340.1	3.1	21.4
12	Mar-18	Mar	11.1	1.1	6.1	78.6	13.3	263.3	2.1	13.2
19	Mar-25	Mar	15.5	2.1	8.8	66.2	19.5	173.6	3.8	8.6
26	Mar-01	Apr	18.8	3.7	11.2	69.3	22.3	171.4	4.9	1.0
02	Apr-08	Apr	20.8	5.3	13.1	69.7	22.6	218.8	5.7	7.4
09	Apr-15	Apr	22.8	9.6	16.2	68.8	21.8	205.8	5.6	6.2
16	Apr-22	Apr	22.2	5.6	13.9	65.4	23.0	233.3	7.2	0.0
23	Apr-29	Apr	23.9	6.4	15.2	58.1	24.3	203.2	7.4	3.8
30	Apr-06	May	25.7	6.5	16.1	59.8	26.9	196.4	8.2	0.0
07	May-13	May	27.3	10.4	18.9	57.9	25.5	225.5	8.7	0.0
14	May-20	May	35.4	13.7	24.5	44.6	30.1	195.0	13.9	0.0
21	May-27	May	29.6	11.4	20.5	61.3	27.4	280.1	12.8	0.0
28	May-03	Jun	31.3	15.5	23.4	57.0	26.6	282.1	14.5	0.0
04	Jun-10	Jun	32.5	14.2	23.3	52.9	31.7	289.3	13.8	0.0
11	Jun-17	Jun	35.3	17.1	26.2	52.4	30.5	277.0	15.5	0.0
18	Jun-24	Jun	34.7	17.8	26.3	53.4	31.3	411.9	16.8	0.0
25	Jun-01	Jul	36.8	17.7	27.3	53.0	31.5	283.8	15.8	0.0
02	Jul-08	Jul	33.8	20.2	27.0	60.5	29.8	478.7	17.2	0.0
09	Jul-15	Jul	36.4	19.9	28.1	54.3	30.3	366.7	18.3	0.0
16	Jul-22	Jul	39.9	20.7	30.3	52.4	29.5	306.7	16.9	0.0
23	Jul-29	Jul	42.8	22.5	32.7	45.3	28.1	234.1	17.7	0.0
30	Jul-05	Aug	40.1	22.0	31.1	45.6	26.1	270.8	15.9	0.0
06	Aug-12	Aug	42.7	24.1	33.4	38.7	m	255.1	17.8	0.0
13	Aug-19	Aug	36.1	20.5	28.3	43.5	m	313.4	14.6	0.0
20	Aug-26	Aug	34.1	17.7	25.9	43.3	27.9	360.9	13.6	0.0
27	Aug-02	Sep	36.3	17.9	27.1	40.0	27.3	260.3	13.3	0.0

**BREDA - DAILY CLIMATIC DATA
SEPTEMBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	245	42.5	29.0	35.8	36.5	19.7	15.92	0.0	387.6
2	246	35.9	24.0	30.0	42.8	24.4	13.26	0.0	333.2
3	247	34.0	21.5	27.8	48.3	24.7	11.49	0.0	279.2
4	248	34.9	21.5	28.2	48.1	24.9	9.72	0.0	278.7
5	249	34.0	21.3	27.7	48.5	25.1	9.72	0.0	319.9
6	250	34.7	20.3	27.5	50.0	25.2	9.72	0.0	204.6
7	251	36.2	20.5	28.4	42.0	21.5	10.61	0.0	192.4
8	252	38.9	24.8	31.9	42.0	22.5	15.03	0.0	592.7
9	253	34.0	22.5	28.3	47.0	24.5	12.38	0.0	352.1
10	254	33.1	17.9	25.5	47.9	24.4	14.14	0.0	223.3
11	255	34.6	19.6	27.1	46.0	23.8	9.72	0.0	128.7
12	256	38.0	17.8	27.9	38.0	23.7	10.61	0.0	181.5
13	257	35.1	19.1	27.1	45.9	24.1	11.49	0.0	266.2
14	258	34.0	16.0	25.0	47.5	24.1	11.49	0.0	283.8
15	259	35.2	16.8	26.0	41.1	25.1	9.72	0.0	191.8
16	260	37.0	15.0	26.0	38.6	22.7	8.84	0.0	130.9
17	261	38.0	14.8	26.4	25.5	23.9	9.72	0.0	143.4
18	262	40.0	14.0	27.0	23.6	23.4	13.26	0.0	204.3
19	263	38.0	15.6	26.8	31.3	22.8	12.38	0.0	265.1
20	264	35.2	16.0	25.6	42.6	22.6	9.72	0.0	323.7
21	265	35.0	17.0	26.0	36.0	16.9	9.72	0.0	143.2
22	266	32.0	15.8	23.9	39.2	20.1	16.80	0.0	179.4
23	267	32.6	14.0	23.3	42.5	22.5	16.80	0.0	143.0
24	268	34.8	14.0	24.4	31.0	21.4	9.72	0.0	173.3
25	269	35.2	17.0	26.1	31.0	20.1	8.84	0.0	148.2
26	270	33.0	18.8	25.9	38.0	18.5	9.72	0.0	243.4
27	271	32.2	17.4	24.8	43.0	21.1	8.84	0.0	271.2
28	272	34.0	17.0	25.5	42.5	21.1	9.72	0.0	200.2
29	273	33.0	16.0	24.5	37.5	19.5	11.49	0.0	221.6
30	274	31.4	14.4	22.9	28.0	19.7	16.80	0.0	274.0
Mean/Total		35.2	18.3	26.8	40.1	22.5	11.58	0.0	242.7
Abs.Maximum		42.5	29.0	35.8	50.0	25.2	16.80	0.0	592.7
Abs.Minimum		31.4	14.0	22.9	23.6	16.9	8.84	0.0	128.7

**BREDA - DAILY SOIL TEMPERATURE
SEPTEMBER 1986**

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	39.9	30.0	35.0	36.0	30.2	33.1	32.0	31.0	31.5
2	39.5	28.2	33.9	35.5	29.2	32.4	31.5	30.9	31.2
3	39.5	26.2	32.9	35.2	27.9	31.6	31.0	30.0	30.5
4	40.0	26.0	33.0	35.6	27.4	31.5	30.9	29.9	30.4
5	39.2	26.0	32.6	35.0	27.4	31.2	30.7	29.5	30.1
6	40.0	25.6	32.8	35.1	27.0	31.1	30.2	29.2	29.7
7	39.7	25.3	32.5	35.0	27.0	31.0	30.4	29.2	29.8
8	38.5	27.1	32.8	34.4	28.0	31.2	30.2	29.6	29.9
9	39.0	26.0	32.5	34.1	27.1	30.6	30.0	29.0	29.5
10	38.2	23.9	31.1	33.8	25.8	29.8	29.8	28.6	29.2
11	40.0	24.0	32.0	34.9	25.9	30.4	30.0	28.4	29.2
12	41.0	25.0	33.0	35.2	26.6	30.9	30.1	29.0	29.6
13	40.2	26.0	33.1	35.0	27.0	31.0	30.0	29.0	29.5
14	38.7	24.0	31.4	33.8	26.0	29.9	30.0	28.5	29.3
15	39.3	23.9	31.6	34.0	25.4	29.7	29.1	28.0	28.6
16	40.0	23.8	31.9	34.2	25.4	29.8	29.3	28.0	28.7
17	40.1	22.7	31.4	34.4	25.0	29.7	29.2	28.0	28.6
18	39.4	22.6	31.0	34.0	24.8	29.4	29.2	28.0	28.6
19	39.8	23.0	31.4	34.0	25.0	29.5	29.1	28.0	28.6
20	38.3	23.0	30.7	33.2	25.0	29.1	29.0	27.8	28.4
21	37.0	24.2	30.6	32.3	25.9	29.1	29.0	28.0	28.5
22	36.2	23.0	29.6	32.0	25.0	28.5	28.4	27.4	27.9
23	37.1	21.9	29.5	32.1	23.9	28.0	28.0	26.9	27.5
24	37.0	21.8	29.4	32.0	23.8	27.9	28.0	26.9	27.5
25	37.2	23.0	30.1	32.5	24.6	28.6	28.0	27.0	27.5
26	36.3	23.8	30.1	32.0	25.0	28.5	28.0	27.0	27.5
27	37.0	23.0	30.0	32.0	25.0	28.5	28.0	27.0	27.5
28	37.2	23.0	30.1	32.2	24.6	28.4	27.8	26.8	27.3
29	36.2	22.8	29.5	31.5	24.5	28.0	27.6	26.8	27.2
30	35.6	22.0	28.8	31.0	24.0	27.5	27.6	26.2	26.9
Mean	38.6	24.4	31.5	33.7	26.0	29.9	29.4	28.3	28.9
Abs.Max.	41.0	30.0	35.0	36.0	30.2	33.1	32.0	31.0	31.5
Abs.Min.	35.6	21.8	28.8	31.0	23.8	27.5	27.6	26.2	26.9

**BREDA - DAILY CLIMATIC DATA
OCTOBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	275	25.0	15.0	20.0	49.5	11.7	9.93	17.0	271.2
2	276	20.8	15.4	18.1	49.5	14.8	3.54	0.0	196.8
3	277	23.0	12.8	17.9	45.2	14.9	3.54	0.0	165.4
4	278	24.0	12.0	18.0	44.5	16.7	4.42	0.0	204.6
5	279	26.0	10.2	18.1	41.0	20.8	6.19	0.0	105.2
6	280	28.0	11.0	19.5	39.0	20.2	9.72	0.0	185.2
7	281	27.3	17.0	22.2	33.6	19.6	12.38	0.0	212.8
8	282	29.2	12.5	20.9	31.7	18.3	13.26	0.0	265.3
9	283	28.8	16.0	22.4	45.1	18.3	11.49	0.0	186.3
10	284	28.0	13.6	20.8	49.5	17.5	9.72	0.0	160.3
11	285	27.0	13.0	20.0	50.5	18.8	7.07	0.0	173.1
12	286	26.6	11.0	18.8	50.0	18.9	6.19	0.0	130.6
13	287	27.1	11.0	19.1	48.9	17.8	4.42	0.0	177.2
14	288	25.1	15.0	20.1	51.3	18.1	7.07	0.0	170.9
15	289	27.0	10.2	18.6	45.5	18.2	6.19	0.0	112.0
16	290	29.5	11.9	20.7	38.0	17.9	6.19	0.0	101.7
17	291	30.5	12.9	21.7	42.0	16.9	6.19	0.0	106.5
18	292	27.0	14.8	20.9	50.6	12.9	8.84	0.0	297.5
19	293	25.0	11.4	18.2	52.5	15.2	6.19	0.0	199.5
20	294	24.2	12.0	18.1	52.3	17.3	5.30	0.0	135.0
21	295	27.1	11.1	19.1	43.5	14.7	6.19	0.0	229.8
22	296	25.0	15.8	20.4	55.0	14.5	6.19	0.0	243.2
23	297	24.0	12.0	18.0	60.7	15.5	6.19	0.0	151.4
24	298	24.0	10.0	17.0	64.2	17.1	4.42	0.0	103.7
25	299	26.5	8.5	17.5	56.0	17.1	5.30	0.0	120.7
26	300	28.4	9.0	18.7	51.0	16.7	7.07	0.0	147.6
27	301	28.8	11.0	19.9	50.0	14.7	7.07	0.0	155.4
28	302	29.0	10.8	19.9	50.9	15.2	7.07	0.0	123.6
29	303	29.1	13.0	21.1	48.5	12.9	7.07	0.0	139.4
30	304	30.0	13.8	21.9	51.6	15.0	6.19	0.0	179.8
31	305	20.8	14.0	17.4	67.6	2.6	3.35	6.0	234.5
Mean/Total		26.5	12.5	19.5	48.7	16.1	6.90	23.0	173.7
Abs.Maximum		30.5	17.0	22.4	67.6	20.8	13.26	17.0	297.5
Abs.Minimum		20.8	8.5	17.0	31.7	2.6	3.35	0.0	101.7

**BREDA - DAILY SOIL TEMPERATURE
OCTOBER 1986**

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	29.0	19.4	24.2	27.0	23.1	25.1	27.0	25.2	26.1
2	22.0	17.0	19.5	21.2	18.8	20.0	25.2	23.0	24.1
3	23.9	15.0	19.5	22.2	16.9	19.6	22.8	21.8	22.3
4	25.0	14.8	19.9	23.0	16.2	19.6	22.0	21.0	21.5
5	28.5	14.0	21.3	25.0	16.0	20.5	22.5	21.0	21.8
6	29.0	15.0	22.0	25.7	16.5	21.1	23.0	21.2	22.1
7	28.0	16.9	22.5	25.2	18.0	21.6	23.0	22.0	22.5
8	28.2	16.0	22.1	25.8	17.9	21.9	23.2	22.0	22.6
9	29.8	19.0	24.4	26.8	20.0	23.4	23.8	22.8	23.3
10	29.0	18.0	23.5	26.0	19.2	22.6	23.7	22.5	23.1
11	28.5	17.8	23.2	25.6	19.0	22.3	23.3	22.2	22.8
12	28.0	16.4	22.2	25.0	18.0	21.5	23.0	22.0	22.5
13	28.0	16.6	22.3	25.0	18.0	21.5	22.9	21.7	22.3
14	27.8	18.2	23.0	24.5	19.1	21.8	22.8	22.0	22.4
15	27.0	15.6	21.3	24.0	17.0	20.5	22.7	21.1	21.9
16	27.8	16.0	21.9	24.8	17.8	21.3	22.3	21.1	21.7
17	27.8	16.5	22.2	24.8	18.0	21.4	22.2	21.2	21.7
18	25.2	17.8	21.5	23.0	18.7	20.9	22.2	21.2	21.7
19	26.1	15.3	20.7	23.0	17.0	20.0	21.5	20.7	21.1
20	27.0	16.4	21.7	23.8	17.9	20.9	21.6	20.6	21.1
21	25.2	16.0	20.6	23.0	17.5	20.3	21.5	20.5	21.0
22	26.5	18.0	22.3	23.3	18.8	21.1	21.8	20.9	21.4
23	26.5	17.0	21.8	23.2	18.1	20.7	21.5	20.7	21.1
24	26.5	15.1	20.8	23.0	17.0	20.0	21.2	20.1	20.7
25	26.0	14.6	20.3	22.7	16.3	19.5	21.0	20.0	20.5
26	26.0	14.5	20.3	22.8	16.2	19.5	21.0	19.9	20.5
27	25.5	15.5	20.5	22.8	17.0	19.9	21.0	20.0	20.5
28	26.1	15.0	20.6	22.9	16.9	19.9	21.0	20.0	20.5
29	27.0	16.5	21.8	23.3	17.9	20.6	21.2	20.2	20.7
30	28.0	17.2	22.6	24.2	18.6	21.4	21.9	20.9	21.4
31	20.8	16.0	18.4	21.4	17.0	19.2	21.8	19.6	20.7
Mean	26.8	16.4	21.6	24.0	17.9	20.9	22.4	21.3	21.9
Abs.Max.	29.8	19.4	24.4	27.0	23.1	25.1	27.0	25.2	26.1
Abs.Min.	20.8	14.0	18.4	21.2	16.0	19.2	21.0	19.6	20.5

**BREDA - DAILY CLIMATIC DATA
NOVEMBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	306	21.0	11.3	16.2	73.0	11.2	2.26	5.8	198.0
2	307	20.0	12.0	16.0	72.5	8.2	0.12	1.0	192.2
3	308	17.2	9.5	13.4	73.4	9.1	0.88	0.0	95.3
4	309	18.5	6.3	12.4	71.0	12.0	0.88	0.0	87.3
5	310	20.8	7.2	14.0	64.5	14.2	2.65	0.0	108.3
6	311	15.9	10.9	13.4	80.5	4.3	3.14	16.4	196.9
7	312	17.2	9.0	13.1	76.0	13.6	4.54	1.0	209.0
8	313	15.0	7.8	11.4	79.5	5.2	2.08	1.2	364.7
9	314	13.0	4.2	8.6	71.5	14.0	2.65	0.0	199.8
10	315	13.0	2.0	7.5	68.5	14.7	4.42	0.0	248.4
11	316	12.3	0.0	6.2	65.5	13.6	2.65	0.0	183.1
12	317	14.0	3.0	8.5	61.6	14.5	2.65	0.0	154.4
13	318	15.1	-2.1	6.5	65.5	14.3	2.65	0.0	99.0
14	319	18.1	-1.0	8.6	75.0	14.0	2.21	0.0	141.0
15	320	17.0	0.5	8.8	74.5	12.4	0.44	0.0	94.9
16	321	17.5	0.0	8.8	66.0	13.9	1.77	0.0	146.2
17	322	15.5	-1.2	7.2	67.5	13.6	4.42	0.0	100.5
18	323	16.0	2.1	9.1	67.2	13.2	1.77	0.0	97.5
19	324	16.0	1.5	8.8	68.0	12.5	2.65	0.0	109.2
20	325	17.0	-2.0	7.5	68.8	13.1	4.42	0.0	289.9
21	326	16.2	6.0	11.1	66.0	11.8	5.30	0.0	357.9
22	327	15.8	1.8	8.8	66.5	12.6	2.65	0.0	105.1
23	328	16.0	-1.6	7.2	69.9	12.5	2.21	0.0	101.8
24	329	16.4	-2.8	6.8	67.1	12.9	2.21	0.0	100.3
25	330	16.0	-2.2	6.9	68.4	11.5	1.77	0.0	99.0
26	331	15.0	-3.0	6.0	69.0	11.8	1.77	0.0	105.3
27	332	13.2	-1.0	6.1	68.4	6.2	2.65	0.0	221.4
28	333	12.9	-1.0	6.0	70.0	8.9	1.77	0.0	452.2
29	334	12.0	-2.0	5.0	63.2	7.3	2.12	0.0	204.9
30	335	10.3	-4.0	3.2	62.0	10.8	2.12	0.0	184.2
Mean/Total		15.8	2.4	9.1	69.3	11.6	2.46	25.4	174.9
Abs.Maximum		21.0	12.0	16.2	80.5	14.7	5.30	16.4	452.2
Abs.Minimum		10.3	-4.0	3.2	61.6	4.3	0.12	0.0	87.3

**BREDA - DAILY SOIL TEMPERATURE
NOVEMBER 1986**

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	22.8	14.1	18.5	20.0	15.8	17.9	19.6	18.9	19.3
2	19.5	14.0	16.8	18.1	15.5	16.8	19.0	18.0	18.5
3	18.3	11.9	15.1	17.5	13.7	15.6	18.0	17.0	17.5
4	19.0	9.8	14.4	17.0	11.8	14.4	17.1	16.0	16.6
5	21.1	9.7	15.4	18.0	11.5	14.8	17.0	16.0	16.5
6	15.3	11.8	13.6	15.0	13.0	14.0	17.0	15.8	16.4
7	18.4	10.3	14.4	16.5	11.5	14.0	15.9	15.0	15.5
8	12.9	9.1	11.0	13.0	10.2	11.6	15.3	14.0	14.7
9	14.3	7.1	10.7	12.7	8.5	10.6	14.0	13.0	13.5
10	13.4	6.0	9.7	11.7	7.3	9.5	13.0	12.0	12.5
11	13.1	3.5	8.3	11.0	5.0	8.0	12.1	11.0	11.6
12	13.8	4.2	9.0	11.5	5.9	8.7	11.9	10.9	11.4
13	14.0	3.0	8.5	11.0	4.8	7.9	11.6	10.0	10.8
14	14.0	3.0	8.5	11.5	4.5	8.0	11.1	9.8	10.5
15	14.8	4.9	9.9	12.0	6.0	9.0	11.7	10.1	10.9
16	14.3	4.1	9.2	11.9	5.8	8.9	11.3	10.1	10.7
17	13.3	3.7	8.5	11.0	5.0	8.0	11.1	10.0	10.6
18	15.0	5.0	10.0	12.0	6.0	9.0	11.1	10.0	10.6
19	14.2	5.2	9.7	12.0	6.1	9.1	11.0	10.0	10.5
20	14.0	3.8	8.9	11.4	5.1	8.3	11.0	10.0	10.5
21	12.9	6.1	9.5	11.1	7.0	9.1	11.0	10.0	10.5
22	14.9	6.0	10.5	12.0	7.0	9.5	11.0	10.0	10.5
23	13.4	3.6	8.5	10.7	5.0	7.9	10.9	9.1	10.0
24	13.2	2.9	8.1	10.2	4.0	7.1	10.0	8.8	9.4
25	12.0	2.8	7.4	9.5	4.0	6.8	9.6	8.2	8.9
26	12.0	2.2	7.1	9.4	3.6	6.5	9.0	8.0	8.5
27	12.6	6.0	9.3	10.0	6.0	8.0	11.0	10.0	10.5
28	13.0	6.8	9.9	10.5	6.7	8.6	10.8	9.8	10.3
29	14.0	9.8	11.9	11.7	7.5	9.6	11.0	10.6	10.8
30	13.0	5.0	9.0	9.9	5.0	7.5	10.7	9.2	10.0
Mean	14.9	6.5	10.7	12.7	7.6	10.1	12.8	11.7	12.3
Abs.Max.	22.8	14.1	18.5	20.0	15.8	17.9	19.6	18.9	19.3
Abs.Min.	12.0	2.2	7.1	9.4	3.6	6.5	9.0	8.0	8.5

**BREDA - DAILY CLIMATIC DATA
DECEMBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	336	9.8	-7.5	1.2	61.5	12.6	2.12	0.0	149.4
2	337	10.6	-7.0	1.8	64.5	11.9	2.12	0.0	114.1
3	338	12.0	-7.0	2.5	63.5	12.0	2.12	0.0	117.0
4	339	11.8	-6.8	2.5	64.5	10.3	2.06	0.0	129.4
5	340	15.2	-7.0	4.1	63.3	11.9	2.06	0.0	132.3
6	341	16.3	-4.0	6.2	69.0	11.8	2.06	0.0	116.5
7	342	15.0	-1.8	6.6	62.9	12.0	1.47	0.0	134.5
8	343	15.0	-6.0	4.5	64.1	12.0	1.47	0.0	185.2
9	344	13.0	-4.4	4.3	67.0	11.6	1.47	0.0	124.8
10	345	13.3	-5.3	4.0	71.0	11.5	1.47	0.0	123.9
11	346	13.0	-5.0	4.0	73.2	11.2	1.47	0.0	101.5
12	347	12.0	-8.0	2.0	69.1	11.5	1.47	0.0	109.2
13	348	10.8	-6.0	2.4	62.5	10.8	1.47	0.0	111.9
14	349	11.0	-4.3	3.4	65.2	9.8	1.47	0.0	107.4
15	350	11.8	-4.0	3.9	68.1	8.7	1.47	0.0	90.7
16	351	12.0	-1.2	5.4	68.6	10.4	1.77	0.0	105.3
17	352	13.0	-4.0	4.5	75.0	7.9	4.42	0.0	617.4
18	353	10.2	5.6	7.9	80.7	4.1	1.88	1.0	542.7
19	354	7.8	5.5	6.7	86.5	2.1	1.70	7.0	421.0
20	355	12.2	3.0	7.6	80.5	3.9	0.55	3.2	327.7
21	356	15.0	5.2	10.1	74.5	8.6	3.88	3.0	232.4
22	357	14.0	5.0	9.5	77.0	9.0	0.88	0.0	154.5
23	358	17.0	7.0	12.0	73.0	10.9	1.33	0.0	176.2
24	359	12.1	4.5	8.3	81.5	5.3	1.33	0.0	184.5
25	360	12.0	4.6	8.3	79.5	7.5	0.88	0.0	140.6
26	361	13.5	6.3	9.9	77.5	6.9	4.00	4.0	262.9
27	362	12.5	6.0	9.3	75.4	5.9	2.12	3.0	324.9
28	363	11.0	4.0	7.5	76.3	3.3	0.12	1.0	427.3
29	364	9.2	4.8	7.0	79.7	1.8	1.84	9.8	234.1
30	365	9.0	1.2	5.1	67.5	11.2	1.48	0.0	241.3
31	366	12.8	0.2	6.5	72.5	10.2	1.48	1.2	180.6
Mean/Total		12.4	-0.9	5.8	71.5	9.0	1.79	33.2	207.1
Abs. Maximum		17.0	7.0	12.0	86.5	12.6	4.42	9.8	617.4
Abs. Minimum		7.8	-8.0	1.2	61.5	1.8	0.12	0.0	90.7

**BREDA - DAILY SOIL TEMPERATURE
DECEMBER 1986**

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	11.5	2.1	6.8	8.3	3.0	5.7	9.7	8.0	8.9
2	11.8	2.7	7.3	8.2	3.0	5.6	8.8	7.8	8.3
3	12.0	1.6	6.8	8.1	2.0	5.1	8.1	7.1	7.6
4	12.4	2.0	7.2	10.2	2.2	6.2	9.8	7.0	8.4
5	14.0	3.0	8.5	11.0	4.8	7.9	9.9	8.5	9.2
6	15.6	4.9	10.3	12.4	6.0	9.2	10.3	9.0	9.7
7	15.2	5.4	10.3	12.8	6.8	9.8	10.8	9.5	10.2
8	14.8	4.7	9.8	12.0	6.0	9.0	10.6	9.2	9.9
9	14.0	4.8	9.4	11.4	6.0	8.7	10.2	9.1	9.7
10	14.0	4.0	9.0	11.2	5.7	8.5	10.0	9.0	9.5
11	12.0	3.5	7.8	11.0	5.7	8.4	10.0	9.0	9.5
12	10.0	0.5	5.3	10.2	5.0	7.6	9.7	8.3	9.0
13	9.9	0.9	5.4	10.0	5.0	7.5	9.2	8.2	8.7
14	10.2	1.6	5.9	10.3	5.5	7.9	9.1	8.0	8.6
15	10.0	2.0	6.0	10.4	6.0	8.2	9.2	8.6	8.9
16	12.0	4.0	8.0	12.0	7.4	9.7	10.0	9.0	9.5
17	9.7	2.3	6.0	10.3	6.1	8.2	10.0	9.0	9.5
18	10.0	7.2	8.6	11.3	9.9	10.6	10.2	9.8	10.0
19	8.2	5.6	6.9	10.7	9.0	9.9	10.1	9.9	10.0
20	9.2	4.2	6.7	10.6	8.0	9.3	10.0	9.0	9.5
21	m	m	m	m	m	m	m	m	m
22	m	m	m	m	m	m	m	m	m
23	m	m	m	m	m	m	m	m	m
24	m	m	m	m	m	m	m	m	m
25	12.2	m	m	12.9	m	m	m	11.0	m
26	12.2	8.0	10.1	12.8	10.2	11.5	11.5	11.0	11.3
27	11.0	6.0	8.5	12.0	9.0	10.5	11.4	11.0	11.2
28	9.0	4.9	7.0	10.5	8.0	9.3	11.0	10.0	10.5
29	8.0	5.6	6.8	9.8	8.2	9.0	10.4	9.7	10.1
30	8.0	3.6	5.8	9.2	7.0	8.1	10.0	9.0	9.5
31	12.0	2.5	7.3	11.0	6.0	8.5	9.8	8.0	8.9
Mean	11.4	3.8	7.6	10.8	6.2	8.4	9.9	9.0	9.5
Abs.Max.	15.6	8.0	10.3	12.9	10.2	11.5	11.5	11.0	11.3
Abs.Min.	8.0	0.5	5.3	8.1	2.0	5.1	8.1	7.0	7.6

**BREDA - DAILY CLIMATIC DATA
JANUARY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	1	9.0	7.0	8.0	84.4	2.1	3.39	14.0	188.7
2	2	10.3	1.9	6.1	77.1	7.7	1.32	2.2	185.4
3	3	9.2	-0.8	4.2	80.0	7.1	0.86	4.4	264.3
4	4	10.0	6.7	8.4	82.0	3.7	1.18	5.6	140.9
5	5	11.2	5.0	8.1	79.0	6.6	1.32	2.2	276.3
6	6	9.0	3.3	6.2	79.2	4.2	1.12	2.0	190.7
7	7	13.3	3.0	8.2	74.0	8.2	2.00	2.0	367.2
8	8	14.2	8.4	11.3	82.5	4.7	0.44	0.0	237.7
9	9	13.0	6.5	9.8	81.0	7.6	2.33	1.0	364.2
10	10	12.0	0.7	6.4	74.7	11.8	2.21	0.0	249.3
11	11	11.0	-0.4	5.3	79.3	12.1	2.21	0.0	192.5
12	12	10.6	3.0	6.8	74.9	10.5	2.65	0.0	277.0
13	13	11.8	2.0	6.9	79.0	11.9	0.88	0.0	99.1
14	14	12.2	-1.1	5.5	82.7	12.1	0.88	0.0	89.0
15	15	13.5	-1.5	6.0	81.4	11.8	0.88	0.0	77.7
16	16	12.2	-1.3	5.5	83.1	10.2	0.88	0.0	93.8
17	17	13.9	-2.0	6.0	79.6	12.3	1.77	0.0	111.7
18	18	15.0	0.2	7.6	76.5	13.1	1.77	0.0	166.6
19	19	15.5	-1.0	7.3	73.7	12.5	2.65	0.0	145.7
20	20	15.0	1.9	8.5	73.9	10.9	0.88	0.0	112.2
21	21	14.2	3.0	8.6	73.7	9.4	1.77	0.0	97.9
22	22	16.0	0.9	8.5	73.9	12.5	2.48	1.6	136.4
23	23	9.8	4.0	6.9	90.7	3.6	1.18	5.6	141.6
24	24	11.5	4.0	7.8	86.0	7.2	1.18	5.6	218.3
25	25	12.4	4.8	8.6	84.5	7.6	3.88	13.6	336.0
26	26	8.0	2.0	5.0	81.5	6.9	1.38	0.0	307.8
27	27	11.6	-1.0	5.3	83.0	8.5	1.38	1.0	176.3
28	28	13.0	7.9	10.5	86.0	2.8	1.58	6.0	215.4
29	29	14.0	6.4	10.2	85.0	5.0	0.44	0.0	201.9
30	30	14.7	3.9	9.3	83.5	9.4	1.33	0.0	237.7
31	31	15.1	5.0	10.1	83.5	12.6	1.77	0.0	97.9
Mean/Total		12.3	2.7	7.5	80.3	8.6	1.61	66.8	193.5
Abs.Maximum		16.0	8.4	11.3	90.7	13.1	3.88	14.0	367.2
Abs.Minimum		8.0	-2.0	4.2	73.7	2.1	0.44	0.0	77.7

**BREDA - DAILY SOIL TEMPERATURE
JANUARY 1987**

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	9.0	7.8	8.4	10.8	10.0	10.4	10.0	9.8	9.9
2	11.0	5.0	8.0	11.8	9.0	10.4	10.6	10.0	10.3
3	9.0	3.0	6.0	10.0	6.8	8.4	10.0	8.6	9.3
4	10.0	6.8	8.4	11.0	9.0	10.0	10.0	9.0	9.5
5	11.8	7.0	9.4	12.2	10.0	11.1	10.5	9.9	10.2
6	9.0	5.5	7.3	10.5	9.0	9.8	10.3	9.8	10.1
7	10.2	3.8	7.0	11.0	7.0	9.0	9.8	8.8	9.3
8	11.2	7.8	9.5	12.0	10.0	11.0	10.3	9.8	10.1
9	10.8	6.2	8.5	11.6	9.6	10.6	10.3	10.0	10.2
10	11.0	3.5	7.3	11.9	8.5	10.2	10.1	9.8	10.0
11	11.2	2.0	6.6	11.0	6.6	8.8	9.8	8.2	9.0
12	9.7	2.9	6.3	10.0	7.0	8.5	9.2	8.2	8.7
13	12.2	4.0	8.1	11.9	7.8	9.9	9.6	8.6	9.1
14	12.0	2.0	7.0	11.5	6.5	9.0	9.3	8.1	8.7
15	12.0	2.0	7.0	11.2	6.5	8.9	9.2	8.0	8.6
16	11.3	2.0	6.7	10.9	6.2	8.6	9.0	8.0	8.5
17	12.2	1.8	7.0	11.2	6.0	8.6	9.0	8.0	8.5
18	11.3	2.1	6.7	11.3	6.7	9.0	9.1	8.0	8.6
19	11.6	1.9	6.8	11.7	6.5	9.1	9.1	8.0	8.6
20	13.0	3.2	8.1	12.0	7.2	9.6	9.8	8.2	9.0
21	12.4	4.0	8.2	12.0	8.0	10.0	10.0	9.0	9.5
22	13.5	3.1	8.3	13.0	7.7	10.4	10.2	9.0	9.6
23	9.9	5.5	7.7	11.2	9.8	10.5	10.2	9.8	10.0
24	10.0	5.4	7.7	11.1	9.0	10.1	10.0	9.1	9.6
25	10.6	5.4	8.0	11.0	9.0	10.0	9.8	9.0	9.4
26	7.8	2.4	5.1	10.0	7.2	8.6	9.3	8.7	9.0
27	9.2	1.8	5.5	9.8	6.0	7.9	8.8	7.2	8.0
28	9.6	7.0	8.3	10.8	9.2	10.0	9.0	8.2	8.6
29	11.0	6.2	8.6	11.8	9.8	10.8	10.0	9.0	9.5
30	13.8	4.6	9.2	12.9	8.1	10.5	10.2	9.1	9.7
31	15.2	5.2	10.2	14.0	9.0	11.5	11.1	10.0	10.6
Mean	11.0	4.2	7.6	11.4	8.0	9.7	9.8	8.9	9.3
Abs.Max.	15.2	7.8	10.2	14.0	10.0	11.5	11.1	10.0	10.6
Abs.Min.	7.8	1.8	5.1	9.8	6.0	7.9	8.8	7.2	8.0

**BREDA - DAILY CLIMATIC DATA
FEBRUARY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	32	14.0	1.4	7.7	83.8	9.2	2.97	1.2	93.8
2	33	15.1	3.1	9.1	83.3	9.0	1.77	0.0	129.0
3	34	18.0	5.0	11.5	77.5	11.6	2.24	10.2	165.1
4	35	16.1	6.0	11.1	82.0	14.2	2.65	0.0	347.7
5	36	15.0	4.2	9.6	73.1	14.6	3.54	0.0	198.0
6	37	13.7	1.0	7.4	72.4	15.7	3.54	0.0	555.3
7	38	13.9	5.8	9.9	76.5	10.3	3.54	0.0	312.6
8	39	14.0	2.0	8.0	81.5	11.7	3.54	0.0	157.4
9	40	12.0	4.0	8.0	87.0	7.2	1.00	1.0	139.3
10	41	15.0	3.6	9.3	73.0	16.8	3.54	0.0	193.5
11	42	15.0	0.8	7.9	74.6	15.7	3.54	0.0	357.6
12	43	15.2	6.0	10.6	66.0	15.6	4.42	0.0	299.1
13	44	17.0	1.0	9.0	67.7	16.8	5.30	0.0	377.2
14	45	17.7	8.7	13.2	57.5	13.1	7.07	0.0	496.2
15	46	19.0	6.2	12.6	65.5	15.3	3.54	0.0	152.8
16	47	18.0	4.0	11.0	69.5	16.0	5.30	0.0	261.4
17	48	15.5	5.5	10.5	78.1	10.8	2.00	2.0	198.8
18	49	15.0	4.7	9.9	74.5	6.8	1.91	13.4	220.6
19	50	13.4	5.0	9.2	75.0	8.3	.52	1.4	183.3
20	51	16.4	1.8	9.1	72.1	17.8	2.65	0.0	140.2
21	52	17.0	1.4	9.2	69.5	17.6	2.65	0.0	119.0
22	53	17.5	1.7	9.6	68.0	16.1	6.19	0.0	311.3
23	54	20.0	7.0	13.5	52.0	18.4	7.96	0.0	504.1
24	55	18.6	9.2	13.9	71.5	11.7	4.42	0.0	267.0
25	56	14.2	9.0	11.6	78.1	9.0	2.28	1.4	286.6
26	57	15.1	6.7	10.9	79.5	11.9	1.88	1.0	175.2
27	58	12.5	3.9	8.2	81.5	10.8	2.65	0.0	162.2
28	59	10.0	4.0	7.0	81.0	11.6	2.65	0.0	234.9
29	60								
Mean/Total		15.5	4.4	9.9	74.0	13.0	3.40	31.6	251.4
Abs. Maximum		20.0	9.2	13.9	87.0	18.4	7.96	13.4	555.3
Abs. Minimum		10.0	0.8	7.0	52.0	6.8	0.52	0.0	93.8

**BREDA - DAILY SOIL TEMPERATURE
FEBRUARY 1987**

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	13.0	4.5	8.8	13.0	9.0	11.0	11.0	10.0	10.5
2	13.3	5.1	9.2	13.0	9.0	11.0	11.0	10.0	10.5
3	16.0	6.8	11.4	14.8	10.0	12.4	11.5	10.3	10.9
4	15.5	6.9	11.2	14.9	10.5	12.7	12.0	11.0	11.5
5	14.0	6.0	10.0	14.0	10.0	12.0	11.8	11.0	11.4
6	11.5	3.2	7.4	12.0	8.0	10.0	11.3	10.0	10.7
7	11.1	4.8	8.0	12.0	8.6	10.3	10.2	9.6	9.9
8	13.3	4.5	8.9	13.0	8.8	10.9	10.4	9.8	10.1
9	11.0	5.2	8.1	12.0	9.0	10.5	10.2	9.9	10.1
10	14.3	5.5	9.9	13.7	9.3	11.5	11.0	9.9	10.5
11	14.0	3.2	8.6	13.3	8.0	10.7	11.0	9.8	10.4
12	15.0	5.9	10.5	14.0	9.6	11.8	11.2	10.0	10.6
13	14.1	4.8	9.5	14.1	9.1	11.6	11.3	10.1	10.7
14	14.8	7.2	11.0	14.8	11.0	12.9	12.0	11.0	11.5
15	18.0	8.9	13.5	17.0	12.0	14.5	13.0	11.8	12.4
16	16.0	6.1	11.1	15.9	11.0	13.5	13.0	12.0	12.5
17	14.9	7.9	11.4	14.5	11.2	12.9	12.4	11.8	12.1
18	11.9	5.7	8.8	12.8	10.0	11.4	12.0	11.0	11.5
19	12.3	6.5	9.4	11.2	9.0	10.1	11.8	11.0	11.4
20	16.0	4.0	10.0	12.2	6.6	9.4	11.6	10.2	10.9
21	16.9	4.1	10.5	13.0	7.0	10.0	12.0	10.6	11.3
22	14.8	4.0	9.4	12.0	7.0	9.5	11.9	10.9	11.4
23	15.0	6.0	10.5	12.9	8.0	10.5	12.0	11.0	11.5
24	15.0	8.0	11.5	13.1	9.5	11.3	12.9	11.9	12.4
25	13.0	9.0	11.0	12.2	10.8	11.5	12.9	12.3	12.6
26	14.0	7.2	10.6	14.6	11.8	13.2	12.6	11.0	11.8
27	13.0	5.0	9.0	13.3	9.9	11.6	11.0	10.0	10.5
28	12.0	5.5	8.8	13.0	10.0	11.5	10.1	9.9	10.0
Mean	14.1	5.8	9.9	13.4	9.4	11.4	11.6	10.6	11.1
Abs.Max.	18.0	9.0	13.5	17.0	12.0	14.5	13.0	12.3	12.6
Abs.Min.	11.0	3.2	7.4	11.2	6.6	9.4	10.1	9.6	9.9

**BREDA - DAILY CLIMATIC DATA
MARCH 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	61	10.0	2.0	6.0	75.0	m	1.76	0.0	233.8
2	62	12.0	3.0	7.5	76.5	12.8	2.65	0.0	201.9
3	63	11.0	4.0	7.5	82.5	8.8	2.65	0.0	102.7
4	64	15.5	1.8	8.7	77.0	14.0	3.00	3.0	263.9
5	65	17.0	7.0	12.0	76.0	8.8	2.95	5.6	378.3
6	66	9.0	4.0	6.5	81.9	9.3	1.77	0.0	336.8
7	67	16.0	1.0	8.5	76.0	7.2	4.54	1.0	489.3
8	68	10.0	4.4	7.2	80.0	10.3	2.40	2.4	202.3
9	69	11.0	0.0	5.5	78.0	16.6	2.78	7.2	442.5
10	70	10.0	6.0	8.0	79.5	10.1	3.97	2.2	353.7
11	71	9.0	3.0	6.0	83.0	10.7	3.00	3.0	177.5
12	72	11.8	-1.0	5.4	85.5	14.8	0.66	4.2	344.4
13	73	10.0	1.8	5.9	75.0	15.3	2.21	0.0	282.3
14	74	9.2	-1.4	3.9	75.0	20.0	2.21	0.0	206.0
15	75	9.2	0.0	4.6	78.0	20.0	1.77	0.0	101.6
16	76	10.0	-0.5	4.8	77.3	8.3	1.95	4.6	280.5
17	77	12.2	3.8	8.0	81.5	8.0	3.54	0.0	224.9
18	78	15.0	4.8	9.9	78.0	7.0	2.63	4.4	403.3
19	79	11.5	1.5	6.5	63.0	23.8	2.65	0.0	277.0
20	80	11.3	-2.7	4.3	63.0	24.4	3.54	0.0	115.7
21	81	15.2	-2.5	6.4	63.6	24.1	6.19	0.0	112.2
22	82	18.1	-1.5	8.3	66.1	24.1	3.54	0.0	102.6
23	83	17.9	0.9	9.4	65.0	18.3	4.42	0.0	250.5
24	84	19.5	11.0	15.3	69.5	11.3	3.60	3.6	191.6
25	85	15.1	7.9	11.5	73.0	10.7	2.35	5.0	165.8
26	86	15.0	7.0	11.0	76.5	14.6	4.54	1.0	221.0
27	87	16.2	3.4	9.8	71.9	24.1	4.42	0.0	197.9
28	88	15.0	0.5	7.8	67.4	19.8	4.42	0.0	116.3
29	89	17.8	3.2	10.5	68.0	21.7	3.54	0.0	103.6
30	90	20.0	1.8	10.9	69.9	25.3	3.54	0.0	108.5
31	91	22.0	2.9	12.5	65.5	25.6	4.42	0.0	124.3
Mean/Total		13.6	2.5	8.1	74.1	15.7	3.15	47.2	229.4
Abs.Maximum		22.0	11.0	15.3	85.5	25.6	6.19	7.2	489.3
Abs.Minimum		9.0	-2.7	3.9	63.0	7.0	0.66	0.0	101.6

**BREDA - DAILY SOIL TEMPERATURE
MARCH 1987**

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	8.0	4.5	6.3	10.3	9.0	9.7	9.9	9.0	9.5
2	15.0	6.2	10.6	14.4	9.4	11.9	10.0	8.8	9.4
3	13.0	5.5	9.3	13.3	10.0	11.7	10.0	9.4	9.7
4	15.0	4.2	9.6	14.0	9.0	11.5	10.0	9.0	9.5
5	m	m	m	m	m	m	m	m	m
6	m	5.8	m	m	m	m	m	m	m
7	m	m	m	m	m	m	m	m	m
8	m	m	m	m	m	m	m	m	m
9	m	m	m	m	m	m	m	m	m
10	m	m	m	m	m	m	m	m	m
11	m	m	m	m	m	m	m	m	m
12	9.3	m	m	10.1	7.0	8.6	8.6	7.4	8.0
13	10.0	4.5	7.3	11.0	9.0	10.0	8.2	7.9	8.1
14	8.2	2.0	5.1	9.8	7.0	8.4	8.0	7.0	7.5
15	10.9	2.3	6.6	10.8	7.3	9.1	7.8	7.0	7.4
16	10.0	2.4	6.2	10.6	7.8	9.2	8.0	7.0	7.5
17	11.8	5.0	8.4	12.0	9.0	10.5	8.8	7.5	8.2
18	10.0	5.7	7.9	11.0	9.9	10.5	8.8	8.1	8.5
19	m	8.4	m	11.9	8.8	10.4	8.8	8.0	8.4
20	m	1.8	m	13.0	7.2	10.1	8.8	7.2	8.0
21	m	2.1	m	14.2	8.0	11.1	9.5	7.9	8.7
22	m	m	m	16.0	9.1	12.6	11.0	8.6	9.8
23	m	m	m	14.9	10.7	12.8	11.0	9.9	10.5
24	m	m	m	15.8	13.0	14.4	11.9	10.9	11.4
25	15.0	9.8	12.4	15.0	13.4	14.2	11.9	11.3	11.6
26	15.8	8.8	12.3	15.0	12.0	13.5	11.9	11.0	11.5
27	17.0	6.7	11.9	16.0	11.2	13.6	12.0	10.9	11.5
28	16.9	5.7	11.3	16.0	11.0	13.5	12.0	10.0	11.0
29	20.0	7.2	13.6	17.5	12.0	14.8	13.0	11.0	12.0
30	21.5	6.9	14.2	19.0	12.2	15.6	14.0	12.0	13.0
31	23.0	8.2	15.6	20.0	13.5	16.8	15.0	13.0	14.0
Mean	13.9	5.4	9.9	13.8	9.9	11.8	10.4	9.2	9.8
Abs.Max.	23.0	9.8	15.6	20.0	13.5	16.8	15.0	13.0	14.0
Abs.Min.	8.0	1.8	5.1	9.8	7.0	8.4	7.8	7.0	7.4

BREDA - DAILY CLIMATIC DATA
APRIL 1987

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	92	25.8	6.8	16.3	66.0	24.8	9.73	0.0	328.5
2	93	20.7	9.0	14.9	70.0	14.8	4.42	0.0	228.6
3	94	18.4	2.5	10.5	73.5	20.7	5.63	7.4	367.9
4	95	18.2	5.5	11.9	70.8	26.5	7.07	0.0	345.9
5	96	19.5	2.5	11.0	70.5	25.0	5.30	0.0	158.5
6	97	21.5	3.8	12.7	68.5	26.4	6.19	0.0	161.8
7	98	22.5	4.0	13.3	68.0	23.8	6.19	0.0	118.0
8	99	25.0	10.0	17.5	66.8	21.0	5.30	0.0	151.0
9	100	25.2	11.5	18.4	65.1	22.9	7.07	0.0	254.0
10	101	23.5	11.0	17.3	71.4	23.5	6.19	0.0	162.7
11	102	23.5	6.9	15.2	70.6	17.6	4.20	4.2	134.7
12	103	24.5	15.5	20.0	65.0	23.8	8.19	2.0	395.1
13	104	20.0	12.0	16.0	72.9	15.1	4.42	0.0	238.3
14	105	21.0	5.0	13.0	69.6	22.8	4.42	0.0	130.6
15	106	22.2	5.0	13.6	66.8	27.2	4.42	0.0	125.2
16	107	25.0	7.0	16.0	65.8	19.9	9.72	0.0	281.6
17	108	21.7	7.5	14.6	70.5	22.4	6.19	0.0	235.7
18	109	20.0	4.0	12.0	69.5	23.3	5.30	0.0	235.6
19	110	21.0	5.0	13.0	69.5	24.7	7.96	0.0	405.4
20	111	17.2	6.0	11.6	67.0	14.9	6.19	0.0	224.6
21	112	22.8	5.0	13.9	61.0	27.4	7.07	0.0	127.6
22	113	27.5	5.0	16.3	54.5	28.3	7.96	0.0	122.7
23	114	26.4	8.4	17.4	55.7	23.0	8.84	0.0	204.8
24	115	22.9	12.0	17.5	60.0	13.8	5.30	0.0	198.0
25	116	17.9	6.5	12.2	66.5	18.9	6.45	3.8	363.2
26	117	20.3	2.1	11.2	59.6	29.3	6.19	0.0	165.4
27	118	22.8	3.8	13.3	59.6	30.7	7.07	0.0	167.2
28	119	26.9	5.0	16.0	51.0	28.1	7.96	0.0	142.2
29	120	30.2	7.1	18.7	54.0	26.2	9.72	0.0	181.4
30	121	26.6	7.0	16.8	61.5	28.5	7.96	0.0	243.2
Mean/Total		22.7	6.7	14.7	65.4	23.2	6.62	17.4	220.0
Abs. Maximum		30.2	15.5	20.0	73.5	30.7	9.73	7.4	405.4
Abs. Minimum		17.2	2.1	10.5	51.0	13.8	4.20	0.0	118.0

**BREDA - DAILY SOIL TEMPERATURE
APRIL 1987**

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	23.2	10.0	16.6	20.4	14.9	17.7	16.0	14.0	15.0
2	19.9	12.5	16.2	19.0	17.0	18.0	15.9	15.0	15.5
3	17.5	9.0	13.3	17.3	14.1	15.7	15.5	14.0	14.8
4	17.0	8.6	12.8	17.0	13.9	15.5	14.3	13.2	13.8
5	21.0	7.2	14.1	19.0	13.0	16.0	14.9	13.0	14.0
6	23.0	9.0	16.0	20.4	14.2	17.3	15.8	14.0	14.9
7	23.0	9.5	16.3	20.7	15.0	17.9	16.1	14.5	15.3
8	23.3	12.5	17.9	21.2	16.5	18.9	17.0	15.3	16.2
9	25.1	13.8	19.5	22.7	17.2	20.0	17.5	16.0	16.8
10	25.6	14.2	19.9	23.0	18.2	20.6	18.0	16.8	17.4
11	23.6	13.1	18.4	22.0	18.0	20.0	18.0	17.0	17.5
12	22.2	15.9	19.1	21.8	19.0	20.4	18.0	17.1	17.6
13	19.5	14.0	16.8	20.0	18.0	19.0	18.0	16.8	17.4
14	24.0	10.1	17.1	21.0	15.4	18.2	16.8	15.0	15.9
15	26.0	10.5	18.3	22.8	16.0	19.4	17.6	15.7	16.7
16	23.9	12.5	18.2	22.0	17.1	19.6	18.0	16.4	17.2
17	23.2	13.0	18.1	21.7	17.3	19.5	17.9	16.7	17.3
18	23.4	11.0	17.2	21.6	16.9	19.3	17.8	16.5	17.2
19	21.6	11.5	16.6	20.5	16.9	18.7	17.5	16.1	16.8
20	19.8	12.0	15.9	19.0	16.8	17.9	17.0	16.0	16.5
21	26.9	10.9	18.9	22.9	16.0	19.5	18.0	15.8	16.9
22	29.0	11.9	20.5	24.3	17.5	20.9	19.0	17.0	18.0
23	26.6	14.0	20.3	23.5	19.0	21.3	19.2	18.0	18.6
24	23.8	16.0	19.9	22.0	19.7	20.9	19.1	18.1	18.6
25	18.1	12.0	15.1	21.0	18.0	19.5	18.6	17.0	17.8
26	26.4	8.7	17.6	22.2	15.1	18.7	18.0	15.9	17.0
27	28.0	11.0	19.5	23.8	17.0	20.4	18.9	17.0	18.0
28	29.2	12.8	21.0	25.0	18.2	21.6	20.0	17.9	19.0
29	30.8	14.0	22.4	26.0	19.4	22.7	20.9	18.9	19.9
30	30.9	14.9	22.9	26.0	20.4	23.2	21.0	19.8	20.4
Mean	23.9	11.9	17.9	21.7	16.9	19.3	17.7	16.2	16.9
Abs.Max.	30.9	16.0	22.9	26.0	20.4	23.2	21.0	19.8	20.4
Abs.Min.	17.0	7.2	12.8	17.0	13.0	15.5	14.3	13.0	13.8

**BREDA - DAILY CLIMATIC DATA
MAY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	122	22.0	5.9	14.0	63.3	26.9	9.72	0.0	295.4
2	123	20.0	5.4	12.7	67.2	21.2	6.19	0.0	210.3
3	124	23.3	4.8	14.1	61.5	29.0	6.19	0.0	157.4
4	125	27.0	6.2	16.6	58.1	25.6	7.96	0.0	133.8
5	126	29.9	9.7	19.8	53.5	29.5	9.72	0.0	195.3
6	127	30.8	6.6	18.7	53.3	27.2	9.72	0.0	139.7
7	128	35.0	13.0	24.0	50.0	23.3	7.96	0.0	122.9
8	129	31.1	15.9	23.5	48.8	23.7	13.26	0.0	330.2
9	130	25.0	12.8	18.9	63.9	29.3	7.96	0.0	323.1
10	131	22.2	6.6	14.4	66.6	24.1	7.07	0.0	266.8
11	132	21.9	9.9	15.9	65.8	23.0	7.07	0.0	232.4
12	133	25.8	5.8	15.8	59.7	30.2	7.96	0.0	137.6
13	134	30.4	8.8	19.6	50.5	25.3	9.72	0.0	165.8
14	135	32.0	14.0	23.0	47.6	30.3	12.38	0.0	252.9
15	136	31.0	9.4	20.2	49.8	31.3	11.49	0.0	174.9
16	137	35.0	9.8	22.4	45.9	31.3	11.49	0.0	132.1
17	138	37.4	13.8	25.6	41.3	29.8	15.03	0.0	154.5
18	139	38.5	15.5	27.0	41.7	29.4	13.26	0.0	155.3
19	140	38.4	17.0	27.7	42.3	29.1	15.91	0.0	197.5
20	141	35.2	16.2	25.7	43.5	29.2	17.68	0.0	297.8
21	142	30.0	12.6	21.3	62.7	29.9	15.03	0.0	382.0
22	143	34.6	14.3	24.5	58.0	24.2	15.03	0.0	296.5
23	144	28.0	10.8	19.4	63.0	30.9	11.49	0.0	280.7
24	145	24.8	12.0	18.4	65.5	23.8	8.84	0.0	240.3
25	146	27.0	8.4	17.7	64.0	27.6	9.72	0.0	195.8
26	147	29.0	9.6	19.3	63.0	31.0	13.26	0.0	322.1
27	148	33.5	12.0	22.8	53.0	24.3	15.91	0.0	243.2
28	149	28.0	18.0	23.0	61.5	15.4	8.84	0.0	207.3
29	150	32.0	13.8	22.9	57.5	29.5	9.72	0.0	170.0
30	151	33.0	14.8	23.9	53.7	31.1	15.03	0.0	257.9
31	152	35.0	17.0	26.0	49.0	27.3	17.68	0.0	221.6
Mean/Total		29.9	11.3	20.6	55.6	27.2	11.24	0.0	222.4
Abs.Maximum		38.5	18.0	27.7	67.2	31.3	17.68	0.0	382.0
Abs.Minimum		20.0	4.8	12.7	41.3	15.4	6.19	0.0	122.9

**BREDA - DAILY SOIL TEMPERATURE
MAY 1987**

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	26.8	14.0	20.4	24.0	19.6	21.8	20.6	19.0	19.8
2	24.0	13.6	18.8	23.0	19.2	21.1	20.0	18.8	19.4
3	30.0	12.5	21.3	25.0	18.5	21.8	20.2	18.2	19.2
4	31.0	14.8	22.9	26.0	20.0	23.0	21.1	19.5	20.3
5	33.6	16.0	24.8	27.8	21.0	24.4	22.1	20.1	21.1
6	33.9	15.1	24.5	28.0	21.2	24.6	23.0	21.0	22.0
7	34.0	18.0	26.0	29.0	23.0	26.0	23.4	22.0	22.7
8	31.6	19.8	25.7	27.9	24.1	26.0	23.3	22.5	22.9
9	33.2	20.0	26.6	28.4	24.3	26.4	23.5	22.5	23.0
10	28.0	15.8	21.9	26.0	22.2	24.1	23.0	21.7	22.4
11	28.1	16.3	22.2	25.9	22.0	24.0	22.0	21.0	21.5
12	34.0	14.7	24.4	28.0	21.0	24.5	22.8	20.6	21.7
13	33.9	16.7	25.3	28.2	22.8	25.5	23.2	21.8	22.5
14	37.1	19.0	28.1	30.0	24.0	27.0	24.5	22.8	23.7
15	37.9	17.9	27.9	30.5	24.0	27.3	25.0	23.1	24.1
16	39.4	18.2	28.8	31.5	24.9	28.2	25.9	23.9	24.9
17	41.9	21.5	31.7	33.5	26.5	30.0	27.0	25.0	26.0
18	41.9	22.1	32.0	34.0	27.8	30.9	28.0	26.0	27.0
19	42.5	23.9	33.2	34.5	28.9	31.7	28.5	26.9	27.7
20	41.3	23.5	32.4	34.0	29.0	31.5	28.3	27.1	27.7
21	36.8	21.6	29.2	32.0	27.8	29.9	28.1	26.8	27.5
22	36.1	21.9	29.0	31.2	27.3	29.3	27.0	26.0	26.5
23	37.5	19.5	28.5	31.5	26.5	29.0	26.5	25.5	26.0
24	32.2	20.0	26.1	29.6	26.0	27.8	26.2	25.0	25.6
25	36.0	17.4	26.7	30.1	24.7	27.4	25.4	24.0	24.7
26	35.5	18.0	26.8	30.0	25.0	27.5	25.3	24.0	24.7
27	37.4	19.4	28.4	31.5	25.7	28.6	26.3	24.5	25.4
28	31.6	24.5	28.1	31.3	28.1	29.7	26.3	25.0	25.7
29	38.5	20.1	29.3	32.5	26.3	29.4	26.6	24.8	25.7
30	39.9	22.0	31.0	33.0	27.8	30.4	27.2	25.8	26.5
31	39.0	22.8	30.9	33.0	28.0	30.5	27.8	26.2	27.0
Mean	36.0	18.7	26.9	29.7	24.4	27.1	24.8	23.3	24.0
Abs.Max.	42.5	24.5	33.2	34.5	29.0	31.7	28.5	27.1	27.7
Abs.Min.	24.0	12.5	18.8	23.0	18.5	21.1	20.0	18.2	19.2

BREDA - DAILY CLIMATIC DATA
JUNE 1987

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	153	35.0	18.6	26.8	53.2	24.3	13.26	0.0	384.0
2	154	28.6	15.0	21.8	61.5	30.5	15.91	0.0	392.9
3	155	27.6	11.2	19.4	62.6	28.4	21.22	0.0	340.9
4	156	28.3	13.0	20.7	62.0	30.0	15.03	0.0	332.4
5	157	31.2	12.2	21.7	55.5	31.2	6.19	0.0	256.6
6	158	33.0	12.0	22.5	52.5	31.8	19.45	0.0	319.8
7	159	34.0	17.0	25.5	50.0	32.2	13.26	0.0	305.4
8	160	33.0	16.0	24.5	51.7	31.9	11.49	0.0	270.5
9	161	33.0	14.0	23.5	50.5	32.3	15.91	0.0	249.4
10	162	35.0	15.0	25.0	48.2	32.2	15.03	0.0	291.1
11	163	35.7	16.7	26.2	46.0	32.2	17.68	0.0	272.6
12	164	34.5	17.3	25.9	47.0	32.2	15.03	0.0	268.2
13	165	33.2	17.0	25.1	54.5	31.6	11.49	0.0	282.5
14	166	35.0	16.0	25.5	52.5	31.4	19.45	0.0	261.5
15	167	35.0	18.0	26.5	55.0	29.8	17.68	0.0	265.2
16	168	37.0	18.5	27.8	54.5	28.3	9.72	0.0	274.9
17	169	36.5	16.5	26.5	57.3	27.9	17.68	0.0	313.9
18	170	37.0	19.0	28.0	55.0	30.1	17.68	0.0	402.6
19	171	34.0	16.1	25.1	60.0	31.5	13.26	0.0	356.5
20	172	31.1	16.1	23.6	59.0	30.9	15.03	0.0	392.5
21	173	32.0	18.0	25.0	60.0	31.0	17.68	0.0	498.5
22	174	36.0	18.5	27.3	51.4	31.6	15.03	0.0	434.4
23	175	36.1	19.9	28.0	48.5	31.7	19.45	0.0	470.0
24	176	37.0	17.0	27.0	39.6	32.4	19.45	0.0	328.6
25	177	35.2	16.0	25.6	55.0	32.3	15.91	0.0	321.8
26	178	36.2	14.6	25.4	53.4	32.1	13.26	0.0	270.9
27	179	34.4	17.0	25.7	61.3	30.7	15.03	0.0	324.3
28	180	35.4	19.0	27.2	57.0	31.6	18.56	0.0	336.0
29	181	38.0	18.6	28.3	51.5	31.4	18.56	0.0	214.1
30	182	39.0	20.0	29.5	48.5	30.9	15.91	0.0	197.0
Mean/Total		34.2	16.5	25.3	53.8	30.9	15.68	0.0	321.0
Abs. Maximum		39.0	20.0	29.5	62.6	32.4	21.22	0.0	498.5
Abs. Minimum		27.6	11.2	19.4	39.6	24.3	6.19	0.0	197.0

**BREDA - DAILY SOIL TEMPERATURE
JUNE 1987**

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	38.0	24.2	31.1	32.8	29.0	30.9	27.8	27.0	27.4
2	36.5	22.1	29.3	32.0	28.0	30.0	27.2	26.2	26.7
3	35.1	20.0	27.6	31.0	27.0	29.0	27.0	25.8	26.4
4	33.2	20.6	26.9	28.7	26.9	27.8	28.3	27.5	27.9
5	37.0	17.5	27.3	30.0	24.0	27.0	29.0	27.4	28.2
6	38.0	18.2	28.1	30.9	24.9	27.9	29.8	28.0	28.9
7	37.8	20.0	28.9	30.9	25.7	28.3	30.0	28.8	29.4
8	38.2	20.2	29.2	31.2	26.0	28.6	30.0	29.0	29.5
9	38.6	19.8	29.2	31.5	26.0	28.8	30.2	29.0	29.6
10	39.0	20.5	29.8	32.0	26.4	29.2	30.9	29.5	30.2
11	40.0	21.0	30.5	32.9	27.0	30.0	31.6	30.0	30.8
12	40.0	22.0	31.0	33.0	27.6	30.3	31.8	30.7	31.3
13	40.0	22.0	31.0	32.9	27.8	30.4	31.7	30.7	31.2
14	41.0	21.2	31.1	33.1	27.5	30.3	32.0	30.6	31.3
15	41.7	22.7	32.2	33.9	28.0	31.0	32.1	31.0	31.6
16	42.6	23.8	33.2	34.0	28.9	31.5	32.2	31.2	31.7
17	40.9	22.0	31.5	33.6	28.0	30.8	32.3	31.1	31.7
18	40.0	22.6	31.3	33.0	28.1	30.6	32.3	31.7	32.0
19	40.4	22.0	31.2	33.1	28.0	30.6	32.0	31.0	31.5
20	39.0	22.2	30.6	32.6	28.0	30.3	31.8	31.0	31.4
21	37.4	22.0	29.7	31.9	27.2	29.6	31.5	30.7	31.1
22	39.9	21.5	30.7	32.6	27.0	29.8	31.2	30.2	30.7
23	38.6	22.7	30.7	32.2	27.8	30.0	31.4	30.8	31.1
24	41.3	20.7	31.0	33.2	27.0	30.1	31.9	30.7	31.3
25	41.0	21.0	31.0	33.0	27.3	30.2	32.0	31.0	31.5
26	42.0	20.6	31.3	33.9	27.0	30.5	32.0	30.4	31.2
27	41.2	23.0	32.1	34.0	28.4	31.2	32.1	31.0	31.6
28	41.0	23.3	32.2	34.0	28.4	31.2	32.5	31.2	31.9
29	43.5	23.7	33.6	35.0	29.0	32.0	33.0	31.8	32.4
30	45.0	25.0	35.0	36.0	30.0	33.0	33.9	32.2	33.1
Mean	39.6	21.6	30.6	32.6	27.4	30.0	31.1	29.9	30.5
Abs.Max.	45.0	25.0	35.0	36.0	30.0	33.0	33.9	32.2	33.1
Abs.Min.	33.2	17.5	26.9	28.7	24.0	27.0	27.0	25.8	26.4

**BREDA - DAILY CLIMATIC DATA
JULY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	183	39.6	19.0	29.3	44.0	31.8	13.26	0.0	322.4
2	184	37.4	21.6	29.5	53.5	31.6	17.68	0.0	531.9
3	185	35.0	22.6	28.8	61.5	32.4	16.80	0.0	610.5
4	186	33.4	21.2	27.3	62.2	29.9	16.80	0.0	502.9
5	187	33.0	17.4	25.2	61.9	29.6	17.68	0.0	411.3
6	188	33.0	18.6	25.8	63.2	28.1	17.68	0.0	467.0
7	189	33.0	21.0	27.0	61.0	30.4	16.80	0.0	467.8
8	190	32.0	19.0	25.5	60.0	26.7	16.80	0.0	359.4
9	191	33.2	17.0	25.1	57.1	30.5	15.91	0.0	207.9
10	192	37.5	17.0	27.3	39.0	31.3	17.68	0.0	163.6
11	193	42.3	22.0	32.2	44.5	28.9	17.68	0.0	391.3
12	194	35.0	22.0	28.5	60.0	30.2	18.56	0.0	511.6
13	195	34.0	21.0	27.5	61.7	30.0	19.45	0.0	436.0
14	196	37.0	19.8	28.4	55.5	30.6	19.45	0.0	423.1
15	197	36.0	20.2	28.1	62.0	30.5	19.45	0.0	433.2
16	198	37.2	19.9	28.6	56.1	30.1	15.91	0.0	336.2
17	199	39.5	19.1	29.3	53.5	30.4	16.80	0.0	353.9
18	200	38.0	19.2	28.6	57.4	29.5	18.56	0.0	360.3
19	201	40.1	20.9	30.5	49.1	29.3	18.56	0.0	332.1
20	202	40.0	21.1	30.6	48.0	30.0	17.68	0.0	283.9
21	203	41.9	20.9	31.4	51.0	28.5	16.80	0.0	234.5
22	204	42.4	24.0	33.2	51.5	29.0	14.14	0.0	246.0
23	205	41.8	22.0	31.9	49.8	28.7	15.03	0.0	221.1
24	206	42.0	22.0	32.0	47.0	29.1	15.91	0.0	251.0
25	207	42.0	21.5	31.8	47.8	28.9	17.68	0.0	243.6
26	208	43.0	22.0	32.5	46.5	28.4	17.68	0.0	272.7
27	209	43.8	24.4	34.1	42.6	25.8	18.56	0.0	213.8
28	210	43.2	23.8	33.5	42.5	28.0	19.45	0.0	207.4
29	211	43.8	22.0	32.9	41.2	27.9	19.45	0.0	228.8
30	212	41.6	21.6	31.6	39.1	26.0	16.80	0.0	231.2
31	213	40.2	20.0	30.1	42.5	27.7	15.91	0.0	225.4
Mean/Total		38.4	20.8	29.6	52.0	29.3	17.31	0.0	338.1
Abs. Maximum		43.8	24.4	34.1	63.2	32.4	19.45	0.0	610.5
Abs. Minimum		32.0	17.0	25.1	39.0	25.8	13.3	0.0	163.6

**BREDA - DAILY SOIL TEMPERATURE
JULY 1987**

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	45.0	25.0	35.0	36.0	30.0	33.0	34.0	33.0	33.5
2	42.0	25.4	33.7	35.2	30.2	32.7	31.0	30.5	30.8
3	40.2	26.0	33.1	34.8	30.4	32.6	31.0	30.0	30.5
4	40.0	25.2	32.6	34.4	29.9	32.2	30.6	30.0	30.3
5	39.9	24.0	32.0	34.1	29.1	31.6	30.3	29.7	30.0
6	38.5	24.2	31.4	33.8	29.2	31.5	30.1	29.3	29.7
7	39.2	24.6	31.9	34.0	29.3	31.7	30.0	29.2	29.6
8	38.6	24.0	31.3	33.6	29.0	31.3	30.0	29.0	29.5
9	41.2	23.0	32.1	34.7	28.8	31.8	30.2	29.1	29.7
10	43.4	23.0	33.2	35.8	29.0	32.4	31.0	29.2	30.1
11	45.2	26.2	35.7	37.0	30.7	33.9	31.8	30.1	31.0
12	41.9	27.1	34.5	35.5	31.1	33.3	31.5	30.9	31.2
13	40.5	25.5	33.0	34.9	30.0	32.5	31.2	30.0	30.6
14	42.0	25.0	33.5	35.2	30.0	32.6	31.0	30.0	30.5
15	40.3	25.2	32.8	35.0	30.0	32.5	31.0	30.0	30.5
16	42.4	25.0	33.7	35.8	30.0	32.9	31.2	30.1	30.7
17	43.2	25.0	34.1	36.1	30.2	33.2	31.9	30.4	31.2
18	43.0	25.2	34.1	36.0	30.8	33.4	32.0	31.0	31.5
19	44.0	25.1	34.6	36.6	30.8	33.7	32.0	31.0	31.5
20	43.5	26.0	34.8	36.8	31.0	33.9	32.1	31.1	31.6
21	45.6	25.9	35.8	37.6	31.0	34.3	32.9	31.1	32.0
22	46.0	28.1	37.1	38.1	32.6	35.4	33.4	32.0	32.7
23	46.0	27.9	37.0	38.6	32.8	35.7	33.6	32.5	33.1
24	46.6	27.2	36.9	38.8	32.6	35.7	33.6	32.4	33.0
25	46.8	27.4	37.1	39.0	33.0	36.0	34.0	32.8	33.4
26	47.6	28.0	37.8	39.3	33.1	36.2	34.1	33.0	33.6
27	46.5	29.5	38.0	39.5	34.0	36.8	34.5	33.3	33.9
28	47.3	28.5	37.9	39.8	34.0	36.9	34.8	33.6	34.2
29	47.1	28.0	37.6	39.9	33.9	36.9	34.8	33.8	34.3
30	44.6	27.5	36.1	38.8	33.4	36.1	34.5	33.7	34.1
31	46.0	27.1	36.6	38.8	33.0	35.9	34.0	33.0	33.5
Mean	43.4	26.0	34.7	36.6	31.1	33.8	32.2	31.1	31.7
Abs.Max.	47.6	29.5	38.0	39.9	34.0	36.9	34.8	33.8	34.3
Abs.Min.	38.5	23.0	31.3	33.6	28.8	31.3	30.0	29.0	29.5

**BREDA - DAILY CLIMATIC DATA
AUGUST 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	214	40.0	22.0	31.0	48.5	24.9	17.68	0.0	236.7
2	215	39.2	23.6	31.4	47.2	21.4	15.91	0.0	347.5
3	216	38.8	25.0	31.9	49.5	26.4	17.68	0.0	434.4
4	217	39.7	21.7	30.7	48.8	28.4	13.26	0.0	244.7
5	218	41.2	20.2	30.7	44.0	28.2	14.14	0.0	175.8
6	219	44.4	22.9	33.7	32.2	m	20.33	0.0	214.4
7	220	47.0	28.3	37.7	28.0	m	19.45	0.0	226.7
8	221	45.0	28.8	36.9	40.5	m	16.80	0.0	256.9
9	222	42.2	24.8	33.5	38.5	m	20.33	0.0	355.1
10	223	40.0	22.0	31.0	44.0	m	12.38	0.0	228.2
11	224	40.0	22.0	31.0	43.6	m	17.68	0.0	298.7
12	225	40.0	20.2	30.1	44.1	m	17.68	0.0	205.5
13	226	39.6	19.8	29.7	44.6	m	17.68	0.0	349.8
14	227	37.2	20.2	28.7	46.5	m	15.91	0.0	395.8
15	228	36.8	23.2	30.0	46.5	m	15.03	0.0	319.6
16	229	36.0	22.0	29.0	46.5	m	13.26	0.0	331.1
17	230	35.2	21.0	28.1	46.1	m	13.26	0.0	327.3
18	231	34.0	21.6	27.8	46.0	m	14.14	0.0	288.9
19	232	34.0	16.0	25.0	28.4	m	13.26	0.0	181.3
20	233	36.1	15.0	25.6	36.5	m	11.49	0.0	182.1
21	234	35.1	17.1	26.1	44.5	28.5	14.14	0.0	383.4
22	235	35.0	18.0	26.5	44.5	28.2	14.14	0.0	377.6
23	236	34.2	18.4	26.3	45.5	27.0	14.14	0.0	380.6
24	237	33.2	18.0	25.6	46.5	28.0	13.26	0.0	390.0
25	238	33.1	19.1	26.1	44.1	27.4	14.14	0.0	392.8
26	239	32.2	18.0	25.1	41.4	28.3	14.14	0.0	419.7
27	240	34.0	18.2	26.1	41.8	27.6	13.26	0.0	257.3
28	241	35.8	17.6	26.7	39.0	27.5	15.03	0.0	260.8
29	242	37.0	18.8	27.9	37.1	27.8	13.26	0.0	232.3
30	243	37.8	16.8	27.3	36.5	27.0	13.26	0.0	297.8
31	244	36.8	18.0	27.4	45.5	26.5	11.49	0.0	253.4
Mean/Total		37.8	20.6	29.2	42.5	27.1	15.08	0.0	298.3
Abs.Maximum		47.0	28.8	37.7	49.5	28.5	20.33	0.0	434.4
Abs.Minimum		32.2	15.0	25.0	28.0	21.4	11.49	0.0	175.8

**BREDA - DAILY SOIL TEMPERATURE
AUGUST 1987**

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	44.6	28.2	36.4	38.4	33.2	35.8	34.0	33.0	33.5
2	41.6	29.0	35.3	37.1	33.5	35.3	33.9	33.0	33.5
3	42.0	28.8	35.4	37.1	33.0	35.1	33.5	32.6	33.1
4	44.3	27.3	35.8	38.1	32.5	35.3	33.7	32.5	33.1
5	45.5	27.0	36.3	38.9	32.7	35.8	34.0	32.8	33.4
6	45.4	28.1	36.8	39.0	33.4	36.2	34.5	33.0	33.8
7	48.3	31.0	39.7	40.5	34.9	37.7	35.2	33.9	34.6
8	45.6	31.8	38.7	40.0	35.6	37.8	35.1	34.5	34.8
9	44.0	29.2	36.6	38.8	34.6	36.7	35.0	34.1	34.6
10	43.5	26.7	35.1	38.0	33.0	35.5	34.6	33.6	34.1
11	42.8	26.4	34.6	37.8	32.6	35.2	34.0	33.0	33.5
12	43.0	26.0	34.5	37.9	32.5	35.2	34.0	33.0	33.5
13	42.0	25.0	33.5	37.0	32.0	34.5	33.8	32.8	33.3
14	40.4	25.0	32.7	36.2	31.6	33.9	33.5	32.5	33.0
15	41.0	26.8	33.9	36.8	32.0	34.4	33.1	32.2	32.7
16	40.0	26.2	33.1	36.0	32.0	34.0	33.0	32.0	32.5
17	41.0	26.0	33.5	36.1	31.9	34.0	33.0	32.1	32.6
18	39.7	25.5	32.6	35.4	31.0	33.2	33.0	32.0	32.5
19	39.6	22.2	30.9	35.0	29.9	32.5	32.2	31.0	31.6
20	43.1	21.0	32.1	35.0	29.0	32.0	32.0	31.0	31.5
21	42.4	26.6	34.5	35.0	29.8	32.4	31.8	30.9	31.4
22	41.2	26.8	34.0	34.5	29.9	32.2	31.6	30.9	31.3
23	39.4	26.6	33.0	33.9	29.6	31.8	31.3	30.7	31.0
24	40.2	26.5	33.4	33.8	29.0	31.4	31.0	30.0	30.5
25	38.0	26.6	32.3	33.0	29.0	31.0	30.8	30.0	30.4
26	37.6	25.4	31.5	32.0	28.2	30.1	30.5	29.9	30.2
27	41.0	25.8	33.4	33.8	28.0	30.9	30.3	29.1	29.7
28	41.0	25.7	33.4	34.0	28.7	31.4	30.5	29.5	30.0
29	42.3	26.5	34.4	34.6	29.0	31.8	31.0	29.8	30.4
30	42.8	26.0	34.4	34.7	29.0	31.9	31.0	30.0	30.5
31	43.4	26.8	35.1	35.1	29.3	32.2	31.0	30.0	30.5
Mean	42.2	26.7	34.4	36.2	31.3	33.8	32.8	31.8	32.3
Abs.Max.	48.3	31.8	39.7	40.5	35.6	37.8	35.2	34.5	34.8
Abs.Min.	37.6	21.0	30.9	32.0	28.0	30.1	30.3	29.1	29.7

GHRERIFE

1986-1987 Season

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

**SUMMARY OF MONTHLY CLIMATIC DATA
GHRERIFE 1986-87 SEASON**

Month	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH (%)	Sol. rad. (MJ/m ²)	Wind Run (km/d)	Evap. (mm)	Prec. (mm)
September								
Mean	35.4	18.6	27.0	39.6	23.4	231.6	11.7	0.0
Abs.Max	43.5	23.0	32.7	48.7	27.2	448.5	15.9	0.0
Abs.Min	31.6	16.2	24.1	19.7	19.3	119.3	8.8	0.0
October								
Mean	27.1	13.2	20.1	47.1	18.9	194.9	7.2	18.4
Abs.Max	31.0	17.0	24.0	64.8	29.6	366.8	10.6	10.0
Abs.Min	21.6	9.8	17.4	34.0	7.6	86.2	0.4	0.0
November								
Mean	16.4	3.3	9.9	57.6	15.0	206.7	3.1	7.0
Abs.Max	22.8	12.5	17.0	73.9	19.5	471.1	4.4	6.2
Abs.Min	11.0	-3.0	4.0	48.3	8.0	104.0	0.9	0.0
December								
Mean	13.2	1.1	7.1	60.4	12.5	222.4	2.1	29.2
Abs.Max	18.0	8.0	12.5	80.5	15.3	652.1	3.8	12.6
Abs.Min	7.8	-5.0	3.0	45.9	6.1	93.4	0.6	0.0
January								
Mean	12.7	3.2	7.9	73.9	12.3	220.8	1.6	51.8
Abs.Max	16.4	8.0	11.2	85.1	16.7	404.7	3.1	12.0
Abs.Min	8.6	-1.3	3.9	62.6	6.7	68.9	0.4	0.0
February								
Mean	16.2	5.2	10.7	73.4	16.2	260.5	2.3	26.8
Abs.Max	20.8	8.9	14.6	88.9	21.4	537.9	5.0	14.2
Abs.Min	10.2	1.5	7.5	52.5	8.0	70.3	0.6	0.0
March								
Mean	15.1	3.8	9.5	71.1	18.9	262.1	2.5	37.2
Abs.Max	23.0	12.0	15.9	78.8	32.0	453.2	5.1	6.0
Abs.Min	10.0	-2.1	5.0	61.8	10.3	69.2	0.2	0.0
April								
Mean	23.1	8.8	16.0	63.7	25.6	247.4	5.0	13.4
Abs.Max	31.1	15.5	20.6	74.0	31.4	413.3	7.1	8.0
Abs.Min	17.9	4.8	11.9	52.2	15.6	98.3	2.7	0.0
May								
Mean	30.5	13.7	22.1	57.3	28.3	248.6	10.3	0.6
Abs.Max	38.1	20.9	29.5	72.5	31.7	418.2	13.7	0.6
Abs.Min	21.6	6.5	15.2	40.9	18.1	135.4	6.2	0.0
June								
Mean	34.8	17.9	26.4	46.9	31.4	351.8	13.3	0.0
Abs.Max	39.0	21.7	30.4	62.2	34.7	589.8	21.2	0.0
Abs.Min	28.0	13.0	20.5	32.5	25.8	195.9	8.0	0.0
July								
Mean	38.8	22.4	30.6	46.4	30.1	345.9	14.2	0.0
Abs.Max	44.0	26.1	34.8	59.5	32.7	586.2	16.8	0.0
Abs.Min	32.8	19.0	26.2	33.0	25.9	157.1	11.5	0.0
August								
Mean	37.9	22.0	30.0	40.6	27.3	315.1	13.8	0.0
Abs.Max	47.8	29.2	38.5	47.0	31.0	653.3	20.3	0.0
Abs.Min	33.0	17.4	26.0	23.5	23.7	146.6	8.8	0.0
Mean	25.4	11.3	18.3	56.1	21.4	259.0	7.2	184.4
Abs.Max	47.8	29.2	38.5	88.9	34.7	653.3	21.2	14.2
Abs.Min	7.8	-5.0	3.0	19.7	6.1	68.9	0.2	0.0

**SUMMARY OF WEEKLY CLIMATIC DATA
GHRERIFE 1986-87 SEASON**

Week			Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH (%)	Sol. rad. (MJ/m ²)	Wind Run (km/d)	Evap. (mm)	Prec. (mm)
03	Sep-09	Sep	34.8	19.5	27.1	45.8	m	285.3	12.4	0.0
10	Sep-16	Sep	35.7	17.8	26.8	41.4	27.2	196.1	11.2	0.0
17	Sep-23	Sep	36.2	18.5	27.3	33.9	23.8	197.1	11.8	0.0
24	Sep-30	Sep	33.7	17.6	25.6	37.5	22.4	208.6	11.0	0.0
01	Oct-07	Oct	25.6	13.4	19.5	47.9	19.9	226.4	7.3	10.4
08	Oct-14	Oct	27.6	13.7	20.7	44.3	21.7	169.8	9.1	0.0
15	Oct-21	Oct	27.9	13.4	20.6	43.5	17.8	183.4	7.4	0.0
22	Oct-28	Oct	27.0	11.9	19.4	51.1	18.5	187.9	6.8	0.0
29	Oct-04	Nov	23.1	12.0	17.5	60.7	14.2	204.9	3.0	8.0
05	Nov-11	Nov	15.9	6.1	11.0	61.6	14.7	254.7	2.9	6.2
12	Nov-18	Nov	17.2	0.8	9.0	54.9	16.9	139.6	2.9	0.0
19	Nov-25	Nov	16.6	1.6	9.1	53.3	15.5	203.7	3.7	0.0
26	Nov-02	Dec	12.5	-1.4	5.5	52.0	13.2	217.4	3.0	0.8
03	Dec-09	Dec	15.4	-2.1	6.6	49.9	15.0	136.5	2.2	0.0
10	Dec-16	Dec	13.6	-1.8	5.9	54.8	13.9	104.7	2.3	0.0
17	Dec-23	Dec	13.2	4.8	9.0	70.0	10.7	409.6	2.3	12.8
24	Dec-31	Dec	11.8	4.4	8.1	69.1	10.1	258.5	1.8	16.4
01	Jan-07	Jan	10.4	3.8	7.1	72.5	9.5	243.3	0.9	19.2
08	Jan-14	Jan	13.0	3.0	8.0	70.5	13.9	264.1	1.5	2.0
15	Jan-21	Jan	14.6	0.6	7.6	71.4	14.8	118.2	2.2	0.0
22	Jan-28	Jan	11.8	4.0	7.9	78.6	10.9	254.4	1.5	30.6
29	Jan-04	Feb	15.5	5.4	10.5	80.5	13.5	192.4	2.4	7.2
05	Feb-11	Feb	14.8	4.1	9.5	74.5	16.2	282.1	2.1	3.2
12	Feb-18	Feb	18.2	6.3	12.2	67.2	17.2	286.2	2.2	15.8
19	Feb-25	Feb	17.2	5.3	11.3	72.4	17.2	293.9	2.4	0.6
26	Feb-04	Mar	13.7	4.9	9.3	75.3	14.3	231.0	2.6	2.4
05	Mar-11	Mar	m	m	m	m	14.3	337.6	1.5	16.4
12	Mar-18	Mar	11.7	2.7	7.1	74.6	16.8	297.2	2.4	10.8
19	Mar-25	Mar	16.2	2.9	9.6	67.8	22.9	231.0	2.9	7.6
26	Mar-01	Apr	19.6	5.7	12.6	69.0	24.8	196.8	3.5	0.0
02	Apr-08	Apr	21.1	7.3	14.2	65.0	25.1	238.1	4.4	8.0
09	Apr-15	Apr	23.3	10.9	17.1	67.2	24.0	233.4	4.1	5.4
16	Apr-22	Apr	22.5	8.2	15.3	61.8	26.1	256.1	5.8	0.0
23	Apr-29	Apr	24.6	8.8	16.7	60.4	26.5	247.7	5.6	0.0
30	Apr-06	May	26.1	9.4	17.8	63.0	28.6	214.3	7.8	0.0
07	May-13	May	28.1	12.8	20.5	59.8	27.7	262.1	9.7	0.0
14	May-20	May	35.9	16.5	26.2	43.9	30.2	207.7	10.9	0.0
21	May-27	May	30.5	13.8	22.1	64.6	28.2	310.7	12.3	0.0
28	May-03	Jun	31.8	16.7	24.3	55.7	27.6	314.9	11.3	0.6
04	Jun-10	Jun	33.3	16.0	24.6	46.2	32.0	335.7	12.8	0.0
11	Jun-17	Jun	35.5	19.1	27.3	44.8	30.8	301.8	10.7	0.0
18	Jun-24	Jun	35.6	18.4	27.0	45.6	32.1	438.3	16.3	0.0
25	Jun-01	Jul	37.3	19.5	28.4	45.3	31.9	309.3	13.8	0.0
02	Jul-08	Jul	34.3	20.7	27.5	55.0	30.5	470.0	14.4	0.0
09	Jul-15	Jul	37.1	20.5	28.8	49.4	31.1	370.2	13.6	0.0
16	Jul-22	Jul	40.3	22.7	31.5	46.4	30.4	316.2	13.6	0.0
23	Jul-29	Jul	42.9	25.1	34.0	39.3	28.8	255.6	15.2	0.0
30	Jul-05	Aug	40.5	23.8	32.2	43.0	27.6	302.6	15.3	0.0
06	Aug-12	Aug	42.3	25.3	33.8	35.7	27.3	284.3	m	0.0
13	Aug-19	Aug	36.5	22.1	29.3	42.2	27.3	313.1	12.8	0.0
20	Aug-26	Aug	34.9	18.9	26.9	42.2	m	374.6	15.3	0.0
27	Aug-02	Sep	35.8	19.6	27.7	37.9	m	269.0	10.8	0.0

**GHRERIFE - DAILY CLIMATIC DATA
SEPTEMBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	245	43.5	21.9	32.7	35.0	m	12.82	0.0	420.2
2	246	36.0	23.0	29.5	41.5	m	12.38	0.0	316.7
3	247	33.5	19.9	26.7	48.0	m	10.61	0.0	249.2
4	248	34.2	19.0	26.6	46.0	m	10.61	0.0	288.5
5	249	33.2	19.0	26.1	48.0	m	10.61	0.0	271.8
6	250	34.0	18.8	26.4	48.1	m	11.49	0.0	199.2
7	251	35.6	20.0	27.8	42.3	m	12.38	0.0	236.7
8	252	39.0	21.8	30.4	39.6	m	15.91	0.0	448.5
9	253	34.0	18.0	26.0	48.7	m	15.03	0.0	303.0
10	254	33.0	16.8	24.9	47.7	m	10.61	0.0	199.4
11	255	35.0	16.8	25.9	43.5	m	11.49	0.0	119.3
12	256	38.0	19.2	28.6	35.0	m	9.72	0.0	153.9
13	257	36.0	20.0	28.0	44.7	m	11.93	0.0	262.9
14	258	34.2	17.0	25.6	42.7	m	13.26	0.0	302.4
15	259	36.0	18.1	27.1	39.5	m	11.49	0.0	182.5
16	260	37.8	17.0	27.4	37.0	27.2	9.72	0.0	152.3
17	261	39.0	19.0	29.0	20.0	25.0	11.49	0.0	128.2
18	262	40.0	19.0	29.5	19.7	26.2	12.82	0.0	244.2
19	263	38.5	21.0	29.8	33.1	24.6	12.38	0.0	226.5
20	264	35.8	17.6	26.7	38.4	25.5	12.38	0.0	123.8
21	265	34.3	18.5	26.4	39.3	19.3	10.61	0.0	221.1
22	266	33.0	17.5	25.3	43.0	22.0	12.38	0.0	275.8
23	267	33.0	16.6	24.8	44.1	24.4	10.61	0.0	160.0
24	268	35.0	18.0	26.5	29.6	22.6	10.61	0.0	162.5
25	269	35.6	18.4	27.0	29.1	22.1	11.49	0.0	179.0
26	270	33.2	19.2	26.2	37.8	21.4	12.38	0.0	235.7
27	271	32.5	16.2	24.4	45.9	23.4	10.61	0.0	241.0
28	272	34.5	17.5	26.0	46.1	24.1	11.49	0.0	217.2
29	273	33.2	17.4	25.3	41.3	21.0	8.84	0.0	247.7
30	274	31.6	16.6	24.1	32.4	22.4	11.49	0.0	177.4
Mean/Total		35.4	18.6	27.0	39.6	23.4	11.66	0.0	231.6
Abs. Maximum		43.5	23.0	32.7	48.7	27.2	15.91	0.0	448.5
Abs. Minimum		31.6	16.2	24.1	19.7	19.3	8.84	0.0	119.3

**GHRERIFE - DAILY SOIL TEMPERATURE
SEPTEMBER 1986**

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	39.2	29.0	34.1	36.5	31.0	33.8	32.0	31.0	31.5
2	38.2	27.0	32.6	35.5	30.0	32.8	31.2	30.0	30.6
3	38.5	25.0	31.8	35.2	28.2	31.7	31.0	29.8	30.4
4	38.2	24.7	31.5	35.1	28.0	31.6	30.9	29.1	30.0
5	38.0	24.7	31.4	34.9	27.9	31.4	30.3	29.0	29.7
6	38.4	24.0	31.2	35.0	27.4	31.2	30.5	29.0	29.8
7	37.2	25.0	31.1	34.8	28.0	31.4	30.5	29.0	29.8
8	36.8	25.0	30.9	34.0	28.0	31.0	30.2	29.0	29.6
9	37.8	24.0	30.9	34.3	27.2	30.8	30.0	28.9	29.5
10	36.6	23.0	29.8	33.6	26.4	30.0	29.8	28.0	28.9
11	38.1	23.0	30.6	34.5	26.3	30.4	30.0	28.0	29.0
12	39.1	23.5	31.3	35.2	27.0	31.1	30.2	28.6	29.4
13	38.4	25.0	31.7	35.0	28.0	31.5	30.2	29.0	29.6
14	36.5	22.1	29.3	33.5	26.1	29.8	30.0	28.1	29.1
15	37.8	22.6	30.2	33.9	26.1	30.0	29.8	28.0	28.9
16	38.6	22.0	30.3	34.4	26.0	30.2	29.9	28.0	29.0
17	39.2	21.8	30.5	34.9	26.0	30.5	30.0	28.0	29.0
18	39.0	22.0	30.5	35.0	26.0	30.5	30.0	28.1	29.1
19	39.2	22.4	30.8	35.1	26.3	30.7	30.0	28.5	29.3
20	38.2	21.5	29.9	34.3	25.9	30.1	29.9	28.0	29.0
21	35.3	23.3	29.3	32.8	27.0	29.9	29.6	28.5	29.1
22	36.0	21.7	28.9	32.9	25.7	29.3	29.0	27.6	28.3
23	37.0	20.8	28.9	33.2	24.8	29.0	28.9	27.0	28.0
24	37.3	20.9	29.1	33.3	25.0	29.2	29.0	27.1	28.1
25	36.6	22.2	29.4	33.3	26.0	29.7	29.0	27.8	28.4
26	36.4	22.8	29.6	33.0	26.0	29.5	29.0	27.6	28.3
27	36.0	21.0	28.5	32.8	25.0	28.9	28.6	27.0	27.8
28	36.8	21.2	29.0	33.2	25.0	29.1	28.6	27.0	27.8
29	35.8	21.2	28.5	32.6	25.2	28.9	28.5	27.0	27.8
30	35.5	20.5	28.0	32.0	25.0	28.5	28.0	26.8	27.4
Mean	37.5	23.1	30.3	34.1	26.7	30.4	29.8	28.2	29.1
Abs.Max.	39.2	29.0	34.1	36.5	31.0	33.8	32.0	31.0	31.5
Abs.Min.	35.3	20.5	28.0	32.0	24.8	28.5	28.0	26.8	27.4

**GHRERIFE - DAILY CLIMATIC DATA
OCTOBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	275	25.6	16.0	20.8	55.6	14.0	3.81	10.0	366.8
2	276	21.6	15.2	18.4	55.6	17.8	4.82	0.4	231.9
3	277	23.4	12.8	18.1	50.5	18.4	8.84	0.0	173.8
4	278	25.0	12.0	18.5	49.9	21.7	7.96	0.0	255.5
5	279	26.5	12.0	19.3	47.5	23.7	8.84	0.0	139.7
6	280	29.0	11.0	20.0	39.4	22.1	8.84	0.0	188.5
7	281	28.0	15.0	21.5	36.6	21.4	7.96	0.0	228.5
8	282	29.5	12.0	20.8	34.0	21.2	8.84	0.0	258.5
9	283	28.5	15.9	22.2	41.6	20.4	8.84	0.0	190.3
10	284	28.0	14.0	21.0	46.5	20.4	8.84	0.0	150.0
11	285	27.3	14.5	20.9	47.0	21.7	10.61	0.0	201.8
12	286	27.0	13.0	20.0	46.8	21.0	8.84	0.0	129.7
13	287	27.7	12.1	19.9	46.5	21.2	8.84	0.0	172.3
14	288	25.5	14.1	19.8	47.5	26.1	8.84	0.0	86.2
15	289	27.0	12.0	19.5	43.5	14.4	8.84	0.0	128.5
16	290	30.8	12.8	21.8	35.1	20.4	9.37	0.0	216.0
17	291	31.0	14.5	22.8	35.6	19.1	8.84	0.0	111.6
18	292	27.2	16.0	21.6	48.4	15.7	6.19	0.0	265.3
19	293	26.0	13.4	19.7	50.5	9.0	6.19	0.0	243.6
20	294	25.0	12.6	18.8	50.3	16.3	6.19	0.0	105.6
21	295	28.0	12.5	20.3	41.0	29.6	6.19	0.0	212.9
22	296	25.0	15.6	20.3	52.1	17.9	6.19	0.0	330.0
23	297	24.0	13.0	18.5	58.0	17.8	6.19	0.0	155.5
24	298	25.0	9.8	17.4	59.4	19.7	6.19	0.0	119.4
25	299	27.2	10.8	19.0	51.0	19.8	6.19	0.0	151.5
26	300	29.0	10.0	19.5	47.3	19.6	6.19	0.0	243.8
27	301	29.0	11.8	20.4	45.3	17.3	7.96	0.0	199.1
28	302	29.5	12.3	20.9	45.0	17.8	8.84	0.0	116.1
29	303	29.9	12.5	21.2	43.2	16.5	8.84	0.0	162.5
30	304	31.0	17.0	24.0	43.5	18.0	0.35	3.0	220.4
31	305	22.0	13.8	17.9	64.8	7.6	0.58	5.0	287.2
Mean/Total		27.1	13.2	20.1	47.1	18.9	7.23	18.4	194.9
Abs. Maximum		31.0	17.0	24.0	64.8	29.6	10.61	10.0	366.8
Abs. Minimum		21.6	9.8	17.4	34.0	7.6	0.35	0.0	86.2

**GHRERIFE - DAILY SOIL TEMPERATURE
OCTOBER 1986**

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	27.9	20.0	24.0	27.0	24.0	25.5	27.8	25.2	26.5
2	23.4	16.6	20.0	24.0	21.0	22.5	25.2	23.8	24.5
3	25.0	14.2	19.6	24.9	19.0	22.0	23.5	22.2	22.9
4	25.5	14.0	19.8	25.0	18.9	22.0	23.5	22.2	22.9
5	29.0	14.0	21.5	27.0	18.5	22.8	24.0	22.0	23.0
6	30.0	15.0	22.5	27.5	19.2	23.4	24.2	22.5	23.4
7	29.0	16.2	22.6	27.0	20.9	24.0	24.2	23.0	23.6
8	29.2	15.9	22.6	27.2	20.0	23.6	24.5	23.0	23.8
9	30.5	18.7	24.6	28.0	22.0	25.0	25.0	23.2	24.1
10	29.5	17.4	23.5	27.2	21.0	24.1	24.9	23.5	24.2
11	29.0	17.2	23.1	27.0	21.0	24.0	24.8	23.5	24.2
12	29.1	16.5	22.8	27.0	20.4	23.7	24.5	23.0	23.8
13	29.0	17.0	23.0	27.0	20.4	23.7	24.2	23.0	23.6
14	28.5	18.1	23.3	26.7	21.5	24.1	24.2	23.2	23.7
15	27.9	16.1	22.0	26.0	20.0	23.0	24.0	23.0	23.5
16	29.8	16.2	23.0	27.0	20.0	23.5	24.0	22.8	23.4
17	29.8	17.1	23.5	27.4	20.8	24.1	24.0	22.8	23.4
18	25.8	18.2	22.0	25.0	21.3	23.2	23.9	22.9	23.4
19	25.8	16.0	20.9	24.5	19.5	22.0	23.0	22.0	22.5
20	28.1	16.5	22.3	26.1	19.9	23.0	23.2	22.0	22.6
21	26.8	16.8	21.8	25.2	20.0	22.6	23.2	22.0	22.6
22	26.2	18.0	22.1	25.2	21.0	23.1	23.0	22.2	22.6
23	26.8	16.8	21.8	25.1	20.1	22.6	23.0	22.0	22.5
24	27.4	15.0	21.2	25.5	19.0	22.3	22.9	21.5	22.2
25	27.8	14.8	21.3	25.6	18.8	22.2	22.9	21.5	22.2
26	27.8	14.6	21.2	25.8	18.8	22.3	22.9	21.5	22.2
27	26.4	15.1	20.8	25.0	19.0	22.0	22.5	21.7	22.1
28	27.8	16.0	21.9	25.9	19.3	22.6	23.0	21.5	22.3
29	27.0	16.8	21.9	25.5	20.0	22.8	23.0	22.0	22.5
30	29.9	18.1	24.0	27.3	21.1	24.2	24.0	22.5	23.3
31	21.2	15.8	18.5	24.0	18.8	21.4	23.8	21.0	22.4
Mean	27.6	16.4	22.0	26.1	20.2	23.1	23.9	22.5	23.2
Abs.Max.	30.5	20.0	24.6	28.0	24.0	25.5	27.8	25.2	26.5
Abs.Min.	21.2	14.0	18.5	24.0	18.5	21.4	22.5	21.0	22.1

**GHRERIFE - DAILY CLIMATIC DATA
NOVEMBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	306	22.8	11.2	17.0	67.5	15.2	2.65	0.0	302.3
2	307	19.0	12.5	15.8	70.7	15.2	3.01	0.0	204.8
3	308	18.0	10.0	14.0	70.0	10.3	2.65	0.0	144.6
4	309	19.0	6.8	12.9	65.0	16.3	2.65	0.0	112.5
5	310	21.0	9.0	15.0	60.0	17.4	2.65	0.0	128.0
6	311	16.0	10.0	13.0	73.9	18.6	0.90	6.2	322.4
7	312	18.2	9.2	13.7	61.6	8.0	4.42	0.0	176.2
8	313	15.9	7.5	11.7	65.5	9.8	2.65	0.0	436.3
9	314	14.0	5.0	9.5	56.5	16.4	2.65	0.0	217.1
10	315	13.9	0.7	7.3	57.7	17.7	3.54	0.0	277.1
11	316	12.0	1.6	6.8	56.3	15.3	3.54	0.0	225.6
12	317	14.0	-0.2	6.9	52.4	17.2	0.88	0.0	123.9
13	318	19.0	-2.0	8.5	49.5	17.6	4.42	0.0	138.7
14	319	19.0	2.2	10.6	61.4	17.0	4.42	0.0	144.7
15	320	17.9	1.9	9.9	63.6	16.7	2.65	0.0	127.5
16	321	17.9	1.5	9.7	51.9	16.9	2.65	0.0	195.7
17	322	16.0	0.8	8.4	52.3	16.9	2.65	0.0	112.6
18	323	16.7	1.5	9.1	53.0	16.0	2.65	0.0	134.4
19	324	16.6	3.0	9.8	54.0	15.7	2.65	0.0	142.1
20	325	17.0	0.0	8.5	53.7	16.4	4.42	0.0	384.6
21	326	16.0	5.0	10.5	56.5	15.3	4.42	0.0	270.8
22	327	16.0	4.8	10.4	53.0	15.1	2.65	0.0	122.9
23	328	16.8	0.0	8.4	53.8	19.5	4.42	0.0	290.5
24	329	17.0	-0.5	8.3	50.0	12.1	3.98	0.0	104.0
25	330	17.0	-1.0	8.0	52.0	14.5	3.54	0.0	111.0
26	331	16.0	-1.0	7.5	53.3	15.1	2.65	0.0	110.5
27	332	14.8	-0.2	7.3	53.0	12.3	2.40	0.0	269.8
28	333	13.0	1.0	7.0	59.5	12.4	3.45	0.8	471.1
29	334	11.8	2.0	6.9	53.0	8.8	3.54	0.0	244.5
30	335	11.0	-3.0	4.0	48.3	14.0	m	0.0	154.7
Mean/Total		16.4	3.3	9.9	57.6	15.0	3.1	7.0	206.7
Abs. Maximum		22.8	12.5	17.0	73.9	19.5	4.42	6.2	471.1
Abs. Minimum		11.0	-3.0	4.0	48.3	8.0	0.88	0.0	104.0

**GHRERIFE - DAILY SOIL TEMPERATURE
NOVEMBER 1986**

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	23.0	14.0	18.5	22.2	17.6	19.9	21.0	20.0	20.5
2	18.0	14.0	16.0	19.7	17.5	18.6	21.0	19.8	20.4
3	18.2	12.0	15.1	19.0	15.8	17.4	19.8	19.0	19.4
4	20.7	10.0	15.4	20.0	14.0	17.0	19.0	18.0	18.5
5	21.3	10.7	16.0	20.7	14.7	17.7	19.4	18.0	18.7
6	16.1	12.0	14.1	18.2	15.1	16.7	19.3	17.5	18.4
7	18.0	10.2	14.1	18.1	14.0	16.1	17.8	17.0	17.4
8	12.8	8.8	10.8	15.0	12.6	13.8	17.2	16.0	16.6
9	14.8	6.8	10.8	15.0	11.0	13.0	16.0	15.0	15.5
10	13.6	5.0	9.3	14.2	9.8	12.0	15.2	14.2	14.7
11	12.8	3.8	8.3	13.2	8.2	10.7	14.1	13.1	13.6
12	14.1	4.1	9.1	14.1	8.3	11.2	14.0	13.0	13.5
13	14.2	2.5	8.4	14.0	7.2	10.6	14.0	12.8	13.4
14	15.2	4.0	9.6	15.0	8.2	11.6	14.0	13.0	13.5
15	16.5	5.2	10.9	15.8	9.4	12.6	15.0	13.0	14.0
16	15.0	5.0	10.0	15.0	9.4	12.2	14.7	13.7	14.2
17	15.0	4.8	9.9	14.6	9.0	11.8	14.2	13.4	13.8
18	15.0	5.6	10.3	15.0	9.5	12.3	14.2	13.2	13.7
19	16.0	6.4	11.2	15.3	10.0	12.7	14.4	13.2	13.8
20	14.7	5.0	9.9	14.2	9.0	11.6	14.0	13.0	13.5
21	13.0	7.0	10.0	13.6	10.0	11.8	13.6	13.0	13.3
22	15.2	6.7	11.0	14.8	10.0	12.4	13.8	13.0	13.4
23	14.8	4.0	9.4	14.0	8.0	11.0	13.2	12.2	12.7
24	14.2	3.2	8.7	13.7	7.7	10.7	13.0	12.0	12.5
25	13.7	3.5	8.6	13.0	7.5	10.3	12.6	11.8	12.2
26	13.3	3.0	8.2	12.8	7.0	9.9	12.2	11.2	11.7
27	13.0	6.0	9.5	12.2	8.5	10.4	12.0	11.0	11.5
28	12.1	6.3	9.2	12.0	8.7	10.4	11.8	11.0	11.4
29	11.6	6.0	8.8	11.1	8.5	9.8	11.5	10.9	11.2
30	11.0	3.2	7.1	10.7	6.3	8.5	10.9	10.0	10.5
Mean	15.2	6.6	10.9	15.2	10.4	12.8	15.1	14.1	14.6
Abs.Max.	23.0	14.0	18.5	22.2	17.6	19.9	21.0	20.0	20.5
Abs.Min.	11.0	2.5	7.1	10.7	6.3	8.5	10.9	10.0	10.5

**GHRERIFE - DAILY CLIMATIC DATA
DECEMBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	336	10.0	-3.8	3.1	45.9	14.8	m	0.0	145.1
2	337	11.0	-5.0	3.0	50.8	15.0	m	0.0	126.3
3	338	13.0	-5.0	4.0	46.3	15.3	m	0.0	105.1
4	339	12.2	-4.0	4.1	48.1	14.1	1.41	0.0	142.5
5	340	16.3	-2.0	7.2	49.3	14.8	1.77	0.0	116.6
6	341	18.0	0.0	9.0	53.0	15.3	2.65	0.0	121.7
7	342	17.0	0.0	8.5	49.4	15.2	2.65	0.0	129.9
8	343	17.0	-2.2	7.4	50.2	15.2	2.65	0.0	201.0
9	344	14.0	-1.3	6.4	53.1	14.8	1.77	0.0	138.6
10	345	15.2	-2.2	6.5	58.3	14.4	3.54	0.0	109.8
11	346	14.2	-2.0	6.1	59.5	15.2	1.77	0.0	95.1
12	347	13.7	-3.4	5.2	53.9	14.3	2.65	0.0	113.0
13	348	12.0	-3.0	4.5	48.9	14.0	2.65	0.0	93.4
14	349	12.1	-2.0	5.1	51.7	13.5	1.77	0.0	115.4
15	350	13.5	-1.0	6.3	55.5	10.7	1.77	0.0	94.5
16	351	14.2	1.0	7.6	55.5	15.1	1.77	0.0	111.4
17	352	14.0	-1.0	6.5	62.5	11.5	3.54	0.0	585.8
18	353	12.0	7.0	9.5	72.8	10.4	2.65	0.0	652.1
19	354	7.8	4.0	5.9	80.5	6.1	3.55	6.2	455.5
20	355	13.0	1.8	7.4	73.2	9.2	0.55	3.2	413.9
21	356	14.8	7.0	10.9	66.1	11.0	1.23	3.0	337.4
22	357	14.0	7.0	10.5	70.3	12.6	2.17	0.4	221.6
23	358	17.0	8.0	12.5	64.8	14.3	2.21	0.0	200.8
24	359	12.0	6.0	9.0	74.5	9.1	1.77	0.0	160.1
25	360	11.1	2.3	6.7	76.1	9.5	1.77	0.0	130.7
26	361	15.0	6.2	10.6	67.5	11.3	1.23	3.0	235.4
27	362	12.2	6.0	9.1	69.5	9.3	2.65	0.0	392.4
28	363	11.2	6.0	8.6	68.5	11.8	0.88	0.0	424.1
29	364	9.4	5.0	7.2	73.0	8.2	3.76	12.6	260.9
30	365	9.3	1.0	5.2	58.4	7.4	1.08	0.2	266.1
31	366	14.0	2.5	8.3	65.0	14.3	1.48	0.6	198.1
Mean/Total		13.2	1.1	7.1	60.4	12.5	2.12	29.2	222.4
Abs. Maximum		18.0	8.0	12.5	80.5	15.3	3.76	12.6	652.1
Abs. Minimum		7.8	-5.0	3.0	45.9	6.1	0.55	0.0	93.4

**GHRERIFE - DAILY SOIL TEMPERATURE
DECEMBER 1986**

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	10.0	1.1	5.6	9.7	4.7	7.2	10.0	9.0	9.5
2	11.5	1.5	6.5	10.0	4.8	7.4	9.7	8.8	9.3
3	12.2	1.7	7.0	10.8	4.8	7.8	9.8	8.6	9.2
4	13.0	-3	6.4	10.2	4.0	7.1	11.5	8.9	10.2
5	14.4	1.1	7.8	10.0	3.7	6.9	11.8	10.3	11.1
6	16.0	3.0	9.5	11.3	4.7	8.0	12.2	11.0	11.6
7	16.0	3.3	9.7	11.3	5.4	8.4	12.5	11.3	11.9
8	15.3	2.3	8.8	11.0	4.8	7.9	12.2	11.0	11.6
9	14.8	2.8	8.8	10.5	5.0	7.8	12.0	11.1	11.6
10	14.4	2.0	8.2	10.0	4.2	7.1	12.0	11.0	11.5
11	15.3	2.0	8.7	12.9	4.2	8.6	11.8	10.0	10.9
12	14.7	2.3	8.5	12.0	6.4	9.2	10.2	9.2	9.7
13	13.9	2.7	8.3	11.3	6.3	8.8	10.0	9.0	9.5
14	13.9	3.2	8.6	11.5	6.8	9.2	10.0	9.0	9.5
15	14.0	4.4	9.2	11.9	7.5	9.7	10.0	9.2	9.6
16	15.6	5.8	10.7	13.0	8.4	10.7	10.8	9.8	10.3
17	12.0	4.0	8.0	11.0	7.5	9.3	10.5	9.5	10.0
18	12.8	8.8	10.8	12.0	10.0	11.0	10.0	10.0	10.0
19	9.8	7.0	8.4	11.0	9.0	10.0	10.0	9.0	9.5
20	11.8	5.2	8.5	10.9	7.7	9.3	9.8	8.4	9.1
21	12.4	7.5	10.0	12.2	9.8	11.0	10.2	9.6	9.9
22	15.0	7.2	11.1	13.5	9.2	11.4	10.7	9.3	10.0
23	16.7	8.3	12.5	15.0	10.7	12.9	11.3	10.2	10.8
24	12.0	7.2	9.6	12.0	10.0	11.0	11.0	10.1	10.6
25	12.5	6.5	9.5	12.0	9.0	10.5	10.4	9.8	10.1
26	14.2	8.4	11.3	13.2	10.0	11.6	11.0	10.0	10.5
27	11.5	6.1	8.8	11.6	9.0	10.3	11.0	9.8	10.4
28	9.5	5.9	7.7	10.0	8.2	9.1	9.8	9.0	9.4
29	8.1	6.0	7.1	9.0	8.0	8.5	9.2	8.6	8.9
30	8.8	3.8	6.3	9.2	6.2	7.7	8.7	8.0	8.4
31	13.0	3.8	8.4	12.0	5.8	8.9	9.2	7.5	8.4
Mean	13.1	4.3	8.7	11.4	7.0	9.2	10.6	9.5	10.1
Abs.Max.	16.7	8.8	12.5	15.0	10.7	12.9	12.5	11.3	11.9
Abs.Min.	8.1	-0.3	5.6	9.0	3.7	6.9	8.7	7.5	8.4

**GHRERIFE - DAILY CLIMATIC DATA
JANUARY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	1	9.5	7.0	8.3	77.4	6.7	0.98	5.4	144.3
2	2	10.7	2.5	6.6	71.1	11.4	1.13	8.2	263.0
3	3	9.0	-1.3	3.9	70.0	10.7	1.77	0.0	278.2
4	4	10.2	6.1	8.2	77.9	8.2	0.83	2.6	123.6
5	5	11.8	4.2	8.0	72.9	10.8	0.88	0.0	309.8
6	6	8.9	3.8	6.4	71.6	7.6	0.35	3.0	179.7
7	7	13.0	4.2	8.6	66.3	11.0	0.44	0.0	404.7
8	8	14.4	8.0	11.2	73.0	10.7	0.56	1.0	346.9
9	9	13.2	6.2	9.7	72.4	10.7	1.00	1.0	379.3
10	10	13.7	2.0	7.9	62.6	15.7	2.65	0.0	354.4
11	11	12.0	1.0	6.5	70.5	15.3	2.21	0.0	309.6
12	12	12.3	2.0	7.2	67.1	14.2	1.77	0.0	239.8
13	13	12.3	1.9	7.1	73.1	15.0	1.77	0.0	120.8
14	14	13.0	0.0	6.5	74.5	15.6	0.88	0.0	98.2
15	15	14.0	-1.0	6.5	75.5	14.9	1.77	0.0	173.8
16	16	12.9	-1.0	6.0	79.1	14.9	1.77	0.0	68.9
17	17	14.0	0.5	7.3	75.9	14.9	1.77	0.0	87.0
18	18	15.3	-0.5	7.4	71.0	15.8	3.09	0.0	142.4
19	19	15.6	0.2	7.9	66.5	16.7	2.65	0.0	155.3
20	20	15.2	1.8	8.5	65.0	13.2	2.65	0.0	121.3
21	21	15.0	4.0	9.5	66.6	12.9	1.77	0.0	78.9
22	22	16.4	2.0	9.2	67.7	16.3	1.12	2.0	148.2
23	23	9.8	4.4	7.1	85.1	7.1	1.46	5.0	152.8
24	24	11.0	5.0	8.0	83.0	10.4	2.18	6.6	254.6
25	25	12.8	5.6	9.2	78.5	12.4	1.39	12.0	387.2
26	26	8.6	2.0	5.3	75.0	11.1	0.88	0.0	325.4
27	27	11.3	0.7	6.0	79.2	12.3	0.88	0.0	234.6
28	28	12.4	8.0	10.2	82.0	6.8	2.35	5.0	277.8
29	29	14.0	8.0	11.0	78.3	7.4	2.21	0.0	293.0
30	30	15.3	6.1	10.7	81.5	12.5	1.99	0.0	269.5
31	31	15.9	5.3	10.6	80.0	16.6	2.65	0.0	121.9
Mean/Total		12.7	3.2	7.9	73.9	12.3	1.61	51.8	220.8
Abs.Maximum		16.4	8.0	11.2	85.1	16.7	3.09	12.0	404.7
Abs.Minimum		8.6	-1.3	3.9	62.6	6.7	0.35	0.0	68.9

**GHRERIFE - DAILY SOIL TEMPERATURE
JANUARY 1987**

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	10.0	8.8	9.4	10.3	9.4	9.9	9.9	9.1	9.5
2	12.0	6.0	9.0	11.7	8.5	10.1	9.8	9.0	9.4
3	8.4	4.0	6.2	9.0	6.2	7.6	9.0	8.0	8.5
4	10.6	7.0	8.8	10.3	8.1	9.2	9.0	8.1	8.6
5	12.2	7.8	10.0	11.8	9.0	10.4	9.6	9.0	9.3
6	8.8	6.0	7.4	9.2	8.0	8.6	9.2	8.2	8.7
7	9.2	4.6	6.9	9.3	6.8	8.1	8.3	7.8	8.1
8	11.3	7.9	9.6	11.0	9.0	10.0	9.8	8.2	9.0
9	10.8	7.3	9.1	10.8	9.0	9.9	9.6	9.0	9.3
10	12.0	6.0	9.0	11.5	8.5	10.0	9.2	8.8	9.0
11	12.4	3.8	8.1	11.0	6.2	8.6	9.0	8.0	8.5
12	11.5	4.1	7.8	10.3	6.7	8.5	8.8	7.8	8.3
13	13.2	5.2	9.2	11.9	7.1	9.5	9.0	8.0	8.5
14	13.5	4.0	8.8	11.8	6.4	9.1	9.0	7.9	8.5
15	13.7	3.9	8.8	11.5	6.3	8.9	9.0	7.9	8.5
16	13.0	3.8	8.4	11.1	6.0	8.6	9.0	7.6	8.3
17	13.8	3.8	8.8	11.8	6.0	8.9	9.0	7.6	8.3
18	14.2	4.0	9.1	12.2	6.2	9.2	9.2	7.8	8.5
19	14.0	4.1	9.1	12.1	6.9	9.5	9.2	8.0	8.6
20	13.9	5.8	9.9	12.0	7.8	9.9	9.5	8.3	8.9
21	13.8	6.5	10.2	12.1	8.1	10.1	9.8	8.8	9.3
22	15.0	5.8	10.4	13.0	7.8	10.4	10.0	8.8	9.4
23	10.2	7.2	8.7	10.5	8.9	9.7	9.9	9.0	9.5
24	10.2	6.8	8.5	10.0	8.0	9.0	9.0	8.2	8.6
25	10.3	6.3	8.3	10.1	7.9	9.0	8.6	8.0	8.3
26	8.3	3.9	6.1	8.9	6.1	7.5	8.0	7.0	7.5
27	8.2	3.0	5.6	8.0	5.0	6.5	7.0	6.0	6.5
28	8.9	7.0	8.0	9.0	8.0	8.5	7.6	7.0	7.3
29	10.2	7.1	8.7	10.2	8.2	9.2	8.6	7.8	8.2
30	13.0	6.4	9.7	11.9	8.0	10.0	9.0	8.0	8.5
31	15.2	6.8	11.0	13.5	8.5	11.0	10.0	8.6	9.3
Mean	11.7	5.6	8.7	10.9	7.5	9.2	9.1	8.1	8.6
Abs.Max.	15.2	8.8	11.0	13.5	9.4	11.0	10.0	9.1	9.5
Abs.Min.	8.2	3.0	5.6	8.0	5.0	6.5	7.0	6.0	6.5

**GHRERIFE - DAILY CLIMATIC DATA
FEBRUARY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	32	13.0	2.5	7.8	88.9	12.6	2.65	0.0	70.3
2	33	15.0	4.0	9.5	82.6	12.6	1.77	0.0	134.7
3	34	18.3	5.0	11.7	76.0	14.5	3.66	7.2	162.4
4	35	17.0	7.2	12.1	75.9	17.9	1.77	0.0	294.7
5	36	16.2	5.0	10.6	68.1	19.8	1.77	0.0	204.8
6	37	14.5	1.5	8.0	68.9	15.5	1.77	0.0	521.4
7	38	14.7	5.8	10.3	73.8	14.0	2.65	0.0	325.7
8	39	14.0	3.3	8.7	79.4	14.5	2.65	0.0	168.1
9	40	12.2	6.0	9.1	86.9	11.2	0.55	3.2	159.8
10	41	16.0	5.0	10.5	71.5	19.1	2.65	0.0	246.6
11	42	16.0	2.1	9.1	72.6	19.3	2.65	0.0	348.5
12	43	17.0	5.2	11.1	65.4	18.6	1.77	0.0	243.6
13	44	17.5	1.7	9.6	67.6	19.3	2.65	0.0	352.4
14	45	18.9	8.9	13.9	52.5	16.6	2.21	0.0	477.6
15	46	20.5	8.6	14.6	62.1	18.0	2.65	0.0	120.3
16	47	19.3	6.7	13.0	71.0	19.0	1.77	0.0	275.1
17	48	17.0	7.0	12.0	78.6	16.3	0.72	1.6	260.3
18	49	17.0	6.0	11.5	73.0	12.5	3.59	14.2	273.8
19	50	13.0	6.2	9.6	83.5	11.5	0.88	0.0	193.2
20	51	17.0	4.2	10.6	72.5	19.6	2.65	0.0	153.4
21	52	17.2	3.0	10.1	70.5	21.4	2.65	0.0	168.1
22	53	18.2	3.0	10.6	68.5	20.0	1.77	0.0	358.0
23	54	20.8	3.6	12.2	62.5	20.5	1.77	0.0	537.9
24	55	19.5	8.7	14.1	66.0	19.3	1.77	0.0	297.7
25	56	15.0	8.5	11.8	83.4	8.0	5.02	0.6	348.9
26	57	17.0	6.9	12.0	74.2	15.1	2.65	0.0	204.5
27	58	12.5	5.0	8.8	79.3	13.5	3.54	0.0	170.7
28	59	10.2	4.8	7.5	79.5	13.1	1.76	0.0	221.9
29	60								
Mean/Total		16.2	5.2	10.7	73.4	16.2	2.30	26.8	260.5
Abs.Maximum		20.8	8.9	14.6	88.9	21.4	5.02	14.2	537.9
Abs.Minimum		10.2	1.5	7.5	52.5	8.0	0.55	0.0	70.3

**GHRERIFE - DAILY SOIL TEMPERATURE
FEBRUARY 1987**

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	13.0	6.2	9.6	9.8	8.4	10.2	9.8	8.9	9.4
2	13.0	6.9	10.0	9.8	8.7	10.4	9.8	9.0	9.4
3	15.2	8.0	11.6	10.2	9.4	11.6	10.2	9.0	9.6
4	15.2	8.0	11.6	10.8	9.8	11.9	10.8	9.6	10.2
5	15.0	7.1	11.1	10.5	9.2	11.6	10.5	9.5	10.0
6	13.9	5.1	9.5	10.1	7.8	10.2	10.1	9.0	9.6
7	12.0	6.8	9.4	9.7	8.6	10.2	9.7	9.0	9.4
8	13.0	6.1	9.6	9.8	8.1	10.1	9.8	8.8	9.3
9	11.0	7.2	9.1	9.4	9.0	10.0	9.4	9.0	9.2
10	14.0	7.0	10.5	10.0	9.0	11.0	10.0	9.0	9.5
11	14.8	5.8	10.3	10.0	7.9	10.5	10.0	8.6	9.3
12	16.0	7.0	11.5	12.6	8.8	11.4	12.6	10.0	11.3
13	15.4	6.4	10.9	12.7	8.8	11.4	12.7	11.1	11.9
14	14.8	9.0	11.9	13.0	10.3	12.1	13.0	12.0	12.5
15	18.2	10.0	14.1	14.0	11.3	13.8	14.0	12.6	13.3
16	16.0	9.0	12.5	14.0	11.0	13.0	14.0	13.0	13.5
17	15.0	10.0	12.5	13.2	11.2	12.7	13.2	12.8	13.0
18	12.1	8.1	10.1	13.0	10.0	11.0	13.0	12.0	12.5
19	11.4	7.8	9.6	12.0	10.0	11.0	12.0	11.5	11.8
20	14.9	5.9	10.4	12.0	8.0	10.8	12.0	10.6	11.3
21	16.0	6.0	11.0	12.8	8.4	11.6	12.8	11.0	11.9
22	15.2	6.0	10.6	12.8	8.9	11.5	12.8	11.2	12.0
23	16.0	7.3	11.7	13.0	9.9	12.4	13.0	12.0	12.5
24	15.0	9.8	12.4	13.0	11.2	12.9	13.0	12.2	12.6
25	13.0	10.2	11.6	13.0	11.9	12.5	13.0	12.5	12.8
26	14.0	9.0	11.5	13.0	10.8	12.2	13.0	12.0	12.5
27	12.0	7.6	9.8	12.8	9.8	10.9	12.8	11.8	12.3
28	12.0	7.8	9.9	12.0	9.7	10.9	12.0	11.4	11.7
Mean	14.2	7.5	10.9	13.3	9.5	11.4	11.8	10.7	11.2
Abs.Max.	18.2	10.2	14.1	16.3	11.9	13.8	14.0	13.0	13.5
Abs.Min.	11.0	5.1	9.1	11.0	7.8	10.0	9.4	8.6	9.2

GHRERIFE - DAILY CLIMATIC DATA
MARCH 1987

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	61	10.8	3.0	6.9	70.5	11.3	2.21	0.0	338.2
2	62	14.8	6.8	10.8	70.5	18.2	2.65	0.0	234.7
3	63	13.5	5.3	9.4	78.8	12.8	2.65	0.0	118.3
4	64	17.0	2.5	9.8	74.4	16.5	2.40	2.4	328.7
5	65	m	m	m	m	14.8	3.28	2.4	453.2
6	66	m	m	m	m	11.5	1.00	1.0	376.1
7	67	m	m	m	m	13.6	1.23	3.0	325.2
8	68	m	m	m	m	11.3	0.23	2.0	108.1
9	69	m	m	m	m	20.7	1.46	5.0	439.3
10	70	m	m	m	m	14.9	2.56	3.0	429.0
11	71	m	m	m	m	13.3	0.44	0.0	232.4
12	72	12.0	m	m	78.0	19.3	0.39	2.6	401.4
13	73	10.4	2.4	6.4	71.0	17.1	2.65	0.0	292.8
14	74	10.4	-0.4	5.0	70.7	17.9	3.76	0.0	234.5
15	75	10.0	2.6	6.3	76.4	12.7	2.65	0.0	134.4
16	76	10.9	0.0	5.5	74.3	19.4	1.66	5.2	319.0
17	77	13.0	5.4	9.2	77.0	20.6	2.65	0.0	302.5
18	78	15.0	6.0	10.5	74.9	10.8	3.00	3.0	395.5
19	79	12.0	0.2	6.1	64.4	30.5	2.65	0.0	333.6
20	80	12.0	-2.1	5.0	63.9	22.2	1.77	0.0	156.7
21	81	15.6	-1.0	7.3	64.8	32.0	3.54	0.0	165.0
22	82	18.8	0.8	9.8	67.3	32.0	2.65	0.0	153.9
23	83	19.0	1.8	10.4	67.6	10.3	2.65	0.0	364.4
24	84	19.8	12.0	15.9	69.7	14.7	1.60	1.6	227.5
25	85	16.0	8.9	12.5	76.7	18.8	5.12	6.0	215.7
26	86	16.0	8.0	12.0	78.0	23.9	2.65	0.0	396.4
27	87	17.0	5.0	11.0	71.5	23.9	3.54	0.0	69.2
28	88	16.0	4.0	10.0	68.3	22.0	2.65	0.0	147.5
29	89	18.2	5.3	11.8	68.3	23.0	3.54	0.0	139.6
30	90	20.8	4.2	12.5	68.0	27.5	2.65	0.0	141.7
31	91	23.0	6.8	14.9	61.8	27.5	4.42	0.0	151.0
Mean/Total		15.1	3.8	9.5	71.1	18.9	2.46	37.2	262.1
Abs. Maximum		23.0	12.0	15.9	78.8	32.0	5.12	6.0	453.2
Abs. Minimum		10.0	-2.1	5.0	61.8	10.3	0.23	0.0	69.2

**GHRERIFE - DAILY SOIL TEMPERATURE
MARCH 1987**

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	9.8	6.5	8.2	11.8	8.9	9.6	11.8	11.0	11.4
2	15.4	7.8	11.6	12.2	9.0	11.4	12.2	10.7	11.5
3	13.1	8.1	10.6	12.1	10.0	11.4	12.1	11.5	11.8
4	14.1	6.8	10.5	12.0	9.0	11.0	12.0	11.0	11.5
5	13.3	9.9	11.6	12.2	11.0	12.0	12.2	12.0	12.1
6	10.0	8.0	9.0	12.0	9.9	10.7	12.0	11.0	11.5
7	11.2	6.0	8.6	11.0	8.1	9.6	11.0	10.0	10.5
8	10.5	7.3	8.9	11.0	9.2	10.0	11.0	10.8	10.9
9	13.4	5.0	9.2	11.0	7.7	9.6	11.0	10.0	10.5
10	10.8	7.6	9.2	11.0	9.2	9.8	11.0	10.6	10.8
11	10.0	6.0	8.0	10.6	8.0	9.0	10.6	9.8	10.2
12	11.1	4.0	7.6	10.0	6.8	8.4	10.0	9.0	9.5
13	10.8	6.0	8.4	10.0	8.0	9.0	10.0	9.4	9.7
14	9.5	3.5	6.5	9.6	6.0	7.4	9.6	8.8	9.2
15	10.5	4.5	7.5	9.5	6.6	7.9	9.5	8.7	9.1
16	13.6	4.0	8.8	10.0	6.5	8.6	10.0	8.6	9.3
17	14.0	6.9	10.5	11.0	8.2	10.1	11.0	9.8	10.4
18	10.3	7.1	8.7	10.9	9.0	9.6	10.9	10.0	10.5
19	14.2	5.5	9.9	10.6	8.0	9.7	10.6	10.0	10.3
20	16.9	3.9	10.4	10.9	6.8	9.5	10.9	9.1	10.0
21	18.0	4.9	11.5	11.8	7.6	10.6	11.8	9.9	10.9
22	19.9	6.0	13.0	12.8	8.8	11.9	12.8	10.8	11.8
23	16.8	7.8	12.3	13.0	10.0	12.0	13.0	11.8	12.4
24	16.3	11.9	14.1	13.4	12.5	13.7	13.4	12.6	13.0
25	17.5	11.9	14.7	13.8	13.0	14.1	13.8	13.0	13.4
26	17.2	10.8	14.0	13.9	12.0	13.5	13.9	13.0	13.5
27	20.0	8.9	14.5	14.0	11.0	13.5	14.0	12.8	13.4
28	19.0	8.2	13.6	14.0	11.0	13.3	14.0	13.0	13.5
29	21.0	9.5	15.3	14.9	11.6	14.3	14.9	13.0	14.0
30	22.4	9.4	15.9	15.2	12.0	15.0	15.2	13.9	14.6
31	23.2	10.8	17.0	16.2	13.2	16.1	16.2	14.5	15.4
Mean	14.6	7.2	10.9	12.8	9.3	11.0	12.0	11.0	11.5
Abs.Max.	23.2	11.9	17.0	19.0	13.2	16.1	16.2	14.5	15.4
Abs.Min.	9.5	3.5	6.5	8.8	6.0	7.4	9.5	8.6	9.1

GHRERIFE - DAILY CLIMATIC DATA
APRIL 1987

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	92	26.0	6.5	16.3	67.0	26.1	5.31	0.0	332.1
2	93	21.8	8.0	14.9	69.5	19.0	4.42	0.0	258.5
3	94	19.0	4.8	11.9	71.0	26.9	4.46	8.0	351.9
4	95	18.0	6.8	12.4	65.5	26.9	4.42	0.0	340.2
5	96	19.2	5.0	12.1	66.5	26.9	3.54	0.0	182.1
6	97	21.5	6.5	14.0	64.5	26.9	2.65	0.0	186.4
7	98	23.0	8.0	15.5	61.5	26.9	4.42	0.0	148.1
8	99	25.2	11.8	18.5	56.7	22.2	7.07	0.0	199.3
9	100	26.0	11.5	18.8	63.5	26.5	4.42	0.0	305.0
10	101	24.8	11.4	18.1	68.5	25.6	2.75	5.4	172.6
11	102	24.0	10.5	17.3	68.6	20.3	3.54	0.0	145.6
12	103	24.9	15.5	20.2	64.0	24.6	4.42	0.0	411.6
13	104	19.2	12.7	16.0	74.0	15.6	4.42	0.0	241.5
14	105	21.8	7.2	14.5	67.3	25.8	6.19	0.0	156.7
15	106	22.4	7.5	15.0	64.4	29.7	2.65	0.0	200.9
16	107	26.0	9.0	17.5	60.0	22.4	6.19	0.0	359.7
17	108	21.4	9.8	15.6	66.4	25.1	5.30	0.0	281.0
18	109	20.0	7.2	13.6	68.4	26.9	6.19	0.0	244.4
19	110	21.9	7.4	14.7	68.0	27.1	4.42	0.0	413.3
20	111	17.9	9.0	13.5	64.1	21.0	6.19	0.0	244.1
21	112	22.2	9.0	15.6	52.9	30.0	5.30	0.0	151.6
22	113	27.9	6.0	17.0	52.5	30.0	7.07	0.0	98.3
23	114	27.8	10.6	19.2	54.8	28.2	6.19	0.0	361.7
24	115	24.0	14.0	19.0	62.0	17.4	5.30	0.0	262.2
25	116	19.0	8.0	13.5	72.0	18.7	5.30	0.0	347.3
26	117	20.7	5.1	12.9	65.1	31.4	5.30	0.0	174.8
27	118	23.0	7.0	15.0	61.5	30.2	5.30	0.0	187.6
28	119	26.5	7.1	16.8	52.2	30.6	6.19	0.0	159.0
29	120	31.1	10.0	20.6	55.5	28.8	5.30	0.0	241.0
30	121	27.4	11.0	19.2	63.5	30.5	6.19	0.0	262.5
Mean/Total		23.1	8.8	16.0	63.7	25.6	5.01	13.4	247.4
Abs.Maximum		31.1	15.5	20.6	74.0	31.4	7.07	8.0	413.3
Abs.Minimum		17.9	4.8	11.9	52.2	15.6	2.65	0.0	98.3

**GHRERIFE - DAILY SOIL TEMPERATURE
APRIL 1987**

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	23.8	12.0	17.9	17.2	14.2	17.1	17.2	15.2	16.2
2	20.5	15.0	17.8	17.0	16.2	17.5	17.0	16.5	16.8
3	19.9	11.0	15.5	16.8	14.0	15.7	16.8	15.2	16.0
4	18.6	11.0	14.8	15.7	13.5	15.2	15.7	15.0	15.4
5	21.8	9.2	15.5	15.0	12.3	15.1	15.0	14.0	14.5
6	23.1	10.9	17.0	16.8	13.5	16.4	16.8	15.0	15.9
7	23.5	11.9	17.7	17.5	14.5	17.3	17.5	15.8	16.7
8	22.5	14.2	18.4	18.0	16.2	18.2	18.0	16.9	17.5
9	26.0	15.0	20.5	19.0	17.0	19.8	19.0	17.2	18.1
10	27.0	16.0	21.5	19.7	18.0	20.5	19.7	18.0	18.9
11	24.0	15.9	20.0	19.6	18.2	20.1	19.6	18.8	19.2
12	24.5	17.8	21.2	19.7	19.0	20.5	19.7	18.9	19.3
13	19.8	15.8	17.8	19.2	18.0	18.9	19.2	18.0	18.6
14	25.0	12.0	18.5	18.0	15.0	18.0	18.0	16.5	17.3
15	26.5	12.9	19.7	19.0	16.0	19.1	19.0	17.0	18.0
16	23.9	15.0	19.5	19.0	17.8	19.5	19.0	18.1	18.6
17	23.4	14.2	18.8	18.5	17.0	19.0	18.5	17.9	18.2
18	24.0	13.0	18.5	18.4	16.0	18.5	18.4	17.4	17.9
19	23.0	13.2	18.1	18.2	16.0	18.0	18.2	17.2	17.7
20	22.0	13.5	17.8	18.0	16.0	18.0	18.0	17.0	17.5
21	27.0	13.9	20.5	18.5	16.2	19.5	18.5	17.1	17.8
22	28.6	14.4	21.5	20.9	17.5	20.9	20.9	18.2	19.6
23	28.1	16.5	22.3	21.0	19.0	21.6	21.0	19.8	20.4
24	24.6	17.9	21.3	21.0	19.9	21.0	21.0	20.0	20.5
25	21.5	15.5	18.5	20.1	18.0	19.5	20.1	18.9	19.5
26	27.2	12.3	19.8	19.9	16.0	19.3	19.9	17.9	18.9
27	28.4	14.0	21.2	20.6	17.1	20.6	20.6	18.8	19.7
28	29.7	15.1	22.4	21.6	18.2	21.6	21.6	19.4	20.5
29	31.2	16.6	23.9	22.2	19.8	23.1	22.2	20.5	21.4
30	31.8	18.0	24.9	22.9	21.0	24.2	22.9	21.0	22.0
Mean	24.7	14.1	19.4	21.5	16.7	19.1	19.0	17.6	18.3
Abs.Max.	31.8	18.0	24.9	27.4	21.0	24.2	22.9	21.0	22.0
Abs.Min.	18.6	9.2	14.8	16.8	12.3	15.1	15.0	14.0	14.5

**GHRERIFE - DAILY CLIMATIC DATA
MAY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	122	22.2	9.4	15.8	68.6	27.3	7.96	0.0	328.0
2	123	21.6	9.4	15.5	72.5	25.8	8.84	0.0	236.7
3	124	23.8	6.5	15.2	67.9	28.9	7.96	0.0	147.0
4	125	27.0	8.0	17.5	61.5	28.9	6.19	0.0	137.8
5	126	30.0	11.0	20.5	56.5	31.5	7.07	0.0	223.1
6	127	31.0	10.4	20.7	50.5	27.1	10.61	0.0	165.2
7	128	35.3	17.0	26.2	46.5	26.4	10.61	0.0	209.1
8	129	31.8	19.0	25.4	51.0	24.3	10.61	0.0	353.9
9	130	26.0	12.0	19.0	67.0	30.0	11.05	0.0	353.0
10	131	24.0	10.0	17.0	68.8	26.6	8.84	0.0	304.7
11	132	22.8	11.2	17.0	70.8	25.5	8.84	0.0	251.9
12	133	26.0	8.6	17.3	65.4	31.0	9.72	0.0	160.3
13	134	31.0	11.8	21.4	49.0	30.1	7.96	0.0	202.0
14	135	32.8	13.8	23.3	49.1	31.1	11.50	0.0	275.0
15	136	32.0	13.0	22.5	48.4	30.9	11.50	0.0	193.4
16	137	35.9	14.0	25.0	42.0	31.1	10.60	0.0	135.4
17	138	37.9	16.5	27.2	42.6	29.7	12.80	0.0	148.1
18	139	38.1	17.0	27.6	40.9	30.2	10.20	0.0	154.1
19	140	38.1	20.9	29.5	41.5	28.9	10.60	0.0	242.4
20	141	36.4	20.0	28.2	42.6	29.8	8.80	0.0	305.7
21	142	31.8	14.4	23.1	65.5	31.4	13.70	0.0	418.2
22	143	35.0	16.4	25.7	61.4	22.9	13.70	0.0	351.2
23	144	28.8	13.0	20.9	63.5	31.6	12.38	0.0	293.8
24	145	26.0	13.2	19.6	71.5	24.9	9.72	0.0	274.6
25	146	27.2	11.2	19.2	67.8	28.4	10.61	0.0	217.9
26	147	30.0	12.6	21.3	67.0	31.7	12.38	0.0	368.9
27	148	34.6	15.8	25.2	55.9	26.4	13.26	0.0	250.3
28	149	28.0	19.0	23.5	62.3	18.1	6.79	0.6	265.3
29	150	32.0	15.0	23.5	56.5	28.9	10.61	0.0	186.8
30	151	33.8	16.0	24.9	54.5	30.8	12.38	0.0	309.7
31	152	35.2	19.0	27.1	47.6	28.0	10.61	0.0	242.9
Mean/Total		30.5	13.7	22.1	57.3	28.3	10.27	0.6	248.6
Abs. Maximum		38.1	20.9	29.5	72.5	31.7	13.70	0.6	418.2
Abs. Minimum		21.6	6.5	15.2	40.9	18.1	6.19	0.0	135.4

**GHRERIFE - DAILY SOIL TEMPERATURE
MAY 1987**

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	27.0	16.6	21.8	22.3	19.5	22.1	22.3	20.9	21.6
2	26.0	16.0	21.0	21.5	19.0	21.5	21.5	20.5	21.0
3	30.0	15.4	22.7	22.3	18.5	22.6	22.3	20.0	21.2
4	30.6	16.8	23.7	23.0	19.9	23.5	23.0	21.0	22.0
5	33.1	18.0	25.6	24.0	21.0	25.1	24.0	22.0	23.0
6	33.0	18.0	25.5	24.4	21.2	25.2	24.4	22.3	23.4
7	34.8	20.6	27.7	25.8	23.0	27.0	25.8	23.4	24.6
8	32.2	22.9	27.6	25.5	25.0	27.5	25.5	24.5	25.0
9	33.6	22.0	27.8	25.2	24.0	27.0	25.2	24.0	24.6
10	29.0	18.5	23.8	25.0	22.0	24.5	25.0	23.1	24.1
11	29.0	18.7	23.9	23.8	21.7	24.4	23.8	22.8	23.3
12	33.4	17.0	25.2	24.3	20.5	24.8	24.3	22.0	23.2
13	34.1	19.1	26.6	25.5	22.2	26.4	25.5	23.1	24.3
14	35.8	21.0	28.4	27.0	24.0	27.7	27.0	25.0	26.0
15	36.0	20.0	28.0	27.0	23.2	27.6	27.0	25.0	26.0
16	38.0	20.6	29.3	28.0	24.0	28.8	28.0	25.8	26.9
17	40.0	23.0	31.5	29.0	26.0	30.5	29.0	27.0	28.0
18	41.0	23.6	32.3	30.0	26.8	31.4	30.0	27.6	28.8
19	40.2	25.6	32.9	30.0	28.0	32.0	30.0	28.2	29.1
20	39.9	25.5	32.7	30.0	28.3	31.7	30.0	28.7	29.4
21	36.0	23.0	29.5	29.8	26.2	29.5	29.8	27.8	28.8
22	34.8	23.0	28.9	28.5	26.0	28.8	28.5	27.1	27.8
23	36.0	20.7	28.4	28.0	24.3	28.2	28.0	26.1	27.1
24	31.0	21.0	26.0	27.4	24.5	26.8	27.4	26.0	26.7
25	34.0	19.0	26.5	27.0	22.8	26.6	27.0	25.1	26.1
26	34.1	20.0	27.1	27.0	23.5	27.3	27.0	25.7	26.4
27	36.2	21.2	28.7	28.1	24.5	28.7	28.1	26.0	27.1
28	30.3	25.0	27.7	28.0	27.0	28.6	28.0	26.8	27.4
29	36.6	21.4	29.0	28.0	24.6	28.7	28.0	26.0	27.0
30	38.0	22.8	30.4	28.8	26.0	30.0	28.8	27.0	27.9
31	38.2	24.0	31.1	29.0	26.9	30.5	29.0	27.1	28.1
Mean	34.3	20.6	27.5	30.8	23.7	27.2	26.6	24.8	25.7
Abs.Max.	41.0	25.6	32.9	36.0	28.3	32.0	30.0	28.7	29.4
Abs.Min.	26.0	15.4	21.0	24.0	18.5	21.5	21.5	20.0	21.0

**GHRERIFE - DAILY CLIMATIC DATA
JUNE 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	153	35.6	19.4	27.5	47.1	25.8	11.49	0.0	440.0
2	154	30.0	15.8	22.9	59.5	30.9	15.03	0.0	426.8
3	155	28.0	13.0	20.5	62.2	30.4	12.38	0.0	332.6
4	156	29.0	13.8	21.4	59.7	30.8	11.49	0.0	387.1
5	157	32.0	14.6	23.3	49.0	31.5	12.38	0.0	280.4
6	158	34.0	14.8	24.4	44.3	32.0	15.03	0.0	297.4
7	159	35.0	16.8	25.9	42.6	33.8	11.49	0.0	403.0
8	160	34.0	17.0	25.5	43.3	31.2	10.61	0.0	318.3
9	161	34.0	17.0	25.5	44.7	33.1	14.14	0.0	326.0
10	162	35.1	17.8	26.5	39.9	31.8	14.14	0.0	337.4
11	163	35.9	18.9	27.4	37.4	33.7	13.26	0.0	315.7
12	164	35.0	18.8	26.9	38.9	30.9	10.61	0.0	320.1
13	165	34.0	19.0	26.5	47.8	32.0	7.96	0.0	320.1
14	166	35.0	18.8	26.9	43.2	34.7	8.84	0.0	195.9
15	167	36.0	20.0	28.0	46.3	27.4	11.49	0.0	262.4
16	168	36.0	19.2	27.6	48.5	29.5	9.72	0.0	353.7
17	169	36.4	19.0	27.7	51.6	27.1	13.26	0.0	344.8
18	170	38.0	19.8	28.9	46.9	31.3	13.26	0.0	396.4
19	171	35.9	17.9	26.9	50.1	31.7	14.14	0.0	333.9
20	172	32.1	17.0	24.6	54.3	31.7	15.03	0.0	424.3
21	173	32.0	17.0	24.5	52.6	32.1	16.80	0.0	500.8
22	174	37.0	17.1	27.1	43.5	32.4	15.91	0.0	451.7
23	175	36.2	21.2	28.7	39.4	32.7	17.68	0.0	589.8
24	176	38.2	19.0	28.6	32.5	32.7	21.22	0.0	370.9
25	177	36.0	17.0	26.5	43.7	33.8	15.03	0.0	364.5
26	178	36.2	16.4	26.3	48.9	31.6	13.48	0.0	302.0
27	179	35.2	18.6	26.9	55.2	31.6	13.48	0.0	364.9
28	180	36.2	20.0	28.1	48.7	31.8	11.93	0.0	361.8
29	181	38.2	21.0	29.6	44.4	32.6	15.03	0.0	228.7
30	182	39.0	21.7	30.4	41.5	29.5	13.26	0.0	202.5
Mean/Total		34.8	17.9	26.4	46.9	31.4	13.3	0.0	351.8
Abs.Maximum		39.0	21.7	30.4	62.2	34.7	21.22	0.0	589.8
Abs.Minimum		28.0	13.0	20.5	32.5	25.8	7.96	0.0	195.9

**GHRERIFE - DAILY SOIL TEMPERATURE
JUNE 1987**

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	37.0	25.9	31.5	29.0	28.2	30.7	29.0	28.0	28.5
2	38.0	24.0	31.0	28.8	26.8	30.3	28.8	27.5	28.2
3	37.5	22.5	30.0	28.3	26.0	29.6	28.3	27.0	27.7
4	36.8	22.7	29.8	28.0	26.0	29.4	28.0	27.0	27.5
5	39.0	22.4	30.7	28.5	25.5	29.8	28.5	26.8	27.7
6	38.0	23.0	30.5	29.0	26.1	30.1	29.0	27.0	28.0
7	37.9	23.5	30.7	28.9	26.8	30.4	28.9	27.5	28.2
8	38.9	24.3	31.6	29.0	27.1	30.8	29.0	27.9	28.5
9	39.0	24.2	31.6	29.6	27.5	31.2	29.6	28.0	28.8
10	39.8	25.0	32.4	30.0	28.0	31.6	30.0	28.2	29.1
11	41.0	25.4	33.2	31.0	28.8	32.6	31.0	29.0	30.0
12	41.0	26.0	33.5	31.0	29.1	32.7	31.0	29.6	30.3
13	40.8	26.0	33.4	31.0	29.2	32.7	31.0	29.8	30.4
14	41.7	25.9	33.8	31.2	29.0	33.0	31.2	29.8	30.5
15	42.8	27.0	34.9	31.9	30.0	33.9	31.9	30.0	31.0
16	42.2	27.8	35.0	31.9	30.4	33.7	31.9	30.5	31.2
17	41.8	27.0	34.4	31.9	30.0	33.6	31.9	30.1	31.0
18	40.4	27.3	33.9	31.8	30.4	33.4	31.8	30.0	30.9
19	40.2	26.0	33.1	31.0	29.4	32.7	31.0	29.9	30.5
20	39.0	26.0	32.5	30.8	29.1	32.1	30.8	29.9	30.4
21	38.1	25.5	31.8	30.3	28.9	31.9	30.3	29.1	29.7
22	39.2	25.0	32.1	30.0	28.2	31.6	30.0	29.0	29.5
23	38.7	26.5	32.6	30.1	29.0	32.0	30.1	29.0	29.6
24	40.5	25.0	32.8	30.5	28.6	32.3	30.5	29.0	29.8
25	40.8	25.0	32.9	31.1	28.7	32.6	31.1	29.3	30.2
26	41.8	25.2	33.5	31.3	29.0	33.0	31.3	29.9	30.6
27	41.2	27.9	34.6	32.0	30.6	33.8	32.0	30.4	31.2
28	41.0	28.0	34.5	32.0	30.9	34.1	32.0	31.0	31.5
29	42.8	28.2	35.5	32.8	31.2	34.7	32.8	31.0	31.9
30	44.0	29.0	36.5	33.2	32.0	35.6	33.2	32.0	32.6
Mean	40.0	25.6	32.8	35.7	28.7	32.2	30.5	29.1	29.8
Abs.Max.	44.0	29.0	36.5	39.2	32.0	35.6	33.2	32.0	32.6
Abs.Min.	36.8	22.4	29.8	32.7	25.5	29.4	28.0	26.8	27.5

**GHRERIFE - DAILY CLIMATIC DATA
JULY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	183	40.0	22.0	31.0	34.8	32.3	14.14	0.0	340.4
2	184	37.8	22.8	30.3	43.7	32.6	11.49	0.0	556.9
3	185	35.0	22.6	28.8	56.0	30.2	13.26	0.0	586.2
4	186	33.8	20.7	27.3	58.0	31.3	16.80	0.0	468.8
5	187	33.2	19.2	26.2	57.0	30.6	13.26	0.0	376.1
6	188	34.0	19.8	26.9	59.5	29.9	12.38	0.0	458.8
7	189	33.4	20.0	26.7	56.5	30.5	16.80	0.0	448.7
8	190	32.8	20.0	26.4	54.6	28.3	16.80	0.0	394.5
9	191	34.0	19.0	26.5	52.5	32.7	12.38	0.0	219.7
10	192	38.0	19.2	28.6	33.0	30.2	13.26	0.0	157.1
11	193	43.0	22.4	32.7	39.5	29.6	16.80	0.0	367.2
12	194	35.2	21.4	28.3	54.5	31.0	15.91	0.0	486.0
13	195	35.4	20.0	27.7	56.4	31.0	13.26	0.0	450.0
14	196	37.0	21.0	29.0	53.0	31.4	12.38	0.0	447.1
15	197	36.8	20.6	28.7	56.9	31.4	11.49	0.0	464.1
16	198	37.4	22.0	29.7	52.5	31.6	14.14	0.0	347.4
17	199	40.0	21.2	30.6	46.8	29.6	12.38	0.0	302.4
18	200	38.8	22.2	30.5	48.0	31.1	13.26	0.0	358.4
19	201	40.2	22.0	31.1	45.5	30.5	13.70	0.0	337.8
20	202	40.4	23.6	32.0	42.4	31.0	13.48	0.0	339.2
21	203	42.0	23.0	32.5	43.9	29.6	12.60	0.0	245.1
22	204	43.0	25.1	34.1	45.6	29.6	15.91	0.0	282.9
23	205	42.2	24.8	33.5	44.6	30.4	15.91	0.0	251.0
24	206	42.0	24.8	33.4	42.1	29.2	15.03	0.0	265.4
25	207	42.0	24.0	33.0	41.5	29.8	15.03	0.0	253.8
26	208	43.0	25.0	34.0	40.2	29.1	13.26	0.0	268.7
27	209	43.4	26.0	34.7	37.4	25.9	15.91	0.0	233.0
28	210	43.5	26.1	34.8	35.1	28.8	15.91	0.0	250.5
29	211	44.0	25.0	34.5	34.1	28.2	15.47	0.0	266.5
30	212	42.4	25.0	33.7	33.7	27.9	13.26	0.0	269.0
31	213	40.4	23.0	31.7	40.5	28.2	13.26	0.0	231.3
Mean/Total		38.8	22.4	30.6	46.4	30.1	14.16	0.0	345.9
Abs. Maximum		44.0	26.1	34.8	59.5	32.7	16.80	0.0	586.2
Abs. Minimum		32.8	19.0	26.2	33.0	25.9	11.49	0.0	157.1

**GHRERIFE - DAILY SOIL TEMPERATURE
JULY 1987**

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	43.8	29.8	36.8	33.4	32.7	35.9	33.4	32.1	32.8
2	m	m	m	m	m	m	m	m	m
3	m	m	m	m	m	m	m	m	m
4	m	m	m	m	m	m	m	m	m
5	m	m	m	m	m	m	m	m	m
6	m	m	m	m	m	m	m	m	m
7	m	m	m	m	m	m	m	m	m
8	m	m	m	m	m	m	m	m	m
9	40.0	m	m	32.0	m	m	32.0	30.8	31.4
10	42.0	26.6	34.3	32.6	30.0	34.0	32.6	30.9	31.8
11	43.2	29.0	36.1	33.1	32.0	35.5	33.1	32.0	32.6
12	41.0	30.0	35.5	33.0	32.6	35.1	33.0	32.0	32.5
13	40.0	28.0	34.0	32.8	31.0	34.0	32.8	31.4	32.1
14	40.9	28.3	34.6	32.5	31.1	34.3	32.5	31.1	31.8
15	39.9	28.0	34.0	32.2	31.0	34.0	32.2	31.1	31.7
16	43.9	28.5	36.2	32.0	31.1	34.1	32.0	30.8	31.4
17	45.0	29.0	37.0	32.2	29.9	34.0	32.2	30.2	31.2
18	45.0	29.4	37.2	33.0	30.0	34.1	33.0	31.0	32.0
19	45.1	29.1	37.1	33.0	30.2	34.2	33.0	31.0	32.0
20	44.4	30.4	37.4	33.0	31.0	34.5	33.0	31.2	32.1
21	47.2	29.9	38.6	33.8	30.7	35.3	33.8	31.2	32.5
22	48.0	32.8	40.4	34.4	33.0	36.9	34.4	32.4	33.4
23	49.6	31.7	40.7	35.2	32.7	37.3	35.2	33.0	34.1
24	50.2	32.0	41.1	35.5	33.0	37.6	35.5	33.5	34.5
25	50.5	32.1	41.3	36.0	33.3	37.9	36.0	34.0	35.0
26	51.0	32.6	41.8	36.0	33.8	38.4	36.0	34.0	35.0
27	49.8	33.4	41.6	36.0	34.3	38.4	36.0	34.6	35.3
28	51.0	33.2	42.1	36.8	34.2	38.6	36.8	35.0	35.9
29	51.0	33.0	42.0	36.8	34.2	38.7	36.8	34.8	35.8
30	49.0	32.6	40.8	36.0	34.0	38.0	36.0	34.8	35.4
31	m	m	m	m	m	m	m	m	m
Mean	45.7	30.4	38.2	39.6	32.1	35.9	34.0	32.3	33.1
Abs.Max.	51.0	33.4	42.1	43.1	34.3	38.7	36.8	35.0	35.9
Abs.Min.	39.9	26.6	34.0	36.3	29.9	34.0	32.0	30.2	31.2

GHRERIFE - DAILY CLIMATIC DATA
AUGUST 1987

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	214	40.5	23.3	31.9	45.4	26.5	15.03	0.0	314.0
2	215	39.9	24.7	32.3	46.0	24.7	15.91	0.0	390.3
3	216	38.8	25.5	32.2	47.0	27.7	15.91	0.0	470.1
4	217	40.2	23.4	31.8	46.4	29.6	16.35	0.0	283.2
5	218	41.4	22.0	31.7	42.1	28.5	17.24	0.0	160.3
6	219	39.2	24.0	31.6	31.0	25.1	m	0.0	220.4
7	220	47.8	29.2	38.5	23.5	26.0	m	0.0	211.0
8	221	45.5	27.3	36.4	37.0	23.8	m	0.0	290.7
9	222	42.8	26.4	34.6	37.0	28.4	m	0.0	376.1
10	223	40.4	24.0	32.2	39.9	29.0	m	0.0	314.0
11	224	40.0	23.2	31.6	40.1	27.5	m	0.0	260.1
12	225	40.2	23.2	31.7	41.5	31.0	m	0.0	317.8
13	226	40.0	23.2	31.6	37.5	29.2	13.26	0.0	347.9
14	227	38.0	23.0	30.5	45.5	28.7	14.14	0.0	384.1
15	228	37.0	23.4	30.2	46.6	26.5	17.68	0.0	303.6
16	229	37.0	22.5	29.8	46.5	26.7	12.38	0.0	327.3
17	230	35.8	23.0	29.4	45.7	25.9	11.49	0.0	323.1
18	231	34.0	21.8	27.9	46.1	23.7	9.72	0.0	358.8
19	232	34.0	18.0	26.0	27.8	30.4	10.61	0.0	146.6
20	233	36.4	17.4	26.9	35.3	m	10.61	0.0	311.3
21	234	36.2	19.4	27.8	41.0	m	17.68	0.0	448.0
22	235	36.0	19.2	27.6	43.4	m	10.61	0.0	308.8
23	236	35.2	20.2	27.7	43.1	m	18.56	0.0	336.9
24	237	34.2	18.0	26.1	46.9	m	14.14	0.0	653.3
25	238	33.2	19.2	26.2	44.0	m	15.03	0.0	402.3
26	239	33.0	19.0	26.0	42.0	m	20.33	0.0	161.9
27	240	33.6	20.0	26.8	40.5	m	11.49	0.0	259.6
28	241	35.6	18.6	27.1	38.6	m	10.61	0.0	358.5
29	242	36.6	20.0	28.3	34.9	m	9.72	0.0	167.5
30	243	36.8	19.6	28.2	32.8	m	13.26	0.0	282.9
31	244	36.2	19.8	28.0	42.5	m	8.84	0.0	276.3
Mean/Total		37.9	22.0	30.0	40.6	27.3	13.78	0.0	315.1
Abs. Maximum		47.8	29.2	38.5	47.0	31.0	20.33	0.0	653.3
Abs. Minimum		33.0	17.4	26.0	23.5	23.7	8.84	0.0	146.6

**GHRERIFE - DAILY SOIL TEMPERATURE
AUGUST 1987**

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	m	m	m	m	m	m	m	m	m
2	m	m	m	m	m	m	m	m	m
3	m	m	m	m	m	m	m	m	m
4	m	m	m	m	m	m	m	m	m
5	m	m	m	m	m	m	m	m	m
6	50.0	m	m	36.2	m	m	36.2	34.4	35.3
7	53.0	35.0	44.0	37.2	35.5	39.9	37.2	35.0	36.1
8	51.0	36.0	43.5	37.1	36.5	40.0	37.1	36.0	36.6
9	m	m	m	m	m	m	m	m	m
10	m	m	m	m	m	m	m	m	m
11	m	m	m	m	m	m	m	m	m
12	m	m	m	m	m	m	m	m	m
13	47.0	m	m	35.0	m	m	35.0	34.0	34.5
14	m	30.0	m	m	32.0	36.0	m	33.2	m
15	m	m	m	m	m	m	m	m	m
16	m	m	m	m	m	m	m	m	m
17	m	m	m	m	m	m	m	m	m
18	m	m	m	m	m	m	m	m	m
19	m	m	m	m	m	m	m	m	m
20	m	m	m	m	m	m	m	m	m
21	m	m	m	m	m	m	m	m	m
22	m	m	m	m	m	m	m	m	m
23	m	m	m	m	m	m	m	m	m
24	m	m	m	m	m	m	m	m	m
25	m	m	m	m	m	m	m	m	m
26	m	m	m	m	m	m	m	m	m
27	36.0	m	m	m	30.4	m	m	m	m
28	36.0	26.8	31.4	29.8	26.8	28.9	29.8	27.8	28.8
29	37.0	27.6	32.3	30.0	27.0	29.4	30.0	28.0	29.0
30	37.3	27.5	32.4	30.1	27.0	29.5	30.1	28.0	29.1
31	38.0	28.1	33.1	31.0	27.8	30.1	31.0	28.5	29.8
Mean	42.8	30.1	36.1	37.5	30.4	33.4	33.3	31.7	32.4
Abs.Max.	53.0	36.0	44.0	44.3	36.5	40.0	37.2	36.0	36.6
Abs.Min.	36.0	26.8	31.4	31.0	26.8	28.9	29.8	27.8	28.8

BOUEIDAR

1986-1987 Season

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

**SUMMARY OF MONTHLY CLIMATIC DATA
BOUEIDAR 1986-87 SEASON**

Month	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH (%)	Sol. rad. (MJ/m ²)	Wind Run (km/d)	Evap. (mm)	Prec. (mm)
September								
Mean	36.6	18.2	27.5	49.7	23.4	186.3	10.1	0.0
Abs.Max	45.0	27.0	36.0	66.2	27.5	329.5	15.5	0.0
Abs.Min	31.2	11.2	21.2	26.5	15.3	116.2	4.9	0.0
October								
Mean	28.3	11.7	20.0	56.4	17.3	130.8	5.1	10.8
Abs.Max	32.0	15.1	22.4	78.3	22.3	288.1	7.5	7.0
Abs.Min	24.0	7.2	17.4	42.0	4.0	47.7	0.8	0.0
November								
Mean	16.4	1.7	9.0	61.6	13.0	129.8	2.4	23.8
Abs.Max	24.0	14.0	17.9	74.0	16.6	478.0	5.1	17.0
Abs.Min	9.4	-4.0	4.0	52.9	4.7	26.3	0.4	0.0
December								
Mean	12.9	-1.1	5.9	63.5	10.4	167.3	1.5	27.2
Abs.Max	18.0	8.0	12.5	89.0	14.0	461.9	4.0	7.2
Abs.Min	9.0	-8.0	1.5	52.0	3.4	15.9	0.3	0.0
January								
Mean	12.6	3.3	8.0	76.9	10.4	162.8	1.3	48.3
Abs.Max	16.5	9.1	12.8	87.4	14.9	442.1	3.1	10.4
Abs.Min	8.1	-2.0	4.6	64.9	4.0	22.7	0.2	0.0
February								
Mean	16.0	4.2	10.1	73.4	14.6	185.0	2.7	24.4
Abs.Max	21.0	9.0	13.0	85.0	19.8	456.7	4.9	9.6
Abs.Min	10.3	-0.6	7.2	62.9	8.9	30.2	0.4	0.0
March								
Mean	14.5	1.6	8.1	72.3	16.1	229.3	2.9	27.8
Abs.Max	23.0	10.1	14.6	85.5	26.7	510.2	5.0	4.8
Abs.Min	9.0	-5.6	3.2	62.5	6.6	47.3	0.4	0.0
April								
Mean	23.5	6.3	14.9	62.1	25.6	228.0	6.8	11.7
Abs.Max	30.6	14.0	19.5	71.5	32.2	468.8	10.6	4.6
Abs.Min	19.0	1.0	10.9	48.5	15.9	92.7	2.0	0.0
May								
Mean	30.7	10.5	20.6	56.1	29.3	216.7	10.6	2.2
Abs.Max	38.8	17.0	27.7	69.6	33.6	439.8	15.0	2.2
Abs.Min	21.0	4.2	13.4	41.0	16.7	102.5	5.3	0.0
June								
Mean	34.9	13.9	24.4	42.5	32.8	272.7	14.5	0.0
Abs.Max	39.0	20.4	28.7	56.0	35.0	448.9	20.8	0.0
Abs.Min	29.0	9.3	19.3	30.9	25.4	177.0	11.1	0.0
July								
Mean	39.4	18.4	28.9	42.0	31.1	260.0	14.5	0.0
Abs.Max	45.0	22.4	33.2	55.9	33.8	395.4	18.8	0.0
Abs.Min	33.0	14.8	24.4	31.4	27.9	144.1	10.2	0.0
August								
Mean	38.4	18.1	28.3	43.4	27.7	255.7	12.2	0.0
Abs.Max	47.2	24.0	35.6	52.5	30.3	551.5	16.1	0.0
Abs.Min	33.2	11.4	23.6	30.5	21.7	109.4	7.3	0.0
Annual Summary								
Mean	25.1	8.6	16.9	58.5	21.1	203.1	7.1	176.2
Abs.Max	47.2	27.0	36.0	89.0	35.0	551.5	20.8	17.0
Abs.Min	8.1	-8.0	1.5	26.5	3.4	15.9	0.2	0.0

**SUMMARY OF WEEKLY CLIMATIC DATA
BOUEIDAR 1986-87 SEASON**

Week			Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH (%)	Sol. rad. (MJ/m ²)	Wind Run (km/d)	Evap. (mm)	Prec. (mm)
03	Sep-09	Sep	36.3	19.1	27.7	51.7	24.8	m	11.2	0.0
10	Sep-16	Sep	37.0	17.7	27.4	49.6	24.8	m	10.5	0.0
17	Sep-23	Sep	40.0	14.2	27.1	26.5	22.8	m	9.8	0.0
24	Sep-30	Sep	32.1	12.2	21.9	60.4	21.1	186.3	8.1	0.0
01	Oct-07	Oct	26.7	12.0	19.3	62.8	18.4	178.4	5.5	7.0
08	Oct-14	Oct	29.0	12.2	20.6	57.3	19.7	118.3	5.1	0.0
15	Oct-21	Oct	29.2	11.8	20.5	55.3	16.8	120.0	5.2	0.8
22	Oct-28	Oct	28.3	10.2	19.2	52.4	16.8	96.9	4.7	0.0
29	Oct-04	Nov	24.4	12.0	18.2	62.2	11.4	162.8	3.0	9.8
05	Nov-11	Nov	15.7	5.6	10.6	63.1	11.9	238.9	2.6	17.0
12	Nov-18	Nov	16.5	-1.5	7.5	58.6	15.6	50.1	1.9	0.0
19	Nov-25	Nov	16.7	-1.3	7.7	59.1	14.1	85.7	3.2	0.0
26	Nov-02	Dec	12.2	-3.9	4.2	57.7	11.4	103.1	1.7	0.0
03	Dec-09	Dec	14.1	-6.8	3.7	57.0	13.4	73.7	1.7	0.0
10	Dec-16	Dec	11.7	-6.1	2.8	61.4	12.0	42.1	1.5	0.0
17	Dec-23	Dec	14.0	4.0	9.0	72.3	8.4	317.2	1.5	17.4
24	Dec-31	Dec	12.6	5.2	8.9	65.9	7.3	237.1	1.2	9.8
01	Jan-07	Jan	11.0	5.3	8.2	77.0	6.9	173.7	1.2	23.2
08	Jan-14	Jan	13.0	2.6	7.8	75.7	12.5	180.3	1.3	2.0
15	Jan-21	Jan	13.0	-0.4	6.3	75.2	13.2	33.7	1.0	0.5
22	Jan-28	Jan	12.5	4.8	8.6	78.0	8.7	269.8	1.5	22.6
29	Jan-04	Feb	15.8	4.6	10.2	78.0	11.4	153.4	1.5	2.8
05	Feb-11	Feb	14.8	4.5	9.7	68.7	14.6	184.4	2.3	10.0
12	Feb-18	Feb	17.3	4.4	10.9	71.7	15.3	174.5	3.0	10.2
19	Feb-25	Feb	17.1	2.8	9.9	75.8	16.5	198.3	3.1	1.4
26	Feb-04	Mar	13.2	3.9	8.5	79.8	12.1	187.9	2.1	1.2
05	Mar-11	Mar	13.2	3.4	8.3	75.9	12.7	361.6	2.8	11.4
12	Mar-18	Mar	11.8	1.1	6.4	74.7	16.5	286.3	2.2	10.4
19	Mar-25	Mar	16.1	-0.1	8.0	66.5	15.4	163.0	3.5	3.0
26	Mar-01	Apr	19.6	2.0	10.8	66.6	23.5	136.1	4.6	1.8
02	Apr-08	Apr	21.7	5.0	13.4	67.2	23.8	226.4	5.1	4.6
09	Apr-15	Apr	23.7	8.3	16.0	62.6	24.8	224.5	6.8	4.9
16	Apr-22	Apr	22.8	5.8	14.3	60.7	26.3	266.5	7.5	0.0
23	Apr-29	Apr	24.6	6.2	15.4	57.9	27.0	204.3	7.7	2.2
30	Apr-06	May	26.2	6.0	16.1	61.7	28.9	183.6	8.5	0.0
07	May-13	May	28.3	9.8	19.1	59.6	28.1	226.9	9.8	0.0
14	May-20	May	36.0	12.8	24.4	44.5	31.9	174.8	12.6	0.0
21	May-27	May	31.1	10.8	21.0	60.4	29.4	283.3	11.8	0.0
28	May-03	Jun	32.0	14.1	23.1	53.5	28.7	259.5	10.7	2.2
04	Jun-10	Jun	33.3	11.6	22.4	40.1	33.1	261.5	13.8	0.0
11	Jun-17	Jun	35.3	14.8	25.1	40.9	31.6	253.4	14.8	0.0
18	Jun-24	Jun	35.6	15.0	25.3	40.9	33.8	325.2	16.3	0.0
25	Jun-01	Jul	37.3	14.9	26.1	42.4	33.5	222.6	14.3	0.0
02	Jul-08	Jul	35.1	17.0	26.0	49.8	31.0	329.4	13.7	0.0
09	Jul-15	Jul	37.5	17.2	27.4	44.7	32.5	265.4	14.3	0.0
16	Jul-22	Jul	40.5	18.9	29.7	41.6	31.3	246.1	15.0	0.0
23	Jul-29	Jul	43.6	20.7	32.1	35.0	30.0	215.8	15.4	0.0
30	Jul-05	Aug	41.1	20.7	30.9	41.8	27.6	246.1	12.4	0.0
06	Aug-12	Aug	43.1	21.9	32.5	35.2	27.8	239.8	13.8	0.0
13	Aug-19	Aug	37.0	17.5	27.3	47.5	27.2	242.2	11.7	0.0
20	Aug-26	Aug	35.3	14.4	24.9	47.1	28.6	319.3	11.2	0.0
27	Aug-02	Sep	35.9	15.3	25.6	43.0	27.7	198.5	12.2	0.0

**BOUEIDAR - DAILY CLIMATIC DATA
SEPTEMBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	245	45.0	27.0	36.0	39.8	21.6	13.70	0.0	m
2	246	38.0	22.2	30.1	47.0	25.8	12.82	0.0	m
3	247	35.0	19.0	27.0	53.3	26.0	10.17	0.0	m
4	248	36.8	18.0	27.4	48.9	25.7	12.82	0.0	m
5	249	35.0	19.4	27.2	53.0	25.7	11.93	0.0	m
6	250	35.2	18.0	26.6	55.2	25.2	9.28	0.0	m
7	251	36.4	19.0	27.7	50.4	22.4	8.40	0.0	m
8	252	39.5	23.1	31.3	49.5	23.1	15.47	0.0	m
9	253	36.0	17.0	26.5	51.7	25.4	10.17	0.0	m
10	254	34.0	16.2	25.1	52.1	25.2	11.93	0.0	m
11	255	36.2	23.0	29.6	53.3	24.5	8.40	0.0	m
12	256	39.0	19.4	29.2	47.6	24.8	10.17	0.0	m
13	257	38.0	18.5	28.3	52.5	25.2	11.93	0.0	m
14	258	36.0	15.0	25.5	52.7	24.4	10.17	0.0	m
15	259	37.1	16.9	27.0	46.6	24.2	11.05	0.0	m
16	260	39.0	15.2	27.1	42.7	25.0	10.17	0.0	m
17	261	40.0	14.2	27.1	26.5	24.8	11.05	0.0	m
18	262	m	m	m	m	24.1	12.82	0.0	m
19	263	m	m	m	m	23.8	11.05	0.0	m
20	264	m	m	m	m	27.5	9.28	0.0	m
21	265	m	m	m	m	15.3	8.40	0.0	m
22	266	m	m	m	m	20.9	8.40	0.0	m
23	267	m	m	m	m	23.5	7.51	0.0	m
24	268	m	m	m	m	22.1	7.51	0.0	m
25	269	m	m	m	m	19.6	4.86	0.0	m
26	270	m	m	m	m	19.1	9.28	0.0	329.5
27	271	m	m	m	m	18.4	10.61	0.0	176.8
28	272	33.0	m	m	m	25.7	7.07	0.0	185.9
29	273	32.0	13.2	22.6	66.2	21.3	9.72	0.0	116.2
30	274	31.2	11.2	21.2	54.5	21.5	7.96	0.0	123.1
Mean/Total		36.6	18.2	27.5	49.7	23.4	10.1	0.0	186.3
Abs. Maximum		45.0	27.0	36.0	66.2	27.5	15.5	0.0	329.5
Abs. Minimum		31.2	11.2	21.2	26.5	15.3	4.9	0.0	116.2

**BOUEIDAR - DAILY SOIL TEMPERATURE
SEPTEMBER 1986**

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	41.8	29.0	35.4	35.5	30.5	33.0	31.2	30.2	30.7
2	40.0	27.0	33.5	34.9	30.0	32.5	31.0	30.0	30.5
3	40.5	24.2	32.4	34.2	28.2	31.2	30.5	29.2	29.9
4	41.0	23.8	32.4	34.0	28.0	31.0	30.2	29.0	29.6
5	39.6	24.0	31.8	33.4	27.8	30.6	30.0	28.7	29.4
6	40.3	23.1	31.7	33.5	27.0	30.3	29.8	28.4	29.1
7	39.6	24.0	31.8	33.2	27.6	30.4	29.8	28.5	29.2
8	36.3	26.1	31.2	32.4	28.0	30.2	29.8	28.8	29.3
9	39.2	22.5	30.9	33.0	26.8	29.9	29.3	28.0	28.7
10	38.0	21.8	29.9	32.1	26.1	29.1	29.0	27.8	28.4
11	40.8	22.6	31.7	33.2	26.2	29.7	29.1	27.9	28.5
12	41.5	23.7	32.6	33.8	27.0	30.4	29.5	28.0	28.8
13	41.0	24.0	32.5	33.8	27.5	30.7	29.5	28.1	28.8
14	38.3	21.8	30.1	32.5	26.3	29.4	29.3	27.9	28.6
15	38.6	22.0	30.3	32.2	26.0	29.1	28.8	27.6	28.2
16	40.9	21.3	31.1	33.0	26.0	29.5	28.7	27.3	28.0
17	41.0	21.0	31.0	32.9	25.5	29.2	28.7	27.1	27.9
18	m	m	m	m	m	m	m	m	m
19	m	m	m	m	m	m	m	m	m
20	m	m	m	m	m	m	m	m	m
21	m	m	m	m	m	m	m	m	m
22	m	m	m	m	m	m	m	m	m
23	m	m	m	m	m	m	m	m	m
24	m	m	m	m	m	m	m	m	m
25	m	m	m	m	m	m	m	m	m
26	m	m	m	m	m	m	m	m	m
27	m	m	m	m	m	m	m	m	m
28	35.3	m	m	30.0	m	m	m	m	m
29	35.9	20.1	28.0	29.6	24.0	26.8	26.9	25.6	26.3
30	35.5	19.1	27.3	29.1	23.5	26.3	26.6	25.2	25.9
Mean	39.3	23.2	31.3	32.8	26.9	30.0	29.4	28.1	28.7
Abs.Max.	41.8	29.0	35.4	35.5	30.5	33.0	31.2	30.2	30.7
Abs.Min.	35.3	19.1	27.3	29.1	23.5	26.3	26.6	25.2	25.9

**BOUEIDAR - DAILY CLIMATIC DATA
OCTOBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	275	26.0	13.2	19.6	78.3	12.3	2.58	7.0	288.1
2	276	24.0	14.8	19.4	69.0	15.1	5.75	0.0	212.2
3	277	24.8	12.0	18.4	62.0	16.9	7.52	0.0	269.7
4	278	26.5	13.2	19.9	60.5	19.2	4.86	0.0	200.1
5	279	27.4	9.8	18.6	60.5	22.3	5.75	0.0	78.2
6	280	29.4	9.8	19.6	54.5	21.6	6.63	0.0	109.7
7	281	29.0	10.9	20.0	55.1	21.2	5.75	0.0	91.1
8	282	30.2	9.5	19.9	48.1	19.3	5.75	0.0	106.5
9	283	29.8	15.0	22.4	59.8	19.7	5.75	0.0	142.2
10	284	29.0	12.2	20.6	60.1	18.9	5.75	0.0	109.7
11	285	29.0	12.8	20.9	60.0	20.6	4.86	0.0	176.7
12	286	29.4	10.0	19.7	53.0	20.7	5.75	0.0	76.1
13	287	28.9	10.9	19.9	58.5	19.5	2.21	0.0	92.8
14	288	27.0	15.1	21.1	61.7	19.5	5.75	0.0	124.2
15	289	28.6	11.0	19.8	53.4	18.2	5.75	0.0	56.0
16	290	31.0	11.0	21.0	47.5	18.9	3.98	0.0	69.8
17	291	32.0	12.0	22.0	48.6	18.5	4.86	0.0	80.1
18	292	29.0	14.6	21.8	54.4	13.2	5.75	0.0	174.6
19	293	27.8	11.2	19.5	61.9	14.9	4.86	0.0	176.9
20	294	26.0	10.6	18.3	66.0	18.5	5.66	0.8	94.5
21	295	30.0	12.0	21.0	55.1	15.2	5.75	0.0	188.4
22	296	26.6	14.8	20.7	66.3	13.8	4.86	0.0	270.4
23	297	27.0	12.3	19.7	65.9	17.5	4.86	0.0	47.7
24	298	26.0	8.8	17.4	58.9	18.4	4.86	0.0	50.6
25	299	28.0	8.0	18.0	46.7	18.2	4.86	0.0	72.9
26	300	30.2	7.2	18.7	43.1	17.9	4.86	0.0	61.1
27	301	30.3	10.0	20.2	42.0	15.6	3.98	0.0	87.0
28	302	30.2	10.0	20.1	44.0	16.2	4.86	0.0	88.8
29	303	29.8	12.0	20.9	42.6	13.5	5.75	0.0	128.3
30	304	31.6	13.0	22.3	47.0	16.0	5.75	0.0	115.1
31	305	24.0	14.5	19.3	63.4	4.0	.79	3.0	216.0
Mean/Total		28.3	11.7	20.0	56.4	17.3	5.06	10.8	130.8
Abs. Maximum		32.0	15.1	22.4	78.3	22.3	7.52	7.0	288.1
Abs. Minimum		24.0	7.2	17.4	42.0	4.0	0.79	0.0	47.7

**BOUEIDAR - DAILY SOIL TEMPERATURE
OCTOBER 1986**

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	28.0	20.0	24.0	27.7	23.1	25.4	26.2	25.0	25.6
2	24.0	17.4	20.7	23.4	21.9	22.7	25.0	23.4	24.2
3	26.5	14.9	20.7	24.0	19.9	22.0	23.0	22.0	22.5
4	26.0	15.2	20.6	24.2	20.0	22.1	22.9	22.0	22.5
5	30.5	13.9	22.2	25.5	19.0	22.3	23.0	21.5	22.3
6	31.0	14.9	23.0	26.0	19.9	23.0	23.0	21.9	22.5
7	30.5	16.0	23.3	25.9	20.2	23.1	23.0	22.0	22.5
8	31.0	15.2	23.1	25.5	20.0	22.8	23.0	22.0	22.5
9	31.2	18.0	24.6	26.3	21.1	23.7	23.3	22.2	22.8
10	31.2	17.0	24.1	26.0	21.0	23.5	23.2	22.2	22.7
11	30.1	17.2	23.7	26.0	21.0	23.5	23.1	22.1	22.6
12	30.9	15.7	23.3	25.8	20.2	23.0	23.1	22.0	22.6
13	31.0	16.0	23.5	25.6	20.0	22.8	23.0	21.9	22.5
14	30.0	18.0	24.0	25.8	21.1	23.5	23.0	22.0	22.5
15	30.0	15.7	22.9	25.0	20.0	22.5	22.9	21.7	22.3
16	31.3	15.7	23.5	25.5	20.0	22.8	22.5	21.5	22.0
17	31.5	16.4	24.0	25.4	20.0	22.7	22.5	21.5	22.0
18	27.8	18.0	22.9	24.2	20.9	22.6	22.4	21.8	22.1
19	26.7	15.5	21.1	23.4	19.4	21.4	22.0	21.0	21.5
20	29.8	15.2	22.5	24.5	19.1	21.8	21.9	20.9	21.4
21	28.1	16.0	22.1	23.9	19.7	21.8	21.8	20.9	21.4
22	25.6	16.8	21.2	23.0	20.0	21.5	21.7	21.0	21.4
23	29.0	16.0	22.5	24.5	19.5	22.0	21.7	20.7	21.2
24	29.0	14.2	21.6	23.9	18.9	21.4	21.5	20.3	20.9
25	29.0	13.7	21.4	23.2	18.0	20.6	21.0	20.0	20.5
26	29.0	13.0	21.0	23.2	17.8	20.5	20.7	19.5	20.1
27	27.5	14.0	20.8	22.8	18.0	20.4	20.5	19.7	20.1
28	28.1	14.5	21.3	23.1	18.1	20.6	20.7	19.7	20.2
29	27.2	15.8	21.5	23.2	19.0	21.1	21.0	20.0	20.5
30	30.8	17.0	23.9	24.9	20.0	22.5	22.0	20.8	21.4
31	20.8	16.0	18.4	23.1	19.4	21.3	21.8	20.0	20.9
Mean	28.8	15.9	22.4	24.7	19.9	22.3	22.5	21.4	21.9
Abs.Max.	31.5	20.0	24.6	27.7	23.1	25.4	26.2	25.0	25.6
Abs.Min.	20.8	13.0	18.4	22.8	17.8	20.4	20.5	19.5	20.1

**BOUEIDAR - DAILY CLIMATIC DATA
NOVEMBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	306	24.0	11.8	17.9	65.5	13.9	2.82	6.8	238.8
2	307	21.0	14.0	17.5	74.0	10.3	3.09	0.0	267.3
3	308	20.2	9.8	15.0	72.0	9.2	0.88	0.0	93.9
4	309	20.0	9.0	14.5	70.7	13.0	1.77	0.0	80.3
5	310	23.0	7.8	15.4	58.2	14.8	0.88	0.0	88.7
6	311	19.1	10.1	14.6	70.0	6.7	5.07	17.0	332.0
7	312	17.2	8.8	13.0	63.4	14.4	3.09	0.0	221.8
8	313	15.0	7.7	11.4	67.0	9.0	2.21	0.0	478.0
9	314	13.0	5.0	9.0	59.5	12.0	3.09	0.0	291.9
10	315	13.0	0.8	6.9	60.2	16.6	3.09	0.0	225.6
11	316	9.4	-1.2	4.1	63.5	9.8	0.44	0.0	34.5
12	317	11.8	-2.8	4.5	59.0	16.0	0.44	0.0	65.9
13	318	16.4	-2.0	7.2	52.9	16.6	3.09	0.0	38.1
14	319	19.2	-1.0	9.1	57.7	15.6	2.21	0.0	61.9
15	320	17.2	0.2	8.7	65.8	15.5	2.21	0.0	33.9
16	321	18.1	-1.5	8.3	55.5	15.5	2.65	0.0	70.8
17	322	16.0	-2.4	6.8	59.0	15.3	0.44	0.0	42.2
18	323	16.5	-1.0	7.8	60.2	14.4	2.21	0.0	37.8
19	324	17.0	2.4	9.7	56.3	14.2	1.33	0.0	41.0
20	325	18.0	-1.6	8.2	59.0	14.7	4.86	0.0	186.7
21	326	17.0	0.0	8.5	60.0	14.2	4.86	0.0	249.1
22	327	16.0	-0.3	7.9	60.2	14.4	3.98	0.0	33.2
23	328	16.2	-3.8	6.2	59.5	14.4	2.21	0.0	29.4
24	329	16.5	-3.3	6.6	58.0	14.9	3.09	0.0	34.0
25	330	16.0	-2.8	6.6	61.0	12.2	2.21	0.0	26.3
26	331	15.0	-3.5	5.8	62.0	13.6	1.33	0.0	31.7
27	332	13.9	-2.3	5.8	60.0	11.8	2.21	0.0	98.0
28	333	13.0	-2.7	5.2	66.5	9.1	1.33	0.0	180.5
29	334	11.0	-0.5	5.3	55.5	4.7	1.77	0.0	103.5
30	335	12.0	-4.0	4.0	54.5	12.9	1.77	0.0	176.7
Mean/Total		16.4	1.7	9.0	61.6	13.0	2.35	23.8	129.8
Abs. Maximum		24.0	14.0	17.9	74.0	16.6	5.07	17.0	478.0
Abs. Minimum		9.4	-4.0	4.0	52.9	4.7	0.44	0.0	26.3

**BOUEIDAR - DAILY SOIL TEMPERATURE
NOVEMBER 1986**

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	24.9	14.1	19.5	21.3	17.8	19.6	20.0	19.0	19.5
2	18.2	13.6	15.9	20.0	18.0	19.0	20.0	19.0	19.5
3	19.1	11.9	15.5	18.4	16.0	17.2	19.0	18.0	18.5
4	22.1	10.9	16.5	19.0	15.0	17.0	18.0	17.0	17.5
5	22.8	9.2	16.0	19.0	14.2	16.6	18.0	16.8	17.4
6	17.0	12.2	14.6	18.0	16.0	17.0	18.0	17.0	17.5
7	19.1	11.2	15.2	18.0	15.0	16.5	17.0	16.4	16.7
8	14.7	10.3	12.5	16.0	14.2	15.1	17.0	15.8	16.4
9	15.0	8.5	11.8	14.9	12.5	13.7	15.6	14.5	15.1
10	14.5	6.1	10.3	14.0	11.0	12.5	14.5	13.3	13.9
11	12.0	4.9	8.5	12.1	9.5	10.8	13.8	12.2	13.0
12	15.3	3.1	9.2	13.0	8.0	10.5	12.2	11.0	11.6
13	15.8	3.2	9.5	13.1	7.9	10.5	12.0	11.0	11.5
14	16.8	3.8	10.3	13.5	7.9	10.7	12.0	10.8	11.4
15	17.5	5.0	11.3	14.0	9.0	11.5	12.1	11.0	11.6
16	16.1	4.1	10.1	13.3	8.3	10.8	12.0	11.0	11.5
17	16.3	3.7	10.0	13.0	8.0	10.5	11.6	10.6	11.1
18	16.2	4.2	10.2	13.0	8.0	10.5	11.5	10.5	11.0
19	17.0	4.0	10.5	13.2	8.0	10.6	11.5	10.5	11.0
20	15.3	m	m	12.6	m	m	11.2	10.0	10.6
21	13.8	4.8	9.3	12.0	8.1	10.1	11.1	10.1	10.6
22	m	m	m	m	m	m	m	m	m
23	m	m	m	m	m	m	m	m	m
24	m	m	m	m	m	m	m	m	m
25	m	m	m	m	m	m	m	m	m
26	m	m	m	m	m	m	m	m	m
27	15.0	m	m	13.7	m	m	10.2	m	m
28	13.0	5.0	9.0	12.8	9.2	11.0	10.1	9.1	9.6
29	12.0	6.6	9.3	12.7	11.2	12.0	10.0	9.0	9.5
30	12.2	3.0	7.6	11.4	8.2	9.8	10.0	8.9	9.5
Mean	16.5	7.1	11.8	14.9	11.3	13.2	13.9	13.0	13.6
Abs.Max.	24.9	14.1	19.5	21.3	18.0	19.6	20.0	19.0	19.5
Abs.Min.	12.0	3.0	7.6	11.4	7.9	9.8	10.0	8.9	9.5

**BOUEIDAR - DAILY CLIMATIC DATA
DECEMBER 1986**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	336	10.0	-7.0	1.5	52.0	14.0	1.77	0.0	97.1
2	337	10.8	-7.5	1.7	53.7	13.3	1.77	0.0	34.1
3	338	12.6	-8.0	2.3	56.5	13.7	1.77	0.0	36.2
4	339	11.0	-8.0	1.5	55.3	12.0	2.21	0.0	80.0
5	340	15.0	-8.0	3.5	53.8	13.8	1.55	0.0	80.0
6	341	16.7	-5.2	5.8	56.4	13.5	1.77	0.0	80.0
7	342	15.0	-4.3	5.4	58.0	13.7	1.55	0.0	80.0
8	343	15.9	-7.0	4.5	57.1	13.5	1.77	0.0	80.0
9	344	12.7	-7.0	2.9	61.6	13.3	1.33	0.0	80.0
10	345	13.0	-7.0	3.0	63.0	12.6	1.77	0.0	80.0
11	346	12.5	-7.5	2.5	66.9	12.9	1.55	0.0	m
12	347	12.2	-8.0	2.1	60.5	13.0	2.21	0.0	40.6
13	348	10.2	-7.0	1.6	58.4	12.4	1.11	0.0	15.9
14	349	10.0	-7.0	1.5	59.0	10.7	0.88	0.0	29.1
15	350	11.1	-3.9	3.6	61.5	10.3	1.11	0.0	38.0
16	351	12.9	-2.5	5.2	60.5	12.1	2.21	0.0	49.0
17	352	13.2	-5.0	4.1	67.4	9.4	2.43	0.0	436.3
18	353	12.6	7.0	9.8	76.5	7.0	3.98	0.0	373.7
19	354	9.0	3.2	6.1	89.0	3.4	0.57	7.2	373.7
20	355	14.2	2.0	8.1	72.0	6.6	0.25	6.0	353.8
21	356	15.8	7.2	11.5	65.5	11.1	2.43	4.2	381.1
22	357	15.1	6.7	10.9	69.5	9.3	0.52	0.0	149.2
23	358	18.0	7.0	12.5	66.5	12.2	0.52	0.0	152.8
24	359	11.0	4.0	7.5	80.8	5.2	0.52	0.0	44.9
25	360	10.4	4.8	7.6	75.8	4.7	0.44	0.0	73.7
26	361	16.2	6.8	11.5	60.0	9.1	3.21	5.2	294.2
27	362	14.0	8.0	11.0	64.1	6.4	1.99	0.0	461.9
28	363	12.2	7.0	9.6	63.0	4.1	0.44	0.0	350.0
29	364	12.3	6.7	9.5	68.8	4.0	1.51	4.6	350.3
30	365	10.0	3.0	6.5	55.5	12.9	1.33	0.0	205.3
31	366	15.0	1.3	8.2	59.5	12.3	0.44	0.0	116.6
Mean/Total		12.9	-1.1	5.9	63.5	10.4	1.51	27.2	167.3
Abs. Maximum		18.0	8.0	12.5	89.0	14.0	3.98	7.2	461.9
Abs. Minimum		9.0	-8.0	1.5	52.0	3.4	0.25	0.0	15.9

**BOUEIDAR - DAILY SOIL TEMPERATURE
DECEMBER 1986**

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	12.4	1.0	6.7	10.7	6.7	8.7	9.5	8.8	9.2
2	13.0	0.6	6.8	10.4	6.1	8.3	9.0	8.2	8.6
3	13.2	0.0	6.6	10.3	5.7	8.0	8.8	8.0	8.4
4	11.0	0.6	5.8	10.0	5.8	7.9	11.0	10.5	10.8
5	11.2	-1.7	4.8	10.9	5.5	8.2	11.0	10.0	10.5
6	12.5	-0.1	6.2	11.9	6.3	9.1	11.8	10.6	11.2
7	12.0	0.8	6.4	11.9	7.0	9.5	11.9	11.0	11.5
8	11.7	-0.3	5.7	11.2	6.4	8.8	11.7	10.7	11.2
9	11.0	-0.4	5.3	11.0	6.2	8.6	11.3	10.3	10.8
10	10.8	-1.2	4.8	10.5	5.8	8.2	11.0	10.0	10.5
11	11.0	-1.1	5.0	11.0	5.8	8.4	11.0	10.0	10.5
12	10.8	-1.0	4.9	10.3	5.4	7.8	11.0	10.0	10.5
13	10.5	-0.2	5.2	10.2	5.8	8.0	10.8	10.0	10.4
14	9.9	-0.2	4.9	10.0	5.7	7.9	10.7	9.8	10.3
15	11.0	1.2	6.1	11.0	6.8	8.9	11.0	10.0	10.5
16	12.2	2.0	7.1	11.8	7.2	9.5	11.3	10.8	11.1
17	9.9	1.0	5.5	10.4	6.8	8.6	11.2	10.2	10.7
18	10.4	6.6	8.5	11.8	10.0	10.9	12.0	11.2	11.6
19	8.0	4.8	6.4	11.0	9.7	10.4	12.0	11.8	11.9
20	11.0	3.0	7.0	11.0	8.0	9.5	12.0	11.0	11.5
21	12.0	6.2	9.1	13.0	11.0	12.0	12.9	12.0	12.5
22	13.3	5.7	9.5	13.4	9.8	11.6	13.0	12.0	12.5
23	13.8	6.2	10.0	14.0	10.3	12.2	13.5	12.9	13.2
24	10.0	5.0	7.5	12.0	9.4	10.7	13.4	12.2	12.8
25	10.0	5.0	7.5	11.2	9.0	10.1	12.4	12.0	12.2
26	12.6	6.2	9.4	12.8	9.8	11.3	13.0	12.0	12.5
27	10.0	5.8	7.9	11.8	9.7	10.8	13.0	12.3	12.7
28	9.2	5.4	7.3	11.0	9.0	10.0	12.3	12.0	12.2
29	7.6	4.8	6.2	10.0	8.3	9.2	12.2	11.7	12.0
30	7.9	2.8	5.4	9.5	6.9	8.2	11.9	11.0	11.5
31	12.0	1.9	7.0	12.0	6.0	9.0	12.0	10.8	11.4
Mean	11.0	2.3	6.7	11.2	7.5	9.4	11.6	10.8	11.2
Abs.Max.	13.8	6.6	10.0	14.0	11.0	12.2	13.5	12.9	13.2
Abs.Min.	7.6	-1.7	4.8	9.5	5.4	7.8	8.8	8.0	8.4

**BOUEIDAR - DAILY CLIMATIC DATA
JANUARY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	1	10.0	8.2	9.1	78.1	4.0	1.44	9.4	73.6
2	2	11.6	3.0	7.3	76.6	7.9	0.44	0.0	120.5
3	3	8.1	1.1	4.6	82.6	6.3	1.99	4.2	91.4
4	4	10.0	7.4	8.7	82.4	5.1	0.44	0.0	107.7
5	5	12.0	7.0	9.5	78.0	7.9	1.30	6.6	159.3
6	6	11.1	5.3	8.2	76.2	7.2	2.40	2.4	222.3
7	7	14.0	5.4	9.7	64.9	10.0	0.60	0.6	440.8
8	8	16.5	9.0	12.8	76.0	10.8	3.09	0.0	328.5
9	9	14.2	7.0	10.6	77.3	9.5	0.67	2.0	404.1
10	10	13.5	2.0	7.8	69.5	13.3	2.21	0.0	242.3
11	11	12.0	0.0	6.0	76.9	13.4	2.43	0.0	86.1
12	12	11.0	0.0	5.5	75.5	13.1	0.29	0.0	145.9
13	13	11.2	1.0	6.1	78.0	13.8	0.29	0.0	31.1
14	14	12.5	-0.9	5.8	76.9	13.8	0.29	0.0	23.9
15	15	12.8	-1.1	5.9	78.1	13.2	1.33	0.0	23.4
16	16	12.0	-1.0	5.5	80.5	12.1	0.88	0.0	22.7
17	17	12.0	-1.0	5.5	78.0	13.5	0.44	0.0	30.0
18	18	13.6	-2.0	5.8	73.6	14.9	0.88	0.0	49.0
19	19	13.3	-1.3	6.0	72.1	14.6	1.77	0.0	46.6
20	20	13.5	1.5	7.5	71.8	12.7	1.33	0.0	34.4
21	21	13.8	2.4	8.1	72.0	11.6	0.50	0.5	29.5
22	22	16.2	1.0	8.6	67.4	14.0	0.19	2.4	74.1
23	23	10.6	6.8	8.7	87.4	4.8	1.59	3.8	163.2
24	24	11.2	6.3	8.8	82.0	5.9	1.59	3.8	273.6
25	25	13.8	7.0	10.4	75.9	11.2	2.89	10.4	442.1
26	26	9.4	2.6	6.0	71.5	9.2	1.33	0.0	264.1
27	27	12.3	0.9	6.6	81.6	9.3	0.44	0.0	301.5
28	28	13.7	9.1	11.4	80.0	6.7	2.20	2.2	370.0
29	29	16.5	8.0	12.3	77.4	9.4	2.21	0.0	278.8
30	30	14.0	4.0	9.0	83.8	9.8	0.88	0.0	130.1
31	31	15.0	4.2	9.6	82.5	14.2	0.88	0.0	36.7
Mean/Total		12.6	3.3	8.0	76.9	10.4	1.27	48.3	162.8
Abs.Maximum		16.5	9.1	12.8	87.4	14.9	3.09	10.4	442.1
Abs.Minimum		8.1	-2.0	4.6	64.9	4.0	0.19	0.0	22.7

**BOUEIDAR - DAILY SOIL TEMPERATURE
JANUARY 1987**

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	9.8	7.0	8.4	11.2	9.8	10.5	12.1	12.0	12.1
2	11.0	4.2	7.6	12.2	9.0	10.6	12.4	12.0	12.2
3	7.5	2.0	4.8	9.1	6.1	7.6	12.0	10.8	11.4
4	10.0	6.0	8.0	11.2	8.8	10.0	12.0	11.0	11.5
5	11.9	6.8	9.4	12.7	10.0	11.4	12.9	12.0	12.5
6	9.2	5.0	7.1	11.0	9.0	10.0	12.8	12.0	12.4
7	10.0	4.0	7.0	11.0	7.5	9.3	12.0	11.0	11.5
8	12.8	7.0	9.9	13.2	10.0	11.6	13.1	12.0	12.6
9	10.7	5.9	8.3	12.0	9.6	10.8	13.0	12.1	12.6
10	10.5	2.7	6.6	11.8	8.2	10.0	12.4	11.8	12.1
11	11.3	1.0	6.2	11.2	5.8	8.5	11.8	10.1	11.0
12	10.2	1.0	5.6	10.5	5.9	8.2	11.1	10.0	10.6
13	12.5	3.0	7.8	12.0	7.0	9.5	11.5	10.1	10.8
14	11.8	0.8	6.3	11.2	5.8	8.5	11.2	10.0	10.6
15	11.2	0.7	6.0	11.0	5.2	8.1	11.0	9.8	10.4
16	11.3	1.0	6.2	11.0	5.6	8.3	10.7	9.3	10.0
17	12.0	0.8	6.4	11.2	5.4	8.3	10.6	9.0	9.8
18	12.5	0.1	6.3	11.8	5.0	8.4	10.8	9.0	9.9
19	12.9	0.1	6.5	12.0	5.0	8.5	10.9	9.1	10.0
20	12.8	2.0	7.4	12.0	6.4	9.2	11.0	10.0	10.5
21	13.1	3.0	8.1	12.8	7.2	10.0	11.5	10.1	10.8
22	13.5	2.5	8.0	13.0	7.0	10.0	11.9	10.1	11.0
23	9.6	5.3	7.5	10.5	9.1	9.8	11.9	11.1	11.5
24	8.5	5.0	6.8	10.2	8.4	9.3	11.3	11.0	11.2
25	10.2	4.8	7.5	11.2	8.0	9.6	11.2	10.8	11.0
26	8.0	2.0	5.0	10.0	7.0	8.5	11.2	10.2	10.7
27	7.9	0.7	4.3	9.0	5.0	7.0	10.2	9.0	9.6
28	9.6	6.0	7.8	10.5	8.5	9.5	11.0	10.0	10.5
29	11.0	6.0	8.5	11.9	9.1	10.5	12.0	11.0	11.5
30	12.0	4.0	8.0	12.0	7.8	9.9	12.0	11.0	11.5
31	14.8	4.0	9.4	14.0	8.0	11.0	12.4	11.0	11.7
Mean	11.0	3.4	7.2	11.4	7.4	9.4	11.7	10.6	11.1
Abs.Max.	14.8	7.0	9.9	14.0	10.0	11.6	13.1	12.1	12.6
Abs.Min.	7.5	0.1	4.3	9.0	5.0	7.0	10.2	9.0	9.6

**BOUEIDAR - DAILY CLIMATIC DATA
FEBRUARY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	32	14.0	2.0	8.0	81.6	10.2	1.77	0.0	30.2
2	33	15.0	2.0	8.5	81.5	10.0	0.44	0.0	66.0
3	34	18.2	5.0	11.6	67.5	12.7	2.36	2.8	205.4
4	35	18.0	6.9	12.5	71.5	13.6	1.77	0.0	326.5
5	36	17.0	5.0	11.0	64.6	15.2	1.77	0.0	127.2
6	37	14.8	0.3	7.6	62.9	16.8	3.09	0.0	332.0
7	38	15.2	7.2	11.2	66.0	12.5	2.65	0.0	187.9
8	39	13.9	6.9	10.4	76.6	13.0	1.20	1.2	150.2
9	40	13.0	5.0	9.0	79.0	8.9	2.17	8.8	177.1
10	41	15.0	5.0	10.0	68.0	17.6	3.98	0.0	129.6
11	42	15.0	2.0	8.5	63.8	18.1	1.33	0.0	186.7
12	43	15.3	4.2	9.8	74.0	17.3	3.09	0.0	94.8
13	44	16.5	-0.5	8.0	69.5	17.5	2.21	0.0	119.3
14	45	18.2	4.9	11.6	68.0	15.1	3.09	0.0	179.3
15	46	18.6	7.3	13.0	68.9	17.2	3.09	0.0	99.3
16	47	18.0	6.0	12.0	73.0	17.7	3.69	0.6	281.3
17	48	17.5	5.5	11.5	76.5	13.0	3.98	0.0	224.7
18	49	17.3	3.6	10.5	72.0	9.4	2.09	9.6	222.5
19	50	12.5	2.2	7.4	85.0	9.9	1.40	1.4	185.3
20	51	16.1	0.3	8.2	77.5	19.5	3.09	0.0	71.9
21	52	17.0	0.0	8.5	73.5	19.8	2.65	0.0	82.0
22	53	18.8	-0.6	9.1	70.4	19.0	1.77	0.0	134.9
23	54	21.0	1.8	11.4	65.5	19.4	3.98	0.0	241.4
24	55	19.0	7.0	13.0	75.0	14.7	4.86	0.0	216.0
25	56	15.0	9.0	12.0	84.0	13.1	3.98	0.0	456.7
26	57	16.0	7.2	11.6	75.6	18.1	4.86	0.0	421.4
27	58	13.0	7.0	10.0	80.5	11.2	2.65	0.0	179.6
28	59	10.3	4.0	7.2	82.9	9.3	1.77	0.0	51.5
29	60								
Mean/Total		16.0	4.2	10.1	73.4	14.6	2.67	24.4	185.0
Abs. Maximum		21.0	9.0	13.0	85.0	19.8	4.86	9.6	456.7
Abs. Minimum		10.3	-0.6	7.2	62.9	8.9	0.44	0.0	30.2

**BOUEIDAR - DAILY SOIL TEMPERATURE
FEBRUARY 1987**

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	12.4	3.3	7.9	12.3	7.9	10.1	12.1	11.0	11.6
2	12.8	4.8	8.8	12.8	8.2	10.5	12.0	11.0	11.5
3	15.0	5.0	10.0	14.0	8.9	11.5	13.0	11.5	12.3
4	14.0	6.0	10.0	14.0	10.0	12.0	13.1	12.1	12.6
5	15.2	6.0	10.6	15.0	9.7	12.4	13.7	12.1	12.9
6	13.5	2.1	7.8	13.1	7.5	10.3	13.1	11.3	12.2
7	14.0	4.8	9.4	13.9	8.5	11.2	12.9	11.5	12.2
8	15.1	6.0	10.6	14.0	9.8	11.9	13.0	12.0	12.5
9	11.2	5.0	8.1	12.1	9.0	10.6	13.0	12.0	12.5
10	15.1	5.7	10.4	14.9	9.5	12.2	13.1	12.0	12.6
11	15.0	2.0	8.5	13.8	7.0	10.4	13.0	11.0	12.0
12	15.8	3.8	9.8	14.6	8.0	11.3	13.0	11.2	12.1
13	16.1	2.3	9.2	14.9	7.3	11.1	13.0	11.2	12.1
14	15.9	5.1	10.5	15.0	9.1	12.1	13.9	12.0	13.0
15	19.5	7.0	13.3	17.7	10.8	14.3	15.0	13.0	14.0
16	17.5	6.3	11.9	16.8	10.6	13.7	15.0	13.6	14.3
17	15.8	8.0	11.9	15.3	11.7	13.5	14.8	14.0	14.4
18	13.0	5.1	9.1	13.2	9.8	11.5	14.4	13.0	13.7
19	13.0	5.3	9.2	13.9	10.1	12.0	13.8	13.0	13.4
20	16.0	2.6	9.3	15.0	7.2	11.1	13.8	12.0	12.9
21	17.1	3.1	10.1	15.9	8.0	12.0	14.0	12.0	13.0
22	16.6	3.0	9.8	15.1	8.0	11.6	14.0	12.0	13.0
23	17.2	4.0	10.6	16.0	8.8	12.4	14.1	12.2	13.2
24	17.7	6.7	12.2	16.1	10.4	13.3	15.0	13.1	14.1
25	14.0	8.5	11.3	15.0	12.0	13.5	15.0	14.0	14.5
26	16.0	7.4	11.7	15.9	11.0	13.5	15.0	13.8	14.4
27	13.8	7.0	10.4	14.2	11.0	12.6	14.8	13.8	14.3
28	13.2	6.9	10.1	13.9	10.6	12.3	14.1	13.3	13.7
Mean	15.0	5.1	10.0	14.6	9.3	11.9	13.7	12.3	13.0
Abs.Max.	19.5	8.5	13.3	17.7	12.0	14.3	15.0	14.0	14.5
Abs.Min.	11.2	2.0	7.8	12.1	7.0	10.1	12.0	11.0	11.5

**BOUEIDAR - DAILY CLIMATIC DATA
MARCH 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	61	10.0	1.5	5.8	76.0	6.6	1.77	0.0	221.3
2	62	13.5	5.8	9.7	80.5	17.0	1.33	0.0	130.7
3	63	12.5	3.0	7.8	85.5	8.5	0.44	0.0	47.3
4	64	16.8	-1.0	7.9	77.4	14.4	1.64	1.2	263.6
5	65	20.0	7.0	13.5	73.3	13.6	3.54	0.0	484.0
6	66	10.0	4.1	7.1	79.0	9.1	1.80	1.8	327.9
7	67	17.0	0.1	8.6	71.5	14.0	3.09	0.0	505.3
8	68	11.5	3.7	7.6	75.0	9.4	2.20	2.2	207.4
9	69	12.0	1.0	6.5	75.5	16.4	2.19	4.4	405.0
10	70	11.5	6.8	9.2	75.0	15.6	3.98	0.0	410.1
11	71	10.2	1.0	5.6	81.9	10.6	3.00	3.0	191.7
12	72	12.0	-2.8	4.6	80.5	14.7	0.82	4.8	304.4
13	73	10.0	2.1	6.1	73.0	15.9	1.33	0.0	382.6
14	74	10.2	0.0	5.1	71.2	18.8	0.88	0.0	161.2
15	75	9.0	1.0	5.0	78.2	m	2.21	0.0	69.3
16	76	11.0	-2.6	4.2	74.0	m	2.43	4.2	284.2
17	77	15.0	4.8	9.9	72.5	m	3.09	0.0	292.4
18	78	15.2	5.0	10.1	73.6	m	4.94	1.4	510.2
19	79	12.0	-1.2	5.4	66.8	m	2.87	0.0	272.9
20	80	12.0	-5.6	3.2	66.3	m	3.09	0.0	71.0
21	81	15.5	-5.5	5.0	62.5	m	2.87	0.0	85.8
22	82	18.2	-4.2	7.0	63.8	m	4.86	0.0	65.1
23	83	19.3	-2.3	8.5	63.9	19.7	4.98	1.0	216.1
24	84	19.0	10.1	14.6	72.0	12.1	2.77	1.0	149.5
25	85	16.8	8.0	12.4	70.1	14.5	2.99	1.0	280.6
26	86	15.0	6.0	10.5	72.5	15.4	3.57	1.8	242.4
27	87	17.2	1.2	9.2	65.8	25.6	4.86	0.0	201.6
28	88	16.0	-1.2	7.4	68.2	20.7	3.09	0.0	88.9
29	89	18.0	3.0	10.5	66.5	24.4	4.86	0.0	81.5
30	90	21.0	-1.0	10.0	66.0	26.2	4.42	0.0	63.7
31	91	23.0	2.0	12.5	64.0	26.7	3.98	0.0	91.3
Mean/Total		14.5	1.6	8.1	72.3	16.1	2.90	27.8	229.3
Abs. Maximum		23.0	10.1	14.6	85.5	26.7	4.98	4.8	510.2
Abs. Minimum		9.0	-5.6	3.2	62.5	6.6	0.44	0.0	47.3

**BOUEIDAR - DAILY SOIL TEMPERATURE
MARCH 1987**

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	9.2	4.4	6.8	11.0	8.9	10.0	13.9	12.1	13.0
2	18.5	6.0	12.3	16.5	9.4	13.0	14.2	12.0	13.1
3	13.0	7.0	10.0	13.2	10.8	12.0	14.1	13.0	13.6
4	15.6	3.0	9.3	14.0	8.0	11.0	13.5	12.0	12.8
5	14.0	8.0	11.0	14.0	11.0	12.5	14.0	13.1	13.6
6	10.2	5.4	7.8	11.8	9.4	10.6	14.0	12.5	13.3
7	15.0	2.9	9.0	13.1	7.3	10.2	13.1	11.7	12.4
8	11.9	5.9	8.9	12.1	9.9	11.0	13.1	12.9	13.0
9	13.6	3.0	8.3	13.0	7.8	10.4	13.0	11.8	12.4
10	11.0	6.0	8.5	12.0	9.8	10.9	13.0	12.0	12.5
11	11.0	3.8	7.4	11.1	8.1	9.6	12.6	11.6	12.1
12	10.6	0.8	5.7	11.0	6.0	8.5	12.0	10.5	11.3
13	10.2	3.2	6.7	11.1	8.1	9.6	12.0	11.0	11.5
14	12.0	1.0	6.5	11.8	5.8	8.8	11.8	10.0	10.9
15	12.2	3.1	7.7	12.0	7.2	9.6	12.0	10.8	11.4
16	13.8	1.0	7.4	12.1	6.0	9.1	12.0	10.2	11.1
17	16.0	5.2	10.6	14.8	9.0	11.9	13.2	11.6	12.4
18	14.0	5.2	9.6	13.0	9.0	11.0	13.0	12.0	12.5
19	15.6	3.6	9.6	14.8	8.0	11.4	13.1	12.0	12.6
20	19.0	0.0	9.5	16.0	6.0	11.0	13.2	10.8	12.0
21	20.5	0.7	10.6	17.0	6.6	11.8	14.0	11.0	12.5
22	22.5	2.1	12.3	18.9	7.7	13.3	15.0	12.0	13.5
23	18.6	3.8	11.2	16.6	9.0	12.8	15.0	13.0	14.0
24	17.5	9.9	13.7	16.5	12.9	14.7	15.5	14.3	14.9
25	17.0	9.5	13.3	16.4	13.0	14.7	15.6	15.0	15.3
26	14.0	8.2	11.1	14.9	12.0	13.5	15.0	14.2	14.6
27	20.0	5.0	12.5	18.0	9.7	13.9	15.8	13.2	14.5
28	19.9	4.2	12.1	17.5	9.5	13.5	15.8	13.5	14.7
29	24.0	7.0	15.5	20.8	11.0	15.9	17.0	14.2	15.6
30	25.8	6.0	15.9	22.0	11.0	16.5	18.0	15.0	16.5
31	27.0	7.5	17.3	23.0	12.2	17.6	18.9	15.9	17.4
Mean	15.9	4.6	10.3	14.8	9.0	11.9	14.0	12.4	13.2
Abs.Max.	27.0	9.9	17.3	23.0	13.0	17.6	18.9	15.9	17.4
Abs.Min.	9.2	0.0	5.7	11.0	5.8	8.5	11.8	10.0	10.9

**BOUEIDAR - DAILY CLIMATIC DATA
APRIL 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	92	27.0	4.0	15.5	63.0	25.7	7.52	0.0	183.2
2	93	21.4	7.0	14.2	71.5	16.2	4.86	0.0	229.6
3	94	19.0	3.5	11.3	71.5	23.0	1.95	4.6	456.8
4	95	19.2	8.0	13.6	67.5	27.1	6.63	0.0	410.1
5	96	20.0	1.7	10.9	67.9	26.0	5.75	0.0	148.9
6	97	22.2	3.0	12.6	66.8	27.1	5.75	0.0	117.9
7	98	23.9	2.9	13.4	65.3	26.7	4.86	0.0	120.4
8	99	26.2	9.2	17.7	60.1	20.7	5.75	0.0	100.9
9	100	25.2	10.1	17.7	60.9	25.5	7.96	0.0	307.0
10	101	24.0	11.9	18.0	63.6	25.2	5.75	0.0	158.2
11	102	25.5	6.8	16.2	63.5	20.1	5.99	2.9	140.4
12	103	25.0	14.0	19.5	61.5	22.0	9.52	2.0	449.1
13	104	21.4	9.0	15.2	65.1	26.1	7.52	0.0	288.0
14	105	22.0	3.5	12.8	63.0	25.0	4.86	0.0	135.9
15	106	23.1	2.9	13.0	61.0	29.9	5.75	0.0	92.7
16	107	26.0	4.8	15.4	61.1	22.8	7.51	0.0	357.5
17	108	21.9	8.5	15.2	64.4	25.0	8.40	0.0	277.5
18	109	20.9	2.5	11.7	66.6	28.3	6.63	0.0	350.2
19	110	21.0	7.1	14.1	65.0	26.4	9.28	0.0	468.8
20	111	19.0	8.8	13.9	62.0	21.4	5.75	0.0	183.4
21	112	23.0	6.0	14.5	57.0	30.1	7.51	0.0	129.8
22	113	28.0	3.1	15.6	48.5	30.0	7.51	0.0	98.6
23	114	27.8	9.0	18.4	50.0	27.3	9.72	0.0	218.4
24	115	24.0	12.2	18.1	57.0	15.9	7.51	0.0	308.1
25	116	19.2	7.0	13.1	70.0	20.9	6.18	2.2	352.8
26	117	21.0	1.0	11.0	66.2	31.0	4.86	0.0	118.6
27	118	23.0	3.1	13.1	57.0	32.2	7.51	0.0	143.7
28	119	26.5	3.9	15.2	52.4	32.1	7.51	0.0	101.0
29	120	30.6	7.0	18.8	52.8	29.5	10.61	0.0	187.3
30	121	27.2	7.1	17.2	61.8	28.7	8.40	0.0	203.9
Mean/Total		23.5	6.3	14.9	62.1	25.6	6.84	11.7	228.0
Abs. Maximum		30.6	14.0	19.5	71.5	32.2	10.61	4.6	468.8
Abs. Minimum		19.0	1.0	10.9	48.5	15.9	1.95	0.0	92.7

**BOUEIDAR - DAILY SOIL TEMPERATURE
APRIL 1987**

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	28.0	9.0	18.5	24.0	13.8	18.9	19.9	16.9	18.4
2	22.4	12.5	17.5	21.5	16.2	18.9	19.9	18.0	19.0
3	20.9	8.3	14.6	20.0	14.0	17.0	19.0	17.0	18.0
4	19.1	8.8	14.0	19.0	13.5	16.3	18.0	16.6	17.3
5	24.5	6.5	15.5	21.2	12.0	16.6	18.2	16.0	17.1
6	26.1	8.0	17.1	23.0	13.3	18.2	19.0	16.6	17.8
7	26.8	8.3	17.6	23.4	13.9	18.7	19.8	17.0	18.4
8	26.8	12.2	19.5	24.0	16.5	20.3	20.4	18.4	19.4
9	28.2	13.2	20.7	25.3	17.2	21.3	21.5	19.2	20.4
10	28.9	14.0	21.5	25.9	18.1	22.0	22.0	20.0	21.0
11	27.0	12.4	19.7	24.6	17.3	21.0	22.0	20.0	21.0
12	24.0	15.9	20.0	23.1	19.3	21.2	22.0	21.0	21.5
13	23.0	13.2	18.1	22.1	17.7	19.9	21.4	20.0	20.7
14	26.0	9.4	17.7	23.0	15.0	19.0	20.5	18.9	19.7
15	28.9	9.2	19.1	25.0	15.0	20.0	21.0	18.5	19.8
16	25.0	10.5	17.8	23.0	15.9	19.5	21.0	19.0	20.0
17	24.9	12.0	18.5	23.0	16.6	19.8	20.9	19.5	20.2
18	25.0	9.2	17.1	23.0	15.0	19.0	20.7	19.0	19.9
19	24.6	11.2	17.9	22.0	16.0	19.0	20.5	19.0	19.8
20	24.4	12.8	18.6	22.5	16.9	19.7	20.5	19.1	19.8
21	30.0	11.0	20.5	25.5	16.0	20.8	21.6	19.0	20.3
22	32.0	10.6	21.3	26.9	16.1	21.5	22.5	19.9	21.2
23	30.4	13.6	22.0	26.8	18.0	22.4	23.0	21.0	22.0
24	24.9	15.0	20.0	23.4	19.2	21.3	22.8	21.2	22.0
25	20.3	12.9	16.6	21.0	18.0	19.5	22.0	20.8	21.4
26	29.0	8.5	18.8	24.8	14.8	19.8	21.2	19.0	20.1
27	30.0	10.0	20.0	25.8	16.0	20.9	22.0	19.9	21.0
28	32.0	11.0	21.5	27.0	17.0	22.0	22.8	20.2	21.5
29	33.8	12.8	23.3	28.0	18.0	23.0	23.8	21.1	22.5
30	33.2	13.5	23.4	28.0	19.0	23.5	23.6	20.0	21.8
Mean	26.7	11.2	18.9	23.9	16.2	20.0	21.1	19.1	20.1
Abs.Max.	33.8	15.9	23.4	28.0	19.3	23.5	23.8	21.2	22.5
Abs.Min.	19.1	6.5	14.0	19.0	12.0	16.3	18.0	16.0	17.1

**BOUEIDAR - DAILY CLIMATIC DATA
MAY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	122	22.0	4.7	13.4	66.7	28.6	8.40	0.0	274.3
2	123	21.0	6.4	13.7	69.6	26.8	7.51	0.0	220.7
3	124	24.0	4.2	14.1	64.5	31.0	7.29	0.0	152.7
4	125	26.8	6.5	16.7	60.9	27.3	6.63	0.0	130.3
5	126	30.4	8.0	19.2	57.8	31.1	11.05	0.0	176.5
6	127	32.2	5.1	18.7	50.9	29.0	10.17	0.0	126.9
7	128	35.2	11.9	23.6	46.5	28.1	9.28	0.0	137.0
8	129	31.5	13.9	22.7	51.0	25.6	13.70	0.0	321.3
9	130	27.0	12.0	19.5	65.0	31.5	11.05	0.0	286.4
10	131	24.8	8.0	16.4	65.2	30.3	10.17	0.0	310.0
11	132	22.0	11.0	16.5	68.5	20.8	6.63	0.0	236.2
12	133	26.0	5.0	15.5	64.3	32.0	7.51	0.0	102.5
13	134	31.4	7.0	19.2	56.5	28.7	10.17	0.0	194.8
14	135	32.5	13.1	22.8	48.0	33.1	13.70	0.0	248.0
15	136	32.2	9.0	20.6	48.0	33.4	11.05	0.0	159.5
16	137	36.0	8.0	22.0	44.0	33.6	11.93	0.0	131.6
17	138	37.2	14.0	25.6	45.9	31.6	11.05	0.0	148.4
18	139	38.0	14.0	26.0	43.0	31.5	11.93	0.0	126.7
19	140	38.8	16.6	27.7	41.0	28.9	15.03	0.0	184.2
20	141	37.0	14.8	25.9	41.9	31.6	13.26	0.0	224.9
21	142	33.0	11.2	22.1	55.5	31.3	12.82	0.0	345.1
22	143	35.6	15.0	25.3	59.9	25.9	14.59	0.0	439.8
23	144	29.0	12.2	20.6	60.0	33.3	12.82	0.0	329.0
24	145	25.6	11.2	18.4	68.1	24.9	10.17	0.0	268.7
25	146	28.2	6.8	17.5	63.5	30.9	9.28	0.0	182.2
26	147	31.3	7.5	19.4	62.0	32.1	11.05	0.0	212.5
27	148	34.9	12.0	23.5	54.0	27.8	11.93	0.0	205.9
28	149	27.0	17.0	22.0	69.0	16.7	5.29	2.2	186.5
29	150	32.0	12.0	22.0	57.8	29.8	8.40	0.0	185.4
30	151	34.0	13.2	23.6	49.0	33.6	14.59	0.0	298.9
31	152	36.0	15.0	25.5	42.4	28.8	10.17	0.0	169.3
Mean/Total		30.7	10.5	20.6	56.1	29.3	10.6	2.2	216.7
Abs. Maximum		38.8	17.0	27.7	69.6	33.6	15.03	2.2	439.8
Abs. Minimum		21.0	4.2	13.4	41.0	16.7	5.29	0.0	102.5

**BOUEIDAR - DAILY SOIL TEMPERATURE
MAY 1987**

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	27.5	12.7	20.1	24.6	18.0	21.3	21.5	19.1	20.3
2	28.0	13.2	20.6	24.9	18.0	21.5	20.5	19.0	19.8
3	33.0	12.0	22.5	27.0	17.2	22.1	21.2	18.9	20.1
4	32.9	14.0	23.5	27.8	18.8	23.3	22.0	19.9	21.0
5	36.0	15.2	25.6	29.7	19.9	24.8	22.9	20.6	21.8
6	36.1	14.0	25.1	30.0	19.4	24.7	23.1	20.9	22.0
7	37.8	17.2	27.5	30.7	21.3	26.0	24.2	22.0	23.1
8	32.8	19.0	25.9	28.8	22.7	25.8	24.1	22.9	23.5
9	36.9	19.0	28.0	30.5	23.0	26.8	24.2	22.9	23.6
10	32.0	15.0	23.5	27.5	20.5	24.0	24.0	22.0	23.0
11	28.1	16.9	22.5	26.0	21.0	23.5	23.0	21.8	22.4
12	36.0	13.0	24.5	29.0	19.0	24.0	23.0	20.8	21.9
13	35.0	15.5	25.3	29.0	20.6	24.8	23.9	21.8	22.9
14	38.6	18.0	28.3	31.2	22.2	26.7	24.8	23.0	23.9
15	39.1	16.1	27.6	31.6	21.6	26.6	25.0	23.0	24.0
16	41.0	16.5	28.8	32.8	22.0	27.4	26.0	23.1	24.6
17	42.8	20.0	31.4	34.0	24.0	29.0	27.0	24.6	25.8
18	43.4	20.2	31.8	35.0	25.0	30.0	27.9	25.3	26.6
19	43.0	22.0	32.5	35.0	26.0	30.5	28.2	26.2	27.2
20	42.0	21.2	31.6	34.9	25.9	30.4	28.0	26.3	27.2
21	39.0	19.6	29.3	33.0	25.0	29.0	28.0	26.0	27.0
22	37.8	21.0	29.4	32.0	25.0	28.5	27.4	26.0	26.7
23	38.0	18.5	28.3	32.0	23.6	27.8	26.9	25.1	26.0
24	32.4	18.4	25.4	29.0	23.2	26.1	26.5	24.9	25.7
25	36.9	15.0	26.0	30.8	21.0	25.9	25.5	23.9	24.7
26	38.0	16.0	27.0	31.4	22.0	26.7	26.0	24.0	25.0
27	40.6	18.0	29.3	32.9	23.0	28.0	27.0	24.6	25.8
28	28.0	21.0	24.5	27.1	25.3	26.2	26.9	25.2	26.1
29	38.7	17.1	27.9	32.0	22.2	27.1	26.4	24.0	25.2
30	40.6	20.0	30.3	33.5	24.5	29.0	27.3	25.3	26.3
31	41.0	20.8	30.9	33.9	25.1	29.5	28.0	26.0	27.0
Mean	36.5	17.3	26.9	30.6	22.1	26.3	25.2	23.2	24.2
Abs.Max.	43.4	22.0	32.5	35.0	26.0	30.5	28.2	26.3	27.2
Abs.Min.	27.5	12.0	20.1	24.6	17.2	21.3	20.5	18.9	19.8

**BOUEIDAR - DAILY CLIMATIC DATA
JUNE 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	153	36.0	17.2	26.6	45.9	26.7	14.59	0.0	448.9
2	154	30.0	14.8	22.4	56.0	32.2	11.05	0.0	330.3
3	155	29.3	9.3	19.3	54.7	33.3	11.05	0.0	197.5
4	156	29.0	12.0	20.5	55.6	31.4	12.82	0.0	319.5
5	157	32.6	10.2	21.4	41.4	33.4	11.05	0.0	198.1
6	158	34.0	9.8	21.9	39.5	33.4	12.82	0.0	228.5
7	159	35.6	10.4	23.0	33.5	33.4	16.35	0.0	312.9
8	160	33.2	14.2	23.7	39.0	33.0	13.70	0.0	266.4
9	161	33.7	11.3	22.5	35.0	34.2	14.59	0.0	231.4
10	162	35.0	13.0	24.0	36.7	33.3	15.47	0.0	273.9
11	163	36.0	13.0	24.5	34.5	34.0	17.24	0.0	311.2
12	164	35.0	14.3	24.7	39.4	33.6	15.47	0.0	295.3
13	165	34.0	14.0	24.0	43.1	32.6	16.35	0.0	255.2
14	166	36.0	14.0	25.0	40.0	33.2	12.82	0.0	197.0
15	167	35.2	14.6	24.9	41.0	31.5	13.70	0.0	210.5
16	168	35.9	18.0	27.0	41.0	25.4	13.70	0.0	274.8
17	169	35.2	15.8	25.5	47.5	31.0	14.59	0.0	229.7
18	170	38.2	17.4	27.8	41.4	31.8	15.25	0.0	272.8
19	171	35.0	15.0	25.0	45.0	34.0	15.47	0.0	267.7
20	172	33.0	12.2	22.6	46.5	33.4	11.93	0.0	307.6
21	173	32.0	15.0	23.5	48.0	33.5	16.35	0.0	427.8
22	174	36.2	12.0	24.1	41.0	34.7	18.79	0.0	373.8
23	175	37.0	20.4	28.7	33.7	34.0	20.77	0.0	391.3
24	176	38.0	13.0	25.5	30.9	35.0	15.47	0.0	235.7
25	177	36.0	11.2	23.6	39.5	34.1	14.59	0.0	279.2
26	178	36.2	10.8	23.5	47.3	34.2	15.47	0.0	221.0
27	179	35.0	15.0	25.0	51.5	33.7	12.60	0.0	246.1
28	180	36.4	16.2	26.3	46.4	33.3	14.59	0.0	212.5
29	181	39.0	17.0	28.0	40.2	33.4	12.82	0.0	177.0
30	182	39.0	17.0	28.0	39.3	32.7	14.37	0.0	188.2
Mean/Total		34.9	13.9	24.4	42.5	32.8	14.53	0.0	272.7
Abs. Maximum		39.0	20.4	28.7	56.0	35.0	20.77	0.0	448.9
Abs. Minimum		29.0	9.3	19.3	30.9	25.4	11.05	0.0	177.0

**BOUEIDAR - DAILY SOIL TEMPERATURE
JUNE 1987**

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	39.2	22.8	31.0	33.0	26.5	29.8	28.0	27.0	27.5
2	37.7	20.2	29.0	32.0	25.0	28.5	27.5	26.0	26.8
3	40.0	17.6	28.8	33.0	23.1	28.1	27.0	25.2	26.1
4	35.0	18.4	26.7	31.0	23.8	27.4	27.0	25.4	26.2
5	41.5	17.6	29.6	33.7	23.1	28.4	27.2	25.0	26.1
6	41.5	18.0	29.8	34.0	24.0	29.0	27.9	25.7	26.8
7	40.3	18.7	29.5	33.9	24.3	29.1	28.0	26.0	27.0
8	41.0	20.8	30.9	34.2	35.8	35.0	28.2	26.8	27.5
9	40.8	19.2	30.0	34.0	25.0	29.5	28.2	26.6	27.4
10	41.0	20.2	30.6	34.5	25.5	30.0	28.6	27.0	27.8
11	41.0	21.0	31.0	34.0	26.0	30.0	28.4	26.0	27.2
12	41.7	21.3	31.5	34.2	25.6	29.9	28.0	26.1	27.1
13	41.0	21.8	31.4	34.0	26.0	30.0	28.0	26.2	27.1
14	44.0	20.8	32.4	35.2	25.2	30.2	28.2	26.3	27.3
15	45.0	22.0	33.5	36.0	26.0	31.0	29.0	27.0	28.0
16	44.2	23.8	34.0	35.9	27.2	31.6	29.0	27.6	28.3
17	43.0	22.4	32.7	35.2	26.4	30.8	29.0	27.0	28.0
18	45.0	23.1	34.1	36.2	27.0	31.6	28.9	27.0	28.0
19	42.2	22.4	32.3	35.0	26.6	30.8	28.8	27.0	27.9
20	43.2	20.2	31.7	35.0	25.1	30.1	28.0	26.4	27.2
21	39.0	21.5	30.3	33.0	25.5	29.3	28.0	26.4	27.2
22	41.1	19.7	30.4	33.9	24.3	29.1	27.8	26.0	26.9
23	41.2	23.2	32.2	34.4	26.4	30.4	28.0	26.8	27.4
24	44.8	20.6	32.7	36.0	25.1	30.6	28.5	26.5	27.5
25	40.0	20.0	30.0	35.8	25.0	30.4	28.4	25.8	27.1
26	45.0	19.6	32.3	36.0	25.0	30.5	28.8	26.6	27.7
27	45.0	22.7	33.9	36.5	26.9	31.7	29.0	27.2	28.1
28	45.1	23.0	34.1	36.8	27.0	31.9	29.2	27.6	28.4
29	46.6	23.7	35.2	37.8	27.4	32.6	30.0	28.0	29.0
30	47.9	24.0	36.0	38.6	28.0	33.3	30.7	28.3	29.5
Mean	42.1	21.0	31.6	34.8	25.9	30.3	28.4	26.6	27.5
Abs.Max.	47.9	24.0	36.0	38.6	35.8	35.0	30.7	28.3	29.5
Abs.Min.	35.0	17.6	26.7	31.0	23.1	27.4	27.0	25.0	26.1

**BOUEIDAR - DAILY CLIMATIC DATA
JULY 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	183	39.8	17.0	28.4	32.5	32.8	15.47	0.0	234.2
2	184	38.8	17.0	27.9	34.0	33.8	17.24	0.0	377.3
3	185	36.8	18.0	27.4	48.1	31.8	18.79	0.0	395.4
4	186	34.0	17.0	25.5	54.0	33.5	12.82	0.0	327.6
5	187	34.8	15.0	24.9	52.6	31.6	11.93	0.0	251.5
6	188	34.0	16.1	25.1	55.9	28.0	10.17	0.0	327.6
7	189	34.0	19.0	26.5	51.5	27.9	11.93	0.0	266.3
8	190	33.0	17.0	25.0	52.8	30.3	12.82	0.0	360.4
9	191	34.0	14.8	24.4	46.0	32.7	14.37	0.0	171.4
10	192	38.9	15.1	27.0	36.5	33.3	11.05	0.0	144.1
11	193	42.0	21.0	31.5	36.7	31.5	14.59	0.0	261.8
12	194	36.8	19.0	27.9	49.1	32.4	15.47	0.0	279.8
13	195	35.1	15.1	25.1	49.5	32.1	13.70	0.0	300.4
14	196	37.8	18.6	28.2	45.6	33.1	14.59	0.0	316.4
15	197	38.0	17.0	27.5	49.5	32.4	16.35	0.0	383.7
16	198	37.6	18.8	28.2	47.9	32.7	14.59	0.0	241.5
17	199	40.0	18.0	29.0	44.2	31.6	15.47	0.0	253.5
18	200	40.0	17.6	28.8	41.5	31.7	15.47	0.0	286.6
19	201	40.5	18.0	29.3	41.0	31.6	16.13	0.0	277.0
20	202	41.0	20.0	30.5	38.0	31.0	17.24	0.0	270.4
21	203	41.6	19.0	30.3	37.0	30.5	12.82	0.0	169.9
22	204	43.0	20.6	31.8	41.5	30.2	13.48	0.0	224.1
23	205	42.8	20.6	31.7	39.0	31.3	17.02	0.0	217.2
24	206	43.2	20.2	31.7	35.0	31.1	17.24	0.0	244.3
25	207	42.9	20.0	31.5	37.5	30.1	15.25	0.0	196.8
26	208	43.0	20.2	31.6	33.7	30.2	15.47	0.0	199.5
27	209	44.0	21.6	32.8	34.0	28.8	12.60	0.0	228.7
28	210	44.0	22.4	33.2	34.0	29.8	14.59	0.0	217.0
29	211	45.0	19.6	32.3	32.0	28.8	15.47	0.0	206.8
30	212	42.8	19.0	30.9	31.4	28.9	14.59	0.0	213.2
31	213	41.0	19.0	30.0	40.0	28.9	11.05	0.0	216.6
Mean/Total		39.4	18.4	28.9	42.0	31.1	14.51	0.0	260.0
Abs. Maximum		45.0	22.4	33.2	55.9	33.8	18.79	0.0	395.4
Abs. Minimum		33.0	14.8	24.4	31.4	27.9	10.17	0.0	144.1

**BOUEIDAR - DAILY SOIL TEMPERATURE
JULY 1987**

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	47.0	24.6	35.8	38.5	28.7	33.6	30.6	29.0	29.8
2	43.2	23.8	33.5	36.6	28.0	32.3	30.3	29.0	29.7
3	42.6	24.0	33.3	36.0	28.0	32.0	30.0	28.6	29.3
4	43.2	23.0	33.1	36.2	27.2	31.7	29.8	28.0	28.9
5	44.9	22.7	33.8	36.8	27.0	31.9	29.8	28.0	28.9
6	41.0	23.0	32.0	35.0	27.0	31.0	29.6	28.0	28.8
7	42.0	24.3	33.2	35.5	27.7	31.6	29.4	28.0	28.7
8	41.4	23.7	32.6	35.0	27.2	31.1	29.3	28.0	28.7
9	44.8	21.8	33.3	36.4	26.4	31.4	29.0	27.3	28.2
10	47.2	22.2	34.7	37.9	27.0	32.5	30.0	27.8	28.9
11	48.7	25.9	37.3	39.0	29.0	34.0	31.0	29.0	30.0
12	45.2	25.6	35.4	37.9	29.3	33.6	31.0	29.2	30.1
13	43.5	22.9	33.2	36.5	27.5	32.0	30.3	28.7	29.5
14	44.3	23.9	34.1	37.0	28.0	32.5	30.1	28.8	29.5
15	43.0	23.1	33.1	36.3	27.8	32.1	30.0	28.7	29.4
16	45.0	24.6	34.8	37.8	28.2	33.0	30.4	29.0	29.7
17	46.2	23.8	35.0	38.0	28.0	33.0	31.0	29.0	30.0
18	46.0	24.0	35.0	38.0	28.6	33.3	31.0	29.1	30.1
19	46.6	24.0	35.3	38.5	28.7	33.6	31.0	29.4	30.2
20	46.0	25.6	35.8	38.4	29.8	34.1	31.2	30.0	30.6
21	49.0	25.2	37.1	40.0	29.4	34.7	32.0	30.0	31.0
22	49.0	27.4	38.2	40.2	31.0	35.6	32.8	31.0	31.9
23	50.0	27.2	38.6	41.0	31.0	36.0	33.0	31.1	32.1
24	51.0	26.6	38.8	41.0	31.0	36.0	33.0	31.2	32.1
25	51.0	27.0	39.0	41.0	31.0	36.0	33.2	31.6	32.4
26	51.2	26.8	39.0	41.4	31.0	36.2	33.8	31.8	32.8
27	51.0	28.0	39.5	41.6	32.0	36.8	34.0	32.0	33.0
28	51.0	28.4	39.7	41.9	32.1	37.0	34.0	32.2	33.1
29	51.4	27.2	39.3	42.0	31.8	36.9	34.0	32.0	33.0
30	48.0	27.0	37.5	41.0	31.2	36.1	33.8	32.0	32.9
31	47.2	24.3	35.8	40.6	31.0	35.8	33.2	31.9	32.6
Mean	46.5	24.9	35.7	38.5	29.1	33.8	31.3	29.7	30.5
Abs.Max.	51.4	28.4	39.7	42.0	32.1	37.0	34.0	32.2	33.1
Abs.Min.	41.0	21.8	32.0	35.0	26.4	31.0	29.0	27.3	28.2

**BOUEIDAR - DAILY CLIMATIC DATA
AUGUST 1987**

Day	Jul. Day	Max. Temp. (°C)	Min. Temp. (°C)	Mean Temp. (°C)	Mean RH. (%)	Sol. Rad. (MJ/m ²)	Evap. (mm)	Prec. (mm)	Wind Run (km/d)
1	214	40.9	21.1	31.0	44.5	26.6	11.93	0.0	254.0
2	215	40.1	22.9	31.5	44.5	23.8	12.82	0.0	303.2
3	216	39.6	23.5	31.6	46.5	27.2	11.93	0.0	351.2
4	217	41.0	20.0	30.5	42.5	29.2	12.82	0.0	202.8
5	218	42.2	19.6	30.9	43.3	29.1	11.93	0.0	181.4
6	219	44.0	23.6	33.8	31.2	26.8	12.82	0.0	149.6
7	220	47.2	24.0	35.6	30.5	27.5	12.82	0.0	194.0
8	221	45.2	24.0	34.6	35.5	24.6	13.70	0.0	231.9
9	222	43.0	22.2	32.6	35.9	28.4	16.13	0.0	356.3
10	223	40.8	21.0	30.9	39.0	28.6	13.70	0.0	267.4
11	224	40.2	20.0	30.1	38.0	29.6	13.70	0.0	m
12	225	41.0	18.8	29.9	36.0	28.8	13.48	0.0	m
13	226	40.8	17.4	29.1	39.2	29.4	15.25	0.0	287.8
14	227	39.0	17.0	28.0	47.9	28.4	12.81	0.0	292.6
15	228	37.0	20.2	28.6	51.9	26.2	15.25	0.0	267.4
16	229	37.8	17.2	27.5	49.0	27.4	11.93	0.0	239.0
17	230	36.0	19.0	27.5	51.5	28.3	10.83	0.0	281.0
18	231	34.1	19.0	26.6	52.5	21.7	7.29	0.0	218.3
19	232	34.6	12.6	23.6	40.7	29.4	8.40	0.0	109.4
20	233	36.8	11.4	24.1	38.5	30.3	12.60	0.0	220.1
21	234	37.0	13.9	25.5	44.0	29.2	10.83	0.0	235.2
22	235	37.0	14.0	25.5	49.0	28.9	10.17	0.0	240.9
23	236	35.1	15.1	25.1	51.0	28.3	12.60	0.0	360.5
24	237	34.6	15.1	24.9	51.5	28.4	11.05	0.0	244.6
25	238	33.6	14.8	24.2	48.5	26.8	10.17	0.0	382.4
26	239	33.2	16.4	24.8	47.0	28.5	10.83	0.0	551.5
27	240	33.2	20.0	26.6	49.7	28.6	15.47	0.0	228.2
28	241	35.9	14.0	25.0	39.8	28.2	11.93	0.0	217.9
29	242	37.0	14.6	25.8	37.0	28.0	12.38	0.0	200.9
30	243	37.2	14.0	25.6	41.0	27.8	11.05	0.0	168.5
31	244	36.4	14.0	25.2	47.3	26.0	10.17	0.0	176.8
Mean/Total		38.4	18.0	28.3	43.4	27.7	12.22	0.0	255.7
Abs. Maximum		47.2	24.0	35.6	52.5	30.3	16.13	0.0	551.5
Abs. Minimum		33.2	11.4	23.6	30.5	21.7	7.29	0.0	109.4

**BOUEIDAR - DAILY SOIL TEMPERATURE
AUGUST 1987**

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	46.0	25.2	35.6	40.0	31.2	35.6	33.1	31.9	32.5
2	43.8	26.6	35.2	39.2	32.0	35.6	33.1	32.0	32.6
3	43.1	26.1	34.6	39.0	31.6	35.3	33.0	31.8	32.4
4	47.0	24.0	35.5	40.1	30.5	35.3	33.0	31.2	32.1
5	47.3	24.5	35.9	40.8	31.0	35.9	33.2	31.5	32.4
6	47.6	28.4	38.0	41.3	32.0	36.7	34.0	32.0	33.0
7	50.0	27.0	38.5	42.8	32.8	37.8	34.9	32.8	33.9
8	47.5	28.0	37.8	42.0	33.8	37.9	33.8	33.2	33.5
9	45.0	26.4	35.7	40.8	33.0	36.9	34.6	33.0	33.8
10	46.0	25.0	35.5	40.9	31.5	36.2	33.9	32.1	33.0
11	44.9	24.2	34.6	40.0	31.1	35.6	33.2	32.0	32.6
12	46.0	23.0	34.5	40.2	30.4	35.3	33.1	31.9	32.5
13	45.0	22.2	33.6	39.8	30.0	34.9	33.1	31.5	32.3
14	45.0	22.0	33.5	39.5	29.5	34.5	32.8	31.0	31.9
15	44.0	24.3	34.2	39.1	30.9	35.0	32.9	31.2	32.1
16	44.2	22.8	33.5	39.1	29.1	34.1	32.6	31.0	31.8
17	43.0	23.8	33.4	38.6	30.0	34.3	32.4	31.0	31.7
18	39.6	23.0	31.3	36.3	29.7	33.0	32.0	30.6	31.3
19	43.3	18.5	30.9	37.5	27.0	32.3	31.0	29.0	30.0
20	43.2	18.2	30.7	37.6	26.6	32.1	31.0	29.1	30.1
21	43.0	19.1	31.1	37.4	27.0	32.2	30.9	29.0	30.0
22	43.5	19.0	31.3	37.4	27.0	32.2	30.8	29.0	29.9
23	39.4	20.2	29.8	35.9	27.5	31.7	30.6	29.0	29.8
24	40.0	19.4	29.7	36.0	27.0	31.5	30.1	28.8	29.5
25	37.0	19.6	28.3	34.8	27.0	30.9	30.0	28.6	29.3
26	37.0	20.0	28.5	34.8	26.8	30.8	29.4	28.1	28.8
27	41.1	21.5	31.3	37.0	27.2	32.1	30.0	28.4	29.2
28	41.0	20.0	30.5	36.8	27.0	31.9	30.0	28.4	29.2
29	42.0	20.0	31.0	37.2	27.0	32.1	30.1	28.6	29.4
30	43.2	19.5	31.4	37.8	26.8	32.3	30.2	28.5	29.4
31	43.0	20.0	31.5	37.8	27.0	32.4	30.8	28.7	29.8
Mean	43.6	22.6	33.1	38.6	29.4	34.0	32.1	30.5	31.3
Abs.Max.	50.0	28.4	38.5	42.8	33.8	37.9	34.9	33.2	33.9
Abs.Min.	37.0	18.2	28.3	34.8	26.6	30.8	29.4	28.1	28.8

المركز الدولي للبحوث الزراعية في المناطق الجافة
ايكاردا
ص. ب. 5466 ، حلب ، سورية

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