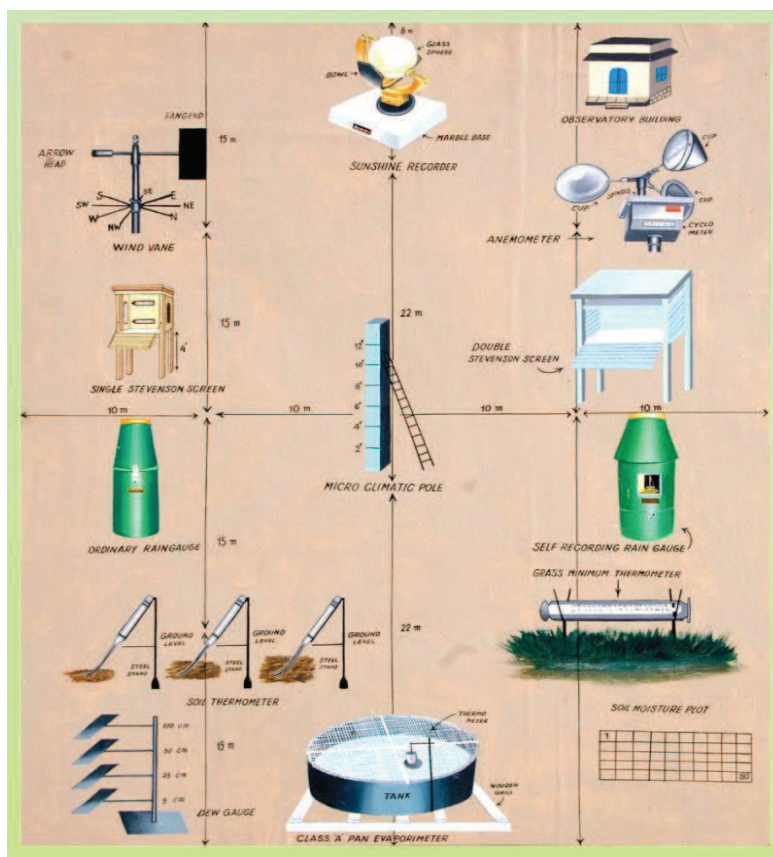


Annual Weather Report - 2013



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Preface

Crop yield is the function of many factors like weather, soil fertility and water management. Of these weather plays an important role. Yield of a crop depends on the weather conditions during a season. At all Agricultural Research Stations Agro-meteorological observations are recorded from the observatories to study the crop weather relationship.

*The **Annual Weather Report** has been published by this department every year using observed weather data at the observatory located at Instructional Farm. The report carries daily, weekly, monthly, seasonal and annual weather data pertaining to all parameters like air and soil temperatures, rainfall, relative humidity, wind speed, wind direction, bright sunshine hour and evaporation. The bulletin also contains the frequency of hot days during summer, cold days during winter, cloudy days and rainy days during monsoon seasons for last 29 years (1985-2013) which is very useful for climate variability study.*

This type of Annual Weather Report should be published at all Research Stations using their respective observatory data which will be useful for future studies. This will be useful for all the research scientists and post graduate students for interpretation of weather conditions during their field experiments. This compilation is appreciated for easy availability of weather data for all users.

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Introduction

Weather conditions during crop seasons strongly influence the crop growth and development. The variation in crop productivity is mainly due to weather fluctuations. Weather and climate are the important factors determining the growth, development and yield of crops. Weather conditions affect the agricultural operations and experimental treatments also. Crop yields are the integrated result of external and internal processes that occur during the crop growing period. The external environment is the climate which regulates and the weather determines the growth and development and finally the yield of the crop. It is therefore; necessary to measure the meteorological parameters in all agricultural experimental stations. The interpretation of experimental results in the light of weather conditions prevailing during the period of crop growth is important. Weather observations are also required for accurate weather forecasting and comparison of forecasted weather.

In view of the above the weather parameters recorded at the Agro meteorological observatory, Department of Agronomy, Junagadh Agricultural University, Junagadh from 1st January 2013 to 31st December 2013 are analyzed and presented in this report.

Methodology

The daily, weekly, monthly, seasonal and annual weather data are presented along with the entire statistical parameters viz. mean, SD, coefficient of variation, mode, lowest and highest values. The year is divided into four seasons viz. winter (December to February), summer (March to May), monsoon (June to September) and post monsoon (October and November). The hot days, cold days, cloudy days and rainy days for last 29 years (1985-2013) are also presented in this report.

- A hot day is a day with maximum temperature 40 °C or more than 40 °C.
- A cold day is a day with minimum temperature 10 °C or less than 10 °C.
- A rainy day is a day receiving a 2.5 mm of rainfall or more.
- A cloudy day is a day with less than 2.0 hours bright sunshine hours.

Summary

The variation and distribution of all weather parameters viz. rainfall, temperature, wind speed, bright sunshine hours and evaporation are discussed below.

1. Rainfall and rainy days

An annual rainfall of 1520.3 mm was received in 62 rainy days. Whereas, monsoon rainfall of 1430.5 mm was received in 59 rainy days during the year 2013. The rain commenced from 8th June, one week earlier than the normal onset of monsoon and withdrew from 5th October.

2. Maximum temperature

The highest maximum temperature of 43.2 °C was recorded on 02nd May-2013.

3. Minimum Temperature

The lowest minimum temperature of 5.5 °C was recorded on 19th January-2013.

Summary of weather parameter during 2013

Annual rainfall (rainy days)	:	1520.3 (62)
Seasonal rainfall (rainy days)	:	1430.5 (59)
Onset of monsoon	:	8 th June, 2013
Withdrawal of monsoon	:	5 th October, 2013
Maximum temperature	:	43.2 °C (02/05/2013)
Minimum temperature	:	5.5 °C (19/01/2013)
Wind speed (km/hrs)	:	5.6 km/h
Evaporation (mm)	:	5.9 mm
Bright sunshine (hrs)	:	7.0 hr/day

Table-1 Daily Rainfall (mm) at Junagadh -Year-2013

Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1							1.8		2.0				
2							3.4	5.6		70.0			
3								36.0					
4								5.0		8.4			
5							13.0	1.2		11.4			
6							2.8	6.2					
7							5.2	13.4					
8						39.0	13.2	0.8					
9						3.0	2.5	2.0					
10						1.0	3.0	8.6					
11						94.0	11.3	2.8					
12						142.0	2.4	14.6	20.4				
13						5.5	84.0	5.3					
14						26.0	9.6	13.2	47.0				
15						77.0		15.0					
16							4.0	13.7					
17						81.5	1.9	4.2					
18						8.5	35.0	8.0					
19							13.4						
20						31.0	1.2						
21							7.2						
22						3.0	13.9						
23							5.2		19.4				
24							19.8		50.4				
25						4.8	50.8		39.2				
26							42.2		71.4				
27						8.0	13.5		85.0				
28						4.0	12.2		2.2				
29						2.0	4.2						
30						6.8	21.6						
31							0.3	2.2					
Total	0.0	0.0	0.0	0.0	0.0	537.1	398.6	157.8	337.0	89.8	0.0	0.0	
R. Days	0	0	0	0	0	15	23	14	7	3	0	0	
Grand Total	1520.3				Rainy Days:				62				
< 2.5	0	0	0	0	0	2	4	3	2	0	0	0	
2.5 - 10	-	0	0	0	0	8	10	8	0	1	0	0	
10.- 30	-	0	0	0	0	1	9	5	2	1	0	0	
30-60	-	0	0	0	0	2	3	1	3	1	0	0	
>60	-	0	0	0	0	4	0	0	2	0	0	0	

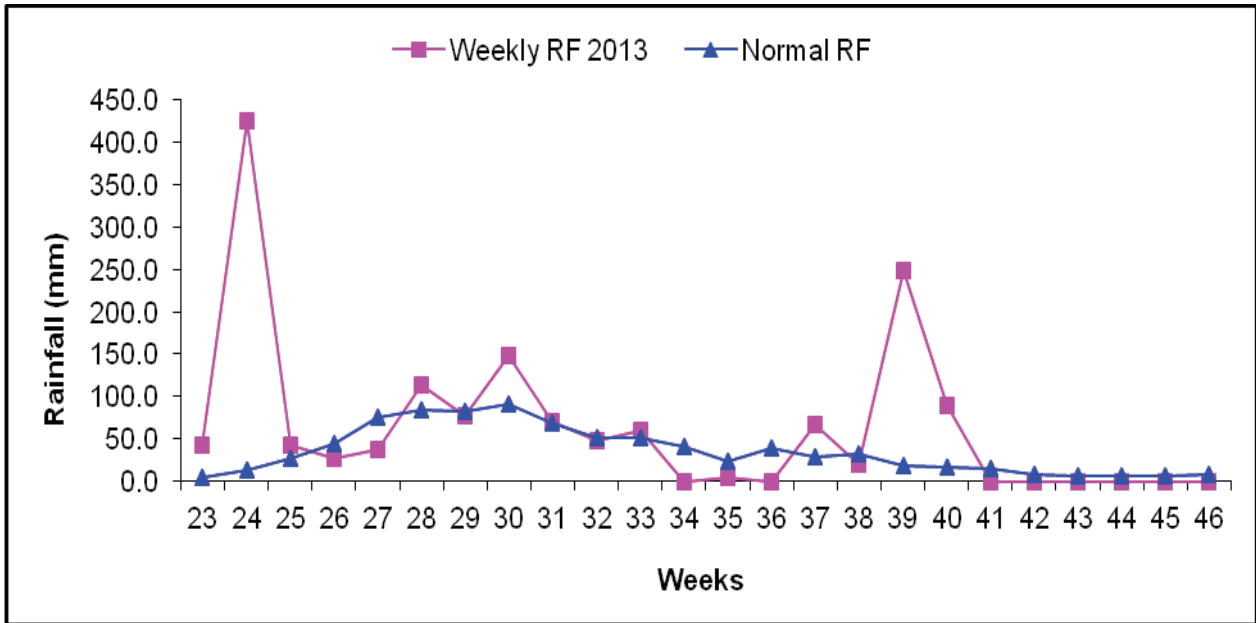


Fig. 1:- Weekly rainfall pattern-2013

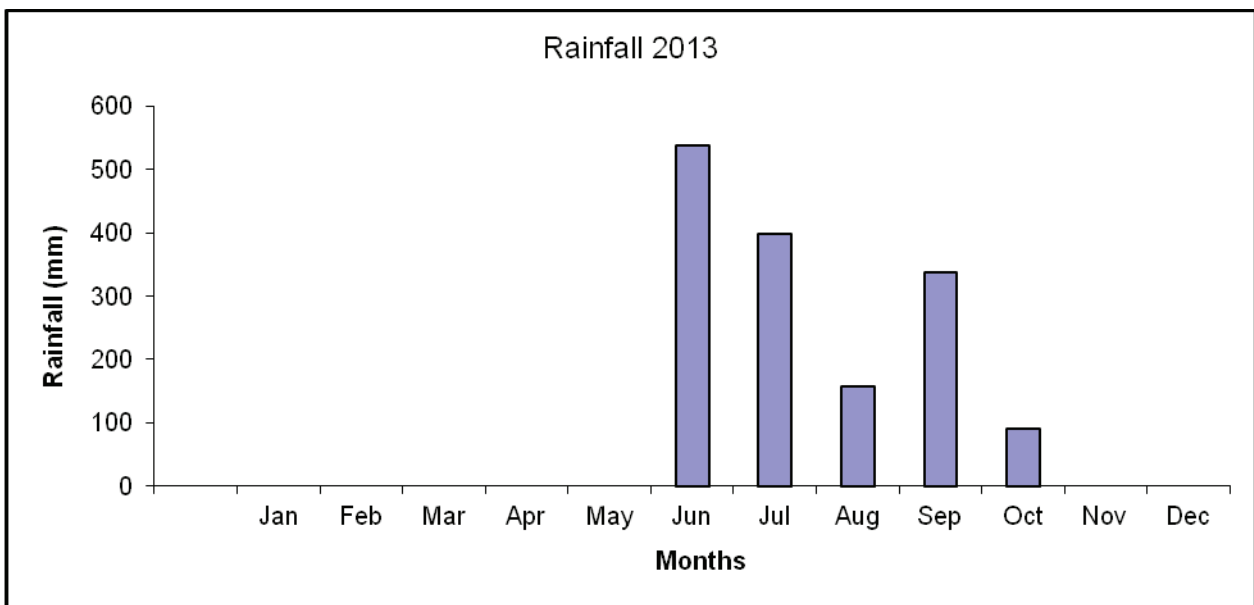


Fig. 2:- Monthly rainfall pattern-2013

Table-2(A) Weekly mean weather data- I during 2013

Week No	Temp. °C		R.H.%		W.S.	BSS	Evapo.	Rain	Rainy
	Max	Min	I	II	(kmph)	(hrs)	(mm)	(mm)	Days
1-J	28.2	9.2	63	20	5.3	9.0	5.4		
2	31.5	12.2	53	17	4.3	9.1	5.6		
3	29.4	13.1	65	24	5.5	7.9	5.3		
4	30.6	11.9	45	17	5.0	9.5	6.2		
5	32.4	15.1	76	29	3.6	8.5	4.5		
6-F	30.3	15.0	47	15	6.6	9.2	6.7		
7	33.9	16.1	63	18	3.8	9.0	6.4		
8	33.3	16.7	62	19	5.2	10.1	6.6		
9	35.3	15.6	44	12	5.8	10.4	8.5		
10-M	39.7	17.8	43	9	4.4	10.3	8.9		
11	36.6	20.4	58	17	5.8	8.9	8.1		
12	37.3	21.4	62	16	6.4	10.3	9.0		
13	35.7	21.7	69	22	6.2	9.1	8.4		
14-A	37.3	22.1	60	17	6.7	10.3	9.5		
15	37.9	22.8	72	21	6.8	8.9	9.1		
16	36.5	24.3	84	41	8.7	9.5	8.7		
17	40.6	26.1	58	21	8.2	10.3	11.7		
18	41.0	25.2	71	27	7.5	11.3	11.7		
19-M	39.9	25.3	81	32	8.8	10.4	10.5		
20	39.7	25.7	82	32	8.8	10.6	9.9		
21	39.9	27.2	77	36	11.4	10.3	10.7		
22	39.0	27.0	76	36	10.6	9.3	10.2		
23-J	37.4	26.4	79	57	7.8	5.7	6.3	43.0	2
24	31.5	25.0	85	94	6.1	1.0	1.7	426.0	6
25	33.2	26.0	85	64	7.0	4.1	4.6	42.5	3
26	32.4	25.7	89	71	9.0	0.7	3.3	27.4	4
27-J	31.3	26.0	89	74	7.9	0.2	3.2	37.6	5
28	30.2	24.5	90	82	6.7	0.5	3.1	112.8	5
29	30.3	25.2	94	89	6.9	0.2	2.2	76.6	5
30	28.5	24.9	94	93	6.4	0.0	1.3	147.9	7
31	28.7	24.9	94	84	6.9	0.2	1.0	69.7	4
32-A	29.5	24.4	92	83	6.1	0.7	1.6	48.4	5
33	29.1	24.7	92	84	4.9	0.4	1.6	59.4	6
34	30.6	24.6	88	66	5.5	1.5	3.6		
35	31.6	24.3	88	72	3.9	2.8	4.0	4.2	0
36-S	32.3	24.2	89	56	4.6	6.4	5.0		
37	34.0	24.9	83	63	2.8	7.0	4.8	67.4	2
38	34.1	25.4	86	68	4.2	6.3	4.4	19.4	1
39	28.7	25.3	97	86	5.9	2.1	2.0	248.2	4
40-O	32.4	25.1	76	70	1.9	6.6	2.7	89.8	3
41	32.6	25.6	86	63	1.6	5.7	3.1		
42	35.0	24.2	87	41	2.4	8.5	4.7		
43	35.2	20.6	79	32	3.4	9.6	5.1		
44	34.1	19.0	78	34	2.5	9.5	4.5		
45-N	33.4	19.6	68	34	3.7	9.0	5.2		
46	31.5	16.0	67	36	3.5	8.8	4.8		
47	32.9	15.1	77	31	2.7	9.3	4.6		
48	32.8	18.8	58	34	4.3	8.7	5.6		
49-D	31.5	14.0	77	33	3.4	9.0	4.3		
50	30.3	11.8	82	31	2.7	9.5	9.5		
51	28.9	12.7	80	27	3.4	9.0	8.9		
52	26.7	13.0	48	29	7.8	8.0	8.3		
Mean	33.4	21.0	75	44	5.6	7.0	5.9	1520.3	62
S.D.	3.7	5.2	15	26	2.2	3.7	2.9		
C.V.%	11.1	24.6	20	58	40.0	52.5	49.8		
Highest	41.0	27.2	97	94	11.4	11.3	11.7		
Lowest	26.7	9.2	43	09	1.6	0.0	1.0		

Table-2(B) Weekly mean weather data- II during 2013

Week No	D.B. (°C)		W.B. (°C)		Soil Temperature (°C)					
	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	11.1	27.4	7.9	14.6	18.3	20.2	25.2	30.8	27.0	26.2
2	15.1	31.6	10.3	17.2	19.9	21.6	25.7	33.4	28.8	26.8
3	15.4	27.9	12.1	16.3	21.0	22.6	26.5	33.0	29.1	27.5
4	13.7	30.4	8.6	16.1	20.0	21.7	26.3	34.1	29.9	27.2
5	17.6	31.4	15.2	19.5	21.9	23.2	27.6	35.4	31.6	28.6
6	17.8	30.5	12.0	16.1	21.7	23.2	27.5	35.6	31.8	28.5
7	18.3	32.3	14.2	17.7	23.3	24.9	29.2	37.4	33.7	30.3
8	18.6	33.1	14.5	18.5	23.5	25.3	29.6	38.9	35.0	30.8
9	18.1	35.2	12.0	18.0	22.6	25.3	30.1	40.0	36.0	31.4
10	21.9	38.5	14.7	18.9	25.3	27.0	31.9	42.2	38.2	33.5
11	23.8	36.2	18.1	19.9	26.7	27.8	32.6	41.3	38.5	33.9
12	24.8	36.2	19.5	19.7	27.6	28.7	33.5	41.8	39.2	34.8
13	24.5	35.0	20.6	20.4	27.9	29.5	34.6	41.3	39.2	35.0
14	25.7	36.4	20.3	20.0	28.6	29.4	34.6	43.9	40.4	35.9
15	25.8	37.4	23.2	22.9	29.4	30.8	35.3	44.2	40.2	36.7
16	26.4	35.4	24.3	24.9	31.0	32.1	35.9	43.9	41.5	37.1
17	28.9	40.3	22.8	22.0	31.9	32.9	36.8	45.8	42.6	37.9
18	28.2	39.5	24.2	24.4	32.3	33.8	37.9	45.6	43.7	39.2
19	27.9	38.6	25.4	25.3	32.6	33.7	37.7	46.5	43.7	39.2
20	27.8	39.2	25.5	25.8	33.7	34.1	38.2	47.8	44.3	39.5
21	29.4	38.6	26.2	26.4	35.4	34.9	38.6	47.0	43.5	39.7
22	29.6	38.3	26.2	26.1	35.1	35.0	38.5	47.1	42.5	39.6
23	29.5	34.3	26.7	27.0	33.2	33.4	36.8	41.9	38.3	37.6
24	27.6	27.4	26.5	26.6	29.6	28.4	31.1	32.6	30.9	31.8
25	28.3	32.6	26.4	27.0	30.2	28.6	31.9	35.7	33.4	33.1
26	27.6	30.9	26.1	26.7	30.0	28.4	31.7	33.7	31.6	32.3
27	27.7	30.2	26.2	27.6	29.8	28.6	31.3	32.6	30.9	31.8
28	26.4	28.3	25.2	25.7	28.7	27.1	30.2	32.0	30.2	30.7
29	26.4	28.2	25.8	26.9	28.7	27.5	29.6	31.0	29.7	30.7
30	26.3	26.6	25.2	25.6	28.6	26.9	29.1	29.4	27.7	29.1
31	25.7	28.0	25.0	25.8	28.0	26.1	28.4	30.7	28.4	29.5
32	25.8	27.8	24.9	25.5	28.0	26.5	28.9	30.4	28.4	29.4
33	26.1	27.9	25.1	25.7	28.3	26.4	28.8	31.4	29.1	29.4
34	26.3	29.9	24.8	24.9	28.8	26.5	29.7	31.8	29.9	30.3
35	26.4	30.6	24.9	26.4	28.3	27.2	30.2	32.2	31.1	30.9
36	26.5	31.8	25.1	25.2	28.2	27.1	30.4	33.8	32.3	31.9
37	27.2	33.3	25.1	27.5	29.6	28.7	30.4	33.6	31.4	32.1
38	26.8	31.8	25.0	26.7	29.0	27.9	31.3	34.3	31.8	32.5
39	25.9	28.4	25.5	26.6	28.1	27.1	28.6	30.8	28.2	29.4
40	26.7	30.7	25.6	26.2	28.5	27.2	30.2	34.4	32.0	31.4
41	26.8	31.8	25.3	26.3	28.9	27.4	31.0	35.4	32.7	32.3
42	25.6	34.8	24.0	24.5	28.1	27.1	31.2	36.9	32.5	32.0
43	24.2	34.8	21.4	22.8	26.2	25.4	30.0	36.2	33.6	31.5
44	22.6	33.3	20.1	22.3	27.3	26.4	30.4	39.1	35.7	35.7
45	23.4	32.2	19.5	21.1	27.7	26.9	30.8	38.4	35.6	32.6
46	19.7	31.1	16.0	20.9	24.7	24.0	28.9	37.1	33.9	30.3
47	18.7	31.9	16.3	20.5	24.2	23.7	28.4	37.0	32.8	29.5
48	22.5	31.9	17.2	21.2	26.0	25.5	29.5	37.4	33.5	30.5
49	17.8	30.5	15.4	19.8	23.8	23.6	28.1	36.6	32.1	29.3
50	14.5	29.2	12.9	18.4	21.8	21.9	26.6	35.3	30.1	27.7
51	14.2	28.7	12.4	17.4	22.0	21.9	26.2	35.8	30.0	27.5
52	15.6	25.7	10.3	15.7	20.8	20.9	25.0	33.3	27.8	25.8
Mean	23.4	32.4	20.5	22.6	27.2	27.2	30.9	37.1	34.0	32.1
S.D.	5.0	5.8	3.8	3.9	4.0	3.7	3.6	5.1	5.0	3.7
C.V.%	21.1	17.9	18.6	17.2	14.8	13.6	11.7	13.9	14.6	11.7
Highest	29.6	40.3	40.3	27.6	35.4	35.0	38.6	47.8	44.3	39.7
Lowest	11.1	25.7	7.9	14.6	18.3	20.2	25.0	29.4	27.0	25.8

Table-2(C) Weekly normal weather data at Junagadh (1965-2010)

Week No	Temperature °C		RH. %	W.S.	BSS	EVAPO.	Rainfall	Rainy
	Max	Min	Average	(kmph.)	(hrs.)	(mm)	(mm)	Days
1	29.5	10.6	55	6.4	8.9	5.6	0.3	
2	29.7	10.7	55	7.2	9.1	5.7	0.1	
3	29.6	10.0	54	6.3	9.6	5.9	0.3	
4	30.6	11.8	54	6.5	9.6	6.0	0.0	
5	31.1	11.1	53	6.7	9.6	6.6	0.0	
6	31.6	12.3	52	6.8	9.8	7.0	0.3	
7	31.8	13.6	55	6.5	9.6	6.8	0.1	
8	32.8	14.7	54	7.1	9.8	7.4	0.8	
9	34.1	15.5	52	7.3	9.8	8.1	0.0	
10	35.3	16.9	51	7.4	9.7	9.0	0.1	
11	36.2	18.5	53	8.0	9.4	9.1	0.0	
12	37.0	19.1	56	8.3	9.6	9.4	0.8	
13	37.8	20.4	55	8.7	9.4	10.1	0.1	
14	38.5	21.0	54	7.9	9.8	10.5	0.0	
15	39.0	21.6	61	8.4	9.9	10.2	0.4	
16	39.3	22.5	62	9.0	10.1	10.7	0.0	
17	39.2	23.4	65	9.0	9.9	10.5	0.2	
18	39.2	24.1	65	9.8	10.1	10.4	0.5	
19	39.4	24.7	69	9.8	9.9	10.1	0.0	
20	39.4	25.3	70	10.5	10.1	10.6	0.8	
21	38.5	26.0	73	11.7	9.8	10.5	0.2	
22	37.8	26.2	71	12.5	9.5	10.3	4.8	
23	37.6	26.7	73	13.2	8.2	9.5	13.9	1
24	36.4	26.4	74	12.7	5.9	8.3	26.2	1
25	34.9	26.3	78	13.4	4.1	7.7	43.5	2
26	34.4	26.2	78	12.1	4.1	7.3	76.3	3
27	33.3	25.6	83	11.6	4.1	6.4	83.8	3
28	32.8	25.5	85	12.2	2.8	5.1	82.9	3
29	31.6	25.1	88	10.6	2.2	5.0	90.2	3
30	31.4	24.9	88	11.4	2.4	5.2	67.9	3
31	30.6	24.6	88	10.5	2.4	4.3	50.8	3
32	30.6	24.2	88	10.0	2.2	3.7	51.7	3
33	31.0	23.8	88	8.4	2.1	3.6	41.2	2
34	31.5	23.7	87	7.3	3.2	4.0	23.7	2
35	31.6	23.5	86	6.6	3.8	3.8	39.0	3
36	31.7	23.3	85	6.2	4.9	4.4	28.8	2
37	32.5	22.7	83	5.3	6.6	4.3	32.2	2
38	33.7	22.5	79	5.0	7.5	4.7	18.0	2
39	34.8	23.4	78	4.9	7.6	4.7	17.2	1
40	35.7	23.1	73	5.1	8.3	5.1	14.1	1
41	36.8	22.5	67	4.4	8.7	5.4	8.5	1
42	36.6	20.7	63	4.8	8.8	5.7	5.4	
43	36.4	20.0	62	5.0	8.9	5.7	5.5	1
44	35.9	18.4	56	5.5	9.3	5.9	6.2	
45	35.3	17.9	56	4.7	8.7	5.8	8.4	
46	34.7	18.2	57	4.9	8.5	5.5	1.1	
47	33.5	16.8	58	4.2	8.4	5.0	3.3	
48	32.1	14.9	55	6.0	8.7	5.5	1.0	
49	32.3	12.9	56	5.7	8.8	5.3	0.3	
50	31.7	11.2	57	5.5	8.5	4.9	1.2	
51	31.2	11.7	56	5.2	8.4	5.1	0.1	
52	30.1	10.3	56	5.8	8.3	5.1	0.2	
Mean	34.2	19.9	66.7	7.9	7.7	6.8	852.4	42
Highest	39.4	26.7	88.0	13.4	10.1	10.7	--	--
Lowest	29.5	10.0	51.0	4.2	2.1	3.6	--	--

Table-3(A) Monthly mean weather data-2013

Month	Temperature °C			RH %		Mean	W.S. kmph	BSS hrs	Evapo. mm	Rain mm	Rainy days
	Max	Min	Mean	I	II						
Jan	30.2	11.8	21.0	58	19	39	4.9	8.8	6.0	0.0	
Feb	32.6	16	24.3	61	20	40	5.1	9.4	6.4	0.0	
March	37.2	19.6	28.4	55	15	35	5.6	9.7	9.0	0.0	
April	38.2	23.8	31.0	68	25	46	7.7	9.8	10.0	0.0	
May	39.9	26	33.0	78	32	55	9.4	10.5	11.0	0.0	
June	34.2	25.9	30.1	85	68	76	7.7	3.6	5.0	537.1	15
July	30.0	25.1	27.6	92	84	88	7.1	0.2	2.3	398.6	23
August	30.0	24.6	27.3	91	77	84	5.5	1.2	2.4	157.8	14
Sept.	32.0	24.9	28.5	89	70	79	4.3	5.2	4.0	337.0	7
October	33.8	23.4	28.6	85	50	67	2.3	7.8	4.0	89.8	3
Nov.	32.9	17.6	25.3	70	34	52	3.4	9.0	5.0	0.0	
Dec.	29.5	13.2	21.4	71	31	51	4.4	8.9	5.0	0.0	
Total	400.5	251.9	326.2	901.0	523.4	712.2	67.4	84.1	70.8	1520.3	62.0
Mean	33.4	21.0	27.2	75.1	43.6	59.4	5.6	7.0	5.9	126.7	12.4
S.D.	3.5	5.1	3.6	13.2	24.7	18.7	2.0	3.6	2.7	191.0	7.7
C.V.%	10.4	24.5	13.4	17.6	56.7	31.5	36.1	50.8	48.6	150.8	62.4
Highest	39.9	26.0	33.0	92	84	88.1	9.4	10.5	10.7	537.1	23.0
Lowest	29.5	11.8	21.0	55	15	35.1	2.3	0.2	2.3	0.0	3.0

Table-3(B) Monthly mean weather data-2013

Month	D.B. (°C)		W.B. (°C)		Soil Temperature (°C)					
	I	II	I	II	5 cm(I)	10cm(I)	20cm(I)	5cm(II)	10cm(II)	20cm(II)
Jan	14.0	29.6	10.0	16.2	19.9	21.6	26.1	33.1	29.0	27.0
Feb	18.4	31.9	14.1	18	22.8	24.4	28.7	37.1	33.4	29.8
March	22.9	36.6	17.2	19.5	26.2	27.8	32.8	41.6	38.5	33.9
April	26.7	37.5	22.6	22.4	30.2	31.3	35.7	44.4	41.3	36.9
May	28.5	38.9	25.5	25.6	33.8	34.2	38.2	46.7	43.5	39.4
June	28.4	32	26.4	26.7	31.2	30.3	33.5	37.2	34.6	34.4
July	26.6	28.4	25.6	26.4	28.9	27.5	29.9	31.2	29.5	30.5
August	26.1	28.8	24.9	25.5	28.3	26.5	29.2	31.3	29.4	29.9
Sept.	26.6	31.3	25.2	26.6	28.7	27.7	30.2	33.0	31.0	31.5
October	25.5	33	23.7	24.6	27.9	26.7	30.6	36.0	32.9	31.8
Nov.	21.3	32	17.7	21.1	25.9	25.3	29.6	37.8	34.3	31.0
Dec.	15.9	28.7	13	18.1	22.3	22.2	26.7	35.3	30.1	27.7
Total	280.9	388.7	245.9	270.7	326.2	325.6	371.0	444.9	407.5	383.9
Mean	23.4	32.4	20.5	22.6	27.2	27.1	30.9	37.1	34.0	32.0
S.D.	4.9	3.5	5.8	3.8	4.0	3.6	3.5	5.0	4.8	3.6
C.V.%	21.1	11.0	28.2	17.1	14.6	13.4	11.5	13.4	14.2	11.3
Highest	28.5	38.9	26.4	26.7	33.8	34.2	38.2	46.7	43.5	39.4
Lowest	14.0	28.4	10.0	16.2	19.9	21.6	26.1	31.2	29.0	27.0

Table-4 Seasonal weather condition during - 2013

Week No	Air Temp. (°C)		Soil Temperature (°C)					RF	Rainy	RH (%)		W.S.	BSS	Eo.	
	Max	Min	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)	(mm)	Days	I	II	(kmph)	(hrs)	(mm)
(A) WINTER SEASON 2012-13															
49-Dec	34.2	18.3	25.1	26.0	29.7	36.3	32.6	30.6			64.0	27.0	3.7	7.9	5.0
50	31.3	17.7	23.8	25.5	29.4	35.7	32.1	30.4			77.0	32.0	3.6	8.6	4.6
51	32.8	15.4	23.1	24.9	29.0	35.2	31.5	30.0			60.0	24.0	4.1	8.8	5.4
52	30.7	12.4	20.6	22.6	27.2	33.0	29.3	28.1			48.0	18.0	4.6	9.0	5.8
1-J	28.2	9.2	18.3	20.2	25.2	30.8	27.0	26.2			63.0	20.1	5.3	9.0	5.4
2	31.5	12.2	19.9	21.6	25.7	33.4	28.8	26.8			53.1	17.2	4.3	9.1	5.6
3	29.4	13.1	21.0	22.6	26.5	33.0	29.1	27.5			65.0	24.5	5.5	7.9	5.3
4	30.6	11.9	20.0	21.7	26.3	34.1	29.9	27.2			45.4	16.6	5.0	9.5	6.2
5	32.4	15.1	21.9	23.2	27.6	35.4	31.6	28.6			75.7	28.6	3.6	8.5	4.5
6-F	30.3	15.0	21.7	23.2	27.5	35.6	31.8	28.5			46.9	15.0	6.6	9.2	6.7
7	33.9	16.1	23.3	24.9	29.2	37.4	33.7	30.3			62.6	17.9	3.8	9.0	6.4
8	33.3	16.7	23.5	25.3	29.6	38.9	35.0	30.8			62.4	18.9	5.2	10.1	6.6
9	35.3	15.6	22.6	25.3	30.1	40.0	36.0	31.4			44.0	12.0	5.8	10.4	8.5
Total	414.0	188.8	284.9	307.0	363.0	458.7	408.5	376.3			767.1	271.7	61.1	117.1	75.9
Mean	31.8	14.5	21.9	23.6	27.9	35.3	31.4	28.9			59.0	20.9	4.7	9.0	5.8
SD	2.0	2.6	1.9	1.8	1.7	2.5	2.6	1.7			10.9	5.9	1.0	0.7	1.1
CV	6.4	17.9	8.7	7.7	5.9	7.2	8.2	5.9			18.4	28.0	20.5	8.1	18.0
(B) SUMMER SEASON 2013															
10-M	39.7	17.8	25.3	27.0	31.9	42.2	38.2	33.5			43.3	8.9	4.4	10.3	8.9
11	36.6	20.4	26.7	27.8	32.6	41.3	38.5	33.9			57.6	17.1	5.8	8.9	8.1
12	37.3	21.4	27.6	28.7	33.5	41.8	39.2	34.8			61.9	16.3	6.4	10.3	9.0
13	35.7	21.7	27.9	29.5	34.6	41.3	39.2	35.0			69.3	21.9	6.2	9.1	8.4
14-A	37.3	22.1	28.6	29.4	34.6	43.9	40.4	35.9			60.4	16.6	6.7	10.3	9.5
15	37.9	22.8	29.4	30.8	35.3	44.2	40.2	36.7			71.7	21.4	6.8	8.9	9.1
16	36.5	24.3	31.0	32.1	35.9	43.9	41.5	37.1			83.6	40.6	8.7	9.5	8.7
17	40.6	26.1	31.9	32.9	36.8	45.8	42.6	37.9			58.4	20.9	8.2	10.3	11.7
18	41.0	25.2	32.3	33.8	37.9	45.6	43.7	39.2			71.0	26.7	7.5	11.3	11.7
19-M	39.9	25.3	32.6	33.7	37.7	46.5	43.7	39.2			81.4	31.6	8.8	10.4	10.5
20	39.7	25.7	33.7	34.1	38.2	47.8	44.3	39.5			82.3	32.0	8.8	10.6	9.9
21	39.9	27.2	35.4	34.9	38.6	47.0	43.5	39.7			76.9	35.9	11.4	10.3	10.7
22	39.0	27.0	35.1	35.0	38.5	47.1	42.5	39.6			75.9	35.6	10.6	9.3	10.2
Total	501.1	306.9	397.6	409.6	466.2	578.4	537.4	481.8			893.6	325.3	100.3	129.4	126.3
Mean	38.5	23.6	30.6	31.5	35.9	44.5	41.3	37.1			68.7	25.0	7.7	10.0	9.7
SD	1.7	2.8	3.3	2.8	2.3	2.3	2.2	2.3			11.9	9.5	1.9	0.7	1.2
CV	4.5	12.0	10.6	8.8	6.4	5.2	5.3	6.2			17.3	37.8	25.2	7.5	12.1

Week No	Air Temp. (^o C)		Soil Temperature (^o C)						RF	Rainy	RH (%)		W.S.	BSS	Eo.
	Max	Min	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)	(mm)	Days	I	II	(kmph)	(hrs)	(mm)
(C) MONSOON SEASON 2013															
23-J	37.4	26.4	33.2	33.4	36.8	41.9	38.3	37.6	43.0	2	79	57	7.8	5.7	6.3
24	31.5	25.0	29.6	28.4	31.1	32.6	30.9	31.8	426.0	6	85	94	6.1	1.0	1.7
25	33.2	26.0	30.2	28.6	31.9	35.7	33.4	33.1	42.5	3	85	64	7.0	4.1	4.6
26	32.4	25.7	30.0	28.4	31.7	33.7	31.6	32.3	27.4	4	89	71	9.0	0.7	3.3
27-J	31.3	26.0	29.8	28.6	31.3	32.6	30.9	31.8	37.6	5	89	74	7.9	0.2	3.2
28	30.2	24.5	28.7	27.1	30.2	32.0	30.2	30.7	112.8	5	90	82	6.7	0.5	3.1
29	30.3	25.2	28.7	27.5	29.6	31.0	29.7	30.7	76.6	5	94	89	6.9	0.2	2.2
30	28.5	24.9	28.6	26.9	29.1	29.4	27.7	29.1	147.9	7	94	93	6.4	0.0	1.3
31	28.7	24.9	28.0	26.1	28.4	30.7	28.4	29.5	69.7	4	94	84	6.9	0.2	1.0
32-A	29.5	24.4	28.0	26.5	28.9	30.4	28.4	29.4	48.4	5	92	83	6.1	0.7	1.6
33	29.1	24.7	28.3	26.4	28.8	31.4	29.1	29.4	59.4	6	92	84	4.9	0.4	1.6
34	30.6	24.6	28.8	26.5	29.7	31.8	29.9	30.3	0.0		88	66	5.5	1.5	3.6
35	31.6	24.3	28.3	27.2	30.2	32.2	31.1	30.9	4.2		88	72	3.9	2.8	4.0
36-S	32.3	24.2	28.2	27.1	30.4	33.8	32.3	31.9	0.0		89	56	4.6	6.4	5.0
37	34.0	24.9	29.6	28.7	30.4	33.6	31.4	32.1	67.4	2	83	63	2.8	7.0	4.8
38	34.1	25.4	29.0	27.9	31.3	34.3	31.8	32.5	19.4	1	86	68	4.2	6.3	4.4
39	28.7	25.3	28.1	27.1	28.6	30.8	28.2	29.4	248.2	4	97	86	5.9	2.1	2.0
Total	533.5	426.4	495.1	472.5	518.1	557.7	523.2	532.7	1430.5	59.0	1514.3	1284.7	102.5	40.0	53.6
Mean	31.4	25.1	29.1	27.8	30.5	32.8	30.8	31.3	84.1	4.2	89.1	75.6	6.0	2.4	3.2
SD	2.4	0.6	1.3	1.7	2.0	2.8	2.5	2.0	107.4	1.7	4.6	12.3	1.6	2.5	1.5
CV	7.6	2.6	4.4	6.0	6.4	8.6	8.1	6.5	127.7	40.8	5.2	16.2	26.5	108.2	48.8

(D) POST MONSOON SEASON 2013

40-O	32.4	25.1	28.5	27.2	30.2	34.4	32.0	31.4	89.8	3.0	76	70	1.9	6.6	2.7
41	32.6	25.6	28.9	27.4	31.0	35.4	32.7	32.3	0.0	0.0	86	63	1.6	5.7	3.1
42	35.0	24.2	28.1	27.1	31.2	36.9	32.5	32.0	0.0		87	41	2.4	8.5	4.7
43	35.2	20.6	26.2	25.4	30.0	36.2	33.6	31.5	0.0		79	32	3.4	9.6	5.1
44	34.1	19.0	27.3	26.4	30.4	39.1	35.7	35.7	0.0		78	34	2.5	9.5	4.5
45-N	33.4	19.6	27.7	26.9	30.8	38.4	35.6	32.6	0.0		68	34	3.7	9.0	5.2
46	31.5	16.0	24.7	24.0	28.9	37.1	33.9	30.3	0.0		67	36	3.5	8.8	4.8
47	32.9	15.1	24.2	23.7	28.4	37.0	32.8	29.5	0.0		77	31	2.7	9.3	4.6
48	32.8	18.8	26.0	25.5	29.5	37.4	33.5	30.5	0.0		58	34	4.3	8.7	5.6
Total	299.9	184.0	241.6	233.6	270.5	332.0	302.3	285.7	89.8	3.0	676.1	375.6	25.9	75.6	40.3
Mean	33.3	20.4	26.8	26.0	30.1	36.9	33.6	31.7	10.0	1.5	75.1	41.7	2.9	8.4	4.5
S.D.	1.2	3.8	1.7	1.4	1.0	1.4	1.3	1.8	29.9	2.1	9.4	14.3	0.9	1.3	1.0
C.V.%	3.7	18.6	6.3	5.4	3.2	3.9	3.9	5.7	300.0	141.4	12.5	34.3	31.4	16.0	21.5

Table-5:- Frequency of cloudy days, rainy days and amount of rainfall at Junagadh (1985-2013)

year	Cloudy day					Rainy days					Rainfall(mm)				
	June	July	Aug.	Sept.	Seasonal	June	July	Aug.	Sept.	Seasonal	June	July	Aug.	Sept.	Seasonal
1985	7	26	17	0	50	0	17	13	5	35	2.5	168.2	112.8	34.5	318
1986	13	21	14	2	50	11	2	8	3	24	536	31	158.8	19.4	745
1987	1	4	12	1	18	4	2	3	2	11	42.2	30.6	57.6	7.8	138
1988	9	25	16	4	54	1	25	14	11	51	19.7	1056.4	121.9	192.7	1391
1989	11	15	19	0	45	6	17	7	6	36	298.6	305.7	46.5	123.8	775
1990	10	27	20	4	61	3	5	14	10	32	33.4	55.2	473.4	104.1	666
1991	5	22	18	8	53	3	12	12	3	30	16	385.4	81.3	26.3	509
1992	7	13	13	9	42	2	10	11	8	31	26	341.3	195.5	267.5	830
1993	9	18	7	4	38	8	8	0	3	19	169.6	128.4	3.7	64.2	366
1994	15	28	28	10	81	7	20	15	6	48	132.5	748.4	150.9	155.5	1187
1995	3	18	4	2	27	3	17	12	4	36	15.7	607.1	105.5	82.6	811
1996	4	16	22	8	50	5	15	9	1	30	317.5	324.8	63.9	10.6	717
1997	11	22	19	6	58	9	10	10	7	36	231.7	267.8	96.4	217.3	813
1998	3	18	19	3	43	7	12	12	4	35	156.1	378.6	271.6	78.9	885
1999	6	23	20	1	50	4	14	6	2	26	81.6	219.9	37.5	27.2	366
2000	0	18	16	5	39	2	10	12	1	25	21.4	309.4	192.7	8.5	532
2001	4	26	15	3	48	4	18	15	4	41	276.2	224.3	200.3	106.8	808
2002	5	19	25	4	53	5	7	7	2	21	275.9	45.7	119.8	94.8	536
2003	11	18	18	10	57	4	18	15	4	41	175.3	546.5	458.3	60.9	1241
2004	9	12	25	2	48	7	10	18	6	41	151.6	201.2	475.7	95.2	924
2005	12	26	27	15	80	10	10	8	12	40	381.5	114	164.3	532.9	1193
2006	6	28	28	3	65	6	18	19	8	51	76.5	574	299.2	136.3	1086
2007	9	25	23	7	64	8	8	18	13	47	164.1	336.9	679.4	231	1411
2008	19	27	24	11	81	4	15	14	8	41	148.7	436.1	110.8	508.8	1204
2009	8	22	17	2	49	7	20	3	1	31	101.5	660.6	52.7	10.4	825
2010	3	21	21	15	60	6	23	21	14	64	225.9	508.4	501.9	321.8	1558
2011	19	29	28	11	87	2	15	19	9	45	37.5	341.7	341.7	241.8	963
2012	4	28	29	15	76	3	5	7	10	25	84.2	67.6	79.5	193.7	425
2013	13	30	25	7	75	15	23	14	7	59	537.1	398.6	157.8	337	1430
Mean	8.1	21.6	19.6	5.9	55.2	5.4	13.3	11.6	6.0	36.3	163.3	338.4	200.4	148.0	850.1
SD	4.8	6.0	6.2	4.5	16.3	3.3	6.2	5.2	3.8	11.9	146.9	239.7	169.7	140.5	371.2
CV	59	28	32	76	30	61	47	45	63	33	90	71	85	95	44

Table-6 Number of hot days ($\geq 40^{\circ}\text{C}$) during summer season at Junagadh

Year	March	April	May	Total
1985	12	8	13	33
1986	4	14	8	26
1987	1	9	18	28
1988	0	19	15	34
1989	0	15	15	30
1990	0	9	4	13
1991	6	10	9	25
1992	0	5	14	19
1993	0	10	9	19
1994	10	3	14	27
1995	0	8	14	22
1996	4	8	10	22
1997	0	3	5	8
1998	6	12	16	34
1999	4	14	1	19
2000	5	15	1	21
2001	0	16	5	21
2002	6	17	6	29
2003	3	15	12	30
2004	12	6	8	26
2005	0	16	6	22
2006	0	1	6	7
2007	3	19	4	26
2008	0	9	1	10
2009	1	19	8	28
2010	9	23	20	52
2011	6	9	4	19
2012	5	14	2	21
2013	4	8	15	27
Total	101	334	263	698
Mean	3.48	11.52	9.07	24.07
SD	3.76	5.46	5.47	8.92
CV %	108	47	60	37

Table-7 Number of cold days ($\leq 10^{\circ}\text{C}$) during winter season at Junagadh

Year	Dec.	Jan.	Feb.	Total
1985 - 86	6	11	2	19
1986-87	8	12	3	23
1987-88	3	8	1	12
1988-89	9	3	0	14
1989-90	8	16	5	29
1990-91	10	17	0	27
1991-92	10	18	3	31
1992-93	6	14	5	25
1993-94	12	8	8	29
1994-95	10	10	6	26
1995-96	4	18	5	27
1996-97	10	7	5	23
1997-98	9	15	11	35
1998-99	12	14	1	27
1999-00	18	10	5	33
2000-01	2	8	1	11
2001-02	0	5	1	6
2002-03	0	8	3	11
2003-04	7	1	0	8
2004-05	0	6	1	7
2005-06	11	8	3	22
2006-07	0	4	0	4
2007-08	1	8	0	9
2008-09	0	13	9	22
2009-10	0	1	2	3
2010-11	10	12	0	22
2011-12	5	9	5	19
2012-13	0	8	0	8
Total	171	272	85	524
Mean	6.1	9.7	3.0	19.4
SD	4.9	4.8	3.0	9.5
CV %	81	49	99	49

Table-8 Mean minimum and lowest minimum temperature (°C) during winter season at Junagadh

Year	December			January			February		
	Mean	Lowest	Date	Mean	Lowest	Date	Mean	Lowest	Date
1987-88	12.8	9.1	23	12.3	6.1	26	16.1	12.1	05
1988-89	11.2	5.6	29	9.2	2.6	12	13.1	7.1	03
1989-90	11.9	5.8	28	10.3	6.2	03	15.8	10.0	16
1990-91	12.7	5.6	31	9.7	2.5	03	13.5	3.2	18
1991-92	10.7	5.1	31	10.2	3.5	12	13.0	6.9	15
1992-93	12.2	7.5	29	12.2	6.4	30	13.1	6.4	20
1993-94	10.7	6.0	21	11.5	5.0	16	13.3	7.5	23
1994-95	11.5	4.0	12	9.8	5.4	15	12.6	7.0	25
1995-96	12.7	7.7	03	12.0	5.5	19	13.7	5.8	01
1996-97	11.8	4.9	11	11.0	4.7	16	11.9	6.7	11
1997-98	12.1	7.6	15	10.5	4.5	18	13.5	9.5	08
1998-99	10.9	7.5	30	10.5	5.3	11	14.0	8.5	01
1999-00	10.3	7.5	13	12.7	8.5	16	15.9	9.1	13
2000-01	13.2	9.8	26	12.6	6.6	25	15.5	9.6	03
2001-02	13.5	10.7	24	12.5	7.6	28	16.0	7.0	12
2002-03	14.9	12.0	05	14.2	8.3	01	16.2	10.5	03
2003-04	12.7	8.4	18	12.3	7.9	27	14.5	7.9	07
2004-05	15.0	10.5	26	11.4	7.4	19	14.1	5.5	20
2005-06	11.7	8.2	25	12.5	8.0	04	16.5	13.3	01
2006-07	13.7	10.2	13	12.2	7.4	14	16.9	13.1	02
2007-08	15.2	7.6	30	11.3	7.3	22	12.0	5.5	08
2008-09	16.2	10.3	28	14.0	8.0	02	15.3	9.4	02
2009-10	14.7	10.6	31	13.5	10.0	05	15.3	9.5	19
2010-11	11.9	7.4	11	11.4	5.2	17	14.6	11.0	01
2011-12	13.7	8.8	12	11.6	7.5	10	13.3	3.5	09
2012-13	15.7	11.2	28	11.8	5.5	19	16.0	11.5	17

Table-9 Mean Maximum and highest maximum temperatures (°C) during summer season at Junagadh

Year	March			April			May		
	Mean	Highest	Date	Mean	Highest	Date	Mean	Highest	Date
1984	36.5	38.6	12	41.2	43.5	14	39.2	42.8	06
1985	39.1	40.8	09	38.7	42.3	24	39.9	44.3	18
1986	37.4	41.8	29	39.7	43.6	07	38.9	43.2	21
1987	36.8	41.4	25	39.4	44.9	20	39.6	43.4	25
1988	36.3	39.8	17	40.6	43.9	13	40.0	45.4	09
1989	35.2	38.9	31	39.7	43.9	21	39.8	43.4	13
1990	34.5	38.7	21	39.1	43.0	25	38.1	42.2	10
1991	36.3	43.7	30	38.7	43.0	01	38.2	42.6	31
1992	35.8	39.2	24	38.3	43.1	28	39.6	43.7	14
1993	35.0	39.2	21	38.9	43.0	26	39.1	42.7	13
1994	39.0	44.2	18	38.2	40.2	28	39.8	43.2	16
1995	33.4	39.7	24	38.3	41.1	30	40.0	45.0	30
1996	37.8	41.2	12	39.0	42.3	16	38.6	43.9	08
1997	34.4	38.6	29	36.6	41.8	25	38.2	43.8	17
1998	36.1	41.7	29	39.2	43.7	06	40.5	44.8	17
1999	36.3	43.0	31	39.8	43.5	06	36.4	40.6	17
2000	35.5	41.3	30	39.5	42.1	09	36.1	40.0	06
2001	35.4	38.3	20	39.6	42.6	26	37.8	42.5	03
2002	37.5	42.4	20	40.4	44.3	29	39.1	46.0	05
2003	36.9	41.2	26	39.8	43.2	23	39.5	43.8	12
2004	39.0	42.7	17	38.5	42.0	26	37.8	45.2	07
2005	35.6	39.0	15	39.9	43.5	06	38.7	41.4	25
2006	35.0	40.0	31	38.4	42.0	16	38.5	43.0	08
2007	35.9	41.7	31	39.9	42.8	07	38.1	42.8	03
2008	36.9	39.5	24	38.6	43.6	28	37.1	41.0	28
2009	37.5	40.2	31	40.6	45.0	30	38.8	43.1	01
2010	38.3	43.8	20	40.9	43.6	17	41.2	44.5	21
2011	36.6	41.6	18	39.1	41.5	24	37.9	40.5	30
2012	36.0	40.7	31	39.3	42.3	05	38.3	40.2	01
2013	37.2	40.5	08	38.2	42.1	29	39.9	43.2	02

Table -10 Decadal Rainfall (mm)at Junagadh (1961-2010)

Year	June	July	Aug	Sep	Total	Oct	Nov	Total
	Monsoon					Post monsoon		
1961	211.6	817.7	158.8	176.1	1364.2	30.6	0	30.6
1962	26.6	228	163.4	135.6	553.6	0	46.5	46.5
1963	107	132.6	193.4	47.6	480.6	68	42.6	110.6
1964	241.1	290.7	628.7	212.8	1373.3	0	0	0
1965	3.1	380.9	182.1	1.6	567.7	2.5	13	15.5
1966	160.5	190	11.7	100.7	462.9	7.4	0	7.4
1967	230.8	542.6	87.3	29	889.7	0	0	0
1968	21.8	256.9	331.4	90.8	700.9	11.8	0	11.8
1969	62.2	441.4	79.8	10.2	593.6	0	10	10
1970	9.3	309.7	511.8	137.1	967.9	15.4	0	15.4
Mean	107	359	235	94	795	14	11	25
1971	185	258.6	257.6	294.7	995.9	0	0	0
1972	190.4	98.7	2	0	291.1	19.2	0	19.2
1973	144.2	514.6	154.5	95.9	909.2	0	0	0
1974	148.6	66.2	111.3	68.2	394.3	31.2	0	31.2
1975	188.1	149.1	156.1	131.4	624.7	182.5	0	182.5
1976	115	432.1	144.4	131.3	822.8	10.4	57.5	67.9
1977	142.1	400.1	106	187.2	835.4	0	7.6	7.6
1978	172.7	229.1	181.4	88.9	672.1	4.6	27.1	31.7
1979	335.1	42.4	787.3	124.3	1289.1	46.6	83.8	130.4
1980	969.4	532.6	104.9	60.8	1667.7	0	0	0
Mean	259	272	201	118	850	29	18	47
1981	12	648.4	244	88	992.4	88	53	141
1982	2.3	341.5	281.5	23	648.3	0	235	235
1983	1432.2	707.6	373.8	263	2776.6	14	0	14
1984	166	381.5	185.5	298	1031	0	0	0
1985	2.5	168.2	112.8	34.5	318	23.5	0	23.5
1986	536	31	158.8	19	744.8	0	0	0
1987	42.2	30.6	57.6	7.8	138.2	0	1.4	1.4
1988	19.7	1056.4	121.9	192.7	1390.7	0	0	0
1989	298.6	305.7	46.5	123.8	774.6	33.2	0	33.2
1990	33.4	55.2	473.4	104.1	666.1	184.8	1.2	186
Mean	254	373	206	115	948	34	29	63
1991	16	285.4	81.3	26.3	409	0	0	0
1992	26	341.3	195.5	267.5	830.3	110.8	0	110.8
1993	169.6	128.4	3.7	64.2	365.9	157.8	3	160.8
1994	132.5	748.4	150.9	155.5	1187.3	0	0	0
1995	15.7	607.1	105.5	82.6	810.9	45.5	0	45.5
1996	317.5	324.8	63.9	10.6	716.8	26.2	0	26.2
1997	231.7	267.8	96.4	217.3	813.2	39.3	0	39.3
1998	156.1	378.6	271.6	28.9	835.2	123.7	88.5	212.2
1999	81.6	219.9	37.5	22.2	361.2	33.3	0	33.3
2000	21.4	309.4	192.7	8.5	532	19	0	19
Mean	117	361	120	88	686	56	9	65
2001	276.2	224.3	200.3	106.8	807.6	16.4	0	16.4
2002	275.8	45.7	119.8	94.8	536.1	0	0	0
2003	175.3	546.5	458.3	60.9	1241	33.5	0	33.5
2004	151.6	201.2	475.7	95.2	923.7	47.1	0	47.1
2005	318.5	114	164.3	532.9	1129.7	4.6	0	4.6
2006	76.4	574	299.2	136.3	1085.9	0	0	0
2007	164.1	336.9	679.4	231	1411.4	0	0	0
2008	148.7	436.1	110.8	508.8	1204.4	2.8	1.8	4.6
2009	101.5	660.6	52.7	10.4	825.2	0	0	0
2010	225.9	508.4	501.9	321.8	1558	55.2	76.2	131.4
Mean	191	365	306	210	1072	16	8	24

APPENDIX-1

Daily Weather Data

January-2013

Date	Temperature (°C)				RH. %			W.D		W.S.	B.S.S	EVAPO.	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(kmph)	(hrs)	(mm)	(mm)
1	29.2	12.0	20.6	17.2	61	22	42	14	02	04.9	8.4	05.0	000.0
2	28.2	14.9	21.6	13.3	53	27	40	05	02	06.6	8.4	06.0	000.0
3	28.0	6.4	17.2	21.6	47	31	39	36	02	06.0	9.7	07.0	000.0
4	28.8	9.0	18.9	19.8	74	19	47	00	34	04.8	9.2	05.1	000.0
5	28.0	8.5	18.3	19.5	76	15	46	00	02	04.1	8.5	04.6	000.0
6	27.0	7.4	17.2	19.6	58	13	36	36	02	06.6	9.3	05.8	000.0
7	28.5	6.5	17.5	22.0	72	14	43	34	02	04.1	9.6	04.6	000.0
8	27.7	8.0	17.9	19.7	56	12	34	34	05	05.4	9.3	06.4	000.0
9	29.5	10.4	20.0	19.1	53	10	32	05	02	04.0	9.5	05.8	000.0
10	31.5	11.4	21.5	20.1	17	13	15	36	02	04.3	9.3	06.7	000.0
11	31.5	11.5	21.5	20.0	56	18	37	23	05	04.2	9.2	05.8	000.0
12	32.8	13.4	23.1	19.4	55	18	37	36	02	03.4	9.1	03.8	000.0
13	34.5	16.5	25.5	18.0	76	24	50	36	36	04.6	9.1	05.4	000.0
14	33.3	14.5	23.9	18.8	59	25	42	16	36	04.2	8.4	05.4	000.0
15	34.0	15.0	24.5	19.0	77	29	53	34	02	04.7	07.9	04.3	000.0
16	31.5	16.5	24.0	15.0	80	34	57	02	29	04.7	06.9	05.4	000.0
17	30.5	14.6	22.6	15.9	83	44	64	00	27	04.5	05.0	04.4	000.0
18	29.4	14.2	21.8	15.2	63	18	41	36	36	07.3	07.2	05.0	000.0
19	24.6	5.5	15.1	19.1	48	15	32	36	36	05.5	09.3	05.8	000.0
20	27.0	12.5	19.8	14.5	72	20	46	14	05	06.1	09.7	06.0	000.0
21	28.6	13.2	20.9	15.4	32	11	22	25	02	05.8	09.3	06.0	000.0
22	29.0	9.4	19.2	19.6	39	12	26	34	05	04.6	09.6	06.0	000.0
23	31.3	12.0	21.7	19.3	49	9	29	05	02	05.8	09.8	05.6	000.0
24	31.4	14.4	22.9	17.0	38	13	26	00	05	06.0	09.6	06.6	000.0
25	30.5	12.5	21.5	18.0	38	20	29	18	05	06.0	09.5	08.0	000.0
26	30.0	11.5	20.8	18.5	36	20	28	18	02	05.6	09.4	06.4	000.0
27	30.0	10.0	20.0	20.0	60	24	42	36	36	04.4	09.2	05.4	000.0
28	32.0	13.5	22.8	18.5	58	18	38	34	29	02.9	09.5	05.4	000.0
29	31.5	11.5	21.5	20.0	60	17	39	36	05	04.1	08.8	05.2	000.0
30	32.1	13.4	22.8	18.7	67	19	43	00	18	03.1	09.3	03.8	000.0
31	34.0	15.8	24.9	18.2	80	17	49	18	32	03.7	07.1	04.2	000.0
Total	935.9	365.9	650.9	570.0	1793	602	1197			152.0	274.1	170.9	0.0
Mean	30.2	11.8	21.0	18.4	57.8	19.4	38.6			4.9	8.8	5.5	0.0
S.D.	2.3	3.1	2.5	2.1	16.1	7.7	10.4			1.1	1.1	0.9	0.0
C.V.%	7.7	25.9	12.0	11.2	27.8	39.7	27.0			22.0	11.9	17.1	0.0
High.	34.5	16.5	25.5	22.0	83.0	44.0	63.5			7.3	9.8	8.0	0.0
Low.	24.6	5.5	15.1	13.3	17.0	9.0	15.0			2.9	5.0	3.8	0.0
Mode	31.5	11.5	21.5	20.0	53.0	13.0	43.0			6.0	9.3	5.4	0.0

January-2013												
Date	D.B. (°C)		W.B. (°C)		V.P. (mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	14.0	28.0	10.4	16.0	07.3	06.4	20.5	22.0	26.5	31.5	28.0	27.5
2	17.6	27.5	12.5	16.4	07.9	07.3	20.0	21.5	26.0	31.2	27.8	27.0
3	9.8	28.5	5.6	14.0	04.3	06.5	17.0	19.5	25.0	30.7	27.0	26.0
4	9.6	27.4	7.4	15.0	06.5	05.3	18.0	20.0	25.0	30.3	27.0	26.2
5	9.5	26.5	7.6	13.5	06.8	05.6	18.5	20.0	25.0	30.0	26.5	25.7
6	9.0	27.5	5.8	13.8	05.0	03.6	17.0	19.0	24.5	31.0	26.5	25.5
7	8.0	26.6	5.9	13.4	05.6	03.6	17.0	19.5	24.5	30.7	26.5	25.5
8	9.5	29.0	6.0	14.4	05.0	06.0	18.0	20.0	25.0	31.6	27.6	25.6
9	11.5	31.0	7.4	15.2	05.3	03.4	18.5	20.0	25.0	32.0	27.7	25.7
10	21.0	30.7	10.4	15.8	03.1	03.2	19.5	21.0	25.5	33.0	27.7	26.5
11	13.5	32.5	9.4	18.0	06.5	06.7	19.5	21.5	25.5	34.0	29.0	27.0
12	15.5	34.0	11.0	19.0	07.2	07.4	20.5	22.5	26.0	34.0	29.5	27.0
13	18.5	33.0	16.0	19.4	12.1	09.0	22.0	23.0	26.0	35.5	30.5	28.0
14	16.0	31.0	12.0	18.6	08.1	08.5	21.5	23.0	27.0	33.7	29.7	28.0
15	16.5	30.5	14.2	19.0	10.7	09.5	22.6	23.8	27.6	34.0	30.5	28.2
16	18.0	30.0	16.0	19.6	12.5	10.7	23.0	24.0	27.0	34.0	30.0	28.5
17	16.0	27.6	14.4	19.6	13.1	12.2	22.5	24.0	27.5	33.6	30.0	28.5
18	15.6	24.0	12.0	12.6	08.3	04.1	21.5	24.0	27.5	31.0	28.0	27.5
19	9.0	26.5	5.0	13.6	04.2	03.8	17.0	19.5	24.5	31.5	27.6	26.0
20	16.6	28.0	13.8	15.4	10.2	05.6	20.2	21.6	25.7	33.5	28.7	26.6
21	16.0	28.5	9.0	14.0	04.4	06.5	20.5	21.6	26.0	33.5	29.0	27.0
22	13.0	30.6	7.4	15.4	04.4	03.9	18.5	21.0	26.0	33.8	29.2	27.0
23	13.0	31.0	8.4	15.0	05.6	03.1	20.0	21.6	26.1	34.5	30.6	27.5
24	16.0	29.6	9.6	15.0	05.1	04.0	21.0	22.0	26.5	34.0	30.2	27.5
25	14.6	29.0	8.6	16.2	04.4	06.1	20.6	22.7	26.7	34.0	30.0	27.5
26	14.2	29.8	8.0	15.5	04.3	03.6	20.6	21.7	26.6	33.8	29.3	27.0
27	10.2	32.0	7.0	19.0	05.6	08.5	19.0	21.0	26.0	34.5	30.0	27.0
28	15.0	31.0	11.0	16.9	07.4	06.0	20.5	22.0	26.5	34.0	30.0	27.0
29	13.0	31.2	9.5	17.0	06.7	05.9	20.0	21.5	26.5	35.0	31.0	27.5
30	16.0	33.0	12.8	18.6	09.9	07.3	21.0	22.5	27.0	35.5	31.0	28.0
31	17.1	31.8	15.0	17.4	11.6	06.1	22.0	23.5	27.5	36.0	31.5	28.5
Total	432.8	917.3	309.1	502.3	219.1	189.4	618.0	670.5	807.7	1025.4	897.6	838.0
Mean	14.0	29.6	10.0	16.2	7.1	6.1	19.9	21.6	26.1	33.1	29.0	27.0
S.D.	3.3	2.3	3.2	2.1	2.8	2.3	1.7	1.5	0.9	1.7	1.5	0.9
C.V.%	23.9	7.8	32.4	13.1	39.2	37.6	8.7	6.8	3.6	5.1	5.1	3.4
Highest	21.0	34.0	16.0	19.6	13.1	12.2	23.0	24.0	27.6	36.0	31.5	28.5
Lowest	8.0	24.0	5.0	12.6	3.1	3.1	17.0	19.0	24.5	30.0	26.5	25.5

February-2013

Date	Temperature (°C)				RH. %			W.D.		W.S.	B.S.S	EVAPO	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(kmph)	(hrs)	(mm)	(mm)
1	32.5	15.5	24.0	17.0	76	20	48	14	18	02.9	08.8	05.0	000.0
2	32.9	15.6	24.3	17.3	80	38	59	36	32	03.0	08.9	03.0	000.0
3	32.2	16.8	24.5	15.4	81	40	61	05	29	03.1	08.9	05.4	000.0
4	31.3	17.0	24.2	14.3	86	49	68	05	27	05.0	08.0	04.9	000.0
5	30.5	18.4	24.5	12.1	68	22	45	36	27	05.9	06.7	04.0	000.0
6	28.7	14.4	21.6	14.3	48	9	29	36	36	07.7	09.6	06.7	000.0
7	26.1	11.7	18.9	14.4	44	13	29	36	05	08.8	08.9	08.3	000.0
8	28.4	17.5	23.0	10.9	27	14	21	36	02	07.5	09.8	06.0	000.0
9	30.5	12.0	21.3	18.5	36	15	26	32	05	06.2	10.0	08.1	000.0
10	32.6	15.5	24.1	17.1	44	18	31	32	29	04.0	09.8	06.1	000.0
11	35.5	15.4	25.5	20.1	61	14	38	00	27	06.2	09.8	07.6	000.0
12	36.5	16.6	26.6	19.9	45	16	31	05	27	03.8	10.0	06.0	000.0
13	37.0	17.3	27.2	19.7	60	16	38	00	36	02.4	09.7	08.1	000.0
14	36.5	19.0	27.8	17.5	56	13	35	00	36	02.1	09.5	07.5	000.0
15	37.0	19.5	28.3	17.5	54	18	36	00	29	02.9	06.9	03.0	000.0
16	33.5	16.5	25.0	17.0	82	23	53	36	32	05.6	06.3	07.1	000.0
17	28.0	11.5	19.8	16.5	71	19	45	32	29	06.2	10.5	07.0	000.0
18	28.7	12.5	20.6	16.2	70	20	45	32	29	03.4	10.2	06.0	000.0
19	31.6	13.9	22.8	17.7	78	20	49	00	34	03.6	10.3	05.2	000.0
20	33.0	15.8	24.4	17.2	52	18	35	05	36	05.3	10.1	07.3	000.0
21	34.5	17.8	26.2	16.7	67	21	44	36	27	03.6	10.2	05.6	000.0
22	34.8	14.9	24.9	19.9	69	18	44	00	18	04.6	10.0	08.1	000.0
23	35.0	19.0	27.0	16.0	81	23	52	05	36	08.3	10.2	05.2	000.0
24	32.0	20.8	26.4	11.2	34	14	24	07	36	06.0	09.9	08.6	000.0
25	32.5	14.4	23.5	18.1	56	18	37	20	18	04.7	10.1	06.0	000.0
26	34.5	15.0	24.8	19.5	59	18	39	36	29	04.2	10.0	06.7	000.0
27	33.7	17.8	25.8	15.9	78	22	50	02	27	07.1	09.9	08.1	000.0
28	32.0	16.5	24.3	15.5	40	10	25	14	02	08.8	10.6	09.6	000.0
Total	912.0	448.6	680.3	463.4	1703	559	1131			142.9	263.6	180.2	0.0
Mean	32.6	16.0	24.3	16.6	60.8	20.0	40.4			5.1	9.4	6.4	0.0
S.D.	2.9	2.4	2.3	2.5	16.7	8.8	11.8			2.0	1.1	1.6	0.0
C.V.%	8.8	14.8	9.6	14.9	27.4	44.2	29.3			38.7	12.1	25.6	0.0
High.	37.0	20.8	28.3	20.1	86.0	49.0	67.5			8.8	10.6	9.6	0.0
Low.	26.1	11.5	18.9	10.9	27.0	9.0	20.5			2.1	6.3	3.0	0.0
Mode	32.5	15.5	24.3	17.0	81.0	18.0	45.0			6.2	10.0	6.0	0.0

February-2013

Date	D.B. (°C)		W.B. (°C)		V.P.(mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	17.1	32.8	14.8	19.4	11.3	08.2	22.0	23.5	27.5	36.0	32.0	29.0
2	20.5	32.0	18.2	22.0	14.0	13.7	22.5	23.5	28.0	36.5	32.0	29.0
3	20.2	30.2	18.1	21.0	14.4	13.0	23.0	24.0	28.5	35.6	32.0	29.0
4	19.5	28.5	18.0	21.2	14.5	14.3	22.5	24.0	28.0	33.5	31.6	29.0
5	20.4	28.0	16.8	16.0	12.1	06.4	24.0	25.0	28.0	35.0	32.0	29.0
6	16.1	26.0	10.8	12.2	06.6	02.3	21.0	22.5	27.5	32.0	29.5	28.0
7	15.6	27.8	10.0	14.0	05.9	03.7	19.2	21.2	26.7	33.5	30.0	27.0
8	21.1	30.0	12.0	15.6	05.1	04.6	21.0	22.5	26.5	36.0	31.7	28.0
9	15.4	32.0	9.0	17.0	07.0	05.4	21.0	23.6	27.0	36.8	32.7	28.6
10	18.6	34.0	12.4	18.8	07.1	07.0	23.2	23.7	28.0	37.0	32.5	28.9
11	17.5	36.0	13.2	19.0	08.9	06.1	22.5	24.0	28.5	38.6	34.2	29.8
12	19.5	36.5	13.2	20.0	07.6	07.5	23.0	24.5	29.0	38.6	34.2	30.0
13	19.4	35.5	15.0	19.2	10.1	06.8	24.0	25.5	29.5	38.8	35.0	30.6
14	20.0	36.5	15.0	19.0	09.8	05.8	25.0	27.0	30.0	39.5	35.6	31.0
15	20.5	32.6	15.2	18.0	09.8	07.0	25.5	26.5	30.0	37.2	34.0	31.0
16	17.9	26.7	15.9	15.2	12.6	06.0	23.5	25.0	29.5	34.0	31.6	30.0
17	16.0	28.0	13.2	15.4	09.7	05.5	21.0	22.8	28.2	36.0	32.0	29.0
18	14.8	30.6	12.0	17.2	08.9	06.6	21.0	23.0	28.0	37.5	33.2	30.4
19	15.5	32.2	13.4	18.2	10.3	07.2	22.0	23.5	28.5	37.2	33.5	29.7
20	17.5	33.6	12.4	18.6	07.8	07.0	23.2	25.2	29.4	39.4	35.0	30.5
21	19.9	34.4	16.2	20.0	11.6	08.7	23.5	25.5	29.5	39.3	35.6	30.7
22	16.5	34.2	13.4	19.0	09.7	07.2	23.0	24.5	29.5	39.6	35.2	30.6
23	21.0	31.0	18.9	18.0	15.1	07.6	25.5	27.0	30.0	38.5	35.0	31.4
24	22.5	32.5	14.0	17.0	06.8	05.1	24.5	26.2	30.2	39.0	36.0	31.6
25	17.6	34.0	13.0	19.0	08.1	07.3	23.0	25.0	29.8	39.5	35.0	31.0
26	17.2	33.5	13.0	18.6	08.7	07.0	22.5	25.0	29.7	38.5	34.6	31.0
27	20.0	31.2	17.6	18.0	13.6	07.5	23.7	25.6	29.7	37.5	34.6	30.8
28	18.0	33.0	11.4	16.4	06.1	03.9	23.0	24.5	29.5	38.6	35.0	30.7
Total	515.8	893.3	396.1	503.0	273.2	198.4	638.8	683.8	804.2	1039.2	935.3	835.3
Mean	18.4	31.9	14.1	18.0	9.8	7.1	22.8	24.4	28.7	37.1	33.4	29.8
S.D.	2.1	2.9	2.6	2.2	2.9	2.7	1.5	1.4	1.1	2.1	1.8	1.2
C.V.%	11.3	9.2	18.4	12.3	29.4	38.4	6.4	5.7	3.8	5.6	5.3	3.9
Highest	22.5	36.5	18.9	22.0	15.1	14.3	25.5	27.0	30.2	39.6	36.0	31.6
Lowest	14.8	26.0	9.0	12.2	5.1	2.3	19.2	21.2	26.5	32.0	29.5	27.0

March-2013

Date	Temperature (°C)				RH. %			W.D.		W.S.	B.S.S	EVAPO	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(kmph)	(hrs.)	(mm)	(mm)
1	34.0	15.0	24.5	19.0	24	14	19	07	36	06.8	10.5	09.2	000.0
2	37.0	15.6	26.3	21.4	41	6	24	00	29	04.4	10.6	09.0	000.0
3	37.5	14.4	26.0	23.1	31	7	19	23	29	04.6	10.7	08.0	000.0
4	38.4	15.2	26.8	23.2	35	7	21	20	32	04.7	10.4	08.6	000.0
5	39.3	15.9	27.6	23.4	40	5	23	29	16	03.7	10.5	06.9	000.0
6	39.5	17.0	28.3	22.5	37	10	24	23	16	03.2	10.3	07.8	000.0
7	40.4	17.0	28.7	23.4	42	5	24	23	14	04.1	10.5	08.1	000.0
8	40.5	19.0	29.8	21.5	37	6	22	23	25	03.7	10.4	10.1	000.0
9	40.0	20.5	30.3	19.5	19	7	13	23	25	04.4	10.3	08.0	000.0
10	40.2	17.4	28.8	22.8	80	17	49	00	32	05.8	10.9	12.0	000.0
11	38.3	17.9	28.1	20.4	48	12	30	34	32	06.1	08.9	09.5	000.0
12	35.9	16.4	26.2	19.5	53	35	44	00	27	04.0	04.9	07.0	000.0
13	35.4	17.1	26.3	18.3	82	15	49	34	29	04.6	09.7	07.2	000.0
14	36.6	22.0	29.3	14.6	91	22	57	36	27	06.2	09.8	04.0	000.0
15	35.7	21.0	28.4	14.7	75	15	45	34	34	07.2	08.3	08.9	000.0
16	36.0	22.7	29.4	13.3	32	12	22	05	29	07.1	09.4	09.0	000.0
17	37.8	24.8	31.3	13.0	30	11	21	25	18	07.4	10.0	09.8	000.0
18	38.7	19.0	28.9	19.7	40	10	25	36	25	04.3	09.9	10.7	000.0
19	38.0	21.3	29.7	16.7	21	8	15	36	36	05.5	10.7	09.5	000.0
20	38.9	22.6	30.8	16.3	27	8	18	36	27	07.5	10.5	13.4	000.0
21	36.8	20.7	28.8	16.1	79	15	47	36	02	07.6	10.6	07.8	000.0
22	37.5	22.5	30.0	15.0	80	16	48	36	29	06.2	10.0	07.6	000.0
23	37.7	20.1	28.9	17.6	83	28	56	36	27	05.7	09.2	06.3	000.0
24	36.4	22.6	29.5	13.8	80	19	50	29	32	06.7	10.2	10.2	000.0
25	35.5	20.0	27.8	15.5	63	20	42	23	29	05.8	10.6	08.1	000.0
26	37.0	20.6	28.8	16.4	78	25	52	32	27	04.1	07.7	07.0	000.0
27	35.0	21.0	28.0	14.0	76	33	55	29	29	06.3	06.0	07.3	000.0
28	34.5	21.5	28.0	13.0	74	27	51	34	27	06.7	08.8	06.6	000.0
29	34.0	20.5	27.3	13.5	82	20	51	25	29	05.1	10.2	09.4	000.0
30	35.4	22.4	28.9	13.0	75	18	47	36	27	06.8	10.3	08.3	000.0
31	36.5	23.6	30.1	12.9	49	15	32	02	29	07.5	10.4	10.2	000.0
Total	1154.4	607.3	880.9	547.1	1704	468	1086			173.8	301.2	265.5	0.0
Mean	37.2	19.6	28.4	17.6	55.0	15.1	35.0			5.6	9.7	8.6	0.0
S.D.	1.9	2.8	1.5	3.7	23.1	8.2	14.7			1.3	1.4	1.8	0.0
C.V.%	5.0	14.5	5.4	21.1	42.1	54.1	41.8			23.9	14.1	20.9	0.0
High.	40.5	24.8	31.3	23.4	91.0	35.0	56.5			7.6	10.9	13.4	0.0
Low.	34.0	14.4	24.5	12.9	19.0	5.0	13.0			3.2	4.9	4.0	0.0
Mode	34.0	17.0	28.8	23.4	80.0	15.0	23.5			6.8	10.5	9.0	0.0

March-2013												
Date	D.B. (°C)		W.B. (°C)		V.P.(mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	17.5	36.0	9.0	19.0	03.6	06.1	23.0	25.0	30.0	40.5	36.4	31.5
2	17.8	36.6	11.4	17.0	06.3	02.6	23.5	25.5	30.5	40.5	37.5	31.8
3	19.0	38.0	11.0	18.0	05.0	03.3	23.5	25.5	30.5	42.0	36.5	31.5
4	17.5	38.2	10.4	18.8	05.3	03.6	19.0	26.0	31.0	42.2	37.7	32.6
5	19.5	39.0	12.6	18.0	06.8	02.7	24.5	26.0	31.0	42.4	38.2	32.7
6	19.9	40.0	12.4	20.0	06.4	05.3	25.0	27.0	31.5	42.6	38.6	33.2
7	21.0	40.0	14.0	18.6	07.8	03.0	25.5	27.0	32.0	44.0	38.5	33.4
8	22.4	39.6	14.4	18.6	07.5	03.2	26.0	27.5	32.0	42.0	38.6	33.6
9	27.5	38.5	15.0	18.2	05.3	03.4	25.5	27.8	32.5	43.0	39.0	34.4
10	21.5	37.5	19.2	20.8	14.7	08.3	25.0	27.0	32.0	42.0	37.5	34.0
11	21.4	35.0	15.2	18.0	09.2	05.1	25.5	27.0	32.0	39.4	36.7	33.0
12	20.5	34.8	15.0	23.4	09.5	14.5	25.0	27.0	32.0	41.0	37.0	33.0
13	22.0	35.6	20.0	19.0	16.3	06.4	25.5	27.0	31.7	41.0	37.7	33.3
14	23.5	35.0	22.4	20.6	19.7	09.4	27.0	28.0	32.0	40.8	38.2	33.6
15	23.0	35.5	20.0	19.0	15.7	06.3	27.2	26.6	32.6	41.0	38.0	33.5
16	27.0	37.0	17.0	19.0	08.4	05.6	27.6	28.8	33.0	41.6	39.0	34.0
17	26.8	38.2	16.6	19.6	08.0	05.8	27.5	29.4	33.4	42.0	40.4	35.0
18	23.5	37.4	15.6	18.6	08.5	04.6	27.4	28.0	33.8	42.0	39.2	34.6
19	27.5	37.6	15.4	18.2	05.9	04.1	27.2	28.5	33.5	42.4	39.2	34.8
20	26.2	36.1	15.6	17.4	06.9	03.6	27.0	28.0	33.5	42.1	38.5	34.5
21	22.5	36.0	20.0	19.4	16.1	06.8	27.0	28.0	32.5	41.8	39.0	34.5
22	24.5	36.6	22.0	20.0	18.3	07.4	28.5	29.5	34.0	41.8	39.5	35.0
23	24.0	35.5	22.0	22.2	18.7	11.6	27.0	28.3	33.5	42.5	38.5	34.5
24	24.6	35.4	22.2	20.0	18.7	08.2	28.6	29.5	33.5	40.5	39.6	35.0
25	24.0	36.4	19.4	21.0	14.1	09.2	28.0	29.0	33.7	41.8	40.2	35.2
26	23.5	34.0	20.8	20.5	16.8	09.8	27.0	29.5	34.0	40.6	38.7	34.6
27	25.0	33.5	22.0	22.0	18.0	15.0	28.5	29.5	33.6	39.8	37.6	34.5
28	24.2	33.0	21.0	20.4	16.7	10.5	27.5	29.0	38.7	39.6	38.7	34.7
29	22.0	35.0	20.0	20.0	16.2	08.4	27.0	28.6	33.5	41.8	39.0	34.7
30	24.5	35.6	21.4	20.0	17.3	08.0	28.0	29.5	34.0	42.2	39.7	35.0
31	26.5	37.0	19.4	19.8	12.6	06.8	28.6	30.0	34.1	42.8	40.2	35.5
Total	710.3	1133.6	532.4	605.1	360.3	208.6	813.1	863.0	1015.6	1289.7	1193.1	1051.2
Mean	22.9	36.6	17.2	19.5	11.6	6.7	26.2	27.8	32.8	41.6	38.5	33.9
S.D.	2.9	1.8	4.0	1.4	5.3	3.3	2.1	1.4	1.6	1.0	1.1	1.1
C.V.%	12.6	5.0	23.3	7.4	45.2	48.5	7.8	5.0	4.9	2.5	2.7	3.2
Highest	27.5	40.0	22.4	23.4	19.7	15.0	28.6	30.0	38.7	44.0	40.4	35.5
Lowest	17.5	33.0	9.0	17.0	3.6	2.6	19.0	25.0	30.0	39.4	36.4	31.5

April-2013

Date	Temperature (°C)				RH. %			W. D.		W.S.	B.S.S	EVAPO	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(kmph)	(hrs.)	(mm)	(mm)
1	37.5	22.0	29.8	15.5	51	15	33	34	25	07.2	10.5	10.1	000.0
2	37.6	21.0	29.3	16.6	61	22	42	34	29	07.1	10.4	10.5	000.0
3	34.0	19.6	26.8	14.4	71	27	49	14	29	07.1	10.5	08.4	000.0
4	34.5	22.5	28.5	12.0	83	13	48	36	34	05.5	10.0	08.4	000.0
5	38.0	24.0	31.0	14.0	52	12	32	36	18	06.8	10.2	08.6	000.0
6	39.3	23.0	31.2	16.3	57	10	34	34	16	06.2	10.3	09.2	000.0
7	39.5	23.9	31.7	15.6	28	11	20	36	27	07.3	10.2	10.7	000.0
8	38.2	20.5	29.4	17.7	71	21	46	32	29	06.8	10.4	10.6	000.0
9	36.0	24.0	30.0	12.0	84	34	59	32	27	06.3	07.4	07.6	000.0
10	36.0	22.0	29.0	14.0	68	17	43	36	27	06.8	05.5	08.0	000.0
11	37.0	22.1	29.6	14.9	73	26	50	36	32	08.1	08.6	09.5	000.0
12	36.5	21.4	29.0	15.1	69	16	43	36	32	06.0	09.5	08.4	000.0
13	38.6	23.4	31.0	15.2	53	10	32	36	34	07.5	10.2	10.4	000.0
14	40.8	21.0	30.9	19.8	70	10	40	09	32	05.7	10.8	10.2	000.0
15	40.2	25.5	32.9	14.7	85	37	61	34	25	06.9	10.4	09.4	000.0
16	38.9	23.6	31.3	15.3	88	32	60	20	27	06.8	10.1	08.6	000.0
17	37.3	24.0	30.7	13.3	84	47	66	25	25	08.3	10.2	08.8	000.0
18	35.2	23.9	29.6	11.3	82	44	63	25	25	10.2	08.2	10.2	000.0
19	36.5	24.4	30.5	12.1	80	44	62	23	23	08.9	09.0	07.8	000.0
20	35.3	24.6	30.0	10.7	85	43	64	23	27	08.9	10.4	08.3	000.0
21	35.8	24.9	30.4	10.9	83	43	63	20	27	10.2	09.8	08.1	000.0
22	36.4	24.8	30.6	11.6	83	31	57	20	25	07.9	08.5	09.3	000.0
23	38.2	24.0	31.1	14.2	78	63	71	18	02	05.7	09.6	07.0	000.0
24	39.5	27.0	33.3	12.5	48	17	33	18	29	07.7	10.3	11.4	000.0
25	40.6	27.0	33.8	13.6	60	14	37	34	29	08.9	09.5	11.5	000.0
26	41.6	27.0	34.3	14.6	44	15	30	07	02	09.7	10.5	12.4	000.0
27	40.3	25.5	32.9	14.8	37	9	23	34	05	08.2	10.4	15.0	000.0
28	41.6	26.4	34.0	15.2	59	15	37	34	34	07.5	10.5	12.4	000.0
29	42.1	25.5	33.8	16.6	83	13	48	34	29	09.6	11.1	12.2	000.0
30	42.0	25.3	33.7	16.7	75	23	49	02	29	10.1	11.4	12.6	000.0
Total	1145.0	713.8	929.4	431.2	2045	734	1389.5			229.9	294.4	295.6	000.0
Mean	38.2	23.8	31.0	14.4	68.2	24.5	46.3			7.7	9.8	9.9	000.0
S.D.	2.3	2.0	1.9	2.1	16.1	14.2	13.8			1.4	1.2	1.8	000.0
C.V.%	6.1	8.3	6.0	14.8	23.7	58.0	29.9			18.1	12.1	18.6	000.0
High.	42.1	27.0	34.3	19.8	88.0	63.0	70.5			10.2	11.4	15.0	000.0
Low.	34.0	19.6	26.8	10.7	28.0	9.0	19.5			5.5	5.5	7.0	000.0
Mode	39.5	24.0	31.0	16.6	83.0	15.0	49.0			6.8	10.4	8.4	000.0

April-2012												
Date	D.B. (°C)		W.B. (°C)		V.P.(mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	26.0	37.2	19.3	20.0	12.7	07.1	28.6	30.2	34.6	42.5	40.3	35.7
2	24.0	32.7	19.2	19.0	13.7	08.2	28.0	29.4	34.5	41.2	39.2	35.7
3	24.0	34.0	20.4	21.0	15.8	10.7	27.8	29.2	34.0	41.8	39.2	35.0
4	24.0	38.0	22.0	20.0	18.7	06.5	28.5	25.0	34.0	44.5	40.5	35.5
5	27.0	38.8	20.4	20.0	14.0	06.1	29.0	30.5	35.0	45.0	41.0	36.0
6	27.0	39.6	21.2	20.0	15.4	05.6	29.0	31.0	35.0	46.2	41.5	36.5
7	28.6	37.0	17.4	18.8	08.1	05.2	29.5	30.2	35.0	45.2	41.0	36.5
8	25.4	35.0	21.8	21.4	17.4	10.4	28.5	30.7	35.0	43.2	40.2	36.0
9	26.0	35.0	24.0	23.3	21.2	14.3	30.4	31.5	35.0	41.8	31.6	36.5
10	25.0	36.0	21.0	20.0	16.2	07.8	29.4	30.5	35.0	42.6	40.4	36.2
11	24.4	36.5	21.1	22.6	16.8	12.1	28.8	30.2	34.6	43.2	41.0	36.0
12	26.0	38.0	22.0	28.7	17.4	07.7	29.0	30.5	35.4	44.2	41.2	36.5
13	27.0	39.6	27.6	20.0	14.3	05.6	30.0	31.0	35.6	46.4	42.5	37.6
14	27.2	39.7	23.2	20.0	18.9	05.6	27.9	30.3	35.5	46.5	42.6	37.0
15	25.2	36.8	23.4	25.4	20.4	17.3	30.3	31.5	36.0	44.8	42.2	37.0
16	25.5	36.5	24.0	24.0	23.3	17.1	31.1	32.0	35.0	44.4	42.5	37.4
17	26.0	33.6	24.0	24.8	21.2	18.2	31.2	32.4	36.0	43.5	41.2	37.2
18	26.5	34.8	24.2	25.3	21.3	18.3	30.8	31.8	36.7	42.8	41.6	37.2
19	27.0	35.0	24.4	25.4	21.3	18.4	31.2	32.0	36.0	44.5	42.0	36.5
20	25.3	35.0	23.4	25.2	18.7	20.4	31.0	32.0	36.0	44.5	40.4	37.3
21	27.4	35.0	25.2	25.2	22.7	18.0	31.2	32.4	35.9	43.3	40.5	37.0
22	27.0	37.6	24.7	24.5	22.1	15.2	30.8	32.0	36.0	44.0	42.4	37.0
23	27.0	38.0	24.1	23.0	20.9	18.0	30.5	32.0	36.5	44.4	42.0	37.5
24	30.0	40.0	22.2	22.4	15.3	09.4	32.5	33.0	36.5	44.6	41.4	37.5
25	28.8	41.0	23.2	22.0	07.9	08.3	32.4	33.5	37.0	45.4	42.6	37.8
26	29.4	40.2	21.0	22.0	13.5	08.7	31.5	32.6	36.0	45.5	42.0	37.0
27	30.0	40.4	20.2	20.2	11.8	05.4	31.4	32.5	37.0	46.4	43.5	38.5
28	28.8	41.2	23.0	22.6	17.5	09.1	32.0	33.2	37.4	46.5	43.5	38.5
29	28.0	41.5	25.8	22.0	23.6	07.9	32.8	33.5	37.4	47.5	43.4	38.7
30	27.4	40.2	24.2	24.1	20.7	12.6	32.0	33.4	37.5	46.5	44.4	39.0
Total	800.9	1123.9	677.6	672.9	522.8	335.2	907.1	940.0	1071.1	1332.9	1237.8	1107.8
Mean	26.7	37.5	22.6	22.4	17.4	11.2	30.2	31.3	35.7	44.4	41.3	36.9
S.D.	1.7	2.5	2.2	2.4	4.2	5.0	1.5	1.7	1.0	1.6	2.2	1.0
C.V.%	6.4	6.7	9.8	10.8	24.1	44.7	4.9	5.4	2.8	3.6	5.4	2.6
Highest	30.0	41.5	27.6	28.7	23.6	20.4	32.8	33.5	37.5	47.5	44.4	39.0
Lowest	24.0	32.7	17.4	18.8	7.9	5.2	27.8	25.0	34.0	41.2	31.6	35.0

May-2013

Date	Temperature (°C)				RH. %			W. D.		W.S.	B.S.S	EVAPO	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(kmph)	(hrs)	(mm)	(mm)
1	41.5	26.0	33.8	15.5	43	12	28	34	29	6.2	11.2	12.0	000.0
2	43.2	23.5	33.4	19.7	57	11	34	29	27	6.0	11.1	12.0	000.0
3	42.5	25.0	33.8	17.5	84	30	57	32	27	5.2	11.3	12.2	000.0
4	40.0	25.7	32.9	14.3	81	32	57	18	32	5.6	11.4	11.6	000.0
5	40.3	25.3	32.8	15.0	74	40	57	23	27	9.6	11.6	12.7	000.0
6	37.5	25.4	31.5	12.1	83	39	61	34	25	9.9	11.4	8.8	000.0
7	40.5	24.7	32.6	15.8	84	31	58	27	34	09.0	11.3	10.4	000.0
8	41.0	24.0	32.5	17.0	84	24	54	20	27	06.8	11.0	10.8	000.0
9	41.5	24.0	32.8	17.5	84	28	56	23	25	07.0	10.9	11.3	000.0
10	40.0	26.0	33.0	14.0	85	31	58	23	27	09.5	09.8	10.6	000.0
11	39.5	26.5	33.0	13.0	81	33	57	23	27	08.4	09.4	09.6	000.0
12	38.5	25.7	32.1	12.8	75	35	55	25	23	11.0	10.3	10.1	000.0
13	38.0	26.3	32.2	11.7	77	39	58	27	25	09.7	10.1	10.6	000.0
14	38.0	23.5	30.8	14.5	87	36	62	27	27	07.7	10.3	08.4	000.0
15	41.0	26.0	33.5	15.0	84	27	56	32	27	08.3	10.9	10.0	000.0
16	41.0	26.0	33.5	15.0	83	38	61	27	25	08.5	10.8	11.4	000.0
17	38.8	26.0	32.4	12.8	80	34	57	32	25	10.2	11.2	09.6	000.0
18	39.5	26.0	32.8	13.5	78	39	59	27	27	10.0	10.1	10.2	000.0
19	38.8	25.8	32.3	13.0	79	28	54	27	29	08.9	10.2	09.1	000.0
20	41.1	26.5	33.8	14.6	85	22	54	32	29	07.8	10.5	10.4	000.0
21	42.5	26.5	34.5	16.0	85	26	56	32	29	07.5	09.2	11.2	000.0
22	41.6	26.0	33.8	15.6	76	26	51	32	27	09.0	10.5	11.4	000.0
23	41.2	27.0	34.1	14.2	72	36	54	27	27	09.9	10.7	12.0	000.0
24	39.5	27.0	33.3	12.5	79	43	61	23	27	10.8	10.9	11.4	000.0
25	38.5	28.0	33.3	10.5	78	36	57	27	23	14.2	11.2	09.5	000.0
26	38.2	28.0	33.1	10.2	74	41	58	23	27	14.8	09.8	10.2	000.0
27	38.1	28.0	33.1	10.1	74	43	59	23	29	13.4	09.9	09.4	000.0
28	38.3	27.6	33.0	10.7	77	33	55	27	29	12.0	08.9	10.2	000.0
29	39.5	27.5	33.5	12.0	77	37	57	27	27	11.3	08.1	10.6	000.0
30	38.6	27.2	32.9	11.4	78	37	58	32	27	11.4	10.4	11.1	000.0
31	39.5	26.6	33.1	12.9	78	33	56	32	29	12.0	10.1	12.0	000.0
Total	847.0	807.3	1022.5	430.4	2416	1000	1708			291.6	324.5	330.8	0.0
Mean	39.9	26.0	33.0	13.9	77.9	32.3	55.1			9.4	10.5	10.7	
S.D.	1.5	1.2	0.8	2.3	8.7	7.8	7.0			2.4	0.8	1.1	
C.V.%	3.8	4.7	2.3	16.8	11.1	24.2	12.6			25.6	7.8	10.1	
High.	43.2	28.0	34.5	19.7	87.0	43.0	61.5			14.8	11.6	12.7	
Low.	37.5	23.5	30.8	10.1	43.0	11.0	27.5			5.2	8.1	8.4	
Mode	39.5	26.0	33.5	17.5	84	39	57			9.9	11.2	12.0	

May-2013												
Date	D.B. (°C)		W.B. (°C)		V.P.(mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	30.4	42.4	21.6	22.0	14.0	7.4	32.5	33.8	38.2	46.8	44.6	40.0
2	28.0	42.2	22.0	21.5	16.2	6.7	31.5	33.7	38.0	46.6	44.0	39.2
3	27.0	39.0	25.0	25.2	22.5	15.6	32.5	33.6	38.0	45.0	43.5	39.4
4	27.6	38.5	25.1	25.4	23.6	16.0	32.5	33.8	38.0	45.0	43.0	39.0
5	29.5	35.5	25.8	25.0	22.7	17.4	33.0	34.5	37.5	44.5	43.0	39.0
6	27.5	39.0	25.4	27.4	23.8	22.3	32.0	33.5	38.0	44.5	43.5	39.0
7	27.0	40.0	25.0	26.4	22.5	17.4	32.0	33.5	38.0	46.0	44.5	39.5
8	27.0	40.4	25.0	24.6	22.5	16.0	31.5	33.0	38.0	47.0	44.0	39.0
9	27.0	39.0	25.0	24.8	22.5	14.7	32.0	33.0	37.0	46.2	43.8	39.5
10	28.0	39.0	26.0	25.4	24.1	16.0	32.5	34.0	38.0	46.0	44.5	39.0
11	28.5	37.5	26.0	25.0	23.8	16.1	33.5	34.2	36.9	46.2	43.0	39.0
12	29.0	37.8	25.6	25.6	22.5	17.1	33.5	33.9	37.8	46.5	42.5	39.0
13	28.5	36.5	25.4	25.6	22.5	18.0	33.5	34.0	38.0	47.5	43.4	39.2
14	26.5	39.4	24.8	27.0	22.5	19.1	32.0	33.0	37.5	47.6	44.0	39.0
15	27.0	39.6	25.0	25.0	22.5	14.8	34.0	34.5	38.0	48.0	44.0	39.6
16	27.5	37.5	25.5	26.0	23.2	18.2	34.0	34.5	38.0	47.5	44.2	39.5
17	28.5	38.0	25.8	25.6	23.9	17.0	33.6	34.0	38.4	48.0	43.8	39.5
18	28.8	37.6	25.8	26.4	23.1	18.9	34.0	34.0	38.5	47.8	44.5	39.6
19	28.5	40.0	25.6	25.4	22.6	15.4	33.5	34.2	38.6	48.0	44.5	39.8
20	28.0	42.0	26.0	25.2	24.1	13.7	34.5	34.5	38.5	47.5	44.8	39.8
21	28.0	40.0	26.0	25.0	24.1	14.5	35.0	35.0	39.0	47.2	44.3	40.0
22	28.2	40.0	25.0	25.0	21.9	14.5	35.0	35.0	38.5	47.3	44.2	39.8
23	28.8	38.8	25.0	26.6	21.5	18.5	35.0	35.0	38.5	47.0	44.6	39.7
24	29.5	37.5	26.6	27.3	24.3	20.8	35.0	35.0	38.5	47.2	43.2	39.6
25	30.0	38.8	27.0	26.6	24.9	18.5	36.0	34.0	38.5	47.0	44.0	39.5
26	30.5	37.5	26.8	26.8	24.2	19.8	36.0	35.0	38.5	47.0	42.0	39.5
27	30.5	37.8	26.8	27.6	24.2	21.5	36.0	35.0	38.5	46.5	42.0	39.6
28	30.0	38.8	26.8	26.0	24.5	17.3	36.0	35.0	38.5	46.5	42.0	39.6
29	29.6	38.0	26.4	26.2	23.9	18.2	35.5	35.0	38.5	46.7	41.7	39.5
30	29.4	38.2	26.4	26.4	23.9	18.5	35.5	35.0	38.5	47.0	42.2	39.5
31	29.0	39.0	26.0	25.9	23.3	14.2	35.0	35.0	38.5	47.5	42.7	39.7
Total	883.3	1205.3	790.2	793.9	705.8	514.1	1048.1	1061.2	1182.9	1449.1	1350.0	1222.6
Mean	28.5	38.9	25.5	25.6	22.8	16.6	33.8	34.2	38.2	46.7	43.5	39.4
S.D.	1.2	1.6	1.2	1.3	2.2	3.3	1.5	0.7	0.5	1.0	0.9	0.3
C.V.%	4.1	4.0	4.6	5.1	9.8	20.1	4.3	1.9	1.2	2.1	2.1	0.8
Highest	30.5	42.4	27.0	27.6	24.9	22.3	36.0	35.0	39.0	48.0	44.8	40.0
Lowest	26.5	35.5	21.6	21.5	14.0	6.7	31.5	33.0	36.9	44.5	41.7	39.0

June-2013

Date	Temperature (°C)				RH. %			W.D.		W.S.	B.S.S	EVAPO	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(kmph)	(hrs.)	(mm)	(mm)
1	39.3	27.0	33.2	12.3	74	37	56	32	29	10.8	10.0	10.9	000.0
2	39.5	26.5	33.0	13.0	81	33	57	23	21	10.0	10.1	10.4	000.0
3	38.5	26.6	32.6	11.9	66	39	53	14	14	06.6	07.6	06.0	000.0
4	39.0	27.5	33.3	11.5	76	52	64	14	23	07.6	06.8	06.0	000.0
5	37.0	28.0	32.5	9.0	78	43	61	11	20	08.0	04.0	06.0	000.0
6	37.5	28.0	32.8	9.5	76	41	59	23	27	08.2	04.6	07.4	000.0
7	38.5	29.0	33.8	9.5	75	39	57	27	32	11.1	08.9	10.2	000.0
8	39.0	21.7	30.4	17.3	80	56	68	18	23	06.5	04.1	07.0	039.0
9	36.0	26.6	31.3	9.4	81	75	78	18	18	05.6	04.7	05.0	003.0
10	34.5	23.7	29.1	10.8	86	92	89	18	18	9.4	06.9	02.4	001.0
11	30.5	23.6	27.1	6.9	97	100	99	16	27	07.4	00.0	02.0	094.0
12	29.5	24.0	26.8	5.5	100	98	99	18	16	06.2	00.0	01.0	142.0
13	30.0	25.7	27.9	4.3	91	95	93	14	14	07.6	00.0	01.0	005.5
14	30.0	25.8	27.9	4.2	85	100	93	18	18	05.9	00.0	01.0	026.0
15	34.0	26.0	30.0	8.0	74	70	72	14	25	06.3	04.5	00.0	077.0
16	34.5	27.0	30.8	7.5	95	97	96	34	11	04.5	02.7	03.2	000.0
17	32.0	23.0	27.5	9.0	98	97	98	05	14	04.6	00.0	03.5	081.5
18	28.0	25.8	26.9	2.2	94	71	83	23	29	04.0	00.0	00.7	008.5
19	33.0	26.5	29.8	6.5	86	70	78	18	27	07.1	00.0	03.6	000.0
20	33.5	25.0	29.3	8.5	87	69	78	20	25	04.1	03.2	04.0	031.0
21	33.6	26.5	30.1	7.1	83	61	72	27	25	06.6	06.0	05.4	000.0
22	33.5	26.2	29.9	7.3	84	53	69	23	27	08.5	04.0	04.7	003.0
23	35.0	26.0	30.5	9.0	83	49	66	18	25	10.8	07.7	09.0	000.0
24	36.0	26.0	31.0	10.0	79	73	76	20	23	07.9	07.8	05.0	000.0
25	32.5	26.1	29.3	6.4	83	56	70	20	25	08.2	00.8	03.8	004.8
26	34.5	26.6	30.6	7.9	83	60	72	20	23	09.9	02.0	05.3	000.0
27	34.0	24.5	29.3	9.5	90	82	86	14	23	11.0	00.9	04.6	008.0
28	31.0	26.0	28.5	5.0	87	75	81	20	23	07.5	00.5	01.0	004.0
29	31.0	25.5	28.3	5.5	92	75	84	23	23	09.1	00.8	03.8	002.0
30	31.9	25.3	28.6	6.6	96	75	86	20	25	08.5	00.0	02.2	006.8
Total	1026.8	775.7	901.3	251.1	2540	2033	2286.5			229.5	108.6	136.1	537.1
Mean	34.2	25.9	30.0	8.4	84.7	67.8	76.2			7.7	3.6	4.5	
S.D.	3.3	1.5	2.0	3.1	8.3	21.0	14.0			2.0	3.4	3.0	
C.V.%	9.5	6.0	6.8	36.5	9.8	31.0	18.3			26.7	93.5	65.5	
High.	39.5	29.0	33.8	17.3	100.0	100.0	99.0			11.1	10.1	10.9	
Low.	28.0	21.7	26.8	2.2	66.0	33.0	52.5			4.0	0.0	0.0	
Mode	34.5	26.0	29.3	9.0	83.0	75.0	78.0			10.8	0.0	1.0	

June-2013												
Date	D.B. (°C)		W.B. (°C)		V.P.(mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	29.6	38.1	26.0	26.2	23.1	18.1	35.0	34.6	38.5	47.7	43.2	39.6
2	28.8	38.4	26.2	26.0	23.9	17.5	35.0	35.7	39.0	47.0	43.5	40.0
3	30.8	37.4	25.8	26.2	21.9	18.7	34.0	34.5	38.0	47.5	42.5	39.0
4	30.2	34.2	26.8	26.4	24.3	20.9	34.3	35.0	38.0	43.5	40.0	39.0
5	29.4	36.6	26.4	26.6	23.9	19.9	34.0	34.3	37.5	45.0	40.0	38.5
6	30.2	38.0	26.9	27.2	24.3	20.4	35.0	35.4	38.0	47.0	42.0	39.0
7	30.4	38.0	26.9	26.9	24.4	19.7	35.0	35.5	38.5	46.0	41.0	39.0
8	28.4	35.0	25.9	27.9	23.3	23.6	31.0	31.2	35.5	40.0	37.0	37.0
9	29.4	31.0	26.9	27.4	25.0	25.2	32.0	30.5	35.0	39.0	37.0	36.5
10	28.6	27.6	26.9	26.6	25.4	25.5	31.0	31.7	35.0	32.5	31.0	34.0
11	25.5	25.4	25.4	25.4	24.3	24.3	29.5	28.5	31.5	32.0	30.0	31.0
12	26.2	28.0	26.2	27.8	25.5	27.9	29.0	27.5	30.0	33.0	30.0	31.0
13	28.0	27.1	26.8	26.4	25.7	25.4	30.0	28.5	31.0	32.0	30.5	31.5
14	29.4	26.6	27.4	26.6	26.1	26.1	30.0	28.5	31.0	34.0	33.0	33.5
15	30.0	33.4	26.4	28.8	23.6	26.9	30.2	29.0	31.5	37.0	35.0	33.5
16	29.5	25.1	28.8	24.8	29.2	23.3	30.9	29.4	32.5	30.0	29.5	32.2
17	24.6	26.4	24.4	26.1	22.8	24.9	27.9	27.5	30.5	30.0	28.2	30.2
18	28.0	32.2	27.2	28.0	26.6	25.8	30.0	28.0	30.5	33.5	31.4	31.5
19	28.4	31.4	26.6	27.0	25.1	24.1	30.0	28.5	31.0	31.6	33.0	33.0
20	28.0	32.7	26.4	28.0	24.8	25.5	30.0	28.5	31.5	37.5	35.3	33.6
21	28.6	33.0	26.3	27.0	24.3	23.1	30.5	29.0	32.5	36.4	33.0	33.1
22	28.4	34.4	26.3	26.8	24.4	21.7	30.0	28.5	32.0	38.0	34.0	33.5
23	28.0	35.5	25.9	26.8	23.6	21.1	30.0	29.0	32.5	40.0	36.0	34.0
24	29.0	29.2	26.2	25.5	23.8	22.2	31.0	29.0	33.0	33.0	31.4	33.0
25	28.6	33.4	26.4	26.4	24.5	21.5	30.0	28.5	32.0	36.5	33.0	33.0
26	29.0	33.0	26.8	26.8	25.1	22.7	30.5	29.0	32.0	36.6	32.0	33.0
27	27.2	27.5	26.0	25.2	24.5	22.6	29.5	28.5	32.0	32.5	30.5	32.0
28	28.5	30.5	26.8	27.0	25.4	24.6	30.0	28.5	31.5	32.6	32.5	31.8
29	27.2	30.5	26.2	27.0	24.9	24.6	30.0	28.0	31.5	32.5	31.4	32.5
30	25.5	31.0	24.0	27.4	24.8	25.2	29.5	28.0	31.0	32.5	31.0	32.0
Total	853.4	960.6	791.2	802.2	738.5	693.0	934.8	908.3	1004.0	1116.4	1037.9	1030.5
Mean	28.4	32.0	26.4	26.7	24.6	23.1	31.2	30.3	33.5	37.2	34.6	34.4
S.D.	1.5	4.1	0.9	0.9	1.3	2.7	2.1	2.8	3.0	5.8	4.6	3.0
C.V.%	5.3	12.8	3.2	3.3	5.3	11.6	6.7	9.3	8.8	15.5	13.2	8.9
High.	30.8	38.4	28.8	28.8	29.2	27.9	35.0	35.7	39.0	47.7	43.5	40.0
Low.	24.6	25.1	24.0	24.8	21.9	17.5	27.9	27.5	30.0	30.0	28.2	30.2

July-2013

Date	Temperature (°C)				RH. %			W. D.		W.S.	B.S.S	EVAPO	Rainfal I
	Max	Min	Mean	Rang e	I	II	Mean	I	II	(kmph)	(hrs)	(mm)	(mm)
1	32.0	26.0	29.0	6.0	94	75	85	20	27	08.8	00.0	02.4	001.8
2	31.0	26.3	28.7	4.7	87	60	74	23	27	06.3	00.0	02.4	003.4
3	33.8	26.5	30.2	7.3	85	54	70	27	27	09.8	00.8	05.0	000.0
4	34.6	27.0	30.8	7.6	86	81	84	25	25	11.3	00.3	06.5	000.0
5	29.5	25.3	27.4	4.2	94	80	87	23	25	06.2	00.0	03.2	013.0
6	30.5	26.3	28.4	4.2	86	75	81	23	27	07.4	00.0	02.2	002.8
7	31.5	25.1	28.3	6.4	93	89	91	18	23	06.7	00.0	02.3	005.2
8	28.0	25.4	26.7	2.6	89	81	85	18	25	07.3	00.0	00.8	013.2
9	29.6	25.0	27.3	4.6	88	69	79	18	25	06.4	00.5	01.6	002.5
10	33.0	24.5	28.8	8.5	87	79	83	23	27	09.1	00.0	03.1	003.0
11	29.8	25.2	27.5	4.6	92	77	85	32	29	07.9	00.0	03.2	011.3
12	31.0	24.0	27.5	7.0	93	100	97	36	36	07.1	00.0	02.6	002.4
13	28.0	23.5	25.8	4.5	95	92	94	27	23	03.3	00.0	04.4	084.0
14	28.5	24.5	26.5	4.0	89	72	81	20	25	04.4	03.1	02.2	009.6
15	31.5	25.1	28.3	6.4	87	83	85	18	25	08.5	00.2	04.5	000.0
16	31.5	25.5	28.5	6.0	93	89	91	23	27	07.7	00.0	02.7	004.0
17	29.1	25.7	27.4	3.4	87	98	93	25	05	05.3	00.3	01.1	001.9
18	30.1	24.9	27.5	5.2	92	70	81	23	27	05.6	00.0	03.0	035.0
19	31.0	25.0	28.0	6.0	100	98	99	18	23	07.1	00.1	02.2	013.4
20	30.5	25.2	27.9	5.3	100	97	99	23	29	09.7	01.0	01.5	001.2
21	31.0	25.1	28.1	5.9	100	87	94	18	25	07.7	00.0	03.0	007.2
22	29.0	25.0	27.0	4.0	87	87	87	14	27	05.5	00.1	01.6	013.9
23	29.0	25.0	27.0	4.0	95	95	95	23	25	05.6	00.0	02.2	005.2
24	28.1	24.5	26.3	3.6	93	92	93	34	29	03.0	00.0	01.3	019.8
25	28.5	25.2	26.9	3.3	100	95	98	23	27	04.1	00.0	00.6	050.8
26	29.0	25.0	27.0	4.0	95	90	93	23	25	07.2	00.0	01.7	042.2
27	29.0	25.0	27.0	4.0	92	92	92	18	23	08.4	00.0	01.7	013.5
28	28.0	25.0	26.5	3.0	89	92	91	20	25	10.4	00.0	00.6	012.2
29	28.0	24.5	26.3	3.5	91	95	93	20	25	06.4	00.0	01.0	004.2
30	27.8	24.0	25.9	3.8	96	89	93	27	23	06.9	00.0	00.2	021.6
31	28.0	25.1	26.6	2.9	93	78	86	20	23	08.6	00.0	01.3	000.3
Total	929.9	779.4	854.7	150.5	2848	2611	2730			219.7	6.4	72.1	398.6
Mean	30.0	25.1	27.6	4.9	91.9	84.2	88.0			7.1	0.2	2.3	12.9
S.D.	1.8	0.7	1.2	1.5	4.5	11.4	7.2			2.0	0.6	1.4	18.1
C.V.%	6.0	2.9	4.2	30.9	4.9	13.6	8.2			27.9	285.4	59.6	140.8
High.	34.6	27.0	30.8	8.5	100.0	100.0	99.0			11.3	3.1	6.5	84.0
Low.	27.8	23.5	25.8	2.6	85.0	54.0	69.5			3.0	0.0	0.2	0.0
Mode	28.0	25.0	27.0	4.0	87.0	92.0	92.5			6.4	0.0	2.2	0.0

July-2013

Date	D.B. (°C)		W.B. (°C)		V.P.(mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	27.4	30.5	26.7	27.0	25.7	24.6	30.2	28.6	31.6	32.6	30.5	31.7
2	28.0	33.4	26.4	37.2	24.8	23.2	30.0	28.2	31.2	34.0	32.4	32.5
3	29.0	34.0	27.0	26.6	25.5	21.6	30.5	28.8	31.7	35.5	32.8	33.0
4	28.0	29.0	26.2	26.4	24.3	24.2	30.0	29.7	32.2	31.2	29.8	31.6
5	26.5	30.0	25.8	25.2	24.5	25.4	29.0	28.0	30.8	31.5	30.0	31.5
6	28.4	30.0	26.6	26.5	25.1	23.8	30.0	29.5	31.4	32.4	30.6	31.6
7	26.4	26.6	25.6	25.4	24.2	23.6	29.4	27.8	30.9	31.5	30.2	31.4
8	27.4	28.5	26.0	26.0	24.3	23.8	29.8	28.2	30.6	32.0	30.3	31.0
9	26.0	30.5	24.6	26.0	22.4	22.5	29.0	27.7	30.5	33.5	32.0	31.2
10	27.0	28.6	25.2	25.8	23.3	23.2	29.0	27.5	31.0	31.6	29.8	31.0
11	26.9	29.4	25.9	26.2	24.6	23.5	29.0	27.5	30.3	32.0	29.8	31.0
12	26.0	24.5	25.1	24.4	23.6	22.9	29.0	27.5	31.0	29.4	28.5	30.0
13	25.0	27.0	24.3	25.9	22.5	24.6	27.1	26.0	28.5	31.5	28.0	29.5
14	27.0	30.5	25.6	26.4	23.8	23.3	28.5	26.6	29.6	34.0	32.0	31.0
15	27.0	27.5	25.4	25.1	23.3	22.7	29.0	27.0	30.5	32.0	31.0	31.5
16	26.4	27.5	25.6	25.9	24.2	24.3	29.0	27.5	30.5	31.0	29.0	30.5
17	27.5	26.2	26.0	25.9	24.2	25.1	29.0	30.0	26.6	30.5	29.0	30.6
18	26.3	28.5	25.4	25.4	23.8	22.4	28.5	27.0	29.5	31.0	28.5	29.6
19	26.4	29.8	26.3	29.5	25.8	30.9	28.5	27.0	29.5	28.0	30.5	30.5
20	26.2	30.3	26.1	30.0	25.5	31.7	28.7	27.0	30.0	33.0	32.0	33.0
21	26.0	27.0	25.9	25.4	25.2	23.5	29.0	27.0	30.2	31.7	29.6	30.0
22	26.0	28.0	25.4	26.4	22.0	24.8	28.5	27.0	30.8	32.0	29.5	30.5
23	25.5	26.0	24.9	25.4	23.3	23.9	29.0	27.5	30.0	30.0	27.5	30.0
24	28.2	28.0	25.3	27.0	23.9	26.1	28.5	26.5	29.0	30.5	28.5	29.5
25	26.0	26.5	26.0	25.0	25.2	22.8	28.6	27.5	29.0	29.0	27.5	29.0
26	26.1	27.2	25.3	25.9	23.9	24.5	28.0	26.5	29.0	30.0	28.0	29.0
27	25.5	27.0	24.4	26.0	22.3	24.6	28.5	26.6	28.8	29.2	28.5	29.2
28	27.4	26.2	26.0	25.2	24.3	23.5	30.0	28.0	29.0	28.5	26.6	28.8
29	25.5	25.0	24.4	24.4	22.3	22.5	27.7	26.0	28.6	28.5	27.0	28.5
30	25.0	27.5	24.5	25.9	22.9	24.3	28.2	25.5	28.0	29.5	27.5	28.5
31	26.0	29.0	25.2	25.9	23.6	23.3	27.5	26.0	28.0	31.5	28.0	29.0
Total	826.0	879.7	793.1	819.3	744.3	751.1	896.7	851.2	928.3	968.6	914.9	945.7
Mean	26.6	28.4	25.6	26.4	24.0	24.2	28.9	27.5	29.9	31.2	29.5	30.5
S.D.	1.0	2.2	0.7	2.3	1.1	2.1	0.8	1.1	1.3	1.8	1.7	1.3
C.V.%	3.8	7.6	2.8	8.8	4.4	8.8	2.8	4.0	4.3	5.6	5.6	4.1
High.	29.0	34.0	27.0	37.2	25.8	31.7	30.5	30.0	32.2	35.5	32.8	33.0
Low.	25.0	24.5	24.3	24.4	22.0	21.6	27.1	25.5	26.6	28.0	26.6	28.5

August-2013

Date	Temperature (°C)				RH. %			W.D.		W.S.	B.S.S	EVAPO	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(kmph)	(hrs)	(mm)	(mm)
1	30.1	25.5	27.8	4.6	93	83	88	16	14	07.9	00.0	01.6	000.0
2	29.0	25.5	27.3	3.5	95	93	94	23	18	05.3	00.0	00.7	005.6
3	27.2	24.5	25.9	2.7	96	83	90	18	32	05.8	00.1	00.8	036.0
4	28.5	25.0	26.8	3.5	92	74	83	23	27	05.9	00.0	01.1	005.0
5	30.5	24.5	27.5	6.0	95	88	92	18	23	08.2	01.4	1.6	001.2
6	30.5	25.0	27.8	5.5	95	93	94	14	02	06.8	01.4	02.2	006.2
7	28.0	24.1	26.1	3.9	92	73	83	18	25	04.2	00.0	00.7	013.4
8	30.5	24.5	27.5	6.0	92	78	85	16	14	06.1	01.9	03.8	000.8
9	30.0	24.1	27.1	5.9	92	79	86	23	25	07.5	01.4	00.8	002.0
10	29.0	24.0	26.5	5.0	93	83	88	20	25	05.1	00.0	02.1	008.6
11	29.2	24.5	26.9	4.7	90	83	87	16	20	07.2	00.0	00.9	002.8
12	29.0	24.5	26.8	4.5	93	93	93	23	25	05.7	00.2	00.6	014.6
13	28.0	24.5	26.3	3.5	93	83	88	23	25	6.9	00.0	01.7	005.3
14	29.5	24.3	26.9	5.2	95	95	95	14	25	06.4	00.1	00.7	013.2
15	27.5	24.5	26.0	3.0	96	86	91	18	23	05.8	00.0	00.2	015.0
16	29.0	24.4	26.7	4.6	93	90	92	14	32	04.6	00.0	00.7	013.7
17	30.0	25.5	27.8	4.5	92	95	94	23	29	01.6	01.0	01.2	004.2
18	29.5	25.0	27.3	4.5	87	69	78	25	25	03.1	00.2	02.1	008.0
19	30.5	24.6	27.6	5.9	90	69	80	27	25	05.6	01.5	04.6	000.0
20	31.0	25.0	28.0	6.0	84	67	76	25	25	06.3	02.3	03.4	000.0
21	31.2	24.4	27.8	6.8	92	70	81	23	25	07.4	03.7	04.5	000.0
22	30.5	24.3	27.4	6.2	90	60	75	23	25	06.5	00.7	03.1	000.0
23	31.5	24.5	28.0	7.0	87	56	72	27	23	05.4	02.6	04.8	000.0
24	31.5	25.0	28.3	6.5	89	74	82	25	32	05.7	01.1	03.9	000.0
25	29.5	25.2	27.4	4.3	87	71	79	29	25	02.4	00.0	03.3	000.0
26	29.2	24.0	26.6	5.2	90	62	76	21	25	04.5	00.0	01.9	000.0
27	31.5	24.1	27.8	7.4	83	60	72	21	25	04.5	06.3	05.7	000.0
28	32.2	24.6	28.4	7.6	90	59	75	21	25	03.5	04.8	05.6	000.0
29	32.0	24.5	28.3	7.5	87	68	78	14	25	05.2	03.2	04.7	000.0
30	31.6	24.5	28.1	7.1	88	61	75	21	23	04.0	01.4	03.7	000.0
31	32.0	24.0	28.0	8.0	91	75	83	18	34	04.6	00.7	03.0	002.2
Total	929.2	762.6	845.9	166.6	2822	2373	2597.5			169.7	36.0	75.7	157.8
Mean	30.0	24.6	27.3	5.4	91.0	76.5	83.8			5.5	1.2	2.4	5.1
S.D.	1.4	0.4	0.7	1.4	3.3	11.9	7.3			1.6	1.6	1.7	7.7
C.V.%	4.6	1.8	2.6	26.9	3.7	15.5	8.7			28.5	135.1	67.8	150.9
High.	32.2	25.5	28.4	8.0	96.0	95.0	95.0			8.2	6.3	5.7	36.0
Low.	27.2	24.0	25.9	2.7	83.0	56.0	71.5			1.6	0.0	0.2	0.0
Mode	30.5	24.5	28.0	3.5	92.0	83.0	88.0			5.8	0.0	0.7	0.0

August-2013												
Date	D.B. (°C)		W.B. (°C)		V.P.(mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	26.2	28.2	25.4	25.9	23.9	23.9	28.5	27.0	29.0	30.5	28.5	29.0
2	26.0	25.2	25.4	24.4	23.9	22.4	28.5	27.0	29.0	28.5	27.0	28.8
3	24.8	27.2	24.4	24.9	22.5	22.4	27.2	25.5	28.0	31.0	28.5	30.0
4	26.0	29.0	25.0	25.4	23.2	22.1	28.1	26.0	28.2	32.0	29.0	31.5
5	25.6	29.8	25.0	28.1	23.3	27.7	28.0	26.0	28.5	32.0	30.5	30.0
6	26.0	26.0	25.4	25.2	23.9	23.6	28.0	27.0	29.5	29.5	28.0	29.5
7	26.0	30.0	24.9	26.1	23.2	23.2	28.0	26.0	28.5	32.0	30.0	29.5
8	26.0	29.0	24.9	25.9	23.2	23.3	28.0	26.5	29.0	32.0	29.5	31.0
9	25.5	28.0	24.4	25.2	23.6	22.3	28.5	26.8	29.0	30.4	28.3	29.6
10	25.4	27.5	24.6	25.4	22.7	22.9	27.8	26.5	29.0	29.5	27.3	28.0
11	26.0	27.8	24.8	25.6	22.8	23.2	27.5	26.0	28.5	29.5	27.6	29.2
12	26.0	26.2	25.1	25.4	25.8	23.9	28.0	26.5	29.0	30.0	28.0	29.0
13	26.0	28.4	25.1	26.2	23.6	24.2	28.0	26.0	28.5	31.0	28.5	29.0
14	25.0	25.5	24.4	24.9	22.5	23.3	28.0	26.0	28.5	30.0	28.0	28.5
15	25.2	28.0	24.7	26.1	23.2	24.3	28.0	26.0	28.5	30.5	28.0	28.5
16	26.2	27.5	25.4	26.4	23.9	25.1	28.0	26.5	28.5	32.0	30.0	29.5
17	27.0	25.6	25.9	24.9	24.6	23.3	29.0	27.0	29.5	32.0	29.5	30.0
18	27.0	29.8	25.4	25.4	23.3	21.6	29.0	26.5	29.0	32.0	30.0	30.0
19	26.4	30.5	25.1	25.9	23.3	22.5	28.0	26.8	29.0	32.0	30.0	30.0
20	27.0	30.2	24.9	25.3	22.5	21.3	28.0	26.5	29.5	34.5	30.5	30.0
21	26.0	29.8	24.9	25.6	23.2	22.0	28.0	26.5	30.0	32.0	30.0	30.5
22	26.2	31.0	24.9	24.9	23.1	20.1	33.0	27.0	29.8	32.0	30.4	30.5
23	26.0	31.0	24.4	24.4	22.0	18.9	28.0	26.5	30.0	32.0	31.0	31.0
24	26.2	28.0	24.8	24.5	22.7	23.2	28.6	26.8	30.0	30.0	28.0	30.0
25	27.0	28.8	25.4	24.8	23.3	21.1	28.8	26.6	29.5	30.0	28.6	29.8
26	25.6	30.6	24.4	25.0	22.3	20.7	27.0	25.7	29.0	32.0	30.6	30.5
27	27.0	31.6	24.8	25.5	22.1	20.8	28.0	26.6	29.8	32.0	30.5	30.2
28	26.8	31.4	24.6	25.2	23.9	20.3	28.0	27.5	30.0	32.2	30.6	30.3
29	26.6	30.5	25.0	25.8	22.8	22.1	28.5	27.2	30.5	32.6	31.8	31.6
30	26.5	31.0	25.0	25.2	22.8	20.4	28.6	27.5	30.6	32.0	32.0	31.5
31	24.9	29.5	24.7	25.9	21.5	23.1	28.0	27.0	30.2	32.0	30.0	30.5
Total	808.1	892.6	773.1	789.4	718.6	699.2	876.6	823.0	905.6	969.7	910.2	927.0
Mean	26.1	28.8	24.9	25.5	23.2	22.6	28.3	26.5	29.2	31.3	29.4	29.9
S.D.	0.6	1.9	0.4	0.7	0.8	1.7	1.0	0.5	0.7	1.2	1.3	0.9
C.V.%	2.4	6.4	1.5	2.8	3.6	7.6	3.5	1.9	2.4	4.0	4.5	3.0
Highest	27.0	31.6	25.9	28.1	25.8	27.7	33.0	27.5	30.6	34.5	32.0	31.6
Lowest	24.8	25.2	24.4	24.4	21.5	18.9	27.0	25.5	28.0	28.5	27.0	28.0

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Date	Temperature (°C)				RH. %			W.D.		W.S.	B.S.S	EVAPO	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(kmph)	(hrs)	(mm)	(mm)
1	30.6	24.1	27.4	6.5	86	84	85	23	23	02.0	00.9	02.3	002.0
2	31.4	24.0	27.7	7.4	89	97	93	14	32	03.5	02.6	02.9	000.0
3	31.0	24.0	27.5	7.0	93	62	78	18	25	03.1	03.3	03.0	000.0
4	31.5	24.2	27.9	7.3	93	55	74	14	25	04.2	03.0	03.7	000.0
5	32.0	24.5	28.3	7.5	95	57	76	18	25	05.1	06.2	06.0	000.0
6	32.5	24.4	28.5	8.1	85	50	68	23	23	05.7	08.3	05.0	000.0
7	33.3	24.5	28.9	8.8	87	52	70	23	27	07.4	09.1	06.6	000.0
8	33.2	24.0	28.6	9.2	84	60	72	32	34	04.3	06.8	05.8	000.0
9	32.5	23.6	28.1	8.9	84	54	69	32	34	02.6	08.3	04.7	000.0
10	33.6	24.5	29.1	9.1	81	53	67	34	32	03.2	08.8	05.0	000.0
11	34.2	25.0	29.6	9.2	80	67	74	02	23	02.3	08.0	04.2	000.0
12	34.2	24.1	29.2	10.1	82	65	74	34	05	01.8	05.9	05.7	020.4
13	33.0	25.5	29.3	7.5	83	69	76	02	32	02.8	04.0	03.9	000.0
14	34.2	23.8	29.0	10.4	83	63	73	34	32	03.9	06.1	04.8	047.0
15	34.2	26.2	30.2	8.0	83	62	73	02	32	02.6	08.2	03.0	000.0
16	34.8	25.5	30.2	9.3	89	62	76	27	32	02.7	08.2	07.3	000.0
17	33.5	24.7	29.1	8.8	80	61	71	34	32	02.9	05.9	04.9	000.0
18	33.8	25.5	29.7	8.3	80	65	73	05	32	03.2	07.1	03.8	000.0
19	33.7	25.4	29.6	8.3	89	56	73	34	34	04.1	09.3	04.7	000.0
20	34.8	25.6	30.2	9.2	84	55	70	05	25	04.4	08.8	05.6	000.0
21	35.0	25.6	30.3	9.4	84	63	74	29	29	04.2	08.9	05.8	000.0
22	33.5	25.0	29.3	8.5	88	78	83	14	29	04.6	04.4	04.6	000.0
23	34.5	26.0	30.3	8.5	97	95	96	32	25	06.0	00.0	01.5	019.4
24	27.0	25.2	26.1	1.8	98	82	90	27	27	03.1	00.0	00.2	050.4
25	29.0	24.4	26.7	4.6	96	95	96	29	29	04.6	00.0	00.9	039.2
26	27.3	24.0	25.7	3.3	100	96	98	23	23	09.3	00.0	01.7	071.4
27	26.8	25.0	25.9	1.8	98	92	95	29	23	08.5	00.0	00.2	085.0
28	28.8	26.5	27.7	2.3	95	89	92	14	25	04.1	00.4	02.1	002.2
29	30.8	26.2	28.5	4.6	95	69	82	23	25	07.2	07.0	05.0	000.0
30	31.2	26.0	28.6	5.2	95	77	86	25	23	04.2	07.1	03.8	000.0
Total	965.9	747.0	856.5	218.9	2656	2085	2370.5			127.6	156.6	118.7	337.0
Mean	32.2	24.9	28.5	7.3	88.5	69.5	79.0			4.3	5.2	4.0	11.2
S.D.	2.4	0.8	1.3	2.5	6.3	15.0	9.8			1.9	3.4	1.9	23.2
C.V.%	7.4	3.3	4.6	33.6	7.1	21.6	12.4			43.8	64.3	46.8	206.6
High.	35.0	26.5	30.3	10.4	100.0	97.0	98.0			9.3	9.3	7.3	85.0
Low.	26.8	23.6	25.7	1.8	80.0	50.0	67.0			1.8	0.0	0.2	0.0
Mode	34.2	24.0	28.6	7.5	95.0	62.0	73.5			4.2	0.0	5.0	0.0

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Date	D.B. (°C)		W.B. (°C)		V.P. (mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	26.8	30.5	25.0	28.1	22.7	27.4	28.8	27.2	30.0	32.0	32.0	31.5
2	26.4	29.5	25.0	28.9	22.9	29.9	28.0	27.5	30.0	32.5	31.0	31.0
3	26.1	30.8	25.3	25.5	23.6	20.9	28.0	26.5	30.0	32.0	31.5	31.0
4	26.4	32.4	25.6	25.4	24.2	20.1	28.0	27.0	30.0	32.5	27.0	31.5
5	26.2	32.0	25.7	25.4	24.2	20.3	28.0	27.0	30.5	33.0	32.0	31.5
6	26.2	33.0	24.5	25.0	21.9	18.9	28.0	26.5	30.2	34.0	33.0	31.8
7	27.9	31.5	26.1	25.0	24.1	19.2	28.5	27.9	30.6	33.4	33.5	32.0
8	26.0	31.0	24.0	25.0	21.2	20.1	27.5	26.9	30.6	35.0	33.9	32.0
9	26.6	32.2	24.5	25.0	22.0	19.3	29.5	27.6	30.8	36.5	35.5	33.5
10	27.0	33.4	24.5	26.0	21.7	20.7	29.0	28.0	31.0	32.5	32.5	33.0
11	27.0	33.0	24.5	28.0	21.3	25.2	32.0	28.5	30.2	32.5	26.0	28.0
12	25.5	32.2	23.5	27.0	20.2	23.5	28.0	27.5	31.0	31.4	28.2	32.0
13	28.2	32.6	26.0	28.0	23.9	25.5	29.4	28.2	30.8	32.5	28.8	32.0
14	27.5	34.0	25.2	28.2	22.7	25.1	29.0	27.5	31.0	36.0	34.5	33.0
15	28.0	34.0	25.9	28.0	23.6	24.6	30.0	28.5	32.0	34.0	35.0	33.5
16	27.2	34.0	25.9	27.2	24.1	23.3	29.8	32.5	26.5	36.0	34.5	33.4
17	28.0	33.0	25.4	27.0	22.8	23.2	29.0	28.0	31.0	36.5	34.5	33.2
18	27.4	33.2	24.8	27.0	21.9	23.5	29.5	28.0	32.0	36.5	34.0	33.2
19	26.5	34.0	25.0	27.0	22.9	22.4	29.0	28.0	32.0	36.5	34.5	33.5
20	26.5	35.0	24.6	27.5	22.0	23.1	29.2	28.0	31.0	36.3	34.5	33.5
21	27.0	32.5	25.0	27.0	22.6	23.3	29.0	28.0	32.0	34.0	28.5	33.0
22	26.0	29.0	24.6	26.0	22.4	23.3	29.0	28.0	31.0	30.8	29.0	31.5
23	26.0	26.2	25.5	25.6	24.3	24.2	28.5	27.0	30.0	29.5	27.5	29.5
24	25.8	28.3	25.5	26.0	24.5	23.8	28.0	26.5	29.0	30.5	28.0	29.5
25	25.0	26.5	24.5	26.0	22.9	24.8	28.0	26.0	29.0	28.5	26.0	28.8
26	26.0	25.2	26.0	24.8	25.5	23.2	28.0	26.0	28.8	28.0	26.0	28.8
27	25.0	28.0	24.8	27.0	23.3	26.6	27.0	26.0	28.0	30.0	27.5	28.5
28	26.5	30.0	26.0	28.6	24.8	28.4	28.4	28.3	26.0	32.0	29.5	29.5
29	26.4	30.5	25.8	26.2	25.5	22.8	28.4	29.5	29.5	32.5	29.0	30.0
30	26.6	30.6	26.0	27.4	24.8	25.4	29.0	27.5	30.0	34.0	31.5	31.0
Total	797.7	938.1	754.7	798.8	694.5	702.0	861.5	829.6	904.5	991.4	928.9	944.2
Mean	26.6	31.3	25.2	26.6	23.2	23.4	28.7	27.7	30.2	33.0	31.0	31.5
S.D.	0.8	2.5	0.7	1.2	1.3	2.7	0.9	1.2	1.4	2.4	3.1	1.7
C.V.%	3.1	8.1	2.7	4.6	5.7	11.6	3.3	4.5	4.8	7.3	10.1	5.4
Highest	28.2	35.0	26.1	28.9	25.5	29.9	32.0	32.5	32.0	36.5	35.5	33.5
Lowest	25.0	25.2	23.5	24.8	20.2	18.9	27.0	26.0	26.0	28.0	26.0	28.0

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Date	Temperature (°C)				RH. %			W.D.		W.S.	B.S.S	EVAPO	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(kmph)	(hrs.)	(mm)	(mm)
1	31.3	25.0	28.2	6.3	95	93	94.0	27	32	3.0	6.6	03.5	000.0
2	29.5	24.8	27.2	4.7	97	69	83.0	05	05	3.7	0.8	00.5	070.0
3	33.0	26.2	29.6	6.8	92	67	79.5	36	34	0.4	7.5	02.0	000.0
4	33.8	25.2	29.5	8.6	90	80	85.0	16	23	1.0	8.4	03.2	008.4
5	34.0	25.0	29.5	9.0	90	57	73.5	05	32	1.4	6.0	03.4	011.4
6	33.0	25.0	29.0	8.0	92	60	76.0	32	02	1.7	9.0	02.3	000.0
7	32.0	24.5	28.3	7.5	81	61	71.0	05	29	2.0	7.7	04.0	000.0
8	32.0	26.5	29.3	5.5	84	60	72.0	07	05	0.9	8.0	05.1	000.0
9	31.2	25.2	28.2	6.0	89	71	80.0	29	05	0.7	2.6	02.8	000.0
10	31.6	25.0	28.3	6.6	87	63	75.0	20	14	1.3	5.0	02.0	000.0
11	32.5	26.5	29.5	6.0	81	71	76.0	18	23	2.9	4.8	02.0	000.0
12	32.6	25.4	29.0	7.2	87	67	77.0	09	36	1.8	6.5	03.6	000.0
13	34.5	25.7	30.1	8.8	90	56	73.0	25	36	1.0	6.0	03.0	000.0
14	33.6	24.6	29.1	9.0	83	54	68.5	29	34	2.3	7.2	03.2	000.0
15	34.0	25.4	29.7	8.6	89	53	71.0	36	32	01.0	08.7	04.3	000.0
16	34.2	24.5	29.4	9.7	90	52	71.0	02	05	02.0	06.1	03.4	000.0
17	34.0	24.5	29.3	9.5	85	45	65.0	36	07	03.7	08.8	04.5	000.0
18	34.0	24.6	29.3	9.4	95	40	67.5	25	05	03.7	08.8	04.7	000.0
19	36.2	24.0	30.1	12.2	87	32	59.5	23	32	01.0	08.2	03.7	000.0
20	36.5	24.5	30.5	12.0	78	34	56.0	14	16	01.9	09.3	06.0	000.0
21	36.0	22.2	29.1	13.8	87	28	57.5	16	05	03.3	09.4	06.0	000.0
22	35.4	22.5	29.0	12.9	83	33	58.0	36	05	04.0	09.1	06.2	000.0
23	35.5	19.0	27.3	16.5	91	22	56.5	36	05	03.0	09.3	03.4	000.0
24	35.5	19.5	27.5	16.0	85	24	54.5	34	05	03.5	09.8	05.6	000.0
25	35.0	19.4	27.2	15.6	74	38	56.0	14	05	03.5	09.5	05.0	000.0
26	34.5	23.5	29.0	11.0	62	40	51.0	32	09	04.5	09.8	05.4	000.0
27	35.8	21.2	28.5	14.6	83	37	60.0	27	05	02.9	09.7	04.6	000.0
28	35.0	19.0	27.0	16.0	73	31	52.0	36	05	02.1	09.9	05.4	000.0
29	34.5	19.0	26.8	15.5	79	25	52.0	14	23	02.0	09.2	04.3	000.0
30	34.7	21.0	27.9	13.7	79	31	55.0	32	32	02.5	09.3	04.6	000.0
31	33.5	18.5	26.0	15.0	72	41	56.5	23	20	2.9	09.8	05.4	000.0
Total	1048.9	726.9	887.9	322.0	2630	1535	2082.5			71.6	240.8	123.1	89.8
Mean	33.8	23.4	28.6	10.4	84.8	49.5	67.2			2.3	7.8	4.0	
S.D.	1.7	2.5	1.1	3.7	7.6	18.2	11.3			1.1	2.2	1.4	
C.V.%	4.9	10.8	3.9	35.4	9.0	36.8	16.9			48.3	28.4	34.9	
High.	36.5	26.5	30.5	16.5	97.0	93.0	94.0			4.5	9.9	6.2	
Low.	29.5	18.5	26.0	4.7	62.0	22.0	51.0			0.4	0.8	0.5	
Mode	34	25	29.5	9	90	67	71			1	9.3	2	

October-2013												
Date	D.B. (°C)		W.B. (°C)		V.P. (mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	26.0	24.5	25.5	23.8	23.9	21.9	29.0	27.5	30.5	28.8	27.5	30.0
2	26.0	32.6	25.5	28.0	24.3	25.5	28.0	26.5	29.0	32.5	32.5	30.2
3	27.0	33.5	26.0	28.6	24.6	26.3	29.5	27.5	30.2	36.5	33.0	31.5
4	27.8	27.6	26.5	25.0	25.4	22.1	29.5	28.0	31.0	36.2	33.3	31.8
5	26.8	32.6	25.5	26.0	23.9	21.2	28.0	26.6	30.0	35.5	32.5	31.2
6	26.5	32.5	25.6	26.4	24.1	23.7	27.8	27.4	30.5	36.0	32.0	32.5
7	26.8	31.4	24.4	25.5	21.5	21.1	28.0	27.0	30.4	35.5	33.0	32.6
8	27.0	32.0	25.0	26.0	22.5	21.5	29.5	27.0	31.0	35.5	33.0	32.6
9	26.4	30.0	25.0	26.0	22.9	22.8	28.0	27.5	31.0	34.0	32.5	31.8
10	26.6	32.0	25.0	26.4	22.8	22.4	29.0	27.5	30.8	36.5	33.5	32.0
11	27.5	30.5	25.0	26.4	22.2	23.3	29.1	27.7	31.0	34.0	33.0	32.5
12	27.0	31.6	25.5	26.9	23.5	23.5	28.6	27.0	30.5	36.4	34.2	32.0
13	26.8	33.0	25.6	26.2	23.9	20.1	29.0	27.5	31.0	36.0	34.0	32.5
14	26.4	33.2	25.7	26.0	24.3	20.7	28.8	27.6	31.5	35.5	29.0	32.5
15	26.5	33.5	25.2	26.0	23.2	20.6	29.0	27.8	31.5	35.5	29.0	31.0
16	25.2	34.0	24.0	26.2	21.6	20.7	28.5	26.5	31.2	35.0	29.5	31.5
17	25.5	33.5	23.8	24.5	20.9	17.7	28.0	27.0	31.0	37.0	33.5	32.5
18	26.0	35.5	25.4	25.0	23.9	17.2	27.5	27.0	31.0	38.2	35.0	32.5
19	25.2	36.0	23.5	23.5	20.8	14.3	28.5	27.4	31.5	38.0	34.5	32.8
20	26.0	36.0	23.2	24.0	19.6	15.0	28.5	27.4	31.5	37.5	32.0	31.5
21	24.5	35.0	23.0	22.0	20.1	11.8	27.0	26.8	31.0	37.0	34.0	32.5
22	23.0	35.0	21.0	23.0	17.4	13.6	27.0	26.0	30.6	31.0	33.5	32.0
23	24.6	35.0	23.6	20.5	21.2	09.4	25.5	24.8	30.0	36.5	33.0	31.5
24	26.2	34.8	24.4	21.0	21.9	10.3	24.8	24.2	29.5	36.0	31.5	30.5
25	22.5	34.0	19.6	23.4	15.3	15.1	25.4	24.6	29.5	36.5	33.5	31.0
26	27.0	35.8	21.0	25.2	15.6	17.5	27.0	26.0	29.8	38.5	34.0	31.5
27	23.0	35.2	21.0	24.2	17.4	15.9	27.2	26.5	30.5	37.0	34.5	32.0
28	22.8	34.0	19.5	22.0	15.2	12.5	26.5	26.0	30.4	38.0	35.0	31.8
29	22.0	34.6	19.5	21.0	15.7	10.3	26.8	25.5	30.4	39.0	35.5	32.8
30	22.0	32.5	19.6	22.2	15.7	13.7	27.0	26.5	30.5	39.8	35.5	32.0
31	23.5	31.4	20.2	22.0	15.7	14.1	27.5	26.5	30.4	37.5	34.0	31.5
Total	790.1	1022.8	733.3	762.9	651.0	565.8	863.5	828.8	948.7	1116.9	1020.5	986.6
Mean	25.5	33.0	23.7	24.6	21.0	18.3	27.9	26.7	30.6	36.0	32.9	31.8
S.D.	1.7	2.5	2.3	2.1	3.3	4.8	1.2	1.0	0.6	2.2	1.9	0.7
C.V.%	6.8	7.5	9.6	8.6	15.8	26.4	4.4	3.6	2.0	6.2	5.8	2.3
Highest	27.8	36.0	26.5	28.6	25.4	26.3	29.5	28.0	31.5	39.8	35.5	32.8
Lowest	22.0	24.5	19.5	20.5	15.2	9.4	24.8	24.2	29.0	28.8	27.5	30.0

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Date	Temperature (°C)				RH. %			WD		W.S.	B.S.S	EVAP0	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(kmph)	(hrs.)	(mm)	(mm)
1	33.5	18.0	25.8	15.5	82	38	60.0	23	05	03.1	09.2	05.4	000.0
2	33.4	18.5	26.0	14.9	75	35	55.0	23	02	02.5	09.7	03.1	000.0
3	34.0	19.5	26.8	14.5	79	36	57.5	20	07	02.5	09.4	04.0	000.0
4	35.0	18.5	26.8	16.5	81	35	58.0	23	07	02.2	09.6	04.7	000.0
5	35.0	19.5	27.3	15.5	78	29	53.5	18	07	01.3	09.3	03.6	000.0
6	35.5	21.7	28.6	13.8	74	31	52.5	18	07	02.0	09.1	04.2	000.0
7	34.6	19.0	26.8	15.6	76	38	57.0	32	20	02.9	09.2	05.4	000.0
8	33.2	18.5	25.9	14.7	74	35	54.5	34	00	03.1	09.7	05.2	000.0
9	32.6	23.0	27.8	9.6	53	31	42.0	05	02	04.8	08.4	05.7	000.0
10	31.2	17.5	24.4	13.7	54	35	44.5	05	02	06.2	08.8	06.1	000.0
11	32.0	18.0	25.0	14.0	67	37	52.0	00	36	05.4	08.7	06.2	000.0
12	31.5	15.0	23.3	16.5	66	37	51.5	16	14	04.8	08.8	05.8	000.0
13	30.5	15.0	22.8	15.5	71	36	53.5	14	07	02.4	08.7	04.4	000.0
14	32.0	16.0	24.0	16.0	77	35	56.0	14	16	02.7	09.0	04.3	000.0
15	31.5	14.8	23.2	16.7	78	42	60.0	14	05	03.3	09.1	04.6	000.0
16	32.2	19.0	25.6	13.2	59	35	47.0	27	05	03.1	08.0	04.6	000.0
17	31.5	18.0	24.8	13.5	44	36	40.0	25	23	04.3	08.9	05.2	000.0
18	31.4	14.5	23.0	16.9	74	33	53.5	16	05	03.7	09.1	05.0	000.0
19	33.5	15.2	24.4	18.3	67	36	51.5	23	27	02.8	09.2	05.0	000.0
20	33.0	14.0	23.5	19.0	87	23	55.0	05	02	03.3	09.2	04.9	000.0
21	31.5	13.5	22.5	18.0	74	25	49.5	05	07	03.4	09.4	05.5	000.0
22	32.0	13.5	22.8	18.5	77	32	54.5	14	05	02.6	09.5	04.0	000.0
23	33.2	16.5	24.9	16.7	72	31	51.5	11	34	02.4	09.0	04.6	000.0
24	33.5	16.4	25.0	17.1	82	38	60.0	00	02	02.3	09.5	03.9	000.0
25	33.6	16.6	25.1	17.0	83	35	59.0	00	36	02.0	09.0	04.1	000.0
26	32.5	19.5	26.0	13.0	66	36	51.0	36	02	05.2	08.3	05.5	000.0
27	32.6	18.6	25.6	14.0	51	36	43.5	07	02	04.2	08.6	05.1	000.0
28	32.0	18.1	25.1	13.9	73	27	50.0	00	02	04.8	07.1	05.4	000.0
29	34.0	19.1	26.6	14.9	52	27	39.5	05	07	03.8	09.5	05.6	000.0
30	33.5	23.0	28.3	10.5	38	30	34.0	05	34	05.0	09.1	06.4	000.0
Total	985.5	528.0	756.8	457.5	2084	1010	1547.0			102.1	270.1	147.5	0.0
Mean	32.9	17.6	25.2	15.3	69.5	33.7	51.6			3.4	9.0	4.9	
S.D.	1.3	2.5	1.7	2.2	12.3	4.3	6.6			1.2	0.5	0.8	
C.V.%	3.8	14.4	6.7	14.2	17.7	12.7	12.8			35.3	6.0	16.3	
High.	35.5	23.0	28.6	19.0	87.0	42.0	60.0			6.2	9.7	6.4	
Low.	30.5	13.5	22.5	9.6	38.0	23.0	34.0			1.3	7.1	3.1	
Mode	34	18	27	16	74	35	60			3.1	9.2	5.4	

November-2013												
Date	D.B. (°C)		W.B. (°C)		V.P. (mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	22.0	33.0	20.0	22.5	16.3	14.2	27.6	26.5	30.5	40.2	35.6	32.0
2	23.0	33.2	20.0	22.6	15.7	14.1	27.0	26.6	30.7	38.7	35.8	32.0
3	22.8	34.0	20.4	23.0	16.5	14.3	27.4	26.5	30.0	38.5	37.5	32.8
4	23.0	34.2	20.8	23.1	17.1	13.9	27.5	26.8	30.5	40.0	36.0	32.0
5	23.8	34.8	21.2	22.0	17.3	12.0	28.0	27.5	31.0	40.5	36.5	33.5
6	24.0	34.4	20.8	22.2	16.5	12.5	28.5	27.5	31.5	38.8	36.7	33.4
7	25.0	32.5	22.0	22.2	18.0	13.7	29.0	27.6	31.2	38.2	36.5	33.0
8	22.5	32.0	19.4	21.0	15.0	11.9	27.6	26.7	31.0	38.0	35.4	32.4
9	24.6	30.0	18.6	19.0	12.4	09.8	27.5	26.8	30.8	37.0	34.6	32.0
10	24.2	30.4	18.4	20.2	12.2	11.5	27.0	26.2	30.0	38.0	35.6	32.4
11	19.6	31.0	16.0	21.0	11.5	12.6	26.6	26.0	30.3	38.5	34.0	31.5
12	19.0	30.5	15.4	20.5	10.9	12.1	25.0	24.5	29.5	37.0	35.4	31.5
13	18.5	30.6	15.5	20.4	11.5	11.8	24.6	24.0	29.0	37.5	33.0	30.5
14	19.0	30.4	16.5	20.2	12.7	11.5	24.8	24.9	29.0	37.0	35.6	31.0
15	18.2	31.4	16.0	22.2	12.3	14.9	24.5	23.8	28.8	37.0	33.0	30.2
16	21.4	30.4	16.6	20.2	11.2	11.4	25.5	24.8	29.2	37.5	34.0	30.5
17	22.5	30.8	15.5	20.8	09.0	12.3	24.5	23.8	28.5	36.0	33.5	28.2
18	19.2	33.4	16.4	22.0	12.3	12.9	23.8	22.2	28.5	37.5	33.0	30.0
19	19.6	32.2	16.0	21.6	11.5	12.9	24.4	23.8	28.6	38.0	33.5	30.2
20	15.6	30.8	14.4	18.0	11.6	07.7	23.2	23.0	28.5	36.8	33.4	29.5
21	16.8	31.0	14.2	18.5	10.6	08.5	23.0	22.8	28.0	36.0	32.5	28.5
22	18.4	32.6	16.0	21.2	12.1	11.9	23.4	23.0	28.0	36.6	31.5	29.0
23	19.6	32.6	16.5	21.0	12.4	11.5	24.4	23.8	28.4	37.4	32.5	29.0
24	21.0	32.0	19.0	22.0	15.3	13.7	25.5	24.5	28.6	37.5	33.6	30.4
25	20.0	32.0	18.2	21.4	14.5	12.6	25.4	24.8	28.8	36.8	32.8	29.8
26	22.5	32.2	18.4	21.6	13.4	12.9	26.6	25.6	29.7	37.2	33.6	30.8
27	22.5	31.6	16.4	21.2	10.3	13.0	26.4	26.7	29.6	36.6	32.5	30.7
28	21.0	33.2	18.0	21.4	13.6	11.9	26.0	25.0	29.7	38.6	34.2	30.8
29	23.0	31.2	17.2	19.4	10.9	09.4	26.0	25.5	29.5	38.0	34.0	31.0
30	25.8	31.7	17.2	20.0	09.5	10.5	26.5	26.6	29.7	38.0	34.5	31.0
Total	638.1	960.1	531.0	632.4	394.1	363.9	777.2	757.8	887.1	1133.4	1030.3	929.6
Mean	21.3	32.0	17.7	21.1	13.1	12.1	25.9	25.3	29.6	37.8	34.3	31.0
S.D.	2.5	1.3	2.1	1.3	2.5	1.7	1.6	1.6	1.0	1.1	1.5	1.4
C.V.%	12.0	4.2	12.1	6.0	19.0	13.9	6.3	6.2	3.4	3.0	4.4	4.5
Highest	25.8	34.8	22.0	23.1	18.0	14.9	29.0	27.6	31.5	40.5	37.5	33.5
Lowest	15.6	30.0	14.2	18.0	9.0	7.7	23.0	22.2	28.0	36.0	31.5	28.2

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Date	Temperature (°C)				RH. %			WD		W.S.	B.S.S	EVAPO	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(kmph)	(hrs.)	(mm)	(mm)
1	32.6	14.6	23.6	18.0	63	38	51	14	34	03.2	09.6	05.5	000.0
2	32.3	18.4	25.4	13.9	61	46	54	34	36	04.2	08.8	05.7	000.0
3	32.0	14.5	23.3	17.5	79	26	53	02	36	03.7	07.0	04.1	000.0
4	30.6	11.6	21.1	19.0	74	43	59	00	36	03.5	09.6	04.6	000.0
5	33.0	17.0	25.0	16.0	61	31	46	00	02	03.4	09.3	04.0	000.0
6	32.5	14.0	23.3	18.5	79	29	54	05	34	03.8	09.8	05.0	000.0
7	31.0	14.1	22.6	16.9	81	29	55	00	34	02.5	09.3	04.1	000.0
8	31.5	13.9	22.7	17.6	77	47	62	02	34	02.7	09.2	03.6	000.0
9	29.8	12.6	21.2	17.2	89	29	59	25	02	03.9	09.3	04.9	000.0
10	30.0	12.0	21.0	18.0	78	29	54	16	29	03.3	09.4	03.0	000.0
11	31.5	12.6	22.1	18.9	82	28	55	14	34	02.3	09.4	04.0	000.0
12	30.0	12.0	21.0	18.0	84	26	55	16	05	02.8	09.4	03.8	000.0
13	30.5	11.5	21.0	19.0	77	24	51	34	05	03.0	09.6	03.8	000.0
14	30.6	11.2	20.9	19.4	84	33	59	02	05	02.3	09.6	03.7	000.0
15	30.5	10.5	20.5	20.0	85	36	61	34	32	02.3	09.6	03.2	000.0
16	29.2	12.5	20.9	16.7	86	41	64	05	34	02.7	09.6	03.5	000.0
17	28.6	12.5	20.6	16.1	84	33	59	20	34	03.7	09.2	04.0	000.0
18	28.5	13.5	21.0	15.0	79	37	58	00	34	03.2	09.1	03.7	000.0
19	29.6	14.8	22.2	14.8	91	30	61	00	34	03.2	09.4	03.4	000.0
20	30.0	12.0	21.0	18.0	86	23	55	00	26	02.9	08.2	03.5	000.0
21	29.8	11.4	20.6	18.4	81	19	50	00	20	02.4	08.2	03.4	000.0
22	28.0	10.4	19.2	17.6	78	25	52	00	20	02.8	09.4	03.8	000.0
23	28.0	14.5	21.3	13.5	60	24	42	16	05	05.6	08.9	05.6	000.0
24	29.0	14.8	21.9	14.2	64	27	46	00	16	08.2	08.9	06.0	000.0
25	26.7	15.5	21.1	11.2	49	43	46	14	36	09.3	06.5	05.8	000.0
26	28.2	13.5	20.9	14.7	74	44	59	00	34	07.2	06.4	06.2	000.0
27	28.0	15.5	21.8	12.5	41	28	35	14	29	07.7	07.0	05.6	000.0
28	26.0	10.8	18.4	15.2	57	17	37	14	36	08.6	09.7	05.4	000.0
29	25.5	7.5	16.5	18.0	59	26	43	16	36	05.9	09.3	05.8	000.0
30	27.0	15.0	21.0	12.0	39	29	34	14	36	07.2	09.0	06.2	000.0
31	25.5	13.5	19.5	12.0	16	19	18	05	11	08.7	08.2	06.4	00.0
Total	916.0	408.2	662.1	507.8	2198	959	1578.5			136.2	275.9	141.3	0.0
Mean	29.5	13.2	21.4	16.4	70.9	30.9	50.9			4.4	8.9	4.6	
S.D.	2.1	2.2	1.7	2.4	17.1	8.1	10.0			2.2	1.0	1.1	
C.V.%	7.0	16.4	8.1	14.9	24.1	26.2	19.6			50.9	10.7	23.4	
High.	33.0	18.4	25.4	20.0	91.0	47.0	63.5			9.3	9.8	6.2	
Low.	25.5	7.5	16.5	11.2	16.0	17.0	34.0			2.3	6.4	3.0	
Mode	30	12	21	18	79	29	58.5			3.2	9.6	4	

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Date	D.B. (°C)		W.B. (°C)		V.P. (mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	20.8	31.6	16.5	22.0	11.5	13.7	24.5	23.4	29.0	37.0	33.5	30.0
2	21.6	32.0	17.0	23.0	11.5	15.9	26.0	25.5	29.0	36.5	32.0	29.2
3	17.5	30.0	15.7	18.0	11.9	08.2	24.6	24.2	28.8	36.4	32.4	29.6
4	15.5	31.6	13.0	22.5	09.7	14.9	22.4	23.6	28.0	35.6	31.8	29.0
5	20.5	31.6	16.0	20.2	10.9	10.8	25.0	24.6	28.7	37.4	33.5	29.8
6	17.5	30.5	15.4	19.0	11.8	09.5	24.6	24.0	28.6	36.5	32.0	29.6
7	17.5	30.5	15.6	19.0	12.1	09.5	23.8	23.6	28.4	36.5	32.0	29.6
8	21.0	29.4	18.4	21.6	14.3	14.5	23.0	22.5	27.0	37.5	32.5	29.0
9	15.0	29.8	14.0	18.6	11.4	09.3	23.0	22.5	27.5	36.5	30.7	28.5
10	15.0	31.0	13.0	19.4	10.0	09.8	22.2	22.0	27.0	36.5	31.0	28.5
11	15.2	29.4	13.6	18.0	10.7	08.5	22.0	22.4	27.0	35.8	30.5	28.2
12	14.0	30.0	12.5	18.0	10.1	08.2	22.0	22.0	26.8	35.5	30.2	27.8
13	13.4	30.0	11.4	17.6	08.9	07.6	21.8	22.0	26.6	35.5	30.4	27.6
14	13.0	28.0	11.6	18.0	09.4	09.4	21.6	21.4	26.5	34.0	29.0	27.0
15	12.2	28.2	11.0	18.6	09.1	10.3	21.0	21.2	26.0	34.5	29.8	27.4
16	18.8	28.0	17.4	19.4	14.1	11.7	22.0	22.0	26.4	35.5	29.8	27.5
17	14.6	28.0	13.2	18.0	10.5	09.4	22.0	22.0	26.6	36.5	29.8	27.4
18	16.0	29.2	14.0	19.6	10.8	11.2	22.0	21.8	26.4	35.5	30.0	28.0
19	16.0	29.6	15.2	18.6	12.5	09.4	23.8	23.6	26.6	36.4	30.4	28.6
20	13.6	29.8	12.4	17.2	10.9	07.1	22.0	22.0	26.5	36.5	30.6	27.5
21	13.0	27.4	11.4	15.0	09.9	05.3	21.8	21.5	26.2	34.0	29.5	27.0
22	11.4	28.2	9.6	16.6	07.9	07.1	20.4	20.5	25.6	35.0	30.5	27.2
23	15.0	28.6	11.2	16.6	07.7	06.9	22.0	22.0	25.8	36.5	29.2	27.0
24	15.0	28.2	11.6	17.0	08.3	07.7	22.4	22.2	26.0	35.0	28.2	26.5
25	18.6	27.4	13.0	19.4	07.9	11.9	22.5	22.0	25.8	35.5	28.5	26.8
26	15.0	27.6	12.6	19.6	09.5	12.2	22.2	21.6	25.6	36.5	28.4	26.5
27	16.6	25.6	10.4	15.4	05.7	07.0	21.8	21.5	25.6	35.0	28.0	25.5
28	13.4	24.5	9.5	12.6	06.5	03.7	19.8	20.0	25.0	32.0	28.6	25.8
29	12.6	26.5	9.0	15.6	06.5	06.7	19.0	19.5	24.2	32.0	27.8	25.5
30	17.3	24.8	10.5	15.0	05.5	06.8	20.8	21.0	24.8	31.4	27.2	25.6
31	16.0	23.2	7.0	12.2	02.1	04.0	19.8	20.5	24.3	30.5	26.2	25.0
Total	492.6	890.2	402.7	561.3	299.6	288.2	691.8	688.6	826.3	1095.5	934.0	858.2
Mean	15.9	28.7	13.0	18.1	9.7	9.3	22.3	22.2	26.7	35.3	30.1	27.7
S.D.	2.7	2.2	2.7	2.5	2.6	3.0	1.6	1.3	1.3	1.8	1.8	1.4
C.V.%	17.0	7.6	20.8	14.0	27.0	32.1	7.1	6.1	5.0	5.0	6.0	5.1
Highest	21.6	32.0	18.4	23.0	14.3	15.9	26.0	25.5	29.0	37.5	33.5	30.0
Lowest	11.4	23.2	7.0	12.2	2.1	3.7	19.0	19.5	24.2	30.5	26.2	25.0

APPENDIX - 2

The Standard Meteorological periods and weeks.					
Period No.	Week No.	Dates	Period No.	Week No.	Dates
I	01-Jan	1--7	VII	27-Jul	2--8
	2	8--14		28	9--15
	3	15--21		29	16--22
	4	22--28		30	23--29
	5	29--4		31	30--5
II	06-Feb	5--11	VIII	32-Aug	6--12
	7	12--18		33	13--19
	8	19--25		34	20--26
	9	26--4*		35	27--2
III	10-Mar	5--11	IX	36-Sep	3--9
	11	12--18		37	10--16
	12	19--25		38	17--23
	13	26--1		39	24--30
IV	14-Apr	2--8	X	40-Oct	1--7
	15	9--15		41	8--14
	16	16--22		42	15--21
	17	23--29		43	22--28
	18	30--6		44	29--4
V	19-May	7--13	XI	45-Nov	5--11
	20	14--20		46	12--18
	21	21--27		47	19--25
	22	28--3		48	26--2
VI	23-Jun	4--10	XII	49-Dec	3--9
	24	11--17		50	10--16
	25	18--24		51	17--23
	26	25--1		52	24--31

* In Leap year the week No.9 will have eight days i.e. from 26 February to 4 March.

" 52nd week will have 8 days, 24 to 31 December