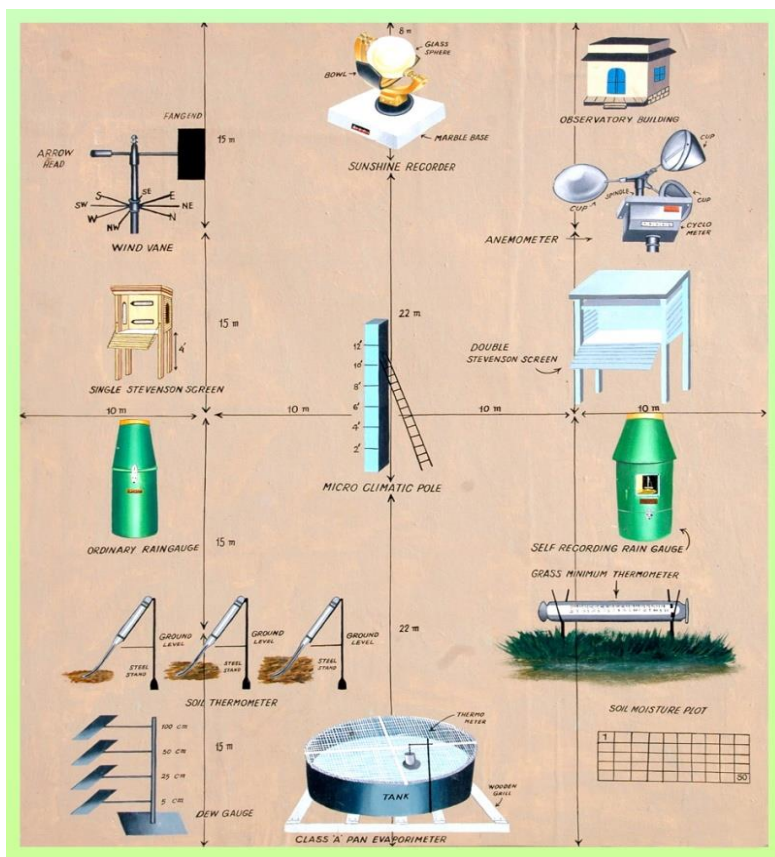


## Annual Weather Report - 2014



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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 30 years (1985-2014) 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 1<sup>st</sup> January 2014 to 31<sup>st</sup> December 2014 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 30 years (1985-2014) 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 1271.5 mm was received in 40 rainy days. Whereas, monsoon rainfall of 1217.3 mm was received in 36 rainy days during the year 2014. The rain commenced from 13<sup>th</sup> June at normal onset of monsoon and withdrew from 2<sup>nd</sup> October.

### 2. Maximum temperature

The highest maximum temperature of 43.6 °C was recorded on 08<sup>th</sup> May-2014

### 3. Minimum Temperature

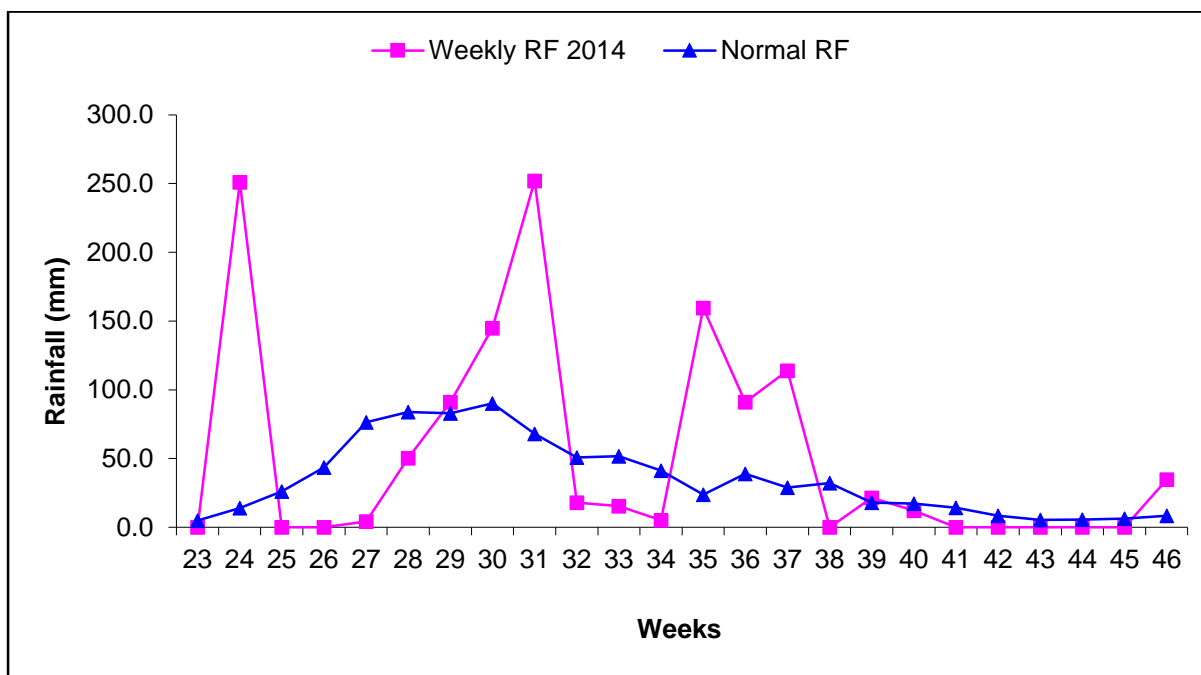
The lowest minimum temperature of 6.5 °C was recorded on 21<sup>st</sup> Decmber-2014.

### Summary of weather parameter during 2014

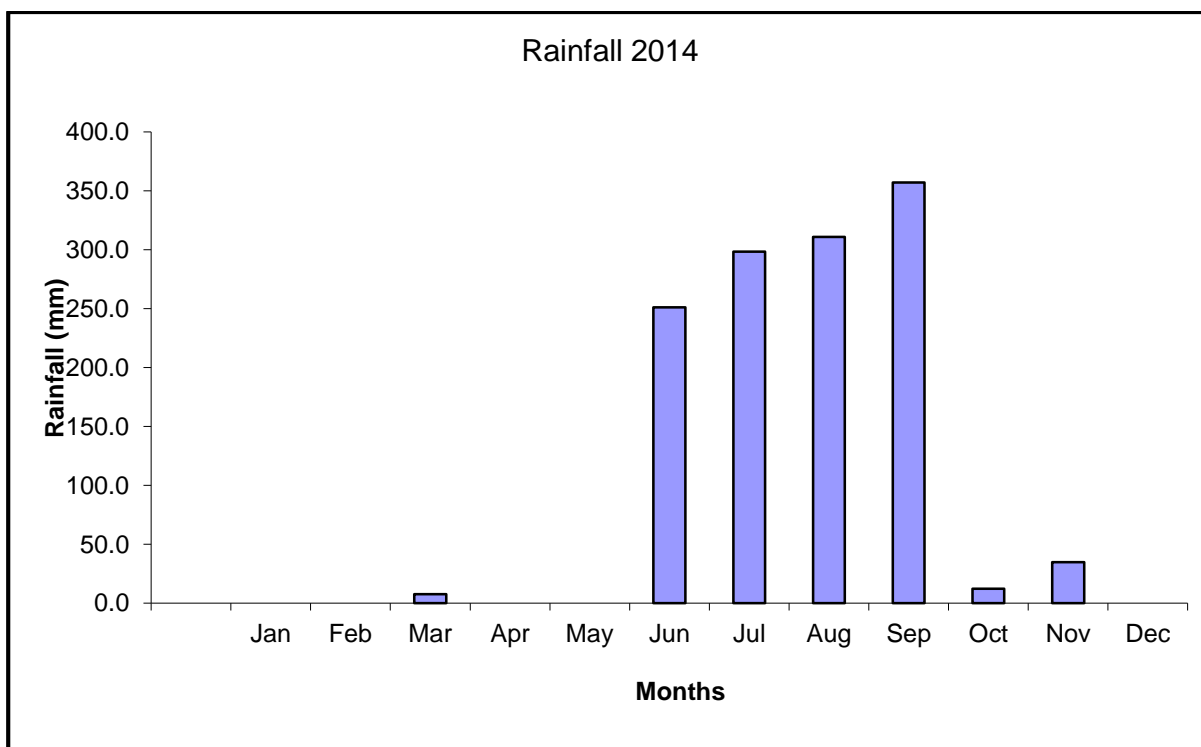
Annual rainfall (rainy days)	:	1271.5 (40)
Seasonal rainfall (rainy days)	:	1217.3 (36)
Onset of monsoon	:	13 <sup>th</sup> June, 2014
Withdrawal of monsoon	:	02 <sup>nd</sup> October, 2014
Maximum temperature	:	43.6 °C (08/05/2014)
Minimum temperature	:	6.5 °C (21/12/2014)
Wind speed (km/hrs)	:	5.5 km/h
Evaporation (mm)	:	5.8 mm
Bright sunshine (hrs)	:	7.1 hr/day

**Table-1 Daily Rainfall (mm) at Junagadh -Year-2014**

Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1								180.4	95.8			
2							0.5	42.2	35.2	12.2		
3							3.0	16.2				
4							0.8	2.6	49.2			
5								2.4	41.6			
6												
7								6.0				
8												
9			3.0					3.2				
10			4.4					5.8				
11							3.2	1.4	57.0			
12							30.0	1.6	10.2			
13						0.4	17.0	7.2	7.6			
14								3.2	36.0			
15						12.6		3.6	3.0			
16						223.0	1.0	1.4			34.6	
17						15.0	48.0					
18							42.0					
19												
20												
21												
22												
23							2.0					
24							56.0	0.5				
25							34.4					
26							0.4	4.6				
27							37.0	0.5				
28												
29							15.0	1.0	21.4			
30							0.5	0.6				
31							7.6	26.5				
<b>Total</b>	<b>0.0</b>	<b>0.0</b>	<b>7.4</b>	<b>0.0</b>	<b>0.0</b>	<b>251.0</b>	<b>298.4</b>	<b>310.9</b>	<b>357.0</b>	<b>12.2</b>	<b>34.6</b>	<b>0.0</b>
<b>R. Days</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>11</b>	<b>12</b>	<b>10</b>	<b>1</b>	<b>1</b>	<b>0</b>
<b>Grand Total : 1271.5</b>						<b>Rainy Days: 40</b>						
< 2.5	0	0	0	0	0	1	6	8	0	0	0	0
2.5 - 10	0	0	2	0	0	0	3	8	2	0	0	0
10.- 30	0	0	0	0	0	2	3	2	2	1	0	0
30-60	0	0	0	0	0	0	5	1	1	0	1	0
>60	0	0	0	0	0	1	0	1	5	0	0	0



**Fig. 1:- Weekly rainfall pattern-2014**



**Fig. 2:- Monthly rainfall pattern-2014**

**Table-2(A) Weekly mean weather data- I during 2014**

Week No	Temp. °C		R.H.%		W.S.	BSS	Evapo.	Rain	Rainy
	Max	Min	I	II	(kmph)	(hrs)	(mm)	(mm)	Days
1-J	27.2	10.8	64	33	5.9	7.6	4.9		
2	26.6	12.4	61	30	7.0	7.9	5.1		
3	27.5	9.5	67	26	4.6	8.7	5.1		
4	29.1	13.8	80	40	5.7	7.5	5.1		
5	32.6	14.0	76	29	3.0	8.5	5.1		
6-F	30.3	14.6	81	32	5.3	9.1	6.1		
7	28.1	12.1	65	33	4.6	8.1	5.2		
8	31.4	16.9	75	41	5.2	7.9	6.2		
9	31.5	15.6	64	29	5.0	8.9	7.0		
10-M	34.6	16.6	75	41	4.5	8.6	6.3	7.4	2.0
11	36.5	18.3	57	25	5.7	9.8	8.8		
12	36.0	17.9	80	23	5.0	10.3	8.1		
13	36.8	20.2	71	19	6.6	10.1	8.9		
14-A	38.3	20.9	76	22	5.7	10.0	9.4		
15	37.3	19.8	79	25	5.4	9.9	8.5		
16	38.1	23.4	79	34	6.2	9.7	8.7		
17	41.1	23.7	59	16	6.0	10.0	10.9		
18	40.1	24.0	86	28	6.8	10.4	9.9		
19-M	40.0	24.9	74	35	8.4	10.4	11.0		
20	37.9	24.6	89	49	8.5	10.0	9.4		
21	40.9	24.6	90	44	7.7	10.0	11.0		
22	40.6	25.4	88	41	8.7	9.4	10.3		
23-J	39.9	26.0	83	46	9.2	9.0	10.3		
24	35.9	25.4	85	66	11.7	3.9	7.4	251.0	3.0
25	35.1	26.0	81	56	14.2	3.5	7.3		
26	36.2	25.3	76	47	13.0	5.2	8.8		
27-J	35.7	24.7	88	61	11.0	5.5	7.0	4.3	1.0
28	33.2	24.4	92	84	6.5	3.3	4.6	50.2	3.0
29	32.0	24.7	95	80	8.2	1.3	3.6	91.0	2.0
30	30.7	23.3	95	86	9.2	0.6	2.3	144.8	4.0
31	29.8	23.8	97	91	6.5	0.4	1.3	251.9	5.0
32-A	30.7	23.1	95	85	6.2	1.1	1.9	18.0	3.0
33	30.9	23.3	93	78	7.4	1.8	2.3	15.4	3.0
34	33.3	23.8	91	72	2.6	4.7	3.9	5.1	1.0
35	30.7	22.7	94	87	3.0	1.5	2.0	159.6	3.0
36-S	30.5	23.5	89	75	04.5	2.3	1.9	90.8	2.0
37	29.7	22.5	91	75	2.3	1.7	2.6	113.8	5.0
38	32.3	22.4	82	61	2.6	8.1	4.0		
39	34.2	23.1	86	56	3.2	9.1	4.6	21.4	1.0
40-O	35.1	22.8	76	50	2.6	9.4	4.8	12.2	1.0
41	35.7	21.6	80	47	2.1	7.9	4.7		
42	36.5	18.4	81	40	1.7	9.4	5.0		
43	35.4	19.3	75	38	1.8	4.8	3.2		
44	35.3	19.6	76	35	1.8	6.2	4.6		
45-N	34.4	18.4	83	36	2.9	8.8	4.4		
46	35.0	20.6	87	39	2.3	7.3	3.7	34.6	1.0
47	33.9	16.9	85	40	1.6	8.8	3.5		
48	32.8	15.0	82	35	2.3	8.9	3.8		
49-D	33.0	13.4	67	26	2.6	8.5	4.2		
50	30.1	11.4	68	58	4.5	8.5	5.4		
51	29.3	9.5	78	41	2.9	7.3	3.8		
52	29.0	10.3	64	34	4.3	8.6	4.7		
Mean	33.8	19.8	80	47	5.5	7.1	5.8	1271.5	40
S.D.	3.8	5.0	10	20	3.0	3.1	2.7	84.2	1.4
C.V.%	11.3	25.2	13	44	54.1	43.0	46.4	6.6	3.4
Highest	41.1	26.0	97	91	14.2	10.4	11.0	251.9	5.0
Lowest	26.6	9.5	57	16	1.6	0.4	1.3	4.3	1.0



**Table-2(B) Weekly mean weather data- II during 2014**

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	13.2	26.9	9.8	17.1	20.1	20.1	24.2	31.7	27.5	25.6
2	14.4	25.3	10.3	15.6	19.8	19.8	24.4	31.2	26.6	25.0
3	13.0	27.0	9.9	16.0	19.7	19.7	24.3	32.1	27.4	25.0
4	16.3	29.0	14.2	19.9	22.2	22.2	26.2	33.4	29.4	27.0
5	16.7	32.1	14.2	20.1	23.3	23.4	27.5	33.6	31.4	28.5
6	16.2	28.7	14.3	18.3	23.0	23.4	27.6	35.7	30.6	28.5
7	16.1	27.9	12.5	17.7	21.3	21.4	26.6	34.2	29.8	27.6
8	19.4	30.6	16.6	21.4	24.8	24.5	28.5	35.4	32.3	29.3
9	18.9	30.9	14.8	19.3	24.4	24.5	29.1	39.3	32.6	29.9
10	21.1	34.2	18.2	24.2	25.9	26.1	30.0	42.0	34.4	31.4
11	22.5	35.7	17.3	21.5	26.4	27.1	31.6	43.3	36.5	33.0
12	21.7	35.7	19.4	21.0	27.6	27.8	32.5	44.2	36.5	33.8
13	23.8	36.6	20.2	21.0	29.5	29.4	33.8	43.7	37.7	34.8
14	24.8	37.0	21.8	22.5	30.4	30.3	34.9	45.2	39.0	35.8
15	24.1	36.8	21.5	22.5	30.6	30.6	35.1	47.1	39.6	36.4
16	26.4	38.1	23.6	25.5	32.2	32.6	36.8	48.5	41.3	37.6
17	28.7	40.4	22.5	22.1	32.3	33.5	37.9	50.5	42.2	39.0
18	27.2	39.4	25.5	25.0	32.3	34.9	38.5	50.4	42.9	39.5
19	29.0	37.8	25.3	25.0	32.8	34.4	38.5	48.9	42.9	39.5
20	28.4	37.7	27.0	28.6	34.3	34.0	38.0	48.9	43.0	38.7
21	27.9	40.0	26.7	29.5	35.2	34.5	38.8	50.7	43.7	40.0
22	28.9	39.7	27.3	28.6	33.7	35.0	39.2	49.9	43.2	40.2
23	29.8	38.9	27.6	29.5	34.9	35.6	39.2	51.3	44.5	40.5
24	29.9	33.5	27.7	28.0	32.5	32.7	35.8	40.8	39.3	36.6
25	29.6	34.4	27.0	27.3	31.4	30.4	34.2	40.8	36.9	35.2
26	29.6	35.2	26.3	26.3	32.8	33.3	36.5	43.5	39.7	37.5
27	28.5	34.8	26.9	28.5	31.9	32.3	36.0	41.5	38.2	36.8
28	28.6	30.6	27.7	28.2	31.5	31.3	35.0	36.3	35.6	35.8
29	27.7	31.1	27.1	28.2	29.4	29.0	32.4	33.8	32.5	33.2
30	26.7	29.2	26.1	27.3	27.7	27.0	30.2	31.4	30.1	30.8
31	26.5	27.8	26.2	27.2	27.8	27.1	29.6	29.7	28.3	29.9
32	26.2	28.9	25.6	26.9	27.9	27.3	30.2	33.0	30.6	30.6
33	26.6	30.3	25.9	27.2	28.1	27.4	30.3	32.2	31.5	31.6
34	27.2	31.6	26.1	27.4	28.9	28.6	32.3	35.2	34.0	32.9
35	26.2	28.6	25.5	26.9	28.4	28.0	31.1	33.8	31.3	32.0
36	26.6	29.2	25.2	25.6	28.1	27.6	30.4	32.5	30.7	30.8
37	25.6	29.2	24.5	25.7	27.4	27.0	29.6	32.5	30.4	30.3
38	26.9	31.4	24.6	25.6	27.9	27.8	31.5	35.0	34.3	32.7
39	27.3	33.9	25.6	26.8	27.9	28.2	32.3	38.0	35.9	33.7
40	27.3	34.3	25.9	26.1	28.4	28.3	32.7	38.6	36.5	34.1
41	26.6	35.5	24.0	26.3	27.9	28.0	32.4	40.2	35.5	33.6
42	22.8	35.9	20.5	25.4	27.1	27.7	32.1	43.1	37.1	34.0
43	26.1	34.1	22.8	23.5	29.1	28.7	32.7	40.0	36.5	34.3
44	24.1	34.9	21.1	23.5	28.4	28.6	32.6	43.5	36.7	36.7
45	24.0	33.9	22.1	22.9	27.3	28.4	32.7	44.4	36.1	33.8
46	24.7	34.2	23.2	23.7	28.2	28.8	32.7	42.2	35.3	33.8
47	21.8	33.3	20.1	23.1	24.3	25.6	30.3	37.2	32.9	31.4
48	20.0	32.0	18.1	21.3	23.8	25.1	29.3	37.6	32.4	30.5
49	19.0	32.4	15.5	19.8	23.6	24.7	29.3	36.8	32.5	30.6
50	16.8	29.0	13.4	22.7	20.4	22.3	26.6	35.5	28.9	27.0
51	14.0	28.9	12.1	20.2	19.2	20.7	25.6	34.1	27.8	26.5
52	15.0	28.2	11.5	18.3	19.2	21.0	25.5	34.1	27.2	26.4
<b>Mean</b>	<b>23.7</b>	<b>32.9</b>	<b>21.3</b>	<b>23.9</b>	<b>27.6</b>	<b>27.8</b>	<b>31.8</b>	<b>39.4</b>	<b>34.8</b>	<b>32.9</b>
<b>S.D.</b>	<b>5.1</b>	<b>5.6</b>	<b>3.9</b>	<b>3.7</b>	<b>4.3</b>	<b>4.3</b>	<b>4.1</b>	<b>6.2</b>	<b>4.9</b>	<b>4.2</b>
<b>C.V.%</b>	<b>21.4</b>	<b>17.0</b>	<b>18.3</b>	<b>15.6</b>	<b>15.8</b>	<b>15.4</b>	<b>13.0</b>	<b>15.8</b>	<b>14.2</b>	<b>12.9</b>
<b>Highest</b>	<b>29.9</b>	<b>40.4</b>	<b>40.4</b>	<b>29.5</b>	<b>35.2</b>	<b>35.6</b>	<b>39.2</b>	<b>51.3</b>	<b>44.5</b>	<b>40.5</b>
<b>Lowest</b>	<b>13.0</b>	<b>25.3</b>	<b>9.8</b>	<b>15.6</b>	<b>19.2</b>	<b>19.7</b>	<b>24.2</b>	<b>29.7</b>	<b>26.6</b>	<b>25.0</b>

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

Week No	Temperature °C		RH. %	W.S.	BSS	EVAP0.	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	
<b>Mean</b>	<b>34.2</b>	<b>19.9</b>	<b>66.7</b>	<b>7.9</b>	<b>7.7</b>	<b>6.8</b>	<b>852.4</b>	<b>42</b>
<b>Highest</b>	<b>39.4</b>	<b>26.7</b>	<b>88.0</b>	<b>13.4</b>	<b>10.1</b>	<b>10.7</b>	--	--
<b>Lowest</b>	<b>29.5</b>	<b>10.0</b>	<b>51.0</b>	<b>4.2</b>	<b>2.1</b>	<b>3.6</b>	--	--

**Table-3(A) Monthly mean weather data-2014**

Month	Temperature °C			RH %		Mean	W.S. kmph	BSS hrs	Evapo. mm	Rain mm	Rainy days
	Max	Min	Mean	I	II						
Jan	28.1	11.7	19.9	69	32	51	5.5	8.1	5.1	0.0	
Feb	30.6	15.0	22.8	71	34	53	4.7	8.3	5.8	0.0	
March	35.3	17.5	26.4	71	27	49	5.3	9.6	7.9	7.4	2
April	38.8	22.0	30.4	74	24	49	5.8	9.9	9.4	0.0	
May	39.8	24.7	32.2	86	40	63	8.1	10.1	10.4	0.0	
June	37.1	25.7	31.4	82	53	67	11.6	5.8	8.6	251.0	3
July	32.8	24.3	28.5	92	78	85	8.6	2.6	4.4	298.4	11
August	31.3	23.4	27.3	93	82	88	5.3	2.1	2.4	310.9	12
Sept.	31.5	22.9	27.2	88	68	78	3.1	5.0	3.1	357.0	10
October	35.6	20.5	28.0	80	43	62	2.0	7.5	4.5	12.2	1
Nov.	34.3	18.2	26.2	83	38	61	2.2	8.3	3.9	34.6	1
Dec.	30.5	11.4	20.9	70	39	54	3.5	8.3	4.5	0.0	
Total	405.6	237.1	321.3	960.2	556.5	758.3	65.9	85.6	69.9	1271.5	40.0
Mean	33.8	19.8	26.8	80.0	46.4	63.2	5.5	7.1	5.8	106.0	5.7
S.D.	3.6	5.0	3.9	8.8	19.4	13.7	2.8	2.7	2.6	148.6	5.0
C.V.%	10.7	25.2	14.6	11.0	41.9	21.7	51.3	37.8	44.5	140.2	87.9
Highest	39.8	25.7	32.2	93	82	87.5	11.6	10.1	10.4	357.0	12.0
Lowest	28.1	11.4	19.9	69	24	48.8	2.0	2.1	2.4	0.0	1.0

**Table-3(B) Monthly mean weather data-2014**

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	14.2	27.6	11.2	17.4	20.6	20.7	25.0	32.1	28.0	25.9
Feb	17.8	29.7	14.7	19.4	23.4	23.4	27.9	35.4	31.2	28.7
March	21.6	34.9	18.1	21.6	26.8	27.1	31.5	42.8	35.8	32.7
April	26.0	38.1	22.4	23.1	31.3	31.8	36.2	47.9	40.5	37.2
May	28.3	38.7	26.3	27.3	33.7	34.5	38.5	49.7	43.2	39.5
June	29.7	36.0	27.2	27.9	33.0	33.2	36.7	44.8	40.4	37.7
July	27.8	31.3	26.9	27.9	30.1	29.9	33.3	35.5	33.8	34.0
August	26.6	29.7	25.9	27.2	28.3	27.7	30.8	33.1	31.4	31.5
Sept.	26.5	30.7	25.0	26.0	27.8	27.6	30.9	34.3	32.6	31.8
October	25.6	34.9	23.1	25.2	28.2	28.2	32.5	40.7	36.5	34.0
Nov.	23.0	33.6	21.2	23.0	26.3	27.3	31.6	41.0	34.6	32.7
Dec.	16.3	29.8	13.3	20.2	20.8	22.3	26.9	35.3	29.3	27.8
Total	283.4	395.0	255.2	286.1	330.3	333.7	381.7	472.5	417.4	393.5
Mean	23.6	32.9	21.3	23.8	27.5	27.8	31.8	39.4	34.8	32.8
S.D.	5.1	3.6	5.6	3.6	4.3	4.2	4.0	5.9	4.7	4.1
C.V.%	21.4	11.1	26.5	15.2	15.6	15.2	12.7	15.1	13.6	12.5
Highest	29.7	38.7	27.2	27.9	33.7	34.5	38.5	49.7	43.2	39.5
Lowest	14.2	27.6	11.2	17.4	20.6	20.7	25.0	32.1	28.0	25.9

**Table-4 Seasonal weather condition during - 2014**

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)
<b>(A) WINTER SEASON 2013-14</b>															
<b>49-Dec</b>	31.5	14.0	23.8	23.6	28.1	36.6	32.1	29.3			77	33	3.4	9.0	4.3
<b>50</b>	30.3	11.8	21.8	21.9	26.6	35.3	30.1	27.7			82	31	2.7	9.5	9.5
<b>51</b>	28.9	12.7	22.0	21.9	26.2	35.8	30.0	27.5			80	27	3.4	9.0	8.9
<b>52</b>	26.7	13.0	20.8	20.9	25.0	33.3	27.8	25.8			48	29	7.8	8.0	8.3
<b>1-J</b>	27.2	10.8	20.1	20.1	24.2	31.7	27.5	25.6			64	33	5.9	7.6	4.9
<b>2</b>	26.6	12.4	19.8	19.8	24.4	31.2	26.6	25.0			61	30	7.0	7.9	5.1
<b>3</b>	27.5	9.5	19.7	19.7	24.3	32.1	27.4	25.0			67	26	4.6	8.7	5.1
<b>4</b>	29.1	13.8	22.2	22.2	26.2	33.4	29.4	27.0			80	40	5.7	7.5	5.1
<b>5</b>	32.6	14.0	23.3	23.4	27.5	33.6	31.4	28.5			76	29	3.0	8.5	5.1
<b>6-F</b>	30.3	14.6	23.0	23.4	27.6	35.7	30.6	28.5			81	32	5.3	9.1	6.1
<b>7</b>	28.1	12.1	21.3	21.4	26.6	34.2	29.8	27.6			65	33	4.6	8.1	5.2
<b>8</b>	31.4	16.9	24.8	24.5	28.5	35.4	32.3	29.3			75	41	5.2	7.9	6.2
<b>9</b>	31.5	15.6	24.4	24.5	29.1	39.3	32.6	29.9			64	29	5.0	8.9	7.0
<b>Total</b>	<b>381.7</b>	<b>171.1</b>	<b>286.9</b>	<b>287.2</b>	<b>344.6</b>	<b>447.7</b>	<b>387.5</b>	<b>356.8</b>			<b>920.1</b>	<b>413.9</b>	<b>63.4</b>	<b>109.8</b>	<b>80.7</b>
<b>Mean</b>	<b>29.4</b>	<b>13.2</b>	<b>22.1</b>	<b>22.1</b>	<b>26.5</b>	<b>34.4</b>	<b>29.8</b>	<b>27.4</b>			<b>70.8</b>	<b>31.8</b>	<b>4.9</b>	<b>8.4</b>	<b>6.2</b>
<b>SD</b>	<b>2.0</b>	<b>2.0</b>	<b>1.7</b>	<b>1.7</b>	<b>1.7</b>	<b>2.2</b>	<b>2.0</b>	<b>1.7</b>			<b>10.1</b>	<b>4.4</b>	<b>1.5</b>	<b>0.6</b>	<b>1.7</b>
<b>CV</b>	<b>7.0</b>	<b>15.0</b>	<b>7.7</b>	<b>7.6</b>	<b>6.2</b>	<b>6.5</b>	<b>6.7</b>	<b>6.1</b>			<b>14.3</b>	<b>14.0</b>	<b>31.4</b>	<b>7.5</b>	<b>27.1</b>
<b>(B) SUMMER SEASON 2014</b>															
<b>10-M</b>	34.6	16.6	25.9	26.1	30.0	42.0	34.4	31.4	7.4	2.0	75	41	4.5	8.6	6.3
<b>11</b>	36.5	18.3	26.4	27.1	31.6	43.3	36.5	33.0	0.0	0.0	57	25	5.7	9.8	8.8
<b>12</b>	36.0	17.9	27.6	27.8	32.5	44.2	36.5	33.8	0.0	0.0	80	23	5.0	10.3	8.1
<b>13</b>	36.8	20.2	29.5	29.4	33.8	43.7	37.7	34.8	0.0	0.0	71	19	6.6	10.1	8.9
<b>14-A</b>	38.3	20.9	30.4	30.3	34.9	45.2	39.0	35.8	0.0	0.0	76	22	5.7	10.0	9.4
<b>15</b>	37.3	19.8	30.6	30.6	35.1	47.1	39.6	36.4	0.0	0.0	79	25	5.4	9.9	8.5
<b>16</b>	38.1	23.4	32.2	32.6	36.8	48.5	41.3	37.6	0.0	0.0	79	34	6.2	9.7	8.7
<b>17</b>	41.1	23.7	32.3	33.5	37.9	50.5	42.2	39.0	0.0	0.0	59	16	6.0	10.0	10.9
<b>18</b>	40.1	24.0	32.3	34.9	38.5	50.4	42.9	39.5	0.0	0.0	86	28	6.8	10.4	9.9
<b>19-M</b>	40.0	24.9	32.8	34.4	38.5	48.9	42.9	39.5	0.0	0.0	74	35	8.4	10.4	11.0
<b>20</b>	37.9	24.6	34.3	34.0	38.0	48.9	43.0	38.7	0.0	0.0	89	49	8.5	10.0	9.4
<b>21</b>	40.9	24.6	35.2	34.5	38.8	50.7	43.7	40.0	0.0	0.0	90	44	7.7	10.0	11.0
<b>22</b>	40.6	25.4	33.7	35.0	39.2	49.9	43.2	40.2	0.0	0.0	88	41	8.7	9.4	10.3
<b>Total</b>	<b>498.1</b>	<b>284.4</b>	<b>403.2</b>	<b>410.3</b>	<b>465.7</b>	<b>613.5</b>	<b>523.1</b>	<b>479.6</b>	<b>7.4</b>	<b>2.0</b>	<b>1004.3</b>	<b>401.4</b>	<b>85.2</b>	<b>128.5</b>	<b>121.2</b>
<b>Mean</b>	<b>38.3</b>	<b>21.9</b>	<b>31.0</b>	<b>31.6</b>	<b>35.8</b>	<b>47.2</b>	<b>40.2</b>	<b>36.9</b>	<b>0.6</b>	<b>0.2</b>	<b>77.3</b>	<b>30.9</b>	<b>6.6</b>	<b>9.9</b>	<b>9.3</b>
<b>SD</b>	<b>2.1</b>	<b>3.0</b>	<b>3.0</b>	<b>3.2</b>	<b>3.1</b>	<b>3.1</b>	<b>3.1</b>	<b>2.9</b>	<b>2.1</b>	<b>0.6</b>	<b>10.5</b>	<b>10.6</b>	<b>1.4</b>	<b>0.5</b>	<b>1.3</b>
<b>CV</b>	<b>5.4</b>	<b>13.9</b>	<b>9.5</b>	<b>10.1</b>	<b>8.5</b>	<b>6.6</b>	<b>7.8</b>	<b>7.9</b>	<b>360.6</b>	<b>360.6</b>	<b>13.5</b>	<b>34.3</b>	<b>21.2</b>	<b>5.0</b>	<b>14.3</b>

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)
<b>(C) MONSOON SEASON 2014</b>															
<b>23-J</b>	39.9	26.0	34.9	35.6	39.2	51.3	44.5	40.5	0.0	0.0	83	46	9.2	9.0	10.3
<b>24</b>	35.9	25.4	32.5	32.7	35.8	40.8	39.3	36.6	251.0	3.0	85	66	11.7	3.9	7.4
<b>25</b>	35.1	26.0	31.4	30.4	34.2	40.8	36.9	35.2	0.0	0.0	81	56	14.2	3.5	7.3
<b>26</b>	36.2	25.3	32.8	33.3	36.5	43.5	39.7	37.5	0.0	0.0	76	47	13.0	5.2	8.8
<b>27-J</b>	35.7	24.7	31.9	32.3	36.0	41.5	38.2	36.8	4.3	1.0	88	61	11.0	5.5	7.0
<b>28</b>	33.2	24.4	31.5	31.3	35.0	36.3	35.6	35.8	50.2	3.0	92	84	6.5	3.3	4.6
<b>29</b>	32.0	24.7	29.4	29.0	32.4	33.8	32.5	33.2	91.0	2.0	95	80	8.2	1.3	3.6
<b>30</b>	30.7	23.3	27.7	27.0	30.2	31.4	30.1	30.8	144.8	4.0	95	86	9.2	0.6	2.3
<b>31</b>	29.8	23.8	27.8	27.1	29.6	29.7	28.3	29.9	251.9	5.0	97	91	6.5	0.4	1.3
<b>32-A</b>	30.7	23.1	27.9	27.3	30.2	33.0	30.6	30.6	18.0	3.0	95	85	6.2	1.1	1.9
<b>33</b>	30.9	23.3	28.1	27.4	30.3	32.2	31.5	31.6	15.4	3.0	93	78	7.4	1.8	2.3
<b>34</b>	33.3	23.8	28.9	28.6	32.3	35.2	34.0	32.9	5.1	1.0	91	72	2.6	4.7	3.9
<b>35</b>	30.7	22.7	28.4	28.0	31.1	33.8	31.3	32.0	159.6	3.0	94	87	3.0	1.5	2.0
<b>36-S</b>	30.5	23.5	28.1	27.6	30.4	32.5	30.7	30.8	91.0	2.0	89	75	04.5	2.3	1.9
<b>37</b>	29.7	22.5	27.4	27.0	29.6	32.5	30.4	30.3	113.8	5.0	91	75	2.3	1.7	2.6
<b>38</b>	32.3	22.4	27.9	27.8	31.5	35.0	34.3	32.7	0.0	0.0	82	61	2.6	8.1	4.0
<b>39</b>	34.2	23.1	27.9	28.2	32.3	38.0	35.9	33.7	21.4	1.0	86	56	3.2	9.1	4.6
<b>Total</b>	<b>560.5</b>	<b>408.2</b>	<b>504.6</b>	<b>500.7</b>	<b>556.6</b>	<b>621.2</b>	<b>583.8</b>	<b>570.8</b>	<b>1217.3</b>	<b>36.0</b>	<b>1514.0</b>	<b>1205.1</b>	<b>121.1</b>	<b>63.0</b>	<b>75.8</b>
<b>Mean</b>	<b>33.0</b>	<b>24.0</b>	<b>29.7</b>	<b>29.5</b>	<b>32.7</b>	<b>36.5</b>	<b>34.3</b>	<b>33.6</b>	<b>71.6</b>	<b>2.1</b>	<b>89.1</b>	<b>70.9</b>	<b>7.1</b>	<b>3.7</b>	<b>4.5</b>
<b>SD</b>	<b>2.8</b>	<b>1.2</b>	<b>2.3</b>	<b>2.6</b>	<b>2.9</b>	<b>5.5</b>	<b>4.3</b>	<b>3.0</b>	<b>86.2</b>	<b>1.7</b>	<b>6.0</b>	<b>14.4</b>	<b>3.8</b>	<b>2.9</b>	<b>2.7</b>
<b>CV</b>	<b>8.6</b>	<b>4.9</b>	<b>7.8</b>	<b>9.0</b>	<b>8.8</b>	<b>15.1</b>	<b>12.6</b>	<b>9.0</b>	<b>120.3</b>	<b>79.9</b>	<b>6.7</b>	<b>20.3</b>	<b>53.8</b>	<b>77.2</b>	<b>61.3</b>

**(D) POST MONSOON SEASON 2014**

<b>40-O</b>	35.1	22.8	28.4	28.3	32.7	38.6	36.5	34.1	0.0	0.0	76	50	2.6	9.4	4.8
<b>41</b>	35.7	21.6	27.9	28.0	32.4	40.2	35.5	33.6	0.0	0.0	80	47	2.1	7.9	4.7
<b>42</b>	36.5	18.4	27.1	27.7	32.1	43.1	37.1	34.0	0.0	0.0	81	40	1.7	9.4	5.0
<b>43</b>	35.4	19.3	29.1	28.7	32.7	40.0	36.5	34.3	0.0	0.0	75	38	1.8	4.8	3.2
<b>44</b>	35.3	19.6	28.4	28.6	32.6	43.5	36.7	36.7	0.0	0.0	76	35	1.8	6.2	4.6
<b>45-N</b>	34.4	18.4	27.3	28.4	32.7	44.4	36.1	33.8	0.0	0.0	83	36	2.9	8.8	4.4
<b>46</b>	35.0	20.6	28.2	28.8	32.7	42.2	35.3	33.8	34.6	1.0	87	39	2.3	7.3	3.7
<b>47</b>	33.9	16.9	24.3	25.6	30.3	37.2	32.9	31.4	0.0	0.0	85	40	1.6	8.8	3.5
<b>48</b>	32.8	15.0	23.8	25.1	29.3	37.6	32.4	30.5	0.0	0.0	82	35	2.3	8.9	3.8
<b>Total</b>	<b>314.2</b>	<b>172.7</b>	<b>244.4</b>	<b>249.2</b>	<b>287.5</b>	<b>366.7</b>	<b>319.1</b>	<b>302.4</b>	<b>34.6</b>	<b>1.0</b>	<b>724.3</b>	<b>360.6</b>	<b>19.0</b>	<b>71.5</b>	<b>37.8</b>
<b>Mean</b>	<b>34.9</b>	<b>19.2</b>	<b>27.2</b>	<b>27.7</b>	<b>31.9</b>	<b>40.7</b>	<b>35.5</b>	<b>33.6</b>	<b>3.8</b>	<b>0.1</b>	<b>80.5</b>	<b>40.1</b>	<b>2.1</b>	<b>7.9</b>	<b>4.2</b>
<b>S.D.</b>	<b>1.1</b>	<b>2.4</b>	<b>1.9</b>	<b>1.4</b>	<b>1.3</b>	<b>2.7</b>	<b>1.7</b>	<b>1.8</b>	<b>11.5</b>	<b>0.3</b>	<b>4.4</b>	<b>5.2</b>	<b>0.4</b>	<b>1.6</b>	<b>0.6</b>
<b>C.V.%</b>	<b>3.1</b>	<b>12.4</b>	<b>6.9</b>	<b>5.0</b>	<b>4.0</b>	<b>6.6</b>	<b>4.7</b>	<b>5.2</b>	<b>300.0</b>	<b>300.0</b>	<b>5.4</b>	<b>12.9</b>	<b>20.5</b>	<b>19.9</b>	<b>15.4</b>

**Table-5:- Frequency of cloudy days, rainy days and amount of rainfall at Junagadh (1985-2014)**

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	745.2
1987	1	4	12	1	18	4	2	3	2	11	42.2	30.6	57.6	7.8	138.2
1988	9	25	16	4	54	1	25	14	11	51	19.7	1056.4	121.9	192.7	1390.7
1989	11	15	19	0	45	6	17	7	6	36	298.6	305.7	46.5	123.8	774.6
1990	10	27	20	4	61	3	5	14	10	32	33.4	55.2	473.4	104.1	666.1
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	830.3
1993	9	18	7	4	38	8	8	0	3	19	169.6	128.4	3.7	64.2	365.9
1994	15	28	28	10	81	7	20	15	6	48	132.5	748.4	150.9	155.5	1187.3
1995	3	18	4	2	27	3	17	12	4	36	15.7	607.1	105.5	82.6	810.9
1996	4	16	22	8	50	5	15	9	1	30	317.5	324.8	63.9	10.6	716.8
1997	11	22	19	6	58	9	10	10	7	36	231.7	267.8	96.4	217.3	813.2
1998	3	18	19	3	43	7	12	12	4	35	156.1	378.6	271.6	78.9	885.2
1999	6	23	20	1	50	4	14	6	2	26	81.6	219.9	37.5	27.2	366.2
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	807.6
2002	5	19	25	4	53	5	7	7	2	21	275.9	45.7	119.8	94.8	536.2
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	923.7
2005	12	26	27	15	80	10	10	8	12	40	381.5	114	164.3	532.9	1192.7
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	1411.4
2008	19	27	24	11	81	4	15	14	8	41	148.7	436.1	110.8	508.8	1204.4
2009	8	22	17	2	49	7	20	3	1	31	101.5	660.6	52.7	10.4	825.2
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	962.7
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	1430.5
2014	2	23	20	8	53	3	11	12	10	36	251	298.4	310.9	357	1217.3
Mean	7.9	21.6	19.6	6.0	55.2	5.3	13.2	11.6	6.1	36.3	166.3	337.1	204.1	155.0	850.1
SD	4.9	5.9	6.1	4.5	16.3	3.2	6.1	5.1	3.8	11.9	145.3	235.7	167.9	143.2	371.2
CV	62	27	31	74	30	61	46	44	61	33	87	70	82	92	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
2014	0	7	18	25
<b>Total</b>	<b>101</b>	<b>341</b>	<b>281</b>	<b>723</b>
<b>Mean</b>	<b>3.37</b>	<b>11.37</b>	<b>9.37</b>	<b>24.10</b>
<b>SD</b>	<b>3.75</b>	<b>5.42</b>	<b>5.62</b>	<b>8.76</b>
<b>CV %</b>	<b>111</b>	<b>48</b>	<b>60</b>	<b>36</b>

**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	12
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	28
1994-95	10	10	6	26
1995-96	4	18	5	27
1996-97	10	7	5	22
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
2013-14	1	9	2	12
<b>Total</b>	<b>171</b>	<b>272</b>	<b>85</b>	<b>520</b>
<b>Mean</b>	<b>6.1</b>	<b>9.7</b>	<b>3.0</b>	<b>19.3</b>
<b>SD</b>	<b>4.9</b>	<b>4.8</b>	<b>3.0</b>	<b>9.5</b>
<b>CV %</b>	<b>81</b>	<b>49</b>	<b>99</b>	<b>49</b>



**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
2013-14	13.2	7.5	29	11.7	7.4	7	15.0	9.0	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
2014	35.3	38.5	28	38.8	43.4	29	39.8	43.6	08

**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
<b>Mean</b>	<b>107</b>	<b>359</b>	<b>235</b>	<b>94</b>	<b>795</b>	<b>14</b>	<b>11</b>	<b>25</b>
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
<b>Mean</b>	<b>259</b>	<b>272</b>	<b>201</b>	<b>118</b>	<b>850</b>	<b>29</b>	<b>18</b>	<b>47</b>
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
<b>Mean</b>	<b>254</b>	<b>373</b>	<b>206</b>	<b>115</b>	<b>948</b>	<b>34</b>	<b>29</b>	<b>63</b>
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
<b>Mean</b>	<b>117</b>	<b>361</b>	<b>120</b>	<b>88</b>	<b>686</b>	<b>56</b>	<b>9</b>	<b>65</b>
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
<b>Mean</b>	<b>191</b>	<b>365</b>	<b>306</b>	<b>210</b>	<b>1072</b>	<b>16</b>	<b>8</b>	<b>24</b>

**APPENDIX-1**

**Daily Weather  
Data**

**January-2014**

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	24.2	7.5	15.9	16.7	58	42	50	02	34	08.8	9.2	07.0	000.0
2	27.5	14.0	20.8	13.5	64	53	59	34	34	05.9	9.1	04.9	000.0
3	28.0	13.2	20.6	14.8	67	38	53	34	32	05.0	3.9	03.3	000.0
4	28.2	17.0	22.6	11.2	33	24	29	05	05	05.0	4.7	03.8	000.0
5	28.2	8.2	18.2	20.0	87	21	54	14	20	06.0	7.4	05.0	000.0
6	26.6	8.0	17.3	18.6	76	19	48	23	05	04.7	9.4	04.5	000.0
7	27.8	7.4	17.6	20.4	66	31	49	14	20	05.7	9.7	05.8	000.0
8	30.2	11.4	20.8	18.8	86	42	64	09	23	02.7	9.5	03.9	000.0
9	29.4	15.4	22.4	14.0	51	31	41	05	34	05.5	9.3	04.6	000.0
10	25.8	13.0	19.4	12.8	53	27	40	34	05	08.3	7.5	05.8	000.0
11	24.2	12.0	18.1	12.2	44	27	36	32	05	08.4	8.6	06.0	000.0
12	24.0	14.0	19.0	10.0	55	30	43	05	05	08.9	7.0	05.1	000.0
13	26.2	10.5	18.4	15.7	62	35	49	00	32	07.8	6.5	05.5	000.0
14	26.2	10.5	18.4	15.7	75	21	48	20	36	07.4	6.9	04.6	000.0
15	27.4	10.1	18.8	17.3	45	13	29	02	02	06.1	08.3	06.1	000.0
16	26.4	8.6	17.5	17.8	37	32	35	05	07	06.4	09.2	06.5	000.0
17	28.2	8.6	18.4	19.6	87	26	57	14	34	03.6	09.0	03.8	000.0
18	25.8	8.5	17.2	17.3	77	20	49	23	02	04.5	08.5	04.9	000.0
19	28.0	8.0	18.0	20.0	69	24	47	20	16	03.8	09.7	05.1	000.0
20	28.6	8.0	18.3	20.6	73	35	54	14	34	04.2	09.2	04.5	000.0
21	28.4	14.5	21.5	13.9	80	33	57	00	34	03.6	07.2	04.6	000.0
22	27.5	16.5	22.0	11.0	53	27	40	36	34	06.4	05.7	05.1	000.0
23	28.0	13.6	20.8	14.4	44	23	34	05	34	07.5	09.3	06.8	000.0
24	28.2	11.0	19.6	17.2	79	36	58	23	05	06.4	09.3	05.8	000.0
25	28.1	11.0	19.6	17.1	98	53	76	14	09	06.1	09.1	05.9	000.0
26	29.6	14.0	21.8	15.6	94	59	77	09	36	05.1	07.6	04.5	000.0
27	30.5	15.5	23.0	15.0	96	50	73	16	14	04.9	07.2	03.8	000.0
28	32.0	15.0	23.5	17.0	96	30	63	34	05	03.4	04.5	03.5	000.0
29	32.0	12.4	22.2	19.6	95	25	60	14	07	02.9	09.3	05.7	000.0
30	31.5	12.5	22.0	19.0	78	27	53	05	05	03.8	09.7	05.5	000.0
31	33.4	13.5	23.5	19.9	74	25	50	36	34	02.7	09.6	05.3	000.0
<b>Total</b>	870.1	363.4	616.8	506.7	2152.0	979.0	1565.5			171.5	251.1	157.2	0.0
<b>Mean</b>	28.1	11.7	19.9	16.3	69.4	31.6	50.5			5.5	8.1	5.1	0.0
<b>S.D.</b>	2.3	2.9	2.1	3.0	18.6	10.9	12.4			1.8	1.7	1.0	0.0
<b>C.V.%</b>	8.1	24.7	10.7	18.5	26.8	34.5	24.5			32.9	20.4	18.8	0.0
<b>High.</b>	33.4	17.0	23.5	20.6	98.0	59.0	76.5			8.9	9.7	7.0	0.0
<b>Low.</b>	24.0	7.4	15.9	10.0	33.0	13.0	28.5			2.7	3.9	3.3	0.0

**January-2014**

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)
<b>1</b>	13.6	26.2	9.8	18.2	06.8	10.8	18.4	18.5	23.6	31.4	26.2	24.4
<b>2</b>	15.4	26.6	12.0	20.2	08.5	13.8	21.6	21.0	24.5	31.2	27.0	25.5
<b>3</b>	16.2	27.6	13.0	18.6	09.3	10.6	21.5	20.8	25.0	32.2	27.8	26.0
<b>4</b>	18.0	26.0	10.6	15.0	05.1	06.1	22.4	22.0	25.5	32.4	28.0	26.4
<b>5</b>	10.6	25.4	9.6	14.0	08.4	05.1	19.2	19.6	21.8	30.5	27.4	26.0
<b>6</b>	9.4	27.4	7.4	15.0	06.8	05.3	18.6	19.2	24.5	32.2	27.8	25.4
<b>7</b>	9.0	29.4	6.4	18.6	05.6	05.6	19.0	19.6	24.5	32.2	28.0	25.4
<b>8</b>	12.4	29.0	11.2	20.4	09.3	12.7	19.8	20.0	24.8	32.2	28.5	25.8
<b>9</b>	16.4	25.4	11.4	15.8	07.1	07.7	21.6	21.0	25.4	32.4	27.5	26.0
<b>10</b>	14.4	24.0	10.0	14.0	06.6	06.0	20.0	20.0	24.8	31.0	26.4	25.2
<b>11</b>	16.6	23.4	8.4	13.6	05.1	05.8	19.0	19.0	24.0	29.5	25.2	24.5
<b>12</b>	16.6	23.2	12.0	14.0	07.7	06.5	20.0	19.5	24.0	29.0	25.0	24.2
<b>13</b>	11.4	25.4	8.2	16.4	06.2	08.5	19.5	19.6	24.0	30.5	26.0	24.6
<b>14</b>	13.2	27.0	11.0	15.0	08.5	05.6	19.0	19.5	24.0	33.5	27.5	25.0
<b>15</b>	16.5	27.8	10.8	14.0	06.3	03.7	20.4	19.5	24.2	32.0	27.4	25.0
<b>16</b>	16.6	27.4	10.0	17.4	05.3	08.9	19.0	19.0	24.0	32.2	26.8	24.6
<b>17</b>	9.6	25.2	8.6	14.8	07.8	06.3	19.0	19.5	24.2	31.4	26.5	24.6
<b>18</b>	10.2	27.4	8.4	15.2	07.2	05.6	18.0	18.5	23.6	32.2	27.4	24.5
<b>19</b>	9.4	27.0	7.0	15.6	06.1	06.4	18.8	19.0	24.0	32.0	27.5	24.5
<b>20</b>	13.0	27.6	10.6	18.0	08.4	09.7	20.0	20.5	24.8	32.4	28.4	25.6
<b>21</b>	15.4	26.5	13.6	17.0	10.6	08.7	22.5	22.0	25.5	32.5	28.0	26.0
<b>22</b>	17.6	27.0	12.6	16.2	07.9	07.3	22.0	22.0	25.6	32.5	27.5	26.4
<b>23</b>	19.6	27.8	13.2	16.0	07.5	07.5	21.8	21.2	25.5	32.5	29.0	26.5
<b>24</b>	12.4	27.4	10.5	18.0	08.5	09.8	21.0	21.0	25.6	32.0	28.6	26.5
<b>25</b>	14.0	29.0	13.8	22.3	11.7	15.9	21.0	22.5	26.0	36.5	29.0	27.0
<b>26</b>	17.0	30.0	16.4	24.0	13.6	18.7	22.5	23.0	26.5	35.5	30.0	27.0
<b>27</b>	17.2	30.6	16.8	23.0	14.1	16.4	23.6	22.4	27.0	32.2	30.4	27.5
<b>28</b>	16.6	31.4	16.2	19.8	13.5	10.3	23.6	23.5	27.0	32.6	31.0	28.2
<b>29</b>	13.4	31.6	13.0	19.0	11.0	08.8	22.2	22.6	27.0	31.6	30.8	28.2
<b>30</b>	14.6	32.0	12.6	19.6	09.7	09.5	22.0	22.5	27.0	32.5	31.0	28.0
<b>31</b>	15.0	32.4	12.6	19.4	09.5	09.0	22.5	23.0	27.2	33.2	31.8	28.5
<b>Total</b>	<b>441.3</b>	<b>854.1</b>	<b>347.7</b>	<b>538.1</b>	<b>259.7</b>	<b>272.6</b>	<b>639.5</b>	<b>641.0</b>	<b>775.1</b>	<b>996.0</b>	<b>869.4</b>	<b>803.0</b>
<b>Mean</b>	<b>14.2</b>	<b>27.6</b>	<b>11.2</b>	<b>17.4</b>	<b>8.4</b>	<b>8.8</b>	<b>20.6</b>	<b>20.7</b>	<b>25.0</b>	<b>32.1</b>	<b>28.0</b>	<b>25.9</b>
<b>S.D.</b>	<b>2.9</b>	<b>2.4</b>	<b>2.6</b>	<b>2.8</b>	<b>2.4</b>	<b>3.6</b>	<b>1.6</b>	<b>1.5</b>	<b>1.3</b>	<b>1.4</b>	<b>1.7</b>	<b>1.3</b>
<b>C.V.%</b>	<b>20.4</b>	<b>8.7</b>	<b>23.5</b>	<b>16.2</b>	<b>29.2</b>	<b>40.9</b>	<b>7.9</b>	<b>7.3</b>	<b>5.1</b>	<b>4.4</b>	<b>6.0</b>	<b>4.8</b>
<b>Highest</b>	<b>19.6</b>	<b>32.4</b>	<b>16.8</b>	<b>24.0</b>	<b>14.1</b>	<b>18.7</b>	<b>23.6</b>	<b>23.5</b>	<b>27.2</b>	<b>36.5</b>	<b>31.8</b>	<b>28.5</b>
<b>Lowest</b>	<b>9.0</b>	<b>23.2</b>	<b>6.4</b>	<b>13.6</b>	<b>5.1</b>	<b>3.7</b>	<b>18.0</b>	<b>18.5</b>	<b>21.8</b>	<b>29.0</b>	<b>25.0</b>	<b>24.2</b>

### February-2014

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	33.0	13.4	23.2	19.6	74	33	54	00	25	02.7	09.5	04.8	000.0
2	33.5	16.2	24.9	17.3	73	32	53	05	07	02.3	08.9	05.7	000.0
3	32.6	15.8	24.2	16.8	80	31	56	14	05	02.0	04.4	03.3	000.0
4	32.5	14.2	23.4	18.3	55	27	41	32	34	04.5	08.4	05.5	000.0
5	32.0	14.5	23.3	17.5	80	29	55	05	34	04.4	09.6	06.0	000.0
6	32.6	15.8	24.2	16.8	96	34	65	00	23	04.5	09.1	07.1	000.0
7	32.0	18.6	25.3	13.4	83	41	62	05	34	04.6	08.7	04.9	000.0
8	31.5	16.0	23.8	15.5	71	41	56	36	36	08.0	08.4	06.0	000.0
9	27.2	11.0	19.1	16.2	75	24	50	18	34	06.0	09.3	06.2	000.0
10	27.5	12.0	19.8	15.5	76	33	55	18	34	04.3	09.4	07.9	000.0
11	29.0	14.0	21.5	15.0	84	24	54	36	34	05.3	08.9	04.6	000.0
12	27.5	10.0	18.8	17.5	74	26	50	18	16	05.6	09.4	06.0	000.0
13	29.0	12.0	20.5	17.0	73	53	63	09	25	03.6	09.4	06.8	000.0
14	26.0	12.5	19.3	13.5	91	47	69	34	25	04.1	05.0	03.6	000.0
15	29.0	15.0	22.0	14.0	77	35	56	09	34	04.8	07.5	06.4	000.0
16	27.2	14.0	20.6	13.2	68	20	44	36	02	04.6	06.4	04.0	000.0
17	27.4	9.0	18.2	18.4	38	24	31	34	14	04.2	09.7	05.6	000.0
18	30.5	12.5	21.5	18.0	36	25	31	16	32	05.0	09.6	04.2	000.0
19	32.0	12.6	22.3	19.4	89	31	60	14	23	02.9	09.8	05.8	000.0
20	32.6	18.0	25.3	14.6	87	45	66	34	23	05.2	09.7	06.2	000.0
21	30.6	17.0	23.8	13.6	81	49	65	05	27	04.6	05.3	04.8	000.0
22	29.2	16.7	23.0	12.5	73	31	52	36	07	05.8	07.7	05.9	000.0
23	31.0	17.0	24.0	14.0	61	42	52	16	36	06.0	08.5	07.2	000.0
24	32.0	21.0	26.5	11.0	54	43	49	09	34	06.0	08.2	07.3	000.0
25	32.2	16.0	24.1	16.2	80	48	64	32	32	05.8	06.1	05.9	000.0
26	33.2	21.0	27.1	12.2	38	35	37	34	36	05.2	08.4	06.5	000.0
27	32.8	18.2	25.5	14.6	69	30	50	65	02	05.5	08.2	08.0	000.0
28	31.2	16.2	23.7	15.0	65	26	46	34	25	04.7	09.4	06.5	000.0
<b>Total</b>	<b>856.8</b>	<b>420.2</b>	<b>638.5</b>	<b>436.6</b>	<b>2001</b>	<b>959</b>	<b>1480</b>			<b>132.2</b>	<b>232.9</b>	<b>162.7</b>	<b>0.0</b>
<b>Mean</b>	<b>30.6</b>	<b>15.0</b>	<b>22.8</b>	<b>15.6</b>	<b>71.5</b>	<b>34.3</b>	<b>52.9</b>			<b>4.7</b>	<b>8.3</b>	<b>5.8</b>	<b>0.0</b>
<b>S.D.</b>	<b>2.2</b>	<b>3.0</b>	<b>2.4</b>	<b>2.2</b>	<b>15.5</b>	<b>8.9</b>	<b>10.0</b>			<b>1.3</b>	<b>1.5</b>	<b>1.2</b>	<b>0.0</b>
<b>C.V.%</b>	<b>7.3</b>	<b>19.9</b>	<b>10.5</b>	<b>14.4</b>	<b>21.6</b>	<b>26.0</b>	<b>18.9</b>			<b>26.8</b>	<b>18.4</b>	<b>20.7</b>	<b>0.0</b>
<b>High.</b>	<b>33.5</b>	<b>21.0</b>	<b>27.1</b>	<b>19.6</b>	<b>96.0</b>	<b>53.0</b>	<b>69.0</b>			<b>8.0</b>	<b>9.8</b>	<b>8.0</b>	<b>0.0</b>
<b>Low.</b>	<b>26.0</b>	<b>9.0</b>	<b>18.2</b>	<b>11.0</b>	<b>36.0</b>	<b>20.0</b>	<b>30.5</b>			<b>2.0</b>	<b>4.4</b>	<b>3.3</b>	<b>0.0</b>

February-2014												
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	17.0	33.0	14.4	21.4	10.7	12.0	22.7	23.0	27.6	34.2	31.8	28.4
2	17.8	32.5	15.0	21.2	11.1	11.9	24.6	24.4	28.0	34.4	31.5	28.5
3	17.2	32.0	15.2	20.6	11.8	11.2	24.5	24.2	28.0	32.2	31.4	29.0
4	22.0	31.2	16.6	19.2	10.9	09.4	24.5	24.0	28.0	37.2	31.5	29.0
5	16.5	32.0	14.5	20.0	11.2	10.3	24.0	24.0	28.0	37.0	31.5	29.0
6	17.4	31.2	17.0	20.5	14.3	11.8	25.0	24.6	28.5	38.2	32.5	29.5
7	20.4	30.0	18.6	21.0	15.0	13.1	25.0	24.8	28.5	37.2	31.5	29.2
8	18.5	26.2	15.4	18.0	11.5	10.5	23.7	24.2	27.5	32.0	30.0	28.5
9	13.4	27.0	11.2	15.6	08.7	06.4	21.5	22.0	27.0	34.2	29.5	28.0
10	12.0	28.0	10.0	18.0	08.0	09.4	20.5	21.5	27.0	35.5	29.5	27.5
11	15.0	26.2	13.6	15.0	10.9	06.0	21.0	22.5	27.0	36.0	30.0	27.5
12	12.2	28.0	10.0	16.6	07.8	07.3	20.5	21.0	26.5	36.5	30.0	27.5
13	13.4	25.4	11.0	19.2	08.4	12.9	20.5	21.0	26.5	31.5	26.0	27.5
14	14.8	26.2	14.0	19.0	11.5	12.1	21.8	21.0	26.0	35.5	30.5	27.1
15	18.4	26.8	16.0	17.4	12.1	09.2	23.5	22.0	27.0	34.0	29.5	27.5
16	16.6	27.0	13.4	14.8	09.6	05.3	20.6	21.7	26.5	32.5	29.8	27.6
17	19.2	30.4	12.2	18.0	06.5	07.9	20.0	20.8	26.5	36.6	30.5	27.4
18	18.0	31.8	11.0	19.0	05.6	08.7	22.0	22.4	27.0	33.0	32.0	28.5
19	14.0	31.6	13.0	20.2	10.7	10.8	22.6	23.0	27.5	32.2	32.0	28.5
20	19.6	30.0	18.2	21.6	14.8	14.2	25.2	24.6	28.4	32.0	31.8	29.0
21	20.0	28.6	18.0	21.2	14.3	14.3	24.5	24.5	28.5	32.4	31.0	29.4
22	21.0	30.0	18.0	19.0	13.6	09.8	25.0	24.0	28.2	36.5	32.0	28.0
23	19.0	30.5	14.8	21.6	10.1	13.8	24.5	24.0	28.5	36.6	33.5	30.2
24	24.0	31.5	18.2	22.5	12.1	15.1	26.5	26.0	29.2	37.8	32.5	30.0
25	18.0	32.2	16.0	24.0	12.5	17.3	25.5	25.2	29.5	40.0	33.0	30.2
26	23.0	32.0	15.0	21.4	07.9	12.6	25.5	25.2	30.0	40.5	33.5	31.0
27	20.2	31.6	16.8	20.0	12.3	10.5	25.5	25.5	29.6	38.2	32.0	30.0
28	19.2	29.0	15.4	17.4	10.8	07.8	24.5	24.6	29.4	38.2	32.0	30.0
<b>Total</b>	<b>497.8</b>	<b>831.9</b>	<b>412.5</b>	<b>543.4</b>	<b>304.7</b>	<b>301.6</b>	<b>655.2</b>	<b>655.7</b>	<b>779.9</b>	<b>992.1</b>	<b>872.3</b>	<b>803.5</b>
<b>Mean</b>	<b>17.8</b>	<b>29.7</b>	<b>14.7</b>	<b>19.4</b>	<b>10.9</b>	<b>10.8</b>	<b>23.4</b>	<b>23.4</b>	<b>27.9</b>	<b>35.4</b>	<b>31.2</b>	<b>28.7</b>
<b>S.D.</b>	<b>3.1</b>	<b>2.3</b>	<b>2.6</b>	<b>2.3</b>	<b>2.4</b>	<b>2.9</b>	<b>1.9</b>	<b>1.6</b>	<b>1.1</b>	<b>2.6</b>	<b>1.5</b>	<b>1.1</b>
<b>C.V.%</b>	<b>17.4</b>	<b>7.9</b>	<b>17.3</b>	<b>11.7</b>	<b>22.3</b>	<b>26.9</b>	<b>8.3</b>	<b>6.6</b>	<b>3.9</b>	<b>7.3</b>	<b>5.0</b>	<b>3.7</b>
<b>Highest</b>	<b>24.0</b>	<b>33.0</b>	<b>18.6</b>	<b>24.0</b>	<b>15.0</b>	<b>17.3</b>	<b>26.5</b>	<b>26.0</b>	<b>30.0</b>	<b>40.5</b>	<b>33.5</b>	<b>31.0</b>
<b>Lowest</b>	<b>12.0</b>	<b>25.4</b>	<b>10.0</b>	<b>14.8</b>	<b>5.6</b>	<b>5.3</b>	<b>20.0</b>	<b>20.8</b>	<b>26.0</b>	<b>31.5</b>	<b>26.0</b>	<b>27.1</b>



**March-2014**

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	29.5	13.5	21.5	16.0	63	26	45	34	34	06.1	09.2	06.3	000.0
2	30.2	14.5	22.4	15.7	46	20	33	36	32	05.6	10.0	07.8	000.0
3	31.0	12.5	21.8	18.5	91	32	62	18	14	03.4	06.9	07.5	000.0
4	32.5	13.5	23.0	19.0	78	33	56	16	07	04.5	09.9	06.6	000.0
5	32.8	13.5	23.2	19.3	50	30	40	32	34	05.8	10.0	07.7	000.0
6	33.5	18.4	26.0	15.1	65	30	48	14	32	06.0	08.9	08.8	000.0
7	34.8	17.4	26.1	17.4	62	38	50	20	34	04.5	10.2	08.0	000.0
8	35.4	18.0	26.7	17.4	64	47	56	34	05	03.5	07.4	06.4	000.0
9	36.0	16.0	26.0	20.0	95	56	76	14	34	03.7	06.5	04.3	003.0
10	35.8	16.0	25.9	19.8	96	46	71	14	32	04.6	07.2	05.3	004.4
11	34.0	16.6	25.3	17.4	96	41	69	34	20	03.6	09.7	03.8	000.0
12	34.5	16.5	25.5	18.0	44	36	40	16	34	05.1	10.4	07.3	000.0
13	34.5	15.5	25.0	19.0	61	29	45	14	20	07.3	07.7	09.4	000.0
14	36.0	17.0	26.5	19.0	49	16	33	34	34	05.6	10.3	10.1	000.0
15	37.5	17.4	27.5	20.1	65	18	42	20	23	03.8	08.9	08.3	000.0
16	38.0	16.5	27.3	21.5	75	28	52	36	27	03.6	10.4	08.8	000.0
17	38.2	23.0	30.6	15.2	46	20	33	02	34	06.8	10.3	09.2	000.0
18	37.0	22.2	29.6	14.8	59	25	42	36	32	07.4	10.6	08.6	000.0
19	34.5	14.5	24.5	20.0	87	9	48	34	34	04.1	10.2	08.2	000.0
20	37.0	15.4	26.2	21.6	76	15	46	25	25	03.0	10.4	08.0	000.0
21	37.4	17.5	27.5	19.9	79	31	55	02	29	04.9	10.8	09.5	000.0
22	32.8	20.2	26.5	12.6	83	14	49	34	32	06.4	10.5	07.9	000.0
23	36.0	19.0	27.5	17.0	88	45	67	34	32	05.4	10.2	07.0	000.0
24	37.2	21.5	29.4	15.7	63	16	40	32	25	05.7	09.3	06.6	000.0
25	36.8	17.5	27.2	19.3	83	28	56	34	20	05.4	10.8	09.4	000.0
26	35.6	20.8	28.2	14.8	81	21	51	05	02	06.1	10.0	06.8	000.0
27	36.0	22.0	29.0	14.0	58	17	38	05	34	06.0	10.5	08.6	000.0
28	38.5	21.0	29.8	17.5	84	16	50	34	27	05.9	10.3	08.2	000.0
29	37.0	18.6	27.8	18.4	78	22	50	32	34	06.3	10.6	09.4	000.0
30	35.6	18.5	27.1	17.1	48	17	33	05	05	08.2	10.3	10.0	000.0
31	37.6	19.0	28.3	18.6	75	24	50	02	32	06.4	09.3	10.0	000.0
<b>Total</b>	<b>1093.2</b>	<b>543.5</b>	<b>818.4</b>	<b>549.7</b>	<b>2188</b>	<b>846</b>	<b>1517</b>			<b>164.7</b>	<b>297.7</b>	<b>243.8</b>	<b>7.4</b>
<b>Mean</b>	<b>35.3</b>	<b>17.5</b>	<b>26.4</b>	<b>17.7</b>	<b>70.6</b>	<b>27.3</b>	<b>48.9</b>			<b>5.3</b>	<b>9.6</b>	<b>7.9</b>	<b>14.8</b>
<b>S.D.</b>	<b>2.3</b>	<b>2.8</b>	<b>2.3</b>	<b>2.2</b>	<b>16.0</b>	<b>11.4</b>	<b>11.3</b>			<b>1.3</b>	<b>1.2</b>	<b>1.6</b>	<b>29.6</b>
<b>C.V.%</b>	<b>6.6</b>	<b>15.9</b>	<b>8.8</b>	<b>12.6</b>	<b>22.7</b>	<b>41.7</b>	<b>23.0</b>			<b>24.7</b>	<b>12.7</b>	<b>20.1</b>	<b>59.2</b>
<b>High.</b>	<b>38.5</b>	<b>23.0</b>	<b>30.6</b>	<b>21.6</b>	<b>96.0</b>	<b>56.0</b>	<b>75.5</b>			<b>8.2</b>	<b>10.8</b>	<b>10.1</b>	<b>118.4</b>
<b>Low.</b>	<b>29.5</b>	<b>12.5</b>	<b>21.5</b>	<b>12.6</b>	<b>44.0</b>	<b>9.0</b>	<b>32.5</b>			<b>3.0</b>	<b>6.5</b>	<b>3.8</b>	<b>236.8</b>

<b>March-2014</b>												
<b>Date</b>	<b>D.B. (°C)</b>		<b>W.B. (°C)</b>		<b>V.P.(mmHg)</b>		<b>Soil Temperature (°C)</b>					
	<b>I</b>	<b>II</b>	<b>I</b>	<b>II</b>	<b>I</b>	<b>II</b>	<b>5(I)</b>	<b>10(I)</b>	<b>20(I)</b>	<b>5(II)</b>	<b>10(II)</b>	<b>20(II)</b>
<b>1</b>	19.0	29.5	15.0	17.8	10.4	08.0	23.5	24.0	28.6	39.0	32.5	29.8
<b>2</b>	22.2	30.4	15.5	17.0	10.1	06.4	24.0	23.5	28.5	38.5	32.0	29.0
<b>3</b>	14.0	31.8	13.2	20.5	10.9	11.4	23.0	24.0	28.5	40.5	32.8	29.6
<b>4</b>	14.8	32.2	12.8	21.0	09.9	11.8	24.5	25.0	29.2	40.5	33.2	30.2
<b>5</b>	23.2	32.5	17.0	20.8	10.8	11.2	25.8	26.0	29.6	41.8	34.2	31.0
<b>6</b>	19.8	34.6	16.0	22.2	11.3	12.5	27.0	26.6	30.5	42.5	34.6	31.5
<b>7</b>	21.0	35.0	16.6	24.2	13.4	16.0	26.8	26.6	30.6	43.0	35.4	32.0
<b>8</b>	23.0	35.0	18.6	26.0	13.4	19.7	28.0	28.0	31.0	43.2	35.4	32.5
<b>9</b>	22.5	34.0	22.0	27.0	19.5	22.4	26.5	26.0	30.0	41.0	34.0	31.5
<b>10</b>	19.4	34.0	19.0	25.0	16.3	18.2	23.5	24.2	29.0	41.0	33.5	30.4
<b>11</b>	19.0	34.0	18.0	24.0	14.9	16.3	24.0	25.2	29.6	41.5	34.0	31.0
<b>12</b>	24.5	34.0	17.2	23.0	10.3	14.3	25.8	26.0	30.2	41.0	34.5	31.5
<b>13</b>	17.5	35.6	13.6	22.6	09.3	12.6	25.5	26.0	30.5	42.4	35.2	32.0
<b>14</b>	20.6	37.6	14.6	20.6	08.9	07.8	27.0	27.2	31.5	44.0	36.6	32.2
<b>15</b>	22.6	37.2	18.4	21.0	13.3	08.7	26.8	27.6	31.8	44.0	37.5	33.5
<b>16</b>	23.0	35.0	20.0	22.0	15.7	11.8	27.5	27.0	32.0	44.5	37.5	33.5
<b>17</b>	26.0	36.0	18.6	20.6	11.6	08.8	28.8	28.5	32.7	43.5	37.5	34.4
<b>18</b>	23.6	34.6	18.5	21.0	12.9	10.3	23.2	27.2	32.6	44.0	37.0	34.0
<b>19</b>	20.0	36.4	18.6	18.0	15.2	02.3	26.0	27.0	32.0	44.6	37.0	33.5
<b>20</b>	17.6	37.0	15.2	20.0	11.5	07.2	25.5	27.5	32.4	44.2	37.0	33.5
<b>21</b>	22.0	32.5	19.5	21.0	15.7	11.5	27.5	27.5	32.2	42.8	35.5	33.0
<b>22</b>	23.0	36.0	21.0	19.0	17.4	06.1	28.2	28.0	32.0	43.0	35.2	33.2
<b>23</b>	23.4	37.0	22.0	27.4	19.0	21.5	29.5	28.0	33.0	45.5	36.6	34.6
<b>24</b>	23.5	36.6	19.0	20.0	13.6	07.4	29.2	29.0	33.2	45.0	37.5	34.5
<b>25</b>	22.5	34.6	20.5	21.5	17.0	11.4	27.5	27.4	32.8	44.2	37.0	34.0
<b>26</b>	23.2	35.0	21.0	20.2	17.3	08.7	29.0	29.0	33.2	40.5	37.5	34.5
<b>27</b>	24.8	37.6	19.4	21.0	13.6	08.5	30.0	29.8	33.8	41.0	37.0	34.8
<b>28</b>	23.0	36.8	21.2	20.2	17.8	07.6	29.5	29.5	33.8	45.5	38.0	35.0
<b>29</b>	22.6	35.2	20.0	20.8	16.0	09.7	28.8	29.0	33.5	44.0	37.5	34.2
<b>30</b>	25.6	37.6	18.5	21.0	11.8	08.5	30.2	30.0	34.0	44.5	37.0	34.5
<b>31</b>	23.0	36.6	20.0	22.6	15.7	10.9	29.5	29.5	34.0	45.0	38.2	35.4
<b>Total</b>	<b>669.9</b>	<b>1081.9</b>	<b>560.5</b>	<b>669.0</b>	<b>424.5</b>	<b>349.5</b>	<b>831.6</b>	<b>839.8</b>	<b>976.3</b>	<b>1325.7</b>	<b>1108.4</b>	<b>1014.3</b>
<b>Mean</b>	<b>21.6</b>	<b>34.9</b>	<b>18.1</b>	<b>21.6</b>	<b>13.7</b>	<b>11.3</b>	<b>26.8</b>	<b>27.1</b>	<b>31.5</b>	<b>42.8</b>	<b>35.8</b>	<b>32.7</b>
<b>S.D.</b>	<b>2.9</b>	<b>2.1</b>	<b>2.6</b>	<b>2.5</b>	<b>3.0</b>	<b>4.6</b>	<b>2.2</b>	<b>1.8</b>	<b>1.8</b>	<b>1.9</b>	<b>1.8</b>	<b>1.8</b>
<b>C.V.%</b>	<b>13.3</b>	<b>6.0</b>	<b>14.2</b>	<b>11.4</b>	<b>22.0</b>	<b>41.1</b>	<b>8.2</b>	<b>6.6</b>	<b>5.6</b>	<b>4.4</b>	<b>5.0</b>	<b>5.5</b>
<b>Highest</b>	<b>26.0</b>	<b>37.6</b>	<b>22.0</b>	<b>27.4</b>	<b>19.5</b>	<b>22.4</b>	<b>30.2</b>	<b>30.0</b>	<b>34.0</b>	<b>45.5</b>	<b>38.2</b>	<b>35.4</b>
<b>Lowest</b>	<b>14.0</b>	<b>29.5</b>	<b>12.8</b>	<b>17.0</b>	<b>8.9</b>	<b>2.3</b>	<b>23.0</b>	<b>23.5</b>	<b>28.5</b>	<b>38.5</b>	<b>32.0</b>	<b>29.0</b>

**April-2014**

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	37.0	21.5	29.3	15.5	75	18	47	34	29	07.4	10.0	09.5	000.0
2	38.0	20.2	29.1	17.8	73	32	53	c	27	05.6	10.3	10.6	000.0
3	36.8	21.0	28.9	15.8	91	24	58	29	25	05.9	10.3	09.0	000.0
4	37.0	22.0	29.5	15.0	69	17	43	c	34	05.4	10.2	08.5	000.0
5	39.8	23.0	31.4	16.8	68	13	41	34	27	05.9	10.4	10.2	000.0
6	39.8	19.2	29.5	20.6	91	21	56	34	32	05.9	10.0	10.0	000.0
7	38.8	19.0	28.9	19.8	69	29	49	02	32	05.5	09.8	08.0	000.0
8	38.0	22.0	30.0	16.0	73	17	45	34	34	05.4	09.3	09.2	000.0
9	38.4	22.0	30.2	16.4	65	20	43	32	25	05.1	08.7	09.0	000.0
10	37.0	19.5	28.3	17.5	70	25	48	32	25	05.5	09.8	09.2	000.0
11	36.6	20.5	28.6	16.1	86	27	57	25	23	04.7	10.1	07.8	000.0
12	37.2	20.0	28.6	17.2	61	25	43	25	27	05.9	10.3	08.7	000.0
13	37.5	19.0	28.3	18.5	95	22	59	23	20	05.5	09.8	08.0	000.0
14	36.6	19.0	27.8	17.6	87	22	55	32	29	05.7	09.8	09.0	000.0
15	38.0	18.8	28.4	19.2	87	34	61	36	25	05.4	10.5	07.5	000.0
16	38.5	22.4	30.5	16.1	92	32	62	23	23	04.9	08.3	08.5	000.0
17	39.6	23.5	31.6	16.1	88	39	64	32	29	05.6	10.2	08.0	000.0
18	37.6	24.0	30.8	13.6	87	41	64	32	23	08.3	10.0	10.5	000.0
19	35.5	23.5	29.5	12.0	90	42	66	16	27	07.0	09.8	07.0	000.0
20	37.4	22.6	30.0	14.8	87	40	64	29	34	06.0	09.2	09.1	000.0
21	39.4	22.0	30.7	17.4	60	29	45	09	11	04.6	09.6	07.0	000.0
22	38.8	26.0	32.4	12.8	49	15	32	34	23	06.9	10.5	11.0	000.0
23	41.0	24.6	32.8	16.4	42	11	27	34	32	06.4	09.7	09.7	000.0
24	41.4	25.3	33.4	16.1	55	15	35	05	02	06.8	10.5	13.2	000.0
25	41.5	23.0	32.3	18.5	48	19	34	36	32	06.1	10.0	11.0	000.0
26	40.2	22.5	31.4	17.7	57	17	37	02	34	06.4	10.6	11.4	000.0
27	39.6	24.0	31.8	15.6	73	11	42	29	05	05.2	10.7	11.0	000.0
28	40.5	22.0	31.3	18.5	49	17	33	29	09	05.7	09.7	11.0	000.0
29	43.4	24.4	33.9	19.0	90	20	55	23	23	05.4	08.6	09.0	000.0
30	42.5	23.2	32.9	19.3	87	22	55	18	32	4.7	11.0	9.0	000.0
<b>Total</b>	<b>1163.4</b>	<b>659.7</b>	<b>911.6</b>	<b>503.7</b>	<b>2214</b>	<b>716</b>	<b>1465</b>			<b>174.8</b>	<b>298</b>	<b>280.6</b>	<b>0.0</b>
<b>Mean</b>	<b>38.8</b>	<b>22.0</b>	<b>30.4</b>	<b>16.8</b>	<b>73.8</b>	<b>23.9</b>	<b>48.8</b>			<b>5.8</b>	<b>9.9</b>	<b>9.4</b>	<b>0.0</b>
<b>S.D.</b>	<b>1.9</b>	<b>2.0</b>	<b>1.7</b>	<b>2.0</b>	<b>15.7</b>	<b>8.9</b>	<b>11.0</b>			<b>0.8</b>	<b>0.6</b>	<b>1.4</b>	<b>0.0</b>
<b>C.V.%</b>	<b>4.9</b>	<b>9.2</b>	<b>5.6</b>	<b>11.9</b>	<b>21.3</b>	<b>37.4</b>	<b>22.6</b>			<b>14.2</b>	<b>6.2</b>	<b>15.3</b>	<b>0.0</b>
<b>High.</b>	<b>43.4</b>	<b>26.0</b>	<b>33.9</b>	<b>20.6</b>	<b>95.0</b>	<b>42.0</b>	<b>66.0</b>			<b>8.3</b>	<b>11.0</b>	<b>13.2</b>	<b>0.0</b>
<b>Low.</b>	<b>35.5</b>	<b>18.8</b>	<b>27.8</b>	<b>12.0</b>	<b>42.0</b>	<b>11.0</b>	<b>26.5</b>			<b>4.6</b>	<b>8.3</b>	<b>7.0</b>	<b>0.0</b>

**April-2014**

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	24.4	37.4	21.4	21.0	17.3	08.6	29.8	29.2	34.0	45.6	38.6	35.4
2	26.0	30.6	22.6	23.6	18.4	14.3	30.0	29.6	34.2	45.5	38.5	35.5
3	23.5	36.5	22.5	22.0	19.9	10.9	30.0	30.0	34.4	42.8	39.2	35.6
4	24.5	40.0	20.8	22.4	16.1	09.5	30.5	30.5	35.0	43.4	39.6	36.0
5	25.5	39.0	21.5	22.6	16.9	07.0	31.0	31.0	35.4	47.0	39.0	36.0
6	23.0	38.2	22.0	22.4	19.2	10.7	30.0	30.2	35.2	46.5	39.0	35.6
7	26.0	37.0	22.0	23.6	19.9	13.6	31.0	30.5	35.2	46.5	39.0	36.2
8	25.0	37.6	21.5	21.0	17.3	08.5	30.5	30.5	35.2	45.0	39.0	36.0
9	25.0	36.8	20.6	21.2	15.5	09.3	30.5	30.2	35.2	47.0	40.0	37.0
10	23.2	36.0	19.6	22.0	14.5	11.2	29.5	29.8	34.8	47.0	39.6	35.5
11	21.5	36.0	20.0	22.4	16.6	12.0	29.5	30.0	35.0	47.5	39.0	36.0
12	25.6	37.0	20.5	22.5	15.2	11.7	29.8	30.2	35.0	47.0	39.2	36.4
13	22.5	36.2	22.0	21.4	19.5	10.0	30.0	30.2	35.0	47.2	39.4	36.2
14	25.6	37.6	24.0	22.2	21.5	10.7	32.0	31.5	34.4	46.8	39.8	36.5
15	25.6	38.0	24.0	25.5	21.5	17.0	33.0	32.6	36.0	47.5	40.5	37.0
16	25.6	40.0	24.6	26.5	22.5	17.9	32.2	32.0	37.0	48.0	41.2	37.5
17	26.0	37.2	24.5	26.0	22.4	18.3	32.2	32.5	36.5	49.0	41.0	37.6
18	26.0	37.0	24.4	26.4	22.0	19.2	32.0	32.5	36.5	47.5	40.0	37.0
19	25.8	37.2	24.5	26.8	22.5	19.9	32.2	32.8	36.6	47.5	41.4	37.8
20	25.6	37.6	24.0	26.5	21.5	19.3	32.0	32.6	36.8	48.0	40.8	36.5
21	26.5	37.6	21.5	24.0	16.3	14.0	32.2	32.5	37.0	49.6	41.6	38.2
22	29.0	40.4	21.5	22.0	14.8	08.5	32.5	33.5	37.5	50.0	43.0	38.6
23	31.2	41.5	20.0	21.2	14.2	06.4	32.2	33.5	37.5	51.0	43.0	39.0
24	28.8	39.0	22.4	21.0	16.4	07.7	32.4	33.6	38.0	50.5	42.5	39.0
25	28.6	39.5	21.0	22.6	14.0	10.2	32.0	33.0	37.8	50.0	42.0	38.6
26	27.6	38.2	21.6	21.0	15.7	08.2	32.2	33.0	37.6	50.0	41.0	38.2
27	27.4	39.6	23.8	20.4	19.9	06.2	32.0	33.0	37.4	49.8	41.5	38.5
28	30.8	43.0	23.0	24.2	16.3	10.7	32.5	34.2	38.5	51.0	41.8	39.8
29	26.6	42.0	25.4	24.6	23.6	12.5	32.5	34.0	38.5	51.5	43.5	39.6
30	26.6	40.6	25.0	24.2	22.8	12.6	32.0	34.4	38.6	51.0	42.0	39.0
<b>Total</b>	<b>779.0</b>	<b>1144.3</b>	<b>672.2</b>	<b>693.2</b>	<b>554.2</b>	<b>356.6</b>	<b>940.2</b>	<b>953.1</b>	<b>1085.8</b>	<b>1436.7</b>	<b>1215.7</b>	<b>1115.8</b>
<b>Mean</b>	<b>26.0</b>	<b>38.1</b>	<b>22.4</b>	<b>23.1</b>	<b>18.5</b>	<b>11.9</b>	<b>31.3</b>	<b>31.8</b>	<b>36.2</b>	<b>47.9</b>	<b>40.5</b>	<b>37.2</b>
<b>S.D.</b>	<b>2.2</b>	<b>2.3</b>	<b>1.7</b>	<b>1.9</b>	<b>3.0</b>	<b>4.0</b>	<b>1.1</b>	<b>1.6</b>	<b>1.4</b>	<b>2.2</b>	<b>1.5</b>	<b>1.4</b>
<b>C.V.%</b>	<b>8.5</b>	<b>6.1</b>	<b>7.4</b>	<b>8.4</b>	<b>16.3</b>	<b>33.7</b>	<b>3.6</b>	<b>5.0</b>	<b>3.9</b>	<b>4.7</b>	<b>3.6</b>	<b>3.7</b>
<b>Highest</b>	<b>31.2</b>	<b>43.0</b>	<b>25.4</b>	<b>26.8</b>	<b>23.6</b>	<b>19.9</b>	<b>33.0</b>	<b>34.4</b>	<b>38.6</b>	<b>51.5</b>	<b>43.5</b>	<b>39.8</b>
<b>Lowest</b>	<b>21.5</b>	<b>30.6</b>	<b>19.6</b>	<b>20.4</b>	<b>14.0</b>	<b>6.2</b>	<b>29.5</b>	<b>29.2</b>	<b>34.0</b>	<b>42.8</b>	<b>38.5</b>	<b>35.4</b>

**May-2014**

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	40.8	22.6	31.7	18.2	95	23	59	34	23	5.0	11.0	10.0	000.0
2	41.2	24.5	32.9	16.7	84	26	55	25	23	6.0	10.5	12.0	000.0
3	38.8	24.5	31.7	14.3	94	34	64	16	25	7.3	10.7	10.3	000.0
4	39.0	25.0	32.0	14.0	76	35	56	29	27	10.3	10.2	10.5	000.0
5	39.2	24.5	31.9	14.7	87	36	62	16	25	6.5	9.8	9.3	000.0
6	39.2	24.0	31.6	15.2	82	22	52	34	23	8.1	9.8	8.2	000.0
7	41.5	24.0	32.8	17.5	43	13	28	34	34	06.6	10.0	10.0	000.0
8	43.6	27.0	35.3	16.6	65	17	41	34	29	06.8	09.7	12.4	000.0
9	41.8	24.2	33.0	17.6	70	17	44	34	25	05.8	10.7	13.0	000.0
10	41.4	24.4	32.9	17.0	84	47	66	14	27	09.5	11.1	12.5	000.0
11	37.1	25.3	31.2	11.8	83	45	64	18	25	11.3	10.5	09.4	000.0
12	37.0	25.0	31.0	12.0	85	44	65	25	25	09.5	10.6	08.8	000.0
13	37.5	24.6	31.1	12.9	86	59	73	23	27	09.6	10.2	11.0	000.0
14	36.0	24.5	30.3	11.5	83	53	68	18	23	10.4	10.4	09.5	000.0
15	36.4	25.0	30.7	11.4	91	51	71	34	27	08.2	10.6	08.5	000.0
16	36.8	24.0	30.4	12.8	92	58	75	18	25	08.0	10.5	09.8	000.0
17	37.8	24.0	30.9	13.8	91	59	75	25	36	08.7	09.2	08.8	000.0
18	37.7	25.0	31.4	12.7	86	46	66	29	36	07.6	09.3	09.7	000.0
19	39.5	25.0	32.3	14.5	94	42	68	27	36	08.2	10.0	09.2	000.0
20	40.8	24.5	32.7	16.3	89	37	63	36	29	08.2	09.8	10.6	000.0
21	41.4	24.0	32.7	17.4	94	40	67	34	34	07.3	10.2	12.2	000.0
22	41.5	23.0	32.3	18.5	95	50	73	02	25	07.0	10.8	11.1	000.0
23	40.0	24.0	32.0	16.0	87	46	67	34	25	07.5	10.2	10.0	000.0
24	40.5	25.0	32.8	15.5	95	45	70	20	27	08.2	10.7	12.7	000.0
25	41.0	26.0	33.5	15.0	87	43	65	34	23	08.1	10.2	11.5	000.0
26	40.4	25.5	33.0	14.9	85	37	61	32	23	09.1	08.2	10.0	000.0
27	41.2	24.5	32.9	16.7	85	48	67	32	23	06.6	09.6	09.2	000.0
28	42.5	24.5	33.5	18.0	91	45	68	23	25	07.0	08.3	09.8	000.0
29	41.0	25.5	33.3	15.5	92	43	68	20	25	07.4	09.0	09.8	000.0
30	40.5	25.5	33.0	15.0	95	33	64	16	25	10.3	09.7	11.2	000.0
31	40.0	25.5	32.8	14.5	85	41	63	23	25	10.9	10.1	12.0	000.0
<b>Total</b>	<b>793.0</b>	<b>764.6</b>	<b>998.9</b>	<b>468.5</b>	<b>2651</b>	<b>1235</b>	<b>1943</b>			<b>251.0</b>	<b>311.6</b>	<b>323.0</b>	<b>0.0</b>
<b>Mean</b>	<b>39.8</b>	<b>24.7</b>	<b>32.2</b>	<b>15.1</b>	<b>85.5</b>	<b>39.8</b>	<b>62.7</b>			<b>8.1</b>	<b>10.1</b>	<b>10.4</b>	<b>0.0</b>
<b>S.D.</b>	<b>1.9</b>	<b>0.8</b>	<b>1.1</b>	<b>2.1</b>	<b>10.6</b>	<b>12.2</b>	<b>10.2</b>			<b>1.6</b>	<b>0.7</b>	<b>1.3</b>	<b>0.0</b>
<b>C.V.%</b>	<b>4.9</b>	<b>3.4</b>	<b>3.4</b>	<b>13.7</b>	<b>12.4</b>	<b>30.7</b>	<b>16.2</b>			<b>19.3</b>	<b>7.0</b>	<b>12.8</b>	<b>0.0</b>
<b>High.</b>	<b>43.6</b>	<b>27.0</b>	<b>35.3</b>	<b>18.5</b>	<b>95.0</b>	<b>59.0</b>	<b>75.0</b>			<b>11.3</b>	<b>11.1</b>	<b>13.0</b>	<b>0.0</b>
<b>Low.</b>	<b>36.0</b>	<b>22.6</b>	<b>30.3</b>	<b>11.4</b>	<b>43.0</b>	<b>13.0</b>	<b>28.0</b>			<b>5.0</b>	<b>8.2</b>	<b>8.2</b>	<b>0.0</b>

**May-2014**

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	26.4	40.0	25.8	24.0	24.5	12.6	32.2	38.8	38.5	51.0	43.0	39.5
2	27.0	38.5	25.0	24.0	22.5	13.4	32.5	34.2	38.5	50.4	42.8	39.6
3	27.5	38.6	26.8	26.0	26.0	17.4	32.5	34.4	38.5	50.2	43.0	39.6
4	28.5	37.8	25.4	25.6	22.4	17.1	31.5	34.0	38.2	49.0	43.0	39.5
5	26.5	38.6	25.0	26.6	22.8	18.8	32.6	34.5	38.5	50.5	43.2	39.5
6	28.0	41.4	25.6	24.6	23.2	12.9	32.5	34.0	38.5	51.0	43.5	39.5
7	31.5	42.4	22.5	22.6	15.1	08.4	32.2	34.5	38.6	51.4	43.8	40.0
8	30.0	41.2	25.0	23.0	20.7	09.9	32.0	35.0	39.3	50.5	43.4	40.0
9	27.4	39.2	23.4	22.0	19.1	09.3	32.0	34.5	39.2	49.6	43.0	40.0
10	28.5	35.4	26.4	26.5	24.5	21.1	33.5	35.8	38.8	47.0	42.0	39.5
11	28.8	36.6	26.6	27.0	24.8	18.7	35.5	34.0	38.0	48.5	43.6	39.4
12	28.4	35.6	26.4	26.0	24.6	19.3	32.0	33.6	37.8	48.0	43.2	39.0
13	28.4	34.5	26.6	28.0	25.1	24.3	32.4	33.5	37.8	47.0	41.0	38.6
14	28.2	36.0	26.0	28.0	23.9	23.3	32.0	33.4	37.2	48.0	41.5	38.6
15	28.0	36.5	26.8	28.2	25.7	23.5	32.0	33.5	37.8	48.0	42.0	38.8
16	28.0	36.0	27.0	29.0	26.1	25.7	32.0	33.5	37.7	47.2	42.0	38.0
17	29.2	36.0	28.0	29.2	27.5	26.1	36.0	34.5	37.5	48.2	42.0	38.2
18	28.9	38.8	27.0	29.0	26.1	24.1	36.5	34.0	37.9	50.0	45.0	40.0
19	28.0	39.8	27.2	28.7	26.6	22.7	36.0	34.5	38.6	50.5	44.8	39.6
20	28.5	40.5	27.0	28.4	25.7	21.5	35.8	34.6	39.2	50.2	43.5	37.7
21	27.5	40.6	26.8	29.0	26.0	22.9	34.0	34.0	38.5	50.5	43.5	39.8
22	27.6	39.0	27.0	30.0	26.4	26.3	34.4	34.0	38.6	50.5	43.6	39.8
23	28.0	40.0	26.4	30.0	24.8	25.7	35.5	34.5	38.5	49.8	43.4	39.8
24	28.0	40.0	27.4	29.6	27.1	24.6	34.5	34.0	39.0	50.2	43.5	39.8
25	27.6	39.8	26.0	29.0	24.2	23.3	35.8	34.6	38.6	49.6	43.2	39.6
26	28.4	41.0	26.4	28.6	24.6	21.7	36.5	35.2	39.0	52.0	44.5	40.4
27	28.5	39.5	26.6	30.4	26.4	25.8	35.5	35.0	39.4	52.0	44.5	40.5
28	28.6	40.4	27.4	30.2	26.6	25.4	35.6	35.2	39.2	51.5	44.4	40.4
29	28.6	40.0	27.6	29.2	27.1	25.0	35.5	35.2	39.4	48.0	43.5	40.5
30	29.0	39.0	28.4	26.0	28.7	17.2	32.5	35.0	39.2	49.5	43.2	40.2
31	28.6	38.0	26.6	27.2	24.9	20.4	32.6	34.8	39.0	50.0	43.0	40.0
<b>Total</b>	<b>876.1</b>	<b>1200.7</b>	<b>816.1</b>	<b>845.6</b>	<b>763.7</b>	<b>628.4</b>	<b>1046</b>	<b>1070</b>	<b>1194.5</b>	<b>1539.8</b>	<b>1339.6</b>	<b>1225.4</b>
<b>Mean</b>	<b>28.3</b>	<b>38.7</b>	<b>26.3</b>	<b>27.3</b>	<b>24.6</b>	<b>20.3</b>	<b>33.7</b>	<b>34.5</b>	<b>38.5</b>	<b>49.7</b>	<b>43.2</b>	<b>39.5</b>
<b>S.D.</b>	<b>1.0</b>	<b>2.0</b>	<b>1.2</b>	<b>2.4</b>	<b>2.7</b>	<b>5.4</b>	<b>1.7</b>	<b>1.0</b>	<b>0.6</b>	<b>1.4</b>	<b>0.9</b>	<b>0.7</b>
<b>C.V.%</b>	<b>3.4</b>	<b>5.2</b>	<b>4.7</b>	<b>8.7</b>	<b>10.8</b>	<b>26.5</b>	<b>5.1</b>	<b>2.9</b>	<b>1.5</b>	<b>2.9</b>	<b>2.1</b>	<b>1.8</b>
<b>Highest</b>	<b>31.5</b>	<b>42.4</b>	<b>28.4</b>	<b>30.4</b>	<b>28.7</b>	<b>26.3</b>	<b>36.5</b>	<b>38.8</b>	<b>39.4</b>	<b>52.0</b>	<b>45.0</b>	<b>40.5</b>
<b>Lowest</b>	<b>26.4</b>	<b>34.5</b>	<b>22.5</b>	<b>22.0</b>	<b>15.1</b>	<b>8.4</b>	<b>31.5</b>	<b>33.4</b>	<b>37.2</b>	<b>47.0</b>	<b>41.0</b>	<b>37.7</b>

**June-2014**

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	38.5	25.6	32.1	12.9	88	39	64	23	20	09.6	09.6	10.0	000.0
2	39.4	25.5	32.5	13.9	82	43	63	34	32	08.7	09.4	10.0	000.0
3	42.4	25.6	34.0	16.8	85	42	64	23	34	07.0	09.5	09.2	000.0
4	41.5	26.5	34.0	15.0	89	50	70	29	23	08.1	07.6	11.0	000.0
5	40.0	25.6	32.8	14.4	85	53	69	23	25	08.4	09.3	10.0	000.0
6	39.5	26.0	32.8	13.5	83	43	63	23	25	07.8	08.8	09.9	000.0
7	39.8	26.2	33.0	13.6	85	42	64	29	25	08.3	09.1	10.5	000.0
8	39.5	25.5	32.5	14.0	74	43	59	20	23	09.2	09.6	10.2	000.0
9	39.5	25.5	32.5	14.0	85	43	64	25	20	11.3	09.3	08.8	000.0
10	39.6	27.0	33.3	12.6	83	51	67	20	20	11.6	09.1	11.8	000.0
11	39.8	27.6	33.7	12.2	83	62	73	14	14	11.3	06.3	10.0	000.0
12	38.4	26.5	32.5	11.9	80	65	73	16	20	15.3	06.9	11.5	000.0
13	36.6	26.0	31.3	10.6	88	59	74	16	23	14.8	06.1	09.0	000.4
14	35.6	26.5	31.1	9.1	78	59	69	23	14	13.8	04.3	07.0	000.0
15	35.7	23.5	29.6	12.2	85	70	78	16	14	11.6	02.4	06.1	012.6
16	32.8	22.5	27.7	10.3	92	76	84	14	20	08.4	00.9	04.0	223.0
17	32.2	25.0	28.6	7.2	85	70	78	14	14	06.5	00.7	04.3	015.0
18	33.2	25.4	29.3	7.8	85	61	73	20	23	08.6	02.6	04.8	000.0
19	34.4	26.0	30.2	8.4	86	55	71	20	25	08.6	03.8	05.0	000.0
20	35.0	25.6	30.3	9.4	85	56	71	20	23	14.6	02.7	06.6	000.0
21	35.6	26.5	31.1	9.1	78	55	67	23	23	13.3	04.3	07.8	000.0
22	36.0	26.4	31.2	9.6	72	54	63	25	27	18.6	04.0	08.1	000.0
23	35.7	26.5	31.1	9.2	81	55	68	23	25	18.2	03.7	09.3	000.0
24	35.5	25.5	30.5	10.0	77	53	65	27	29	17.3	03.2	09.2	000.0
25	35.8	26.5	31.2	9.3	75	53	64	23	25	16.3	05.0	08.0	000.0
26	36.0	25.5	30.8	10.5	78	48	63	23	25	15.3	03.3	08.0	000.0
27	36.2	25.2	30.7	11.0	81	42	62	20	25	12.3	05.5	09.7	000.0
28	36.8	25.0	30.9	11.8	79	44	62	23	25	09.2	06.0	08.8	000.0
29	36.7	25.5	31.1	11.2	67	45	56	25	27	11.5	06.4	08.3	000.0
30	36.0	24.2	30.1	11.8	75	48	62	25	25	12.3	05.4	09.6	000.0
<b>Total</b>	<b>1113.7</b>	<b>770.4</b>	<b>942.1</b>	<b>343.3</b>	<b>2449</b>	<b>1579</b>	<b>2014</b>			<b>347.8</b>	<b>174.8</b>	<b>256.5</b>	<b>251.0</b>
<b>Mean</b>	<b>37.1</b>	<b>25.7</b>	<b>31.4</b>	<b>11.4</b>	<b>81.6</b>	<b>52.6</b>	<b>67.1</b>			<b>11.6</b>	<b>5.8</b>	<b>8.6</b>	<b>8.4</b>
<b>S.D.</b>	<b>2.6</b>	<b>1.0</b>	<b>1.6</b>	<b>2.3</b>	<b>5.5</b>	<b>9.6</b>	<b>6.2</b>			<b>3.5</b>	<b>2.8</b>	<b>2.1</b>	<b>40.7</b>
<b>C.V.%</b>	<b>6.9</b>	<b>3.9</b>	<b>5.0</b>	<b>20.3</b>	<b>6.8</b>	<b>18.2</b>	<b>9.2</b>			<b>30.0</b>	<b>48.1</b>	<b>24.3</b>	<b>486.3</b>
<b>High.</b>	<b>42.4</b>	<b>27.6</b>	<b>34.0</b>	<b>16.8</b>	<b>92.0</b>	<b>76.0</b>	<b>84.0</b>			<b>18.6</b>	<b>9.6</b>	<b>11.8</b>	<b>223</b>
<b>Low.</b>	<b>32.2</b>	<b>22.5</b>	<b>27.7</b>	<b>7.2</b>	<b>67.0</b>	<b>39.0</b>	<b>56.0</b>			<b>6.5</b>	<b>0.7</b>	<b>4.0</b>	<b>0.0</b>

**June -2014**

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	28.4	39.0	26.8	27.6	25.5	20.1	32.5	34.6	39.0	49.8	42.5	40.0
2	29.5	40.5	27.2	29.8	25.5	24.8	33.5	35.0	39.2	49.8	40.5	40.0
3	29.4	41.2	27.4	30.0	26.1	24.9	33.8	35.5	39.6	51.0	45.4	40.2
4	29.2	39.0	27.8	31.0	27.2	26.3	34.5	36.0	39.8	52.0	46.6	41.0
5	30.0	38.2	28.0	30.4	27.1	26.7	35.0	35.8	39.8	51.5	44.0	40.8
6	29.2	39.5	27.0	29.0	25.4	23.5	34.5	35.5	39.2	51.6	44.2	39.8
7	29.6	38.5	27.6	28.0	26.4	21.9	35.5	35.8	39.6	50.2	44.2	40.8
8	30.5	38.6	27.0	28.2	24.5	22.3	36.0	35.5	39.5	50.0	44.4	40.6
9	29.0	39.6	27.0	29.0	25.5	23.5	33.5	35.0	37.0	52.0	44.5	40.0
10	31.0	38.8	28.6	31.0	27.9	26.4	35.2	35.5	39.6	52.0	43.6	40.5
11	31.0	36.2	28.6	31.0	27.9	28.0	35.5	36.0	39.8	51.0	43.5	40.5
12	30.4	35.4	27.6	29.8	26.0	28.0	35.0	35.5	34.5	41.5	41.0	40.0
13	30.0	34.0	28.4	27.6	28.0	23.8	33.5	34.0	38.5	43.5	44.0	39.0
14	30.0	33.6	27.0	27.2	24.9	23.1	32.8	33.5	37.6	41.0	42.2	36.6
15	30.0	29.8	28.0	25.6	27.1	22.0	31.0	31.5	36.0	38.2	39.0	33.4
16	28.6	31.0	27.6	27.6	27.1	25.7	30.0	29.0	31.6	35.5	31.4	32.5
17	29.0	34.4	27.0	27.0	25.5	24.1	29.8	29.2	32.5	34.6	34.0	34.0
18	28.6	33.5	26.6	27.5	24.9	24.1	30.0	29.4	33.2	36.0	35.0	34.5
19	29.2	34.5	27.4	27.4	26.3	22.9	30.5	30.0	33.8	38.5	35.2	35.0
20	29.4	35.0	27.4	27.8	26.1	23.6	30.2	30.0	34.0	42.0	36.5	35.2
21	30.0	35.0	27.0	27.6	24.9	23.1	31.0	30.5	34.2	42.5	37.5	35.4
22	30.6	34.5	26.6	27.2	23.6	22.5	32.0	30.5	34.5	42.0	37.5	35.5
23	29.5	34.0	27.0	26.8	25.2	22.0	34.6	31.0	34.6	42.0	38.0	35.6
24	30.0	34.5	26.8	27.0	24.5	22.1	31.8	31.5	35.0	42.5	38.5	35.2
25	30.0	34.5	26.5	27.0	24.1	22.1	32.5	32.0	35.4	42.5	38.5	36.5
26	29.6	35.2	26.6	26.4	24.3	20.4	32.0	35.6	37.0	44.4	39.8	37.0
27	29.0	36.5	26.4	26.4	24.2	19.5	32.5	32.5	36.2	44.8	40.6	37.6
28	29.0	35.4	26.2	25.8	23.8	19.0	32.8	33.0	36.6	44.0	40.4	37.8
29	30.8	35.1	26.0	25.5	22.3	18.9	34.5	33.8	36.8	43.5	40.5	38.2
30	29.5	34.5	26.2	26.0	24.9	19.9	33.0	33.0	36.6	42.6	39.5	37.6
<b>Total</b>	<b>890.0</b>	<b>1079.5</b>	<b>815.3</b>	<b>838.2</b>	<b>766.7</b>	<b>695.2</b>	<b>989.0</b>	<b>995.7</b>	<b>1100.7</b>	<b>1342.5</b>	<b>1212.5</b>	<b>1130.8</b>
<b>Mean</b>	<b>29.7</b>	<b>36.0</b>	<b>27.2</b>	<b>27.9</b>	<b>25.6</b>	<b>23.2</b>	<b>33.0</b>	<b>33.2</b>	<b>36.7</b>	<b>44.8</b>	<b>40.4</b>	<b>37.7</b>
<b>S.D.</b>	<b>0.7</b>	<b>2.7</b>	<b>0.7</b>	<b>1.6</b>	<b>1.4</b>	<b>2.5</b>	<b>1.9</b>	<b>2.4</b>	<b>2.5</b>	<b>5.4</b>	<b>3.7</b>	<b>2.6</b>
<b>C.V.%</b>	<b>2.4</b>	<b>7.6</b>	<b>2.5</b>	<b>5.9</b>	<b>5.4</b>	<b>10.7</b>	<b>5.6</b>	<b>7.2</b>	<b>6.8</b>	<b>12.1</b>	<b>9.2</b>	<b>6.9</b>
<b>Highest</b>	<b>31.0</b>	<b>41.2</b>	<b>28.6</b>	<b>31.0</b>	<b>28.0</b>	<b>28.0</b>	<b>36.0</b>	<b>36.0</b>	<b>39.8</b>	<b>52.0</b>	<b>46.6</b>	<b>41.0</b>
<b>Lowest</b>	<b>28.4</b>	<b>29.8</b>	<b>26.0</b>	<b>25.5</b>	<b>22.3</b>	<b>18.9</b>	<b>29.8</b>	<b>29.0</b>	<b>31.6</b>	<b>34.6</b>	<b>31.4</b>	<b>32.5</b>



**July -2014**

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	36.0	25.5	30.8	10.5	79	50	65	25	25	13.9	05.0	09.4	000.0
2	36.0	24.5	30.3	11.5	86	68	77	20	25	12.3	05.5	06.1	000.5
3	33.5	24.3	28.9	9.2	98	66	82	25	25	12.5	01.8	05.6	003.0
4	34.2	24.0	29.1	10.2	82	58	70	23	25	11.2	01.7	05.8	000.8
5	36.6	24.5	30.6	12.1	88	57	73	16	23	10.8	07.7	07.4	000.0
6	36.0	25.0	30.5	11.0	88	57	73	23	23	10.5	08.6	08.2	000.0
7	37.0	25.5	31.3	11.5	86	58	72	25	25	08.7	07.3	08.0	000.0
8	36.5	25.0	30.8	11.5	85	62	74	20	29	11.0	06.1	07.8	000.0
9	36.0	25.2	30.6	10.8	85	60	73	20	25	11.6	06.4	09.3	000.0
10	37.0	25.5	31.3	11.5	89	80	85	23	23	09.8	09.5	09.6	000.0
11	32.4	23.0	27.7	9.4	89	97	93	14	23	04.8	01.8	02.8	003.2
12	30.5	23.0	26.8	7.5	95	84	90	29	14	04.4	00.0	00.4	030.0
13	31.5	24.6	28.1	6.9	97	85	91	16	36	04.6	00.2	02.2	017.0
14	32.6	24.8	28.7	7.8	95	94	95	16	23	05.8	02.9	03.6	000.0
15	32.5	25.0	28.8	7.5	97	85	91	27	25	04.7	02.2	04.2	000.0
16	31.8	25.5	28.7	6.3	97	97	97	07	14	05.6	01.0	03.2	001.0
17	32.2	23.5	27.9	8.7	100	88	94	16	26	02.6	00.0	01.5	048.0
18	31.0	24.5	27.8	6.5	95	87	91	27	25	05.2	00.2	02.8	042.0
19	29.8	25.4	27.6	4.4	89	76	83	14	25	09.3	00.0	01.9	000.0
20	32.8	25.0	28.9	7.8	94	74	84	20	23	11.9	02.0	04.5	000.0
21	32.6	24.5	28.6	8.1	95	67	81	20	25	09.9	02.0	06.3	000.0
22	33.5	24.6	29.1	8.9	92	69	81	23	29	12.6	04.1	05.0	000.0
23	32.5	24.5	28.5	8.0	97	86	92	23	27	09.6	00.6	04.0	002.0
24	30.0	22.5	26.3	7.5	93	93	93	23	20	13.0	00.0	00.6	056.0
25	28.4	22.0	25.2	6.4	92	83	88	23	23	08.6	00.0	02.4	034.4
26	31.5	23.4	27.5	8.1	96	77	87	18	27	11.1	00.1	02.8	000.4
27	31.5	22.8	27.2	8.7	98	88	93	09	27	09.4	01.7	01.8	037.0
28	30.9	24.2	27.6	6.7	93	85	89	20	25	06.7	01.9	03.0	000.0
29	30.0	23.6	26.8	6.4	98	92	95	27	25	06.3	00.0	01.8	015.0
30	29.5	24.3	26.9	5.2	99	89	94	23	27	06.8	00.0	02.1	000.5
31	29.2	23.5	26.4	5.7	98	97	98	25	23	02.5	00.0	00.8	007.6
<b>Total</b>	<b>1015</b>	<b>753.2</b>	<b>884.4</b>	<b>262.3</b>	<b>2865</b>	<b>2409</b>	<b>2637</b>			<b>267.7</b>	<b>80.3</b>	<b>134.9</b>	<b>298.4</b>
<b>Mean</b>	<b>32.8</b>	<b>24.3</b>	<b>28.5</b>	<b>8.5</b>	<b>92.4</b>	<b>77.7</b>	<b>85.1</b>			<b>8.6</b>	<b>2.6</b>	<b>4.4</b>	<b>9.6</b>
<b>S.D.</b>	<b>2.5</b>	<b>1.0</b>	<b>1.6</b>	<b>2.1</b>	<b>5.5</b>	<b>14.1</b>	<b>9.3</b>			<b>3.3</b>	<b>2.9</b>	<b>2.8</b>	<b>16.7</b>
<b>C.V.%</b>	<b>7.8</b>	<b>3.9</b>	<b>5.6</b>	<b>24.8</b>	<b>6.0</b>	<b>18.1</b>	<b>10.9</b>			<b>37.9</b>	<b>113.1</b>	<b>63.9</b>	<b>173.6</b>
<b>High.</b>	<b>37.0</b>	<b>25.5</b>	<b>31.3</b>	<b>12.1</b>	<b>100.0</b>	<b>97.0</b>	<b>97.5</b>			<b>13.9</b>	<b>9.5</b>	<b>9.6</b>	<b>56.0</b>
<b>Low.</b>	<b>28.4</b>	<b>22.0</b>	<b>25.2</b>	<b>4.4</b>	<b>79.0</b>	<b>50.0</b>	<b>64.5</b>			<b>2.5</b>	<b>0.0</b>	<b>0.4</b>	<b>0.0</b>

**July -2014**

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)
<b>1</b>	29.0	35.2	<b>26.2</b>	26.8	23.8	21.2	32.5	33.0	36.6	42.4	38.6	37.5
<b>2</b>	28.5	33.0	26.8	28.2	25.4	25.7	31.5	32.0	36.0	37.6	34.8	36.0
<b>3</b>	26.4	33.5	26.2	28.4	25.6	25.8	30.6	31.5	35.0	38.0	35.0	35.5
<b>4</b>	29.2	34.8	26.8	28.0	24.9	24.2	31.5	31.5	34.6	40.2	38.5	36.2
<b>5</b>	28.6	35.0	27.0	28.0	25.8	24.1	31.5	32.0	35.6	43.5	39.6	37.0
<b>6</b>	29.0	36.2	27.4	29.0	26.4	25.7	33.5	33.0	36.5	44.0	39.8	37.0
<b>7</b>	29.0	36.0	27.2	29.0	26.0	25.7	33.0	33.5	37.0	43.0	39.6	38.0
<b>8</b>	29.0	35.0	27.0	29.0	25.5	26.3	32.0	32.6	37.2	44.0	40.0	38.0
<b>9</b>	29.0	36.0	27.0	29.4	25.5	26.6	33.0	33.5	37.4	42.5	41.6	38.6
<b>10</b>	29.5	30.8	28.2	28.0	27.9	26.6	34.0	34.5	38.2	39.0	37.5	38.0
<b>11</b>	29.0	26.4	27.6	26.0	26.9	24.9	32.5	32.5	35.5	33.0	32.8	35.0
<b>12</b>	28.0	30.0	27.4	27.8	27.1	26.6	30.2	29.8	33.5	33.2	33.0	35.2
<b>13</b>	28.4	31.0	28.0	29.0	28.2	28.9	30.5	29.0	33.0	35.5	34.4	34.2
<b>14</b>	28.0	29.0	27.4	28.2	27.1	28.2	29.6	29.8	34.0	35.8	35.5	35.0
<b>15</b>	28.4	31.0	28.0	29.0	28.2	28.9	30.4	30.0	33.6	35.0	34.4	34.5
<b>16</b>	28.4	30.2	28.0	29.8	28.2	31.3	30.5	30.0	33.5	33.0	32.8	33.2
<b>17</b>	27.0	29.5	27.0	28.0	26.7	27.4	29.2	28.8	32.2	34.5	33.0	33.5
<b>18</b>	27.5	29.5	27.0	27.8	26.4	26.9	29.0	28.6	32.0	31.0	30.2	32.2
<b>19</b>	28.0	31.4	26.6	28.0	25.2	26.3	29.0	28.5	31.8	34.5	33.2	33.0
<b>20</b>	27.8	32.0	27.0	28.2	27.9	26.3	29.5	29.0	32.0	35.0	33.8	33.2
<b>21</b>	27.5	33.4	27.0	28.4	26.4	26.0	29.8	29.5	32.5	35.2	33.2	34.2
<b>22</b>	28.0	31.6	27.0	27.0	26.1	23.9	29.0	28.8	32.5	33.2	31.5	32.8
<b>23</b>	27.4	29.0	27.0	27.2	26.4	26.0	29.0	28.5	32.0	31.0	30.2	32.4
<b>24</b>	25.4	27.0	24.5	26.2	22.7	25.1	26.5	26.5	29.0	29.2	27.5	28.5
<b>25</b>	27.4	30.0	26.4	27.5	25.2	26.3	28.0	27.0	29.5	32.6	30.5	30.6
<b>26</b>	27.0	31.5	26.5	27.8	25.5	26.0	28.0	27.5	30.5	32.5	32.0	31.5
<b>27</b>	25.4	30.0	25.2	28.4	23.9	28.0	27.0	27.4	29.0	32.8	31.0	30.5
<b>28</b>	27.5	29.0	26.8	27.0	26.1	25.5	27.6	24.5	30.9	32.2	30.8	31.4
<b>29</b>	26.5	28.0	26.2	27.0	25.4	26.1	28.0	27.6	30.6	29.6	29.0	30.7
<b>30</b>	26.5	28.8	26.4	27.4	25.6	26.6	28.0	27.6	30.2	30.5	28.5	30.4
<b>31</b>	26.6	26.8	26.4	26.4	25.7	25.5	28.2	27.5	30.0	27.6	27.0	29.5
<b>Total</b>	<b>862.9</b>	<b>970.6</b>	<b>833.2</b>	<b>865.9</b>	<b>807.7</b>	<b>812.6</b>	<b>932.6</b>	<b>925.5</b>	<b>1031.9</b>	<b>1101.1</b>	<b>1049.3</b>	<b>1053.3</b>
<b>Mean</b>	<b>27.8</b>	<b>31.3</b>	<b>26.9</b>	<b>27.9</b>	<b>26.1</b>	<b>26.2</b>	<b>30.1</b>	<b>29.9</b>	<b>33.3</b>	<b>35.5</b>	<b>33.8</b>	<b>34.0</b>
<b>S.D.</b>	<b>1.1</b>	<b>2.9</b>	<b>0.8</b>	<b>0.9</b>	<b>1.3</b>	<b>1.8</b>	<b>2.0</b>	<b>2.5</b>	<b>2.7</b>	<b>4.7</b>	<b>4.0</b>	<b>2.8</b>
<b>C.V.%</b>	<b>3.9</b>	<b>9.1</b>	<b>2.9</b>	<b>3.3</b>	<b>5.0</b>	<b>6.8</b>	<b>6.7</b>	<b>8.2</b>	<b>8.1</b>	<b>13.3</b>	<b>11.7</b>	<b>8.2</b>
<b>Highest</b>	<b>29.5</b>	<b>36.2</b>	<b>28.2</b>	<b>29.8</b>	<b>28.2</b>	<b>31.3</b>	<b>34.0</b>	<b>34.5</b>	<b>38.2</b>	<b>44.0</b>	<b>41.6</b>	<b>38.6</b>
<b>Lowest</b>	<b>25.4</b>	<b>26.4</b>	<b>24.5</b>	<b>26.0</b>	<b>22.7</b>	<b>21.2</b>	<b>26.5</b>	<b>24.5</b>	<b>29.0</b>	<b>27.6</b>	<b>27.0</b>	<b>28.5</b>

### August -2014

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	30.0	23.3	26.7	6.7	100	98	99	23	14	02.7	00.0	00.0	180.4
2	29.8	24.0	26.9	5.8	95	100	98	23	25	07.3	00.9	02.0	042.2
3	29.2	24.0	26.6	5.2	98	85	92	25	23	08.6	00.2	00.0	016.2
4	30.8	23.6	27.2	7.2	95	85	90	25	23	09.4	01.6	01.6	002.6
5	29.8	24.0	26.9	5.8	95	85	90	20	23	08.1	00.1	02.3	002.4
6	31.8	23.5	27.7	8.3	95	74	85	16	25	08.0	00.9	02.8	000.0
7	31.2	23.0	27.1	8.2	93	92	93	16	25	07.4	02.0	02.0	006.0
8	30.6	23.2	26.9	7.4	97	97	97	18	16	07.5	01.7	03.0	000.0
9	29.0	23.0	26.0	6.0	98	89	94	14	18	06.8	00.1	00.6	003.2
10	30.4	23.0	26.7	7.4	93	80	87	23	27	04.0	01.7	00.8	005.8
11	31.0	23.2	27.1	7.8	95	88	92	18	23	03.8	00.2	02.6	001.4
12	30.6	23.0	26.8	7.6	97	77	87	25	25	05.6	01.2	01.6	001.6
13	31.0	22.6	26.8	8.4	95	83	89	16	23	5.1	02.5	00.4	007.2
14	31.0	23.0	27.0	8.0	91	81	86	16	25	09.1	03.3	01.8	003.2
15	30.2	23.0	26.6	7.2	95	85	90	23	20	07.5	01.6	02.0	003.6
16	30.0	24.0	27.0	6.0	92	81	87	20	23	14.0	01.0	03.9	001.4
17	30.1	24.0	27.1	6.1	93	81	87	29	27	08.3	00.0	01.2	000.0
18	31.6	23.0	27.3	8.6	91	76	84	29	29	05.6	00.8	02.4	000.0
19	32.2	23.5	27.9	8.7	92	58	75	36	18	02.0	03.1	04.7	000.0
20	33.5	23.4	28.5	10.1	92	64	78	32	27	02.2	07.2	03.8	000.0
21	34.0	23.6	28.8	10.4	87	66	77	34	20	03.2	07.3	05.2	000.0
22	33.0	24.0	28.5	9.0	92	70	81	32	27	03.2	06.5	04.9	000.0
23	32.2	23.6	27.9	8.6	87	63	75	34	32	02.5	03.6	03.5	000.0
24	34.0	24.0	29.0	10.0	91	64	78	34	27	02.2	03.7	03.5	000.5
25	33.5	24.0	28.8	9.5	93	91	92	34	23	02.9	04.1	04.0	000.0
26	32.6	24.0	28.3	8.6	95	85	90	34	27	01.8	00.5	02.1	004.6
27	31.0	22.0	26.5	9.0	93	82	88	25	20	03.6	00.7	02.5	000.5
28	30.2	23.0	26.6	7.2	93	78	86	29	29	02.6	01.4	01.3	000.0
29	31.8	23.7	27.8	8.1	89	85	87	36	00	03.4	04.0	04.6	001.0
30	33.0	22.8	27.9	10.2	90	97	94	34	34	02.8	03.7	03.9	000.6
31	30.0	22.5	26.3	7.5	96	89	93	36	29	03.0	00.0	00.7	026.5
<b>Total</b>	<b>969.1</b>	<b>724.5</b>	<b>846.8</b>	<b>244.6</b>	<b>2898</b>	<b>2529</b>	<b>2714</b>			<b>164.2</b>	<b>65.6</b>	<b>75.7</b>	<b>310.9</b>
<b>Mean</b>	<b>31.3</b>	<b>23.4</b>	<b>27.3</b>	<b>7.9</b>	<b>93.5</b>	<b>81.6</b>	<b>87.5</b>			<b>5.3</b>	<b>2.1</b>	<b>2.4</b>	<b>10.0</b>
<b>S.D.</b>	<b>1.4</b>	<b>0.5</b>	<b>0.8</b>	<b>1.4</b>	<b>3.0</b>	<b>10.8</b>	<b>6.4</b>			<b>3.0</b>	<b>2.1</b>	<b>1.5</b>	<b>32.8</b>
<b>C.V.%</b>	<b>4.5</b>	<b>2.3</b>	<b>2.9</b>	<b>17.7</b>	<b>3.3</b>	<b>13.3</b>	<b>7.3</b>			<b>55.9</b>	<b>98.7</b>	<b>60.4</b>	<b>327.5</b>
<b>High.</b>	<b>34.0</b>	<b>24.0</b>	<b>29.0</b>	<b>10.4</b>	<b>100.0</b>	<b>100.0</b>	<b>99.0</b>			<b>14.0</b>	<b>7.3</b>	<b>5.2</b>	<b>180.4</b>
<b>Low.</b>	<b>29.0</b>	<b>22.0</b>	<b>26.0</b>	<b>5.2</b>	<b>87.0</b>	<b>58.0</b>	<b>75.0</b>			<b>1.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

**August -2014**

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	25.5	27.0	25.5	26.8	24.6	26.3	27.0	26.5	28.6	30.5	28.5	29.4
2	27.0	26.6	26.4	26.6	25.5	26.1	28.0	27.2	29.5	29.8	28.5	29.8
3	26.2	28.8	26.4	26.8	25.4	25.2	28.0	27.0	29.5	30.0	29.0	29.8
4	27.0	27.0	26.4	29.0	25.5	25.5	28.0	27.2	29.6	31.6	29.5	30.2
5	26.6	29.4	26.0	27.4	26.6	26.1	27.6	27.0	29.7	28.0	27.0	30.0
6	26.6	30.5	26.0	27.0	27.8	24.5	28.0	27.0	30.0	33.0	31.0	31.0
7	26.0	29.0	25.2	28.0	23.6	27.7	28.0	27.5	30.5	33.5	30.8	31.0
8	26.0	26.8	25.6	26.4	24.3	25.5	27.5	27.4	30.5	32.5	30.5	29.2
9	25.6	26.6	25.4	25.2	24.2	23.2	27.2	26.8	29.8	33.0	31.0	30.8
10	26.8	30.4	26.0	27.5	24.8	26.0	29.2	28.0	30.2	33.0	30.5	31.0
11	26.5	28.6	26.0	27.0	24.8	25.8	27.6	27.0	30.2	32.6	30.5	31.0
12	25.6	30.5	25.2	27.4	23.8	25.4	27.8	27.2	30.0	33.5	30.0	30.4
13	25.5	29.4	25.0	27.2	23.3	25.7	27.5	27.2	30.2	32.6	31.4	30.8
14	26.2	29.0	25.8	26.6	29.6	24.6	27.5	27.4	30.5	32.8	30.2	31.0
15	26.6	29.0	26.0	27.0	24.8	25.5	27.5	27.0	30.0	33.0	31.0	31.0
16	27.0	29.4	26.0	26.8	24.6	24.8	28.0	27.2	30.0	31.6	30.5	30.8
17	26.8	30.2	26.0	27.6	24.8	26.1	28.5	27.8	30.2	31.0	32.4	31.8
18	27.4	31.4	26.3	28.0	24.9	26.3	29.0	27.5	30.0	31.0	32.0	32.0
19	27.0	33.6	26.0	27.0	24.6	27.0	28.5	28.0	31.4	33.6	33.0	33.6
20	27.0	33.6	26.0	28.0	24.6	24.9	28.5	28.5	32.2	35.0	33.8	33.5
21	27.2	32.8	25.6	27.6	23.6	24.5	29.0	28.6	32.6	35.5	35.0	33.8
22	27.0	32.0	26.0	27.6	24.6	24.9	28.5	28.5	32.5	35.2	34.0	32.5
23	27.5	33.0	26.0	27.4	24.2	23.9	29.0	28.5	32.4	35.5	34.2	32.6
24	28.0	32.4	26.8	27.0	25.7	23.3	30.0	29.0	32.5	35.0	34.4	32.2
25	27.1	28.0	26.2	26.8	25.1	25.7	29.0	29.0	32.5	35.5	34.0	33.2
26	26.6	29.4	26.0	27.4	24.8	26.1	28.5	28.4	31.6	34.5	32.6	32.5
27	25.2	29.4	24.4	27.0	22.4	25.2	27.6	27.8	31.5	32.2	30.6	31.6
28	26.8	30.0	26.0	27.0	24.8	24.9	28.4	27.8	31.2	36.4	33.8	33.6
29	27.4	29.2	26.0	27.0	24.3	25.5	29.6	29.0	32.5	37.0	33.0	34.0
30	27.2	26.2	26.0	25.8	24.5	24.6	29.5	29.6	32.6	31.8	30.7	32.6
31	26.5	30.2	26.0	28.8	24.9	28.9	27.8	27.0	30.0	36.6	31.5	31.0
<b>Total</b>	<b>825.4</b>	<b>919.4</b>	<b>802.2</b>	<b>842.7</b>	<b>771.0</b>	<b>789.7</b>	<b>875.8</b>	<b>859.6</b>	<b>954.5</b>	<b>1026.8</b>	<b>974.9</b>	<b>977.7</b>
<b>Mean</b>	<b>26.6</b>	<b>29.7</b>	<b>25.9</b>	<b>27.2</b>	<b>24.9</b>	<b>25.5</b>	<b>28.3</b>	<b>27.7</b>	<b>30.8</b>	<b>33.1</b>	<b>31.4</b>	<b>31.5</b>
<b>S.D.</b>	<b>0.7</b>	<b>2.1</b>	<b>0.5</b>	<b>0.7</b>	<b>1.3</b>	<b>1.2</b>	<b>0.8</b>	<b>0.8</b>	<b>1.2</b>	<b>2.2</b>	<b>2.0</b>	<b>1.4</b>
<b>C.V.%</b>	<b>2.5</b>	<b>7.0</b>	<b>1.8</b>	<b>2.7</b>	<b>5.2</b>	<b>4.5</b>	<b>2.7</b>	<b>2.9</b>	<b>3.8</b>	<b>6.5</b>	<b>6.3</b>	<b>4.3</b>
<b>Highest</b>	<b>28.0</b>	<b>33.6</b>	<b>26.8</b>	<b>29.0</b>	<b>29.6</b>	<b>28.9</b>	<b>30.0</b>	<b>29.6</b>	<b>32.6</b>	<b>37.0</b>	<b>35.0</b>	<b>34.0</b>
<b>Lowest</b>	<b>25.2</b>	<b>26.2</b>	<b>24.4</b>	<b>25.2</b>	<b>22.4</b>	<b>23.2</b>	<b>27.0</b>	<b>26.5</b>	<b>28.6</b>	<b>28.0</b>	<b>27.0</b>	<b>29.2</b>

**September -2014**

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	30.8	21.6	26.2	9.2	97	95	96	36	00	03.5	00.5	00.2	095.8
2	28.0	23.2	25.6	4.8	97	86	92	00	20	02.1	00.0	00.5	035.2
3	31.0	24.2	27.6	6.8	85	67	76	14	20	05.3	01.9	01.2	000.0
4	32.2	22.5	27.4	9.7	97	96	97	25	16	03.0	02.5	01.2	049.2
5	27.4	22.5	25.0	4.9	92	75	84	00	27	04.0	00.0	00.2	041.6
6	31.0	23.4	27.2	7.6	90	66	78	16	27	07.6	03.1	03.7	000.0
7	31.4	23.5	27.5	7.9	86	62	74	27	14	05.5	05.8	04.0	000.0
8	31.0	24.0	27.5	7.0	92	82	87	00	27	04.1	02.5	02.5	000.0
9	29.4	24.5	27.0	4.9	84	75	80	11	29	02.0	00.0	00.6	000.2
10	29.2	24.0	26.6	5.2	81	78	80	23	27	02.3	00.0	01.8	000.0
11	29.2	21.5	25.4	7.7	98	81	90	00	27	03.5	00.0	01.3	057.0
12	28.7	22.0	25.4	6.7	95	78	87	00	16	02.1	01.1	03.2	010.2
13	29.0	23.0	26.0	6.0	93	76	85	14	16	01.7	01.3	05.3	007.6
14	30.0	22.5	26.3	7.5	96	69	83	25	25	02.1	03.0	01.2	036.0
15	30.9	22.5	26.7	8.4	87	72	80	20	27	02.4	03.4	03.0	003.0
16	31.0	22.0	26.5	9.0	90	68	79	00	23	01.9	03.1	02.5	000.0
17	31.6	22.5	27.1	9.1	84	59	72	16	25	02.6	08.1	03.7	000.0
18	32.0	23.0	27.5	9.0	83	56	70	00	23	02.3	09.1	05.6	000.0
19	32.8	23.0	27.9	9.8	84	44	64	34	23	01.7	08.4	03.1	000.0
20	32.4	22.6	27.5	9.8	84	69	77	00	32	02.7	07.9	04.0	000.0
21	32.0	22.0	27.0	10.0	73	61	67	29	32	03.4	09.0	04.0	000.0
22	32.5	21.8	27.2	10.7	87	69	78	05	23	02.9	07.2	04.0	000.0
23	32.6	22.0	27.3	10.6	81	70	76	00	27	02.6	07.1	03.6	000.0
24	33.8	23.6	28.7	10.2	78	57	68	05	23	03.3	10.0	04.8	000.0
25	33.0	22.0	27.5	11.0	84	61	73	09	00	03.2	09.5	04.6	000.0
26	33.4	23.4	28.4	10.0	90	50	70	02	29	02.4	09.4	04.4	000.0
27	34.4	24.0	29.2	10.4	93	62	78	36	27	02.7	09.9	05.6	000.0
28	34.6	23.5	29.1	11.1	89	53	71	02	02	02.8	09.6	02.9	000.0
29	34.7	22.5	28.6	12.2	77	51	64	23	32	03.3	06.7	05.6	021.4
30	35.5	23.0	29.3	12.5	90	55	73	34	23	04.5	08.5	04.6	000.0
<b>Total</b>	<b>945.5</b>	<b>685.8</b>	<b>815.7</b>	<b>259.7</b>	<b>2637</b>	<b>2043</b>	<b>2340</b>			<b>93.5</b>	<b>148.6</b>	<b>92.9</b>	<b>357.0</b>
<b>Mean</b>	<b>31.5</b>	<b>22.9</b>	<b>27.2</b>	<b>8.7</b>	<b>87.9</b>	<b>68.1</b>	<b>78.0</b>			<b>3.1</b>	<b>5.0</b>	<b>3.1</b>	<b>11.9</b>
<b>S.D.</b>	<b>2.1</b>	<b>0.8</b>	<b>1.1</b>	<b>2.2</b>	<b>6.5</b>	<b>12.7</b>	<b>8.7</b>			<b>1.3</b>	<b>3.7</b>	<b>1.7</b>	<b>23.1</b>
<b>C.V.%</b>	<b>6.5</b>	<b>3.6</b>	<b>4.2</b>	<b>25.0</b>	<b>7.4</b>	<b>18.7</b>	<b>11.1</b>			<b>41.2</b>	<b>75.6</b>	<b>54.7</b>	<b>194.2</b>
<b>High.</b>	<b>35.5</b>	<b>24.5</b>	<b>29.3</b>	<b>12.5</b>	<b>98.0</b>	<b>96.0</b>	<b>96.5</b>			<b>7.6</b>	<b>10.0</b>	<b>5.6</b>	<b>95.8</b>
<b>Low.</b>	<b>27.4</b>	<b>21.5</b>	<b>25.0</b>	<b>4.8</b>	<b>73.0</b>	<b>44.0</b>	<b>64.0</b>			<b>1.7</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>

**September -2014**

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	24.6	26.6	24.3	26.0	22.7	24.8	27.5	27.0	30.0	30.5	29.0	30.6
2	26.0	28.4	25.6	26.6	24.3	25.1	28.4	27.5	30.0	32.2	30.6	30.8
3	27.6	31.8	25.5	27.0	23.3	23.8	28.0	27.6	30.2	34.6	32.0	31.0
4	26.2	25.0	25.8	24.6	24.6	22.9	28.5	28.4	31.0	28.0	27.5	30.4
5	26.5	29.5	25.5	26.0	24.1	23.1	28.0	27.2	29.6	32.8	31.0	30.5
6	26.2	30.6	25.0	25.5	23.1	21.6	27.6	27.0	30.0	35.0	32.4	31.2
7	27.0	30.8	25.2	25.2	22.9	20.6	28.5	27.6	30.6	34.6	32.0	30.5
8	26.4	28.2	25.4	25.8	23.8	23.5	28.5	28.0	31.0	31.4	30.2	31.4
9	26.0	28.5	24.0	25.2	21.2	22.0	27.6	27.5	30.5	31.0	29.5	30.6
10	26.5	28.5	24.2	25.5	21.2	22.8	28.0	27.5	30.0	31.0	29.8	30.5
11	23.0	27.4	22.8	25.0	20.7	22.3	27.0	27.2	29.0	31.6	28.5	29.8
12	25.0	29.0	24.4	26.0	22.5	23.3	27.2	26.6	29.5	32.5	30.0	30.0
13	25.8	28.6	25.0	25.4	23.2	22.4	27.5	26.8	29.5	31.0	30.0	29.6
14	26.0	30.0	25.5	25.6	24.2	22.0	27.5	27.0	29.5	32.0	30.2	30.5
15	26.8	30.4	25.2	26.4	23.1	23.3	27.4	26.8	29.6	34.2	31.2	30.5
16	25.8	30.6	24.6	26.0	22.5	22.4	27.0	26.8	30.0	35.5	33.0	31.5
17	26.5	31.8	24.6	25.6	22.0	20.8	27.5	27.4	30.8	35.0	34.0	32.2
18	26.8	32.5	24.6	25.8	21.9	20.7	28.0	27.8	31.5	35.0	34.5	32.6
19	26.6	32.0	24.5	23.0	22.0	18.1	28.0	28.0	32.0	35.2	34.0	32.8
20	26.4	30.0	24.4	25.5	21.7	22.0	27.5	27.8	31.6	34.6	34.0	32.6
21	28.5	31.4	25.0	25.6	21.6	21.1	29.0	28.2	31.5	34.4	33.8	32.5
22	26.2	30.4	24.6	26.0	22.3	22.5	27.6	28.0	31.7	35.5	34.5	33.2
23	27.0	32.0	24.4	27.6	21.3	24.9	27.5	27.6	31.6	35.5	35.4	33.3
24	27.4	32.5	24.6	26.0	21.5	21.2	28.0	28.0	32.0	36.5	35.0	33.2
25	26.6	32.8	24.6	26.8	22.0	22.8	27.5	27.6	32.0	36.5	35.5	33.5
26	27.4	36.0	26.2	27.6	28.8	22.5	27.2	28.2	32.0	38.2	35.8	33.5
27	27.0	34.0	26.2	28.2	25.1	24.6	27.8	28.2	32.5	37.5	36.0	33.8
28	27.7	34.2	26.4	26.5	24.9	21.5	28.6	28.7	32.7	37.5	36.2	33.8
29	27.6	34.5	24.6	26.6	21.3	21.2	28.0	28.4	32.2	39.5	36.2	33.8
30	27.6	33.0	26.4	26.0	25.1	20.9	28.4	28.5	32.6	40.0	36.6	34.0
<b>Total</b>	<b>794.7</b>	<b>921.0</b>	<b>749.1</b>	<b>778.6</b>	<b>688.9</b>	<b>670.7</b>	<b>834.8</b>	<b>828.9</b>	<b>926.7</b>	<b>1028.8</b>	<b>978.4</b>	<b>954.2</b>
<b>Mean</b>	<b>26.5</b>	<b>30.7</b>	<b>25.0</b>	<b>26.0</b>	<b>23.0</b>	<b>22.4</b>	<b>27.8</b>	<b>27.6</b>	<b>30.9</b>	<b>34.3</b>	<b>32.6</b>	<b>31.8</b>
<b>S.D.</b>	<b>1.0</b>	<b>2.5</b>	<b>0.8</b>	<b>1.0</b>	<b>1.7</b>	<b>1.5</b>	<b>0.5</b>	<b>0.6</b>	<b>1.1</b>	<b>2.8</b>	<b>2.7</b>	<b>1.4</b>
<b>C.V.%</b>	<b>4.0</b>	<b>8.1</b>	<b>3.2</b>	<b>3.8</b>	<b>7.3</b>	<b>6.7</b>	<b>1.8</b>	<b>2.1</b>	<b>3.6</b>	<b>8.2</b>	<b>8.2</b>	<b>4.5</b>
<b>Highest</b>	<b>28.5</b>	<b>36.0</b>	<b>26.4</b>	<b>28.2</b>	<b>28.8</b>	<b>25.1</b>	<b>29.0</b>	<b>28.7</b>	<b>32.7</b>	<b>40.0</b>	<b>36.6</b>	<b>34.0</b>
<b>Lowest</b>	<b>23.0</b>	<b>25.0</b>	<b>22.8</b>	<b>23.0</b>	<b>20.7</b>	<b>18.1</b>	<b>27.0</b>	<b>26.6</b>	<b>29.0</b>	<b>28.0</b>	<b>27.5</b>	<b>29.6</b>

**October-2014**

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	35.8	22.0	28.9	13.8	92	51	71.5	34	32	3.7	9.0	05.4	000.0
2	35.0	21.2	28.1	13.8	87	50	68.5	14	18	1.8	8.2	04.6	012.2
3	34.8	21.0	27.9	13.8	92	47	69.5	20	27	1.6	9.1	04.0	000.0
4	35.8	24.5	30.2	11.3	88	45	66.5	02	34	2.0	10.0	05.0	000.0
5	35.3	23.4	29.4	11.9	90	51	70.5	36	36	2.5	9.6	04.0	000.0
6	34.4	24.0	29.2	10.4	89	53	71.0	02	36	3.0	9.9	05.1	000.0
7	34.5	23.5	29.0	11.0	86	54	70.0	34	34	3.7	9.9	05.6	000.0
8	34.2	21.6	27.9	12.6	84	67	75.5	32	27	4.0	8.7	05.5	000.0
9	31.6	23.5	27.6	8.1	73	48	60.5	02	34	2.6	1.8	03.0	000.0
10	35.5	22.5	29.0	13.0	87	42	64.5	23	36	2.3	8.0	03.9	000.0
11	37.0	22.5	29.8	14.5	73	40	56.5	00	27	1.3	9.4	04.8	000.0
12	37.8	20.0	28.9	17.8	78	41	59.5	32	23	1.5	9.4	06.0	000.0
13	36.8	22.2	29.5	14.6	76	47	61.5	14	32	1.9	8.4	04.8	000.0
14	37.2	19.2	28.2	18.0	86	42	64.0	34	29	1.2	9.4	05.2	000.0
15	37.0	20.5	28.8	16.5	90	43	66.5	34	34	01.4	09.4	04.4	000.0
16	36.0	20.2	28.1	15.8	83	37	60.0	14	34	02.4	08.6	06.4	000.0
17	35.6	17.5	26.6	18.1	75	37	56.0	11	27	01.4	09.7	05.6	000.0
18	37.0	16.5	26.8	20.5	66	55	60.5	14	32	02.2	09.6	04.8	000.0
19	36.2	17.4	26.8	18.8	87	46	66.5	16	32	01.3	09.0	04.8	000.0
20	36.6	18.6	27.6	18.0	88	33	60.5	14	05	01.2	09.7	04.8	000.0
21	36.8	18.0	27.4	18.8	78	32	55.0	16	02	01.8	09.8	04.4	000.0
22	37.2	19.5	28.4	17.7	77	38	57.5	00	02	01.2	09.5	02.2	000.0
23	37.2	19.0	28.1	18.2	84	37	60.5	00	02	01.9	08.6	03.7	000.0
24	37.0	20.6	28.8	16.4	59	35	47.0	36	09	01.3	02.2	03.6	000.0
25	34.9	19.4	27.2	15.5	73	47	60.0	09	02	01.9	00.5	03.6	000.0
26	33.5	20.2	26.9	13.3	66	37	51.5	18	11	01.6	00.3	02.7	000.0
27	33.7	18.5	26.1	15.2	82	34	58.0	16	11	01.9	04.5	02.9	000.0
28	34.6	18.0	26.3	16.6	83	36	59.5	36	16	03.0	08.1	03.8	000.0
29	34.5	19.4	27.0	15.1	76	37	56.5	16	11	01.5	03.9	04.0	000.0
30	35.0	19.0	27.0	16.0	75	37	56.0	14	14	01.2	06.6	05.4	000.0
31	34.8	21.0	27.9	13.8	68	37	52.5	32	16	2.4	02.8	06.3	000.0
<b>Total</b>	<b>1103.3</b>	<b>634.4</b>	<b>868.9</b>	<b>468.9</b>	<b>2491</b>	<b>1336</b>	<b>1914</b>			<b>62.7</b>	<b>233.6</b>	<b>140.3</b>	<b>12.2</b>
<b>Mean</b>	<b>35.6</b>	<b>20.5</b>	<b>28.0</b>	<b>15.1</b>	<b>80.4</b>	<b>43.1</b>	<b>61.7</b>			<b>2.0</b>	<b>7.5</b>	<b>4.5</b>	<b>0.4</b>
<b>S.D.</b>	<b>1.4</b>	<b>2.1</b>	<b>1.1</b>	<b>2.9</b>	<b>8.5</b>	<b>8.0</b>	<b>6.7</b>			<b>0.8</b>	<b>3.0</b>	<b>1.0</b>	<b>2.2</b>
<b>C.V.%</b>	<b>3.9</b>	<b>10.4</b>	<b>3.8</b>	<b>19.0</b>	<b>10.6</b>	<b>18.5</b>	<b>10.8</b>			<b>38.8</b>	<b>40.5</b>	<b>23.1</b>	<b>556.8</b>
<b>High.</b>	<b>37.8</b>	<b>24.5</b>	<b>30.2</b>	<b>20.5</b>	<b>92.0</b>	<b>67.0</b>	<b>75.5</b>			<b>4.0</b>	<b>10.0</b>	<b>6.4</b>	<b>12.2</b>
<b>Low.</b>	<b>31.6</b>	<b>16.5</b>	<b>26.1</b>	<b>8.1</b>	<b>59.0</b>	<b>32.0</b>	<b>47.0</b>			<b>1.2</b>	<b>0.3</b>	<b>2.2</b>	<b>0.0</b>

**October-2014**

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	27.0	34.4	26.0	26.4	24.6	20.8	28.0	28.4	32.5	38.5	36.0	34.0
2	26.5	34.2	25.0	26.0	22.8	20.2	28.0	28.0	32.0	38.8	36.2	33.6
3	28.0	35.0	27.0	26.0	26.1	19.7	28.5	28.0	32.2	39.0	36.6	34.0
4	29.0	35.0	27.4	25.6	26.4	18.9	28.8	28.0	33.0	39.2	36.5	34.2
5	26.2	34.0	25.0	26.0	23.1	20.3	28.0	28.6	33.2	37.6	37.0	35.0
6	27.4	33.8	26.0	26.2	24.3	20.8	28.8	28.6	33.0	37.5	36.0	34.2
7	27.0	33.5	25.2	26.2	22.9	20.9	28.5	28.4	32.8	39.5	37.5	34.0
8	27.0	31.0	25.0	26.2	22.5	22.5	28.0	28.2	32.5	36.5	32.2	33.0
9	27.6	34.6	24.0	26.0	20.2	19.9	27.5	27.5	31.5	39.0	35.5	33.5
10	26.4	36.8	24.5	26.4	22.1	19.3	28.0	28.2	32.5	40.0	36.0	34.0
11	29.5	37.0	25.8	26.2	22.5	18.9	29.0	28.5	33.0	41.2	36.4	34.2
12	27.0	36.2	24.2	25.8	20.9	18.5	28.2	28.0	32.5	39.0	35.8	33.0
13	25.2	36.5	22.2	27.4	18.2	21.7	28.0	27.8	32.5	42.5	36.5	34.2
14	23.6	36.5	22.0	26.4	18.9	19.5	26.5	27.5	32.4	43.0	36.0	33.6
15	23.6	35.8	22.4	26.0	19.6	19.1	27.5	28.0	32.5	42.7	36.0	34.0
16	24.6	36.0	22.6	24.8	19.3	16.6	27.2	27.6	32.0	43.5	37.0	33.5
17	23.4	36.8	20.4	25.4	16.2	17.3	26.8	27.4	32.0	43.5	37.3	33.5
18	22.2	35.0	18.2	27.6	13.2	23.1	26.2	27.0	31.6	43.5	36.5	34.5
19	21.0	35.6	19.6	26.4	16.3	20.2	27.0	27.6	32.0	43.0	37.0	34.0
20	22.0	35.8	20.6	23.6	19.8	14.3	27.5	28.4	32.5	43.5	38.0	34.5
21	22.6	36.2	20.0	23.8	16.0	14.5	27.2	28.0	32.2	42.0	38.2	34.0
22	28.0	36.2	25.0	25.6	22.0	17.3	30.5	29.6	33.8	42.0	38.6	36.4
23	26.8	36.5	24.8	25.2	22.3	17.0	30.0	29.2	33.8	42.1	38.8	36.5
24	29.2	34.4	23.4	23.0	18.0	14.8	30.6	30.0	33.5	37.0	35.5	34.5
25	25.4	32.4	22.0	24.0	17.8	17.1	28.6	28.0	32.0	37.0	34.5	32.5
26	28.0	32.8	23.3	22.3	18.8	13.8	29.5	28.5	32.0	39.5	35.8	33.5
27	22.5	33.2	20.4	22.0	17.0	13.0	27.0	27.9	31.9	41.8	36.6	33.7
28	23.0	33.0	21.0	22.2	17.4	13.5	27.7	28.0	32.0	40.6	35.6	33.0
29	25.0	34.6	22.0	23.5	18.0	14.9	28.5	28.8	32.2	43.0	37.4	34.0
30	23.4	34.6	20.4	23.8	16.2	15.5	28.5	29.0	32.6	42.0	36.0	34.0
<b>Total</b>	25.0	35.0	21.0	24.0	16.2	15.6	29.5	28.2	32.5	42.5	37.2	33.8
<b>Mean</b>	<b>793.1</b>	<b>1082.4</b>	<b>716.4</b>	<b>780.0</b>	<b>619.6</b>	<b>559.5</b>	<b>873.6</b>	<b>874.9</b>	<b>1006.7</b>	<b>1260.5</b>	<b>1130.2</b>	<b>1054.4</b>
<b>S.D.</b>	<b>25.6</b>	<b>34.9</b>	<b>23.1</b>	<b>25.2</b>	<b>20.0</b>	<b>18.0</b>	<b>28.2</b>	<b>28.2</b>	<b>32.5</b>	<b>40.7</b>	<b>36.5</b>	<b>34.0</b>
<b>C.V.%</b>	<b>2.4</b>	<b>1.5</b>	<b>2.4</b>	<b>1.5</b>	<b>3.3</b>	<b>2.8</b>	<b>1.1</b>	<b>0.6</b>	<b>0.6</b>	<b>2.3</b>	<b>1.2</b>	<b>0.8</b>
<b>Highest</b>	<b>9.2</b>	<b>4.2</b>	<b>10.4</b>	<b>6.0</b>	<b>16.5</b>	<b>15.6</b>	<b>3.8</b>	<b>2.3</b>	<b>1.8</b>	<b>5.6</b>	<b>3.4</b>	<b>2.4</b>
<b>Lowest</b>	<b>29.5</b>	<b>37.0</b>	<b>27.4</b>	<b>27.6</b>	<b>26.4</b>	<b>23.1</b>	<b>30.6</b>	<b>30.0</b>	<b>33.8</b>	<b>43.5</b>	<b>38.8</b>	<b>36.5</b>
	<b>21.0</b>	<b>31.0</b>	<b>18.2</b>	<b>22.0</b>	<b>13.2</b>	<b>13.0</b>	<b>26.2</b>	<b>27.0</b>	<b>31.5</b>	<b>36.5</b>	<b>32.2</b>	<b>32.5</b>



**November -2014**

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	35.7	20.0	27.9	15.7	86	34	60.0	14	11	01.0	04.5	04.0	000.0
2	36.0	18.5	27.3	17.5	68	33	50.5	34	14	02.7	08.9	03.6	000.0
3	35.2	19.2	27.2	16.0	81	33	57.0	11	07	01.5	07.7	04.2	000.0
4	36.0	20.2	28.1	15.8	75	34	54.5	00	36	02.2	08.8	04.6	000.0
5	35.0	19.0	27.0	16.0	83	39	61.0	32	32	02.9	08.8	05.0	000.0
6	34.2	19.0	26.6	15.2	76	40	58.0	34	05	04.0	09.9	05.4	000.0
7	33.5	19.2	26.4	14.3	81	44	62.5	07	34	03.0	08.9	04.0	000.0
8	33.5	18.6	26.1	14.9	80	37	58.5	02	05	02.4	09.0	04.4	000.0
9	34.8	17.2	26.0	17.6	93	34	63.5	23	02	03.1	08.6	03.7	000.0
10	35.0	17.5	26.3	17.5	89	29	59.0	14	36	01.6	08.0	04.0	000.0
11	35.0	18.0	26.5	17.0	79	32	55.5	34	34	03.0	08.6	04.4	000.0
12	35.0	19.6	27.3	15.4	78	28	53.0	29	29	02.5	08.5	05.2	000.0
13	35.5	21.0	28.3	14.5	88	32	60.0	14	05	02.4	07.9	04.2	000.0
14	36.2	21.0	28.6	15.2	87	37	62.0	18	14	02.6	05.4	03.4	000.0
15	35.8	21.2	28.5	14.6	82	47	64.5	14	34	02.0	07.1	03.8	000.0
16	34.8	20.0	27.4	14.8	96	41	68.5	05	23	02.5	05.2	03.1	034.6
17	33.7	20.0	26.9	13.7	90	41	65.5	02	14	02.2	08.2	03.0	000.0
18	33.8	21.4	27.6	12.4	91	48	69.5	23	05	01.7	09.1	03.4	000.0
19	34.4	20.8	27.6	13.6	92	46	69.0	16	09	01.0	08.6	03.0	000.0
20	35.0	19.0	27.0	16.0	84	44	64.0	00	34	01.0	07.9	03.4	000.0
21	34.2	16.5	25.4	17.7	89	48	68.5	07	34	01.7	08.4	04.5	000.0
22	33.5	16.0	24.8	17.5	82	39	60.5	36	29	01.6	09.2	03.4	000.0
23	33.0	17.0	25.0	16.0	83	32	57.5	00	34	02.8	09.0	03.2	000.0
24	33.0	13.6	23.3	19.4	81	36	58.5	00	18	01.8	09.3	03.7	000.0
25	34.4	15.5	25.0	18.9	83	33	58.0	18	34	01.3	09.0	03.6	000.0
26	34.0	15.0	24.5	19.0	80	27	53.5	00	34	01.4	09.1	04.0	000.0
27	33.5	13.2	23.4	20.3	77	32	54.5	00	36	02.1	09.4	04.6	000.0
28	32.2	14.5	23.4	17.7	78	37	57.5	00	27	02.5	09.0	04.1	000.0
29	32.5	15.5	24.0	17.0	89	49	69.0	02	34	02.3	08.8	03.5	000.0
30	31.5	17.5	24.5	14.0	83	48	65.5	36	34	02.8	08.7	03.0	000.0
<b>Total</b>	<b>1029.9</b>	<b>544.7</b>	<b>787.3</b>	<b>485.2</b>	<b>2504</b>	<b>1134</b>	<b>1819</b>			<b>65.6</b>	<b>249.5</b>	<b>117.4</b>	<b>34.6</b>
<b>Mean</b>	<b>34.3</b>	<b>18.2</b>	<b>26.2</b>	<b>16.2</b>	<b>83.5</b>	<b>37.8</b>	<b>60.6</b>			<b>2.2</b>	<b>8.3</b>	<b>3.9</b>	<b>1.2</b>
<b>S.D.</b>	<b>1.2</b>	<b>2.3</b>	<b>1.6</b>	<b>1.9</b>	<b>6.1</b>	<b>6.5</b>	<b>5.3</b>			<b>0.7</b>	<b>1.3</b>	<b>0.6</b>	<b>6.3</b>
<b>C.V.%</b>	<b>3.5</b>	<b>12.8</b>	<b>6.1</b>	<b>11.7</b>	<b>7.3</b>	<b>17.3</b>	<b>8.7</b>			<b>32.9</b>	<b>15.1</b>	<b>16.6</b>	<b>547.7</b>
<b>High.</b>	<b>36.2</b>	<b>21.4</b>	<b>28.6</b>	<b>20.3</b>	<b>96.0</b>	<b>49.0</b>	<b>69.5</b>			<b>4.0</b>	<b>9.9</b>	<b>5.4</b>	<b>34.6</b>
<b>Low.</b>	<b>31.5</b>	<b>13.2</b>	<b>23.3</b>	<b>12.4</b>	<b>68.0</b>	<b>27.0</b>	<b>50.5</b>			<b>1.0</b>	<b>4.5</b>	<b>3.0</b>	<b>0.0</b>

**November -2014**

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	21.5	35.4	20.0	23.6	16.6	14.5	27.0	28.0	32.5	44.5	36.5	33.8
2	25.0	35.0	21.0	23.0	16.2	13.7	28.5	28.5	32.5	43.6	36.0	33.2
3	24.0	35.4	21.8	23.4	18.2	14.3	28.2	29.0	32.8	45.5	37.0	34.4
4	24.6	34.6	21.6	23.0	17.5	14.0	28.5	29.0	33.0	43.4	36.8	33.6
5	24.8	33.6	22.8	23.4	19.6	15.3	27.6	28.5	32.7	44.0	36.5	34.0
6	26.0	33.0	23.0	23.0	19.2	14.9	28.6	28.8	32.6	43.2	36.0	33.4
7	23.5	33.0	21.4	23.8	17.8	16.5	24.6	28.5	32.7	46.0	36.5	34.0
8	22.5	34.0	21.0	23.2	17.7	14.7	28.0	28.8	32.7	45.5	36.5	34.2
9	22.4	34.4	21.6	22.8	18.9	13.7	27.5	28.2	32.4	44.4	36.0	34.0
10	22.6	34.6	21.4	22.0	18.4	12.1	27.0	28.0	32.5	44.0	35.5	33.5
11	26.2	34.4	23.6	22.4	20.2	13.0	27.5	28.0	33.5	44.0	35.4	33.5
12	23.6	35.0	21.0	22.0	17.1	11.8	28.0	28.8	32.5	45.0	35.5	33.6
13	25.4	35.2	24.0	23.0	21.5	13.5	29.5	29.5	33.0	42.5	36.0	34.4
14	25.2	35.0	23.6	24.0	20.8	15.6	29.2	29.5	33.0	43.2	36.2	34.0
15	25.2	34.0	23.0	25.2	19.7	18.7	29.2	30.0	33.5	44.0	36.0	34.5
16	23.4	33.0	23.0	23.2	20.8	15.3	26.0	27.0	32.0	43.2	34.4	33.2
17	24.6	33.6	23.4	23.8	20.8	16.1	27.5	28.2	32.4	39.0	35.0	33.7
18	25.6	33.4	24.5	25.0	22.4	18.5	28.0	28.6	32.6	38.3	34.2	33.5
19	25.0	34.5	24.0	25.6	21.7	19.1	27.4	28.6	32.0	38.0	34.5	33.4
20	23.2	34.0	21.4	24.6	18.0	17.4	26.0	27.0	31.6	37.4	33.5	32.7
21	21.4	33.2	20.2	24.8	17.0	18.3	23.5	25.0	30.4	36.4	32.0	31.5
22	22.0	32.4	20.0	22.4	16.3	14.2	23.6	24.7	29.6	36.5	33.4	31.5
23	21.5	32.2	19.6	20.0	16.0	11.5	24.0	25.0	29.0	36.6	31.4	30.0
24	19.0	34.0	17.0	23.0	13.3	14.0	22.0	23.6	29.0	37.0	32.6	30.2
25	20.4	33.0	18.5	21.5	14.8	12.2	23.6	25.2	30.5	38.5	33.2	30.6
26	19.5	32.6	17.6	20.0	14.0	09.8	23.5	25.2	29.6	38.0	33.0	30.8
27	18.0	31.5	15.6	20.5	11.8	11.3	22.6	24.5	29.2	37.0	32.0	30.4
28	21.0	32.0	18.6	21.8	14.5	13.4	23.6	25.0	29.2	38.2	33.0	30.5
29	21.0	31.0	19.8	23.2	16.6	16.7	24.2	25.0	29.4	36.8	32.4	30.6
30	23.0	31.4	21.0	23.4	17.4	16.7	24.5	26.0	29.5	37.0	31.5	30.4
<b>Total</b>	<b>691.1</b>	<b>1008.4</b>	<b>635.0</b>	<b>690.6</b>	<b>534.8</b>	<b>440.8</b>	<b>788.9</b>	<b>819.7</b>	<b>947.9</b>	<b>1230.7</b>	<b>1038.5</b>	<b>981.1</b>
<b>Mean</b>	<b>23.0</b>	<b>33.6</b>	<b>21.2</b>	<b>23.0</b>	<b>17.8</b>	<b>14.7</b>	<b>26.3</b>	<b>27.3</b>	<b>31.6</b>	<b>41.0</b>	<b>34.6</b>	<b>32.7</b>
<b>S.D.</b>	<b>2.2</b>	<b>1.2</b>	<b>2.2</b>	<b>1.4</b>	<b>2.6</b>	<b>2.4</b>	<b>2.3</b>	<b>1.9</b>	<b>1.6</b>	<b>3.5</b>	<b>1.8</b>	<b>1.5</b>
<b>C.V.%</b>	<b>9.4</b>	<b>3.7</b>	<b>10.4</b>	<b>6.0</b>	<b>14.6</b>	<b>16.1</b>	<b>8.6</b>	<b>6.8</b>	<b>4.9</b>	<b>8.5</b>	<b>5.1</b>	<b>4.7</b>
<b>Highest</b>	<b>26.2</b>	<b>35.4</b>	<b>24.5</b>	<b>25.6</b>	<b>22.4</b>	<b>19.1</b>	<b>29.5</b>	<b>30.0</b>	<b>33.5</b>	<b>46.0</b>	<b>37.0</b>	<b>34.5</b>
<b>Lowest</b>	<b>18.0</b>	<b>31.0</b>	<b>15.6</b>	<b>20.0</b>	<b>11.8</b>	<b>9.8</b>	<b>22.0</b>	<b>23.6</b>	<b>29.0</b>	<b>36.4</b>	<b>31.4</b>	<b>30.0</b>

**December -2014**

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	88	26	57	11	02	03.1	08.9	03.4	000.0
2	33.4	14.0	23.7	19.4	79	28	54	11	09	01.8	08.5	03.8	000.0
3	33.2	15.0	24.1	18.2	67	27	47	00	02	02.3	08.5	04.5	000.0
4	33.5	13.4	23.5	20.1	72	25	49	00	09	03.0	09.0	04.4	000.0
5	33.8	13.0	23.4	20.8	69	25	47	05	09	02.2	08.9	04.6	000.0
6	33.4	14.5	24.0	18.9	61	30	46	07	09	02.2	08.5	03.8	000.0
7	33.0	13.5	23.3	19.5	63	28	46	11	09	02.6	07.3	04.2	000.0
8	32.0	12.5	22.3	19.5	69	29	49	07	11	02.2	08.5	03.6	000.0
9	32.2	12.0	22.1	20.2	70	20	45	16	09	03.4	08.9	04.5	000.0
10	31.2	10.6	20.9	20.6	27	18	23	02	36	04.3	08.9	05.2	000.0
11	31.8	10.4	21.1	21.4	62	51	57	36	36	06.6	05.9	06.2	000.0
12	30.8	12.0	21.4	18.8	74	70	72	11	36	05.1	09.0	05.6	000.0
13	30.5	12.0	21.3	18.5	78	73	76	32	14	02.5	09.0	04.8	000.0
14	30.5	15.0	22.8	15.5	72	87	80	14	14	03.7	09.4	05.8	000.0
15	27.6	8.5	18.1	19.1	88	64	76	16	07	04.0	08.4	06.0	000.0
16	28.5	11.5	20.0	17.0	76	44	60	07	07	05.0	08.9	04.0	000.0
17	28.5	10.8	19.7	17.7	76	58	67	14	16	04.5	08.9	05.2	000.0
18	28.0	7.5	17.8	20.5	77	37	57	09	32	03.6	05.2	05.4	000.0
19	29.0	9.4	19.2	19.6	76	31	54	23	07	02.4	05.4	02.7	000.0
20	30.5	13.0	21.8	17.5	73	37	55	14	05	02.7	08.4	04.2	000.0
21	28.8	6.5	17.7	22.3	71	41	56	00	20	03.1	05.4	02.7	000.0
22	30.4	9.0	19.7	21.4	84	50	67	16	20	02.1	08.6	03.4	000.0
23	30.2	10.4	20.3	19.8	88	32	60	00	05	02.1	09.0	03.2	000.0
24	28.5	10.0	19.3	18.5	76	41	59	20	02	05.2	08.7	04.7	000.0
25	29.5	12.5	21.0	17.0	74	31	53	34	14	06.6	07.8	03.8	000.0
26	30.2	15.0	22.6	15.2	55	22	39	07	05	05.2	08.7	04.4	000.0
27	29.5	8.0	18.8	21.5	64	43	54	07	05	04.5	08.9	06.6	000.0
28	29.6	10.5	20.1	19.1	55	39	47	02	09	02.3	09.1	03.8	000.0
29	29.2	7.6	18.4	21.6	68	33	51	16	16	02.7	08.9	06.0	000.0
30	28.5	7.5	18.0	21.0	75	32	54	14	32	02.8	08.6	03.0	000.0
31	26.8	11.0	18.9	15.8	47	30	39	05	14	05.4	08.1	05.5	00.0
<b>Total</b>	<b>945.1</b>	<b>352.1</b>	<b>648.6</b>	<b>593.0</b>	<b>2174</b>	<b>1202</b>	<b>1688</b>			<b>109.2</b>	<b>256.2</b>	<b>139.0</b>	<b>0.0</b>
<b>Mean</b>	<b>30.5</b>	<b>11.4</b>	<b>20.9</b>	<b>19.1</b>	<b>70.1</b>	<b>38.8</b>	<b>54.5</b>			<b>3.5</b>	<b>8.3</b>	<b>4.5</b>	<b>0.0</b>
<b>S.D.</b>	<b>2.0</b>	<b>2.5</b>	<b>2.1</b>	<b>1.9</b>	<b>12.5</b>	<b>16.6</b>	<b>12.0</b>			<b>1.4</b>	<b>1.2</b>	<b>1.1</b>	<b>0.0</b>
<b>C.V.%</b>	<b>6.4</b>	<b>22.4</b>	<b>9.9</b>	<b>9.8</b>	<b>17.8</b>	<b>42.9</b>	<b>22.0</b>			<b>38.9</b>	<b>14.1</b>	<b>23.6</b>	<b>0.0</b>
<b>High.</b>	<b>33.8</b>	<b>15.5</b>	<b>24.1</b>	<b>22.3</b>	<b>88.0</b>	<b>87.0</b>	<b>79.5</b>			<b>6.6</b>	<b>9.4</b>	<b>6.6</b>	<b>0.0</b>
<b>Low.</b>	<b>26.8</b>	<b>6.5</b>	<b>17.7</b>	<b>15.2</b>	<b>27.0</b>	<b>18.0</b>	<b>22.5</b>			<b>1.8</b>	<b>5.2</b>	<b>2.7</b>	<b>0.0</b>

**December -2014**

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	19.0	32.8	17.8	20.0	14.5	09.7	24.5	25.5	29.0	38.0	32.0	30.5
2	18.6	33.0	16.4	20.5	12.6	10.5	23.5	24.5	29.0	38.0	33.0	30.6
3	20.5	32.5	16.8	20.0	12.1	09.9	24.0	25.5	29.6	37.6	32.6	30.6
4	19.0	33.0	16.0	20.0	11.8	10.6	24.0	25.0	29.5	38.0	33.5	30.5
5	18.2	33.0	15.0	20.0	10.9	09.6	23.6	24.6	29.2	38.0	32.6	30.6
6	19.0	32.0	14.8	20.4	10.1	10.9	23.6	24.8	29.8	37.2	32.2	30.5
7	20.8	32.6	16.6	20.2	11.6	10.2	24.6	25.0	29.2	36.8	33.2	31.5
8	18.0	31.8	14.8	20.0	10.7	10.3	23.0	24.2	29.0	35.5	33.0	31.0
9	17.4	32.0	14.4	18.0	10.5	07.0	22.5	23.8	28.6	34.6	30.6	29.6
10	22.4	30.5	13.0	16.6	05.6	05.8	22.0	23.6	28.2	36.6	30.5	29.0
11	15.0	31.6	11.4	24.0	07.9	17.8	21.5	21.8	28.0	36.5	30.0	28.5
12	15.2	30.2	12.8	26.0	09.7	22.7	22.0	24.5	27.6	36.5	29.5	27.5
13	14.0	28.5	12.0	25.0	09.3	21.6	20.5	24.0	25.5	36.0	29.0	28.0
14	20.0	27.0	17.0	25.4	12.7	23.3	20.0	22.0	26.0	35.0	28.0	27.0
15	11.6	27.0	10.6	22.2	09.0	17.1	17.5	19.6	25.6	32.7	27.4	22.5
16	19.4	28.2	16.8	20.0	12.8	12.6	19.5	20.5	25.5	35.0	28.0	26.5
17	15.0	27.4	12.8	21.6	09.8	15.8	19.0	20.4	25.5	33.5	28.0	26.2
18	13.0	28.2	11.0	20.8	08.7	10.5	17.8	19.6	25.2	32.5	27.0	26.0
19	14.0	30.0	11.8	19.0	09.1	09.8	19.0	20.5	25.5	36.0	28.0	26.5
20	16.2	28.4	13.6	19.0	10.1	10.7	21.8	22.5	26.4	32.8	27.5	27.0
21	13.5	30.0	11.0	21.0	08.3	13.1	18.0	20.7	25.5	36.5	28.6	26.5
22	13.5	30.0	12.2	22.0	09.8	16.1	19.0	20.5	25.5	34.5	28.2	26.6
23	13.0	28.0	12.0	17.8	09.9	09.8	19.5	20.6	25.8	32.8	27.5	26.5
24	14.4	29.0	12.0	20.6	09.0	13.0	20.0	21.0	25.6	35.0	27.6	26.5
25	15.0	30.0	12.5	19.0	09.5	09.8	20.0	23.0	25.5	34.0	25.0	25.0
26	22.4	28.6	17.0	16.4	11.2	06.6	21.5	22.2	26.2	35.5	28.5	27.2
27	13.0	28.4	9.6	20.0	06.9	12.4	19.4	20.6	25.9	34.5	28.0	27.0
28	16.5	28.0	12.0	19.0	07.7	11.0	17.0	20.0	25.0	34.0	27.8	26.8
29	12.6	28.0	9.8	18.0	07.4	09.4	18.8	20.4	25.5	34.0	27.5	26.5
30	11.0	26.4	9.0	16.5	07.4	08.3	18.5	20.5	25.4	32.5	26.5	26.0
31	15.2	27.0	10.0	16.8	06.1	08.2	18.5	20.1	25.0	33.0	27.0	26.2
<b>Total</b>	<b>506.4</b>	<b>923.1</b>	<b>412.5</b>	<b>625.8</b>	<b>302.7</b>	<b>374.1</b>	<b>644.1</b>	<b>691.5</b>	<b>832.8</b>	<b>1093.1</b>	<b>907.8</b>	<b>860.9</b>
<b>Mean</b>	<b>16.3</b>	<b>29.8</b>	<b>13.3</b>	<b>20.2</b>	<b>9.8</b>	<b>12.1</b>	<b>20.8</b>	<b>22.3</b>	<b>26.9</b>	<b>35.3</b>	<b>29.3</b>	<b>27.8</b>
<b>S.D.</b>	<b>3.2</b>	<b>2.1</b>	<b>2.6</b>	<b>2.5</b>	<b>2.1</b>	<b>4.5</b>	<b>2.3</b>	<b>2.0</b>	<b>1.7</b>	<b>1.8</b>	<b>2.4</b>	<b>2.1</b>
<b>C.V.%</b>	<b>19.5</b>	<b>7.1</b>	<b>19.3</b>	<b>12.2</b>	<b>21.3</b>	<b>37.1</b>	<b>11.0</b>	<b>9.1</b>	<b>6.4</b>	<b>5.1</b>	<b>8.1</b>	<b>7.7</b>
<b>Highest</b>	<b>22.4</b>	<b>33.0</b>	<b>17.8</b>	<b>26.0</b>	<b>14.5</b>	<b>23.3</b>	<b>24.6</b>	<b>25.5</b>	<b>29.8</b>	<b>38.0</b>	<b>33.5</b>	<b>31.5</b>
<b>Lowest</b>	<b>11.0</b>	<b>26.4</b>	<b>9.0</b>	<b>16.4</b>	<b>5.6</b>	<b>5.8</b>	<b>17.0</b>	<b>19.6</b>	<b>25.0</b>	<b>32.5</b>	<b>25.0</b>	<b>22.5</b>

## 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.

" 52<sup>nd</sup> week will have 8 days, 24 to 31 December