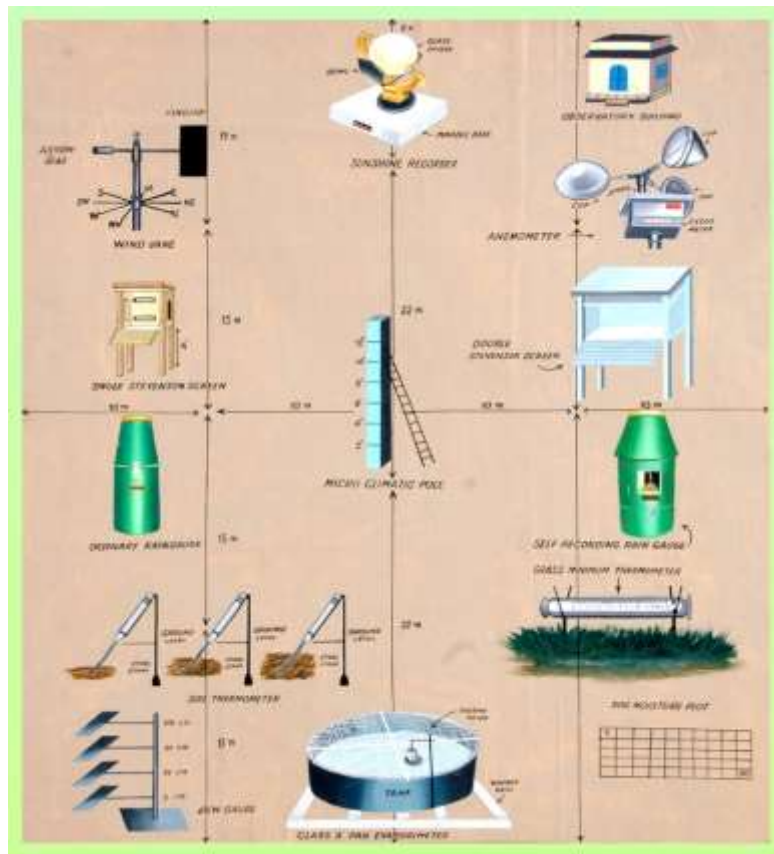


Annual Weather Report -2016



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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 32 years (1985-2016) 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 us

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INTRODUCTION

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

In view of the above the weather parameters recorded at the Agro meteorological observatory, Department of Agronomy, Junagadh Agricultural University, Junagadh from 1st January 2016 to 31st December 2016 are analysed 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, standard deviation, coefficient of variation, 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 32 years (1985-2016) 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 1125.1 mm was received in 45 rainy days. Whereas, monsoon rainfall of 972 mm was received in 41 rainy days during the year 2016. The rain commenced from 20th June at normal onset of monsoon and withdrew from 8th October 2016.

2. Maximum temperature

The highest maximum temperature of 45.5 °C was recorded on 19th May-2016.

3. Minimum Temperature

The lowest minimum temperature of 7.0 °C was recorded on 22th January-2016.

Summary of weather parameter during 2016

Annual rainfall (mm) (rainy days)	:	1125 (45)
Seasonal rainfall (mm) (rainy days)	:	972 (41)
Onset of monsoon	:	20 th June, 2016
Withdrawal of monsoon	:	8 th October, 2016
Maximum temperature	:	45.5 °C (19/05/2016)
Minimum temperature	:	7.0 °C (22/01/2016)
Wind speed (km/hr)	:	5.4
Evaporation (mm/day)	:	5.6
Bright sunshine (hr/day)	:	6.2

TABLE-1 DAILY RAINFALL (mm) AT JUNAGADH (YEAR-2016)

Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1							11.2	42.4	0.6			
2							7.5	0.9	3.3			
3							5.6	6.7				
4							11	8.6		39.2		
5							4.2	64.8		95.4		
6								18.6		0.3		
7								9.4	5.4	6.6		
8								4.4		11.6		
9							0.6	22.2				
10								25				
11							0.4	3.4				
12												
13							21.9					
14							3.7		5			
15							0.6		1.8			
16							14.8					
17							12.2					
18							8.8		46.2			
19							16		68			
20						1.6	2.7		3			
21						1.2			10.8			
22						26.2						
23						0.4			130			
24						0.6						
25												
26						1.3		46				
27						1.4		38.6				
28						9.2		4				
29						19.7	59	3.2				
30						0.4	10.9	2.1				
31							89.2	55.3				
Total	0.0	0.0	0.0	0.0	0.0	62.0	280.3	355.6	274.1	153.1	0.0	0.0
R. Days	0	0	0	0	0	3	15	15	8	4	0	0
Grand Total :						1125.1						
						Rainy Days: 45						
< 2.5	0	0	0	0	0	7	3	2	2	1	0	0
2.5 - 10	0	0	0	0	0	1	6	7	4	1	0	0
10.- 30	0	0	0	0	0	2	7	3	1	1	0	0
30-60	0	0	0	0	0	0	1	4	1	1	0	0
>60	0	0	0	0	0	0	1	1	2	1	0	0

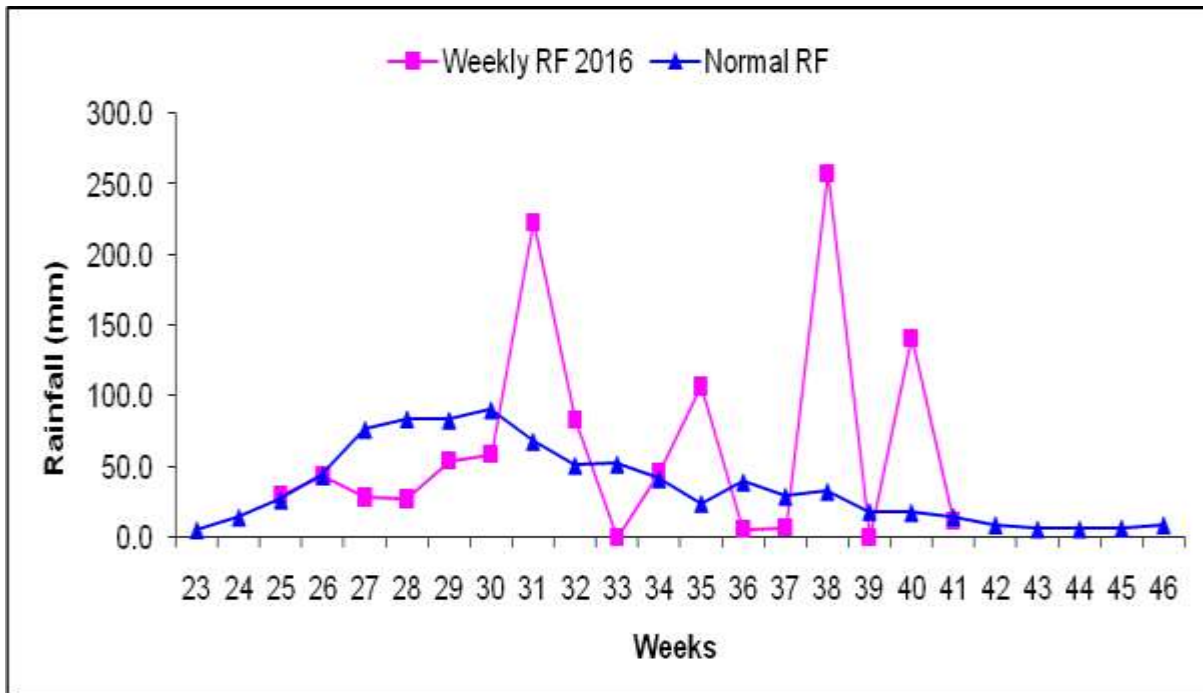


Fig. 1:- Weekly rainfall pattern-2016

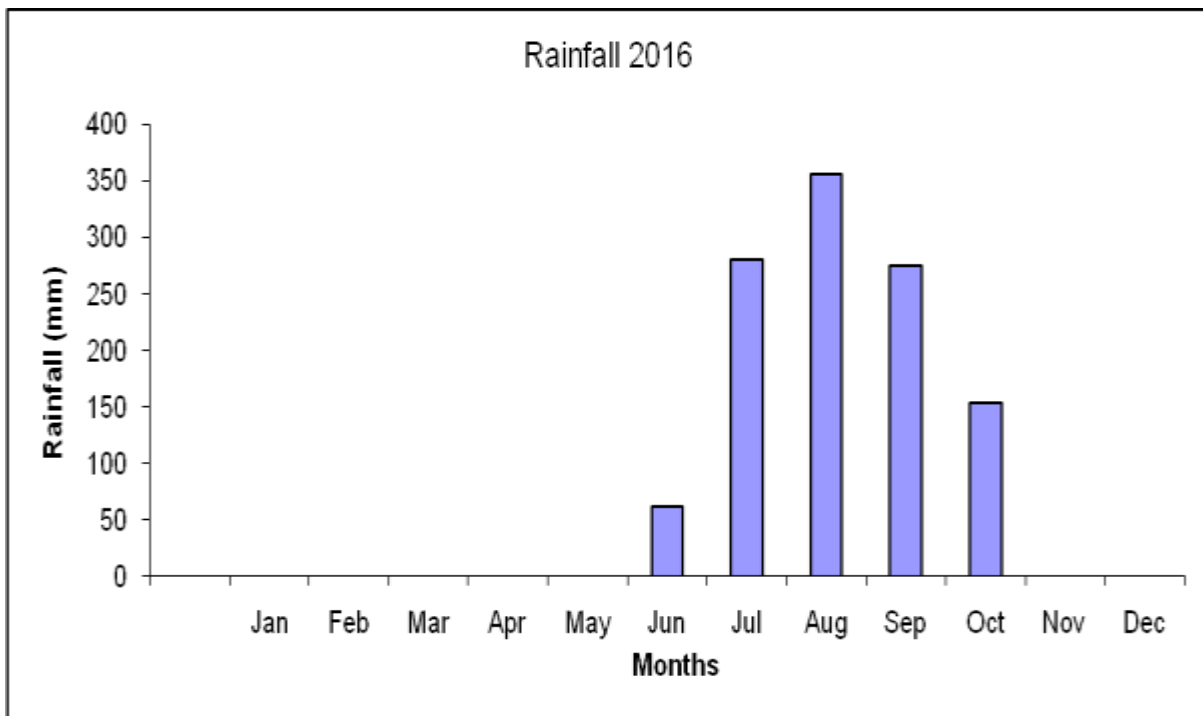


Fig. 2:- Monthly rainfall pattern-2016

TABLE-2(A) WEEKLY MEAN WEATHER DATA- I DURING 2016

Week No.	Temp. °C		R.H. %		W.S.	BSS	Evapo.	Total Rainfall (mm)	Rainy Days
	Max	Min	I	II	(kmph)	(hrs)	(mm)		
1-J	33.5	13.8	74	30	3.2	8.3	5.0		
2	30.2	12.3	78	33	3.5	8.3	5.0		
3	28.2	11.7	72	33	4.4	8.3	5.5		
4	29.8	10.4	76	39	2.7	8.9	4.7		
5	31.4	14.6	82	37	4.1	8.5	5.5		
6-F	31.0	12.5	79	34	3.8	9.2	5.7		
7	30.8	16.1	73	33	5.3	7.1	5.6		
8	33.2	17.5	63	35	5.6	6.0	6.9		
9	37.5	18.1	74	22	3.4	6.1	7.8		
10-M	35.6	19.8	75	35	5.3	9.4	8.4		
11	34.9	20.2	81	37	5.9	9.6	7.7		
12	39.1	21.7	66	27	5.6	8.9	10.0		
13	38.6	20.7	69	21	5.9	9.0	9.4		
14-A	37.9	21.4	74	24	6.0	7.6	8.8		
15	38.4	22.4	75	20	6.7	9.0	10.2		
16	39.1	22.7	77	27	6.7	11.0	10.4		
17	38.2	22.5	74	29	6.4	8.2	9.6		
18	39.7	24.6	82	33	7.5	10.1	10.0		
19-M	40.3	24.9	86	37	7.5	10.1	9.3		
20	43.0	25.8	79	32	8.0	9.3	11.1		
21	38.1	26.7	76	46	14.8	3.8	10.1		
22	38.2	26.3	74	42	12.1	4.9	9.9		
23-J	40.5	26.1	76	44	9.8	5.4	10.5		
24	37.0	26.5	85	57	16.8	1.3	10.7		
25	35.5	25.4	84	60	7.0	1.5	5.8	30.0	1.0
26	32.3	24.9	85	88	6.6	1.6	3.0	43.2	3.0
27-J	31.7	25.2	89	78	9.1	0.1	2.7	28.3	4.0
28	31.3	24.5	88	80	8.8	0.1	2.3	27.2	2.0
29	31.0	23.4	90	76	7.4	0.6	2.8	54.5	5.0
30	33.0	24.0	86	70	5.2	0.3	3.8	59.0	1.0
31	28.4	23.5	96	92	6.2	0.0	0.4	223.5	6.0
32-A	28.4	24.4	94	90	6.9	0.0	0.4	83.0	6.0
33	31.4	25.3	87	68	8.3	1.2	3.7		
34	31.8	24.7	89	73	6.6	0.3	3.5	46.0	1.0
35	30.3	24.8	91	84	3.5	0.3	1.6	107.1	5.0
36-S	31.9	23.8	85	61	06.6	6.3	4.0	5.4	1.0
37	33.7	24.8	81	56	4.2	8.4	4.5	6.8	1.0
38	30.3	23.6	91	79	3.2	1.4	1.7	258.0	5.0
39	32.1	23.7	84	66	3.4	7.6	3.9		
40-O	31.0	24.1	76	79	2.6	2.7	1.9	141.4	3.0
41	32.2	23.0	89	63	2.3	6.1	3.1	11.6	1.0
42	34.1	20.8	80	38	2.2	8.5	4.5		
43	33.0	19.2	80	39	2.2	9.2	3.7		
44	34.7	16.9	71	25	1.9	8.4	4.2		
45-N	33.9	15.2	73	24	1.8	8.1	4.0		
46	33.2	15.0	70	33	2.6	8.6	4.0		
47	33.9	14.2	72	27	1.6	8.4	3.4		
48	33.6	13.9	76	29	2.1	8.7	3.6		
49-D	33.5	14.1	70	26	2.2	8.5	3.7		
50	32.3	15.0	72	28	2.9	8.7	4.0		
51	30.7	12.6	81	29	2.2	8.0	3.6		
52	31.9	11.7	74	23	2.4	8.7	3.7		
Mean	33.9	20.4	79	46	5.4	6.2	5.6	1125.0	45
S.D.	3.6	5.0	08	22	3.2	3.5	3.0	11.0	2.0
C.V. %	10.5	24.4	10	47	58.7	57.5	54.6	6.9	4.4
Highest	43.0	26.7	96	92	16.8	11.0	11.1	36.9	6.0
Lowest	28.2	10.4	63	20	1.6	0.0	0.4	0.8	1.0

TABLE-2(B) WEEKLY MEAN WEATHER DATA- II DURING 2016

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-J	16.9	32.3	14.4	20.6	22.4	23.9	26.2	37.0	30.0	27.3
2	15.5	29.1	13.5	18.7	21.8	23.3	26.0	36.7	29.2	26.7
3	14.7	28.0	12.1	18.0	21.1	22.6	25.3	36.7	28.7	26.1
4	14.2	29.6	12.0	20.2	19.6	21.4	24.6	36.1	29.1	25.8
5	18.5	30.9	15.9	20.7	22.8	24.1	26.6	36.5	31.0	27.4
6-F	15.1	30.4	13.2	19.6	21.2	23.3	26.1	37.4	30.4	27.1
7	20.0	31.1	17.1	20.2	23.6	24.5	26.9	38.1	31.5	27.7
8	22.0	33.1	17.6	21.9	23.8	24.5	27.3	38.9	32.6	28.5
9	21.7	37.4	18.7	22.2	25.5	26.2	29.2	40.9	35.4	30.4
10-M	24.4	35.0	21.3	23.5	27.5	27.9	30.7	42.2	35.5	31.7
11	24.1	34.7	21.9	23.6	27.9	28.6	31.2	42.9	35.7	32.1
12	26.6	38.6	22.0	24.2	29.2	29.8	32.7	45.4	37.2	33.4
13	26.0	38.3	21.9	22.3	29.7	30.6	33.1	42.6	37.3	33.8
14-A	26.0	37.3	22.5	22.6	30.4	30.7	33.6	46.4	38.1	34.2
15	26.9	38.5	23.5	22.3	31.4	30.9	34.2	48.0	39.3	34.9
16	27.0	38.1	23.9	23.7	32.0	31.9	34.6	48.0	39.9	35.7
17	27.7	38.3	24.2	24.4	32.0	32.0	34.2	45.8	39.7	35.7
18	28.2	38.9	26.0	25.8	34.7	33.5	35.8	45.5	41.2	36.8
19-M	28.5	40.1	26.7	27.9	34.4	34.4	37.0	45.4	42.3	37.6
20	30.0	42.1	27.0	28.2	34.8	35.1	37.5	48.6	42.8	38.5
21	31.0	37.1	27.6	27.6	34.7	34.8	37.0	45.9	40.6	37.8
22	31.0	38.0	27.3	27.4	34.6	34.8	37.1	47.1	41.0	37.7
23-J	30.6	38.9	27.2	28.4	34.7	35.4	37.5	48.4	42.4	38.4
24	30.9	35.8	27.5	28.7	34.9	35.0	36.9	44.2	39.9	37.3
25	29.1	33.9	27.0	27.3	32.7	32.0	34.2	39.2	36.5	34.9
26	28.7	28.7	26.7	26.9	30.5	29.3	31.7	34.6	32.2	32.0
27-J	28.5	30.3	27.1	27.2	29.6	28.5	29.9	32.4	30.4	30.3
28	27.9	29.4	26.3	26.7	29.0	27.9	29.3	32.4	30.5	30.6
29	26.7	29.9	25.6	26.5	28.4	27.4	28.6	31.9	30.0	29.4
30	27.7	30.7	25.9	26.1	29.8	28.1	30.1	35.2	32.9	31.0
31	26.1	27.1	25.6	26.1	27.9	26.8	27.7	29.2	27.8	27.8
32-A	26.1	27.5	25.5	26.1	27.6	26.4	26.9	29.4	27.7	26.7
33	27.2	30.8	25.6	26.1	28.6	27.5	28.6	34.4	32.0	29.6
34	26.7	29.3	25.3	25.4	29.1	28.0	29.8	33.9	31.6	30.2
35	27.1	28.7	26.1	26.5	29.1	27.6	28.5	32.7	30.5	29.5
36-S	26.6	31.3	24.7	25.5	27.4	26.5	28.3	34.6	32.1	30.1
37	27.8	33.3	25.4	26.4	29.7	28.6	30.8	41.7	37.5	32.5
38	26.0	28.3	24.9	25.8	28.0	27.2	28.8	31.3	30.2	29.3
39	26.9	31.6	24.9	26.6	27.8	26.4	28.4	34.8	31.8	29.9
40-O	26.1	29.4	25.1	26.4	27.6	26.8	28.1	32.8	29.8	28.8
41	26.0	31.7	24.7	26.1	27.3	26.4	28.1	34.9	31.4	29.5
42	24.7	33.6	22.5	23.0	25.5	24.9	27.3	35.2	31.4	28.6
43	24.1	32.8	21.4	22.6	25.1	24.6	27.4	37.2	33.3	29.3
44	22.6	33.6	19.1	20.2	25.2	24.9	28.1	38.1	34.7	29.7
45-N	20.4	33.2	17.5	19.9	24.5	24.3	27.7	37.2	33.4	28.8
46	19.8	32.3	16.5	21.1	24.6	24.4	27.5	36.6	33.4	29.5
47	18.9	33.2	16.0	20.5	24.1	24.0	27.3	36.4	32.9	28.3
48	18.8	33.1	16.2	20.7	23.8	23.7	26.9	36.1	32.1	27.9
49-D	19.5	32.8	16.2	20.1	23.6	23.8	27.0	36.1	31.2	27.8
50	19.1	31.9	15.9	19.7	23.7	23.7	26.7	36.1	30.8	27.7
51	17.5	31.2	15.5	20.9	22.8	23.0	26.3	35.5	30.4	27.0
52	16.2	31.5	13.8	18.9	22.0	25.3	35.0	29.6	25.6	10.4
Mean	24.2	33.1	21.8	23.8	27.7	27.6	30.1	38.4	33.7	30.6
S.D.	4.8	4.9	3.7	3.1	4.2	3.8	3.7	5.5	4.4	4.6
C.V.%	19.7	14.9	17.2	12.9	15.1	13.8	12.4	14.2	13.0	15.1
Highest	31.0	42.1	42.1	28.7	34.9	35.4	37.5	48.6	42.8	38.5
Lowest	14.2	27.1	12.0	18.0	19.6	21.4	24.6	29.2	25.6	10.4

TABLE-2(C) WEEKLY NORMAL WEATHER DATA AT JUNAGADH (1965-2014)

Week No	Temperature °C		RH. %	W.S.	BSS	EVAPO.	Rainfall	Rainy
	Max	Min	Average	(km/h)	(hrs)	(mm)	(mm)	Days
1	29.4	10.6	54	6.3	8.8	5.5	0.3	0.0
2	29.6	10.7	54	7.0	9.1	5.6	0.1	0.0
3	29.5	10.1	54	6.1	9.5	5.8	0.3	0.0
4	30.5	11.9	53	6.4	9.5	6.0	0.0	0.0
5	31.1	11.3	53	6.5	9.6	6.5	0.0	0.0
6	31.4	12.4	51	6.7	9.8	6.9	0.3	0.0
7	31.7	13.7	54	6.4	9.5	6.7	0.1	0.0
8	32.7	14.8	53	6.9	9.8	7.3	0.7	0.0
9	34.0	15.5	51	7.1	9.8	8.0	0.0	0.0
10	35.3	16.9	50	7.2	9.7	8.9	0.2	0.0
11	36.2	18.5	52	7.8	9.4	9.0	0.0	0.0
12	37.0	19.1	55	8.1	9.6	9.3	0.7	0.0
13	37.8	20.5	54	8.5	9.4	10.0	0.1	0.0
14	38.5	21.1	53	7.8	9.8	10.4	0.0	0.0
15	38.9	21.6	60	8.2	9.9	10.1	0.4	0.0
16	39.2	22.6	61	8.8	10.1	10.6	0.0	0.0
17	39.3	23.5	63	8.8	9.9	10.5	0.2	0.0
18	39.2	24.1	64	9.6	10.1	10.4	0.5	0.0
19	39.4	24.7	68	9.7	9.9	10.1	0.0	0.0
20	39.3	25.3	69	10.3	10.1	10.5	0.7	0.0
21	38.5	26.0	72	11.6	9.8	10.5	0.2	0.0
22	37.9	26.2	70	12.3	9.4	10.3	4.4	0.0
23	37.7	26.7	72	12.9	8.0	9.4	13.7	1.0
24	36.3	26.3	74	12.3	5.7	8.0	40.0	1.2
25	34.9	26.3	77	13.3	4.0	7.6	40.9	1.9
26	34.4	26.2	77	12.1	4.0	7.2	70.8	2.8
27	33.4	25.6	82	11.4	3.9	6.3	79.3	3.0
28	32.7	25.5	85	11.8	2.7	5.0	80.5	3.0
29	31.6	25.1	88	10.4	2.1	4.9	88.1	3.0
30	31.4	24.9	88	11.2	2.2	5.0	70.9	3.1
31	30.5	24.6	88	10.3	2.2	4.1	57.2	3.1
32	30.6	24.2	88	9.9	2.1	3.6	49.5	3.0
33	31.0	23.9	88	8.3	2.0	3.5	40.2	2.1
34	31.5	23.7	87	7.1	3.1	3.9	24.1	2.0
35	31.6	23.6	86	6.4	3.6	3.7	41.7	3.0
36	31.6	23.4	85	6.2	4.7	4.3	33.9	2.1
37	32.4	22.8	83	5.2	6.3	4.2	35.3	2.1
38	33.6	22.6	79	4.9	7.4	4.6	17.6	1.9
39	34.6	23.4	78	4.8	7.5	4.6	21.4	1.0
40	35.6	23.2	72	4.9	8.4	5.1	15.0	1.0
41	36.7	22.6	66	4.3	8.6	5.4	7.8	0.9
42	36.6	20.8	62	4.6	8.8	5.7	5.0	0.0
43	36.4	20.0	61	4.8	8.9	5.6	5.1	0.9
44	35.8	18.5	55	5.3	9.2	5.8	5.7	0.0
45	35.2	18.0	56	4.6	8.7	5.7	7.7	0.0
46	34.6	18.2	57	4.7	8.5	5.4	1.7	0.0
47	33.5	16.7	57	4.1	8.5	5.0	3.0	0.0
48	32.1	15.1	55	5.8	8.6	5.4	0.9	0.0
49	32.4	13.1	56	5.5	8.8	5.2	0.3	0.0
50	31.6	11.4	57	5.4	8.5	5.0	1.1	0.0
51	31.1	11.8	56	5.1	8.4	5.2	0.1	0.0
52	30.0	10.4	55	5.8	8.3	5.2	0.2	0.0
Mean	34.2	20.0	66	7.7	7.6	6.7	867.8	42.1
Highest	39.4	26.7	88.1	13.3	10.1	10.6	--	--
Lowest	29.4	10.1	50	4.1	2.0	3.5	--	--

TABLE-3(A) MONTHLY MEAN WEATHER DATA-2016

Month	Temperature °C			RH %			W.S.	BSS	Evapo.	Total Rainfall mm	Total Rainy days
	Max	Min	Mean	I	II	Mean	Km/h	hrs.	mm		
Jan	30.6	12.5	21.5	76.2	34.8	56	3.5	8.5	5.0	0.0	0.0
Feb	32.3	15.2	23.7	72.0	31.0	52	4.5	7.3	6.4	0.0	0.0
March	38.1	20.8	29.4	69.9	28.0	49	5.4	8.8	9.2	0.0	0.0
April	38.5	22.3	30.4	75.3	24.8	50	6.4	9.0	9.7	0.0	0.0
May	39.9	25.7	32.8	79.6	38.4	59	10.1	7.6	10.1	0.0	0.0
June	36.6	25.8	31.2	79.2	59.0	69	10.1	2.9	7.9	62.0	3.0
July	31.5	24.2	27.8	88.8	77.5	83	7.3	0.3	2.7	280.3	15.0
August	30.2	24.7	27.4	91.4	80.9	86	6.6	0.3	2.0	355.6	15.0
Sept.	31.9	24.0	27.9	85.7	66.1	76	4.4	5.6	3.4	274.1	8.0
October	32.8	21.4	27.1	83.3	51.9	68	2.3	6.8	3.4	153.0	4.0
Nov.	33.9	14.8	24.3	72.6	27.1	50	1.9	8.4	3.8	0.0	0.0
Dec.	32.5	13.4	22.9	74.8	27.4	51	2.5	8.5	3.7	0.0	0.0
Total	408.7	244.7	326.7	948.9	546.7	747.8	65.1	74.0	67.4	1125.0	45.0
Mean	34.1	20.4	27.2	79	46	62	5.4	6.2	5.6	93.8	3.8
S.D.	3.3	5.0	3.5	6.9	20.7	13.6	2.8	3.2	2.9	135.5	5.8
C.V.%	9.8	24.6	12.8	8.7	45.4	21.9	51.7	52.3	52.1	144.5	154.7
Highest	39.9	25.8	32.8	91	81	86.1	10.1	9.0	10.1	355.6	15.0
Lowest	30.2	12.5	21.5	70	25	48.9	1.9	0.3	2.0	0.0	0.0

TABLE-3(B) MONTHLY MEAN WEATHER DATA-2016

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	15.8	29.9	13.5	19.6	21.4	22.9	25.6	36.6	29.4	26.5
Feb	19.1	32.2	15.9	20.5	23.1	24.2	27.0	38.4	32.0	28.0
March	25.5	37.5	21.5	23.6	28.5	29.2	32.0	43.4	36.6	32.8
April	26.9	38.1	23.6	23.2	31.5	31.4	34.1	47.2	39.3	35.1
May	29.7	39.3	26.9	27.5	34.6	34.6	36.9	46.2	41.6	37.7
June	30.0	34.9	27.1	27.8	33.4	33.2	35.4	42.5	38.3	36.0
July	27.6	29.9	26.2	26.6	29.1	28.0	29.4	32.7	30.7	30.2
August	26.7	28.8	25.7	26.0	28.5	27.2	28.3	32.1	30.0	28.7
Sept.	26.8	31.0	25.0	26.1	28.2	27.2	29.0	35.5	32.8	30.4
October	25.2	32.0	23.1	24.2	26.3	25.6	27.8	35.4	31.9	29.1
Nov.	19.8	33.1	16.8	20.4	24.3	24.2	27.5	36.8	33.2	28.8
Dec.	18.0	31.9	15.3	19.6	23.0	23.1	26.3	35.7	30.5	27.0
Total	291.0	398.6	260.7	285.2	332.0	330.9	359.4	462.3	406.2	370.6
Mean	24.2	33.2	21.7	23.8	27.7	27.6	30.0	38.5	33.9	30.9
S.D.	4.8	3.5	5.0	3.1	4.2	3.9	3.8	5.1	4.1	3.7
C.V.%	19.8	10.5	23.0	13.1	15.3	14.1	12.5	13.2	12.0	11.9
Highest	30.0	39.3	27.1	27.8	34.6	34.6	36.9	47.2	41.6	37.7
Lowest	15.8	28.8	13.5	19.6	21.4	22.9	25.6	32.1	29.4	26.5

TABLE-4 SEASONAL WEATHER CONDITION DURING - 2016

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	(km/h)	(hrs)	(mm)
(A) WINTER SEASON 2015-16															
49-Dec	33.7	14.0	23.6	24.9	27.5	37.6	31.9	29.1	0.0	0.0	66	29	2.5	8.1	5.0
50	29.8	12.0	21.5	23.4	26.2	37.0	29.4	27.4	0.0	0.0	64	29	3.9	8.0	5.0
51	29.1	11.2	19.9	21.7	24.7	35.4	27.9	25.7	0.0	0.0	55	22	4.7	8.5	5.2
52	32.1	12.4	21.2	22.4	25.0	36.2	29.1	26.1	0.0	0.0	64.4	30.8	4.0	8.0	4.9
1-J	33.5	13.8	22.4	23.9	26.2	37.0	30.0	27.3	0.0	0.0	74	30	3.2	8.3	5.0
2	30.2	12.3	21.8	23.3	26.0	36.7	29.2	26.7	0.0	0.0	78	33	3.5	8.3	5.0
3	28.2	11.7	21.1	22.6	25.3	36.7	28.7	26.1	0.0	0.0	72	33	4.4	8.3	5.5
4	29.8	10.4	19.6	21.4	24.6	36.1	29.1	25.8	0.0	0.0	76	39	2.7	8.9	4.7
5	31.4	14.6	22.8	24.1	26.6	36.5	31.0	27.4	0.0	0.0	82	37	4.1	8.5	5.5
6-F	31.0	12.5	21.2	23.3	26.1	37.4	30.4	27.1	0.0	0.0	79	34	3.8	9.2	5.7
7	30.8	16.1	23.6	24.5	26.9	38.1	31.5	27.7	0.0	0.0	73	33	5.3	7.1	5.6
8	33.2	17.5	23.8	24.5	27.3	38.9	32.6	28.5	0.0	0.0	63	35	5.6	6.0	6.9
9	37.5	18.1	25.5	26.2	29.2	40.9	35.4	30.4	0.0	0.0	74	22	3.4	6.1	7.8
Total	410.3	176.7	288.0	306.2	341.6	484.5	396.0	355.3	0.0	0.0	920.6	407.0	50.9	103.3	71.8
Mean	31.6	13.6	22.2	23.6	26.3	37.3	30.5	27.3	0.0	0.0	70.8	31.3	3.9	7.9	5.5
SD	2.5	2.4	1.7	1.3	1.3	1.4	2.0	1.4	0.0	0.0	7.8	4.8	0.9	1.0	0.9
CV	7.8	17.6	7.5	5.7	4.8	3.8	6.6	5.0	0.0	0.0	11.0	15.4	23.7	12.1	15.8
(B) SUMMER SEASON 2016															
10-M	35.6	19.8	27.5	27.9	30.7	42.2	35.5	31.7	0.0	0.0	75	35	5.3	9.4	8.4
11	34.9	20.2	27.9	28.6	31.2	42.9	35.7	32.1	0.0	0.0	81	37	5.9	9.6	7.7
12	39.1	21.7	29.2	29.8	32.7	45.4	37.2	33.4	0.0	0.0	66	27	5.6	8.9	10.0
13	38.6	20.7	29.7	30.6	33.1	42.6	37.3	33.8	0.0	0.0	69	21	5.9	9.0	9.4
14-A	37.9	21.4	30.4	30.7	33.6	46.4	38.1	34.2	0.0	0.0	74	24	6.0	7.6	8.8
15	38.4	22.4	31.4	30.9	34.2	48.0	39.3	34.9	0.0	0.0	75	20	6.7	9.0	10.2
16	39.1	22.7	32.0	31.9	34.6	48.0	39.9	35.7	0.0	0.0	77	27	6.7	11.0	10.4
17	38.2	22.5	32.0	32.0	34.2	45.8	39.7	35.7	0.0	0.0	74	29	6.4	8.2	9.6
18	39.7	24.6	34.7	33.5	35.8	45.5	41.2	36.8	0.0	0.0	82	33	7.5	10.1	10.0
19-M	40.3	24.9	34.4	34.4	37.0	45.4	42.3	37.6	0.0	0.0	86	37	7.5	10.1	9.3
20	43.0	25.8	34.8	35.1	37.5	48.6	42.8	38.5	0.0	0.0	79	32	8.0	9.3	11.1
21	38.1	26.7	34.7	34.8	37.0	45.9	40.6	37.8	0.0	0.0	76	46	14.8	3.8	10.1
22	38.2	26.3	34.6	34.8	37.1	47.1	41.0	37.7	0.0	0.0	74	42	12.1	4.9	9.9
Total	501.0	299.6	413.1	415.0	448.8	593.6	510.7	460.1	0.0	0.0	985.6	410.6	98.4	110.9	125.0
Mean	38.5	23.0	31.8	31.9	34.5	45.7	39.3	35.4	0.0	0.0	75.8	31.6	7.6	8.5	9.6
SD	2.0	2.3	2.7	2.4	2.3	2.1	2.4	2.2	0.0	0.0	5.2	7.9	2.8	2.1	0.9
CV	5.2	10.2	8.5	7.7	6.5	4.5	6.0	6.3	0.0	0.0	6.8	24.9	36.7	24.1	9.5

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	(km/h)	(hrs)	(mm)
(C) MONSOON SEASON 2016															
23-J	40.5	26.1	34.7	35.4	37.5	48.4	42.4	38.4	0.0	0.0	76	44	9.8	5.4	10.5
24	37.0	26.5	34.9	35.0	36.9	44.2	39.9	37.3	0.0	0.0	85	57	16.8	1.3	10.7
25	35.5	25.4	32.7	32.0	34.2	39.2	36.5	34.9	30.0	1.0	84	60	7.0	1.5	5.8
26	32.3	24.9	30.5	29.3	31.7	34.6	32.2	32.0	43.2	3.0	85	88	6.6	1.6	3.0
27-J	31.7	25.2	29.6	28.5	29.9	32.4	30.4	30.3	28.3	4.0	89	78	9.1	0.1	2.7
28	31.3	24.5	29.0	27.9	29.3	32.4	30.5	30.6	27.2	2.0	88	80	8.8	0.1	2.3
29	31.0	23.4	28.4	27.4	28.6	31.9	30.0	29.4	54.5	5.0	90	76	7.4	0.6	2.8
30	33.0	24.0	29.8	28.1	30.1	35.2	32.9	31.0	59.0	1.0	86	70	5.2	0.3	3.8
31	28.4	23.5	27.9	26.8	27.7	29.2	27.8	27.8	223.5	6.0	96	92	6.2	0.0	0.4
32-A	28.4	24.4	27.6	26.4	26.9	29.4	27.7	26.7	83.0	6.0	94	90	6.9	0.0	0.4
33	31.4	25.3	28.6	27.5	28.6	34.4	32.0	29.6	0.0	0.0	87	68	8.3	1.2	3.7
34	31.8	24.7	29.1	28.0	29.8	33.9	31.6	30.2	46.0	1.0	89	73	6.6	0.3	3.5
35	30.3	24.8	29.1	27.6	28.5	32.7	30.5	29.5	107.1	5.0	91	84	3.5	0.3	1.6
36-S	31.9	23.8	27.4	26.5	28.3	34.6	32.1	30.1	5.4	1.0	85	61	06.6	6.3	4.0
37	33.7	24.8	29.7	28.6	30.8	41.7	37.5	32.5	6.8	1.0	81	56	4.2	8.4	4.5
38	30.3	23.6	28.0	27.2	28.8	31.3	30.2	29.3	258.0	5.0	91	79	3.2	1.4	1.7
39	32.1	23.7	27.8	26.4	28.4	34.8	31.8	29.9	0.0	0.0	84	66	3.4	7.6	3.9
Total	550.4	418.5	504.7	488.4	516.1	600.4	555.7	529.4	972.0	41.0	1481.8	1221.6	119.8	36.3	65.1
Mean	32.4	24.6	29.7	28.7	30.4	35.3	32.7	31.1	57.2	2.4	87.2	71.9	7.0	2.1	3.8
SD	3.0	0.9	2.3	2.8	3.1	5.2	4.1	3.1	75.9	2.3	4.9	13.4	3.2	2.9	2.9
CV	9.3	3.7	7.8	9.6	10.1	14.7	12.5	10.0	132.8	93.9	5.6	18.7	45.6	133.6	75.8

(D) POST MONSOON SEASON 2016

40-O	31.0	24.1	27.6	26.8	28.1	32.8	29.8	28.8	141.4	3.0	76	79	2.6	2.7	1.9
41	32.2	23.0	27.3	26.4	28.1	34.9	31.4	29.5	11.6	1.0	89	63	2.3	6.1	3.1
42	34.1	20.8	25.5	24.9	27.3	35.2	31.4	28.6	0.0	0.0	80	38	2.2	8.5	4.5
43	33.0	19.2	25.1	24.6	27.4	37.2	33.3	29.3	0.0	0.0	80	39	2.2	9.2	3.7
44	34.7	16.9	25.2	24.9	28.1	38.1	34.7	29.7	0.0	0.0	71	25	1.9	8.4	4.2
45-N	33.9	15.2	24.5	24.3	27.7	37.2	33.4	28.8	0.0	0.0	73	24	1.8	8.1	4.0
46	33.2	15.0	24.6	24.4	27.5	36.6	33.4	29.5	0.0	0.0	70	33	2.6	8.6	4.0
47	33.9	14.2	24.1	24.0	27.3	36.4	32.9	28.3	0.0	0.0	72	27	1.6	8.4	3.4
48	33.6	13.9	23.8	23.7	26.9	36.1	32.1	27.9	0.0	0.0	76	29	2.1	8.7	3.6
Total	299.7	162.4	227.6	224.0	248.5	324.6	292.6	260.4	153.0	4.0	687.4	355.7	19.4	68.7	32.3
Mean	33.3	18.0	25.3	24.9	27.6	36.1	32.5	28.9	17.0	0.4	76.4	39.5	2.2	7.6	3.6
S.D.	1.1	3.9	1.3	1.0	0.4	1.6	1.5	0.6	46.8	1.0	6.0	18.9	0.3	2.0	0.8
C.V.%	3.4	21.5	5.2	4.2	1.5	4.4	4.5	2.1	275.3	228.1	7.9	47.7	15.9	26.5	21.1

TABLE-5:- FREQUENCY OF CLOUDY DAYS, RAINY DAYS AND AMOUNT OF RAINFALL AT JUNAGADH (1985-2016)

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
2015	11	27	21	7	66	9	7	2	5	23	210.4	282.4	16.4	214.3	723.5
2016	16	30	30	8	84	3	15	15	8	41	62.0	280.3	355.6	274.1	972
Mean	8.3	22.0	20.0	6.1	56.4	5.3	13.1	11.4	6.2	36.0	164.4	333.6	202.9	160.6	861.5
SD	5.0	6.0	6.2	4.3	16.4	3.2	6.0	5.3	3.7	11.6	141.9	228.4	168.1	140.4	360.1
CV	59.9	27.1	31.0	71.1	29.1	60.4	46.0	46.1	59.5	32.3	86.4	68.5	82.8	87.5	41.8

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
2015	6	11	20	37
2016	4	6	15	25
Total	111	358	316	785
Mean	3.47	11.19	9.88	24.53
SD	3.65	5.33	5.82	8.78
CV %	105	48	59	36

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
2014-15	9	18	2	29
2015-16	8	6	1	15
Total	189	305	90	584
Mean	6.1	9.8	2.9	18.8
SD	4.8	4.8	2.9	9.4
CV %	79	49	99	50

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
2014-15	11.4	6.5	21	10.2	6.4	27	13.6	7.4	12
2015-16	12.8	6.8	21	12.5	7.0	22	15.2	9.8	8

Table-9 Mean maximum and highest maximum temperature (°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
2015	35.3	42.0	27/28	38.7	44.0	21	40.8	44.6	17
2016	37.1	41.0	25	38.5	42.0	30	39.9	45.5	19

Table -10 DECADAL RAINFALL (mm) at Junagadh (1961-2010)

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

APPENDIX-1

DAILY WEATHER

DATA

JANUARY-2016

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	RF
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	35.6	13.7	24.7	21.9	71	32	52	16	02	02.9	8.8	04.9	0.0
2	34.8	12.3	23.6	22.5	75	39	57	18	34	03.0	9.2	05.5	0.0
3	33.3	12.0	22.7	21.3	74	17	46	11	34	02.8	6.4	04.9	0.0
4	32.6	12.4	22.5	20.2	80	23	52	34	29	02.4	8.5	04.4	0.0
5	33.0	18.2	25.6	14.8	68	31	50	34	34	03.9	8.6	05.1	0.0
6	32.6	14.3	23.5	18.3	74	40	57	20	34	04.0	8.5	05.7	0.0
7	32.4	14.0	23.2	18.4	79	31	55	27	34	03.3	8.4	04.6	0.0
8	31.7	17.0	24.4	14.7	81	31	56	20	34	05.7	8.0	06.2	0.0
9	30.7	10.6	20.7	20.1	73	24	49	20	34	05.8	8.0	07.3	0.0
10	29.8	9.7	19.8	20.1	75	24	50	02	34	03.3	8.9	05.4	0.0
11	30.7	11.1	20.9	19.6	71	31	51	20	34	02.6	8.6	04.0	0.0
12	30.0	11.8	20.9	18.2	80	35	58	16	34	01.9	8.4	04.0	0.0
13	29.6	13.0	21.3	16.6	87	42	65	11	29	02.6	8.0	03.4	0.0
14	29.2	13.2	21.2	16.0	82	45	64	16	14	02.4	7.9	04.7	0.0
15	27.0	12.0	19.5	15.0	72	38	55	23	05	02.9	08.0	04.0	0.0
16	28.0	11.2	19.6	16.8	76	39	58	05	34	05.6	08.4	06.2	0.0
17	28.7	11.8	20.3	16.9	72	36	54	16	20	05.2	08.0	06.1	0.0
18	28.5	12.3	20.4	16.2	71	26	49	14	29	04.0	07.6	05.2	0.0
19	28.2	14.0	21.1	14.2	74	35	55	14	05	03.2	08.6	04.8	0.0
20	28.0	11.5	19.8	16.5	70	27	49	29	05	04.9	08.8	05.9	0.0
21	28.8	9.4	19.1	19.4	68	30	49	34	16	04.9	08.6	06.4	0.0
22	28.5	7.0	17.8	21.5	66	29	48	25	02	02.3	08.8	04.5	0.0
23	30.3	8.5	19.4	21.8	58	36	47	29	14	01.9	08.8	03.0	0.0
24	31.0	9.5	20.3	21.5	66	31	49	25	14	02.5	09.0	04.0	0.0
25	31.0	8.2	19.6	22.8	74	30	52	34	29	02.2	08.9	07.0	0.0
26	29.6	12.5	21.1	17.1	81	39	60	20	34	02.7	09.2	05.0	0.0
27	28.8	13.1	21.0	15.7	91	56	74	16	05	03.1	08.5	04.1	0.0
28	29.6	14.0	21.8	15.6	94	52	73	20	34	04.2	08.9	05.3	0.0
29	30.8	14.0	22.4	16.8	96	37	67	16	20	03.0	08.3	04.5	0.0
30	33.3	18.3	25.8	15.0	82	43	63	02	34	04.3	08.4	05.3	0.0
31	31.0	18.0	24.5	13.0	82	49	66	14	11	05.1	09.3	04.0	0.0
Total	947	389	668	559	2363	1078	1721			108.6	262.3	155.4	0.0
Mean	30.6	12.5	21.5	18.0	76.2	34.8	55.5			3.5	8.5	5.0	0.0
S.D.	2.1	2.8	2.0	2.8	8.3	8.7	7.5			1.2	0.6	1.0	0.0
C.V.%	6.9	22.2	9.5	15.5	10.9	24.9	13.5			33.6	6.7	20.2	0.0
High.	35.6	18.3	25.8	22.8	96.0	56.0	73.5			5.8	9.3	7.3	0.0
Low.	27.0	7.0	17.8	13.0	58.0	17.0	45.5			1.9	6.4	3.0	0.0

JANUARY-2016

Date	D.B. (°C)		W.B. (°C)		V.P. (mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	17.5	34.2	14.6	22.4	10.7	13.1	22.5	24.0	26.5	37.5	30.5	25.5
2	15.5	32.5	13.2	22.5	09.9	14.4	22.0	23.6	26.6	37.0	30.0	28.8
3	15.0	32.0	12.6	17.4	09.5	06.0	21.0	23.0	25.0	36.5	29.7	27.0
4	14.5	32.5	12.8	19.2	10.0	08.5	21.5	23.0	26.0	37.0	29.5	27.0
5	22.4	32.2	18.6	20.5	13.6	11.1	24.0	24.5	25.5	37.0	30.0	27.5
6	17.5	32.0	15.0	22.2	11.2	14.1	23.5	24.5	26.5	37.0	30.5	27.6
7	16.2	31.0	14.2	19.8	10.9	10.5	22.5	24.5	27.0	37.0	30.0	27.6
8	19.2	30.2	17.2	19.2	13.5	10.0	24.5	25.0	27.0	36.5	30.5	28.0
9	14.0	29.5	11.5	17.4	08.8	07.5	21.0	23.5	26.5	36.5	29.5	27.0
10	12.8	30.0	10.5	17.6	08.4	07.6	20.5	22.5	25.6	36.5	29.2	26.5
11	14.0	29.4	11.4	18.6	08.5	09.5	21.0	22.5	25.5	36.5	29.0	26.5
12	15.0	29.2	13.2	19.2	10.3	10.6	21.0	23.0	25.5	37.0	28.5	26.5
13	15.5	28.8	14.4	20.2	11.8	12.6	22.0	23.0	26.0	37.0	29.0	26.5
14	17.8	26.6	16.0	19.0	12.6	11.8	22.5	23.5	25.9	36.8	29.0	26.2
15	15.2	27.6	12.5	18.6	09.4	10.6	22.0	23.2	26.0	36.8	29.6	26.5
16	14.0	28.5	11.8	19.5	09.1	11.6	21.0	22.8	25.5	37.0	28.0	26.5
17	14.8	28.2	12.2	18.6	09.1	10.3	21.0	22.5	25.2	36.5	28.5	26.0
18	15.7	28.0	13.0	16.6	09.5	07.3	21.5	22.5	25.2	36.5	28.5	26.0
19	16.5	27.5	14.0	18.0	10.5	09.7	21.0	22.4	25.0	36.6	28.5	26.0
20	14.4	28.2	11.6	17.0	08.5	07.4	21.0	22.5	25.0	37.0	29.0	26.0
21	12.4	28.2	9.6	17.5	07.3	08.7	20.0	22.5	25.0	36.5	28.5	25.7
22	10.8	29.8	8.0	18.6	06.4	09.3	18.0	20.5	24.5	36.5	28.5	25.5
23	15.0	30.0	11.0	20.0	07.4	11.5	18.0	20.5	24.0	36.5	29.5	25.5
24	13.0	30.0	10.0	19.0	07.4	09.8	18.0	19.0	24.0	34.5	29.0	25.5
25	12.4	29.5	10.2	18.6	08.0	09.4	18.5	21.0	24.5	36.5	28.8	25.5
26	16.0	28.5	14.2	19.5	11.1	11.6	21.0	22.5	24.5	36.5	29.0	25.8
27	15.6	28.6	14.8	22.4	12.1	16.4	21.5	22.5	25.0	36.5	29.0	26.0
28	16.5	30.5	16.0	23.4	13.3	17.2	22.5	23.5	26.0	36.0	30.0	26.5
29	16.5	33.2	16.2	22.6	13.5	14.1	22.0	23.5	26.0	36.0	30.5	27.0
30	21.6	30.5	19.6	21.8	15.9	14.2	24.0	24.8	26.5	36.0	31.0	26.5
31	21.0	29.5	19.0	22.0	15.3	15.6	22.0	24.0	26.0	35.5	30.5	27.5
Total	488	926	419	609	324	342	663	710	793	1133	911	822
Mean	15.8	29.9	13.5	19.6	10.4	11.0	21.4	22.9	25.6	36.6	29.4	26.5
S.D.	2.6	1.8	2.8	1.9	2.4	2.8	1.6	1.3	0.8	0.6	0.8	0.8
C.V.%	16.8	6.1	20.8	9.7	23.0	25.5	7.7	5.7	3.2	1.5	2.7	3.1
Highest	22.4	34.2	19.6	23.4	15.9	17.2	24.5	25.0	27.0	37.5	31.0	28.8
Lowest	10.8	26.6	8.0	16.6	6.4	6.0	18.0	19.0	24.0	34.5	28.0	25.5

FEBRUARY-2016

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	RF
	Max	Min	Mean	Range	I	II	Mean	I	II	(kmph)	(hrs)	(mm)	(mm)
1	31.4	14.5	23.0	16.9	90	48	69	18	29	04.5	08.6	07.4	0.0
2	30.5	13.7	22.1	16.8	85	33	59	20	34	02.3	07.2	05.0	0.0
3	31.0	12.4	21.7	18.6	63	29	46	05	29	05.0	08.5	08.9	0.0
4	31.5	11.5	21.5	20.0	74	17	46	16	34	04.2	09.4	03.5	0.0
5	31.7	10.1	20.9	21.6	83	19	51	20	34	03.6	08.9	06.0	0.0
6	30.8	16.8	23.8	14.0	84	67	76	34	25	03.7	09.3	05.2	0.0
7	28.8	12.4	20.6	16.4	86	17	52	20	34	04.7	09.3	05.2	0.0
8	30.0	9.8	19.9	20.2	77	38	58	34	02	04.4	09.0	06.5	0.0
9	32.7	10.6	21.7	22.1	69	28	49	11	34	02.5	09.4	04.2	0.0
10	32.0	10.3	21.2	21.7	73	43	58	25	26	03.6	09.3	06.5	0.0
11	30.8	17.5	24.2	13.3	83	23	53	05	23	04.0	09.1	06.0	0.0
12	30.4	13.0	21.7	17.4	70	31	51	09	32	04.7	09.4	04.9	0.0
13	29.2	17.2	23.2	12.0	66	25	46	23	34	04.8	08.2	05.8	0.0
14	29.0	13.5	21.3	15.5	55	20	38	23	14	04.9	06.6	05.0	0.0
15	29.5	16.7	23.1	12.8	77	19	48	34	05	06.4	08.1	07.2	0.0
16	30.3	18.0	24.2	12.3	81	35	58	34	34	08.7	08.5	08.0	0.0
17	32.5	16.0	24.3	16.5	77	49	63	14	29	04.0	05.5	04.0	0.0
18	34.5	18.0	26.3	16.5	87	50	69	11	34	03.5	03.7	04.6	0.0
19	33.8	20.3	27.1	13.5	91	56	74	09	20	05.4	07.3	05.8	0.0
20	32.3	20.7	26.5	11.6	68	37	53	02	34	06.1	03.2	06.0	0.0
21	30.8	17.5	24.2	13.3	56	33	45	05	34	07.4	03.3	06.8	0.0
22	32.0	14.5	23.3	17.5	71	27	49	16	02	04.5	06.6	06.5	0.0
23	32.7	15.8	24.3	16.9	50	35	43	34	02	06.6	04.2	06.7	0.0
24	35.5	14.5	25.0	21.0	52	26	39	02	34	05.6	09.3	08.6	0.0
25	35.0	19.2	27.1	15.8	51	28	40	34	32	03.8	08.4	07.9	0.0
26	35.5	15.6	25.6	19.9	74	14	44	20	34	02.5	06.3	07.9	0.0
27	36.0	15.0	25.5	21.0	55	19	37	27	36	03.8	04.2	08.6	0.0
28	37.7	17.2	27.5	20.5	60	19	40	18	05	04.0	05.6	09.5	0.0
29	39.0	18.0	28.5	21.0	81	13	47	16	32	02.5	04.6	07.6	0.0
Total	937	440	689	497	2089	898	1494			132	211	186	0.0
Mean	32.3	15.2	23.7	17.1	72.0	31.0	51.5			4.5	7.3	6.4	0.0
S.D.	2.6	3.1	2.3	3.3	12.5	13.4	10.6			1.5	2.1	1.6	0.0
C.V.%	8.1	20.1	9.7	19.3	17.3	43.3	20.6			32.5	29.1	24.4	0.0
High.	39.0	20.7	28.5	22.1	91.0	67.0	75.5			8.7	9.4	9.5	0.0
Low.	28.8	9.8	19.9	11.6	50.0	13.0	37.0			2.3	3.2	3.5	0.0

FEBRUARY-2016

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	17.2	30.0	16.2	22.2	13.2	15.3	24.0	25.0	27.5	36.5	31.5	27.5
2	16.5	30.6	15.2	19.8	12.1	10.7	23.0	24.0	27.0	36.5	31.5	28.0
3	22.4	31.2	13.6	19.6	09.4	10.0	23.0	24.0	27.0	37.5	31.0	27.7
4	14.2	31.2	11.8	17.0	09.0	05.9	21.5	23.5	26.5	37.5	31.0	27.5
5	12.0	30.4	10.6	16.8	08.7	06.1	20.5	23.0	26.5	36.5	30.0	27.0
6	19.0	28.6	17.4	24.0	13.9	19.6	22.5	24.0	26.5	37.5	30.5	27.0
7	14.8	29.6	13.5	16.0	10.9	05.4	21.5	23.0	26.0	36.5	29.5	27.0
8	13.0	32.2	11.0	22.0	08.7	13.5	20.5	23.0	26.0	38.5	30.5	27.0
9	13.5	31.5	10.8	19.5	08.1	09.8	20.0	22.5	26.0	37.5	30.5	27.0
10	13.0	30.4	10.6	21.6	08.2	14.0	20.0	23.0	26.0	37.5	30.2	27.0
11	20.2	30.2	18.4	17.5	14.8	07.4	23.6	24.4	26.0	38.0	31.5	27.6
12	18.6	28.8	15.4	18.2	11.2	09.2	22.2	23.6	26.6	37.5	31.0	27.5
13	22.0	29.0	18.0	17.2	13.0	07.6	24.5	24.4	26.6	37.0	31.2	27.5
14	21.0	29.5	15.8	16.5	10.3	06.3	22.5	23.5	26.5	37.0	31.5	27.5
15	19.2	30.0	16.8	16.6	12.9	06.0	22.5	24.0	26.5	37.0	30.5	27.0
16	20.0	32.4	18.0	21.5	14.3	12.7	24.0	24.5	26.5	37.5	31.0	27.5
17	18.5	34.2	16.2	25.8	12.4	19.7	24.0	25.0	27.5	40.0	32.0	28.0
18	20.6	33.5	19.2	25.6	15.9	19.7	25.8	26.2	28.0	41.0	33.0	29.0
19	23.0	32.0	22.0	25.2	19.2	19.8	26.8	27.0	28.5	41.0	33.0	29.5
20	22.8	30.6	19.0	20.5	14.6	12.1	27.0	27.5	28.5	37.0	31.5	29.0
21	23.0	31.5	17.5	20.6	11.8	11.5	24.5	25.2	27.5	39.5	32.0	28.5
22	17.5	32.5	14.6	20.0	10.7	09.8	24.0	25.0	27.5	39.0	32.0	29.0
23	22.0	35.0	16.0	23.5	10.0	14.8	20.0	21.0	25.5	38.0	33.0	27.0
24	23.5	35.0	17.5	21.5	11.5	11.2	21.0	22.5	26.5	38.0	33.0	28.0
25	22.5	35.4	16.5	22.2	10.5	12.0	23.0	23.5	27.0	39.5	33.5	28.5
26	19.5	35.8	16.8	19.0	12.6	06.2	23.5	24.2	27.7	40.0	35.0	28.0
27	21.2	37.4	16.0	21.4	10.5	09.3	24.0	24.5	28.2	41.0	35.5	29.8
28	22.4	38.2	17.5	21.8	12.1	09.5	24.8	25.5	28.8	41.5	36.5	30.0
29	20.2	38.4	18.2	20.2	14.4	06.6	25.5	26.0	29.5	41.0	35.5	30.5
Total	553	935	460	593	345	322	670	703	784	1113	928	812
Mean	19.1	32.2	15.9	20.5	11.9	11.1	23.1	24.2	27.0	38.4	32.0	28.0
S.D.	3.5	2.8	2.8	2.8	2.6	4.5	2.0	1.4	1.0	1.6	1.8	1.0
C.V.%	18.3	8.8	17.9	13.7	21.4	40.5	8.5	5.8	3.6	4.2	5.5	3.6
Highest	23.5	38.4	22.0	25.8	19.2	19.8	27.0	27.5	29.5	41.5	36.5	30.5
Lowest	12.0	28.6	10.6	16.0	8.1	5.4	20.0	21.0	25.5	36.5	29.5	27.0

MARCH-2016

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	RF
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	38.8	18.0	28.4	20.8	75	27	51	14	29	02.4	03.2	07.0	0.0
2	38.9	19.1	29.0	19.8	73	28	51	16	25	03.0	08.8	07.9	0.0
3	37.7	20.7	29.2	17.0	88	22	55	16	25	04.9	09.0	07.6	0.0
4	36.6	20.8	28.7	15.8	83	37	60	16	32	03.9	07.0	06.0	0.0
5	38.0	20.0	29.0	18.0	65	31	48	32	29	05.3	09.5	08.0	0.0
6	35.4	19.6	27.5	15.8	88	33	61	32	34	06.9	09.3	10.2	0.0
7	33.5	18.6	26.1	14.9	77	40	59	02	34	04.9	09.5	09.5	0.0
8	34.8	17.5	26.2	17.3	66	19	43	07	29	04.5	08.7	06.5	0.0
9	35.5	21.6	28.6	13.9	76	40	58	02	34	04.1	09.9	08.2	0.0
10	34.5	21.5	28.0	13.0	74	43	59	02	34	06.1	09.3	08.0	0.0
11	37.4	19.5	28.5	17.9	76	37	57	18	25	05.6	09.9	08.2	0.0
12	37.0	20.0	28.5	17.0	81	39	60	29	34	06.7	09.8	08.0	0.0
13	33.7	19.0	26.4	14.7	83	55	69	23	23	05.6	09.5	07.5	0.0
14	31.5	17.2	24.4	14.3	82	38	60	34	34	06.4	09.6	07.5	0.0
15	33.0	19.5	26.3	13.5	80	33	57	34	02	05.0	10.0	06.0	0.0
16	34.8	20.5	27.7	14.3	74	28	51	02	32	06.2	09.8	08.1	0.0
17	36.8	22.5	29.7	14.3	79	37	58	02	29	06.4	09.9	09.0	0.0
18	37.5	22.6	30.1	14.9	87	28	58	34	29	04.9	08.8	07.8	0.0
19	38.5	21.5	30.0	17.0	93	33	63	16	29	04.9	08.4	09.0	0.0
20	37.5	21.7	29.6	15.8	75	31	53	32	34	05.6	07.9	10.0	0.0
21	38.0	20.2	29.1	17.8	62	21	42	34	34	04.2	08.2	09.8	0.0
22	38.8	18.8	28.8	20.0	53	25	39	34	02	05.8	09.0	09.7	0.0
23	39.8	23.5	31.7	16.3	69	19	44	36	32	06.3	09.2	09.8	0.0
24	40.2	20.7	30.5	19.5	50	25	38	29	32	06.0	09.4	12.0	0.0
25	41.0	25.5	33.3	15.5	60	37	49	36	32	06.3	10.0	10.0	0.0
26	38.5	23.0	30.8	15.5	77	23	50	14	34	07.5	09.1	10.0	0.0
27	37.5	25.0	31.3	12.5	66	21	44	05	34	05.9	09.6	10.0	0.0
28	39.0	23.0	31.0	16.0	72	15	44	25	29	07.6	09.2	09.8	0.0
29	39.2	20.2	29.7	19.0	49	11	30	18	25	05.5	08.6	10.5	0.0
30	39.4	17.5	28.5	21.9	64	30	47	16	25	05.4	08.3	08.9	0.0
31	38.3	14.7	26.5	23.6	73	28	51	09	25	04.6	09.2	09.2	0.0
Total	1151	634	892	518	2270	934	1602			168	278	270	0.0
Mean	37.1	20.4	28.8	16.7	73.2	30.1	51.7			5.4	9.0	8.7	0.0
S.D.	2.3	2.3	1.9	2.7	10.9	9.2	8.6			1.2	1.3	1.4	0.0
C.V.%	6.2	11.4	6.6	16.0	14.9	30.5	16.7			21.7	14.2	16.1	0.0
High.	41.0	25.5	33.3	23.6	93.0	55.0	69.0			7.6	10.0	12.0	0.0
Low.	31.5	14.7	24.4	12.5	49.0	11.0	30.0			2.4	3.2	6.0	0.0

MARCH-2016

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	21.0	38.6	18.2	24.2	14.0	13.8	25.5	26.0	29.5	41.0	36.0	30.5
2	22.8	36.8	19.5	23.2	15.2	13.0	26.0	27.0	29.5	41.0	35.0	31.5
3	23.5	36.5	22.2	21.6	19.2	10.2	27.5	28.5	30.0	40.0	34.0	31.0
4	23.0	37.8	21.0	26.0	17.4	18.0	27.0	28.0	30.0	42.0	35.5	31.5
5	25.0	34.8	20.6	22.6	15.5	13.1	27.2	27.5	30.4	41.4	34.5	31.2
6	22.5	33.0	21.2	21.6	18.0	12.4	27.4	27.4	30.2	41.2	34.7	32.0
7	25.0	34.2	22.2	24.0	18.3	16.1	28.2	27.2	30.0	41.0	34.5	31.0
8	25.5	35.2	21.2	20.0	16.3	08.3	27.5	28.5	31.0	42.5	36.0	31.5
9	25.0	34.2	22.0	24.0	18.0	16.1	27.0	28.0	31.0	42.5	36.0	32.0
10	25.0	36.6	21.8	26.6	17.7	19.9	28.0	28.5	31.0	43.0	36.0	32.0
11	22.5	37.0	19.8	25.6	15.6	17.7	27.5	28.0	31.5	44.0	37.0	32.5
12	24.0	33.3	21.8	23.2	18.2	15.1	28.5	29.0	31.5	41.5	35.0	32.5
13	24.0	31.2	22.0	24.4	18.7	18.8	27.5	28.0	31.0	40.0	34.0	31.5
14	22.2	32.5	20.2	22.4	16.6	14.1	26.0	27.0	30.5	42.5	35.0	31.5
15	23.8	34.4	21.4	22.6	17.7	13.4	27.5	28.0	31.0	43.0	36.0	31.5
16	24.2	36.6	21.0	23.0	16.7	12.7	27.5	28.0	31.0	43.5	36.0	32.0
17	25.2	37.2	22.6	25.5	19.0	17.4	28.0	29.0	31.5	45.0	37.0	32.5
18	25.5	38.0	24.0	24.2	21.5	14.2	30.0	31.0	32.0	44.5	37.0	33.0
19	24.0	37.0	23.2	24.5	20.8	15.6	29.5	29.8	32.5	44.0	37.0	33.0
20	26.4	37.5	23.2	24.5	19.3	15.2	29.5	30.0	32.5	43.5	36.5	33.0
21	26.0	38.5	21.0	22.5	15.6	10.7	28.0	29.0	32.5	45.0	37.0	33.0
22	27.0	39.5	20.5	24.5	14.3	13.8	28.5	29.0	32.5	46.0	37.5	33.5
23	28.2	39.5	24.0	22.6	19.8	10.2	29.0	30.0	32.5	47.0	37.5	33.5
24	27.0	40.5	20.0	25.0	13.3	14.2	28.6	29.6	33.0	47.0	37.7	34.0
25	27.4	37.5	22.0	26.0	16.5	18.1	31.0	31.5	33.5	45.2	37.5	34.0
26	27.5	37.0	24.5	22.0	21.3	10.7	32.0	32.5	33.5	44.0	36.0	33.5
27	28.2	38.8	23.5	22.5	19.0	10.7	32.0	32.5	33.0	45.0	35.0	33.5
28	27.7	38.5	24.0	20.8	20.1	07.6	30.0	31.0	33.5	47.5	38.5	34.5
29	27.8	39.0	20.2	20.0	13.8	06.0	28.5	30.0	33.5	47.0	37.5	34.0
30	22.2	37.5	18.0	24.4	13.0	14.8	28.5	29.5	33.0	18.0	38.5	33.8
31	23.0	38.0	19.8	24.0	15.4	13.8	26.5	27.5	32.5	48.5	37.5	33.5
Total	772	1137	667	728	536	426	875	897	981	1327	1123	1008
Mean	24.9	36.7	21.5	23.5	17.3	13.7	28.2	28.9	31.6	42.8	36.2	32.5
S.D.	2.0	2.3	1.7	1.7	2.3	3.3	1.6	1.6	1.3	5.1	1.3	1.1
C.V.%	8.1	6.2	7.7	7.2	13.6	24.3	5.6	5.5	4.0	12.0	3.5	3.4
Highest	28.2	40.5	24.5	26.6	21.5	19.9	32.0	32.5	33.5	48.5	38.5	34.5
Lowest	21.0	31.2	18.0	20.0	13.0	6.0	25.5	26.0	29.5	18.0	34.0	30.5

APRIL-2016

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	RF
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	38.2	21.8	30.0	16.4	82	19	51	05	25	05.0	08.7	07.3	0.0
2	39.0	21.9	30.5	17.1	84	25	55	34	27	05.6	08.8	07.0	0.0
3	39.4	21.5	30.5	17.9	62	24	43	07	27	05.5	07.9	09.0	0.0
4	38.0	21.0	29.5	17.0	66	25	46	32	32	07.4	05.8	09.3	0.0
5	38.0	19.6	28.8	18.4	76	22	49	32	23	05.7	09.2	09.1	0.0
6	38.0	21.8	29.9	16.2	84	27	56	29	32	06.2	09.6	09.6	0.0
7	36.2	23.0	29.6	13.2	84	25	55	34	29	05.1	03.6	08.6	0.0
8	36.5	21.2	28.9	15.3	59	20	40	23	32	06.4	08.2	08.8	0.0
9	37.4	22.5	30.0	14.9	84	19	52	25	23	06.6	08.9	09.8	0.0
10	37.0	24.0	30.5	13.0	81	19	50	23	32	05.6	08.5	08.0	0.0
11	38.6	21.0	29.8	17.6	66	19	43	34	32	06.8	07.1	12.0	0.0
12	38.8	22.5	30.7	16.3	66	19	43	32	27	07.2	06.5	09.1	0.0
13	38.8	22.0	30.4	16.8	68	22	45	32	27	06.7	11.1	10.0	0.0
14	39.6	23.4	31.5	16.2	74	23	49	02	34	07.4	09.9	09.6	0.0
15	38.8	21.5	30.2	17.3	84	20	52	32	32	06.7	11.1	13.0	0.0
16	40.0	23.4	31.7	16.6	74	17	46	02	27	07.6	10.7	12.0	0.0
17	38.4	22.6	30.5	15.8	77	27	52	32	32	06.5	10.8	10.6	0.0
18	38.4	23.4	30.9	15.0	74	28	51	29	25	06.6	11.0	09.7	0.0
19	38.3	23.0	30.7	15.3	83	24	54	32	27	05.7	11.2	09.9	0.0
20	40.0	22.0	31.0	18.0	79	23	51	34	32	06.4	10.8	10.4	0.0
21	40.0	22.0	31.0	18.0	76	27	52	32	27	06.5	11.1	09.4	0.0
22	38.5	22.5	30.5	16.0	73	42	58	23	29	07.5	11.5	11.0	0.0
23	37.5	23.0	30.3	14.5	78	32	55	27	27	09.3	11.0	10.6	0.0
24	36.6	23.0	29.8	13.6	80	38	59	29	27	08.9	10.7	13.8	0.0
25	37.5	22.6	30.1	14.9	84	35	60	32	27	07.2	09.8	08.4	0.0
26	36.5	24.0	30.3	12.5	75	30	53	27	05	04.8	04.2	07.0	0.0
27	37.0	20.0	28.5	17.0	64	25	45	23	23	03.6	02.5	06.6	0.0
28	41.2	22.0	31.6	19.2	54	22	38	32	27	05.8	10.1	12.1	0.0
29	41.0	23.0	32.0	18.0	86	22	54	32	16	05.3	09.1	08.9	0.0
30	42.0	23.5	32.8	18.5	83	23	53	23	29	5.6	11.2	09.8	0.0
Total	1155	669	912	487	2260	743	1502			191	271	290	0.0
Mean	38.5	22.3	30.4	16.2	75.3	24.8	50.1			6.4	9.0	9.7	0.0
S.D.	1.4	1.1	0.9	1.7	8.6	5.9	5.6			1.2	2.4	1.7	0.0
C.V.%	3.8	4.8	3.1	10.7	11.5	23.7	11.1			18.5	26.8	17.9	0.0
High.	42.0	24.0	32.8	19.2	86.0	42.0	59.5			9.3	11.5	13.8	0.0
Low.	36.2	19.6	28.5	12.5	54.0	17.0	38.0			3.6	2.5	6.6	0.0

APRIL-2016

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	25.8	39.0	23.5	22.2	20.4	09.8	30.5	31.0	33.0	48.0	38.0	34.0
2	25.5	39.2	23.6	24.0	20.6	13.0	31.0	31.5	33.5	48.0	39.0	0.0
3	26.5	37.6	21.6	22.8	16.3	11.9	30.5	31.0	33.5	45.5	37.9	0.0
4	26.0	37.0	21.0	22.5	16.7	11.8	30.2	30.5	33.5	46.0	37.8	0.0
5	25.0	38.0	22.0	22.4	18.0	10.7	29.8	30.2	33.4	47.5	38.5	0.0
6	26.0	35.5	24.0	22.2	21.2	11.8	30.5	31.0	34.5	44.0	36.5	0.0
7	25.5	36.8	23.5	22.6	20.6	11.8	31.0	31.5	33.5	47.0	38.8	0.0
8	27.2	36.8	21.6	21.6	15.9	09.3	30.0	29.5	33.0	47.0	38.5	0.0
9	25.0	37.0	23.0	21.0	19.8	08.9	30.0	29.5	33.0	47.4	38.5	34.2
10	27.0	38.6	24.5	22.0	21.7	09.7	32.0	30.0	34.5	47.2	38.5	34.5
11	27.6	38.0	23.0	21.6	18.2	09.3	32.0	31.5	34.0	47.5	39.0	34.6
12	28.0	38.0	23.4	21.6	18.8	09.3	31.6	31.6	34.5	47.5	39.0	35.0
13	28.0	39.6	23.6	23.5	19.1	12.0	32.0	31.5	34.5	48.5	39.6	35.2
14	27.0	38.4	23.6	23.0	15.7	11.6	31.5	31.6	34.6	48.6	40.0	35.5
15	25.6	40.0	23.5	23.2	20.6	11.0	30.5	30.7	34.5	49.0	40.5	35.5
16	27.0	38.0	23.6	21.2	15.7	08.6	31.4	31.6	34.6	47.5	39.5	35.5
17	27.4	38.0	24.0	23.8	20.6	13.4	32.0	31.8	34.5	47.0	39.0	35.4
18	28.0	38.0	24.6	24.0	21.1	13.8	32.5	32.4	34.6	48.5	40.5	35.8
19	27.8	38.8	25.5	23.5	23.2	12.6	33.0	32.5	34.6	49.0	40.5	36.0
20	25.8	40.0	23.2	24.0	19.7	12.6	31.5	31.7	34.6	49.5	40.5	36.0
21	25.5	38.4	22.6	24.2	17.7	20.2	31.5	31.7	34.5	48.0	40.0	35.6
22	27.5	35.8	24.0	25.5	13.9	19.5	32.0	31.5	34.5	46.7	39.0	35.5
23	27.0	36.0	24.4	25.0	21.3	17.0	31.8	32.4	34.6	42.2	40.5	36.2
24	27.4	37.4	24.5	24.6	21.5	15.3	32.0	32.0	35.2	45.6	40.5	36.0
25	27.0	34.2	25.0	23.0	22.5	14.2	32.5	32.5	34.6	43.5	38.5	35.5
26	27.2	37.0	24.0	23.8	20.4	14.0	32.5	32.0	34.5	42.0	36.8	35.0
27	29.0	41.0	24.0	25.2	19.3	14.3	31.0	31.5	34.6	48.0	40.0	35.5
28	28.8	40.2	22.2	24.0	16.1	12.5	31.5	31.0	31.6	48.5	40.4	35.6
29	27.4	42.0	25.6	25.0	23.5	13.3	32.5	32.4	34.6	50.5	41.4	36.4
30	27.7	40.0	25.6	24.0	23.2	12.6	34.0	33.0	34.6	50.0	41.2	36.5
Total	806	1144	708	697	583	376	945	943	1024	1415	1178	815
Mean	26.9	38.1	23.6	23.2	19.4	12.5	31.5	31.4	34.1	47.2	39.3	27.2
S.D.	1.1	1.7	1.2	1.2	2.5	2.8	1.0	0.9	0.8	2.1	1.2	15.3
C.V.%	4.0	4.4	4.9	5.3	13.1	22.5	3.1	2.8	2.2	4.4	3.1	56.2
Highest	29.0	42.0	25.6	25.5	23.5	20.2	34.0	33.0	35.2	50.5	41.4	36.5
Lowest	25.0	34.2	21.0	21.0	13.9	8.6	29.8	29.5	31.6	42.0	36.5	0.0

MAY-2016

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	RF
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	40.8	24.6	32.7	16.2	78	28	53	32	27	6.6	11.1	09.5	0.0
2	40.5	25.0	32.8	15.5	84	35	60	25	25	7.0	10.1	11.4	0.0
3	39.0	24.7	31.9	14.3	85	41	63	32	23	7.2	7.3	08.5	0.0
4	38.4	25.4	31.9	13.0	86	37	62	32	23	8.0	10.5	10.2	0.0
5	39.0	24.6	31.8	14.4	83	38	61	27	29	9.7	10.2	10.4	0.0
6	38.0	24.4	31.2	13.6	73	27	50	02	27	8.2	10.3	09.9	0.0
7	39.0	24.0	31.5	15.0	87	37	62	32	29	06.9	08.2	08.0	0.0
8	41.0	24.6	32.8	16.4	86	32	59	29	29	07.3	09.4	09.8	0.0
9	41.0	25.0	33.0	16.0	88	37	63	27	25	07.3	10.1	09.6	0.0
10	38.8	24.0	31.4	14.8	85	38	62	16	25	07.5	10.7	08.5	0.0
11	40.0	26.0	33.0	14.0	85	40	63	27	27	08.0	10.6	09.9	0.0
12	41.3	25.5	33.4	15.8	88	43	66	29	27	05.8	10.6	09.8	0.0
13	41.0	25.0	33.0	16.0	81	34	58	00	27	09.6	11.1	09.5	0.0
14	42.2	25.6	33.9	16.6	81	30	56	23	27	08.6	11.2	10.4	0.0
15	42.0	25.5	33.8	16.5	82	29	56	27	32	07.6	11.3	10.9	0.0
16	43.0	25.7	34.4	17.3	81	33	57	29	27	08.3	11.2	11.6	0.0
17	42.5	25.5	34.0	17.0	79	29	54	32	27	06.6	09.6	11.4	0.0
18	43.1	25.3	34.2	17.8	61	32	47	05	25	07.7	08.3	11.6	0.0
19	45.5	25.8	35.7	19.7	83	38	61	27	27	07.5	07.3	10.9	0.0
20	43.0	26.9	35.0	16.1	83	36	60	27	27	09.7	06.1	11.0	0.0
21	40.6	26.6	33.6	14.0	77	48	63	23	23	14.4	05.4	12.8	0.0
22	37.0	26.3	31.7	10.7	74	43	59	23	23	15.7	04.0	10.0	0.0
23	38.0	27.0	32.5	11.0	77	49	63	25	27	17.2	03.8	11.5	0.0
24	38.0	26.4	32.2	11.6	75	50	63	23	27	15.2	03.6	09.1	0.0
25	37.5	26.3	31.9	11.2	73	41	57	23	27	13.4	03.2	09.0	0.0
26	38.8	27.0	32.9	11.8	76	49	63	23	25	13.7	03.5	09.8	0.0
27	36.6	27.0	31.8	9.6	80	44	62	25	25	13.9	03.3	08.5	0.0
28	37.6	26.5	32.1	11.1	75	42	59	23	20	13.9	03.0	08.8	0.0
29	38.0	27.0	32.5	11.0	79	39	59	23	20	14.1	03.2	09.8	0.0
30	39.5	26.0	32.8	13.5	70	48	59	23	27	13.9	03.8	09.6	0.0
31	37.4	26.2	31.8	11.2	74	43	59	25	29	13.4	04.4	11.0	0.0
Total	739	795	1017	443	2469	1190	1830			314	236	313	0.0
Mean	39.9	25.7	32.8	14.3	79.6	38.4	59.0			10.1	7.6	10.1	0.0
S.D.	2.2	0.9	1.1	2.5	6.0	6.6	4.1			3.4	3.2	1.1	0.0
C.V.%	5.5	3.6	3.3	17.7	7.6	17.2	7.0			33.8	41.8	11.1	0.0
High.	45.5	27.0	35.7	19.7	88.0	50.0	65.5			17.2	11.3	12.8	0.0
Low.	36.6	24.0	31.2	9.6	61.0	27.0	46.5			5.8	3.0	8.0	0.0

MAY-2016

Date	D.B. (°C)		W.B. (°C)		V.P. (mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	29.0	40.0	26.0	25.5	23.3	15.8	34.8	33.0	36.0	44.5	41.6	36.9
2	28.5	38.5	26.4	26.2	25.6	17.9	35.0	33.6	36.4	43.0	40.3	36.8
3	28.0	38.0	26.0	27.2	24.1	20.4	34.8	33.5	34.6	48.8	41.0	36.6
4	28.4	38.6	26.5	26.8	25.1	18.5	35.0	34.0	34.6	43.5	41.0	36.8
5	28.0	37.8	26.0	26.4	21.3	18.8	34.6	33.8	36.4	43.8	41.5	37.0
6	28.0	39.5	25.5	24.8	20.8	14.3	34.8	33.6	38.0	44.6	41.8	36.9
7	27.6	40.0	26.0	27.8	24.2	20.4	34.0	33.4	37.2	44.5	42.0	37.0
8	28.0	39.4	26.2	26.2	24.3	17.3	33.8	33.6	36.6	44.2	41.6	37.2
9	28.5	38.2	27.0	26.4	25.8	18.5	34.4	34.8	36.6	44.5	42.2	37.6
10	28.5	41.0	26.5	28.0	24.8	20.9	34.5	34.8	35.7	45.0	42.5	37.7
11	29.0	40.0	27.0	28.6	25.2	22.3	35.0	35.2	37.5	45.0	42.6	38.0
12	28.6	41.0	27.0	30.0	25.8	25.1	34.4	34.6	37.8	46.8	42.4	38.0
13	29.6	41.2	27.0	28.0	25.2	20.2	34.6	34.4	37.5	47.7	42.5	38.0
14	29.5	41.4	27.0	27.0	25.2	17.9	34.8	34.5	37.0	47.6	42.5	38.0
15	29.0	41.5	26.6	27.0	24.6	17.8	35.0	35.2	37.6	48.0	43.0	38.5
16	29.4	42.0	26.8	28.2	24.8	20.2	34.6	35.0	37.6	48.2	42.5	38.4
17	29.4	43.0	26.6	27.8	24.3	18.7	34.5	35.0	37.6	49.0	43.0	38.5
18	31.4	44.0	25.5	29.6	21.1	22.1	35.0	34.8	37.5	49.8	43.0	38.6
19	30.0	42.0	27.6	29.6	26.3	23.5	34.6	35.0	37.5	49.4	43.0	38.7
20	31.0	40.5	28.6	28.0	27.9	20.6	35.0	36.0	37.6	48.0	42.5	38.7
21	31.2	36.5	28.0	27.6	26.4	22.1	34.6	35.5	37.6	46.6	41.4	38.4
22	30.2	37.2	26.6	27.0	23.9	20.4	34.5	34.7	37.2	46.6	41.5	38.2
23	30.8	36.4	27.6	27.6	25.7	22.3	35.0	35.0	37.0	45.0	40.2	37.6
24	31.5	37.0	28.0	28.4	26.1	23.8	34.5	34.6	36.6	45.5	40.4	37.6
25	31.4	38.4	27.5	27.5	26.0	21.1	34.6	34.5	37.0	46.6	40.5	37.6
26	31.0	36.4	27.6	27.6	25.7	22.3	35.0	35.0	37.2	44.5	40.0	37.5
27	30.8	37.6	28.0	27.6	26.6	21.5	34.5	34.4	36.7	46.4	40.5	37.6
28	31.0	37.4	27.4	27.0	25.2	20.3	34.4	34.6	37.2	45.0	40.0	37.5
29	31.2	38.6	28.2	27.2	26.9	20.1	34.5	35.5	37.4	47.0	40.5	38.0
30	31.4	37.0	27.0	28.0	24.1	22.8	34.6	35.0	37.0	46.0	40.5	37.6
31	31.4	37.6	27.6	27.4	25.4	21.1	34.5	34.6	37.0	47.0	40.8	37.6
Total	921	1218	835	852	772	629	1074	1071	1145	1432	1289	1169
Mean	29.7	39.3	26.9	27.5	24.9	20.3	34.6	34.6	36.9	46.2	41.6	37.7
S.D.	1.3	2.1	0.8	1.1	1.6	2.4	0.3	0.7	0.8	1.8	1.0	0.6
C.V.%	4.4	5.3	3.0	4.1	6.4	11.7	0.8	2.0	2.2	4.0	2.4	1.6
Highest	31.5	44.0	28.6	30.0	27.9	25.1	35.0	36.0	38.0	49.8	43.0	38.7
Lowest	27.6	36.4	25.5	24.8	20.8	14.3	33.8	33.0	34.6	43.0	40.0	36.6

JUNE-2016

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	RF
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	37.8	26.5	32.2	11.3	72	40	56	23	23	11.2	05.7	09.8	0.0
2	38.0	25.7	31.9	12.3	73	44	59	27	23	09.5	06.5	10.8	0.0
3	38.8	26.0	32.4	12.8	74	37	56	23	29	08.7	07.4	09.8	0.0
4	40.5	26.2	33.4	14.3	76	28	52	34	23	07.9	06.5	10.8	0.0
5	42.4	25.5	34.0	16.9	81	40	61	32	27	07.6	06.4	11.8	0.0
6	43.9	24.2	34.1	19.7	76	38	57	05	29	06.9	06.6	10.0	0.0
7	41.7	26.5	34.1	15.2	73	45	59	32	25	08.6	06.9	11.2	0.0
8	39.0	26.0	32.5	13.0	70	48	59	23	27	09.2	06.9	10.1	0.0
9	38.4	27.0	32.7	11.4	76	57	67	23	25	12.4	03.6	10.0	0.0
10	37.5	27.2	32.4	10.3	77	52	65	27	25	15.8	01.0	09.8	0.0
11	37.0	26.0	31.5	11.0	72	55	64	23	25	12.9	01.0	11.0	0.0
12	37.0	26.6	31.8	10.4	74	59	67	25	23	16.6	01.0	10.2	0.0
13	37.4	26.7	32.1	10.7	76	58	67	23	25	18.0	04.0	10.6	0.0
14	37.0	26.8	31.9	10.2	72	55	64	25	25	18.1	01.1	11.0	0.0
15	36.5	27.0	31.8	9.5	80	62	71	23	25	19.0	01.8	11.0	0.0
16	37.0	26.6	31.8	10.4	77	57	67	23	23	18.6	00.1	10.6	0.0
17	36.9	25.7	31.3	11.2	81	52	67	23	27	14.6	00.1	10.2	0.0
18	37.0	26.2	31.6	10.8	76	46	61	29	27	12.1	00.3	09.6	0.0
19	37.6	26.0	31.8	11.6	78	49	64	32	32	11.0	00.0	10.0	0.0
20	37.5	26.0	31.8	11.5	92	55	74	32	25	10.0	00.3	09.6	1.6
21	34.4	25.7	30.1	8.7	84	85	85	0	0	05.0	00.0	03.9	1.2
22	33.0	23.4	28.2	9.6	86	70	78	29	29	03.0	00.0	00.2	26.2
23	32.6	25.6	29.1	7.0	85	58	72	23	21	04.2	04.1	02.6	0.4
24	36.1	25.0	30.6	11.1	85	54	70	14	21	03.8	05.7	04.9	0.6
25	36.2	25.4	30.8	10.8	81	86	84	32	21	07.6	00.6	06.0	0.0
26	32.5	24.5	28.5	8.0	90	70	80	18	16	07.9	02.3	01.4	1.3
27	32.4	24.5	28.5	7.9	81	87	84	16	23	09.1	01.4	02.6	1.4
28	31.5	23.9	27.7	7.6	85	95	90	16	32	06.7	00.9	02.5	9.2
29	31.1	26.4	28.8	4.7	89	87	88	18	25	03.5	00.3	03.0	19.7
30	30.3	24.5	27.4	5.8	83	100	92	14	14	04.9	03.8	02.4	0.4
Total	1099	773	936	326	2375	1769	2072			304	86	237	62.0
Mean	36.6	25.8	31.2	10.9	79.2	59.0	69.1			10.1	2.9	7.9	2.1
S.D.	3.3	1.0	1.9	3.1	5.9	18.4	11.1			4.8	2.7	3.7	6.0
C.V.%	9.0	3.8	6.0	28.2	7.4	31.2	16.1			47.2	94.0	47.0	289.7
High.	43.9	27.2	34.1	19.7	92.0	100.0	91.5			19.0	7.4	11.8	26.2
Low.	30.3	23.4	27.4	4.7	70.0	28.0	52.0			3.0	0.0	0.2	0.0

JUNE-2016

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	31.0	38.0	27.0	27.0	24.3	19.9	34.7	34.8	37.1	47.5	41.0	37.7
2	30.5	37.6	26.8	27.6	24.1	21.5	34.6	34.4	37.0	48.0	41.8	37.7
3	30.5	40.0	27.0	27.8	24.5	20.4	34.6	35.0	37.1	49.0	42.5	38.0
4	30.2	42.2	26.8	27.0	24.3	17.3	34.6	35.2	37.6	50.0	43.2	38.6
5	29.6	40.0	27.0	28.5	25.2	22.3	34.6	35.0	37.5	50.5	44.0	38.8
6	29.8	40.4	26.5	28.4	24.1	21.6	34.7	34.9	37.6	49.0	43.0	38.5
7	30.5	39.0	26.8	28.8	24.1	23.3	34.5	35.5	37.5	49.4	43.0	38.6
8	31.4	38.4	27.0	29.0	24.1	24.2	34.6	35.4	37.5	48.5	42.2	38.6
9	31.4	36.6	28.0	29.5	26.3	26.7	35.0	36.5	37.6	46.4	41.5	38.5
10	31.4	35.7	28.2	27.8	26.7	23.1	34.6	35.0	37.5	44.8	40.0	37.5
11	31.0	36.0	27.0	28.6	24.3	24.8	34.6	35.4	37.5	46.5	41.0	38.5
12	31.5	35.6	27.8	29.0	25.7	26.0	35.0	35.5	37.2	45.0	41.2	38.0
13	31.0	35.8	27.6	28.8	25.7	25.4	35.0	35.4	37.0	44.5	40.5	37.8
14	31.5	35.3	27.4	28.0	24.9	23.8	35.2	35.6	37.4	43.0	39.0	37.0
15	30.6	36.0	27.7	29.8	26.3	27.7	35.6	34.8	37.0	43.5	39.0	36.8
16	31.0	36.0	27.8	28.8	26.1	25.2	34.6	34.8	36.0	44.0	39.4	36.6
17	30.0	36.2	27.4	28.0	25.8	23.3	34.6	33.6	36.0	43.2	39.0	36.6
18	30.4	37.0	27.6	27.6	24.6	21.5	34.5	34.0	36.0	43.8	39.4	36.5
19	30.0	36.0	27.0	27.4	24.9	22.1	34.5	34.0	36.0	44.0	39.6	36.8
20	27.6	33.6	26.6	26.4	25.5	21.3	34.4	33.8	35.6	37.5	35.5	35.5
21	29.4	29.4	27.3	27.4	25.8	26.1	32.6	32.0	34.5	34.6	34.4	34.6
22	28.5	31.4	26.7	27.0	25.4	24.1	31.0	30.0	32.5	34.5	32.5	32.5
23	29.0	34.6	27.0	27.8	25.5	23.8	30.5	29.5	31.5	39.5	36.5	33.5
24	29.0	35.2	27.0	27.6	25.5	23.1	31.5	30.5	33.0	40.5	37.5	35.0
25	29.5	27.8	27.0	26.0	25.2	24.1	32.0	31.5	34.0	35.5	33.5	34.0
26	27.0	31.4	25.8	27.0	24.2	24.1	30.0	29.0	32.0	37.0	34.0	32.5
27	29.4	29.4	26.8	27.6	25.7	26.9	31.0	29.0	32.0	35.5	32.0	32.5
28	29.0	26.5	27.0	26.0	25.5	24.8	30.0	29.0	31.0	32.0	30.5	31.0
29	28.6	29.4	27.2	27.6	26.1	26.6	30.0	28.5	30.5	32.5	31.0	30.5
30	28.6	27.4	26.4	27.4	24.5	27.4	30.0	28.5	30.5	35.0	32.0	31.5
Total	899	1048	813	835	755	712	1003	996	1061	1275	1150	1080
Mean	30.0	34.9	27.1	27.8	25.2	23.7	33.4	33.2	35.4	42.5	38.3	36.0
S.D.	1.2	4.1	0.5	0.9	0.8	2.4	1.9	2.6	2.5	5.7	4.1	2.6
C.V.%	4.0	11.8	1.9	3.4	3.1	10.1	5.8	7.9	7.1	13.5	10.7	7.2
Highest	31.5	42.2	28.2	29.8	26.7	27.7	35.6	36.5	37.6	50.5	44.0	38.8
Lowest	27.0	26.5	25.8	26.0	24.1	17.3	30.0	28.5	30.5	32.0	30.5	30.5

JULY-2016

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	RF
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	31.6	25.4	28.5	6.2	89	77	83	18	23	07.6	01.0	02.6	11.2
2	31.1	25.1	28.1	6.0	94	97	96	25	25	09.1	00.0	01.6	7.5
3	28.8	25.2	27.0	3.6	92	84	88	25	29	06.2	00.4	00.5	5.6
4	32.4	25.2	28.8	7.2	92	79	86	23	25	07.8	00.0	03.0	11.0
5	31.5	25.0	28.3	6.5	97	72	85	23	27	07.3	00.0	00.9	4.2
6	32.5	24.9	28.7	7.6	81	63	72	27	29	09.8	00.0	04.2	0.0
7	32.9	25.2	29.1	7.7	82	68	75	25	25	11.4	00.0	05.0	0.0
8	32.4	25.5	29.0	6.9	87	83	85	27	23	12.3	00.0	03.8	0.0
9	31.9	25.4	28.7	6.5	83	78	81	25	25	09.7	00.0	01.6	0.6
10	31.6	25.3	28.5	6.3	86	75	81	23	25	10.2	00.0	01.8	0.0
11	30.7	25.2	28.0	5.5	86	78	82	25	25	08.9	00.0	01.8	0.4
12	31.4	25.6	28.5	5.8	85	68	77	25	25	10.6	00.0	02.4	0.0
13	33.3	22.4	27.9	10.9	100	95	98	16	16	09.7	00.0	04.6	21.9
14	28.2	23.0	25.6	5.2	90	80	85	23	23	05.6	00.6	01.3	3.7
15	32.1	24.3	28.2	7.8	83	85	84	16	25	07.2	00.0	02.5	0.6
16	30.0	23.6	26.8	6.4	97	86	92	14	23	06.9	00.0	03.5	14.8
17	29.5	23.4	26.5	6.1	95	91	93	21	23	05.9	00.2	00.2	12.2
18	31.0	23.3	27.2	7.7	96	77	87	16	25	07.9	00.3	01.8	8.8
19	30.9	23.0	27.0	7.9	93	78	86	23	23	07.9	02.1	00.9	16.0
20	30.8	23.1	27.0	7.7	87	78	83	29	27	08.0	00.1	02.9	2.7
21	31.6	23.9	27.8	7.7	76	61	69	27	23	07.3	00.8	04.7	0.0
22	33.1	23.8	28.5	9.3	86	63	75	25	23	08.0	00.8	05.3	0.0
23	33.3	24.4	28.9	8.9	86	60	73	23	25	07.8	00.7	04.4	0.0
24	33.4	23.9	28.7	9.5	82	55	69	34	21	06.0	00.8	04.6	0.0
25	34.5	25.1	29.8	9.4	87	54	71	25	25	04.2	00.7	04.4	0.0
26	34.5	24.9	29.7	9.6	85	60	73	32	23	04.7	00.1	04.7	0.0
27	32.2	24.5	28.4	7.7	86	73	80	23	27	04.1	00.0	03.7	0.0
28	31.8	23.0	27.4	8.8	83	100	92	29	25	05.8	00.0	03.4	0.0
29	31.5	22.5	27.0	9.0	93	89	91	25	29	03.7	00.0	01.1	59.0
30	28.7	22.9	25.8	5.8	95	97	96	05	05	03.8	00.0	00.0	10.9
31	26.5	22.4	24.5	4.1	100	97	99	29	32	02.4	00.0	00.0	89.2
Total	976	750	863	225	2754	2401	2578			228	9	83	280.3
Mean	31.5	24.2	27.8	7.3	88.8	77.5	83.1			7.3	0.3	2.7	9.0
S.D.	1.8	1.1	1.2	1.7	6.0	13.0	8.7			2.4	0.5	1.6	18.8
C.V.%	5.7	4.4	4.3	23.1	6.8	16.8	10.4			32.7	169.0	61.0	207.7
High.	34.5	25.6	29.8	10.9	100.0	100.0	98.5			12.3	2.1	5.3	89.2
Low.	26.5	22.4	24.5	3.6	76.0	54.0	68.5			2.4	0.0	0.0	0.0

JULY-2016

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	31.6	25.4	28.5	6.2	89	77	83	18	23	07.6	01.0	02.6
2	31.1	25.1	28.1	6.0	94	97	96	25	25	09.1	00.0	01.6
3	28.8	25.2	27.0	3.6	92	84	88	25	29	06.2	00.4	00.5
4	32.4	25.2	28.8	7.2	92	79	86	23	25	07.8	00.0	03.0
5	31.5	25.0	28.3	6.5	97	72	85	23	27	07.3	00.0	00.9
6	32.5	24.9	28.7	7.6	81	63	72	27	29	09.8	00.0	04.2
7	32.9	25.2	29.1	7.7	82	68	75	25	25	11.4	00.0	05.0
8	32.4	25.5	29.0	6.9	87	83	85	27	23	12.3	00.0	03.8
9	31.9	25.4	28.7	6.5	83	78	81	25	25	09.7	00.0	01.6
10	31.6	25.3	28.5	6.3	86	75	81	23	25	10.2	00.0	01.8
11	30.7	25.2	28.0	5.5	86	78	82	25	25	08.9	00.0	01.8
12	31.4	25.6	28.5	5.8	85	68	77	25	25	10.6	00.0	02.4
13	33.3	22.4	27.9	10.9	100	95	98	16	16	09.7	00.0	04.6
14	28.2	23.0	25.6	5.2	90	80	85	23	23	05.6	00.6	01.3
15	32.1	24.3	28.2	7.8	83	85	84	16	25	07.2	00.0	02.5
16	30.0	23.6	26.8	6.4	97	86	92	14	23	06.9	00.0	03.5
17	29.5	23.4	26.5	6.1	95	91	93	21	23	05.9	00.2	00.2
18	31.0	23.3	27.2	7.7	96	77	87	16	25	07.9	00.3	01.8
19	30.9	23.0	27.0	7.9	93	78	86	23	23	07.9	02.1	00.9
20	30.8	23.1	27.0	7.7	87	78	83	29	27	08.0	00.1	02.9
21	31.6	23.9	27.8	7.7	76	61	69	27	23	07.3	00.8	04.7
22	33.1	23.8	28.5	9.3	86	63	75	25	23	08.0	00.8	05.3
23	33.3	24.4	28.9	8.9	86	60	73	23	25	07.8	00.7	04.4
24	33.4	23.9	28.7	9.5	82	55	69	34	21	06.0	00.8	04.6
25	34.5	25.1	29.8	9.4	87	54	71	25	25	04.2	00.7	04.4
26	34.5	24.9	29.7	9.6	85	60	73	32	23	04.7	00.1	04.7
27	32.2	24.5	28.4	7.7	86	73	80	23	27	04.1	00.0	03.7
28	31.8	23.0	27.4	8.8	83	100	92	29	25	05.8	00.0	03.4
29	31.5	22.5	27.0	9.0	93	89	91	25	29	03.7	00.0	01.1
30	28.7	22.9	25.8	5.8	95	97	96	05	05	03.8	00.0	00.0
31	26.5	22.4	24.5	4.1	100	97	99	29	32	02.4	00.0	00.0
Total	976	750	863	225	2754	2401	2578			228	9.0	83
Mean	31.5	24.2	27.8	7.3	88.8	77.5	83.1			7.3	0.3	2.7
S.D.	1.8	1.1	1.2	1.7	6.0	13.0	8.7			2.4	0.5	1.6
C.V.%	5.7	4.4	4.3	23.1	6.8	16.8	10.4			32.7	169.0	61.0
Highest	34.5	25.6	29.8	10.9	100.0	100.0	98.5			12.3	2.1	5.3
Lowest	26.5	22.4	24.5	3.6	76.0	54.0	68.5			2.4	0.0	0.0

AUGUST-2016

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	RF
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	27.8	23.7	25.8	4.1	95	86	91	29	29	04.3	00.0	00.0	42.4
2	28.1	24.0	26.1	4.1	93	95	94	25	25	09.4	00.0	00.7	0.9
3	28.3	23.4	25.9	4.9	98	86	92	23	25	07.6	00.0	00.3	6.7
4	29.7	23.4	26.6	6.3	95	89	92	27	32	08.5	00.0	01.5	8.6
5	29.6	24.5	27.1	5.1	97	97	97	29	29	07.5	00.0	00.3	64.8
6	29.6	23.9	26.8	5.7	97	85	91	16	27	07.6	00.0	00.0	18.6
7	28.0	24.0	26.0	4.0	95	95	95	23	29	08.4	00.0	00.9	9.4
8	28.0	23.4	25.7	4.6	90	98	94	14	27	06.4	00.0	00.2	4.4
9	27.7	24.5	26.1	3.2	98	98	98	25	32	04.7	00.0	00.2	22.2
10	27.8	23.9	25.9	3.9	93	90	92	23	25	06.4	00.0	00.0	25.0
11	28.1	25.4	26.8	2.7	93	82	88	20	25	07.4	00.0	00.2	3.4
12	29.3	25.5	27.4	3.8	92	81	87	20	25	07.1	00.0	01.4	0.0
13	30.5	25.5	28.0	5.0	87	77	82	18	25	05.5	00.0	02.3	0.0
14	31.4	25.6	28.5	5.8	93	70	82	20	23	07.2	02.0	03.4	0.0
15	31.6	25.6	28.6	6.0	82	67	75	25	25	09.6	02.1	04.1	0.0
16	31.4	25.7	28.6	5.7	86	70	78	20	25	09.4	00.5	04.1	0.0
17	30.7	25.5	28.1	5.2	89	66	78	25	25	10.6	01.0	03.6	0.0
18	31.6	25.0	28.3	6.6	86	62	74	25	25	09.3	02.0	03.6	0.0
19	32.6	24.5	28.6	8.1	89	65	77	25	25	06.6	00.6	04.5	0.0
20	33.0	24.7	28.9	8.3	84	61	73	29	25	07.5	01.8	05.1	0.0
21	31.8	25.6	28.7	6.2	85	63	74	27	25	08.3	00.0	03.9	0.0
22	31.5	25.4	28.5	6.1	92	62	77	23	25	07.8	00.0	03.8	0.0
23	32.6	24.9	28.8	7.7	89	67	78	20	29	06.4	00.1	03.7	0.0
24	31.4	24.8	28.1	6.6	87	65	76	23	27	07.0	00.0	03.1	0.0
25	31.0	23.8	27.4	7.2	87	100	94	32	29	04.3	00.0	03.1	0.0
26	31.0	24.0	27.5	7.0	100	95	98	29	32	04.7	00.0	02.0	46.0
27	29.0	24.6	26.8	4.4	92	93	93	00	32	02.2	00.0	01.4	38.6
28	31.0	24.6	27.8	6.4	87	86	87	34	20	02.0	00.0	02.0	4.0
29	31.3	25.9	28.6	5.4	97	83	90	23	29	04.1	00.0	01.9	3.2
30	30.7	24.9	27.8	5.8	92	100	96	27	25	05.5	00.0	01.1	2.1
31	28.9	25.0	27.0	3.9	93	74	84	20	23	02.6	00.0	00.7	55.3
Total	935	765	850	170	2833	2508	2671			206	10	63	355.6
Mean	30.2	24.7	27.4	5.5	91.4	80.9	86.1			6.6	0.3	2.0	11.5
S.D.	1.6	0.8	1.1	1.4	4.6	13.4	8.3			2.2	0.7	1.6	18.5
C.V.%	5.4	3.1	3.9	25.8	5.1	16.6	9.7			33.4	209.5	79.1	161.7
High.	33.0	25.9	28.9	8.3	100.0	100.0	98.0			10.6	2.1	5.1	64.8
Low.	27.7	23.4	25.7	2.7	82.0	61.0	72.5			2.0	0.0	0.0	0.0

AUGUST-2016

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	26.6	27.6	26.0	25.8	24.8	23.8	27.9	26.1	27.4	28.9	27.5	28.0
2	26.4	26.6	25.6	26.0	24.2	24.8	27.5	27.0	27.5	29.5	28.0	27.6
3	26.0	29.0	25.8	27.2	24.8	26.0	27.9	26.6	27.4	31.8	29.5	29.0
4	27.0	28.0	26.4	26.6	25.5	25.2	28.5	27.0	27.9	30.0	28.5	28.0
5	25.8	26.0	25.4	25.6	24.1	24.3	27.5	26.0	27.5	27.5	26.4	26.9
6	25.4	28.8	25.0	26.6	23.6	24.8	27.0	26.4	26.5	30.4	28.1	27.4
7	26.2	25.6	25.6	25.0	24.2	23.3	28.0	27.2	27.0	29.5	28.0	24.1
8	25.4	26.4	25.2	26.2	22.0	25.4	26.9	25.5	26.8	27.5	27.0	27.0
9	25.6	25.8	25.4	25.6	24.2	24.5	27.5	26.2	26.9	27.5	27.1	27.0
10	26.4	27.4	25.6	26.2	24.2	24.8	27.5	26.5	26.9	29.5	27.5	26.9
11	26.6	29.0	25.8	26.6	24.5	24.6	27.5	26.1	26.9	30.9	27.5	26.5
12	27.2	29.4	26.2	26.8	24.9	24.8	28.5	27.0	27.5	30.5	28.4	27.9
13	27.0	29.6	25.4	26.4	23.3	23.9	27.9	27.0	27.8	32.5	30.5	28.5
14	26.6	30.6	25.8	26.4	24.5	23.2	28.0	27.3	28.0	33.4	31.0	29.0
15	27.8	30.6	25.4	25.8	22.8	22.0	28.9	27.4	28.1	33.2	30.5	29.0
16	27.2	29.6	25.4	25.4	23.2	21.7	28.4	27.3	28.4	32.9	30.8	29.4
17	27.2	31.4	25.8	26.4	24.1	22.8	28.5	27.5	28.5	35.0	33.0	29.9
18	27.8	31.6	26.0	26.0	24.1	21.7	29.5	28.0	29.6	36.5	33.4	30.1
19	27.0	32.2	25.6	26.0	23.8	21.5	29.3	28.0	29.9	37.0	34.5	31.0
20	27.4	30.6	25.4	24.8	23.1	22.1	29.5	27.6	30.0	36.4	33.5	31.0
21	27.6	30.8	25.6	25.4	23.3	20.9	29.9	28.8	30.1	36.4	33.8	31.0
22	26.8	31.8	25.8	26.2	24.3	22.1	29.9	28.0	30.5	35.8	33.0	31.0
23	27.0	30.4	25.6	25.6	23.8	21.7	30.0	29.0	30.8	35.1	32.0	30.9
24	26.6	30.0	25.0	25.0	24.3	20.7	29.4	28.5	30.0	35.0	32.0	30.4
25	26.2	26.0	24.6	26.0	22.3	24.8	29.0	28.0	29.5	29.0	28.2	28.5
26	25.0	25.5	25.0	25.0	23.8	23.3	26.0	26.0	27.5	29.5	28.4	28.4
27	27.0	26.0	26.0	25.2	24.6	23.6	29.0	27.0	27.8	30.0	28.5	28.5
28	27.8	29.8	26.2	27.6	24.5	26.3	30.0	28.0	28.5	35.5	32.5	29.8
29	27.2	29.2	26.8	27.0	26.1	25.4	29.5	28.0	28.9	33.5	31.0	29.8
30	27.6	25.6	26.6	25.6	25.5	24.6	29.5	28.2	30.0	28.5	27.5	28.5
31	26.8	31.2	26.0	27.4	25.7	25.1	28.5	27.3	28.2	35.0	31.4	29.8
Total	828	892	796	807	748	734	883	845	878	994	929	891
Mean	26.7	28.8	25.7	26.0	24.1	23.7	28.5	27.2	28.3	32.1	30.0	28.7
S.D.	0.7	2.2	0.5	0.7	0.9	1.6	1.0	0.9	1.3	3.1	2.4	1.6
C.V.%	2.8	7.5	1.9	2.8	3.8	6.6	3.6	3.2	4.4	9.6	8.1	5.7
Highest	27.8	32.2	26.8	27.6	26.1	26.3	30.0	29.0	30.8	37.0	34.5	31.0
Lowest	25.0	25.5	24.6	24.8	22.0	20.7	26.0	25.5	26.5	27.5	26.4	24.1

SEPTEMBER-2016

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	RF
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	31.5	24.7	28.1	6.8	93	76	85	14	14	04.9	01.8	03.0	0.6
2	29.5	23.9	26.7	5.6	86	74	80	25	29	03.2	00.2	01.0	3.3
3	31.5	23.7	27.6	7.8	84	59	72	23	20	05.1	03.7	03.7	0.0
4	31.6	24.0	27.8	7.6	87	64	76	23	25	07.1	06.8	04.1	0.0
5	32.5	23.6	28.1	8.9	90	63	77	18	25	07.8	07.1	04.6	0.0
6	32.2	23.5	27.9	8.7	83	69	76	18	25	08.8	06.6	04.5	0.0
7	31.0	24.0	27.5	7.0	87	59	73	23	27	06.6	03.4	03.5	5.4
8	31.8	23.9	27.9	7.9	80	55	68	20	29	06.2	07.3	03.1	0.0
9	32.8	24.1	28.5	8.7	84	57	71	27	25	04.9	09.4	04.6	0.0
10	32.9	24.4	28.7	8.5	83	57	70	25	25	05.7	08.8	04.4	0.0
11	33.2	24.9	29.1	8.3	80	54	67	00	25	06.0	08.7	04.7	0.0
12	33.1	24.1	28.6	9.0	79	54	67	14	20	05.5	09.0	04.0	0.0
13	33.3	24.5	28.9	8.8	78	60	69	16	25	04.6	08.8	05.5	0.0
14	34.1	24.9	29.5	9.2	77	56	67	16	34	02.5	07.3	03.0	5.0
15	34.0	25.1	29.6	8.9	85	53	69	36	34	02.5	09.0	05.2	1.8
16	35.4	25.5	30.5	9.9	87	60	74	34	34	02.9	06.9	04.6	0.0
17	33.6	26.0	29.8	7.6	85	41	63	34	29	04.6	00.5	03.1	0.0
18	33.1	20.1	26.6	13.0	100	100	100	32	29	03.9	00.0	03.4	46.2
19	26.5	22.0	24.3	4.5	96	93	95	25	27	01.6	00.0	00.0	68.0
20	27.6	24.4	26.0	3.2	93	90	92	14	16	02.2	00.0	00.2	3.0
21	28.3	24.0	26.2	4.3	89	77	83	29	29	03.5	00.0	00.6	010.8
22	31.3	24.4	27.9	6.9	86	70	78	36	29	03.8	05.6	03.1	0.0
23	31.7	24.0	27.9	7.7	90	82	86	00	29	03.1	03.9	01.2	130.0
24	30.7	23.9	27.3	6.8	87	68	78	34	29	02.4	02.0	02.0	0.0
25	31.6	24.2	27.9	7.4	83	68	76	34	32	03.5	06.1	03.3	0.0
26	32.0	24.3	28.2	7.7	83	66	75	36	29	03.3	08.1	04.1	0.0
27	32.5	23.7	28.1	8.8	84	63	74	34	29	02.8	08.8	03.7	0.0
28	32.6	23.4	28.0	9.2	83	60	72	05	29	03.8	09.8	05.5	0.0
29	32.6	23.5	28.1	9.1	83	64	74	29	25	03.9	09.8	04.1	0.0
30	32.4	22.9	27.7	9.5	86	72	79	34	25	04.0	08.8	04.3	0.0
Total	957	720	838	237	2571	1984	2278			131	168	102	274.1
Mean	31.9	24.0	27.9	7.9	85.7	66.1	75.9			4.4	5.6	3.4	9.1
S.D.	1.9	1.1	1.2	1.9	5.2	12.8	8.6			1.8	3.5	1.5	27.1
C.V.%	5.9	4.4	4.4	23.6	6.0	19.4	11.3			40.2	63.0	44.3	297.0
High.	35.4	26.0	30.5	13.0	100.0	100.0	100.0			8.8	9.8	5.5	130.0
Low.	26.5	20.1	24.3	3.2	77.0	41.0	63.0			1.6	0.0	0.0	0.0

SEPTEMBER-2016

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	28.8	25.6	25.6	24.2	24.2	28.5	27.5	27.8	32.5	30.5	29.8
2	27.0	30.4	25.2	26.8	22.7	24.2	28.4	27.0	28.5	34.2	32.0	30.0
3	26.6	30.8	24.6	24.8	22.0	19.8	27.5	27.0	28.5	33.0	31.0	29.5
4	26.2	30.8	24.6	25.6	22.3	21.5	27.5	26.5	28.5	36.0	31.6	30.0
5	25.4	31.0	24.2	25.6	22.3	21.3	27.0	25.8	28.0	34.2	32.0	30.1
6	26.8	30.2	24.6	25.8	21.9	22.3	27.3	27.0	27.6	32.0	30.4	29.8
7	26.6	31.4	25.0	25.2	22.8	20.2	27.5	26.1	28.0	34.7	31.2	30.1
8	27.2	32.2	24.6	25.2	21.6	19.7	27.5	26.4	28.4	35.5	33.7	30.5
9	27.4	32.6	25.4	26.0	23.7	21.2	27.3	27.0	29.4	37.0	34.5	30.8
10	27.6	32.2	25.4	25.6	22.9	19.9	29.5	27.9	30.0	39.6	36.2	31.0
11	27.8	32.8	25.2	25.6	22.4	20.2	29.0	27.8	30.0	41.2	37.8	32.8
12	27.6	33.0	24.8	25.8	21.7	20.4	29.0	28.5	31.0	43.2	38.4	32.5
13	28.4	33.0	25.4	26.8	22.5	22.7	30.5	29.4	31.4	45.0	42.2	33.5
14	28.0	33.6	25.0	26.6	22.0	21.9	29.5	28.2	31.1	40.5	36.9	32.6
15	28.2	35.0	26.2	27.2	24.3	22.3	30.0	29.1	31.4	43.5	37.2	33.0
16	27.2	33.4	25.6	27.2	23.6	24.6	30.1	29.5	31.0	39.0	34.0	32.1
17	27.6	32.2	25.6	26.6	23.3	14.7	30.2	29.4	31.0	37.1	34.0	32.0
18	23.6	22.4	23.6	22.4	21.9	20.3	26.4	27.0	30.0	21.0	28.4	29.6
19	23.8	25.4	23.4	24.6	21.3	22.7	26.5	25.4	27.5	29.4	28.0	27.4
20	26.4	27.2	25.6	26.0	24.2	24.5	28.0	26.9	27.9	30.5	28.6	28.4
21	26.8	30.2	25.4	27.0	23.5	24.8	28.0	27.4	28.0	34.2	31.5	29.0
22	27.4	31.4	25.6	27.0	23.5	24.1	28.4	27.0	28.9	34.7	31.0	29.8
23	26.6	29.4	25.4	27.0	23.6	25.2	28.5	27.0	28.5	32.5	29.8	29.0
24	26.8	31.4	25.2	26.8	23.1	23.6	28.6	26.8	28.4	34.3	31.4	29.9
25	28.0	31.4	25.8	26.8	23.6	23.6	28.9	27.0	28.5	35.6	32.5	30.3
26	27.2	32.0	25.0	27.0	22.4	23.6	27.8	26.1	28.6	34.5	31.6	30.0
27	26.8	32.0	24.8	26.4	22.3	22.4	27.5	27.0	28.4	35.5	32.2	30.1
28	26.6	32.0	24.4	26.0	21.6	21.5	27.9	26.4	28.5	35.0	32.3	29.9
29	26.8	30.8	24.8	25.6	22.3	21.5	27.3	26.0	28.5	34.8	31.5	29.8
30	26.4	31.6	24.6	27.6	22.1	25.2	26.9	25.5	27.6	34.0	31.2	29.6
Total	805	931	751	782	682	664	847	816	871	1064	984	913
Mean	26.8	31.0	25.0	26.1	22.7	22.1	28.2	27.2	29.0	35.5	32.8	30.4
S.D.	1.1	2.5	0.6	1.0	0.9	2.2	1.1	1.1	1.3	4.6	3.2	1.4
C.V.%	4.0	8.0	2.5	4.0	3.8	10.1	4.0	4.1	4.3	13.1	9.8	4.7
Highest	28.4	35.0	26.2	27.6	24.3	25.2	30.5	29.5	31.4	45.0	42.2	33.5
Lowest	23.6	22.4	23.4	22.4	21.3	14.7	26.4	25.4	27.5	21.0	28.0	27.4

OCTOBER-2016

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	RF
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	32.1	23.0	27.6	9.1	85	69	77.0	02	25	3.3	8.4	03.5	0.0
2	32.6	25.4	29.0	7.2	86	67	76.5	34	29	2.9	4.8	03.0	0.0
3	32.4	25.4	28.9	7.0	87	64	75.5	34	32	3.1	2.8	03.4	0.0
4	33.1	22.9	28.0	10.2	93	98	95.5	02	25	2.4	1.8	01.2	39.2
5	29.5	23.0	26.3	6.5	98	88	93.0	00	27	2.2	0.0	00.0	95.4
6	26.4	24.3	25.4	2.1	93	82	87.5	16	29	2.3	0.0	00.7	0.2
7	30.9	25.0	28.0	5.9	98	84	91.0	34	29	2.2	1.4	01.6	6.6
8	32.8	24.4	28.6	8.4	92	75	83.5	18	29	2.6	2.1	00.5	11.6
9	32.4	25.4	28.9	7.0	92	69	80.5	34	32	2.1	3.9	03.1	0.0
10	32.4	24.9	28.7	7.5	90	65	77.5	29	27	1.7	2.7	03.3	0.0
11	32.2	22.9	27.6	9.3	90	63	76.5	00	25	2.8	6.7	03.1	0.0
12	31.6	21.5	26.6	10.1	85	58	71.5	16	29	2.5	8.7	04.6	0.0
13	31.8	21.0	26.4	10.8	87	52	69.5	00	20	2.5	9.4	03.5	0.0
14	32.0	20.8	26.4	11.2	90	56	73.0	05	25	1.7	9.5	03.4	0.0
15	33.1	21.9	27.5	11.2	85	47	66.0	00	02	01.5	08.8	04.0	0.0
16	33.2	21.3	27.3	11.9	82	41	61.5	00	02	01.5	07.1	03.5	0.0
17	34.6	20.2	27.4	14.4	88	35	61.5	00	32	01.6	08.5	03.8	0.0
18	35.2	22.7	29.0	12.5	76	31	53.5	36	05	02.6	06.4	04.7	0.0
19	35.1	19.9	27.5	15.2	81	32	56.5	00	29	02.6	09.2	05.7	0.0
20	34.4	18.9	26.7	15.5	70	36	53.0	00	32	02.7	09.7	05.2	0.0
21	33.3	20.8	27.1	12.5	78	42	60.0	00	27	03.1	09.5	04.4	0.0
22	33.2	21.1	27.2	12.1	88	42	65.0	00	25	02.5	09.0	03.8	0.0
23	32.8	19.0	25.9	13.8	88	37	62.5	00	25	02.3	09.6	04.3	0.0
24	32.6	19.7	26.2	12.9	80	42	61.0	00	25	02.5	09.7	02.1	0.0
25	31.9	19.2	25.6	12.7	80	55	67.5	21	34	02.6	09.8	04.0	0.0
26	31.8	19.5	25.7	12.3	82	42	62.0	34	02	02.0	09.1	03.6	0.0
27	33.5	17.5	25.5	16.0	70	28	49.0	00	02	02.3	08.0	04.2	0.0
28	35.5	18.6	27.1	16.9	69	26	47.5	00	29	01.5	09.4	03.6	0.0
29	35.6	20.0	27.8	15.6	59	25	42.0	05	14	02.5	09.3	03.8	0.0
30	34.5	18.6	26.6	15.9	64	30	47.0	05	09	02.5	09.0	05.5	0.0
31	34.2	16.1	25.2	18.1	76	28	52.0	00	05	1.8	07.7	04.1	0.0
Total	1017	665	841	352	2582	1609	2096			72	212	105	153.0
Mean	32.8	21.4	27.1	11.3	83.3	51.9	67.6			2.3	6.8	3.4	4.9
S.D.	1.8	2.5	1.2	3.8	9.5	20.3	14.3			0.5	3.3	1.4	18.3
C.V.%	5.6	11.8	4.2	33.1	11.4	39.1	21.1			20.9	47.6	40.9	371.0
High.	35.6	25.4	29.0	18.1	98.0	98.0	95.5			3.3	9.8	5.7	95.4
Low.	26.4	16.1	25.2	2.1	59.0	25.0	42.0			1.5	0.0	0.0	0.0

OCTOBER-2016

Date	D.B. (°C)		W.B. (°C)		V.P. (mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	26.0	31.6	24.2	27.0	21.6	23.9	26.0	25.4	27.8	33.0	30.4	29.0
2	27.8	31.6	26.0	26.8	24.1	23.5	28.0	27.1	28.6	34.8	30.3	29.4
3	27.0	32.2	25.4	26.8	23.3	23.1	28.5	27.4	28.7	35.1	31.2	30.0
4	25.4	25.4	24.6	25.2	22.7	23.9	27.5	27.0	28.3	30.5	29.0	28.4
5	24.4	25.8	24.2	24.4	22.5	22.1	27.0	26.4	27.6	30.0	28.1	27.6
6	26.4	28.8	25.6	26.4	24.2	24.3	28.0	27.1	27.5	32.0	29.5	28.4
7	26.0	30.4	25.8	28.2	24.8	27.4	27.9	27.0	28.0	33.9	30.4	28.6
8	27.0	32.0	26.0	28.4	24.6	26.7	28.8	27.0	28.0	35.1	31.0	29.0
9	27.0	32.0	26.0	27.4	24.6	23.9	29.0	28.1	29.0	35.0	31.0	29.8
10	26.4	31.6	25.2	26.4	23.3	22.7	29.0	27.9	28.8	35.1	32.5	30.1
11	25.6	31.0	24.4	25.6	22.3	21.3	26.9	26.1	28.4	34.8	31.1	29.8
12	25.8	31.0	24.0	24.8	21.3	19.7	25.8	25.2	27.6	33.9	30.8	29.0
13	25.4	31.8	23.8	24.4	21.1	18.4	25.6	25.2	27.5	34.7	31.0	28.9
14	24.8	32.4	23.6	25.6	21.1	20.4	25.8	25.3	27.6	35.9	32.5	29.8
15	25.6	32.2	23.8	23.8	20.9	17.0	26.9	26.2	27.9	33.0	31.5	29.0
16	25.6	34.4	23.4	24.4	20.2	16.8	25.8	25.3	27.5	35.3	32.1	29.6
17	23.0	34.5	21.6	23.2	18.5	14.4	25.6	25.4	28.0	36.8	31.2	29.0
18	23.0	34.8	21.2	22.6	16.1	13.1	25.8	25.3	27.2	36.2	31.0	28.5
19	23.2	33.8	21.0	22.0	17.3	12.6	24.9	24.0	27.0	35.0	30.6	28.0
20	25.8	32.8	22.0	22.2	17.4	13.5	24.5	24.0	27.0	35.0	31.6	28.1
21	27.0	32.4	24.2	23.0	20.9	17.8	24.8	24.0	26.8	35.4	31.5	28.2
22	23.6	32.4	22.2	23.0	19.2	15.4	25.0	24.4	27.4	36.5	32.0	28.5
23	24.0	32.0	20.6	21.8	18.9	13.4	25.2	24.3	27.4	35.6	32.0	29.0
24	24.0	31.4	21.6	22.2	17.9	14.4	25.0	24.4	27.4	35.0	32.0	28.9
25	24.4	31.2	22.0	24.4	18.3	18.8	24.9	24.4	26.9	36.5	33.6	28.5
26	25.8	33.0	23.6	23.4	20.4	15.7	25.5	25.0	27.5	38.5	34.2	30.6
27	23.4	35.0	19.8	22.0	15.1	11.8	24.9	24.5	27.5	39.0	34.6	29.8
28	23.6	34.8	19.8	21.4	17.5	10.9	25.5	25.2	28.0	39.4	34.7	29.8
29	25.8	34.0	20.4	20.5	14.7	10.0	26.6	25.6	28.7	39.0	35.2	30.2
30	25.4	33.4	20.8	21.2	15.6	11.5	26.4	25.3	28.5	38.5	35.8	29.9
31	22.6	33.6	19.8	21.0	15.6	10.9	24.9	25.5	28.1	38.8	35.6	30.0
Total	781	993	717	750	626	559	816	795	862	1097	988	903
Mean	25.2	32.0	23.1	24.2	20.2	18.0	26.3	25.6	27.8	35.4	31.9	29.1
S.D.	1.4	2.2	2.0	2.2	3.1	5.2	1.4	1.2	0.6	2.3	1.9	0.8
C.V.%	5.6	7.0	8.9	9.3	15.3	28.7	5.3	4.6	2.1	6.5	5.9	2.6
Highest	27.8	35.0	26.0	28.4	24.8	27.4	29.0	28.1	29.0	39.4	35.8	30.6
Lowest	22.6	25.4	19.8	20.5	14.7	10.0	24.5	24.0	26.8	30.0	28.1	27.6

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Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	RF
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	35.0	17.0	26.0	18.0	80	21	50.5	34	14	01.6	09.0	04.2	0.0
2	34.7	16.2	25.5	18.5	73	22	47.5	00	29	01.5	08.1	04.1	0.0
3	34.6	15.1	24.9	19.5	76	19	47.5	00	34	01.5	07.5	04.0	0.0
4	34.5	15.0	24.8	19.5	69	29	49.0	05	05	01.7	07.9	03.7	0.0
5	33.6	15.4	24.5	18.2	71	27	49.0	14	05	01.5	07.7	04.0	0.0
6	33.7	15.0	24.4	18.7	66	28	47.0	14	07	01.8	06.8	04.1	0.0
7	34.2	15.0	24.6	19.2	78	24	51.0	14	34	01.5	07.7	03.6	0.0
8	34.1	15.7	24.9	18.4	74	23	48.5	00	34	02.3	08.4	04.5	0.0
9	34.2	15.0	24.6	19.2	80	20	50.0	00	32	02.1	08.8	03.9	0.0
10	34.4	15.4	24.9	19.0	70	26	48.0	00	34	01.7	08.9	03.9	0.0
11	33.3	15.0	24.2	18.3	73	22	47.5	00	23	02.0	08.7	03.9	0.0
12	33.8	15.0	24.4	18.8	81	65	73.0	18	14	02.1	08.7	03.7	0.0
13	33.0	14.3	23.7	18.7	65	29	47.0	16	14	02.4	09.0	03.8	0.0
14	33.4	14.9	24.2	18.5	74	30	52.0	14	05	02.7	08.7	04.1	0.0
15	32.2	13.9	23.1	18.3	74	23	48.5	23	05	03.5	08.4	03.8	0.0
16	31.9	14.4	23.2	17.5	68	31	49.5	23	02	03.3	08.4	04.9	0.0
17	33.8	18.1	26.0	15.7	64	27	45.5	25	02	02.4	08.5	03.6	0.0
18	34.3	14.6	24.5	19.7	65	26	45.5	32	09	01.7	08.7	03.9	0.0
19	33.3	14.4	23.9	18.9	68	28	48.0	09	32	01.9	06.1	03.9	0.0
20	34.0	13.5	23.8	20.5	75	26	50.5	14	05	01.7	08.9	03.6	0.0
21	34.0	13.6	23.8	20.4	77	29	53.0	05	32	01.5	08.8	03.6	0.0
22	34.0	13.4	23.7	20.6	75	26	50.5	00	09	01.2	09.0	03.2	0.0
23	33.9	13.9	23.9	20.0	76	26	51.0	29	16	01.7	08.7	03.1	0.0
24	34.0	14.5	24.3	19.5	77	27	52.0	18	07	01.6	08.5	02.9	0.0
25	33.9	16.2	25.1	17.7	59	27	43.0	29	09	01.5	08.6	03.4	0.0
26	34.3	14.9	24.6	19.4	71	24	47.5	00	09	01.9	08.9	03.7	0.0
27	34.7	13.4	24.1	21.3	70	27	48.5	00	16	01.8	09.1	03.2	0.0
28	34.9	13.4	24.2	21.5	71	26	48.5	00	25	01.2	08.6	03.4	0.0
29	34.7	13.5	24.1	21.2	74	25	49.5	36	34	01.6	09.2	03.7	0.0
30	33.5	12.8	23.2	20.7	84	31	57.5	32	02	02.5	08.9	04.2	0.0
Total	1018	443	730	575	2178	814	1496			57	253	113.6	0.0
Mean	33.9	14.8	24.3	19.2	72.6	27.1	49.9			1.9	8.4	3.8	0.0
S.D.	0.7	1.2	0.7	1.3	5.6	7.8	5.1			0.5	0.7	0.4	0.0
C.V.%	2.1	7.8	3.0	6.6	7.7	28.7	10.2			28.6	8.2	10.9	0.0
High.	35.0	18.1	26.0	21.5	84.0	65.0	73.0			3.5	9.2	4.9	0.0
Low.	31.9	12.8	23.1	15.7	59.0	19.0	43.0			1.2	6.1	2.9	0.0

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Date	D.B. (°C)		W.B. (°C)		V.P. (mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	24.0	34.0	21.6	19.6	17.9	8.3	25.7	25.1	28.0	38.6	35.4	30.1
2	20.4	33.4	17.4	19.6	13.1	8.7	24.6	24.4	28.1	37.8	34.1	29.9
3	20.4	33.6	17.8	18.8	13.7	8.9	24.1	24.0	27.5	37.0	34.1	29.0
4	19.5	33.2	16.2	21.0	11.8	11.2	24.0	24.2	27.8	37.0	33.0	28.7
5	20.2	33.2	17.0	20.4	12.6	10.2	24.2	24.4	27.6	37.2	32.5	28.6
6	20.5	33.6	16.8	21.0	12.1	10.9	24.0	24.0	27.5	37.0	32.2	28.5
7	20.2	33.2	17.8	19.8	13.8	09.1	24.4	24.2	27.5	37.0	33.4	28.8
8	20.4	33.6	17.6	19.8	13.7	08.9	25.0	24.5	28.4	37.5	34.0	28.9
9	20.0	33.0	17.8	18.8	14.0	07.6	24.6	24.4	27.8	37.9	34.0	29.0
10	21.2	32.2	17.8	19.6	13.2	09.4	24.6	24.5	27.5	36.9	33.9	29.0
11	20.4	33.8	17.4	19.8	13.1	08.8	24.5	24.1	27.6	37.0	34.1	29.0
12	19.0	32.0	17.0	26.8	13.3	23.2	24.6	25.0	27.6	36.5	33.6	34.0
13	20.4	32.0	16.4	20.2	11.5	10.5	24.5	24.2	27.3	36.5	33.8	29.4
14	19.4	31.6	16.6	20.0	12.5	10.5	25.0	24.7	27.5	36.8	33.4	28.9
15	19.4	31.4	16.6	18.4	12.5	08.0	24.0	23.9	27.3	35.9	32.8	28.3
16	19.2	33.2	15.8	21.4	11.4	11.9	24.3	23.9	27.4	36.5	33.4	28.4
17	22.0	33.4	17.8	21.2	12.7	10.8	25.1	24.9	27.9	37.5	34.0	29.0
18	19.4	32.2	15.6	19.6	11.0	09.4	24.5	24.4	27.5	36.4	33.0	28.4
19	19.0	33.6	15.6	21.0	11.2	10.9	24.0	24.0	27.5	36.6	33.5	28.5
20	16.0	33.2	13.6	20.2	10.3	09.8	23.8	24.2	27.4	36.5	33.4	28.4
21	19.0	32.8	16.5	20.6	12.7	10.7	24.0	24.2	27.4	36.3	33.1	28.4
22	18.6	32.6	16.0	19.8	12.1	09.5	23.9	23.7	27.2	35.9	32.5	28.2
23	19.8	33.8	17.2	20.6	13.1	10.1	24.2	24.0	27.4	36.5	32.5	28.2
24	19.4	33.0	17.0	20.4	13.0	10.3	24.4	24.1	27.4	36.2	32.3	28.2
25	20.4	33.6	15.8	20.8	10.7	12.1	24.3	24.0	27.0	36.7	33.1	28.4
26	20.4	34.0	17.2	20.4	12.8	09.7	24.0	23.9	26.9	37.0	33.0	28.0
27	20.8	34.0	17.4	21.0	12.9	10.7	24.4	23.9	27.0	36.7	33.0	28.3
28	18.6	34.4	15.6	20.8	11.5	10.4	23.3	23.5	26.9	36.5	32.5	28.2
29	19.4	32.8	16.6	19.8	12.5	09.4	23.9	23.8	27.2	35.6	32.4	28.0
30	17.0	31.2	15.4	20.0	12.1	10.7	23.4	23.2	26.8	35.2	31.1	27.6
Total	594	992	505	611	379	311	729	725	824	1103	997	864
Mean	19.8	33.1	16.8	20.4	12.6	10.4	24.3	24.2	27.5	36.8	33.2	28.8
S.D.	1.4	0.8	1.3	1.4	1.4	2.7	0.5	0.4	0.4	0.7	0.8	1.1
C.V.%	7.1	2.5	7.8	7.0	10.9	25.7	2.0	1.7	1.3	1.9	2.5	3.9
Highest	24.0	34.4	21.6	26.8	17.9	23.2	25.7	25.1	28.4	38.6	35.4	34.0
Lowest	16.0	31.2	13.6	18.4	10.3	7.6	23.3	23.2	26.8	35.2	31.1	27.6

DECEMBER-2016

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	RF
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	31.6	13.4	22.5	18.2	83	41	62	27	34	02.4	08.4	03.4	0.0
2	31.7	16.0	23.9	15.7	77	26	52	02	32	03.6	07.6	03.6	0.0
3	34.4	15.7	25.1	18.7	70	26	48	20	07	02.4	08.4	03.6	0.0
4	33.2	15.8	24.5	17.4	64	25	45	02	05	02.9	08.1	04.7	0.0
5	34.4	15.0	24.7	19.4	71	30	51	14	32	02.5	07.1	04.0	0.0
6	31.0	12.7	21.9	18.3	70	27	49	23	02	01.8	08.9	02.8	0.0
7	33.0	13.8	23.4	19.2	70	23	47	00	02	02.4	09.0	03.8	0.0
8	34.7	13.0	23.9	21.7	71	22	47	25	16	02.0	09.4	03.7	0.0
9	34.0	13.0	23.5	21.0	71	32	52	20	29	01.4	08.8	03.2	0.0
10	32.4	12.9	22.7	19.5	81	29	55	00	32	01.3	08.5	03.4	0.0
11	31.4	13.8	22.6	17.6	85	38	62	00	34	01.8	08.8	03.7	0.0
12	31.6	14.2	22.9	17.4	88	27	58	29	34	02.5	08.5	03.5	0.0
13	32.2	14.4	23.3	17.8	77	30	54	11	02	02.8	08.7	03.7	0.0
14	31.2	21.7	26.5	9.5	36	30	33	34	02	06.1	08.3	05.7	0.0
15	32.7	14.0	23.4	18.7	69	19	44	05	34	03.5	09.1	04.2	0.0
16	34.4	13.9	24.2	20.5	68	23	46	00	02	02.3	09.2	04.0	0.0
17	33.9	14.4	24.2	19.5	71	30	51	16	25	02.6	08.8	04.3	0.0
18	33.2	13.2	23.2	20.0	76	31	54	25	34	02.1	08.7	03.6	0.0
19	31.0	12.9	22.0	18.1	81	33	57	00	32	02.3	07.5	03.9	0.0
20	30.4	11.9	21.2	18.5	75	34	55	25	05	02.7	07.9	03.8	0.0
21	30.4	11.2	20.8	19.2	86	29	58	16	25	01.9	08.4	03.0	0.0
22	32.3	12.5	22.4	19.8	83	23	53	00	34	01.9	08.6	03.4	0.0
23	32.6	12.0	22.3	20.6	96	23	60	32	34	01.8	06.4	03.0	0.0
24	31.5	12.4	22.0	19.1	84	35	60	00	34	01.9	08.7	03.3	0.0
25	30.3	12.7	21.5	17.6	84	19	52	00	34	01.8	08.9	03.3	0.0
26	31.6	11.0	21.3	20.6	52	20	36	16	02	04.2	08.6	04.7	0.0
27	30.4	10.1	20.3	20.3	70	24	47	25	07	03.0	09.0	04.4	0.0
28	31.7	12.3	22.0	19.4	72	23	48	00	25	02.5	08.6	03.7	0.0
29	33.7	11.6	22.7	22.1	77	25	51	00	25	02.6	08.6	03.6	0.0
30	32.8	11.4	22.1	21.4	78	28	53	16	25	02.0	08.4	03.6	0.0
31	33.5	12.2	22.9	21.3	82	24	53	00	25	01.5	08.7	03.0	0.0
Total	1003	415	709	588	2318	849	1584			77	263	116	0.0
Mean	32.4	13.4	22.9	19.0	74.8	27.4	51.1			2.5	8.5	3.7	0.0
S.D.	1.3	2.1	1.3	2.3	11.1	5.3	6.6			0.9	0.6	0.6	0.0
C.V.%	4.1	15.7	5.8	12.1	14.8	19.5	12.9			37.8	7.4	15.9	0.0
High.	34.7	21.7	26.5	22.1	96.0	41.0	62.0			6.1	9.4	5.7	0.0
Low.	30.3	10.1	20.3	9.5	36.0	19.0	33.0			1.3	6.4	2.8	0.0

DECEMBER-2016

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	16.6	31.4	15.0	22.0	13.8	14.1	23.2	23.4	26.8	35.5	30.4	27.4
2	18.8	33.6	16.4	20.6	12.6	10.1	24.4	24.1	26.9	36.5	32.5	28.0
3	21.8	32.6	18.4	19.8	13.8	09.8	24.5	24.6	27.4	35.8	33.4	28.4
4	20.0	33.5	16.0	20.4	11.2	09.9	24.8	24.8	27.6	36.2	31.5	28.0
5	18.6	32.6	15.6	20.8	11.5	11.2	24.2	24.6	27.5	36.7	31.0	28.2
6	19.0	32.2	15.8	19.8	11.5	09.8	22.8	23.0	26.9	36.2	30.5	27.9
7	18.8	33.8	15.6	20.0	11.4	09.1	23.2	23.1	26.7	36.0	30.8	27.5
8	20.0	33.2	16.8	19.4	12.4	08.5	23.0	23.2	26.5	35.8	30.5	27.4
9	18.0	31.4	15.0	20.2	10.9	10.9	23.0	23.4	26.6	36.0	30.8	27.5
10	15.6	31.0	13.8	19.4	12.3	09.8	22.4	23.0	26.4	35.0	30.1	27.5
11	16.0	31.4	14.6	21.4	11.6	13.0	23.0	23.2	26.3	36.5	30.5	27.4
12	18.2	31.8	17.0	19.6	13.8	09.7	23.8	23.5	26.5	36.5	31.0	27.5
13	19.0	30.6	16.6	19.2	12.7	09.7	24.0	24.2	26.7	35.6	30.5	27.4
14	24.4	32.2	15.8	20.4	08.3	10.8	25.0	24.5	27.0	36.5	31.4	28.0
15	19.8	33.0	16.4	18.4	11.9	07.9	23.5	23.7	26.8	36.6	31.1	28.1
16	20.6	33.2	17.0	19.6	12.4	08.9	23.9	24.0	26.9	36.0	31.0	27.8
17	20.0	32.8	16.8	20.8	12.4	11.1	24.4	24.0	26.8	35.8	31.3	27.9
18	20.4	30.4	17.8	19.4	13.7	10.2	23.8	24.0	26.7	35.4	30.8	27.5
19	16.2	29.8	14.4	19.4	11.2	10.6	23.0	23.2	26.8	35.0	30.1	27.4
20	16.4	30.8	14.0	20.2	10.5	11.3	22.5	22.8	26.1	36.1	30.5	26.9
21	17.4	32.0	16.0	20.2	12.8	10.5	22.0	22.3	25.9	35.9	30.0	26.6
22	15.4	31.4	13.8	18.4	10.9	08.0	22.3	22.7	25.9	35.5	29.8	26.5
23	16.4	31.0	16.0	18.2	13.4	07.8	21.9	22.3	25.6	35.0	30.1	26.5
24	17.0	30.0	15.4	19.8	12.1	11.1	21.9	22.0	25.4	34.8	29.3	21.6
25	19.0	31.4	17.4	17.6	13.9	06.7	22.6	22.8	25.7	35.2	30.1	26.4
26	15.2	29.6	10.6	16.6	06.7	06.8	21.9	21.4	25.6	35.0	29.9	26.4
27	14.8	31.0	12.0	18.4	08.9	08.3	20.6	21.2	24.9	35.1	29.8	26.0
28	17.6	32.6	14.8	19.2	10.9	08.5	21.5	22.3	25.3	35.6	29.7	26.1
29	15.8	32.6	13.6	19.8	10.4	09.5	21.5	21.8	25.0	35.4	29.3	26.0
30	15.0	32.8	13.0	20.4	10.0	10.4	21.4	21.9	25.1	35.0	29.3	25.9
31	15.0	32.0	13.4	19.0	10.6	08.5	21.9	22.5	25.5	34.2	29.0	26.5
Total	557	988	475	608	361	303	712	718	816	1106	946	838
Mean	18.0	31.9	15.3	19.6	11.6	9.8	23.0	23.1	26.3	35.7	30.5	27.0
S.D.	2.3	1.1	1.7	1.1	1.7	1.6	1.1	1.0	0.7	0.6	0.9	1.2
C.V.%	12.7	3.6	11.3	5.6	14.4	16.6	4.9	4.2	2.8	1.8	3.0	4.6
Highest	24.4	33.8	18.4	22.0	13.9	14.1	25.0	24.8	27.6	36.7	33.4	28.4
Lowest	14.8	29.6	10.6	16.6	6.7	6.7	20.6	21.2	24.9	34.2	29.0	21.6

APPENDIX - 2

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

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

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