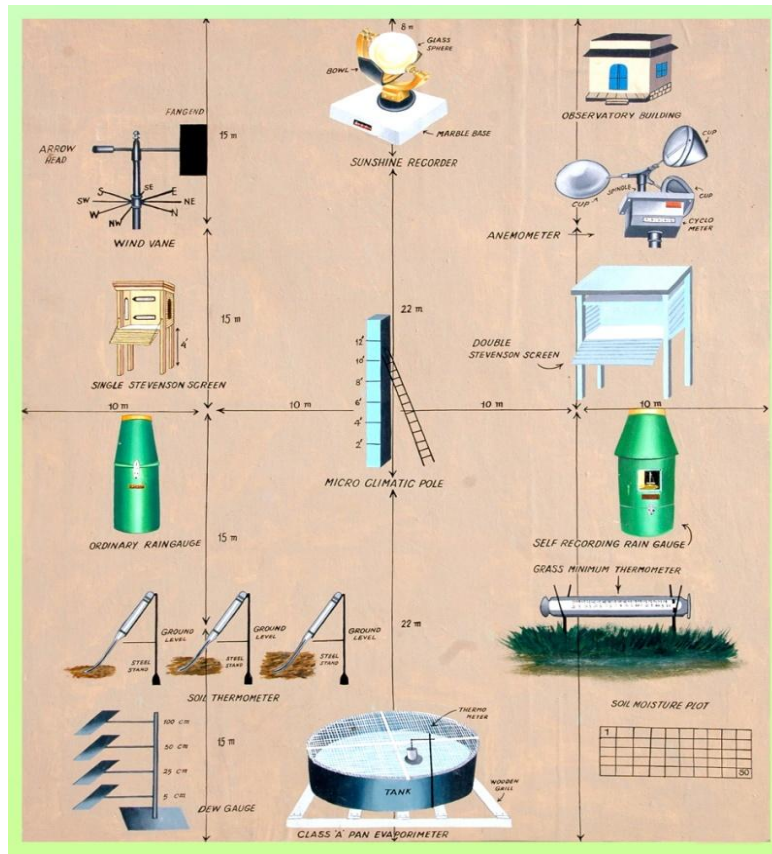# Annual Weather Report - 2018

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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 34 years (1985-2018) 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 2018 to 31st December 2018 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 month wise hot days, cloudy days, rainy days for the last 34 years (1985-2018) and cold days for last 33 years (1985-86 to 2017-18) are presented in this report.

- A **hot day** is a day with maximum temperature 40 ^{o}C or more than 40 ^{o}C.
- A **cold day** is a day with minimum temperature 10 ^{o}C or less than 10 ^{o}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 790.6 mm was received in 32 rainy days. Whereas, monsoon rainfall of 789.4 mm was received in 32 rainy days during the year 2018. The rain commenced from 17th June at normal onset of monsoon and withdrew from 21th September.

2. Maximum temperature

The highest maximum temperature of 43.9 ^{0}C was recorded on 18thMay-2018.

3. Minimum Temperature

The lowest minimum temperature of 6.5 ^{0}C was recorded on 29th December - 2018.

Summary of weather parameter during 2018

Annual rainfall (rainy days)	:	790.6 (32)
Seasonal rainfall (rainy days)	:	789.4 (32)
Onset of monsoon	:	17th June, 2018
Withdrawal of monsoon	:	21th September, 2018
Maximum temperature	:	43.9 ^{0}C (18/05/2018)
Minimum temperature	:	6.5 ^{0}C (29/12/2018)
Wind speed	:	6.0 km/h
Evaporation	:	6.0 mm/day
Bright sunshine	:	6.4 hr/day

TABLE-1 DAILY RAINFALL (mm) AT JUNAGADH -YEAR-2018

Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1							001.2		004.1			
2							000.5		011.7			
3							009.4	003.6	025.2			
4							012.4	000.4	002.2			
5							001.3					
6							000.3					
7		001.2										
8												
9												
10							005.6	002.0	001.0			
11							007.3	001.0	001.1			
12							030.4	005.8				
13							145.5	003.0				
14							055.2	000.8				
15							203.8					
16						000.7	013.4					
17						001.8	051.8	000.5				
18							073.4	002.6	003.1			
19							018.6	003.1				
20							001.6	007.2				
21							003.5	001.7	003.1			
22							004.4	000.5				
23								013.6				
24							001.6	011.3				
25						002.6	000.2	010.5				
26								005.5				
27						001.8		011.2				
28												
29						000.5						
30							000.5					
31								004.3				
Total	0.0	1.2	0.0	0.0	0.0	7.4	641.9	88.6	51.5	0.0	0.0	0.0
R. Days	0	0	0	0	0	1	14	12	5	0	0	0
Grand Total : 790.6					**Rainy Days: 32**							
< 2.5	0	1	0	0	0	4	8	7	3	0	0	0
2.5 - 10	0	0	0	0	0	1	5	8	3	0	0	0
10.- 30	0	0	0	0	0	0	3	4	2	0	0	0
30-60	0	0	0	0	0	0	3	0	0	0	0	0
>60	0	0	0	0	0	0	3	0	0	0	0	0
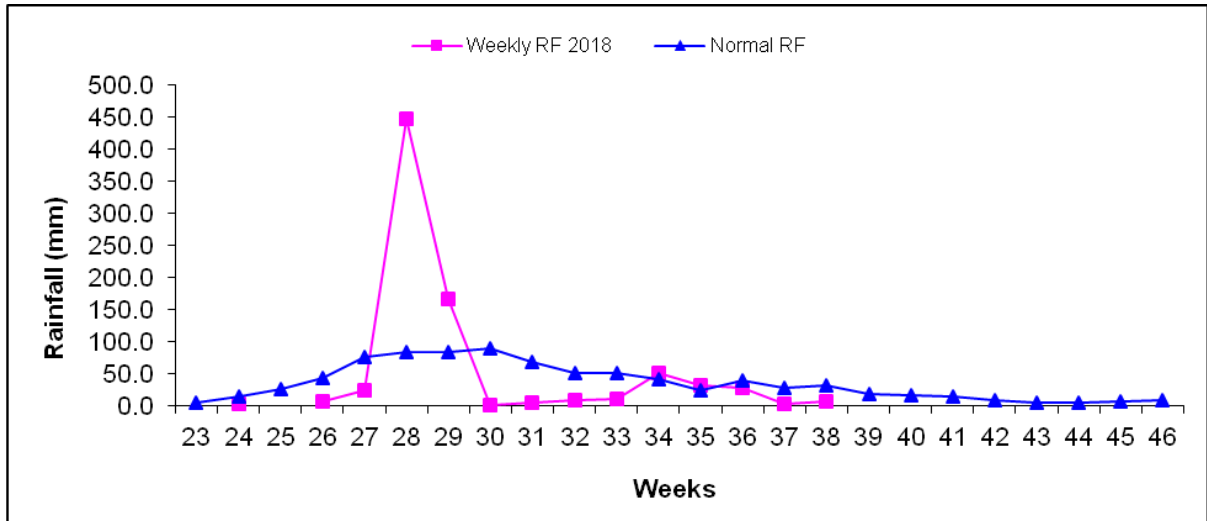
Fig. 1:- Weekly rainfall pattern-2018
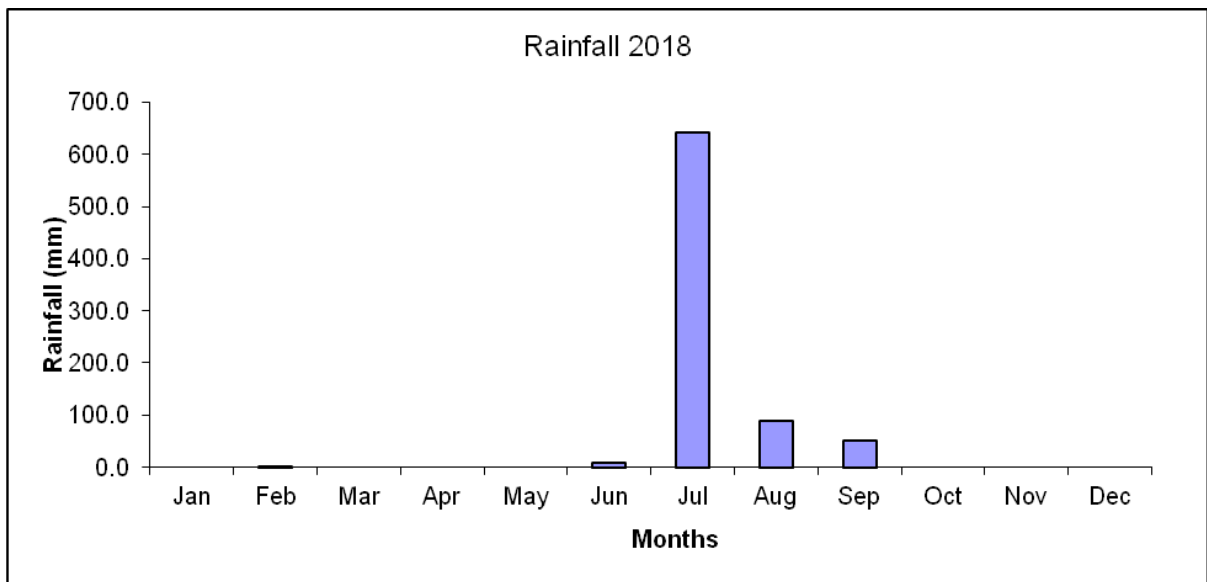
Fig. 2:- Monthly rainfall pattern-2018

TABLE-2(A) WEEKLY MEAN WEATHER DATA- I DURING 2018

Week No.	Temp. ºC Max	Temp. ºC Min	R.H.% I	R.H.% II	W.S. (kmph)	BSS (hrs)	Evapo. (mm)	Total rainfall (mm)	Rainy Days
1-J	28.3	10.5	74	27	3.1	8.9	4.0		
2	29.8	15.0	70	33	3.2	4.3	3.9		
3	32.1	15.6	74	32	3.3	8.6	4.4		
4	29.0	12.0	72	25	3.7	8.9	4.4		
5	32.0	13.5	70	23	3.7	9.0	4.5		
6-F	30.3	14.8	68	29	3.2	7.2	4.5	1.2	
7	32.2	16.7	56	20	4.4	8.9	5.9		
8	35.4	17.1	62	22	3.7	8.7	6.2		
9	37.3	20.3	47	20	5.0	8.5	7.7		
10-M	36.3	18.4	78	21	4.5	10.3	6.7		
11	36.7	20.3	60	16	5.7	10.4	8.3		
12	36.2	20.4	60	21	5.8	9.7	9.0		
13	41.4	21.3	60	16	5.0	9.6	9.1		
14-A	40.1	22.2	76	21	5.1	9.7	9.2		
15	39.4	23.9	78	22	5.9	8.7	8.3		
16	40.8	24.9	67	17	6.0	10.8	10.3		
17	40.7	23.8	65	20	5.9	11.0	9.9		
18	39.7	26.1	83	26	8.4	10.2	9.6		
19-M	41.0	26.2	79	24	7.5	10.8	10.7		
20	42.0	27.0	82	25	7.3	8.5	14.7		
21	42.2	27.3	79	23	7.7	8.7	10.5		
22	39.5	28.1	82	45	10.8	5.8	9.8		
23-J	39.0	29.0	77	43	12.2	2.5	9.5		
24	36.4	28.2	85	53	16.2	0.2	8.5	2.5	
25	37.2	27.7	80	52	11.6	1.5	8.9		
26	35.1	27.6	82	52	10.9	0.7	5.3	6.1	1
27-J	34.3	26.6	88	63	10.8	0.7	5.1	23.9	2
28	30.0	25.5	95	87	6.5	0.0	2.3	447.8	6
29	27.8	25.1	98	93	6.9	0.0	0.2	166.7	6
30	30.2	26.1	90	76	12.0	0.1	2.8	1.8	
31	32.1	26.1	88	63	13.0	0.2	4.3	4.5	1
32-A	31.5	25.4	87	72	12.3	0.2	4.1	8.8	1
33	30.1	25.1	91	76	7.8	0.1	2.4	10.0	3
34	29.0	24.2	94	84	7.4	0.4	1.9	50.3	5
35	29.5	24.0	92	78	5.9	0.1	1.8	31.3	4
36-S	30.1	23.4	89	66	06.4	3.3	3.2	27.4	1
37	31.3	23.6	87	59	5.9	5.3	4.1	2.1	
38	33.5	23.9	84	54	4.1	8.6	5.3	6.2	2
39	34.7	23.1	76	38	4.1	8.7	5.5		
40-O	37.4	22.9	76	32	2.5	9.9	5.8		
41	37.9	23.1	66	29	2.8	8.5	5.9		
42	36.7	21.1	74	28	2.7	9.3	5.0		
43	37.5	20.2	64	22	2.8	9.9	5.6		
44	37.0	19.8	60	23	2.6	9.4	5.3		
45-N	36.7	18.0	68	22	2.6	9.4	5.3		
46	35.4	18.7	75	27	2.9	9.2	4.7		
47	35.9	18.0	67	21	2.9	8.7	5.1		
48	34.0	16.6	67	30	2.4	5.4	4.4		
49-D	32.1	15.4	80	28	2.4	3.5	3.5		
50	29.5	17.0	63	31	5.6	5.0	5.2		
51	30.0	10.8	67	25	3.5	6.5	4.7		
52	29.5	11.0	55	22	4.1	6.6	4.6		
Mean	34.7	21.4	75	38	6.0	6.4	6.0	790.6	32
S.D.	4.2	5.1	12	22	3.3	3.8	2.8	117.0	2.0
C.V.%	12.1	23.6	15	57	55.6	60.4	47.4	14.8	6.3
Highest	42.2	29.0	98	93	16.2	11.0	14.7	447.8	6.0
Lowest	27.8	10.5	47	16	2.4	0.0	0.2	1.2	1.0

TABLE-2(B) WEEKLY MEAN WEATHER DATA- II DURING 2018

Week No.	D.B. (°C) I	D.B. (°C) II	W.B. (°C) I	W.B. (°C) II	Soil Temperature (°C) 5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1-J	12.7	27.8	10.4	16.7	19.9	20.8	24.1	34.8	27.6	24.9
2	17.1	30.5	14.0	19.8	22.3	22.6	24.9	34.7	28.2	28.3
3	17.7	70.1	15.1	19.9	23.7	24.0	26.8	38.1	30.6	28.1
4	14.1	28.6	11.5	16.9	21.0	22.1	24.6	36.4	28.7	26.3
5	16.6	31.9	13.5	18.8	22.3	23.1	26.0	36.8	29.8	26.8
6-F	16.9	29.2	14.0	18.0	22.6	23.3	26.1	35.8	29.6	27.0
7	19.2	32.4	14.2	18.3	24.3	24.8	27.5	40.2	32.2	28.7
8	20.5	35.3	16.2	20.7	25.8	26.4	29.3	42.2	34.0	30.3
9	23.8	37.0	16.9	21.2	28.1	28.3	31.2	43.6	35.6	32.0
10-M	21.5	36.0	18.9	21.0	27.3	27.8	31.2	45.0	36.7	32.3
11	23.0	36.1	18.1	19.7	27.7	28.0	31.5	44.5	36.6	32.5
12	24.5	36.4	19.1	21.2	28.6	29.1	32.3	46.0	37.6	33.4
13	26.5	40.6	20.9	22.2	30.7	30.9	34.0	44.4	39.9	35.2
14-A	25.5	39.2	22.5	23.0	31.4	31.3	34.3	47.9	39.5	35.3
15	26.6	39.5	24.4	23.3	31.5	31.8	34.6	46.8	39.5	35.6
16	28.1	39.9	23.5	22.3	32.5	32.8	35.1	46.6	39.8	36.5
17	27.9	40.1	22.9	23.1	32.6	33.4	35.1	47.6	40.2	36.9
18	28.2	39.4	25.9	24.4	34.1	34.2	36.5	47.4	40.6	37.6
19-M	28.5	40.5	25.6	24.6	34.0	34.2	37.2	48.2	41.3	37.8
20	29.0	41.2	26.7	25.4	34.8	34.9	37.5	47.9	41.7	38.4
21	29.3	41.6	26.5	25.2	34.9	35.0	37.6	48.0	42.1	38.7
22	30.0	38.1	27.6	28.1	35.0	35.1	37.9	47.7	41.4	38.4
23-J	30.8	38.0	27.6	27.5	35.0	35.1	37.4	45.9	40.0	38.0
24	30.1	35.6	27.4	27.8	34.3	34.3	36.0	43.3	37.9	36.5
25	29.6	34.8	26.9	26.8	34.2	34.1	36.0	43.7	38.3	36.5
26	29.3	34.7	26.8	26.7	33.4	32.4	34.3	40.4	36.2	34.8
27-J	28.2	32.8	26.6	26.8	31.5	30.5	33.0	37.2	34.1	33.6
28	27.0	28.5	26.3	26.7	29.4	28.4	30.0	31.1	29.3	29.8
29	26.2	27.2	25.9	26.3	27.9	26.2	27.5	29.6	27.5	27.7
30	27.1	29.6	25.8	26.2	28.5	27.0	28.0	31.6	28.9	28.4
31	27.3	31.2	25.8	25.8	29.8	28.5	30.3	37.0	32.8	30.8
32-A	26.7	29.6	25.3	25.7	30.3	28.3	30.3	36.7	31.6	30.8
33	26.4	29.0	25.3	25.5	28.9	27.4	29.3	32.4	29.7	29.5
34	25.4	27.3	24.7	25.3	28.1	26.7	28.4	30.9	28.6	28.5
35	25.3	27.8	24.5	24.9	27.6	26.4	28.1	31.1	28.8	28.5
36-S	25.4	29.5	24.1	24.7	27.2	26.1	27.8	33.0	29.6	28.6
37	25.9	31.1	24.3	25.0	28.2	26.7	28.7	37.3	32.5	29.7
38	26.5	32.9	24.5	25.7	29.8	28.8	31.2	41.1	36.5	32.6
39	26.1	34.8	22.9	24.0	30.4	29.7	32.8	43.8	38.3	34.2
40-O	27.3	37.3	22.9	24.5	32.0	31.4	34.5	44.7	39.7	35.7
41	26.9	37.1	22.3	23.7	32.3	31.9	35.0	43.8	39.0	35.7
42	25.3	36.4	22.1	22.9	30.9	30.9	34.1	43.4	38.1	35.0
43	25.0	36.9	20.4	22.3	30.0	30.2	33.4	43.4	37.5	34.2
44	24.1	36.4	19.2	21.7	29.6	29.8	33.1	43.0	36.6	33.8
45-N	23.1	35.7	19.3	20.9	28.8	28.9	32.4	42.0	35.8	33.4
46	22.2	35.1	19.4	21.7	28.1	28.4	31.5	40.8	34.5	32.1
47	22.2	35.2	18.3	20.5	27.7	28.0	30.8	41.0	34.6	32.4
48	20.1	32.8	16.5	20.9	25.9	26.1	29.8	38.0	32.6	30.3
49-D	17.8	31.6	15.3	19.7	24.4	24.5	28.3	36.1	30.7	28.9
50	19.6	28.5	15.5	18.0	25.0	24.8	27.8	35.1	29.7	28.2
51	13.9	29.8	10.8	17.7	21.2	21.8	26.2	35.2	29.1	26.6
52	14.7	29.0	10.5	18.0	20.6	21.0	25.2	34.0	28.2	25.8
Mean	24.1	34.8	21.1	22.8	28.8	28.6	31.3	40.3	34.6	32.2
S.D.	4.8	5.2	6.5	3.2	4.1	4.0	3.9	5.5	4.6	3.9
C.V.%	19.8	14.9	31.1	13.8	14.4	14.0	12.4	13.6	13.3	12.1
Highest	30.8	70.1	70.1	28.1	35.0	35.1	37.9	48.2	42.1	38.7
Lowest	12.7	27.2	10.4	16.7	19.9	20.8	24.1	29.6	27.5	24.9

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

Week No	Temperature ^{0}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-2018

Month	Temperature °C			RH %			W.S.	BSS	Evapo.	Total Rainfall	Total Rainy
	Max	Min	Mean	I	II	Mean	Km/h	hrs.	mm	mm	days
Jan	30.0	13.2	**21.6**	73	28	**51**	3.3	7.8	4.2	0.0	00
Feb	33.0	16.2	**24.6**	62	23	**43**	3.9	8.4	5.5	1.2	00
March	37.6	20.2	**28.9**	91	19	**55**	5.3	9.8	8.2	0.0	00
April	40.3	23.7	**32.0**	73	20	**47**	5.8	10.1	9.5	0.0	00
May	41.1	26.9	**34.0**	81	27	**54**	8.2	9.1	11.3	0.0	00
June	37.1	28.1	**32.6**	80	49	**65**	12.5	1.6	8.2	7.4	01
July	30.7	25.8	**28.3**	92	78	**85**	9.3	0.3	2.9	641.9	14
August	30.5	25.0	**27.7**	90	75	**83**	9.3	0.2	2.9	88.6	12
Sept.	32.1	23.5	**27.8**	85	57	**71**	5.2	6.0	4.3	51.5	05
October	37.4	21.5	**29.5**	67	27	**47**	2.7	9.4	5.5	0.0	00
Nov.	35.8	18.4	**27.1**	68	25	**47**	2.7	8.5	5.0	0.0	00
Dec.	30.5	13.5	**22.0**	67	27	**47**	3.7	5.5	4.4	0.0	00
Total	416.0	256.1	336.1	929.0	455.4	692.2	71.9	76.7	72.0	790.6	32.0
Mean	34.7	21.3	28.0	77	38	58	6.0	6.4	6.0	65.9	8.0
S.D.	4.0	5.1	3.9	10.5	21.3	14.7	3.1	3.7	2.7	183.5	6.1
C.V.%	11.6	23.8	13.9	13.6	56.1	25.4	52.3	58.0	44.8	278.6	75.7
Highest	41.1	28.1	34.0	92	78	85.0	12.5	10.1	11.3	641.9	14.0
Lowest	30.0	13.2	21.6	62	19	42.5	2.7	0.2	2.9	0.0	1.0

TABLE-3(B) MONTHLY MEAN WEATHER DATA-2018

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	15.2	38.6	12.6	18.4	21.7	22.3	25.1	36.2	28.9	26.9
Feb	19.2	32.7	15.0	19.2	24.4	25.0	27.8	39.3	32.0	28.8
March	24.0	37.1	18.9	21.0	28.5	28.8	32.1	57.6	37.3	33.1
April	27.0	39.6	23.4	23.0	32.1	32.3	34.8	47.3	39.8	36.1
May	28.9	40.5	26.4	25.3	34.6	34.7	37.3	47.9	41.5	38.2
June	30.0	36.0	27.2	27.3	34.3	34.1	36.1	43.8	38.4	36.7
July	27.2	29.8	26.2	26.5	29.5	28.2	29.8	33.1	30.4	30.1
August	26.3	29.0	25.1	25.5	29.0	27.5	29.4	33.5	30.2	29.7
Sept.	25.9	31.7	24.0	24.8	28.8	27.7	29.9	38.2	33.9	31.1
October	25.9	36.9	21.6	23.1	31.1	31.0	34.2	43.8	38.4	35.0
Nov.	22.5	35.2	18.8	21.3	28.1	28.3	31.5	41.0	34.8	32.4
Dec.	16.6	29.8	13.2	18.5	22.9	23.1	27.0	35.2	29.5	27.5
Total	288.5	417.0	252.2	273.8	344.9	343.1	375.0	496.9	415.1	385.5
Mean	24.0	34.8	21.0	22.8	28.7	28.6	31.2	41.4	34.6	32.1
S.D.	4.8	4.0	5.3	3.1	4.1	4.0	3.8	7.1	4.4	3.8
C.V.%	19.8	11.6	25.0	13.7	14.3	13.8	12.1	17.3	12.7	11.7
Highest	30.0	40.5	27.2	27.3	34.6	34.7	37.3	57.6	41.5	38.2
Lowest	15.2	29.0	12.6	18.4	21.7	22.3	25.1	33.1	28.9	26.9

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TABLE-4 SEASONAL WEATHER CONDITION DURING - 2018

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 2017-18															
49-Dec	27.0	17.9	24.2	24.1	26.2	31.5	27.4	26.7	2.5	0.0	73	63	4.8	1.5	2.8
50	27.9	14.6	22.0	22.5	25.1	35.6	29.1	26.5	0.0	0.0	72	38	4.4	7.2	3.6
51	29.9	15.8	23.0	23.2	25.4	33.7	28.3	26.3	0.0	0.0	67	32	3.4	3.0	3.4
52	30.0	10.0	20.5	21.4	24.4	35.0	28.1	25.0	0.0	0.0	68	23	6.4	9.2	5.5
1-J	28.3	10.5	19.9	20.8	24.1	34.8	27.6	24.9	0.0	0.0	74	27	3.1	8.9	4.0
2	29.8	15.0	22.3	22.6	24.9	34.7	28.2	28.3	0.0	0.0	70	33	3.2	4.3	3.9
3	32.1	15.6	23.7	24.0	26.8	38.1	30.6	28.1	0.0	0.0	74	32	3.3	8.6	4.4
4	29.0	12.0	21.0	22.1	24.6	36.4	28.7	26.3	0.0	0.0	72	25	3.7	8.9	4.4
5	32.0	13.5	22.3	23.1	26.0	36.8	29.8	26.8	0.0	0.0	70	23	3.7	9.0	4.5
6-F	30.3	14.8	22.6	23.3	26.1	35.8	29.6	27.0	1.2	0.0	68	29	3.2	7.2	4.5
7	32.2	16.7	24.3	24.8	27.5	40.2	32.2	28.7	0.0	0.0	56	20	4.4	8.9	5.9
8	35.4	17.1	25.8	26.4	29.3	42.2	34.0	30.3	0.0	0.0	62	22	3.7	8.7	6.2
9	37.3	20.3	28.1	28.3	31.2	43.6	35.6	32.0	0.0	0.0	47	20	5.0	8.5	7.7
Total	401.3	193.9	299.7	306.6	341.5	478.4	389.2	356.9	3.7	0.0	872.9	386.0	52.2	94.0	60.7
Mean	30.9	14.9	23.1	23.6	26.3	36.8	29.9	27.5	4.9	0.0	67	30	4.0	7.2	4.7
SD	3.0	2.9	2.2	2.0	2.1	3.4	2.5	2.0	9.8	0.0	7.8	11.5	0.9	2.6	1.3
CV	9.6	19.5	9.7	8.6	7.8	9.3	8.5	7.3	19.6	0.0	11.6	38.6	23.6	35.7	28.5
(B) SUMMER SEASON 2018															
10-M	36.3	18.4	27.3	27.8	31.2	45.0	36.7	32.3	0.0	0.0	78	21	4.5	10.3	6.7
11	36.7	20.3	27.7	28.0	31.5	44.5	36.6	32.5	0.0	0.0	60	16	5.7	10.4	8.3
12	36.2	20.4	28.6	29.1	32.3	46.0	37.6	33.4	0.0	0.0	60	21	5.8	9.7	9.0
13	41.4	21.3	30.7	30.9	34.0	44.4	39.9	35.2	0.0	0.0	60	16	5.0	9.6	9.1
14-A	40.1	22.2	31.4	31.3	34.3	47.9	39.5	35.3	0.0	0.0	76	21	5.1	9.7	9.2
15	39.4	23.9	31.5	31.8	34.6	46.8	39.5	35.6	0.0	0.0	78	22	5.9	8.7	8.3
16	40.8	24.9	32.5	32.8	35.1	46.6	39.8	36.5	0.0	0.0	67	17	6.0	10.8	10.3
17	40.7	23.8	32.6	33.4	35.1	47.6	40.2	36.9	0.0	0.0	65	20	5.9	11.0	9.9
18	39.7	26.1	34.1	34.2	36.5	47.4	40.6	37.6	0.0	0.0	83	26	8.4	10.2	9.6
19-M	41.0	26.2	34.0	34.2	37.2	48.2	41.3	37.8	0.0	0.0	79	24	7.5	10.8	10.7
20	42.0	27.0	34.8	34.9	37.5	47.9	41.7	38.4	0.0	0.0	82	25	7.3	8.5	14.7
21	42.2	27.3	34.9	35.0	37.6	48.0	42.1	38.7	0.0	0.0	79	23	7.7	8.7	10.5
22	39.5	28.1	35.0	35.1	37.9	47.7	41.4	38.4	2.6	1.0	82	45	10.8	5.8	9.8
Total	516.0	310.0	415.2	418.4	454.7	608.1	516.7	468.7	2.6	1.0	950.9	296.7	85.6	124.2	126.3
Mean	39.7	23.8	31.9	32.2	35.0	46.8	39.7	36.1	0.2	0.1	73	23	6.6	9.6	9.7
SD	2.1	3.1	2.7	2.6	2.3	1.4	1.8	2.2	0.7	0.3	9.1	7.3	1.7	1.4	1.9
CV	5.2	12.9	8.5	8.2	6.6	2.9	4.6	6.2	360.6	360.6	12.4	32.1	25.9	14.7	19.2

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 2018															
23-J	39.0	29.0	35.0	35.1	37.4	45.9	40.0	38.0	0.0	0.0	77	43	12.2	2.5	9.5
24	36.4	28.2	34.3	34.3	36.0	43.3	37.9	36.5	2.5	0.0	85	53	16.2	0.2	8.5
25	37.2	27.7	34.2	34.1	36.0	43.7	38.3	36.5	0.0	0.0	80	52	11.6	1.5	8.9
26	35.1	27.6	33.4	32.4	34.3	40.4	36.2	34.8	6.1	1.0	82	52	10.9	0.7	5.3
27-J	34.3	26.6	31.5	30.5	33.0	37.2	34.1	33.6	23.9	2.0	88	63	10.8	0.7	5.1
28	30.0	25.5	29.4	28.4	30.0	31.1	29.3	29.8	447.8	6.0	95	87	6.5	0.0	2.3
29	27.8	25.1	27.9	26.2	27.5	29.6	27.5	27.7	166.7	6.0	98	93	6.9	0.0	0.2
30	30.2	26.1	28.5	27.0	28.0	31.6	28.9	28.4	1.8	0.0	90	76	12.0	0.1	2.8
31	32.1	26.1	29.8	28.5	30.3	37.0	32.8	30.8	4.5	1.0	88	63	13.0	0.2	4.3
32-A	31.5	25.4	30.3	28.3	30.3	36.7	31.6	30.8	8.8	1.0	87	72	12.3	0.2	4.1
33	30.1	25.1	28.9	27.4	29.3	32.4	29.7	29.5	10.0	3.0	91	76	7.8	0.1	2.4
34	29.0	24.2	28.1	26.7	28.4	30.9	28.6	28.5	50.3	5.0	94	84	7.4	0.4	1.9
35	29.5	24.0	27.6	26.4	28.1	31.1	28.8	28.5	31.3	4.0	92	78	5.9	0.1	1.8
36-S	30.1	23.4	27.2	26.1	27.8	33.0	29.6	28.6	27.4	1.0	89	66	06.4	3.3	3.2
37	31.3	23.6	28.2	26.7	28.7	37.3	32.5	29.7	2.1	0.0	87	59	5.9	5.3	4.1
38	33.5	23.9	29.8	28.8	31.2	41.1	36.5	32.6	6.2	2.0	84	54	4.1	8.6	5.3
39	34.7	23.1	30.4	29.7	32.8	43.8	38.3	34.2	0.0	0.0	76	38	4.1	8.7	5.5
Total	551.7	434.4	514.7	496.8	529.0	626.0	560.7	538.7	789.4	32.0	1482.3	1109.3	154.0	32.7	75.2
Mean	32.5	25.6	30.3	29.2	31.1	36.8	33.0	31.7	46.4	1.9	87	65	9.1	1.9	4.4
SD	3.2	1.8	2.5	3.0	3.2	5.4	4.1	3.3	110.9	2.1	6.0	15.7	3.5	2.9	2.6
CV	9.8	7.0	8.3	10.3	10.3	14.7	12.6	10.5	238.8	114.1	6.9	24.0	39.1	151.3	59.1
(D) POST MONSOON SEASON 2018															
40-O	37.4	22.9	32.0	31.4	34.5	44.7	39.7	35.7	0.0	0.0	76	32	2.5	9.9	5.8
41	37.9	23.1	32.3	31.9	35.0	43.8	39.0	35.7	0.0	0.0	66	29	2.8	8.5	5.9
42	36.7	21.1	30.9	30.9	34.1	43.4	38.1	35.0	0.0	0.0	74	28	2.7	9.3	5.0
43	37.5	20.2	30.0	30.2	33.4	43.4	37.5	34.2	0.0	0.0	64	22	2.8	9.9	5.6
44	37.0	19.8	29.6	29.8	33.1	43.0	36.6	33.8	0.0	0.0	60	23	2.6	9.4	5.3
45-N	36.7	18.0	28.8	28.9	32.4	42.0	35.8	33.4	0.0	0.0	68	22	2.6	9.4	5.3
46	35.4	18.7	28.1	28.4	31.5	40.8	34.5	32.1	0.0	0.0	75	27	2.9	9.2	4.7
47	35.9	18.0	27.7	28.0	30.8	41.0	34.6	32.4	0.0	0.0	67	21	2.9	8.7	5.1
48	34.0	16.6	25.9	26.1	29.8	38.0	32.6	30.3	0.0	0.0	67	30	2.4	5.4	4.4
Total	328.5	178.6	265.4	265.8	294.5	380.0	328.2	302.6	0.0	0.0	618.6	234.3	24.3	79.8	47.1
Mean	36.5	19.8	29.5	29.5	32.7	42.2	36.5	33.6	0.0	0.0	69	26	2.7	8.9	5.2
S.D.	1.2	2.2	2.1	1.8	1.8	2.1	2.3	1.8	0.0	0.0	5.5	4.0	0.2	1.4	0.5
C.V.%	3.4	11.3	7.1	6.3	5.4	4.9	6.4	5.3	0.0	0.0	8.0	15.2	5.7	15.6	9.2

TABLE-5:- FREQUENCY OF CLOUDY DAYS, RAINY DAYS AND AMOUNT OF RAINFALL AT JUNAGADH (1985-2018)

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	280.3	355.6	274.1	972
2017	6	27	19	9	61	10	18	10	4	42	147.8	330.5	282.6	43.5	804.4
2018	6	27	19	9	61	10	18	10	4	42	147.8	330.5	282.6	43.5	804.4
Mean	7	27	25	6	65	1	14	12	5	32	7.4	641.9	88.6	51.6	789.5
SD	8.2	22.3	20.1	6.2	56.5	5.4	13.3	11.4	6.1	36.2	159.3	342.6	201.9	153.9	859.7
CV	4.8	5.9	6.1	4.2	16.2	3.3	5.9	5.1	3.6	11.5	140.2	227.6	164.7	138.8	354.6

Table-6 Number of HOT DAYS (≥ 40°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
2017	5	11	19	35
2018	6	20	25	51
Total	**122**	**389**	**360**	**871**
Mean	**3.59**	**11.44**	**10.59**	**25.62**
SD	**3.58**	**5.38**	**6.39**	**9.78**
CV %	**100**	**47**	**60**	**38**

Table-7 Number of COLD DAYS ($\leq 10^{o}$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	5	18	2	25
2016-17	0	8	3	11
2017-18	2	4	1	7
Total	**191**	**317**	**94**	**602**
Mean	**5.8**	**9.6**	**2.8**	**18.2**
SD	**4.8**	**4.8**	**2.8**	**9.4**
CV %	**83**	**50**	**99**	**51**

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Table-8 Mean minimum and lowest minimum temperature (^oC) 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
2016-17	13.4	10.1	27	11.9	5.6	12	15.2	7.2	7
2017-18	14.8	9.6	28	13.2	8.5	2	16.2	9.8	9

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
2017	36.7	42.2	29	39.3	44.6	14	40.5	43	6
2018	37.6	42.0	27	40.3	42.6	25	41.1	43.9	18

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**

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APPENDIX-1

DAILY WEATHER

DATA

JANUARY-2018

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	29.0	11.6	20.3	17.4	71	15	43	00	02	03.7	9.2	05.1	000.0
2	28.5	8.5	18.5	20.0	63	30	47	00	29	04.5	9.1	05.1	000.0
3	29.0	10.0	19.5	19.0	77	32	55	34	34	02.8	8.7	03.9	000.0
4	29.0	10.5	19.8	18.5	81	27	54	00	34	02.1	8.4	03.0	000.0
5	28.5	11.3	19.9	17.2	77	32	55	00	34	02.8	8.7	03.5	000.0
6	27.5	10.9	19.2	16.6	85	32	59	00	32	02.8	9.2	04.0	000.0
7	26.8	10.5	18.7	16.3	61	21	41	00	32	02.8	9.2	03.6	000.0
8	26.8	9.6	18.2	17.2	63	23	43	02	02	04.3	9.0	04.0	000.0
9	26.5	12.8	19.7	13.7	68	50	59	02	29	04.9	9.0	04.4	000.0
10	29.0	15.0	22.0	14.0	91	31	61	00	02	02.6	5.5	03.3	000.0
11	31.8	16.3	24.1	15.5	56	25	41	02	02	02.9	2.9	03.4	000.0
12	31.8	17.6	24.7	14.2	61	34	48	00	29	03.3	2.0	05.0	000.0
13	31.7	17.0	24.4	14.7	73	35	54	00	29	02.7	0.7	03.2	000.0
14	31.1	17.0	24.1	14.1	77	33	55	00	25	01.5	1.3	03.9	000.0
15	34.3	19.0	26.7	15.3	72	32	52	00	23	02.3	07.0	04.0	000.0
16	34.4	17.9	26.2	16.5	79	35	57	00	25	03.0	07.5	04.7	000.0
17	34.4	18.5	26.5	15.9	74	43	59	29	02	03.9	07.4	03.2	000.0
18	30.5	16.0	23.3	14.5	76	40	58	34	29	03.4	09.5	04.3	000.0
19	30.7	13.3	22.0	17.4	78	21	50	00	29	02.9	09.7	04.2	000.0
20	30.5	11.6	21.1	18.9	71	27	49	00	34	03.1	09.7	05.2	000.0
21	30.1	12.6	21.4	17.5	68	26	47	00	34	04.4	09.4	04.9	000.0
22	31.2	14.5	22.9	16.7	60	33	47	34	34	04.5	08.9	04.9	000.0
23	28.5	17.0	22.8	11.5	72	36	54	34	34	05.5	08.8	04.2	000.0
24	27.4	10.4	18.9	17.0	74	20	47	00	16	04.0	08.3	04.2	000.0
25	28.5	10.5	19.5	18.0	72	24	48	00	02	03.0	08.8	04.0	000.0
26	28.1	10.7	19.4	17.4	76	22	49	00	29	03.7	09.3	04.6	000.0
27	28.7	9.8	19.3	18.9	69	21	45	14	14	02.8	09.4	04.6	000.0
28	30.3	10.9	20.6	19.4	81	19	50	14	29	02.7	09.1	04.2	000.0
29	29.8	10.3	20.1	19.5	78	20	49	00	29	03.4	09.2	04.0	000.0
30	31.6	13.0	22.3	18.6	74	20	47	00	29	02.2	09.4	04.0	000.0
31	33.5	13.4	23.5	20.1	72	20	46	00	29	02.7	08.9	05.0	000.0
Total	930	408	669	522	2250	879	1565			101.2	243.2	129.6	0.0
Mean	30.0	13.2	21.6	16.8	73	28	51			3.3	7.8	4.2	0.0
S.D.	2.2	3.1	2.5	2.1	7.7	8.0	5.6			0.9	2.6	0.6	0.0
C.V.%	7.4	23.6	11.6	12.5	10.6	28.2	11.1			27.3	32.7	14.9	0.0
High.	34.4	19.0	26.7	20.1	91.0	50.0	61.0			5.5	9.7	5.2	0.0
Low.	26.5	8.5	18.2	11.5	56.0	15.0	40.5			1.5	0.7	3.0	0.0

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JANUARY-2018

Date	D.B. (ºC)		W.B. (ºC)		V.P. (mmHg)		Soil Temperature (ºC)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	14.0	28.4	11.4	14.8	08.5	04.4	20.9	21.9	24.7	34.9	28.2	25.4
2	10.6	28.6	7.6	17.8	06.0	08.7	18.8	20.2	23.9	35.3	27.5	24.7
3	12.4	29.0	10.4	18.6	08.3	09.8	19.7	20.5	24.1	35.5	27.7	25.0
4	11.6	28.4	10.0	17.2	08.3	07.9	19.9	20.7	23.9	34.9	27.6	24.9
5	12.8	27.4	10.8	17.4	08.5	08.9	20.3	21.1	24.1	34.8	27.5	24.8
6	12.2	26.4	11.0	16.6	09.1	08.3	20.0	20.7	23.9	34.1	27.4	24.8
7	15.6	26.6	11.8	14.8	08.1	05.5	19.5	20.4	23.8	34.3	27.5	24.9
8	14.2	26.4	10.8	15.0	07.7	05.9	19.0	20.4	23.5	32.9	26.8	42.0
9	14.8	28.4	11.8	21.2	08.5	14.4	20.3	21.2	23.0	35.4	27.2	24.5
10	15.6	31.4	14.8	20.0	12.1	10.6	22.0	22.5	24.7	36.1	28.3	25.4
11	19.0	32.0	14.2	19.2	09.3	08.9	22.5	22.9	25.0	36.8	28.0	25.9
12	19.2	31.2	15.0	20.6	10.3	11.8	24.0	23.5	25.9	31.8	27.6	26.5
13	18.0	30.4	15.2	20.2	11.2	11.5	23.9	23.6	26.0	31.5	28.6	26.5
14	18.8	34.0	16.4	22.4	12.6	13.2	24.4	24.0	26.5	38.5	30.6	27.5
15	21.0	34.2	17.8	22.2	13.4	12.7	25.3	25.0	27.4	39.2	31.5	28.5
16	19.0	33.0	16.8	22.0	13.0	13.1	24.9	25.0	27.8	39.0	31.6	28.6
17	20.4	29.4	17.6	20.8	13.4	13.2	24.8	24.1	27.2	37.6	31.0	28.4
18	20.0	30.6	17.4	21.2	13.3	13.1	24.3	24.6	26.1	38.7	31.0	28.3
19	15.4	304.0	13.4	17.2	10.3	06.7	22.6	23.1	26.9	38.4	30.9	28.0
20	13.4	28.8	10.8	17.4	08.2	08.0	21.4	22.8	26.2	36.4	29.4	27.1
21	14.4	30.4	11.6	18.4	08.4	08.3	22.3	23.1	26.1	37.5	29.1	28.1
22	19.4	28.4	15.0	18.2	10.1	09.5	23.3	24.0	26.2	36.2	29.1	27.0
23	18.8	27.4	15.8	18.0	11.7	09.8	22.4	23.0	26.0	35.8	28.7	26.5
24	12.0	28.4	9.8	15.8	07.8	05.8	20.3	21.7	25.3	36.1	28.8	26.1
25	12.4	28.0	10.0	16.4	07.8	07.0	20.4	22.0	25.2	36.6	28.0	26.0
26	11.8	28.6	9.8	16.4	07.8	06.6	20.4	21.5	23.0	36.6	28.5	26.1
27	11.8	30.0	9.2	17.0	07.2	06.6	20.0	20.9	21.0	36.8	28.6	26.0
28	12.4	29.4	10.8	16.2	08.7	11.5	20.3	21.8	25.3	36.5	29.2	26.3
29	11.4	31.4	9.6	17.8	07.8	07.0	20.0	21.5	24.9	37.6	29.3	26.0
30	14.4	33.4	12.0	19.0	09.1	07.7	21.5	22.3	25.0	38.1	29.6	26.2
31	15.0	34.0	12.4	19.4	09.2	08.0	21.9	22.8	25.7	38.3	30.2	26.5
Total	472	1198	391	569	296	284	671	693	778	1122	895	833
Mean	15.2	38.6	12.6	18.4	9.5	9.2	21.7	22.3	25.1	36.2	28.9	26.9
S.D.	3.2	49.3	2.8	2.2	2.1	2.7	1.9	1.4	1.5	2.0	1.4	3.1
C.V.%	21.0	127.6	22.6	12.0	21.6	29.5	8.9	6.4	5.9	5.4	4.7	11.4
Highest	21.0	304.0	17.8	22.4	13.4	14.4	25.3	25.0	27.8	39.2	31.6	42.0
Lowest	10.6	26.4	7.6	14.8	6.0	4.4	18.8	20.2	21.0	31.5	26.8	24.5

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Date	Temperature (ºC)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(kmph)	(hrs)	(mm)	(mm)
1	34.5	14.6	24.6	19.9	70	26	48	16	34	03.4	08.9	04.6	000.0
2	31.8	16.0	23.9	15.8	72	27	50	34	34	05.1	08.8	05.0	000.0
3	31.5	13.5	22.5	18.0	61	28	45	32	34	04.4	08.9	05.1	000.0
4	31.4	13.8	22.6	17.6	62	22	42	00	34	04.9	08.6	04.0	000.0
5	31.9	15.5	23.7	16.4	68	29	49	29	34	03.3	08.5	04.7	000.0
6	31.6	19.4	25.5	12.2	54	36	45	34	34	04.1	03.6	04.8	000.0
7	26.6	15.2	20.9	11.4	58	21	40	05	34	04.1	00.0	02.8	001.2
8	31.0	11.9	21.5	19.1	71	19	45	14	34	03.2	09.1	04.3	000.0
9	31.0	9.8	20.4	21.2	71	28	50	00	34	02.3	09.6	05.0	000.0
10	29.8	16.0	22.9	13.8	72	38	55	34	23	02.3	09.8	04.4	000.0
11	30.4	16.1	23.3	14.3	79	30	55	02	34	03.4	09.9	05.2	000.0
12	29.4	16.0	22.7	13.4	82	21	52	00	34	04.9	06.5	04.8	000.0
13	28.9	18.1	23.5	10.8	62	20	41	34	02	04.5	09.3	04.0	000.0
14	30.8	19.2	25.0	11.6	30	21	26	07	07	06.3	09.3	06.4	000.0
15	33.0	18.0	25.5	15.0	48	23	36	00	09	05.2	08.0	08.4	000.0
16	35.5	16.5	26.0	19.0	56	19	38	11	34	02.9	09.9	05.4	000.0
17	34.5	15.0	24.8	19.5	53	17	35	00	34	04.0	09.9	05.9	000.0
18	33.6	14.4	24.0	19.2	62	16	39	34	29	03.0	09.7	06.1	000.0
19	34.6	16.4	25.5	18.2	63	20	42	25	34	02.6	09.0	05.7	000.0
20	35.5	17.4	26.5	18.1	77	22	50	00	34	02.6	06.9	05.4	000.0
21	36.0	19.1	27.6	16.9	45	23	34	00	05	04.4	08.2	06.7	000.0
22	35.7	17.4	26.6	18.3	67	23	45	00	34	04.3	08.9	06.6	000.0
23	35.5	16.1	25.8	19.4	75	19	47	00	29	03.4	09.1	06.2	000.0
24	35.0	16.1	25.6	18.9	50	24	37	34	34	04.1	09.4	06.0	000.0
25	35.5	16.9	26.2	18.6	59	22	41	99	34	04.6	09.2	06.9	000.0
26	37.5	16.8	27.2	20.7	60	16	38	00	32	02.8	08.8	06.2	000.0
27	37.6	19.4	28.5	18.2	53	19	36	00	34	04.2	07.3	07.0	000.0
28	35.0	20.3	27.7	14.7	52	17	35	16	34	04.8	08.9	07.4	000.0
Total	925	455	690	470	1732	646	1189			109	234	155	1.2
Mean	33.0	16.2	24.6	16.8	62	23	43			3.9	8.4	5.5	0.0
S.D.	2.8	2.3	2.1	3.0	11.6	5.5	7.0			1.0	2.1	1.2	0.2
C.V.%	8.4	14.3	8.5	17.8	18.7	23.9	16.4			25.4	25.1	21.7	0.0
High.	37.6	20.3	28.5	21.2	82.0	38.0	55.0			6.3	9.9	8.4	1.2
Low.	26.6	9.8	20.4	10.8	30.0	16.0	25.5			2.3	0.0	2.8	0.0

FEBRUARY-2018

Date	D.B. (ºC)		W.B. (ºC)		V.P. (mmHg)		Soil Temperature (ºC)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	18.8	31.4	15.6	19.0	11.4	08.9	23.5	23.9	26.2	35.8	29.1	26.9
2	20.0	31.0	17.0	19.0	12.7	09.1	23.5	23.7	26.2	37.4	30.5	27.3
3	20.2	31.0	15.8	19.2	10.8	09.5	22.5	23.6	26.7	37.0	29.5	27.4
4	16.2	31.4	12.4	18.2	08.5	07.7	23.0	23.8	27.0	33.5	30.4	27.6
5	17.0	31.0	13.8	19.6	09.9	09.8	23.9	24.3	26.5	35.4	30.5	27.7
6	21.2	26.0	15.8	17.0	10.2	09.1	25.8	26.3	27.1	29.4	28.2	27.5
7	16.8	30.8	15.4	17.6	12.3	07.1	21.7	22.2	25.6	36.5	29.2	26.3
8	14.0	30.6	11.4	17.0	08.5	06.3	20.8	21.9	25.4	37.3	29.9	26.4
9	11.6	29.4	9.2	18.0	07.4	08.5	20.3	21.2	25.4	37.8	30.1	26.5
10	19.2	28.0	16.2	18.8	12.0	10.7	23.1	24.0	26.0	37.4	30.0	27.3
11	18.4	28.6	16.2	17.8	12.5	08.7	22.4	23.2	26.5	36.8	29.2	27.0
12	17.0	28.2	15.2	15.8	11.8	06.0	23.0	23.4	26.7	37.0	29.7	27.4
13	20.2	30.4	16.0	17.0	11.1	06.4	23.1	24.0	26.3	38.8	31.2	28.0
14	24.0	32.4	14.6	18.6	06.8	07.7	25.2	25.0	27.3	40.0	31.8	28.4
15	20.0	34.4	14.0	20.4	08.4	09.4	25.0	25.2	27.5	41.9	33.1	28.8
16	19.0	34.0	14.2	19.2	09.3	07.7	24.9	25.5	28.0	41.5	33.6	29.5
17	18.0	33.4	13.0	18.4	08.3	06.7	25.0	25.6	28.6	40.9	32.9	29.5
18	16.4	34.2	12.6	18.6	08.7	06.6	23.9	25.0	28.1	41.2	33.2	29.2
19	19.0	35.4	15.0	20.4	10.4	08.9	24.8	26.0	28.8	41.8	33.2	29.5
20	19.4	35.6	17.0	21.0	13.0	09.7	25.6	25.9	29.1	41.9	33.4	29.9
21	21.2	34.8	14.6	20.6	08.5	09.5	26.5	26.9	29.4	41.9	34.0	30.3
22	19.4	35.0	15.8	20.8	11.3	09.8	26.3	27.1	29.5	42.5	34.2	30.5
23	18.0	34.6	15.4	19.6	11.5	08.0	25.4	25.9	29.4	41.8	33.9	30.3
24	21.8	35.0	15.8	21.0	09.8	10.5	25.8	26.3	29.5	42.0	34.2	30.5
25	25.0	37.0	19.8	21.8	14.2	10.3	26.3	26.6	29.5	43.3	35.0	30.9
26	21.0	37.2	16.4	20.4	11.2	07.7	26.6	27.2	30.6	43.5	35.2	31.3
27	21.4	37.4	15.8	21.4	10.0	09.3	27.0	27.3	30.8	43.6	35.6	31.5
28	22.0	38.2	16.2	21.2	10.3	08.5	28.4	28.9	31.0	43.1	35.2	31.7
Total	536	916	420	537	291	238	683	700	779	1101	896	805
Mean	19.2	32.7	15.0	19.2	10.4	8.5	24.4	25.0	27.8	39.3	32.0	28.8
S.D.	2.8	3.2	2.0	1.6	1.8	1.3	1.9	1.8	1.7	3.5	2.3	1.7
C.V.%	14.6	9.7	13.4	8.1	17.5	15.8	7.9	7.3	6.1	8.8	7.1	5.9
Highest	25.0	38.2	19.8	21.8	14.2	10.7	28.4	28.9	31.0	43.6	35.6	31.7
Lowest	11.6	26.0	9.2	15.8	6.8	6.0	20.3	21.2	25.4	29.4	28.2	26.3

MARCH-2018

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	38.4	20.5	29.5	17.9	40	21	31	34	34	05.3	05.2	08.7	000.0
2	38.0	20.4	29.2	17.6	37	17	27	34	34	06.7	09.3	08.8	000.0
3	37.9	24.3	31.1	13.6	40	20	30	00	32	05.7	09.8	08.4	000.0
4	37.0	20.4	28.7	16.6	48	27	38	00	20	05.2	09.9	07.4	000.0
5	35.3	20.4	27.9	14.9	79	22	51	02	29	05.6	09.8	07.8	000.0
6	35.6	17.0	26.3	18.6	82	20	51	00	34	04.1	10.3	07.6	000.0
7	36.8	17.6	27.2	19.2	68	21	45	00	29	03.2	10.1	07.0	000.0
8	37.5	15.4	26.5	22.1	84	20	52	00	25	03.7	10.4	05.9	000.0
9	36.1	19.5	27.8	16.6	78	25	52	36	16	05.2	10.5	06.8	000.0
10	35.5	20.5	28.0	15.0	83	21	52	34	34	05.0	10.5	06.7	000.0
11	37.0	18.5	27.8	18.5	69	20	45	34	34	05.0	10.5	05.2	000.0
12	37.5	14.0	25.8	23.5	75	14	45	00	34	05.7	10.7	07.6	000.0
13	37.3	20.9	29.1	16.4	55	11	33	16	34	05.2	10.8	08.1	000.0
14	36.5	21.9	29.2	14.6	30	14	22	05	29	06.4	10.3	08.7	000.0
15	36.6	21.2	28.9	15.4	65	16	41	34	07	06.6	10.5	09.1	000.0
16	36.5	20.1	28.3	16.4	75	18	47	34	29	04.8	10.4	07.9	000.0
17	35.9	21.5	28.7	14.4	66	21	44	02	34	05.8	10.3	08.8	000.0
18	36.5	22.7	29.6	13.8	54	20	37	34	34	05.7	10.1	07.9	000.0
19	36.6	22.0	29.3	14.6	68	25	47	36	32	06.4	07.7	08.5	000.0
20	35.5	22.2	28.9	13.3	59	21	40	34	34	06.4	10.0	09.4	000.0
21	36.4	17.9	27.2	18.5	68	21	45	18	29	06.0	10.3	09.3	000.0
22	34.6	19.0	26.8	15.6	79	23	51	02	16	07.6	10.4	09.6	000.0
23	35.0	19.0	27.0	16.0	86	23	55	34	34	03.4	09.5	08.7	000.0
24	36.4	23.6	30.0	12.8	32	19	26	34	02	05.4	10.4	08.6	000.0
25	39.0	19.2	29.1	19.8	31	17	24	36	07	05.2	09.9	08.8	000.0
26	41.5	19.9	30.7	21.6	35	14	25	34	02	04.9	10.4	08.8	000.0
27	42.0	20.7	31.4	21.3	37	16	27	00	34	03.9	07.1	08.7	000.0
28	40.8	19.9	30.4	20.9	42	11	27	34	34	05.3	10.4	10.4	000.0
29	41.5	22.0	31.8	19.5	52	18	35	34	34	05.0	09.9	10.3	000.0
30	41.7	22.5	32.1	19.2	81	16	49	34	34	05.3	09.9	08.1	000.0
31	41.5	22.0	31.8	19.5	90	12	51	34	27	04.7	09.4	08.1	000.0
Total	1164	627	896	538	1888	584	1236			164	305	256	0.0
Mean	37.6	20.2	28.9	17.3	61	19	40			5.3	9.8	8.2	0.0
S.D.	2.2	2.2	1.7	2.9	19.2	4.1	10.3			1.0	1.2	1.1	0.0
C.V.%	5.8	11.1	5.9	16.4	31.5	21.5	25.9			18.5	11.8	13.8	0.0
High.	42.0	24.3	32.1	23.5	90.0	27.0	54.5			7.6	10.8	10.4	0.0
Low.	34.6	14.0	25.8	12.8	30.0	11.0	22.0			3.2	5.2	5.2	0.0

MARCH-2018

Date	D.B. (°C)		W.B. (°C)		V.P. (mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	26.2	37.8	17.8	22.2	10.2	10.5	28.7	28.8	31.5	43.3	35.2	32.0
2	28.2	37.6	18.8	21.0	10.5	08.5	29.2	29.5	31.5	44.5	36.1	32.6
3	25.4	36.4	17.2	21.0	09.7	09.2	28.9	28.5	31.6	44.0	36.1	32.3
4	22.4	34.6	16.0	21.4	09.8	11.0	28.0	28.2	31.4	43.4	35.5	32.4
5	22.4	35.0	20.0	20.6	16.1	09.4	28.0	27.6	31.1	44.3	35.7	32.1
6	18.4	36.0	16.6	20.6	13.1	08.8	26.6	27.5	31.6	44.5	36.2	32.2
7	21.2	37.2	17.6	21.8	12.9	10.2	27.0	27.7	30.4	445.4	36.9	32.4
8	18.4	35.6	16.8	20.4	13.4	08.7	26.6	27.4	31.4	44.7	36.5	32.2
9	23.0	35.2	20.4	21.4	16.4	10.7	27.0	27.6	31.1	44.9	37.0	32.2
10	22.6	36.2	20.6	21.0	17.0	09.3	27.8	28.1	31.4	45.4	37.1	32.4
11	24.2	37.0	20.4	21.4	15.7	09.6	28.3	28.5	31.5	45.5	37.2	32.6
12	18.0	36.6	15.4	19.4	11.5	06.4	25.9	26.7	31.4	45.5	36.9	32.5
13	22.0	36.2	16.6	18.4	10.9	05.0	27.5	28.2	31.6	43.3	35.9	32.4
14	24.5	36.0	15.6	19.2	07.4	06.3	26.8	27.3	31.2	43.8	35.6	32.0
15	23.0	36.4	18.8	20.0	13.7	07.8	28.5	27.9	31.3	44.9	36.8	32.4
16	24.0	35.8	21.0	20.0	16.8	07.8	28.1	27.9	31.4	44.7	36.5	32.3
17	24.4	36.0	20.2	20.0	15.2	09.5	28.5	28.7	31.7	45.0	37.2	32.8
18	25.0	36.0	19.0	20.6	12.8	08.8	28.8	29.0	31.9	44.4	37.0	32.8
19	24.2	35.0	20.2	21.2	15.3	10.5	29.0	29.2	31.9	44.5	36.5	33.0
20	24.6	36.0	19.4	21.0	13.7	09.5	28.9	29.2	32.4	45.7	37.4	34.2
21	22.4	34.4	18.6	19.8	13.7	08.4	28.4	29.0	32.4	44.4	37.3	33.0
22	22.8	34.8	20.4	20.6	16.5	09.7	28.0	28.6	32.0	45.5	36.7	32.6
23	22.4	35.2	20.8	21.0	17.4	10.0	27.8	28.6	32.1	45.4	37.0	32.9
24	27.0	38.6	17.0	22.0	08.4	09.7	29.0	29.4	32.6	47.3	38.1	33.9
25	27.8	41.0	17.4	23.0	08.5	10.0	29.1	29.4	32.8	49.5	40.3	34.4
26	29.0	41.0	19.0	22.0	10.4	08.3	29.4	30.1	33.6	49.0	39.5	34.5
27	26.0	40.4	17.2	22.2	09.4	08.9	29.4	29.9	33.5	48.5	39.0	34.6
28	27.8	41.0	19.4	21.0	11.8	06.4	29.3	29.7	33.6	49.0	39.4	34.6
29	28.2	41.4	21.4	23.4	15.0	10.5	30.4	30.5	33.9	49.0	39.7	35.4
30	25.4	41.0	23.0	22.8	19.6	09.7	32.4	32.7	34.5	19.1	40.0	35.5
31	23.6	40.2	22.4	20.8	19.6	06.6	31.9	32.2	34.1	47.8	39.9	35.5
Total	745	1152	585	651	412	276	883	894	994	1786	1156	1027
Mean	24.0	37.1	18.9	21.0	13.3	8.9	28.5	28.8	32.1	57.6	37.3	33.1
S.D.	2.8	2.2	2.0	1.1	3.3	1.5	1.4	1.3	1.0	72.1	1.5	1.1
C.V.%	11.8	6.0	10.6	5.3	24.8	16.7	4.9	4.6	3.2	125.2	3.9	3.4
Highest	29.0	41.4	23.0	23.4	19.6	11.0	32.4	32.7	34.5	445.4	40.3	35.5
Lowest	18.0	34.4	15.4	18.4	7.4	5.0	25.9	26.7	30.4	19.1	35.2	32.0

APRIL-2018

Date	Temperature (ºC)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	40.6	22.4	31.5	18.2	85	22	54	02	25	05.8	10.2	09.0	000.0
2	40.6	22.2	31.4	18.4	85	17	51	34	25	04.8	10.4	09.8	000.0
3	40.0	18.6	29.3	21.4	82	17	50	00	32	04.0	10.5	09.7	000.0
4	41.0	21.0	31.0	20.0	74	19	47	34	29	03.9	10.4	06.2	000.0
5	40.6	22.6	31.6	18.0	49	24	37	34	27	05.0	09.9	09.6	000.0
6	38.5	24.5	31.5	14.0	78	15	47	34	29	05.9	06.8	09.8	000.0
7	40.6	23.0	31.8	17.6	85	23	54	32	25	05.9	09.9	09.2	000.0
8	39.5	23.7	31.6	15.8	82	33	58	34	25	06.0	10.1	10.0	000.0
9	38.3	23.4	30.9	14.9	84	20	52	20	34	06.4	07.2	08.0	000.0
10	39.0	23.6	31.3	15.4	83	21	52	29	27	05.7	08.9	07.8	000.0
11	38.9	24.9	31.9	14.0	80	31	56	32	23	06.0	09.3	08.2	000.0
12	38.7	24.3	31.5	14.4	86	22	54	34	34	06.2	06.2	07.0	000.0
13	40.1	23.5	31.8	16.6	57	17	37	29	29	06.9	10.5	09.0	000.0
14	40.2	23.7	32.0	16.5	81	19	50	34	34	05.0	09.6	09.6	000.0
15	40.5	23.8	32.2	16.7	77	21	49	34	34	04.9	09.0	08.8	000.0
16	41.6	23.5	32.6	18.1	86	21	54	34	34	05.6	10.1	09.7	000.0
17	40.6	23.9	32.3	16.7	56	20	38	34	32	05.1	10.9	09.6	000.0
18	41.5	25.1	33.3	16.4	45	10	28	34	34	05.8	10.8	09.4	000.0
19	42.3	27.0	34.7	15.3	53	13	33	05	29	06.1	11.2	11.8	000.0
20	41.4	24.9	33.2	16.5	83	19	51	27	25	06.1	11.3	12.0	000.0
21	39.5	25.4	32.5	14.1	81	21	51	25	25	07.4	10.6	10.1	000.0
22	38.6	24.6	31.6	14.0	68	17	43	34	29	06.0	10.5	09.8	000.0
23	40.0	22.7	31.4	17.3	57	7	32	23	25	04.9	10.9	09.5	000.0
24	42.0	21.7	31.9	20.3	33	8	21	34	25	04.6	11.0	10.2	000.0
25	42.6	21.0	31.8	21.6	35	18	27	05	32	04.5	11.2	10.4	000.0
26	40.6	25.1	32.9	15.5	75	28	52	34	32	07.1	10.8	10.4	000.0
27	39.0	24.9	32.0	14.1	84	29	57	32	32	06.6	11.0	10.3	000.0
28	39.5	25.4	32.5	14.1	87	25	56	34	32	06.9	11.3	09.3	000.0
29	41.5	25.7	33.6	15.8	84	24	54	34	20	07.0	10.8	09.3	000.0
30	40.3	25.6	33.0	14.7	80	31	56	20	27	8.3	10.6	10.3	000.0
Total	1208	712	960	496	2175	612	1394			174	302	284	0.0
Mean	40.3	23.7	32.0	16.5	73	20	47			5.8	10.1	9.5	0.0
S.D.	1.2	1.7	1.0	2.2	16.2	6.3	10.2			1.0	1.3	1.2	0.0
C.V.%	2.9	7.2	3.0	13.3	22.3	31.0	22.0			17.6	12.9	12.6	0.0
High.	42.6	27.0	34.7	21.6	87.0	33.0	57.5			8.3	11.3	12.0	0.0
Low.	38.3	18.6	29.3	14.0	33.0	7.0	20.5			3.9	6.2	6.2	0.0

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APRIL-2018

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	25.4	39.4	23.6	23.4	20.7	11.8	32.0	31.4	34.5	48.6	41.5	36.0
2	25.2	39.6	23.4	22.2	20.4	09.4	32.2	31.5	34.8	48.3	39.2	35.4
3	22.0	40.6	20.0	22.6	16.3	09.5	30.0	30.6	33.9	48.7	39.6	35.5
4	24.6	40.0	21.4	23.0	17.1	10.7	30.1	30.5	34.4	48.0	39.4	35.4
5	27.6	38.0	20.4	23.0	13.5	11.8	30.9	30.6	34.5	46.0	38.1	35.1
6	26.8	40.4	24.0	22.0	20.7	08.5	32.5	32.3	34.1	47.5	39.5	35.0
7	26.2	38.4	24.4	23.0	21.9	11.6	30.9	31.2	34.0	47.9	39.6	35.3
8	26.4	37.4	24.2	25.0	21.3	16.2	32.9	32.3	34.5	48.8	40.9	35.6
9	26.4	38.4	24.4	22.4	21.7	10.5	31.9	32.1	34.1	49.0	40.0	35.7
10	26.6	38.4	24.4	22.4	21.6	10.5	32.5	32.8	35.4	49.5	41.0	36.2
11	26.6	38.6	24.0	25.2	20.8	15.8	32.6	32.8	34.9	49.5	41.0	36.0
12	26.6	39.6	24.8	23.4	22.4	11.7	32.8	33.0	35.5	42.5	37.0	35.6
13	26.0	40.0	24.4	22.4	22.0	09.5	29.0	29.3	33.4	44.6	38.0	34.5
14	27.0	40.2	24.6	23.0	21.7	10.7	30.5	30.7	34.5	45.5	39.4	35.5
15	27.0	41.2	24.0	24.2	20.6	12.2	31.5	31.6	34.6	46.8	40.0	36.0
16	26.4	40.6	24.6	23.8	22.1	11.8	31.7	32.0	34.4	46.5	39.3	36.1
17	29.4	41.0	23.0	24.0	17.1	11.9	32.4	32.9	34.8	47.1	40.2	36.3
18	30.4	41.4	22.0	20.8	14.7	05.9	33.1	33.7	36.4	47.1	40.2	37.0
19	29.6	40.6	22.4	21.4	16.4	07.4	34.5	33.8	36.3	47.2	40.3	36.8
20	27.2	38.4	25.0	22.0	22.4	09.8	31.3	31.9	33.9	45.4	39.1	36.4
21	27.4	38.6	25.0	22.6	22.3	10.7	32.7	33.1	35.1	46.4	39.5	36.6
22	26.4	39.0	22.2	21.6	17.5	08.7	31.8	32.3	34.9	46.8	40.0	36.6
23	26.0	41.4	20.8	19.8	14.9	04.1	31.5	32.3	34.7	47.8	40.2	36.7
24	30.6	41.6	19.8	20.2	10.7	04.7	31.0	32.1	34.4	47.9	40.6	36.7
25	30.2	40.0	20.0	22.8	11.3	09.9	31.6	32.5	34.2	46.0	39.5	36.4
26	27.0	38.6	23.8	24.6	20.2	14.5	33.0	33.4	36.0	47.4	39.8	36.9
27	26.6	39.0	24.6	25.0	23.7	15.1	33.2	33.8	35.2	48.0	40.0	37.0
28	27.4	40.4	25.8	25.0	23.9	14.3	34.1	34.9	36.1	48.6	40.8	37.6
29	27.2	39.6	25.2	24.2	22.8	13.2	34.0	34.5	35.0	47.6	40.3	37.2
30	28.0	38.2	25.4	25.0	22.8	15.7	34.0	34.3	36.5	47.4	40.2	37.3
Total	810	1189	702	690	586	328	962	970	1045	1418	1194	1084
Mean	27.0	39.6	23.4	23.0	19.5	10.9	32.1	32.3	34.8	47.3	39.8	36.1
S.D.	1.8	1.2	1.8	1.4	3.7	3.1	1.3	1.3	0.8	1.5	0.9	0.8
C.V.%	6.5	2.9	7.6	6.2	18.7	27.9	4.0	4.0	2.3	3.2	2.4	2.1
Highest	30.6	41.6	25.8	25.2	23.9	16.2	34.5	34.9	36.5	49.5	41.5	37.6
Lowest	22.0	37.4	19.8	19.8	10.7	4.1	29.0	29.3	33.4	42.5	37.0	34.5

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MAY-2018

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	38.6	26.0	32.3	12.6	85	24	55	23	25	8.5	10.3	09.1	000.0
2	40.0	26.5	33.3	13.5	80	28	54	20	25	8.1	11.0	09.5	000.0
3	39.5	26.4	33.0	13.1	83	32	58	20	25	9.8	10.6	09.9	000.0
4	38.5	26.6	32.6	11.9	83	35	59	20	29	10.7	10.0	10.2	000.0
5	38.5	26.0	32.3	12.5	85	16	51	00	27	7.0	8.6	08.4	000.0
6	42.5	25.4	34.0	17.1	85	16	51	27	25	6.6	10.2	10.1	000.0
7	41.0	26.3	33.7	14.7	79	26	53	20	25	06.9	11.1	10.5	000.0
8	40.1	26.2	33.2	13.9	78	21	50	23	27	09.3	10.5	10.8	000.0
9	40.4	26.6	33.5	13.8	80	22	51	29	29	07.6	09.9	11.3	000.0
10	41.1	26.0	33.6	15.1	78	16	47	34	29	06.4	10.8	11.6	000.0
11	42.5	25.5	34.0	17.0	78	26	52	07	23	06.8	11.1	11.2	000.0
12	41.2	26.8	34.0	14.4	76	26	51	34	27	07.0	11.1	09.4	000.0
13	41.0	26.1	33.6	14.9	83	30	57	32	23	08.3	11.1	10.1	000.0
14	41.8	27.6	34.7	14.2	81	29	55	29	27	08.0	10.1	10.2	000.0
15	40.5	27.0	33.8	13.5	86	27	57	29	25	07.4	08.5	41.4	000.0
16	41.0	27.7	34.4	13.3	82	34	58	29	25	07.9	07.9	09.6	000.0
17	41.6	26.0	33.8	15.6	80	25	53	29	25	06.4	06.3	08.3	000.0
18	43.9	25.9	34.9	18.0	83	22	53	29	29	05.4	08.8	11.0	000.0
19	43.4	27.9	35.7	15.5	83	23	53	29	27	08.4	08.8	12.2	000.0
20	42.0	27.1	34.6	14.9	82	16	49	29	25	07.7	09.2	10.5	000.0
21	42.2	27.2	34.7	15.0	83	23	53	23	25	09.0	08.3	11.6	000.0
22	40.3	26.4	33.4	13.9	81	26	54	27	25	08.3	09.1	10.2	000.0
23	42.3	27.8	35.1	14.5	82	14	48	34	34	07.3	08.6	10.1	000.0
24	43.3	28.2	35.8	15.1	75	18	47	29	29	04.3	08.5	10.2	000.0
25	41.5	27.6	34.6	13.9	76	21	49	32	29	09.0	09.0	10.3	000.0
26	42.5	27.5	35.0	15.0	77	25	51	34	32	08.4	08.3	10.8	000.0
27	43.1	26.7	34.9	16.4	79	31	55	34	27	07.8	09.1	10.6	000.0
28	43.2	27.5	35.4	15.7	82	33	58	29	25	08.9	07.9	11.4	000.0
29	42.0	28.4	35.2	13.6	84	48	66	27	23	11.1	07.7	11.0	000.0
30	37.7	28.5	33.1	9.2	83	51	67	25	25	14.0	06.8	09.7	000.0
31	37.9	28.0	33.0	9.9	84	46	65	23	23	12.4	02.3	09.2	000.0
Total	809	833	1054	442	2516	830	1673			255	282	350	0.0
Mean	41.1	26.9	34.0	14.2	81	27	54			8.2	9.1	11.3	0.0
S.D.	1.7	0.9	1.0	1.9	3.0	9.1	5.1			1.9	1.8	5.7	0.0
C.V.%	4.1	3.2	2.8	13.0	3.6	34.0	9.5			23.6	20.0	50.1	0.0
High.	43.9	28.5	35.8	18.0	86.0	51.0	67.0			14.0	11.1	41.4	0.0
Low.	37.7	25.4	32.3	9.2	75.0	14.0	46.5			4.3	2.3	8.3	0.0

MAY-2018

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	27.6	39.6	25.6	24.0	23.3	12.8	34.4	34.2	36.5	48.2	41.1	37.5
2	28.2	39.4	25.6	25.0	23.1	15.3	34.2	34.0	36.3	47.3	40.9	37.4
3	28.6	38.0	26.4	25.0	24.5	15.8	33.8	34.2	36.8	47.4	40.1	37.5
4	28.6	38.2	26.4	26.0	24.5	17.7	34.0	34.3	36.0	47.1	40.0	37.6
5	28.2	42.4	26.2	23.4	24.3	9.9	34.1	34.3	36.4	47.5	41.2	38.0
6	28.0	40.0	26.0	22.2	24.1	9.1	34.4	34.0	36.8	47.2	40.9	37.9
7	28.4	39.2	25.6	24.4	22.9	13.8	34.6	34.2	36.9	47.0	40.6	37.6
8	28.4	40.2	25.4	23.6	22.5	11.7	33.9	34.1	36.7	47.9	41.2	37.9
9	28.0	41.0	25.4	24.6	22.8	13.1	34.1	34.4	37.1	48.5	41.8	38.1
10	28.6	42.2	25.6	23.4	22.8	10.0	34.0	34.4	37.3	49.0	42.1	38.2
11	28.4	40.0	25.4	25.0	22.5	14.5	34.1	34.5	37.4	48.5	41.0	37.7
12	28.8	40.6	25.6	25.4	22.7	15.0	33.7	34.0	37.3	47.6	40.0	37.0
13	28.6	40.0	26.4	26.0	24.5	16.6	33.7	34.1	37.4	49.1	42.3	38.4
14	29.2	39.6	26.6	25.4	24.5	15.6	34.8	35.3	37.6	47.3	41.5	38.4
15	28.6	40.4	26.8	25.6	25.4	15.5	34.1	34.5	37.1	47.7	41.6	38.1
16	28.8	40.6	26.4	27.4	24.3	19.2	34.5	34.9	37.0	48.1	42.0	38.5
17	28.6	42.8	26.0	26.6	23.6	16.2	34.8	35.0	37.6	48.5	42.3	38.4
18	29.2	42.0	27.0	25.0	25.4	13.3	34.8	34.5	37.9	47.7	41.4	38.5
19	29.4	41.4	27.2	25.0	25.7	13.6	35.9	35.3	37.8	47.9	41.0	38.2
20	29.4	41.6	27.0	23.0	25.2	09.7	34.7	34.9	37.2	48.0	41.8	38.6
21	29.0	40.0	26.8	24.2	25.1	13.0	35.0	34.9	37.3	46.8	41.0	38.2
22	28.8	41.4	26.2	26.0	23.9	15.7	34.2	34.5	37.1	48.7	42.1	38.4
23	29.4	42.8	27.0	26.0	25.2	08.9	34.9	35.2	37.5	48.8	42.0	38.3
24	30.0	41.4	26.6	23.6	24.1	10.9	35.4	35.7	37.9	47.1	41.8	38.7
25	29.2	41.6	26.0	24.6	23.2	12.7	34.7	35.0	37.8	47.9	42.4	39.1
26	29.6	42.0	26.4	26.0	23.9	15.4	35.3	35.1	37.9	48.3	42.9	39.3
27	29.2	42.2	26.4	26.0	21.4	19.6	34.8	34.9	38.0	48.5	42.8	39.2
28	29.4	41.2	27.0	27.8	25.2	19.7	34.9	35.1	38.0	48.3	42.1	38.6
29	29.8	37.2	27.6	28.0	26.3	22.7	35.6	35.5	38.3	47.1	40.9	38.5
30	30.2	37.0	27.8	28.6	26.6	24.2	35.0	35.3	37.7	47.3	41.0	38.3
31	30.0	38.0	27.8	28.4	26.6	23.1	34.9	35.0	37.8	47.8	41.6	38.4
Total	896	1254	818	785	750	464	1071	1075	1156	1484	1285	1185
Mean	28.9	40.5	26.4	25.3	24.2	15.0	34.6	34.7	37.3	47.9	41.5	38.2
S.D.	0.6	1.6	0.7	1.6	1.3	4.0	0.6	0.5	0.6	0.6	0.8	0.5
C.V.%	2.2	3.9	2.6	6.3	5.4	26.9	1.6	1.4	1.5	1.3	1.8	1.4
Highest	30.2	42.8	27.8	28.6	26.6	24.2	35.9	35.7	38.3	49.1	42.9	39.3
Lowest	27.6	37.0	25.4	22.2	21.4	8.9	33.7	34.0	36.0	46.8	40.0	37.0

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JUNE-2018

Date	Temperature (ºC)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	38.5	27.9	33.2	10.6	83	53	68	20	27	10.0	04.7	08.7	000.0
2	38.8	27.8	33.3	11.0	82	40	61	20	25	09.2	04.9	08.7	000.0
3	38.3	28.4	33.4	9.9	77	43	60	00	25	09.7	06.1	09.8	000.0
4	38.6	28.4	33.5	10.2	83	42	63	23	27	09.8	04.0	09.6	000.0
5	39.5	28.5	34.0	11.0	79	30	55	29	25	09.1	05.7	08.6	000.0
6	41.3	28.6	35.0	12.7	80	39	60	27	25	08.9	03.2	09.4	000.0
7	39.4	29.2	34.3	10.2	74	42	58	29	25	09.8	00.9	09.7	000.0
8	38.6	29.0	33.8	9.6	75	44	60	27	25	12.7	01.8	10.0	000.0
9	38.4	29.7	34.1	8.7	75	50	63	23	25	17.0	01.9	09.7	000.0
10	37.1	29.5	33.3	7.6	76	52	64	25	25	18.1	00.1	09.3	000.0
11	37.1	29.0	33.1	8.1	80	55	68	25	23	16.8	00.0	08.7	000.0
12	36.2	28.5	32.4	7.7	80	54	67	23	23	16.6	00.0	08.5	000.0
13	36.0	28.6	32.3	7.4	77	57	67	20	20	16.9	00.0	08.1	000.0
14	36.4	28.5	32.5	7.9	77	56	67	20	25	18.0	00.1	09.5	000.0
15	36.9	28.4	32.7	8.5	78	53	66	23	25	16.9	00.0	09.1	000.0
16	35.9	26.7	31.3	9.2	92	49	71	18	23	15.6	00.1	08.5	000.7
17	36.1	27.5	31.8	8.6	79	47	63	20	25	12.6	01.5	07.0	001.8
18	36.8	27.9	32.4	8.9	83	48	66	20	25	13.4	00.2	08.9	000.0
19	37.1	27.6	32.4	9.5	77	46	62	23	25	11.4	01.0	08.1	000.0
20	37.5	27.6	32.6	9.9	81	44	63	25	23	09.9	01.5	08.7	000.0
21	38.1	27.2	32.7	10.9	82	47	65	99	25	10.3	04.8	10.0	000.0
22	37.1	27.5	32.3	9.6	74	49	62	25	25	11.6	01.5	09.1	000.0
23	37.4	27.9	32.7	9.5	81	50	66	25	27	12.7	01.1	10.0	000.0
24	36.4	28.1	32.3	8.3	84	82	83	25	14	12.1	00.2	07.8	000.0
25	31.6	27.7	29.7	3.9	83	57	70	25	25	04.3	00.0	01.2	002.6
26	33.4	28.0	30.7	5.4	78	54	66	25	25	14.9	00.0	04.5	000.0
27	35.5	27.9	31.7	7.6	91	49	70	25	20	16.9	00.0	06.7	001.8
28	36.1	27.6	31.9	8.5	82	51	67	25	25	11.0	01.2	06.8	000.0
29	35.3	27.4	31.4	7.9	83	50	67	16	25	09.2	00.7	06.0	000.5
30	37.0	27.3	32.2	9.7	78	48	63	16	20	09.6	00.4	05.9	000.0
Total	1112	844	978	269	2404	1481	1943			375	48	247	7.4
Mean	37.1	28.1	32.6	9.0	80	49	65			12.5	1.6	8.2	0.2
S.D.	1.8	0.7	1.1	1.7	4.3	8.6	5.1			3.5	1.9	1.9	0.6
C.V.%	5.0	2.5	3.4	19.2	5.3	17.4	7.8			28.1	121.8	23.2	262.5
High.	41.3	29.7	35.0	12.7	92.0	82.0	83.0			18.1	6.1	10.0	2.6
Low.	31.6	26.7	29.7	3.9	74.0	30.0	54.5			4.3	0.0	1.2	0.0

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JUNE-2018

Date	D.B. (°C)		W.B. (°C)		V.P. (mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	30.0	38.0	27.6	29.8	26.3	26.4	34.8	35.0	37.8	48.4	41.8	38.5
2	29.8	38.0	27.4	27.0	26.0	19.9	34.8	34.9	37.5	47.5	41.2	37.9
3	31.0	37.6	27.8	27.4	26.1	21.1	34.9	35.0	37.9	47.4	41.2	38.4
4	30.0	38.6	27.6	28.0	26.3	21.9	34.9	35.1	38.0	47.6	41.7	38.6
5	30.6	41.0	27.6	26.8	25.8	17.7	35.1	35.3	37.4	48.0	42.3	38.7
6	30.6	39.0	27.8	27.4	26.3	20.2	35.2	35.4	37.7	45.4	39.7	38.1
7	30.6	38.6	27.0	28.0	24.5	21.9	34.9	35.1	37.3	45.3	39.6	38.0
8	30.8	37.0	27.2	27.0	24.8	20.6	35.0	34.9	37.5	45.6	39.8	37.9
9	31.4	36.4	27.8	27.8	25.8	22.7	35.1	35.0	37.1	44.3	38.4	37.5
10	31.4	35.6	28.0	27.6	26.3	22.8	34.8	34.9	36.8	44.8	38.7	37.3
11	30.4	35.2	27.6	27.8	26.0	23.5	34.7	34.9	37.0	44.1	38.0	37.2
12	30.0	35.0	27.2	27.4	25.4	22.7	34.5	34.7	36.5	44.0	37.9	36.9
13	30.6	35.6	27.4	28.6	25.4	25.1	34.9	34.8	36.1	44.5	38.7	36.5
14	30.4	36.2	27.2	28.8	25.1	25.1	34.7	34.3	36.0	44.5	39.0	36.7
15	30.2	35.6	27.2	27.8	25.2	23.2	34.0	34.1	35.9	41.5	37.3	36.4
16	28.6	35.8	27.6	27.2	27.1	21.7	34.1	33.9	35.5	40.5	36.3	35.9
17	30.4	36.0	27.4	27.0	25.5	21.2	33.4	33.2	34.9	44.0	37.9	35.6
18	30.0	35.8	27.6	27.0	26.3	21.3	34.3	34.0	35.9	44.1	38.2	36.0
19	29.8	36.4	26.6	27.0	24.2	20.9	34.1	33.9	36.0	45.5	39.1	36.4
20	28.8	36.8	26.2	27.0	23.9	20.7	34.3	34.1	36.1	46.7	40.0	37.0
21	28.8	35.6	26.4	26.6	24.3	20.6	33.9	34.0	36.2	45.3	39.2	37.0
22	30.0	35.8	26.4	27.2	23.6	21.7	34.3	34.2	36.3	45.5	39.4	37.1
23	30.0	35.0	27.4	26.6	25.8	20.9	34.2	34.4	36.3	42.8	38.0	36.6
24	29.8	28.4	27.6	26.0	26.3	23.8	34.0	34.2	35.0	36.0	34.0	35.5
25	29.2	32.6	27.0	26.0	25.4	21.2	32.3	32.1	34.0	37.3	34.5	33.9
26	29.4	34.0	26.4	26.6	23.9	21.6	32.9	32.0	33.6	39.9	35.7	34.2
27	28.2	35.0	27.0	26.4	26.0	20.6	33.5	32.7	34.1	41.4	36.7	34.9
28	29.6	34.2	27.2	26.2	25.5	20.6	33.7	32.5	34.7	39.0	35.8	35.0
29	29.0	35.4	26.8	27.0	25.1	21.6	33.0	32.2	34.0	41.6	37.1	35.0
30	29.4	36.4	26.4	27.4	23.9	21.9	33.8	32.5	34.7	40.0	35.9	34.9
Total	899	1081	816	818	762	655	1028	1023	1084	1313	1153	1100
Mean	30.0	36.0	27.2	27.3	25.4	21.8	34.3	34.1	36.1	43.8	38.4	36.7
S.D.	0.8	2.2	0.5	0.8	0.9	1.7	0.7	1.0	1.3	3.2	2.1	1.3
C.V.%	2.6	6.1	1.8	3.0	3.6	8.0	2.1	3.0	3.6	7.2	5.5	3.7
Highest	31.4	41.0	28.0	29.8	27.1	26.4	35.2	35.4	38.0	48.4	42.3	38.7
Lowest	28.2	28.4	26.2	26.0	23.6	17.7	32.3	32.0	33.6	36.0	34.0	33.9

JULY-2018

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	36.5	27.0	31.8	9.5	77	52	65	16	20	10.2	02.8	05.7	001.2
2	37.0	27.1	32.1	9.9	92	52	72	18	20	10.2	00.4	06.7	000.5
3	36.8	24.4	30.6	12.4	93	100	97	20	16	11.8	04.3	05.0	009.4
4	30.1	25.5	27.8	4.6	97	74	86	18	25	08.3	00.0	00.2	012.4
5	31.5	27.1	29.3	4.4	88	57	73	20	25	11.6	00.0	04.0	001.3
6	34.4	27.0	30.7	7.4	83	49	66	16	27	11.7	00.0	05.8	000.3
7	35.0	27.4	31.2	7.6	82	52	67	29	29	11.2	00.0	06.3	000.0
8	35.1	27.5	31.3	7.6	79	60	70	29	27	10.7	00.0	07.6	000.0
9	34.4	27.1	30.8	7.3	82	62	72	27	25	09.9	00.0	05.9	000.0
10	34.3	26.9	30.6	7.4	94	78	86	29	25	07.8	00.0	02.7	005.6
11	30.5	25.4	28.0	5.1	98	95	97	29	23	07.0	00.0	02.3	007.3
12	28.0	25.4	26.7	2.6	93	95	94	25	25	05.6	00.0	00.5	030.4
13	28.0	24.9	26.5	3.1	100	90	95	18	25	06.9	00.0	O.F.	145.5
14	28.1	24.4	26.3	3.7	98	100	99	18	29	04.9	00.0	00.3	055.2
15	27.0	24.6	25.8	2.4	97	86	92	02	29	03.6	00.0	O.F.	203.8
16	30.0	25.6	27.8	4.4	93	95	94	29	25	06.8	00.0	00.6	013.4
17	28.5	24.6	26.6	3.9	100	100	100	18	23	06.9	00.0	00.0	051.8
18	26.1	24.4	25.3	1.7	100	97	99	16	27	07.8	00.0	00.0	073.4
19	26.2	24.9	25.6	1.3	98	93	96	20	25	05.5	00.0	00.0	018.6
20	27.3	25.4	26.4	1.9	98	86	92	18	27	06.8	00.0	00.1	001.6
21	29.0	25.1	27.1	3.9	98	100	99	18	23	07.6	00.0	00.9	003.5
22	27.6	25.9	26.8	1.7	97	81	89	23	25	07.1	00.0	00.0	004.4
23	29.5	26.0	27.8	3.5	93	85	89	25	25	11.0	00.0	01.9	000.0
24	29.5	25.9	27.7	3.6	93	78	86	25	25	10.0	00.0	02.6	001.6
25	29.6	25.9	27.8	3.7	90	74	82	20	23	10.6	00.0	02.2	000.2
26	29.8	26.0	27.9	3.8	92	79	86	25	25	12.2	00.0	01.9	000.0
27	29.6	26.2	27.9	3.4	87	73	80	20	25	14.2	00.0	02.3	000.0
28	30.5	26.1	28.3	4.4	89	66	78	20	25	13.0	00.0	02.9	000.0
29	32.6	26.3	29.5	6.3	86	74	80	20	25	13.1	01.0	06.0	000.0
30	30.4	26.0	28.2	4.4	89	61	75	18	23	10.7	00.0	02.8	000.5
31	33.4	26.4	29.9	7.0	87	62	75	25	25	12.1	01.0	06.2	000.0
Total	956	802	879	154	2843	2406	2625			287	10	83	641.9
Mean	30.8	25.9	28.4	5.0	92	78	85			9.3	0.3	2.9	20.7
S.D.	3.2	0.9	2.0	2.7	6.5	16.7	11.1			2.7	0.9	2.5	45.6
C.V.%	10.5	3.7	6.9	53.5	7.0	21.5	13.2			29.5	301.3	86.5	220.2
High.	37.0	27.5	32.1	12.4	100.0	100.0	100.0			14.2	4.3	7.6	203.8
Low.	26.1	24.4	25.3	1.3	77.0	49.0	64.5			3.6	0.0	0.0	0.0

JULY-2018

Date	D.B. (ºC)		W.B. (ºC)		V.P. (mmHg)		Soil Temperature (ºC)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	30.0	35.0	26.8	27.0	24.5	21.9	34.3	33.0	35.0	43.5	37.7	35.7
2	28.4	35.6	27.3	27.6	26.7	22.8	34.7	33.5	35.0	42.7	37.1	35.9
3	26.2	26.6	25.4	26.6	23.9	26.1	30.5	31.0	33.9	33.0	32.7	34.0
4	27.2	31.2	26.8	27.4	26.1	25.1	29.5	28.5	31.9	34.1	31.0	32.0
5	28.6	33.6	27.0	26.8	25.8	22.3	30.5	28.9	31.5	38.8	34.5	32.4
6	28.6	34.5	26.4	25.2	24.5	18.3	31.5	30.1	32.4	38.6	35.5	34.0
7	29.0	35.0	26.6	27.0	24.6	21.9	31.7	30.6	33.0	37.0	34.1	33.5
8	29.4	33.0	26.6	26.8	24.3	23.5	32.4	31.1	33.2	36.0	34.1	33.4
9	29.0	32.2	26.6	27.0	24.6	23.5	32.0	31.1	32.9	36.2	34.4	33.5
10	27.6	30.0	26.8	27.0	26.0	24.9	30.5	30.1	31.7	33.4	31.1	31.0
11	26.0	27.6	25.8	27.0	24.8	26.4	29.5	28.5	31.4	30.0	28.6	30.5
12	26.6	27.2	25.8	26.6	24.5	25.8	29.4	28.2	29.8	29.5	28.0	29.7
13	26.8	27.8	26.8	26.6	26.4	25.4	28.0	27.3	28.1	30.0	27.8	28.0
14	26.0	25.6	25.8	25.6	24.8	24.6	28.5	27.0	28.7	28.5	27.0	27.8
15	27.0	28.8	26.6	27.0	25.8	25.7	28.0	26.5	27.1	29.8	28.0	28.1
16	27.0	27.4	26.2	26.8	25.1	26.1	28.6	26.6	28.6	29.2	27.5	28.4
17	25.4	25.6	25.4	25.6	24.3	24.6	27.5	25.9	27.3	29.5	27.2	27.1
18	25.0	25.4	25.0	25.0	23.8	23.5	27.2	25.9	27.3	28.2	26.4	27.6
19	26.0	27.0	25.8	26.2	24.8	25.1	27.5	25.9	27.0	29.5	27.3	27.1
20	26.2	28.8	26.0	27.0	25.1	25.7	28.0	26.2	27.0	30.3	28.1	27.7
21	26.6	27.2	26.4	27.2	25.7	27.1	28.1	26.5	27.6	29.5	27.5	28.0
22	27.0	29.0	26.6	26.4	25.8	24.2	28.5	26.6	27.5	31.3	28.5	28.0
23	26.8	29.0	26.0	27.0	24.8	25.5	27.5	26.8	27.1	30.7	28.2	28.0
24	27.0	29.0	26.2	26.0	25.1	23.3	28.5	26.8	28.1	30.9	28.5	28.3
25	27.0	29.6	25.8	26.0	24.2	23.1	28.5	27.0	28.2	30.9	28.6	28.4
26	26.6	28.4	25.6	25.6	24.1	22.9	28.5	26.7	27.9	29.9	27.3	28.2
27	27.2	30.0	25.6	26.2	23.6	23.2	28.5	26.8	28.0	31.7	28.4	28.3
28	27.4	31.2	26.0	26.2	24.3	22.4	28.6	27.0	28.2	35.3	32.2	29.0
29	27.4	30	25.6	26.4	23.5	23.6	29.5	27.9	28.7	31.5	29.2	28.9
30	27.4	31.6	26.0	25.8	24.3	21.3	29.3	27.5	29.0	38.0	33.1	30.0
31	27.8	31.6	26.2	26.0	24.5	21.7	29.7	28.5	30.0	38.5	34.1	30.7
Total	844	925	812	821	770	742	915	874	923	1026	944	933
Mean	27.2	29.8	26.2	26.5	24.8	23.9	29.5	28.2	29.8	33.1	30.4	30.1
S.D.	1.2	2.9	0.5	0.7	0.8	1.9	1.9	2.1	2.6	4.2	3.3	2.7
C.V.%	4.3	9.8	2.1	2.5	3.3	7.9	6.5	7.5	8.6	12.8	11.0	8.9
Highest	30.0	35.6	27.3	27.6	26.7	27.1	34.7	33.5	35.0	43.5	37.7	35.9
Lowest	25.0	25.4	25.0	25.0	23.5	18.3	27.2	25.9	27.0	28.2	26.4	27.1

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AUGUST-2018

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	33.0	26.6	29.8	6.4	85	61	73	25	25	13.6	00.0	06.1	000.0
2	32.3	26.2	29.3	6.1	89	70	80	25	25	14.1	00.0	04.1	000.0
3	31.4	25.2	28.3	6.2	95	67	81	25	25	11.9	00.0	01.9	003.6
4	31.5	26.0	28.8	5.5	85	57	71	27	29	12.7	00.0	03.6	000.4
5	32.5	26.5	29.5	6.0	85	63	74	25	23	15.7	00.4	05.5	000.0
6	31.2	26.2	28.7	5.0	81	70	76	25	25	14.5	00.0	05.2	000.0
7	31.1	25.7	28.4	5.4	86	65	76	25	27	14.6	00.0	04.8	000.0
8	31.5	26.1	28.8	5.4	86	71	79	23	27	12.9	00.0	04.3	000.0
9	31.0	25.8	28.4	5.2	92	64	78	00	23	08.5	00.0	05.2	000.0
10	31.4	24.9	28.2	6.5	92	71	82	14	25	15.6	00.0	02.1	002.0
11	31.8	25.0	28.4	6.8	85	92	89	20	25	09.1	00.0	05.3	001.0
12	32.4	24.2	28.3	8.2	90	73	82	25	25	11.0	01.1	01.5	005.8
13	30.6	24.5	27.6	6.1	90	78	84	20	25	10.9	00.8	03.9	003.0
14	29.3	25.8	27.6	3.5	92	70	81	18	25	09.9	00.0	02.1	000.8
15	30.5	25.9	28.2	4.6	89	63	76	25	25	09.3	00.0	03.0	000.0
16	31.5	25.7	28.6	5.8	86	66	76	29	27	07.3	00.0	04.1	000.0
17	31.9	25.5	28.7	6.4	93	87	90	00	29	06.6	00.0	03.4	000.5
18	27.5	23.9	25.7	3.6	93	78	86	25	29	04.0	00.0	00.2	002.6
19	29.5	24.1	26.8	5.4	95	87	91	25	27	06.7	00.0	00.0	003.1
20	28.7	24.4	26.6	4.3	93	84	89	23	25	06.6	00.0	02.2	007.2
21	29.0	24.5	26.8	4.5	92	86	89	20	25	05.6	00.0	02.1	001.7
22	28.6	24.3	26.5	4.3	93	90	92	18	25	06.0	00.0	01.4	000.5
23	27.5	24.4	26.0	3.1	95	79	87	20	25	06.4	00.0	00.7	013.6
24	28.9	23.8	26.4	5.1	95	85	90	18	25	08.1	00.0	00.8	011.3
25	30.0	23.9	27.0	6.1	93	72	83	23	23	09.0	01.5	02.3	010.5
26	30.2	23.9	27.1	6.3	96	93	95	23	23	10.0	01.5	03.6	005.5
27	28.4	24.0	26.2	4.4	93	64	79	00	25	05.2	00.0	00.8	011.2
28	30.4	23.9	27.2	6.5	83	68	76	00	27	05.3	00.9	04.0	000.0
29	31.2	24.6	27.9	6.6	86	64	75	25	25	05.0	00.0	02.7	000.0
30	30.7	24.6	27.7	6.1	92	90	91	18	23	05.9	00.0	03.7	000.0
31	29.0	24.4	26.7	4.6	95	87	91	27	20	05.8	00.0	00.3	004.3
Total	945	775	860	170	2795	2315	2555			288	6	91	88.6
Mean	30.5	25.0	27.7	5.5	90	75	82			9.3	0.2	2.9	2.9
S.D.	1.5	0.9	1.1	1.1	4.2	10.7	6.7			3.6	0.5	1.7	4.0
C.V.%	4.9	3.6	3.9	20.3	4.7	14.3	8.1			38.3	225.1	59.1	139.5
High.	33.0	26.6	29.8	8.2	96.0	93.0	94.5			15.7	1.5	6.1	13.6
Low.	27.5	23.8	25.7	3.1	81.0	57.0	71.0			4.0	0.0	0.0	0.0

AUGUST-2018

Date	D.B. (ºC)		W.B. (ºC)		V.P. (mmHg)		Soil Temperature (ºC)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	27.8	25.8	31.8	26.0	23.6	21.6	30.5	29.1	30.7	37.0	33.4	31.1
2	27.0	25.6	29.8	25.6	23.8	22.0	30.3	29.0	30.7	36.3	32.0	31.0
3	26.4	25.8	30.8	26.0	24.5	22.3	29.1	28.3	29.9	35.3	31.5	30.6
4	27.4	25.5	32.2	25.6	23.1	20.6	29.6	28.5	30.6	37.0	33.1	30.9
5	27.6	25.6	30.8	25.4	23.3	20.9	30.4	28.6	31.2	36.9	32.3	31.5
6	27.4	25.0	29.6	25.4	22.3	21.7	29.9	28.2	30.0	36.5	31.1	30.6
7	26.8	25.0	30.4	25.4	22.7	21.2	29.6	28.0	30.3	36.7	31.8	30.6
8	27.3	25.6	29.6	25.6	23.5	22.1	35.3	29.3	30.7	37.0	32.0	31.0
9	26.8	25.8	30.8	25.6	24.3	21.5	30.3	28.8	30.7	36.1	32.6	31.4
10	26.4	25.4	31.0	26.6	23.8	23.3	29.3	28.1	30.2	36.7	32.0	31.1
11	26.2	25.4	26.0	25.0	21.9	23.2	29.5	28.3	30.5	37.0	31.8	31.0
12	25.8	24.6	29.8	26.0	22.5	22.9	28.4	27.6	30.0	36.8	30.2	30.0
13	26.6	25.4	29.0	26.0	23.6	23.3	28.8	26.7	29.3	31.4	29.2	29.5
14	26.6	25.6	30.2	26.0	24.1	22.7	28.9	27.5	29.4	33.0	29.9	29.6
15	27.0	25.6	31.2	25.8	23.8	21.6	29.0	27.9	29.3	34.8	31.0	29.7
16	27.2	25.4	30.6	25.6	23.2	21.6	29.5	28.0	29.9	35.7	32.0	30.2
17	26.2	25.4	26.4	24.8	23.9	22.5	29.4	28.0	29.7	30.3	28.5	29.7
18	25.6	24.8	29.0	25.6	22.9	22.5	28.4	27.1	28.8	31.3	28.8	29.0
19	25.4	24.8	26.6	25.0	23.1	22.9	28.5	26.9	28.7	30.2	28.2	28.9
20	25.6	24.8	27.2	25.2	22.9	22.9	28.4	27.0	28.6	30.8	28.4	28.3
21	26.0	25.0	27.0	25.2	23.2	22.9	28.0	26.8	28.5	30.5	28.4	28.6
22	26.0	25.2	26.2	25.0	23.6	23.1	28.4	26.7	28.6	29.9	28.2	28.5
23	25.4	24.8	28.4	25.6	23.1	22.9	28.0	26.6	28.3	31.4	28.9	28.6
24	25.0	24.4	27.6	25.6	22.5	23.3	28.1	26.7	28.4	31.6	29.2	28.6
25	25.4	24.6	29.0	25.6	22.7	22.1	27.8	26.5	28.3	32.0	29.1	28.7
26	24.6	24.2	26.0	25.2	22.4	23.6	27.8	26.4	28.3	30.0	28.1	28.4
27	25.4	24.6	30.2	25.0	22.7	20.6	27.8	26.1	28.2	31.8	28.7	28.5
28	25.6	24.4	30.0	25.4	22.3	21.5	27.5	26.4	28.2	32.4	29.3	28.8
29	26.6	24.8	30.6	25.4	22.4	21.1	28.5	27.0	28.8	32.6	30.1	29.4
30	25.6	24.6	26.4	25.2	22.5	23.3	27.9	26.8	28.5	30.0	28.2	28.6
31	25.4	24.8	26.0	24.4	23.1	22.0	27.5	26.2	28.2	30.5	28.1	28.3
Total	814	778	900	790	717	690	900	853	912	1040	936	921
Mean	26.3	25.1	29.0	25.5	23.1	22.2	29.0	27.5	29.4	33.5	30.2	29.7
S.D.	0.8	0.5	1.9	0.4	0.7	0.9	1.5	0.9	1.0	2.8	1.7	1.1
C.V.%	3.2	1.9	6.7	1.7	2.8	3.9	5.0	3.4	3.3	8.3	5.7	3.7
Highest	27.8	25.8	32.2	26.6	24.5	23.6	35.3	29.3	31.2	37.0	33.4	31.5
Lowest	24.6	24.2	26.0	24.4	21.9	20.6	27.5	26.1	28.2	29.9	28.1	28.3

SEPTEMBER-2018

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	27.9	23.4	25.7	4.5	96	83	90	18	23	07.2	00.0	00.2	004.1
2	29.2	23.0	26.1	6.2	96	93	95	23	25	06.8	00.0	01.2	011.7
3	28.5	23.4	26.0	5.1	96	75	86	29	27	06.0	00.0	00.0	025.2
4	29.6	24.0	26.8	5.6	90	66	78	23	29	06.4	00.0	02.9	002.2
5	30.3	23.5	26.9	6.8	87	60	74	29	25	06.4	00.0	03.3	000.0
6	30.6	23.4	27.0	7.2	85	58	72	25	25	07.1	08.3	04.5	000.0
7	31.4	23.5	27.5	7.9	88	58	73	18	25	07.9	08.9	04.9	000.0
8	31.0	23.2	27.1	7.8	90	68	79	18	25	06.1	05.9	03.9	000.0
9	29.5	23.0	26.3	6.5	88	75	82	18	16	05.0	00.0	02.8	000.0
10	28.6	23.4	26.0	5.2	90	68	79	18	27	05.1	00.0	02.6	001.0
11	30.4	23.3	26.9	7.1	92	56	74	18	27	05.0	03.0	03.5	001.1
12	31.9	23.2	27.6	8.7	87	59	73	20	25	06.0	08.9	04.4	000.0
13	31.3	23.4	27.4	7.9	83	66	75	16	25	07.1	04.9	04.0	000.0
14	31.0	24.1	27.6	6.9	87	60	74	16	23	06.5	03.3	03.3	000.0
15	32.2	24.0	28.1	8.2	84	51	68	16	25	06.7	07.6	05.1	000.0
16	33.4	23.5	28.5	9.9	88	55	72	16	23	04.8	09.3	05.5	000.0
17	32.5	23.5	28.0	9.0	83	47	65	34	36	04.2	08.4	05.4	000.0
18	33.7	23.5	28.6	10.2	83	53	68	00	29	03.9	09.0	05.5	003.1
19	32.4	23.4	27.9	9.0	82	56	69	34	29	02.9	09.2	04.9	000.0
20	33.0	24.0	28.5	9.0	82	56	69	34	29	03.9	09.3	05.2	000.0
21	33.4	23.6	28.5	9.8	87	51	69	02	36	05.1	08.4	05.6	003.1
22	34.5	23.6	29.1	10.9	81	45	63	99	34	03.7	09.1	05.2	000.0
23	35.0	26.0	30.5	9.0	90	71	81	25	25	05.0	06.6	05.5	000.0
24	32.4	24.7	28.6	7.7	86	54	70	23	25	07.0	01.3	05.0	000.0
25	33.0	24.0	28.5	9.0	86	49	68	00	29	05.1	08.9	03.8	000.0
26	34.0	23.9	29.0	10.1	88	40	64	00	25	04.1	09.8	05.5	000.0
27	34.4	22.9	28.7	11.5	87	35	61	18	09	03.7	09.8	04.8	000.0
28	35.6	23.5	29.6	12.1	68	30	49	16	14	03.0	10.4	06.0	000.0
29	37.0	21.6	29.3	15.4	47	28	38	34	36	02.8	10.5	06.7	000.0
30	36.7	20.9	28.8	15.8	67	33	50	32	29	02.7	10.3	06.5	000.0
Total	964	704	834	260	2544	1699	2122			157	181	128	51.5
Mean	32.1	23.5	27.8	8.7	85	57	71			5.2	6.0	4.3	1.7
S.D.	2.4	0.8	1.2	2.7	9.6	15.1	11.5			1.5	4.0	1.7	5.0
C.V.%	7.4	3.6	4.3	30.7	11.3	26.6	16.3			28.7	67.0	39.3	291.6
High.	37.0	26.0	30.5	15.8	96.0	93.0	94.5			7.9	10.5	6.7	25.2
Low.	27.9	20.9	25.7	4.5	47.0	28.0	37.5			2.7	0.0	0.0	0.0

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SEPTEMBER-2018

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	24.0	27.0	24.8	22.1	22.1	27.0	25.9	27.7	31.0	28.6	28.0
2	24.4	24.0	24.6	23.8	22.1	21.6	27.2	26.5	27.0	29.6	28.8	28.0
3	24.8	24.4	28.8	25.4	22.1	22.3	27.0	26.6	27.5	32.0	29.0	28.5
4	25.6	24.4	29.2	24.4	22.3	19.9	27.6	26.7	27.8	31.0	28.5	28.3
5	25.6	24.0	30.4	24.6	21.5	19.6	26.9	25.5	27.4	34.0	30.0	28.5
6	25.4	23.6	30.4	24.2	20.7	18.9	26.8	25.7	27.7	35.3	31.0	28.8
7	25.4	24.0	30.6	24.4	21.5	19.1	28.0	26.2	28.4	35.3	31.2	29.1
8	25.4	24.2	29.0	24.6	22.0	20.4	27.5	26.6	28.4	32.6	29.2	28.8
9	25.4	24.0	28.4	25.0	21.5	21.7	26.9	25.5	27.5	30.8	28.4	28.2
10	25.4	24.2	30.0	25.4	22.0	21.5	26.8	25.3	27.1	33.6	29.7	28.2
11	25.0	24.0	31.2	24.6	21.7	19.1	27.2	25.6	27.8	37.5	33.5	29.0
12	26.0	24.4	30.0	24.0	22.0	18.7	27.8	26.5	28.6	35.9	30.5	29.3
13	26.8	24.6	29.8	25.0	21.9	20.8	28.0	26.8	28.7	35.8	30.9	29.5
14	26.0	24.4	31.6	25.6	22.0	20.9	28.5	27.1	28.8	38.1	33.3	30.0
15	26.6	24.6	32.8	25.0	22.0	19.0	29.0	27.9	29.5	40.6	35.1	31.0
16	25.6	24.2	32.4	25.4	21.9	20.1	29.8	28.0	30.4	39.8	34.6	31.2
17	26.6	24.4	33.2	24.6	21.6	17.9	29.5	28.2	30.6	41.8	35.9	31.7
18	26.6	24.4	32.0	24.8	21.6	19.0	28.9	28.0	30.6	39.9	35.7	31.7
19	26.2	24.0	32.4	25.6	21.1	20.4	29.4	28.3	30.9	41.4	36.5	32.3
20	26.2	24.0	33.0	26.2	21.1	21.3	30.0	29.1	31.5	42.4	37.3	33.0
21	26.4	24.8	34.4	26.4	22.5	20.9	29.5	28.7	31.2	41.8	37.2	33.0
22	26.8	24.4	34.0	24.8	21.5	17.9	29.9	28.9	31.5	41.5	37.3	33.0
23	27.0	25.8	31.6	27.4	24.2	24.8	31.5	30.4	32.0	38.9	35.5	33.3
24	26.8	25.0	32.8	25.6	22.7	20.2	30.4	29.2	31.7	41.9	37.0	33.0
25	26.4	24.6	33.2	25.0	22.1	18.8	30.1	29.0	31.6	43.4	38.0	33.9
26	25.4	24.0	33.8	23.8	21.5	16.0	30.4	29.7	32.5	43.9	37.6	34.0
27	24.6	23.0	35.0	23.6	20.1	14.8	30.5	29.9	33.0	44.1	38.0	34.5
28	26.2	22.0	36.8	23.6	17.2	13.7	30.6	30.0	33.4	44.8	39.5	34.5
29	28.0	20.4	36.0	22.6	13.4	12.4	30.6	30.2	33.7	44.4	39.1	34.7
30	25.4	21.2	36.0	23.8	16.3	14.5	30.5	30.1	33.6	44.2	39.0	35.0
Total	776	719	950	744	636	578	864	832	898	1147	1016	932
Mean	25.9	24.0	31.7	24.8	21.2	19.3	28.8	27.7	29.9	38.2	33.9	31.1
S.D.	0.8	1.1	2.8	1.0	2.1	2.7	1.5	1.7	2.2	4.8	3.8	2.4
C.V.%	3.3	4.5	8.7	3.9	9.8	14.2	5.1	6.0	7.3	12.6	11.3	7.8
Highest	28.0	25.8	36.8	27.4	24.2	24.8	31.5	30.4	33.7	44.8	39.5	35.0
Lowest	24.4	20.4	24.6	22.6	13.4	12.4	26.8	25.3	27.0	29.6	28.4	28.0

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OCTOBER-2018

Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	36.2	20.7	28.5	15.5	73	29	51.0	32	32	2.6	10.3	05.6	000.0
2	36.0	21.6	28.8	14.4	75	29	52.0	00	99	2.1	9.7	05.1	000.0
3	37.5	23.1	30.3	14.4	58	29	43.5	00	36	2.3	10.2	05.7	000.0
4	36.8	23.7	30.3	13.1	65	33	49.0	32	14	3.0	10.0	06.2	000.0
5	37.7	24.1	30.9	13.6	61	41	51.0	02	34	3.0	10.0	05.7	000.0
6	38.5	23.9	31.2	14.6	73	32	52.5	18	11	2.4	9.5	05.8	000.0
7	39.1	23.5	31.3	15.6	63	29	46.0	23	36	2.4	9.8	06.4	000.0
8	38.9	23.3	31.1	15.6	62	31	46.5	11	11	2.4	8.8	05.4	000.0
9	39.0	23.1	31.1	15.9	71	33	52.0	00	36	2.8	9.2	05.8	000.0
10	37.8	22.9	30.4	14.9	73	32	52.5	00	34	2.8	9.6	05.6	000.0
11	37.6	23.6	30.6	14.0	61	28	44.5	36	34	2.9	8.9	05.6	000.0
12	36.6	24.4	30.5	12.2	54	31	42.5	07	99	3.0	8.5	06.5	000.0
13	37.6	22.9	30.3	14.7	64	24	44.0	00	34	3.0	7.0	06.0	000.0
14	38.0	21.8	29.9	16.2	74	24	49.0	00	34	2.4	7.8	06.2	000.0
15	37.2	19.8	28.5	17.4	64	27	45.5	25	27	03.0	08.2	06.2	000.0
16	37.1	20.0	28.6	17.1	83	26	54.5	34	34	02.4	09.5	05.0	000.0
17	36.4	19.1	27.8	17.3	78	26	52.0	00	29	02.1	09.8	04.9	000.0
18	36.6	22.0	29.3	14.6	81	31	56.0	00	34	03.1	09.3	04.0	000.0
19	36.0	22.8	29.4	13.2	78	36	57.0	36	34	02.6	10.0	04.2	000.0
20	36.4	22.8	29.6	13.6	75	28	51.5	11	34	03.2	09.1	05.3	000.0
21	37.5	21.0	29.3	16.5	62	21	41.5	00	05	02.5	09.4	05.4	000.0
22	38.5	19.4	29.0	19.1	62	18	40.0	00	34	02.4	10.1	05.8	000.0
23	37.7	19.9	28.8	17.8	59	27	43.0	00	34	02.9	10.2	05.7	000.0
24	36.5	22.9	29.7	13.6	62	24	43.0	02	29	03.8	10.2	06.0	000.0
25	36.4	20.4	28.4	16.0	74	24	49.0	00	07	03.0	10.0	05.4	000.0
26	37.5	18.8	28.2	18.7	58	21	39.5	99	34	02.5	10.0	05.6	000.0
27	37.6	19.9	28.8	17.7	72	20	46.0	05	11	03.0	08.7	05.4	000.0
28	38.0	20.1	29.1	17.9	59	23	41.0	05	02	02.3	09.9	05.1	000.0
29	38.1	19.0	28.6	19.1	60	17	38.5	00	09	03.0	09.4	05.5	000.0
30	38.0	19.0	28.5	19.0	57	19	38.0	00	99	02.8	09.5	05.6	000.0
31	36.6	17.6	27.1	19.0	61	21	41.0	00	09	02.3	09.6	04.9	000.0
Total	1159	667	913	492	2072	834	1453			84	292	172	0.0
Mean	37.4	21.5	29.5	15.9	67	27	47			2.7	9.4	5.5	0.0
S.D.	0.9	1.9	1.1	2.0	8.0	5.5	5.4			0.4	0.8	0.6	0.0
C.V.%	2.4	9.0	3.8	12.8	12.0	20.6	11.6			14.0	8.1	10.2	0.0
High.	39.1	24.4	31.3	19.1	83.0	41.0	57.0			3.8	10.3	6.5	0.0
Low.	36.0	17.6	27.1	12.2	54.0	17.0	38.0			2.1	7.0	4.0	0.0

OCTOBER-2018

Date	D.B. (°C) I	D.B. (°C) II	W.B. (°C) I	W.B. (°C) II	V.P. (mmHg) I	V.P. (mmHg) II	Soil Temperature (°C) 5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	25.4	22.0	35.4	22.6	17.8	12.7	30.6	30.2	33.6	43.8	38.9	34.9
2	23.8	20.8	37.0	23.6	16.6	13.6	31.6	30.4	34.0	44.9	40.0	35.5
3	27.4	21.6	36.6	23.4	15.8	13.5	31.5	31.0	34.3	44.1	39.0	35.0
4	27.6	22.8	37.6	25.0	17.9	16.0	31.7	31.2	34.4	44.4	39.2	35.6
5	29.6	24.0	37.4	26.6	18.9	19.5	32.5	32.1	34.8	45.1	40.2	36.0
6	28.0	24.4	39.0	25.8	20.7	16.8	32.9	32.3	35.0	45.4	40.3	36.2
7	29.6	24.4	38.4	24.6	19.7	14.7	33.5	32.8	35.4	45.0	40.0	36.5
8	28.2	23.0	38.2	25.0	17.9	15.7	32.5	32.0	35.3	45.0	40.1	36.4
9	27.4	23.6	37.2	24.8	19.5	15.9	33.0	32.3	35.5	44.5	40.0	36.2
10	27.2	23.6	37.4	24.6	19.6	15.3	32.8	32.4	35.1	43.6	38.9	35.8
11	26.4	21.2	36.4	23.0	15.7	12.9	32.5	32.1	34.8	43.5	38.0	35.4
12	27.8	21.4	37.0	24.0	15.2	14.3	31.9	32.0	34.7	43.5	38.4	35.5
13	26.8	22.0	37.2	22.6	16.9	11.6	32.0	31.7	34.9	43.8	38.9	35.3
14	24.6	21.4	36.6	22.2	17.1	11.2	31.5	31.0	34.8	43.0	38.6	35.3
15	25.0	20.4	36.0	22.4	15.2	12.0	30.8	31.0	34.6	43.3	38.6	35.4
16	24.0	22.0	36.0	22.2	18.7	11.6	30.4	30.5	34.0	43.3	38.0	35.0
17	24.2	21.6	36.4	22.4	17.8	11.8	30.5	30.7	33.8	43.0	37.5	34.4
18	26.2	23.8	35.4	23.0	20.7	13.5	31.5	31.2	34.0	43.5	37.9	35.0
19	26.8	24.0	36.0	24.6	20.7	16.2	31.4	31.3	33.9	43.0	37.5	35.0
20	26.2	23.0	37.0	23.4	19.1	13.2	31.1	31.0	34.0	43.5	38.0	35.0
21	25.0	20.2	37.8	22.0	14.8	10.2	30.6	30.9	34.1	44.1	38.9	35.2
22	24.2	19.4	37.2	21.0	14.0	08.7	30.0	30.3	33.9	43.5	37.4	34.3
23	23.4	18.4	36.0	22.4	12.9	12.0	29.6	30.0	33.5	43.1	37.0	34.1
24	26.0	21.0	36.0	21.6	15.6	10.5	29.9	29.7	33.1	43.0	37.0	34.0
25	26.8	23.4	37.0	22.4	19.5	11.4	30.5	30.6	33.4	43.6	37.5	34.2
26	24.0	18.8	37.4	24.8	13.1	10.0	29.6	30.0	33.2	43.5	37.6	34.3
27	24.4	21.0	37.6	21.8	16.6	09.9	30.0	30.4	33.5	43.6	37.8	34.5
28	26.0	20.6	37.4	22.4	14.9	11.2	30.5	30.7	33.4	43.8	37.9	34.3
29	23.8	18.8	37.4	20.6	13.2	8.2	29.5	29.8	33.5	43.8	37.8	34.2
30	23.6	18.2	36.0	20.4	12.4	8.7	29.4	29.6	33.3	43.0	36.4	34.0
31	22.0	17.4	36.0	21.0	12.1	9.5	28.5	28.9	32.9	42.5	36.1	33.5
Total	801	668	1144	716	521	392	964	960	1059	1357	1189	1086
Mean	25.9	21.6	36.9	23.1	16.8	12.7	31.1	31.0	34.2	43.8	38.4	35.0
S.D.	1.9	2.0	0.9	1.6	2.6	2.7	1.2	1.0	0.7	0.7	1.1	0.8
C.V.%	7.3	9.1	2.3	6.7	15.4	21.4	4.0	3.1	2.1	1.7	3.0	2.2
Highest	29.6	24.4	39.0	26.6	20.7	19.5	33.5	32.8	35.5	45.4	40.3	36.5
Lowest	22.0	17.4	35.4	20.4	12.1	8.2	28.5	28.9	32.9	42.5	36.1	33.5

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Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	36.0	18.4	27.2	17.6	57	24	40.5	34	14	02.4	09.6	05.2	000.0
2	36.7	21.4	29.1	15.3	62	28	45.0	11	36	02.5	09.6	05.3	000.0
3	37.0	22.0	29.5	15.0	65	27	46.0	00	29	02.5	08.4	05.3	000.0
4	36.9	21.5	29.2	15.4	60	27	43.5	00	02	03.0	09.6	05.2	000.0
5	37.6	21.4	29.5	16.2	63	28	45.5	34	23	03.2	09.3	05.5	000.0
6	37.9	22.4	30.2	15.5	70	27	48.5	00	11	03.1	08.1	05.8	000.0
7	37.6	19.1	28.4	18.5	80	15	47.5	20	36	02.4	09.4	05.8	000.0
8	36.0	15.0	25.5	21.0	61	21	41.0	00	07	02.9	09.9	05.2	000.0
9	35.6	14.9	25.3	20.7	62	20	41.0	00	99	02.3	09.7	05.0	000.0
10	35.5	16.5	26.0	19.0	67	21	44.0	00	36	02.1	09.6	04.9	000.0
11	36.4	17.0	26.7	19.4	76	21	48.5	00	32	02.1	09.8	05.1	000.0
12	36.1	18.0	27.1	18.1	74	27	50.5	00	29	02.1	09.3	05.4	000.0
13	35.6	21.9	28.8	13.7	78	34	56.0	34	25	03.2	09.1	04.8	000.0
14	34.5	20.0	27.3	14.5	84	34	59.0	00	16	03.3	09.4	04.4	000.0
15	34.6	19.6	27.1	15.0	86	30	58.0	00	16	03.1	09.1	04.6	000.0
16	36.5	19.8	28.2	16.7	67	22	44.5	18	36	02.6	08.8	04.3	000.0
17	35.5	15.4	25.5	20.1	63	18	40.5	16	36	03.0	09.3	04.8	000.0
18	35.0	16.0	25.5	19.0	76	22	49.0	00	29	02.8	09.5	04.9	000.0
19	35.4	17.5	26.5	17.9	80	26	53.0	00	34	02.1	09.2	04.8	000.0
20	35.5	17.4	26.5	18.1	78	25	51.5	34	36	03.0	09.2	05.3	000.0
21	36.3	17.0	26.7	19.3	77	22	49.5	00	32	02.7	09.4	04.8	000.0
22	35.7	17.4	26.6	18.3	65	22	43.5	16	34	02.1	08.3	04.5	000.0
23	36.2	21.5	28.9	14.7	62	26	44.0	25	07	03.2	08.3	05.1	000.0
24	36.5	18.9	27.7	17.6	53	14	33.5	27	34	03.8	08.3	05.6	000.0
25	35.6	16.5	26.1	19.1	56	13	34.5	00	36	03.2	08.5	05.4	000.0
26	34.5	16.4	25.5	18.1	61	29	45.0	16	14	03.0	08.4	05.0	000.0
27	34.5	18.9	26.7	15.6	71	31	51.0	00	29	02.8	03.1	04.9	000.0
28	33.1	19.0	26.1	14.1	66	30	48.0	00	11	02.2	02.5	03.9	000.0
29	34.0	17.6	25.8	16.4	70	30	50.0	05	07	02.2	03.8	04.5	000.0
30	34.4	14.9	24.7	19.5	64	30	47.0	36	02	02.6	08.0	04.7	000.0
Total	1073	553	813	519	2054	744	1399			82	255	150.0	0.0
Mean	35.8	18.4	27.1	17.3	69	25	47			2.7	8.5	5.0	0.0
S.D.	1.1	2.3	1.5	2.1	8.7	5.5	5.9			0.5	1.9	0.4	0.0
C.V.%	3.1	12.5	5.5	12.0	12.6	22.1	12.6			16.8	22.4	8.8	0.0
High.	37.9	22.4	30.2	21.0	86.0	34.0	59.0			3.8	9.9	5.8	0.0
Low.	33.1	14.9	24.7	13.7	53.0	13.0	33.5			2.1	2.5	3.9	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	18.6	36.4	22.0	12.8	11.0	28.7	29.0	32.9	42.6	36.4	33.5
2	24.8	20.0	36.4	23.0	14.5	12.9	29.9	30.1	32.9	42.5	36.1	33.6
3	25.0	20.6	36.4	22.6	15.5	12.1	30.4	30.5	32.9	43.0	36.1	33.6
4	25.8	20.6	36.2	22.6	15.0	12.2	30.6	30.5	33.3	43.5	37.1	34.1
5	25.4	20.6	37.4	23.6	15.3	13.4	30.8	30.9	33.4	43.7	37.4	34.3
6	25.6	21.8	37.0	23.0	17.2	12.5	31.2	31.0	33.5	43.5	36.9	34.4
7	24.0	21.6	35.4	19.0	17.9	06.5	30.1	30.0	33.3	42.4	36.2	33.9
8	21.6	17.0	35.2	20.4	11.8	09.0	27.0	27.2	32.0	41.0	35.1	33.0
9	21.8	17.4	34.6	19.8	12.2	08.3	27.2	27.4	31.4	40.9	34.5	32.5
10	21.2	17.4	35.0	20.2	12.6	08.7	27.5	27.9	31.4	41.0	34.9	33.1
11	22.4	19.6	35.0	20.4	14.2	09.1	28.0	28.2	31.5	41.3	35.5	32.3
12	21.4	18.4	35.4	22.0	14.1	11.6	27.6	27.8	31.3	40.7	34.3	32.0
13	24.0	21.4	34.4	22.8	17.5	13.7	29.4	29.7	31.5	40.9	34.4	32.0
14	22.8	21.0	34.6	23.0	17.5	14.0	28.7	28.8	31.5	40.5	34.2	32.1
15	23.0	21.4	36.4	23.4	18.1	13.6	29.0	29.2	31.7	41.4	35.1	32.3
16	23.0	19.0	35.0	20.6	14.1	09.4	29.0	29.4	32.2	40.7	34.5	32.3
17	20.4	16.2	34.8	19.4	11.2	07.5	26.6	27.0	30.9	39.6	33.5	31.5
18	20.8	18.2	35.0	20.6	14.1	09.4	26.7	27.0	31.2	41.5	35.3	32.4
19	21.2	19.0	35.0	21.6	15.2	11.2	27.2	27.5	30.7	41.6	35.5	32.5
20	21.0	18.6	35.6	21.6	14.5	10.8	27.3	27.5	30.8	41.8	35.9	32.9
21	21.0	18.4	35.0	20.6	14.3	09.4	27.2	27.4	30.7	41.1	35.6	32.5
22	22.8	18.6	35.8	21.0	13.5	09.6	26.9	27.2	30.9	40.0	33.5	31.5
23	23.4	18.8	35.6	22.0	13.5	11.5	29.5	29.8	31.1	41.4	34.0	32.7
24	23.8	17.8	35.0	18.4	11.6	05.8	29.0	29.5	30.9	40.8	33.9	32.5
25	22.0	16.8	34.4	18.0	11.2	05.5	26.8	27.0	30.3	40.5	33.7	32.2
26	20.0	15.6	34.0	21.4	10.7	11.4	26.5	26.6	29.6	39.0	33.2	30.6
27	20.6	17.4	32.8	21.0	13.0	11.5	27.4	27.5	30.5	37.0	32.5	30.9
28	22.0	18.0	33.6	21.4	13.0	11.7	27.1	27.3	30.0	38.4	33.0	30.7
29	21.8	18.4	34.0	21.8	13.8	12.1	25.5	26.1	30.0	39.0	33.4	30.5
30	18.4	14.6	33.4	21.2	10.2	11.5	24.9	25.3	29.6	38.0	32.5	30.0
Total	675	563	1055	638	420	317	844	850	944	1229	1044	972
Mean	22.5	18.8	35.2	21.3	14.0	10.6	28.1	28.3	31.5	41.0	34.8	32.4
S.D.	1.8	1.8	1.1	1.4	2.2	2.3	1.6	1.5	1.1	1.6	1.4	1.1
C.V.%	8.1	9.8	3.0	6.8	15.4	21.8	5.7	5.4	3.6	3.9	3.9	3.5
Highest	25.8	21.8	37.4	23.6	18.1	14.0	31.2	31.0	33.5	43.7	37.4	34.4
Lowest	18.4	14.6	32.8	18.0	10.2	5.5	24.9	25.3	29.6	37.0	32.5	30.0

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Date	Temperature (°C)				RH. %			W.D (degree)		W.S.	B.S.S	Evapo.	Rainfall
	Max	Min	Mean	Range	I	II	Mean	I	II	(km/h)	(hrs)	(mm)	(mm)
1	33.9	15.1	24.5	18.8	64	28	46	00	07	02.2	07.1	04.0	000.0
2	33.5	14.4	24.0	19.1	76	34	55	00	36	02.1	04.7	03.8	000.0
3	31.4	14.2	22.8	17.2	80	29	55	00	18	02.1	00.7	03.5	000.0
4	32.4	16.6	24.5	15.8	77	38	58	00	09	02.0	05.1	03.5	000.0
5	33.5	16.5	25.0	17.0	81	38	60	00	29	02.2	01.1	02.9	000.0
6	32.5	15.0	23.8	17.5	84	26	55	00	99	02.0	01.2	02.8	000.0
7	32.2	14.5	23.4	17.7	85	23	54	00	34	02.3	05.4	02.8	000.0
8	31.3	12.4	21.9	18.9	65	24	45	00	36	02.4	05.8	04.0	000.0
9	31.5	18.9	25.2	12.6	85	21	53	02	36	03.9	05.5	04.7	000.0
10	31.0	15.1	23.1	15.9	77	45	61	00	32	03.5	06.8	05.1	000.0
11	30.5	18.8	24.7	11.7	87	49	68	20	29	03.2	05.2	03.0	000.0
12	30.0	16.1	23.1	13.9	82	33	58	00	34	02.3	01.7	02.7	000.0
13	30.6	14.5	22.6	16.1	63	21	42	00	07	06.2	04.6	05.9	000.0
14	28.3	17.4	22.9	10.9	38	23	31	05	02	07.9	08.0	06.8	000.0
15	27.8	16.0	21.9	11.8	62	30	46	00	05	08.1	06.8	06.9	000.0
16	29.7	19.3	24.5	10.4	48	31	40	05	02	06.0	03.6	06.0	000.0
17	28.7	13.4	21.1	15.3	52	21	37	18	05	07.3	00.1	05.8	000.0
18	28.6	10.9	19.8	17.7	56	19	38	07	11	04.4	07.0	05.3	000.0
19	30.1	9.6	19.9	20.5	67	15	41	00	34	03.5	07.7	04.8	000.0
20	31.0	9.0	20.0	22.0	64	29	47	00	07	02.7	08.7	04.4	000.0
21	30.0	10.4	20.2	19.6	73	31	52	00	25	02.5	07.0	04.0	000.0
22	30.5	11.5	21.0	19.0	74	27	51	00	34	02.2	06.6	04.4	000.0
23	31.0	11.1	21.1	19.9	82	31	57	00	27	02.0	08.2	04.0	000.0
24	31.1	13.4	22.3	17.7	76	31	54	00	34	02.7	08.0	04.6	000.0
25	30.1	18.9	24.5	11.2	33	19	26	07	34	06.8	02.5	03.5	000.0
26	29.0	11.6	20.3	17.4	42	22	32	29	05	07.0	05.2	05.8	000.0
27	27.9	11.9	19.9	16.0	74	29	52	00	05	05.1	05.8	06.1	000.0
28	28.6	7.0	17.8	21.6	61	21	41	00	07	03.0	06.5	04.2	000.0
29	28.5	6.5	17.5	22.0	52	17	35	02	05	03.0	07.9	03.9	000.0
30	30.1	9.1	19.6	21.0	65	22	44	00	36	02.9	09.2	04.3	000.0
31	30.6	9.7	20.2	20.9	60	22	41	07	16	02.1	07.6	04.2	000.0
Total	946	419	682	527	2085	849	1467			116	171	138	0.0
Mean	30.5	13.5	22.0	17.0	67	27	47			3.7	5.5	4.4	0.0
S.D.	1.6	3.5	2.1	3.4	14.6	7.9	10.0			2.0	2.5	1.2	0.0
C.V.%	5.4	26.1	9.7	20.2	21.6	28.7	21.0			53.3	45.6	26.4	0.0
High.	33.9	19.3	25.2	22.0	87.0	49.0	68.0			8.1	9.2	6.9	0.0
Low.	27.8	6.5	17.5	10.4	33.0	15.0	26.0			2.0	0.1	2.7	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	20.0	32.6	16.0	20.4	11.2	10.5	25.1	25.3	29.7	38.0	32.6	30.0
2	17.8	29.4	15.4	19.2	11.7	10.5	24.7	24.9	29.2	36.3	30.9	29.5
3	15.4	32.4	13.6	20.4	10.6	10.7	23.9	24.1	28.3	36.9	31.1	29.0
4	19.2	32.0	16.8	22.0	12.9	13.7	25.4	25.0	28.5	36.9	31.2	29.2
5	19.0	32.0	17.0	22.0	13.3	13.7	25.5	25.6	28.7	36.7	31.0	29.1
6	17.2	32.0	15.6	19.4	12.3	09.2	24.6	24.8	28.5	36.3	30.9	29.0
7	16.8	31.0	15.4	18.0	12.3	07.6	24.4	24.5	28.3	35.5	30.5	28.9
8	16.0	31.0	12.6	18.4	08.9	08.3	23.0	23.3	27.9	35.3	30.0	28.5
9	20.8	30.6	16.0	17.4	10.7	06.9	24.3	24.5	28.0	35.4	30.2	28.6
10	19.0	29.8	16.6	21.4	12.7	14.0	24.4	24.5	28.1	35.0	30.3	28.5
11	20.8	29.0	19.4	21.6	16.1	14.8	26.4	26.0	28.2	34.9	30.4	28.6
12	20.6	30.0	18.6	19.4	14.9	10.5	25.4	25.1	28.0	35.1	30.8	28.8
13	16.0	27.6	12.4	15.4	08.6	05.7	24.6	24.7	28.4	34.5	29.4	28.6
14	20.6	27.2	13.2	15.6	06.9	06.3	23.8	23.6	27.3	34.4	29.2	27.5
15	17.8	29.4	13.8	18.4	09.4	09.1	23.8	23.9	27.2	35.3	29.1	27.6
16	21.6	27.6	15.4	17.4	09.4	08.7	25.8	25.2	27.5	36.5	29.4	28.0
17	17.0	28.2	12.0	15.8	07.5	06.0	23.6	23.7	27.3	35.6	29.1	27.6
18	15.0	29.6	10.8	16.4	07.2	06.0	21.1	22.0	26.3	34.9	28.8	26.8
19	11.4	30.4	8.6	16.0	06.7	04.9	20.4	21.1	26.2	35.5	29.2	26.5
20	11.6	29.6	8.4	18.4	06.5	09.1	19.9	20.6	25.8	34.8	28.5	26.2
21	13.8	30.0	11.4	19.0	08.7	09.8	20.8	21.1	25.7	35.0	28.9	26.2
22	15.0	30.0	12.6	18.2	09.5	08.5	21.3	21.9	25.8	35.2	29.2	26.4
23	13.6	31.0	12.0	19.8	09.9	10.5	21.4	21.9	26.0	35.5	29.8	26.6
24	15.6	29.6	13.4	18.8	01.2	09.7	22.4	22.6	26.2	33.1	28.4	26.5
25	20.8	28.4	12.6	15.6	06.0	05.6	23.5	23.7	26.4	33.9	28.7	26.7
26	17.6	27.6	11.4	25.6	06.4	06.0	21.6	22.0	25.7	32.8	27.6	26.0
27	14.4	28.2	12.0	17.4	09.1	08.3	21.9	22.0	25.4	34.0	28.5	26.0
28	10.6	28.0	7.4	15.8	05.8	06.1	18.6	19.0	24.7	33.5	27.4	25.1
29	10.8	29.0	6.8	15.6	05.0	05.2	18.2	18.9	24.3	34.1	27.6	25.4
30	13.8	29.8	10.6	17.0	07.7	06.8	19.0	19.3	24.5	34.9	28.2	25.0
31	13.6	31.6	10.0	18.4	07.1	07.8	19.9	20.2	24.6	35.8	29.1	25.4
Total	513	925	408	574	286	271	709	715	837	1092	916	852
Mean	16.6	29.8	13.2	18.5	9.2	8.7	22.9	23.1	27.0	35.2	29.5	27.5
S.D.	3.2	1.5	3.1	2.4	3.2	2.7	2.3	2.1	1.5	1.2	1.2	1.5
C.V.%	19.5	5.2	23.9	12.9	34.3	31.3	10.1	8.9	5.6	3.3	4.1	5.3
Highest	21.6	32.6	19.4	25.6	16.1	14.8	26.4	26.0	29.7	38.0	32.6	30.0
Lowest	10.6	27.2	6.8	15.4	1.2	4.9	18.2	18.9	24.3	32.8	27.4	25.0

APPENDIX - 2

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

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

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