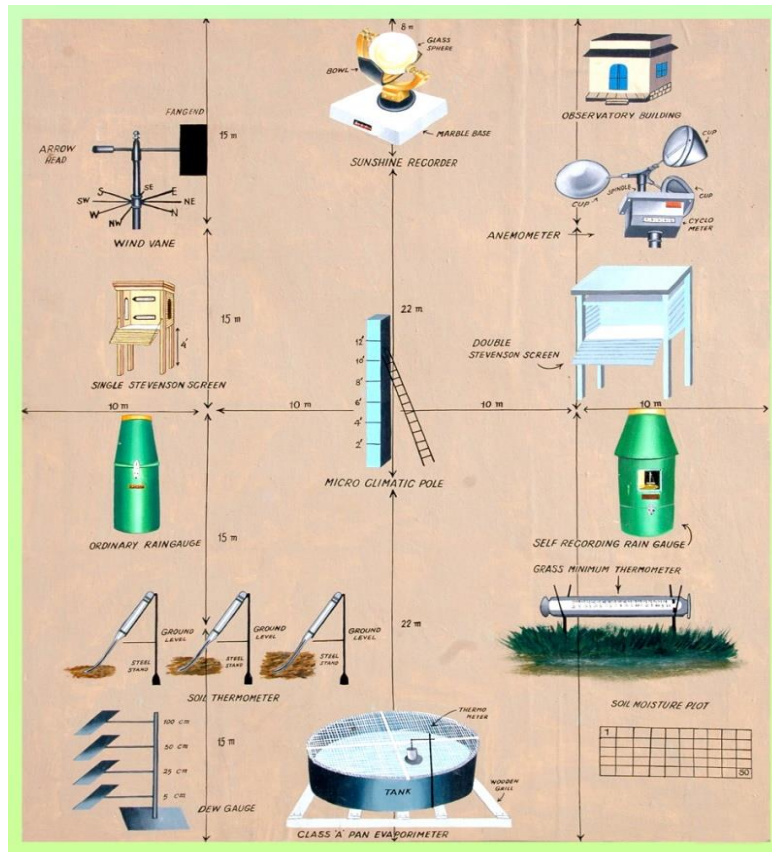


Annual Weather Report : 2021



*M.C. Chopada, R.K.Mathukia, B.V. Parmar D.R. Vaghasiya
U.B.Parmar and K.V.Malam*



**AGROMETEOROLOGICAL CELL
DEPARTMENT OF AGRONOMY
COLLEGE OF AGRICULTURE
JUNAGADH AGRICULTURAL UNIVERSITY
JUNAGADH – 362 001**

PREFACE

Crop yield is the function of many factors like weather, soil fertility and water management. Of these, weather plays an important role. The yield of a crop depends on the weather conditions during a particular season. Agro-meteorological observations are also useful to study the crop weather relationship and climate change studies of the region.

*The **Annual Weather Report** has been published by this department every year using observed weather data at the observatory located at Instructional Farm, Department of Agronomy, College of Agriculture, Junagadh Agricultural University, Junagadh. 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 37 years (1985-2021) 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.

*Professor and Head
Department of Agronomy
College of Agriculture
JAU, Junagadh*

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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, College of Agriculture, Junagadh Agricultural University, Junagadh from 1st January, 2021 to 31st December, 2021 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 37 years (1985-2021) 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 1367.8 mm was received in 47 rainy days. Whereas, monsoon rainfall of 1227.5 mm was received in 38 rainy days during the year 2021. The rainfall during pre and post monsoon seasons 62.7 mm in 4 rainy days and 77.6 mm in 5 rainy days was received respectively in the reporting year.

The rain commenced from 19th June at normal onset of monsoon and extended up to 13th October.

2. Maximum temperature

The highest maximum temperature of 42.2^o C was recorded on 14th April, 2021.

3. Minimum Temperature

The lowest minimum temperature of 6.7^o C was recorded on 31th January, 2021.

Summary of weather parameter during 2021

Annual rainfall (rainy days)	:	1367.8 (47)
Seasonal rainfall (rainy days)	:	1227.5 (38)
Pre monsoon season rainfall (rainy days)	:	62.7 (4)
Post monsoon season rainfall (rainy days)	:	77.6 (5)
Onset of monsoon	:	19 th June, 2021
Withdrawal of monsoon	:	13 th October, 2021
Maximum temperature	:	42.2 ^o C (14/04/2021)
Minimum temperature	:	6.7 ^o C (31/01/2021)
Wind speed	:	5.8 km/hour
Evaporation	:	5.3 mm / day
Bright sunshine	:	6.1 hrs

TABLE-1 DAILY RAINFALL (mm) AT JUNAGADH –YEAR:2021

Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1									42.2	16.7		
2									16.0			
3								0.7	6.0			
4					1.7			0.8	30.3			
5									0.5			
6									6.0			
7									3.5			
8									14.9	1.3		
9									118.1	19.6		
10								6.6	0.2	14.6		
11								1.0	0.2	12.6		
12							2.4	0.0		0.7		
13							13.8	5.8	113.0	12.1		
14							68.6	2.3	231.5			
15							2.5		45.4			
16							1.3		3.1			
17						1.2	31.5		25.5			
18				9.6	44.2	1.4	7.3		2.6			
19					3.6	22.4	1.4					
20						27.6	1.4					
21						7.4	5.5	1.3	9.2			
22							0.7	10.4	17.0			
23							0.5		1.4			
24						3.0		0.7	14.5			
25							1.0	2.0	6.8			
26						0.9	113.8					
27							6.3					
28						0.3	1.0	0.3	16.5			
29							1.2		57.8			
30						16.8	0.5		61.0			
31								10.7				
Total				9.6	53.1	81.0	260.7	42.6	843.2	77.6		
R. Days				1	3	5	8	4	21	5		
Grand Total : 1367.8					Rainy Days: 47							
< 2.5	31	28	31	29	28	25	23	27	9	26	30	31
2.5 - 10	0	0	0	1	2	2	4	2	7	0	0	0
10.- 30	0	0	0	0	0	3	1	0	6	5	0	0
30-60	0	0	0	0	1	0	1	0	4	0	0	0
>60	0	0	0	0	0	0	2	0	4	0	0	0

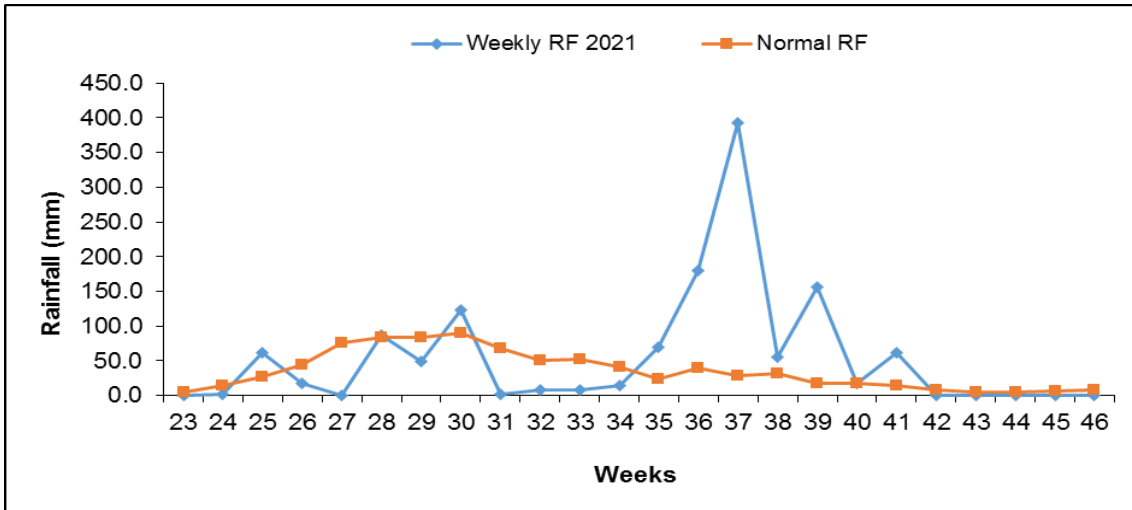


Fig. 1:- Weekly rainfall pattern: 2021

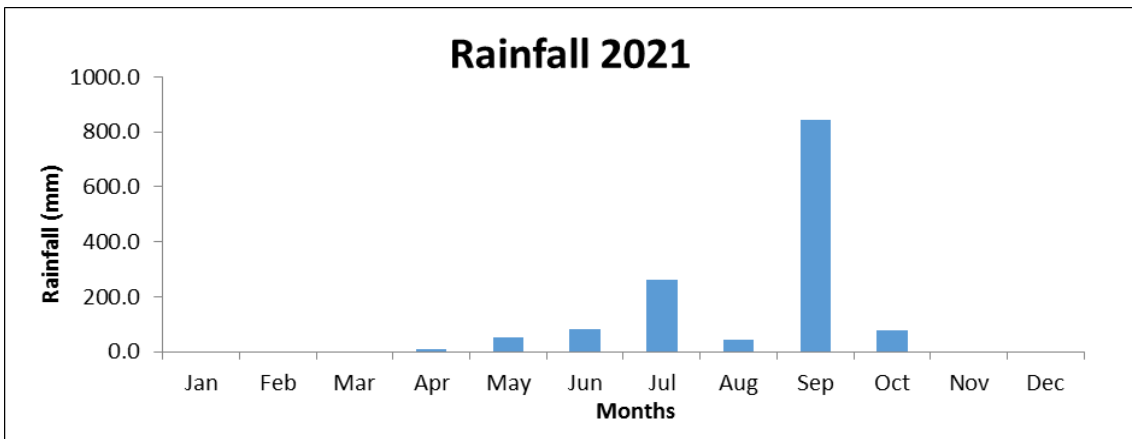


Fig. 2:- Monthly rainfall pattern:2021

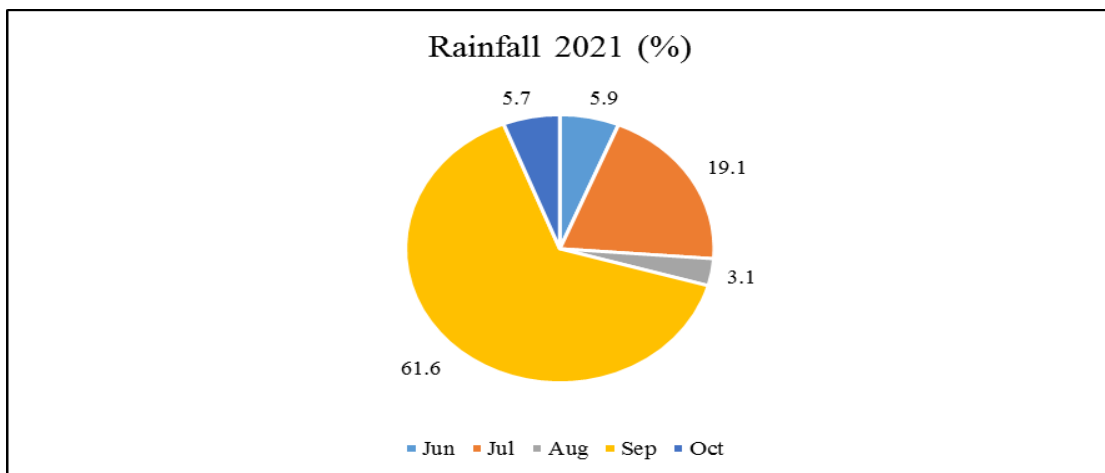


Fig. 3:- Monthly rainfall pattern: 2021

TABLE-2(A) WEEKLY MEAN WEATHER DATA- I DURING 2021

Week No.	Temp. °C		R.H. %		W.S.	BSS	Evapo.	Total	Rainy
	Max	Min	I	II	(kmph)	(hrs)	(mm)	rainfall (mm)	Days
1-J	25.3	12.0	64	33	6.3	3.9	4.2	0.0	0
2	28.3	13.2	70	38	7.3	4.4	4.9	0.0	0
3	29.0	10.8	70	31	3.9	6.5	4.2	0.0	0
4	28.3	9.5	72	24	4.3	5.9	4.6	0.0	0
5	30.5	10.2	71	22	3.7	6.6	4.9	0.0	0
6-F	31.1	10.9	64	19	3.7	8.0	5.0	0.0	0
7	31.5	13.7	71	28	3.4	8.5	4.6	0.0	0
8	34.6	16.8	63	23	3.7	10.2	6.3	0.0	0
9	35.2	17.2	60	18	5.2	10.3	7.0	0.0	0
10-M	37.6	17.6	80	17	4.1	9.8	7.6	0.0	0
11	37.5	20.3	60	15	4.8	10.1	7.7	0.0	0
12	37.4	21.0	60	17	4.9	9.5	8.2	0.0	0
13	40.1	20.7	59	19	5.1	10.0	9.0	0.0	0
14-A	40.1	21.8	86	17	5.2	9.9	8.5	0.0	0
15	40.9	22.6	61	12	5.9	9.5	9.3	0.0	0
16	39.3	23.3	80	20	5.5	9.1	7.6	9.6	1
17	40.1	25.5	73	23	5.3	7.5	8.0	0.0	0
18	40.3	25.2	69	24	5.5	8.8	8.4	1.7	0
19-M	39.9	25.4	77	31	7.4	10.2	9.3	0.0	0
20	36.3	25.8	79	45	8.8	3.4	7.2	47.8	2
21	38.1	26.4	78	42	8.8	9.2	8.5	3.6	1
22	37.9	26.9	77	48	10.3	8.8	8.7	0.0	0
23-J	38.2	27.3	77	50	8.8	7.0	7.4	0.0	0
24	37.8	28.0	79	45	12.6	5.6	8.7	1.2	0
25	34.0	25.1	85	67	8.5	1.4	5.0	61.8	4
26	35.1	26.2	82	56	7.6	2.9	4.9	18.0	1
27-J	36.5	26.0	78	46	10.6	5.7	7.2	0.0	0
28	33.6	25.3	87	72	6.8	1.4	3.8	87.3	3
29	31.4	25.0	76	81	8.7	1.6	2.4	49.1	3
30	30.3	24.6	92	82	10.1	0.0	2.0	123.8	2
31	30.5	24.8	85	71	12.3	0.1	2.5	2.0	0
32-A	32.5	24.3	88	65	7.5	1.4	4.4	7.6	1
33	32.9	24.3	84	57	6.5	3.5	4.4	8.1	1
34	31.8	23.8	90	73	4.6	2.3	2.9	14.4	1
35	32.3	23.4	89	69	5.4	3.4	3.9	69.2	3
36-S	30.1	23.7	94	83	5.5	1.4	2.1	179.3	6
37	29.3	24.5	96	88	4.7	0.9	2.0	393.4	4
38	30.4	25.0	94	77	5.0	2.3	2.5	55.7	4
39	30.6	24.2	92	80	4.6	3.5	1.7	156.6	5
40-O	33.1	25.1	86	61	5.0	8.3	3.8	16.7	1
41	34.1	24.3	81	68	3.0	6.1	3.3	60.9	4
42	34.5	20.2	72	35	3.1	9.5	4.4	0.0	0
43	33.1	20.2	78	39	3.6	9.8	4.1	0.0	0
44	33.9	16.2	69	32	2.5	9.5	4.3	0.0	0
45-N	33.7	17.4	63	28	2.7	5.5	3.7	0.0	0
46	32.8	15.9	68	35	4.2	6.9	4.8	0.0	0
47	32.7	20.8	73	49	3.7	4.1	4.5	0.0	0
48	32.1	16.2	77	49	2.8	6.0	4.0	0.0	0
49-D	28.6	16.8	70	45	4.5	2.8	3.8	0.0	0
50	29.9	15.4	59	35	4.3	7.1	4.4	0.0	0
51	28.6	10.9	60	32	3.8	8.3	4.1	0.0	0
52	27.9	14.8	77	48	4.1	7.1	3.4	0.0	0
Mean	33.7	20.7	76	44	5.8	6.1	5.3	1367.8	47
S.D.	3.9	5.3	10	22	2.5	3.2	2.2	65.6	1.6
C.V.%	11.7	25.7	14	50	42.6	53.0	42.2	4.8	3.3
Highest	40.9	28.0	96	88	12.6	10.3	9.3	393.4	6.0
Lowest	25.3	9.5	59	12	2.5	0.0	1.7	0.0	0.0

TABLE-2(B) WEEKLY MEAN WEATHER DATA- II DURING 2021

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	14.7	25.0	11.2	15.8	18.5	19.9	24.0	29.7	26.3	24.8
2	16.3	28.0	13.2	17.9	19.7	21.7	25.6	31.9	29.0	26.8
3	15.3	28.8	12.3	18.1	19.3	21.6	26.4	32.6	29.3	27.4
4	13.0	27.7	10.6	16.2	19.1	21.4	26.2	32.3	29.0	27.2
5	13.5	30.2	11.0	17.3	19.3	21.6	26.1	33.0	29.3	27.2
6-F	15.4	30.9	11.8	17.1	20.5	22.9	27.6	34.7	29.2	28.6
7	16.9	31.3	14.0	19.3	22.3	24.5	28.7	35.6	31.7	29.7
8	19.6	34.1	15.6	20.1	24.5	26.5	31.0	39.0	34.1	32.0
9	20.1	35.1	15.7	19.5	25.0	27.7	32.2	40.0	34.9	33.3
10-M	21.5	36.9	19.2	20.3	26.5	28.9	33.4	42.7	36.7	34.7
11	23.4	37.1	18.3	19.9	27.5	29.9	34.4	44.0	37.7	35.7
12	25.2	37.0	19.9	20.4	29.0	30.9	35.3	44.3	38.6	36.6
13	26.1	39.3	20.3	22.3	29.0	31.4	36.1	46.3	40.3	38.0
14-A	24.9	39.7	23.3	22.2	30.7	32.6	37.2	46.7	40.9	38.6
15	26.7	40.2	21.5	21.0	31.0	32.7	37.2	46.5	41.1	38.6
16	26.7	38.8	24.1	22.8	30.2	32.4	37.2	45.5	41.6	38.8
17	28.3	39.7	24.6	23.6	32.5	34.0	38.5	46.0	42.1	39.8
18	28.5	39.5	24.0	23.9	32.7	34.2	38.9	47.0	42.8	40.2
19-M	28.7	38.5	25.5	25.0	33.6	35.2	39.4	47.3	43.2	40.7
20	28.8	35.5	25.9	25.0	31.4	33.4	37.5	39.5	38.0	38.2
21	29.8	37.3	26.8	26.8	31.1	32.6	36.7	42.3	40.0	38.4
22	30.0	37.1	26.9	28.0	33.5	34.6	38.7	44.0	41.7	40.0
23-J	30.0	37.0	26.9	28.3	34.3	35.1	39.0	43.1	40.7	39.9
24	30.3	36.9	27.4	27.3	34.2	35.3	39.3	42.5	40.0	39.9
25	28.5	31.6	26.5	26.4	29.9	30.8	34.9	32.6	33.1	35.1
26	28.7	33.7	26.3	26.5	30.0	30.9	34.5	36.7	35.9	35.3
27-J	29.3	35.4	26.3	26.2	31.4	32.3	36.1	41.2	39.2	37.5
28	28.7	31.7	26.9	27.4	31.0	31.9	35.3	36.5	35.4	36.0
29	28.1	29.5	26.6	26.9	28.6	29.6	33.0	31.4	31.6	33.4
30	27.3	29.0	26.3	26.5	27.7	28.4	31.4	29.5	29.7	31.3
31	27.5	29.9	25.6	25.7	27.3	28.1	31.0	31.8	31.0	31.6
32-A	27.3	31.2	25.8	26.0	28.7	29.9	33.0	34.9	34.1	33.8
33	27.4	32.3	25.3	25.6	28.9	29.9	33.3	36.6	35.2	34.4
34	26.8	30.1	25.3	26.3	28.9	29.7	33.1	35.1	34.3	34.0
35	26.7	31.1	25.3	26.4	29.3	30.0	33.8	36.3	35.4	34.7
36-S	26.5	28.3	25.9	26.1	27.6	28.8	31.5	31.1	31.2	32.1
37	26.3	28.1	25.8	26.5	27.6	28.2	30.5	29.8	29.5	30.8
38	26.7	29.6	25.9	26.4	27.5	28.1	30.7	31.2	30.8	31.3
39	26.3	29.1	25.3	26.3	27.2	27.9	30.5	31.1	29.2	31.0
40-O	27.9	33.1	26.0	27.2	28.2	28.9	31.5	35.5	34.2	32.7
41	27.9	30.8	25.4	25.7	28.0	28.9	31.7	34.4	33.6	33.1
42	26.2	33.7	22.6	22.5	25.5	26.7	30.6	34.1	33.4	31.9
43	24.8	32.3	22.1	22.3	24.9	26.5	30.2	34.3	33.3	31.7
44	22.1	33.4	18.5	21.7	23.4	25.1	29.5	35.6	33.2	31.0
45-N	22.0	32.3	17.6	20.3	23.7	25.2	29.4	34.2	32.7	30.5
46	20.8	30.9	17.2	20.2	23.3	25.1	28.9	34.2	32.3	30.1
47	25.1	32.3	21.8	24.2	26.3	27.5	30.7	37.2	34.4	32.2
48	21.2	28.9	18.6	20.9	23.2	25.1	29.4	32.7	30.8	30.1
49-D	20.5	29.1	17.0	20.8	22.6	24.4	27.8	33.4	30.4	28.8
50	20.3	27.2	15.6	20.2	22.1	23.9	28.3	33.3	31.1	29.4
51	17.9	27.7	13.0	17.5	19.3	21.1	25.7	32.6	29.6	27.2
52	19.2	26.7	16.9	19.6	21.5	23.3	26.8	32.1	29.8	27.6
Mean	24.3	32.7	21.4	23.0	26.9	28.4	32.3	37.0	34.5	33.3
S.D.	4.9	5.3	4.1	3.6	4.4	4.2	4.2	5.5	4.5	4.2
C.V.%	20.1	16.3	19.0	15.5	16.4	14.6	12.9	14.7	13.1	12.7
Highest	30.3	40.2	40.2	28.3	34.3	35.3	39.4	47.3	43.2	40.7
Lowest	13.0	25.0	10.6	15.8	18.5	19.9	24.0	29.5	26.3	24.8

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:2021

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	27.8	11.0	19.4	68	30	49	5.4	5.5	4.6	0.0	0
Feb	32.6	14.0	23.3	68	24	46	3.6	8.5	5.3	0.0	0
March	37.7	19.4	28.6	62	16	39	4.8	10.0	8.0	0.0	0
April	40.1	23.2	31.7	75	18	47	5.5	9.0	8.4	9.6	1
May	38.4	25.9	32.2	76	37	57	8.0	7.9	8.3	53.1	3
June	36.6	26.7	31.6	80	54	67	9.5	4.9	6.8	81.0	5
July	32.7	25.2	28.9	83	70	77	9.3	2.0	3.7	260.7	8
August	32.4	24.1	28.3	87	65	76	7.1	2.4	3.8	42.6	4
Sept.	30.0	24.2	27.1	94	83	88	4.8	1.9	2.1	843.2	21
October	33.7	21.8	27.8	78	49	64	3.6	8.5	3.9	77.6	5
Nov.	33.3	17.3	25.3	69	36	53	3.1	6.5	4.3	0.0	0
Dec.	28.7	14.8	21.7	68	43	56	4.2	5.9	3.9	0.0	0
Total	404.0	247.8	325.9	910.0	526.1	718.1	69.0	73.1	63.3	1367.8	47.0
Mean	33.7	20.6	27.2	76	44	60	5.7	6.1	5.3	114.0	3.9
S.D.	3.9	5.2	4.0	9.2	21.1	14.8	2.2	2.8	2.1	241.3	6.0
C.V.%	11.5	25.3	14.9	12.2	48.1	24.7	38.5	46.5	39.9	211.7	153.4
Highest	40.1	26.7	32.2	94	83	88.4	9.5	10.0	8.4	843.2	21.0
Lowest	27.8	11.0	19.4	62	16	39.1	3.1	1.9	2.1	0.0	0.0

TABLE-3(B) MONTHLY MEAN WEATHER DATA: 2021

Month	D.B. (°C)		W.B. (°C)		Soil Temperature (°C)					
	I	II	I	II	5 cm(I)	10cm(I)	20cm(I)	5cm(II)	10cm(II)	20cm(II)
Jan	14.5	27.5	11.5	16.8	19.0	21.1	25.5	31.7	28.5	26.6
Feb	17.4	32.2	14.1	19.0	22.4	24.7	29.1	36.4	31.7	30.1
March	23.4	37.2	18.6	20.3	27.5	29.9	34.4	43.7	37.8	35.8
April	26.6	39.5	23.3	22.5	31.1	32.9	37.6	46.2	41.4	39.0
May	29.1	37.5	25.8	25.6	32.3	33.9	38.1	43.9	41.0	39.4
June	29.5	35.1	26.8	27.2	32.4	33.3	37.3	39.4	38.0	37.9
July	28.4	31.3	26.5	26.7	29.5	30.3	33.8	34.4	33.8	34.3
August	27.2	31.2	25.4	25.9	28.8	29.7	33.0	35.5	34.5	34.0
Sept.	26.4	28.7	25.7	26.4	27.5	28.3	30.9	30.8	30.2	31.3
October	26.2	32.6	23.5	24.2	26.3	27.5	30.9	34.6	33.6	32.2
Nov.	22.4	32.0	18.7	21.5	24.1	25.7	29.6	35.3	33.0	30.9
Dec.	19.5	27.3	15.9	19.5	21.5	23.4	27.2	32.4	30.0	28.3
Total	290.6	392.3	255.9	275.8	322.4	340.7	387.4	444.4	413.4	399.8
Mean	24.2	32.7	21.3	23.0	26.9	28.4	32.3	37.0	34.5	33.3
S.D.	4.8	4.0	5.3	3.5	4.3	4.1	4.1	5.1	4.3	4.2
C.V.%	20.0	12.1	25.0	15.3	16.2	14.4	12.8	13.8	12.3	12.5
Highest	29.5	39.5	26.8	27.2	32.4	33.9	38.1	46.2	41.4	39.4
Lowest	14.5	27.3	11.5	16.8	19.0	21.1	25.5	30.8	28.5	26.6

TABLE-4 SEASONAL WEATHER CONDITION DURING :2021

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 2020-2021															
49-Dec	34.1	15.2	25.0	25.1	28.7	37.9	33.2	29.5	0.0	0	74	32	2.2	8.5	3.4
50	29.3	17.8	24.8	24.5	27.4	34.0	29.3	27.9	1.2	0	67	44	4.4	3.4	3.8
51	29.3	11.9	21.6	21.9	25.3	33.8	28.8	26.1	0.0	0	74	34	3.8	4.6	3.9
52	27.9	11.0	21.0	21.1	24.7	33.0	28.0	25.4	0.0	0	58	25	5.3	5.8	4.8
1-J	25.3	12.0	18.5	19.9	24.0	29.7	26.3	24.8	0.0	0	64	33	6.3	3.9	4.2
2	28.3	13.2	19.7	21.7	25.6	31.9	29.0	26.8	0.0	0	70	38	7.3	4.4	4.9
3	29.0	10.8	19.3	21.6	26.4	32.6	29.3	27.4	0.0	0	70	31	3.9	6.5	4.2
4	28.3	9.5	19.1	21.4	26.2	32.3	29.0	27.2	0.0	0	72	24	4.3	5.9	4.6
5	30.5	10.2	19.3	21.6	26.1	33.0	29.3	27.2	0.0	0	71	22	3.7	6.6	4.9
6-F	31.1	10.9	20.5	22.9	27.6	34.7	29.2	28.6	0.0	0	64	19	3.7	8.0	5.0
7	31.5	13.7	22.3	24.5	28.7	35.6	31.7	29.7	0.0	0	71	28	3.4	8.5	4.6
8	34.6	16.8	24.5	26.5	31.0	39.0	34.1	32.0	0.0	0	63	23	3.7	10.2	6.3
9	35.2	17.2	25.0	27.7	32.2	40.0	34.9	33.3	0.0	0	60	18	5.2	10.3	7.0
Total	394.4	170.2	280.4	300.3	353.9	447.7	392.2	366.0	1.2	0.0	877.0	370.4	57.2	86.7	61.5
Mean	30.3	13.1	21.6	23.1	27.2	34.4	30.2	28.2	2.4	0.0	67	28	4.4	6.7	4.7
SD	2.9	2.8	2.5	2.3	2.4	3.0	2.5	2.5	3.6	0.0	5.3	7.7	1.3	2.3	1.0
CV	9.6	21.7	11.5	10.1	8.8	8.7	8.4	8.8	7.2	0.0	7.8	26.9	30.6	34.3	21.0
(B) SUMMER SEASON 2021															
10-M	37.6	17.6	26.5	28.9	33.4	42.7	36.7	34.7	0.0	0	80	17	4.1	9.8	7.6
11	37.5	20.3	27.5	29.9	34.4	44.0	37.7	35.7	0.0	0	60	15	4.8	10.1	7.7
12	37.4	21.0	29.0	30.9	35.3	44.3	38.6	36.6	0.0	0	60	17	4.9	9.5	8.2
13	40.1	20.7	29.0	31.4	36.1	46.3	40.3	38.0	0.0	0	59	19	5.1	10.0	9.0
14-A	40.1	21.8	30.7	32.6	37.2	46.7	40.9	38.6	0.0	0	86	17	5.2	9.9	8.5
15	40.9	22.6	31.0	32.7	37.2	46.5	41.1	38.6	0.0	0	61	12	5.9	9.5	9.3
16	39.3	23.3	30.2	32.4	37.2	45.5	41.6	38.8	9.6	1	80	20	5.5	9.1	7.6
17	40.1	25.5	32.5	34.0	38.5	46.0	42.1	39.8	0.0	0	73	23	5.3	7.5	8.0
18	40.3	25.2	32.7	34.2	38.9	47.0	42.8	40.2	1.7	0	69	24	5.5	8.8	8.4
19-M	39.9	25.4	33.6	35.2	39.4	47.3	43.2	40.7	0.0	0	77	31	7.4	10.2	9.3
20	36.3	25.8	31.4	33.4	37.5	39.5	38.0	38.2	47.8	2	79	45	8.8	3.4	7.2
21	38.1	26.4	31.1	32.6	36.7	42.3	40.0	38.4	3.6	1	78	42	8.8	9.2	8.5
22	37.9	26.9	33.5	34.6	38.7	44.0	41.7	40.0	0.0	0	77	48	10.3	8.8	8.7
Total	505.4	302.5	398.7	422.9	480.6	582.2	524.6	498.4	62.7	4.0	937.1	329.1	81.6	115.9	108.0
Mean	38.9	23.3	30.7	32.5	37.0	44.8	40.4	38.3	4.8	0.3	72	25	6.3	8.9	8.3
SD	1.5	2.9	2.2	1.9	1.8	2.3	2.0	1.8	13.2	0.6	9.3	12.1	1.9	1.8	0.7
CV	3.8	12.3	7.2	5.7	4.9	5.1	5.1	4.6	273.7	204.9	12.8	48.0	30.1	20.3	8.0

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 2021															
23-J	38.2	27.3	34.3	35.1	39.0	43.1	40.7	39.9	0.0	0	77	50	8.8	7.0	7.4
24	37.8	28.0	34.2	35.3	39.3	42.5	40.0	39.9	1.2	0	79	45	12.6	5.6	8.7
25	34.0	25.1	29.9	30.8	34.9	32.6	33.1	35.1	61.8	4	85	67	8.5	1.4	5.0
26	35.1	26.2	30.0	30.9	34.5	36.7	35.9	35.3	18.0	1	82	56	7.6	2.9	4.9
27-J	36.5	26.0	31.4	32.3	36.1	41.2	39.2	37.5	0.0	0	78	46	10.6	5.7	7.2
28	33.6	25.3	31.0	31.9	35.3	36.5	35.4	36.0	87.3	3	87	72	6.8	1.4	3.8
29	31.4	25.0	28.6	29.6	33.0	31.4	31.6	33.4	49.1	3	76	81	8.7	1.6	2.4
30	30.3	24.6	27.7	28.4	31.4	29.5	29.7	31.3	123.8	2	92	82	10.1	0.0	2.0
31	30.5	24.8	27.3	28.1	31.0	31.8	31.0	31.6	2.0	0	85	71	12.3	0.1	2.5
32-A	32.5	24.3	28.7	29.9	33.0	34.9	34.1	33.8	7.6	1	88	65	7.5	1.4	4.4
33	32.9	24.3	28.9	29.9	33.3	36.6	35.2	34.4	8.1	1	84	57	6.5	3.5	4.4
34	31.8	23.8	28.9	29.7	33.1	35.1	34.3	34.0	14.4	1	90	73	4.6	2.3	2.9
35	32.3	23.4	29.3	30.0	33.8	36.3	35.4	34.7	69.2	3	89	69	5.4	3.4	3.9
36-S	30.1	23.7	27.6	28.8	31.5	31.1	31.2	32.1	179.3	6	94	83	5.5	1.4	2.1
37	29.3	24.5	27.6	28.2	30.5	29.8	29.5	30.8	393.4	4	96	88	4.7	0.9	2.0
38	30.4	25.0	27.5	28.1	30.7	31.2	30.8	31.3	55.7	4	94	77	5.0	2.3	2.5
39	30.6	24.2	27.2	27.9	30.5	31.1	29.2	31.0	156.6	5	92	80	4.6	3.5	1.7
Total	557.1	425.3	500.1	515.1	571.1	591.5	576.4	582.1	1227.5	38.0	1467.3	1163.3	129.6	44.6	68.0
Mean	32.8	25.0	29.4	30.3	33.6	34.8	33.9	34.2	72.2	2.2	86	68	7.6	2.6	4.0
SD	2.7	1.2	2.2	2.3	2.7	4.3	3.6	2.9	100.2	1.9	6.3	13.4	2.6	2.0	2.1
CV	8.4	4.9	7.5	7.5	8.1	12.5	10.7	8.4	138.7	86.0	7.3	19.5	34.4	76.0	52.4

(D) POST MONSOON SEASON 2021

40-O	32.5	23.9	28.2	27.3	29.3	36.3	32.7	30.4	36.8	2	87	65	3.5	7.4	3.1
41	34.9	23.4	28.0	26.9	29.8	37.0	33.6	31.3	0.0	0	80	49	2.3	8.9	3.7
42	35.2	22.7	27.3	26.5	29.5	37.3	33.2	30.7	1.0	0	77	43	2.3	8.9	3.9
43	32.6	24.8	28.2	26.7	29.0	37.4	32.7	30.2	0.0	0	64	52	4.3	4.2	4.0
44	34.0	23.7	29.7	28.0	30.5	39.0	35.0	31.7	4.4	1	80	54	3.6	5.7	3.5
45-N	33.3	22.0	28.8	27.5	30.3	39.6	35.3	31.5	0.0	0	70	46	4.1	6.1	4.3
46	32.6	20.3	27.1	26.0	29.4	38.2	33.8	30.7	11.2	1	82	51	2.9	7.8	3.6
47	32.5	17.9	25.0	24.1	27.8	36.4	31.9	28.9	0.0	0	80	39	2.2	5.9	3.1
48	31.3	19.2	25.6	25.0	28.3	36.6	32.4	29.0	0.0	0	70	43	4.4	5.9	4.1
Total	299.0	197.9	247.8	237.9	263.8	337.9	300.7	274.4	53.4	4.0	691.3	441.3	29.6	60.6	33.3
Mean	33.2	22.0	27.5	26.4	29.3	37.5	33.4	30.5	5.9	0.4	77	49	3.3	6.7	3.7
S.D.	1.3	2.4	1.5	1.3	0.9	1.2	1.2	1.0	12.2	0.7	7.2	7.8	0.9	1.6	0.4
C.V.%	3.9	10.7	5.4	4.8	3.0	3.1	3.4	3.3	205.0	163.5	9.4	15.8	27.1	23.5	11.2

TABLE-5:- FREQUENCY OF CLOUDY DAYS, RAINY DAYS AND AMOUNT OF RAINFALL AT JUNAGADH (1985-2021)

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	7	27	25	6	65	1	14	12	5	32	7.4	641.9	88.6	51.6	789.5
2019	5	12	17	17	51	7	10	13	21	51	138.1	228.2	393.8	678.7	1438.8
2020	2	10	20	3	35	11	16	26	7	60	297.3	462.6	862.0	136.1	1758
2021	2	13	10	11	36	5	8	4	21	38	81.0	260.7	42.6	834.2	1218.5
Mean	7.8	21.5	19.8	6.5	56.0	5.5	13.1	11.6	6.9	37.1	162.5	342.7	225.6	168.0	898.8
SD	4.8	6.1	6.0	4.6	16.2	3.3	5.8	5.0	4.3	11.5	138.2	225.0	165.5	163.0	354.6
CV	62	28	30	70	29	59	45	43	63	31	85	66	73	97	39

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
2017	5	11	19	35
2018	6	20	25	51
2019	5	21	13	39
2020	0	19	25	44
2021	4	17	11	32
Total	131	446	409	986
Mean	3.54	12.05	11.05	26.65
SD	3.48	5.58	6.57	10.11
CV %	98	46	59	38

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
2016-17	0	8	3	11
2017-18	2	4	1	7
2018-19	6	5	4	15
2019-20	1	6	1	8
2020-21	3	11	3	17
Total	201	339	102	617
Mean	5.6	9.4	2.8	18.1
SD	4.7	4.7	2.7	9.3
CV %	84	50	96	51

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	5
1988-89	11.2	5.6	29	9.2	2.6	12	13.1	7.1	3
1989-90	11.9	5.8	28	10.3	6.2	3	15.8	10.0	16
1990-91	12.7	5.6	31	9.7	2.5	3	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	3	12.0	5.5	19	13.7	5.8	1
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	8
1998-99	10.9	7.5	30	10.5	5.3	11	14.0	8.5	1
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	3
2001-02	13.5	10.7	24	12.5	7.6	28	16.0	7.0	12
2002-03	14.9	12.0	5	14.2	8.3	1	16.2	10.5	3
2003-04	12.7	8.4	18	12.3	7.9	27	14.5	7.9	7
2004-05	15	10.5	26	11.4	7.4	19	14.1	5.5	20
2005-06	11.7	8.2	25	12.5	8.0	4	16.5	13.3	1
2006-07	13.7	10.2	13	12.2	7.4	14	16.9	13.1	2
2007-08	15.2	7.6	30	11.3	7.3	22	12.0	5.5	8
2008-09	16.2	10.3	28	14.0	8.0	2	15.3	9.4	2
2009-10	14.7	10.6	31	13.5	10.0	5	15.3	9.5	19
2010-11	11.9	7.4	11	11.4	5.2	17	14.6	11.0	1
2011-12	13.7	8.8	12	11.6	7.5	10	13.3	3.5	9
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
2018-19	13.5	6.5	29	12.8	7.8	30	15.2	8.0	10
2019-20	15.7	9.7	31	19.1	6.5	18	23.2	9.8	7
2020-21	14.2	7.8	29	11	6.7	31	14	8.6	1

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	6
1985	39.1	40.8	9	38.7	42.3	24	39.9	44.3	18
1986	37.4	41.8	29	39.7	43.6	7	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	9
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	1	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	8
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	6	40.5	44.8	17
1999	36.3	43.0	31	39.8	43.5	6	36.4	40.6	17
2000	35.5	41.3	30	39.5	42.1	9	36.1	40.0	6
2001	35.4	38.3	20	39.6	42.6	26	37.8	42.5	3
2002	37.5	42.4	20	40.4	44.3	29	39.1	46.0	5
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	7
2005	35.6	39.0	15	39.9	43.5	6	38.7	41.4	25
2006	35.0	40.0	31	38.4	42.0	16	38.5	43.0	8
2007	35.9	41.7	31	39.9	42.8	7	38.1	42.8	3
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	1
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	5	38.3	40.2	1
2013	37.2	40.5	8	38.2	42.1	29	39.9	43.2	2
2014	35.3	38.5	28	38.8	43.4	29	39.8	43.6	8
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	43.0	6
2018	37.6	42.0	27	40.3	42.6	25	41.1	43.9	18
2019	35.5	41.9	30	40.4	44.7	28	39.2	41.5	29
2020	34.0	38.7	31	40.3	43.5	14	41.1	43.3	26
2021	37.7	42.1	29	40.1	42.2	14	38.4	42.2	17

Table -10 Decadal rainfall (mm) at Junagadh (1971-2020)

Year	June	July	Aug	Sep	Total	Oct	Nov	Total
	Monsoon					Post monsoon		
1971	185.0	258.6	257.6	294.7	995.9	0.0	0.0	0.0
1972	190.4	98.7	2.0	0.0	291.1	19.2	0.0	19.2
1973	144.2	514.6	154.5	95.9	909.2	0.0	0.0	0.0
1974	148.6	66.2	111.3	68.2	394.3	31.2	0.0	31.2
1975	188.1	149.1	156.1	131.4	624.7	182.5	0.0	182.5
1976	115.0	432.1	144.4	131.3	822.8	10.4	57.5	67.9
1977	142.1	400.1	106.0	187.2	835.4	0.0	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	0.0	0.0
Mean	259.1	272.4	200.6	118.3	850.2	29.5	17.6	47.1
1981	12.0	648.4	244.0	88.0	992.4	88.0	53.0	141.0
1982	2.3	341.5	281.5	23.0	648.3	0.0	235.0	235.0
1983	1432.2	707.6	373.8	263.0	2776.6	14.0	0.0	14.0
1984	166.0	381.5	185.5	298.0	1031.0	0.0	0.0	0.0
1985	2.5.0	168.2	112.8	34.5	318.0	23.5	0.0	23.5
1986	536.0	31.0	158.8	19.0	744.8	0.0	0.0	0.0
1987	42.2	30.6	57.6	7.8	138.2	0.0	1.4	1.4
1988	19.7	1056.4	121.9	192.7	1390.7	0.0	0.0	0.0
1989	298.6	305.7	46.5	123.8	774.6	33.2	0.0	33.2
1990	33.4	55.2	473.4	104.1	666.1	184.8	1.2	186.0
Mean	254.5	372.6	205.6	115.4	948.1	34.4	29.1	63.4
1991	16.0	285.4	81.3	26.3	409.0	0.0	0.0	0.0
1992	26.0	341.3	195.5	267.5	830.3	110.8	0.0	110.8
1993	169.6	128.4	3.7	64.2	365.9	157.8	3.0	160.8
1994	132.5	748.4	150.9	155.5	1187.3	0.0	0.0	0.0
1995	15.7	607.1	105.5	82.6	810.9	45.5	0.0	45.5
1996	317.5	324.8	63.9	10.6	716.8	26.2	0.0	26.2
1997	231.7	267.8	96.4	217.3	813.2	39.3	0.0	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	0.0	33.3
2000	21.4	309.4	192.7	8.5	532.0	19.0	0.0	19.0
Mean	116.8	361.1	119.9	88.4	686.2	55.6	9.2	64.7
2001	276.2	224.3	200.3	106.8	807.6	16.4	0.0	16.4
2002	275.8	45.7	119.8	94.8	536.1	0.0	0.0	0.0
2003	175.3	546.5	458.3	60.9	1241.0	33.5	0.0	33.5
2004	151.6	201.2	475.7	95.2	923.7	47.1	0.0	47.1
2005	318.5	114.0	164.3	532.9	1129.7	4.6	0.0	4.6
2006	76.4	574.0	299.2	136.3	1085.9	0.0	0.0	0.0
2007	164.1	336.9	679.4	231.0	1411.4	0.0	0.0	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	0.0	0.0
2010	225.9	508.4	501.9	321.8	1558.0	55.2	76.2	131.4
Mean	191.4	364.8	306.2	209.9	1072.3	16.0	7.8	23.8
2011	37.5	341.7	341.7	241.8	962.7	0.0	0.0	0.0
2012	84.2	67.6	79.5	193.7	425.0	0.0	0.0	0.0
2013	537.1	398.6	157.8	337.0	1430.5	89.0	0.0	89.0
2014	251.0	298.4	310.9	357.0	1217.3	12.2	34.6	46.8
2015	210.4	282.4	16.4	214.3	723.5	10.4	0.0	10.4
2016	62.0	280.3	355.6	274.1	972.0	153.1	0.0	153.1
2017	147.8	330.5	282.6	43.5	804.4	0.0	0.0	0.0
2018	7.4	641.9	88.6	51.5	789.4	0.0	0.0	0.0
2019	138.1	228.2	393.8	678.7	1438.8	42.2	11.2	53.4
2020	297.3	462.6	862.0	136.1	1758.0	48.9	0.0	48.9
Mean	177.3	333.2	288.9	252.8	1052.2	35.6	4.6	40.2

APPENDIX-1
DAILY WEATHER
DATA

JANUARY: 2021

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	26.4	10.3	18.4	16.1	62	36	49	05	36	5.8	5.1	5.4	000.0
2	26.0	15.0	20.5	11.0	49	25	37	02	34	5.8	5.8	4.4	000.0
3	25.3	14.2	19.8	11.1	50	28	39	99	34	6.3	7.8	4.3	000.0
4	24.5	8.7	16.6	15.8	75	31	53	16	34	5.6	3.8	4.9	000.0
5	25.2	9.6	17.4	15.6	81	38	60	14	36	4.9	3.7	3.4	000.0
6	24.6	14.9	19.8	9.7	60	37	49	32	32	6.9	0.1	2.8	000.0
7	25.2	11.1	18.2	14.1	70	38	54	00	32	8.6	1.1	4.1	000.0
8	27.1	15.3	21.2	11.8	47	26	37	34	32	8.8	5.1	5.1	000.0
9	25.8	13.9	19.9	11.9	46	38	42	32	34	11.7	6.1	5.8	000.0
10	26.3	12.5	19.4	13.8	81	48	65	11	36	8.1	0.7	5.3	000.0
11	28.2	13.6	20.9	14.6	85	39	62	02	05	6.5	0.0	2.9	000.0
12	30.4	12.9	21.7	17.5	75	55	65	02	02	5.8	5.3	5.0	000.0
13	30.2	13.8	22.0	16.4	80	33	57	00	34	5.5	5.5	5.0	000.0
14	29.8	10.7	20.3	19.1	73	27	50	02	34	5.0	8.2	5.0	000.0
15	28.0	9.8	18.9	18.2	74	32	53	02	36	4.3	7.4	4.6	000.0
16	28.8	10.4	19.6	18.4	82	34	58	00	32	3.3	7.3	3.8	000.0
17	29.5	11.4	20.5	18.1	55	33	44	02	32	2.6	6.3	3.7	000.0
18	30.2	11.6	20.9	18.6	50	29	40	00	34	2.8	4.7	3.0	000.0
19	29.5	11.4	20.5	18.1	73	36	55	00	34	5.9	7.8	5.2	000.0
20	29.1	11.0	20.1	18.1	76	22	49	00	34	4.4	5.8	4.8	000.0
21	28.2	9.8	19.0	18.4	77	31	54	00	32	3.8	6.0	4.6	000.0
22	29.4	10.4	19.9	19.0	80	31	56	00	27	2.5	3.8	4.3	000.0
23	29.7	12.9	21.3	16.8	78	45	62	00	34	3.4	6.2	3.8	000.0
24	28.2	12.8	20.5	15.4	71	18	45	00	34	5.3	7.0	4.0	000.0
25	27.9	7.8	17.9	20.1	73	21	47	00	34	5.0	2.3	4.7	000.0
26	27.4	7.9	17.7	19.5	66	22	44	00	05	5.4	7.0	5.3	000.0
27	28.0	7.0	17.5	21.0	68	17	43	05	02	4.5	7.9	5.1	000.0
28	27.8	7.6	17.7	20.2	68	17	43	36	34	4.3	7.3	4.8	000.0
29	27.6	9.9	18.8	17.7	60	15	38	32	02	6.6	8.0	5.5	000.0
30	28.5	7.3	17.9	21.2	62	13	38	00	02	4.2	9.3	5.7	000.0
31	29.1	6.7	17.9	22.4	66	18	42	36	02	2.4	9.5	5.0	000.0
Total	862	342	602	520	2113	933	1523			166.0	171.9	141.3	0.0
Mean	27.8	11.0	19.4	16.8	68.2	30.1	49.1			5.4	5.5	4.6	0.0
S.D.	1.8	2.5	1.4	3.2	11.4	10.0	8.6			2.0	2.6	0.8	0.0
C.V.%	6.3	22.7	7.4	19.4	16.7	33.3	17.6			38.0	46.4	17.8	0.0
High.	30.4	15.3	22.0	22.4	85.0	55.0	65.0			11.7	9.5	5.8	0.0
Low.	24.5	6.7	16.6	9.7	46.0	13.0	36.5			2.4	0.0	2.8	0.0

JANUARY:2021

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	25.4	12.8	16.6	8.8	8.9	20.6	20.5	24.0	30.8	26.8	24.6
2	17.6	25.0	12.2	14.4	7.4	5.9	20.9	21.1	24.6	30.5	26.6	25.0
3	14.6	24.2	9.8	14.4	6.2	6.4	20.7	20.9	24.3	30.0	26.5	24.9
4	11.0	25.0	9.0	15.4	7.4	7.3	15.5	18.3	23.5	28.5	25.4	24.5
5	12.4	24.0	10.8	15.8	8.7	8.5	16.6	18.9	23.8	28.5	25.5	24.6
6	18.0	25.0	13.8	16.4	9.3	8.8	17.8	19.5	23.8	29.2	25.9	24.6
7	12.8	26.4	10.2	17.6	7.8	9.8	17.5	19.8	24.2	30.5	27.4	25.4
8	17.4	25.6	11.8	15.0	7.0	6.4	18.9	20.8	24.7	29.8	26.9	25.5
9	16.0	25.4	10.6	16.8	6.4	9.1	18.7	20.5	24.5	30.1	28.4	25.7
10	16.6	27.8	14.8	20.4	11.5	13.3	20.0	21.3	24.8	31.5	28.4	26.4
11	17.0	30.0	15.6	20.6	12.5	12.5	19.6	21.9	25.4	33.0	29.5	26.9
12	16.0	30.0	13.6	17.2	10.3	7.0	20.4	22.5	26.4	33.3	29.9	27.5
13	15.4	29.2	13.2	18.8	10.3	10.0	20.6	22.9	26.7	33.5	30.3	28.1
14	15.6	28.0	13.0	16.8	9.7	7.9	19.8	22.0	26.7	32.3	29.4	27.5
15	15.0	28.0	12.6	17.8	9.5	9.1	18.8	21.5	26.4	32.5	29.2	27.4
16	13.6	29.2	12.0	19.0	9.5	10.3	18.9	21.5	26.5	32.4	29.6	27.3
17	18.4	29.8	13.6	19.4	8.8	10.6	19.0	21.6	26.0	32.8	29.4	27.3
18	19.0	29.2	13.4	18.2	8.2	9.0	19.5	21.9	26.4	32.5	29.6	27.4
19	14.0	28.6	11.6	17.8	8.8	9.5	20.2	22.0	26.8	33.0	29.6	27.6
20	14.2	28.0	12.0	16.0	9.5	6.4	19.5	21.0	26.4	32.2	28.9	27.4
21	13.0	29.0	11.0	18.4	8.7	9.4	18.9	21.6	26.4	32.5	29.1	27.4
22	13.6	29.6	11.8	18.8	9.3	9.7	19.1	21.6	26.5	32.7	29.1	27.3
23	17.6	27.8	15.4	20.0	11.8	12.8	21.4	22.8	26.7	33.0	29.9	27.8
24	16.2	27.4	13.4	14.8	9.8	5.0	20.6	22.3	26.4	33.6	29.4	27.8
25	11.2	27.0	9.0	15.0	7.3	5.6	18.7	21.4	26.6	31.9	29.0	27.4
26	10.8	27.6	8.0	15.6	6.4	6.0	18.5	20.9	25.9	31.8	29.1	27.4
27	11.0	27.2	8.4	14.4	6.7	4.5	17.4	20.6	25.6	31.9	28.6	26.4
28	10.8	27.6	8.2	14.6	6.6	0.0	18.0	20.4	25.8	31.3	28.0	26.5
29	11.8	28.0	8.4	14.6	6.2	4.3	19.1	20.7	25.6	32.7	28.9	26.7
30	11.6	28.4	8.4	14.4	6.4	3.8	17.8	20.2	25.4	32.4	29.0	26.6
31	11.0	30.4	8.2	16.6	6.5	5.8	17.3	20.0	24.8	33.4	28.9	26.5
Total	450	854	357	522	263	244	590	653	792	984	882	823
Mean	14.5	27.5	11.5	16.8	8.5	7.9	19.0	21.1	25.5	31.7	28.5	26.6
S.D.	2.6	1.8	2.3	1.9	1.7	2.9	1.4	1.1	1.1	1.5	1.4	1.1
C.V.%	17.9	6.6	19.8	11.5	20.6	36.5	7.2	5.1	4.1	4.6	4.8	4.3
Highest	19.0	30.4	15.6	20.6	12.5	13.3	21.4	22.9	26.8	33.6	30.3	28.1
Lowest	10.8	24.0	8.0	14.4	6.2	0.0	15.5	18.3	23.5	28.5	25.4	24.5

FEBRUARY: 2021

Date	Temperature (°C)				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	31.2	8.6	19.9	22.6	71	25	48	00	36	3.3	8.9	4.0	000.0
2	33.4	12.3	22.9	21.1	76	23	50	00	34	2.8	7.0	5.1	000.0
3	32.5	12.9	22.7	19.6	80	26	53	00	32	2.7	1.8	4.3	000.0
4	31.3	13.9	22.6	17.4	85	32	59	36	34	4.1	1.8	4.5	000.0
5	29.6	11.2	20.4	18.4	75	17	46	00	32	4.7	4.2	4.5	000.0
6	29.1	11.5	20.3	17.6	40	22	31	05	02	4.4	8.3	5.4	000.0
7	30.4	9.5	20.0	20.9	60	19	40	00	02	4.0	8.8	5.7	000.0
8	31.6	9.4	20.5	22.2	60	18	39	00	34	3.0	9.0	5.0	000.0
9	33.0	10.9	22.0	22.1	66	16	41	00	34	2.8	9.8	5.0	000.0
10	32.6	11.4	22.0	21.2	76	22	49	00	34	3.2	9.2	4.8	000.0
11	31.2	12.4	21.8	18.8	70	18	44	00	32	3.6	6.9	4.9	000.0
12	32.4	11.3	21.9	21.1	66	25	46	00	32	2.5	3.3	4.6	000.0
13	32.3	13.4	22.9	18.9	71	18	45	00	25	2.5	8.5	4.9	000.0
14	33.0	13.1	23.1	19.9	63	34	49	00	29	2.8	8.1	5.0	000.0
15	31.2	16.1	23.7	15.1	65	42	54	32	27	3.6	9.6	4.5	000.0
16	29.9	14.4	22.2	15.5	86	41	64	00	02	4.3	10.1	4.5	000.0
17	29.0	13.9	21.5	15.1	88	22	55	00	34	3.2	9.8	3.8	000.0
18	32.5	14.0	23.3	18.5	59	16	38	00	05	4.7	10.1	5.2	000.0
19	34.0	18.1	26.1	15.9	69	23	46	32	02	5.0	10.1	6.6	000.0
20	34.5	16.8	25.7	17.7	56	27	42	00	07	3.0	10.1	6.5	000.0
21	33.5	17.4	25.5	16.1	57	22	40	00	07	3.7	10.2	5.8	000.0
22	35.1	16.9	26.0	18.2	64	21	43	29	18	3.0	10.1	6.1	000.0
23	35.6	17.0	26.3	18.6	70	20	45	00	34	3.7	9.7	6.0	000.0
24	35.2	16.9	26.1	18.3	65	23	44	32	29	3.5	10.4	6.2	000.0
25	34.6	14.5	24.6	20.1	60	23	42	00	34	4.0	10.6	6.7	000.0
26	34.1	16.6	25.4	17.5	68	27	48	00	32	4.0	10.4	6.4	000.0
27	35.0	17.5	26.3	17.5	69	21	45	05	34	4.2	10.1	6.1	000.0
28	35.7	20.4	28.1	15.3	79	25	52	34	32	5.3	10.4	6.5	000.0
Total	914	392	653	521	1914	668	1291			102	237	149	0.0
Mean	32.6	14.0	23.3	18.6	68.4	23.9	46.1			3.6	8.5	5.3	0.0
S.D.	2.0	3.0	2.3	2.2	10.3	6.6	6.8			0.8	2.6	0.9	0.0
C.V.%	6.1	21.4	9.8	12.0	15.1	27.5	14.7			21.3	30.5	16.1	0.0
High.	35.7	20.4	28.1	22.6	88.0	42.0	63.5			5.3	10.6	6.7	0.0
Low.	29.0	8.6	19.9	15.1	40.0	16.0	31.0			2.5	1.8	3.8	0.0

FEBRUARY:2021

Date	D.B. (°C)		W.B. (°C)		V.P. (mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	19.4	32.0	10.6	19.2	8.1	8.9	18.2	20.9	25.8	33.0	29.1	26.9
2	20.4	32.2	12.6	19.0	9.6	8.4	20.5	22.4	26.6	33.6	29.6	27.5
3	21.4	30.6	13.6	18.4	10.6	8.4	21.1	23.4	27.4	33.4	29.9	27.9
4	22.4	29.6	15.2	19.0	12.1	10.0	21.3	23.5	27.4	32.4	29.4	28.3
5	23.4	28.8	10.8	15.4	8.4	5.0	20.6	23.2	27.6	33.5	30.4	28.7
6	24.4	29.8	13.0	17.0	7.0	6.8	21.6	23.1	27.4	34.4	30.5	28.4
7	25.4	30.6	10.8	17.0	7.4	6.3	19.5	22.4	27.2	35.5	31.5	28.6
8	26.4	32.4	11.0	17.8	7.6	6.4	19.3	22.2	27.3	35.5	20.4	28.5
9	27.4	32.0	12.0	17.2	8.6	5.7	20.0	22.6	27.4	35.4	30.9	28.6
10	28.4	30.8	12.8	17.8	9.8	7.4	20.8	23.4	28.2	34.1	30.3	28.7
11	29.4	32.0	12.4	17.6	9.1	6.4	21.4	23.5	28.2	34.6	30.4	28.9
12	30.4	32.0	11.4	19.2	8.3	8.9	21.1	23.4	28.3	35.6	31.2	29.0
13	31.4	32.4	13.0	18.0	9.5	6.7	22.2	24.8	28.5	35.3	32.1	29.6
14	32.4	31.0	12.0	20.4	8.3	11.5	22.0	24.5	28.4	35.4	31.7	29.9
15	33.4	29.8	13.8	21.0	9.7	13.3	22.3	24.6	28.6	35.0	31.4	29.4
16	34.4	28.6	16.6	19.8	13.3	12.0	23.6	25.0	28.7	35.5	31.4	29.6
17	35.4	31.8	15.8	18.4	12.8	7.7	22.4	24.8	29.4	36.1	31.8	30.2
18	36.4	33.2	15.2	18.0	10.2	6.2	22.3	24.7	29.1	36.4	32.4	30.4
19	37.4	34.2	16.8	20.2	12.3	9.2	24.8	25.5	29.9	38.3	33.8	31.3
20	38.4	32.6	14.4	20.0	9.4	9.8	23.8	26.3	30.4	38.5	33.7	31.4
21	39.4	34.0	15.0	19.8	9.9	8.7	24.6	26.8	30.8	39.5	34.9	32.4
22	40.4	35.0	15.6	20.2	10.9	8.7	24.5	26.8	31.3	39.0	34.0	32.1
23	41.4	34.8	15.8	19.8	11.5	8.2	25.0	27.4	31.5	39.0	34.2	32.4
24	42.4	34.4	16.0	20.4	11.3	9.4	24.8	27.0	31.5	39.6	34.4	32.4
25	43.4	34.0	15.4	20.0	10.5	9.0	23.9	25.6	31.3	39.2	34.0	32.3
26	44.4	34.6	16.6	21.4	12.0	11.0	24.6	27.1	31.6	39.6	34.5	32.9
27	45.4	35.0	17.8	20.2	13.1	8.7	25.4	27.5	31.8	40.2	35.5	33.4
28	46.4	34.6	19.6	21.0	15.7	10.3	25.5	28.4	32.3	40.2	35.5	33.4
Total	921	903	396	533	287	239	627	691	814	1018	889	843
Mean	32.9	32.2	14.1	19.0	10.3	8.5	22.4	24.7	29.1	36.4	31.7	30.1
S.D.	8.2	1.9	2.4	1.5	2.1	2.0	2.1	1.9	1.8	2.4	3.0	1.9
C.V.%	25.0	6.0	16.7	7.7	20.2	23.3	9.2	7.9	6.3	6.7	9.3	6.4
Highest	46.4	35.0	19.6	21.4	15.7	13.3	25.5	28.4	32.3	40.2	35.5	33.4
Lowest	19.4	28.6	10.6	15.4	7.0	5.0	18.2	20.9	25.8	32.4	20.4	26.9

MARCH:2021

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	35.1	21.9	28.5	13.2	52	16	34	05	34	5.0	10.2	7.0	000.0
2	35.3	12.7	24.0	22.6	54	12	33	00	34	5.7	10.4	7.4	000.0
3	35.7	15.1	25.4	20.6	47	9	28	14	34	6.4	9.9	7.9	000.0
4	35.5	16.1	25.8	19.4	52	16	34	11	36	6.0	10.5	8.0	000.0
5	37.4	15.8	26.6	21.6	59	11	35	00	07	4.0	10.5	7.5	000.0
6	38.9	17.6	28.3	21.3	67	14	41	16	25	3.0	10.1	8.5	000.0
7	38.0	18.2	28.1	19.8	86	19	53	16	25	4.4	10.4	7.6	000.0
8	36.2	17.0	26.6	19.2	84	22	53	00	29	5.2	8.0	7.6	000.0
9	37.6	16.8	27.2	20.8	77	15	46	00	32	4.5	9.9	7.0	000.0
10	37.5	18.7	28.1	18.8	96	16	56	23	16	4.2	10.0	7.0	000.0
11	37.3	19.0	28.2	18.3	88	21	55	02	20	3.7	9.9	7.8	000.0
12	36.0	17.8	26.9	18.2	83	16	50	16	29	4.3	10.4	6.7	000.0
13	36.5	17.6	27.1	18.9	68	11	40	00	29	3.9	9.9	6.7	000.0
14	38.1	20.2	29.2	17.9	60	12	36	00	29	4.3	10.2	7.2	000.0
15	37.6	19.9	28.8	17.7	49	16	33	32	34	4.6	10.4	7.4	000.0
16	37.0	23.2	30.1	13.8	57	13	35	34	02	6.1	9.6	7.6	000.0
17	38.5	19.8	29.2	18.7	57	15	36	29	05	5.0	10.0	9.2	000.0
18	38.8	23.4	31.1	15.4	43	19	31	02	02	5.1	10.2	9.3	000.0
19	37.6	19.5	28.6	18.1	59	29	44	05	20	4.8	9.5	8.5	000.0
20	34.5	21.4	28.0	13.1	63	15	39	02	29	4.5	9.8	7.3	000.0
21	37.5	22.4	30.0	15.1	55	15	35	36	07	5.0	8.8	8.1	000.0
22	38.5	19.6	29.1	18.9	76	18	47	00	23	4.2	9.6	8.7	000.0
23	38.5	21.5	30.0	17.0	66	20	43	05	29	5.0	9.6	7.2	000.0
24	37.0	20.9	29.0	16.1	65	14	40	05	34	4.9	9.8	7.6	000.0
25	38.4	21.4	29.9	17.0	36	9	23	07	34	6.0	9.6	9.9	000.0
26	39.1	17.7	28.4	21.4	30	9	20	34	34	4.0	10.4	9.6	000.0
27	40.1	20.5	30.3	19.6	29	8	19	34	34	4.9	10.4	9.3	000.0
28	41.4	21.0	31.2	20.4	35	8	22	34	29	4.3	10.5	9.9	000.0
29	42.1	19.9	31.0	22.2	65	14	40	32	25	5.6	10.4	9.2	000.0
30	40.1	22.1	31.1	18.0	84	32	58	25	23	4.9	10.2	8.0	000.0
31	38.1	24.2	31.2	13.9	84	35	60	25	29	6.6	9.5	8.1	000.0
Total	1170	603	886	567	1926	499	1213			150	309	249	0.0
Mean	37.7	19.4	28.6	18.3	62.1	16.1	39.1			4.8	10.0	8.0	0.0
S.D.	1.7	2.6	1.8	2.6	17.8	6.5	11.1			0.8	0.5	0.9	0.0
C.V.%	4.6	13.6	6.3	14.3	28.6	40.4	28.4			17.1	5.4	11.8	0.0
High.	42.1	24.2	31.2	22.6	96.0	35.0	59.5			6.6	10.5	9.9	0.0
Low.	34.5	12.7	24.0	13.1	29.0	8.0	18.5			3.0	8.0	6.7	0.0

MARCH:2021

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	24.2	35.0	18.0	19.0	11.7	6.7	26.5	28.8	32.6	40.5	35.4	33.8
2	17.2	35.2	12.4	18.0	7.8	5.0	23.4	26.7	32.3	39.5	34.3	32.8
3	17.4	35.0	11.8	17.2	7.0	3.9	24.5	27.4	32.4	39.6	34.3	33.1
4	18.6	36.4	13.4	19.8	8.4	7.2	24.8	27.7	32.3	40.6	34.8	33.4
5	21.2	38.2	16.4	19.6	11.1	5.8	24.8	27.4	32.2	42.4	35.9	34.0
6	19.8	37.4	16.2	20.0	11.6	6.9	26.2	29.2	33.4	42.5	36.5	34.4
7	22.6	35.6	21.0	20.2	17.7	8.4	27.0	29.0	33.3	42.3	36.5	34.7
8	21.4	37.0	19.6	21.8	16.1	10.3	26.2	28.6	33.4	42.7	36.5	34.5
9	21.6	37.2	19.0	20.0	14.9	7.1	26.1	28.8	33.5	42.6	36.6	34.7
10	21.0	37.0	20.6	20.2	18.0	7.5	28.5	30.0	34.0	43.5	37.6	35.4
11	22.8	35.6	21.4	20.6	18.3	9.0	26.9	29.5	33.9	43.2	37.4	35.4
12	19.2	36.4	17.4	20.0	13.8	7.5	25.7	28.9	33.8	42.5	36.9	35.1
13	20.6	37.2	17.0	19.0	12.4	5.4	26.4	29.5	33.9	44.5	38.0	35.5
14	22.6	37.0	17.8	19.2	12.4	5.9	26.3	28.9	33.5	44.1	38.0	35.1
15	24.6	36.2	18.0	19.8	11.5	7.3	28.4	30.0	34.6	44.6	37.5	35.5
16	25.6	38.0	20.0	20.0	14.0	6.5	29.0	31.0	34.8	44.0	38.0	36.4
17	24.2	38.0	18.8	20.6	13.0	7.6	28.5	30.3	35.1	44.5	38.1	36.4
18	27.0	37.0	19.0	21.0	11.6	8.9	28.0	30.4	35.2	43.7	37.5	36.1
19	24.6	34.2	19.4	21.6	13.7	11.6	28.7	30.3	34.8	42.6	37.4	35.6
20	26.4	37.0	21.6	19.8	16.4	6.8	28.8	30.4	34.8	43.9	37.9	36.9
21	25.2	37.4	19.4	20.2	13.4	7.3	28.5	30.9	35.4	44.9	39.0	37.0
22	23.4	37.6	20.6	21.2	16.5	8.9	28.5	30.9	35.4	45.2	39.1	36.6
23	24.0	36.8	19.8	21.2	14.7	9.3	29.8	31.2	35.5	44.7	38.6	36.4
24	25.2	37.8	20.8	20.0	15.8	6.7	29.2	31.2	35.7	43.5	38.4	36.7
25	27.4	38.0	18.0	18.8	9.8	4.6	29.2	31.4	35.7	45.5	39.6	37.1
26	27.0	38.8	16.8	19.0	8.2	4.4	27.6	30.5	35.7	45.5	39.4	36.9
27	27.6	40.4	17.0	19.8	8.1	4.7	27.7	30.7	35.9	46.6	39.9	37.5
28	27.4	41.4	17.8	20.2	9.5	4.8	28.0	30.9	35.9	47.5	41.5	38.6
29	25.2	40.0	20.8	21.4	15.8	7.7	28.2	30.7	35.1	46.9	40.7	38.4
30	25.0	37.0	23.0	24.4	19.8	15.2	30.4	32.3	36.6	45.7	39.9	38.1
31	26.4	38.8	24.4	26.4	21.7	18.2	31.6	33.1	36.8	45.5	40.0	38.5
Total	726	1155	577	630	415	237	853	927	1068	1355	1171	1111
Mean	23.4	37.2	18.6	20.3	13.4	7.6	27.5	29.9	34.4	43.7	37.8	35.8
S.D.	3.0	1.6	2.8	1.7	3.7	3.0	1.8	1.5	1.3	2.0	1.8	1.6
C.V.%	12.8	4.2	15.0	8.4	27.9	39.5	6.7	4.9	3.8	4.5	4.8	4.4
Highest	27.6	41.4	24.4	26.4	21.7	18.2	31.6	33.1	36.8	47.5	41.5	38.6
Lowest	17.2	34.2	11.8	17.2	7.0	3.9	23.4	26.7	32.2	39.5	34.3	32.8

APRIL:2021

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	39.5	19.5	29.5	20.0	85	30	58	23	29	5.7	8.3	8.8	000.0
2	39.4	20.9	30.2	18.5	82	11	47	29	34	4.9	9.4	8.1	000.0
3	39.9	22.6	31.3	17.3	88	16	52	27	99	5.4	9.4	9.5	000.0
4	40.2	22.7	31.5	17.5	85	28	57	29	25	5.1	9.4	8.5	000.0
5	41.0	24.0	32.5	17.0	88	25	57	32	25	5.0	10.2	8.9	000.0
6	39.5	21.5	30.5	18.0	93	17	55	29	23	5.4	9.8	8.0	000.0
7	40.3	18.6	29.5	21.7	79	14	47	34	25	5.4	10.5	8.3	000.0
8	40.5	22.5	31.5	18.0	85	10	48	32	25	5.5	10.4	8.5	000.0
9	40.0	21.9	31.0	18.1	82	10	46	32	36	6.0	10.2	9.2	000.0
10	39.5	22.0	30.8	17.5	56	10	33	36	23	5.8	10.1	9.4	000.0
11	41.0	24.1	32.6	16.9	74	10	42	34	25	5.6	10.3	8.3	000.0
12	41.8	22.0	31.9	19.8	53	14	34	34	29	6.0	10.6	9.2	000.0
13	41.5	21.0	31.3	20.5	64	9	37	34	29	6.5	10.5	10.6	000.0
14	42.2	25.9	34.1	16.3	49	14	32	34	29	5.9	6.9	8.9	000.0
15	40.1	21.1	30.6	19.0	52	19	36	00	27	5.3	7.9	9.2	000.0
16	39.0	24.5	31.8	14.5	68	16	42	29	27	6.0	10.4	8.1	000.0
17	38.6	23.6	31.1	15.0	75	19	47	32	27	6.1	10.4	7.9	000.0
18	40.0	19.5	29.8	20.5	80	17	49	29	32	4.0	8.5	6.9	009.6
19	40.1	21.9	31.0	18.2	88	27	58	23	25	3.8	9.0	8.2	000.0
20	39.6	25.0	32.3	14.6	83	29	56	23	29	6.0	9.5	7.4	000.0
21	38.8	24.4	31.6	14.4	81	14	48	34	29	6.7	7.5	7.3	000.0
22	39.2	24.5	31.9	14.7	83	15	49	32	34	5.9	8.7	7.7	000.0
23	39.9	25.1	32.5	14.8	81	31	56	23	23	5.1	9.3	8.6	000.0
24	38.1	25.3	31.7	12.8	83	43	63	34	27	6.3	5.7	6.7	000.0
25	37.5	26.4	32.0	11.1	75	18	47	34	36	5.6	1.9	5.9	000.0
26	41.4	26.6	34.0	14.8	54	14	34	36	14	5.3	7.4	8.4	000.0
27	41.7	26.4	34.1	15.3	70	17	44	36	20	5.0	8.0	9.0	000.0
28	41.3	24.7	33.0	16.6	76	18	47	32	29	5.5	9.5	8.7	000.0
29	41.0	24.2	32.6	16.8	70	18	44	00	99	4.6	10.9	8.4	000.0
30	41.2	24.6	32.9	16.6	69	21	45	34	99	5.7	10.4	9.4	000.0
Total	1204	697	950	507	2251	554	1403			165	271	252	9.6
Mean	40.1	23.2	31.7	16.9	75.0	18.5	46.8			5.5	9.0	8.4	0.3
S.D.	1.1	2.2	1.2	2.4	12.2	7.8	8.3			0.6	1.9	0.9	1.8
C.V.%	2.8	9.3	3.9	14.3	16.2	42.4	17.9			11.8	20.5	11.2	21.3
High.	42.2	26.6	34.1	21.7	93.0	43.0	63.0			6.7	10.9	10.6	9.6
Low.	37.5	18.6	29.5	11.1	49.0	9.0	31.5			3.8	1.9	5.9	0.0

APRIL:2021

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	23.8	38.4	22.0	24.8	18.8	15.1	29.5	31.7	36.6	46.3	40.4	37.9
2	25.4	39.4	23.2	20.0	19.9	5.7	30.0	31.9	36.9	46.3	40.4	38.4
3	24.8	40.0	23.4	22.2	20.7	9.1	31.6	33.0	37.0	47.4	40.7	38.4
4	24.0	39.4	23.0	25.0	19.9	14.9	31.8	33.3	37.2	47.5	41.6	39.0
5	26.0	39.0	24.6	24.0	22.4	13.1	31.7	33.5	37.4	47.1	41.4	38.9
6	23.8	40.0	23.0	22.4	20.6	9.5	30.3	32.4	37.2	46.7	40.9	38.5
7	25.0	40.2	22.4	21.6	18.8	8.0	29.0	31.8	37.1	46.4	40.5	38.4
8	25.2	39.8	23.4	20.2	20.4	5.8	30.2	32.2	37.3	45.7	40.5	38.4
9	26.4	39.0	24.2	19.6	21.3	5.3	31.0	32.5	37.3	46.1	40.5	38.5
10	26.0	40.2	20.2	20.6	14.3	6.2	30.8	32.3	37.0	47.5	41.6	38.5
11	26.8	41.6	23.4	21.0	19.5	6.1	31.5	33.3	37.5	46.9	42.0	38.9
12	27.0	40.8	20.6	21.6	14.3	7.9	31.1	32.8	37.4	45.4	40.5	38.8
13	26.6	42.0	21.8	21.0	16.7	5.8	30.9	32.5	36.5	46.5	40.9	38.5
14	27.6	39.2	20.4	21.0	13.5	7.5	31.4	33.1	37.5	46.6	41.4	38.8
15	26.6	38.4	20.0	22.0	13.4	9.8	30.6	32.7	37.4	46.4	40.9	38.5
16	27.0	38.0	22.8	24.8	18.2	7.8	31.9	33.5	37.5	46.5	41.5	38.9
17	26.6	39.0	23.4	22.4	19.6	10.2	31.5	33.1	37.0	46.7	41.9	39.4
18	26.6	39.8	24.0	22.2	20.8	9.3	27.5	30.4	36.6	44.0	39.9	37.6
19	25.2	39.0	23.8	24.4	21.2	14.0	28.6	31.4	36.4	45.4	41.7	38.4
20	27.6	37.6	25.4	24.0	22.9	14.0	30.7	32.9	37.6	44.4	41.4	38.6
21	26.8	39.0	24.4	20.8	21.5	7.3	30.5	32.6	37.4	45.4	42.3	39.0
22	26.8	39.0	24.6	21.0	21.9	7.7	30.9	33.0	37.9	46.3	42.6	39.4
23	27.6	37.0	25.2	24.2	22.5	14.8	31.6	33.7	38.0	44.3	41.2	39.4
24	27.8	37.0	25.6	26.8	23.2	20.2	31.5	33.4	37.7	41.7	39.4	38.9
25	28.2	41.0	24.8	23.2	21.3	10.4	33.0	34.0	37.6	46.4	42.3	39.4
26	28.6	41.2	22.0	22.0	15.8	8.1	32.8	34.2	38.8	47.0	43.3	40.2
27	29.0	41.0	24.8	23.0	20.9	10.0	33.0	34.3	39.0	47.4	42.9	40.3
28	28.2	40.4	25.0	23.0	21.9	10.4	32.8	34.4	39.4	47.5	43.1	40.5
29	29.0	40.0	24.8	22.8	20.9	14.2	32.8	34.2	39.2	47.5	42.4	40.2
30	28.4	39.4	22.4	23.0	17.9	11.0	32.8	34.2	39.2	46.8	42.6	40.2
Total	798	1186	699	675	585	299	933	988	1127	1386	1243	1169
Mean	26.6	39.5	23.3	22.5	19.5	10.0	31.1	32.9	37.6	46.2	41.4	39.0
S.D.	1.5	1.2	1.6	1.7	2.8	3.6	1.3	1.0	0.8	1.3	1.0	0.7
C.V.%	5.5	3.1	6.8	7.6	14.5	36.3	4.3	2.9	2.2	2.8	2.4	1.9
Highest	29.0	42.0	25.6	26.8	23.2	20.2	33.0	34.4	39.4	47.5	43.3	40.5
Lowest	23.8	37.0	20.0	19.6	13.4	5.3	27.5	30.4	36.4	41.7	39.4	37.6

MAY:2021

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	40.2	25.2	32.7	15.0	64	37	51	02	23	5.9	7.1	8.2	000.0
2	39.2	24.2	31.7	15.0	66	24	45	66	24	4.9	7.0	8.2	000.0
3	40.6	26.9	33.8	13.7	49	19	34	05	25	5.5	9.3	9.6	000.0
4	41.1	24.9	33.0	16.2	83	23	53	36	25	5.1	8.5	9.2	001.7
5	39.6	25.6	32.6	14.0	80	23	52	34	02	5.7	9.6	6.2	000.0
6	40.0	24.7	32.4	15.3	72	19	46	34	27	5.8	9.9	8.2	000.0
7	41.0	25.1	33.1	15.9	76	22	49	34	05	7.0	10.2	10.1	000.0
8	41.1	25.5	33.3	15.6	83	23	53	05	32	6.5	9.6	9.6	000.0
9	41.2	24.9	33.1	16.3	81	33	57	32	25	5.1	7.3	8.4	000.0
10	40.0	24.5	32.3	15.5	75	32	54	27	25	7.2	11.3	8.2	000.0
11	39.0	25.9	32.5	13.1	72	34	53	32	23	7.4	11.2	9.1	000.0
12	38.5	25.6	32.1	12.9	75	33	54	29	23	8.9	11.1	9.8	000.0
13	38.3	26.4	32.4	11.9	76	38	57	20	23	9.8	10.4	9.9	000.0
14	37.6	25.8	31.7	11.8	79	29	54	29	25	9.2	9.5	9.2	000.0
15	39.8	26.0	32.9	13.8	78	22	50	36	20	7.6	8.8	9.1	000.0
16	40.6	29.4	35.0	11.2	55	21	38	05	34	6.7	1.5	6.8	000.0
17	42.2	29.8	36.0	12.4	79	48	64	99	05	7.5	0.4	10.7	000.0
18	34.4	19.4	26.9	15.0	98	95	97	34	32	18.4	0.0	5.5	044.2
19	26.6	23.8	25.2	2.8	75	56	66	00	05	7.6	0.0	5.1	003.6
20	32.6	26.6	29.6	6.0	89	43	66	23	29	4.3	3.3	4.0	000.0
21	36.8	26.4	31.6	10.4	83	43	63	23	23	8.5	10.1	8.2	000.0
22	37.4	26.4	31.9	11.0	79	40	60	18	25	9.4	10.1	7.7	000.0
23	37.5	26.6	32.1	10.9	76	43	60	34	27	9.8	9.7	7.6	000.0
24	37.8	26.6	32.2	11.2	78	32	55	32	34	7.1	7.5	8.4	000.0
25	41.2	24.4	32.8	16.8	79	39	59	34	25	5.7	8.3	9.5	003.6
26	38.6	26.6	32.6	12.0	74	46	60	29	29	8.2	9.9	9.1	000.0
27	37.5	28.0	32.8	9.5	76	50	63	27	25	12.6	9.1	9.3	000.0
28	37.0	27.2	32.1	9.8	78	48	63	25	25	11.1	8.4	8.4	000.0
29	37.6	27.4	32.5	10.2	79	48	64	20	23	10.2	7.9	7.9	000.0
30	38.0	27.0	32.5	11.0	81	51	66	23	23	9.1	8.4	8.9	000.0
31	38.1	26.8	32.5	11.3	76	46	61	20	23	9.9	8.7	8.6	000.0
Total	867	804	997	388	2364	1160	1762			248	244	259	53.1
Mean	38.4	25.9	32.2	12.5	76.3	37.4	56.8			8.0	7.9	8.3	1.7
S.D.	3.0	1.8	2.0	3.1	8.9	15.3	10.7			2.8	3.3	1.5	7.9
C.V.%	7.8	7.1	6.1	24.6	11.7	40.8	18.9			34.9	41.8	18.0	12.2
High.	42.2	29.8	36.0	16.8	98.0	95.0	96.5			18.4	11.3	10.7	44.2
Low.	26.6	19.4	25.2	2.8	49.0	19.0	34.0			4.3	0.0	4.0	0.0

MAY:2021

Date	D.B. (°C)		W.B. (°C)		V.P. (mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	28.8	37.6	23.8	26.0	19.0	18.1	33.5	34.6	39.1	46.3	42.4	40.4
2	29.0	40.2	24.2	24.4	19.7	13.2	32.6	34.2	39.2	47.6	43.2	40.6
3	29.4	41.0	21.8	23.4	14.9	10.8	32.1	34.5	39.4	47.8	43.4	40.6
4	27.6	38.2	25.4	23.0	22.9	11.8	31.5	33.4	38.1	46.0	41.7	39.3
5	28.0	39.8	25.4	24.0	22.8	12.7	33.2	34.1	38.5	47.1	43.0	39.9
6	28.6	40.6	24.8	23.4	21.2	11.0	33.5	34.6	39.1	47.6	43.3	40.5
7	28.0	40.8	24.8	24.2	21.5	12.5	33.4	34.6	39.4	47.8	43.5	40.7
8	28.6	40.0	26.4	24.0	24.5	12.6	33.9	35.2	39.6	47.7	43.4	41.0
9	28.8	38.6	26.2	25.8	23.9	17.0	34.0	35.5	39.3	47.9	43.6	40.7
10	28.6	38.0	25.2	25.0	22.0	15.8	33.7	35.3	39.6	47.1	43.1	40.9
11	28.8	38.0	25.0	25.6	21.5	17.0	33.9	35.3	39.4	46.9	42.8	40.5
12	28.8	37.4	25.4	25.0	22.3	16.2	33.3	34.9	39.3	47.4	43.6	40.8
13	29.0	36.4	25.8	25.2	22.9	17.1	32.8	35.3	39.5	46.3	42.2	40.3
14	28.8	39.4	26.0	25.4	23.5	15.7	32.7	35.5	39.3	48.3	44.0	41.0
15	28.6	40.4	25.6	24.0	21.6	12.3	33.4	35.5	39.5	46.2	42.5	40.8
16	33.2	41.2	26.2	24.2	21.2	12.2	35.5	36.4	40.1	47.0	42.9	41.1
17	31.8	33.8	28.8	25.4	27.9	19.1	35.4	36.8	40.4	38.0	37.8	40.2
18	24.2	25.0	24.0	24.4	22.3	22.5	27.9	30.0	35.8	25.8	30.0	34.8
19	26.6	32.2	23.4	25.4	18.4	20.2	25.5	28.9	33.3	33.5	32.7	34.2
20	28.4	36.4	27.0	26.4	25.8	19.7	29.6	30.5	34.4	37.5	36.0	35.5
21	29.4	37.0	27.2	26.8	25.7	20.2	29.5	30.8	34.8	41.0	38.5	36.4
22	29.2	37.0	26.4	26.2	24.1	18.9	30.0	31.5	35.9	42.5	39.9	38.7
23	30.4	37.4	27.0	27.2	24.6	20.8	31.7	32.5	36.6	41.8	39.6	38.1
24	30.2	38.6	27.2	25.4	25.2	16.2	31.9	33.0	37.3	44.5	41.7	39.0
25	29.2	38.2	26.4	26.8	24.1	19.3	30.7	32.5	37.8	42.1	40.2	38.5
26	30.0	36.8	26.4	27.4	23.6	21.6	31.6	33.2	37.1	41.9	39.8	38.8
27	30.2	36.4	26.8	27.8	24.3	22.7	32.6	34.8	37.5	42.6	40.4	39.2
28	30.0	36.8	27.0	27.8	24.9	22.5	33.0	34.3	37.5	42.5	40.3	39.4
29	29.8	37.4	27.0	28.2	25.1	23.1	33.6	34.7	38.1	43.4	41.0	39.4
30	30.0	37.0	27.4	28.6	29.0	24.2	32.8	34.5	39.0	44.2	42.0	40.1
31	30.2	36.4	26.8	27.0	24.3	20.9	33.3	34.6	38.6	44.2	41.7	40.0
Total	902	1164	801	793	715	538	1002	1052	1183	1361	1270	1221
Mean	29.1	37.5	25.8	25.6	23.1	17.4	32.3	33.9	38.1	43.9	41.0	39.4
S.D.	1.5	3.1	1.4	1.5	2.8	4.1	2.1	1.9	1.8	4.9	3.2	1.8
C.V.%	5.2	8.2	5.5	5.9	12.0	23.4	6.5	5.6	4.6	11.1	7.9	4.7
Highest	33.2	41.2	28.8	28.6	29.0	24.2	35.5	36.8	40.4	48.3	44.0	41.1
Lowest	24.2	25.0	21.8	23.0	14.9	10.8	25.5	28.9	33.3	25.8	30.0	34.2

JUNE:2021

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	38.0	26.6	32.3	11.4	74	48	61	20	25	11.3	9.4	9.7	000.0
2	38.4	26.7	32.6	11.7	75	47	61	25	25	10.9	9.4	8.9	000.0
3	38.3	26.6	32.5	11.7	75	49	62	27	23	9.4	9.7	8.3	000.0
4	38.7	27.1	32.9	11.6	74	48	61	29	25	8.9	9.8	8.0	000.0
5	39.0	27.2	33.1	11.8	73	51	62	18	25	8.6	8.0	7.8	000.0
6	37.9	26.7	32.3	11.2	78	54	66	20	20	9.1	7.0	8.4	000.0
7	37.8	27.0	32.4	10.8	81	56	69	25	23	5.0	6.5	5.1	000.0
8	38.0	27.8	32.9	10.2	73	56	65	29	25	8.0	5.8	6.4	000.0
9	37.9	27.7	32.8	10.2	81	43	62	25	25	10.8	6.0	7.5	000.0
10	38.1	27.4	32.8	10.7	78	44	61	25	25	11.4	6.0	8.4	000.0
11	38.0	27.8	32.9	10.2	73	46	60	25	23	13.4	9.1	8.2	000.0
12	38.0	28.1	33.1	9.9	88	44	66	23	27	12.1	8.5	9.2	000.0
13	37.7	27.4	32.6	10.3	77	48	63	20	25	12.3	4.6	8.9	000.0
14	38.0	28.4	33.2	9.6	74	41	58	27	23	12.0	6.1	10.3	000.0
15	38.4	28.2	33.3	10.2	78	44	61	20	25	11.7	5.9	8.8	000.0
16	37.7	28.5	33.1	9.2	77	47	62	20	25	14.2	3.8	8.7	000.0
17	36.6	27.4	32.0	9.2	87	47	67	23	25	12.4	1.5	6.8	001.2
18	37.0	25.2	31.1	11.8	88	89	89	27	99	11.1	0.5	5.6	001.4
19	31.4	24.4	27.9	7.0	79	97	88	23	16	4.8	0.0	4.5	022.4
20	31.7	24.2	28.0	7.5	95	64	80	23	25	5.6	0.0	2.6	027.6
21	33.0	24.9	29.0	8.1	86	50	68	25	27	10.2	0.5	4.6	007.4
22	34.9	25.9	30.4	9.0	83	47	65	25	25	9.9	3.1	6.4	000.0
23	36.0	26.0	31.0	10.0	77	51	64	25	25	9.8	3.8	6.1	000.0
24	34.2	24.8	29.5	9.4	85	73	79	27	27	7.8	1.7	5.4	003.0
25	33.5	26.0	29.8	7.5	82	48	65	32	29	7.8	2.3	5.9	000.0
26	35.7	26.4	31.1	9.3	81	47	64	20	25	10.3	5.5	5.9	000.9
27	36.0	26.6	31.3	9.4	79	48	64	00	27	10.4	4.1	6.0	000.0
28	36.9	26.9	31.9	10.0	82	54	68	32	25	8.4	4.0	6.0	000.3
29	34.6	26.0	30.3	8.6	79	78	79	32	23	3.8	0.2	3.1	000.0
30	35.6	25.6	30.6	10.0	90	63	77	20	25	4.0	3.4	3.1	016.8
Total	1097	800	948	298	2402	1622	2012			285	146	205	81.0
Mean	36.6	26.7	31.6	9.9	80.1	54.1	67.1			9.5	4.9	6.8	2.7
S.D.	2.1	1.2	1.6	1.3	5.7	13.6	8.1			2.7	3.1	2.0	6.9
C.V.%	5.7	4.4	5.0	13.3	7.1	25.1	12.1			28.8	64.6	29.9	256.9
High.	39.0	28.5	33.3	11.8	95.0	97.0	88.5			14.2	9.8	10.3	27.6
Low.	31.4	24.2	27.9	7.0	73.0	41.0	57.5			3.8	0.0	2.6	0.0

JUNE:2021

Date	D.B. (°C)		W.B. (°C)		V.P. (mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	30.4	37.0	26.8	28.0	24.2	22.8	33.7	34.5	38.8	44.2	41.8	39.9
2	30.0	37.2	26.6	27.8	21.1	22.3	33.7	34.7	39.3	44.4	41.9	40.3
3	29.8	37.6	26.8	28.6	24.6	23.8	34.2	35.1	39.4	45.4	42.9	41.0
4	30.0	38.0	26.4	28.8	23.6	24.1	34.5	35.3	39.5	45.3	42.5	41.2
5	30.2	36.4	26.2	28.0	23.2	23.2	34.7	35.3	39.5	43.6	40.9	40.3
6	30.0	35.0	27.0	27.4	24.9	22.7	34.3	35.2	39.1	42.2	40.0	39.5
7	30.0	37.4	27.4	29.8	29.0	26.7	33.9	34.5	38.1	43.5	40.8	39.6
8	29.8	37.6	27.0	30.0	22.9	27.1	34.4	35.2	39.1	42.0	40.4	39.8
9	30.2	37.4	27.6	27.2	26.1	20.8	34.4	35.5	39.2	42.0	39.7	39.5
10	30.0	37.0	27.0	27.0	24.9	20.6	34.0	34.9	38.7	43.4	40.5	39.5
11	30.4	37.2	26.6	27.6	23.8	21.7	34.7	35.4	39.0	42.6	40.3	39.8
12	30.2	37.6	28.6	27.6	28.4	21.5	34.0	35.5	39.4	41.4	39.5	40.0
13	30.8	37.2	27.6	28.0	25.7	22.7	33.8	35.2	39.0	42.0	40.5	39.9
14	30.6	37.4	27.0	26.6	24.5	19.5	34.8	35.6	39.4	44.4	40.6	40.1
15	30.0	36.8	27.0	27.0	24.9	20.7	34.0	35.6	39.4	43.2	40.5	40.4
16	30.4	36.0	27.2	27.0	25.1	21.2	34.4	35.5	39.4	41.9	39.6	39.6
17	29.6	36.4	27.8	27.2	26.9	21.3	33.6	34.5	39.7	41.8	39.3	39.3
18	28.8	27.6	27.2	26.2	26.1	24.6	33.1	34.3	38.8	32.9	33.8	37.9
19	29.8	25.4	27.0	25.0	25.1	23.5	30.4	31.4	35.7	30.7	32.0	35.2
20	25.6	32.0	25.0	26.6	23.3	22.8	27.6	29.8	33.6	32.0	32.0	33.7
21	28.6	34.4	26.8	26.2	25.4	20.4	29.6	29.9	33.9	33.4	33.5	34.9
22	28.8	35.0	26.6	26.0	24.8	19.7	29.4	29.6	33.8	35.7	35.4	34.7
23	29.6	33.6	26.4	25.8	23.9	20.1	29.8	30.6	34.5	32.2	32.5	34.5
24	28.6	33.0	26.6	29.0	24.9	27.5	29.6	30.1	34.2	31.6	32.7	34.5
25	28.8	34.6	26.4	26.0	24.3	19.9	29.8	30.0	34.0	36.5	35.4	34.7
26	29.0	35.0	26.4	26.0	24.2	19.7	30.1	30.7	34.3	38.5	37.3	35.5
27	28.8	35.6	26.0	26.8	23.5	20.9	29.9	31.3	34.7	39.3	37.4	36.2
28	28.4	34.2	26.0	26.8	23.8	21.9	30.6	31.9	35.5	36.0	35.6	35.9
29	28.8	29.6	26.0	26.6	23.5	24.3	30.8	31.5	35.4	38.0	37.1	35.7
30	27.8	32.4	26.6	26.8	25.4	22.9	29.9	30.8	34.6	32.3	32.7	34.7
Total	884	1052	804	817	742	671	972	999	1119	1182	1139	1138
Mean	29.5	35.1	26.8	27.2	24.7	22.4	32.4	33.3	37.3	39.4	38.0	37.9
S.D.	1.1	3.1	0.7	1.2	1.6	2.2	2.2	2.3	2.4	4.8	3.5	2.5
C.V.%	3.6	8.8	2.5	4.3	6.3	9.7	6.9	6.9	6.4	12.2	9.2	6.6
Highest	30.8	38.0	28.6	30.0	29.0	27.5	34.8	35.6	39.7	45.4	42.9	41.2
Lowest	25.6	25.4	25.0	25.0	21.1	19.5	27.6	29.6	33.6	30.7	32.0	33.7

JULY:2021

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	33.3	26.0	29.7	7.3	79	52	66	23	25	8.6	0.9	4.4	000.0
2	35.5	26.4	31.0	9.1	81	54	68	23	23	15.4	7.7	6.5	000.0
3	35.2	25.6	30.4	9.6	82	51	67	23	23	14.6	5.2	6.5	000.0
4	35.5	25.8	30.7	9.7	81	49	65	25	23	11.3	4.3	6.2	000.0
5	37.0	26.1	31.6	10.9	74	41	58	16	25	9.1	4.8	7.6	000.0
6	37.2	26.4	31.8	10.8	74	44	59	25	27	7.5	5.2	7.0	000.0
7	37.4	25.9	31.7	11.5	75	40	58	27	27	7.2	5.4	8.2	000.0
8	37.5	26.0	31.8	11.5	79	46	63	25	25	8.8	7.2	8.1	000.0
9	35.8	25.4	30.6	10.4	79	55	67	25	25	10.4	5.6	7.0	000.0
10	35.0	25.9	30.5	9.1	82	62	72	32	27	10.1	1.7	5.8	000.0
11	33.9	26.1	30.0	7.8	81	62	72	36	23	5.8	0.5	3.8	000.0
12	36.1	25.2	30.7	10.9	92	80	86	36	09	5.6	0.7	3.9	002.4
13	32.0	24.9	28.5	7.1	92	92	92	36	25	4.0	0.1	1.6	013.8
14	31.0	24.5	27.8	6.5	94	78	86	20	23	7.0	0.7	2.1	068.6
15	31.1	24.9	28.0	6.2	86	72	79	32	14	4.7	0.8	2.4	002.5
16	34.0	24.6	29.3	9.4	88	87	88	23	14	4.2	5.0	3.1	001.3
17	32.0	25.3	28.7	6.7	91	91	91	23	29	4.3	3.4	3.1	031.5
18	30.9	25.5	28.2	5.4	86	75	81	29	27	6.5	3.0	2.4	007.3
19	31.2	24.1	27.7	7.1	82	81	82	27	25	8.0	0.0	2.5	001.4
20	31.0	24.9	28.0	6.1	87	74	81	25	25	11.2	0.0	2.0	001.4
21	30.6	24.8	27.7	5.8	92	83	88	27	27	13.8	0.0	2.1	005.5
22	29.8	25.5	27.7	4.3	9	77	43	23	27	12.6	0.0	1.8	000.7
23	31.2	25.4	28.3	5.8	89	73	81	27	25	9.7	0.0	1.9	000.5
24	32.5	25.5	29.0	7.0	91	69	80	27	25	10.4	0.0	2.9	000.0
25	32.3	22.6	27.5	9.7	93	98	96	23	29	10.0	0.0	3.2	001.0
26	27.0	23.7	25.4	3.3	98	89	94	27	27	6.6	0.0	0.0	113.8
27	29.2	24.8	27.0	4.4	90	82	86	20	23	8.5	0.0	2.1	006.3
28	29.5	25.0	27.3	4.5	89	75	82	20	23	11.4	0.0	1.4	001.0
29	30.1	24.9	27.5	5.2	92	87	90	20	23	14.0	0.0	2.8	001.2
30	28.3	25.2	26.8	3.1	87	81	84	23	25	11.2	0.0	1.2	000.5
31	30.5	25.4	28.0	5.1	83	75	79	23	25	14.9	0.0	2.5	000.0
Total	1014	782	898	231	2578	2175	2377			287	62	116	260.7
Mean	32.7	25.2	29.0	7.5	83.2	70.2	76.7			9.3	2.0	3.7	8.4
S.D.	2.9	0.8	1.7	2.5	15.1	16.6	12.8			3.3	2.5	2.3	23.7
C.V.%	8.9	3.2	5.9	33.8	18.2	23.6	16.6			35.6	126.6	61.5	281.3
High.	37.5	26.4	31.8	11.5	98.0	98.0	95.5			15.4	7.7	8.2	113.8
Low.	27.0	22.6	25.4	3.1	9.0	40.0	43.0			4.0	0.0	0.0	0.0

JULY: 2021

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	29.4	34.8	26.6	26.8	24.3	21.5	36.5	35.6	34.5	24.3	21.5	79.0
2	29.0	34.0	26.4	26.6	24.2	21.6	38.1	36.6	35.4	24.2	21.6	81.0
3	29.4	35.0	27.0	26.8	25.2	21.3	39.8	37.6	35.8	25.2	21.3	82.0
4	29.0	35.4	26.4	26.8	24.2	21.1	41.4	39.0	37.1	24.2	21.1	81.0
5	29.8	36.2	26.2	25.8	23.3	18.5	42.3	40.0	37.9	23.3	18.5	74.0
6	29.4	35.8	25.8	26.2	22.7	19.6	42.5	40.6	38.5	22.7	19.6	74.0
7	29.6	36.8	26.2	26.0	23.5	18.5	43.5	41.2	39.1	23.5	18.5	75.0
8	29.2	34.4	26.4	25.4	24.1	18.8	40.9	39.4	38.8	24.1	18.8	79.0
9	29.0	33.6	26.2	26.4	23.8	21.3	38.9	37.4	37.0	23.8	21.3	79.0
10	29.4	31.8	27.0	26.2	25.2	22.1	38.8	37.1	36.8	25.2	22.1	82.0
11	29.8	34.0	27.2	28.0	25.5	24.6	40.9	39.0	38.3	25.5	24.6	81.0
12	28.4	30.8	27.4	28.0	26.7	26.6	34.6	34.4	36.0	26.7	26.6	92.0
13	28.0	28.2	27.0	27.2	26.1	26.4	31.8	32.0	35.0	26.1	26.4	92.0
14	27.8	30.2	27.0	27.2	26.3	25.2	34.4	33.6	34.1	26.3	25.2	94.0
15	28.6	33.0	26.8	28.8	25.4	27.1	36.0	34.5	34.6	25.4	27.1	86.0
16	28.6	30.0	27.0	28.2	25.8	27.5	35.1	34.1	35.0	25.8	27.5	88.0
17	28.4	29.2	27.2	28.0	26.3	27.5	32.9	33.5	34.7	26.3	27.5	91.0
18	28.6	30.0	26.8	26.6	25.4	24.1	31.4	32.0	34.1	25.4	24.1	86.0
19	28.6	29.0	26.2	26.4	24.1	24.2	29.9	30.6	33.0	24.1	24.2	82.0
20	28.0	29.6	26.4	26.0	24.8	23.1	30.3	30.6	32.9	24.8	23.1	87.0
21	27.0	28.4	26.0	26.2	24.6	24.2	29.1	29.6	32.0	24.6	24.2	92.0
22	27.6	30.4	26.4	27.2	25.1	25.1	31.1	30.8	32.2	25.1	25.1	9.0
23	28.4	31.8	27.0	27.8	25.8	25.5	32.0	31.7	32.9	25.8	25.5	89.0
24	28.0	30.6	26.8	26.2	25.7	22.8	31.6	31.5	32.8	25.7	22.8	91.0
25	26.4	26.4	25.6	26.2	24.2	25.4	26.9	27.8	29.4	24.2	25.4	93.0
26	26.6	28.0	26.4	26.6	25.7	25.2	28.9	29.0	30.7	25.7	25.2	98.0
27	27.4	28.8	26.2	26.4	24.8	24.3	29.2	29.5	31.3	24.8	24.3	90.0
28	27.6	29.6	26.2	26.2	24.6	23.5	30.0	29.9	31.3	24.6	23.5	89.0
29	27.0	27.6	26.0	26.0	24.6	24.2	27.8	28.6	30.9	24.6	24.2	92.0
30	27.6	29.0	26.0	26.4	24.2	24.2	30.0	29.9	31.0	24.2	24.2	87.0
31	27.4	29.0	25.2	25.6	22.7	22.5	28.9	29.2	31.0	22.7	22.5	83.0
Total	879	971	821	828	769	728	1066	1046	1064	769	728	2578
Mean	28.4	31.3	26.5	26.7	24.8	23.5	34.4	33.8	34.3	24.8	23.5	83.2
S.D.	1.0	2.9	0.5	0.8	1.0	2.6	5.1	4.1	2.7	1.0	2.6	15.1
C.V.%	3.4	9.3	1.9	3.1	4.1	10.9	14.7	12.0	8.0	4.1	10.9	18.2
Highest	29.8	36.8	27.4	28.8	26.7	27.5	43.5	41.2	39.1	26.7	27.5	98.0
Lowest	26.4	26.4	25.2	25.4	22.7	18.5	26.9	27.8	29.4	22.7	18.5	9.0

AUGUST: 2021

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	29.6	25.0	27.3	4.6	86	71	79	27	25	13.6	0.0	2.2	000.0
2	30.6	25.2	27.9	5.4	83	72	78	25	25	12.5	0.0	2.6	000.0
3	31.3	24.5	27.9	6.8	86	78	82	23	25	12.3	0.0	2.6	000.7
4	31.0	23.9	27.5	7.1	87	64	76	25	25	10.2	0.0	2.7	000.8
5	32.5	24.7	28.6	7.8	83	53	68	23	25	11.3	0.8	3.9	000.0
6	33.8	25.2	29.5	8.6	87	61	74	23	25	10.4	1.9	5.9	000.0
7	32.6	24.9	28.8	7.7	90	60	75	18	25	9.0	0.0	4.8	000.0
8	32.7	24.2	28.5	8.5	90	49	70	23	23	6.9	0.3	3.7	000.0
9	34.5	24.0	29.3	10.5	83	78	81	18	27	6.7	1.5	5.0	000.0
10	30.6	23.8	27.2	6.8	89	75	82	20	18	5.1	1.2	3.3	006.6
11	30.0	23.4	26.7	6.6	89	58	74	27	25	5.1	0.0	3.0	001.0
12	33.4	24.6	29.0	8.8	89	74	82	20	25	9.6	4.7	5.4	000.0
13	31.5	23.3	27.4	8.2	95	69	82	18	25	7.5	1.2	3.6	005.8
14	31.4	24.0	27.7	7.4	85	56	71	25	18	6.3	1.6	2.9	002.3
15	33.0	24.5	28.8	8.5	82	52	67	25	18	9.2	4.8	4.9	000.0
16	33.8	24.3	29.1	9.5	80	53	67	29	27	8.3	5.7	6.0	000.0
17	34.5	24.4	29.5	10.1	80	49	65	36	25	4.6	4.7	5.6	000.0
18	34.5	24.6	29.6	9.9	83	69	76	32	25	4.8	6.6	4.8	000.0
19	31.6	25.0	28.3	6.6	84	52	68	32	25	4.6	0.0	2.8	000.0
20	33.5	24.2	28.9	9.3	83	65	74	32	25	5.2	0.0	3.0	000.0
21	33.0	23.7	28.4	9.3	93	86	90	25	36	3.6	0.0	3.2	001.3
22	28.1	22.9	25.5	5.2	97	85	91	23	23	2.1	0.0	1.4	010.4
23	30.6	23.6	27.1	7.0	92	79	86	20	27	3.6	0.4	1.8	000.0
24	32.0	24.0	28.0	8.0	90	75	83	32	00	3.7	2.5	2.5	000.7
25	31.9	24.1	28.0	7.8	87	60	74	25	27	5.0	5.8	2.9	002.0
26	33.8	23.8	28.8	10.0	89	58	74	18	23	9.0	7.7	5.6	000.0
27	33.5	23.5	28.5	10.0	85	59	72	23	23	9.4	4.2	4.2	000.0
28	33.6	24.0	28.8	9.6	86	53	70	27	25	7.8	6.2	5.4	000.3
29	34.0	23.9	29.0	10.1	84	51	68	27	23	5.0	6.8	5.3	000.0
30	34.8	25.0	29.9	9.8	82	56	69	99	27	4.6	5.9	5.0	000.0
31	33.2	22.0	27.6	11.2	98	85	92	00	27	4.1	0.6	2.8	010.7
Total	1005	748	877	257	2697	2005	2351			221	75	119	42.6
Mean	32.4	24.1	28.3	8.3	87.0	64.7	75.8			7.1	2.4	3.8	1.4
S.D.	1.6	0.7	1.0	1.7	4.6	11.6	7.4			3.0	2.6	1.3	2.9
C.V.%	5.1	2.9	3.4	20.1	5.3	17.9	9.8			42.6	109.3	34.7	212.2
High.	34.8	25.2	29.9	11.2	98.0	86.0	91.5			13.6	7.7	6.0	10.7
Low.	28.1	22.0	25.5	4.6	80.0	49.0	64.5			2.1	0.0	1.4	0.0

AUGUST: 2021

Date	D.B. (°C)		W.B. (°C)		V.P. (mmHg)		Soil Temperature (°C)					
	I	II	I	II	I	II	5(I)	10(I)	20(I)	5(II)	10(II)	20(II)
1	27.0	29.4	25.2	25.4	22.9	21.9	26.9	27.4	30.7	29.4	29.7	31.4
2	27.6	29.0	25.4	25.2	22.9	21.7	27.1	28.0	30.9	30.5	30.2	31.4
3	27.8	29.0	26.0	26.0	24.1	23.3	27.4	28.2	31.0	30.5	30.4	31.4
4	27.4	31.6	25.8	26.2	23.9	22.3	27.4	28.5	31.1	34.5	32.4	31.9
5	27.6	32.4	25.4	25.0	22.9	19.2	28.2	29.3	31.6	38.6	35.5	33.0
6	27.4	32.4	25.8	26.4	23.9	22.3	29.4	30.0	32.5	36.5	35.2	33.7
7	27.2	32.0	26.0	26.0	24.5	21.5	28.4	30.2	32.6	35.5	34.4	34.0
8	27.0	33.6	25.8	25.4	24.2	19.2	28.4	30.0	33.3	38.4	36.6	34.8
9	28.0	29.0	25.8	26.0	23.6	23.3	30.5	30.7	34.0	33.0	33.5	34.6
10	27.0	28.8	25.6	25.4	23.8	22.3	27.6	29.5	33.0	31.9	31.8	33.0
11	26.8	32.4	25.4	26.0	23.5	21.3	27.5	29.0	32.4	36.3	34.5	33.3
12	27.4	30.4	26.0	26.8	24.3	24.2	28.8	29.6	33.0	32.4	32.5	33.5
13	25.6	30.8	25.0	26.4	23.3	23.1	27.8	29.0	32.3	31.5	30.6	32.7
14	27.8	32.4	25.8	25.6	23.6	20.4	27.5	28.5	32.8	35.0	33.3	33.0
15	28.0	32.8	25.6	25.2	23.2	19.3	28.9	29.3	32.4	37.8	35.8	34.0
16	28.2	32.6	25.6	25.2	23.1	19.5	29.0	30.5	33.1	38.0	37.1	35.2
17	28.0	34.4	25.4	26.0	22.8	29.1	29.2	30.8	33.7	40.4	38.5	35.9
18	27.0	30.0	24.8	25.6	22.3	22.0	29.9	30.8	34.6	35.6	34.7	34.9
19	27.2	33.0	25.2	25.4	22.8	19.7	29.8	30.7	34.2	37.9	36.5	35.4
20	27.2	31.4	25.0	26.2	22.4	22.3	29.8	30.7	34.4	36.4	35.6	35.0
21	26.6	27.8	23.8	26.0	24.5	24.1	29.7	30.9	34.4	30.9	31.3	33.7
22	25.4	28.8	25.0	26.8	23.5	25.2	27.9	28.9	32.2	32.3	32.4	33.1
23	26.8	29.0	25.8	26.2	24.3	23.8	28.3	29.1	32.4	34.7	33.9	33.5
24	27.2	30.0	26.0	27.0	24.5	24.9	28.6	29.1	32.3	34.5	34.1	33.7
25	27.4	32.0	25.8	26.0	23.9	21.5	28.7	29.5	32.6	38.3	36.0	34.4
26	27.2	32.0	25.8	25.6	24.1	20.7	29.5	30.0	33.4	38.8	37.0	34.6
27	27.8	32.4	25.8	26.2	23.6	21.7	29.6	30.6	33.7	39.5	37.4	35.0
28	27.6	33.8	25.8	26.2	23.8	20.8	30.1	31.0	34.3	40.6	38.5	36.1
29	27.2	33.6	25.2	25.8	22.8	20.1	30.4	31.5	34.5	41.0	39.4	37.5
30	27.8	32.8	25.4	26.0	22.8	21.1	30.9	31.4	35.8	39.1	37.3	36.0
31	24.0	28.8	23.8	26.8	22.0	25.2	28.5	29.3	35.0	31.3	32.7	34.2
Total	842	968	789	804	728	687	892	922	1024	1101	1069	1054
Mean	27.2	31.2	25.4	25.9	23.5	22.2	28.8	29.7	33.0	35.5	34.5	34.0
S.D.	0.9	1.9	0.6	0.5	0.7	2.2	1.1	1.0	1.3	3.4	2.6	1.5
C.V.%	3.1	5.9	2.2	2.0	3.0	9.8	3.8	3.5	3.8	9.6	7.7	4.3
Highest	28.2	34.4	26.0	27.0	24.5	29.1	30.9	31.5	35.8	41.0	39.4	37.5
Lowest	24.0	27.8	23.8	25.0	22.0	19.2	26.9	27.4	30.7	29.4	29.7	31.4

SEPTEMBER: 2021

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	28.8	21.6	25.2	7.2	100	97	99	00	00	3.0	0.0	2.6	042.2
2	28.0	24.0	26.0	4.0	89	82	86	16	20	3.6	0.3	1.9	016.0
3	31.2	24.0	27.6	7.2	97	86	92	20	23	8.4	4.2	2.8	006.0
4	28.1	22.0	25.1	6.1	89	86	88	18	27	7.7	0.0	0.7	030.3
5	30.0	22.6	26.3	7.4	93	90	92	00	14	6.4	1.8	2.9	000.5
6	30.1	24.5	27.3	5.6	92	86	89	36	27	3.8	0.9	1.9	006.0
7	31.0	24.7	27.9	6.3	89	70	80	05	05	4.0	2.2	1.9	003.5
8	32.0	24.3	28.2	7.7	100	95	98	34	25	3.9	0.4	2.5	014.9
9	28.0	23.9	26.0	4.1	98	71	85	16	23	4.4	0.0	O.F.	118.1
10	31.1	24.7	27.9	6.4	93	79	86	23	27	6.0	4.3	2.7	000.2
11	31.5	25.0	28.3	6.5	92	83	88	23	29	5.3	0.0	3.3	000.2
12	29.0	25.4	27.2	3.6	92	83	88	29	32	3.6	0.5	1.8	000.0
13	28.7	24.0	26.4	4.7	100	100	100	32	29	5.1	0.0	O.F.	113.0
14	26.5	21.6	24.1	4.9	100	100	100	14	23	5.6	0.0	O.F.	231.5
15	26.9	25.0	26.0	1.9	98	83	91	00	20	3.1	0.0	0.3	045.4
16	31.2	25.8	28.5	5.4	95	89	92	18	23	3.9	1.5	2.1	003.1
17	27.9	24.7	26.3	3.2	98	95	97	16	32	7.0	0.0	1.9	025.5
18	28.5	24.8	26.7	3.7	92	70	81	14	18	5.2	0.0	1.8	002.6
19	31.7	25.0	28.4	6.7	87	67	77	16	27	3.8	2.4	3.2	000.0
20	32.5	25.0	28.8	7.5	90	66	78	23	27	4.5	6.5	3.6	000.0
21	32.5	24.7	28.6	7.8	100	86	93	00	27	4.2	5.0	3.9	009.2
22	28.6	25.2	26.9	3.4	97	75	86	23	29	4.0	0.0	0.0	017.0
23	31.0	25.3	28.2	5.7	93	83	88	23	29	6.0	2.2	2.9	001.4
24	30.9	24.2	27.6	6.7	95	79	87	18	23	4.2	1.0	0.9	014.5
25	29.5	24.8	27.2	4.7	92	73	83	18	23	5.3	0.7	2.4	006.8
26	31.1	24.3	27.7	6.8	86	68	77	25	25	5.4	5.6	1.7	000.0
27	32.4	25.5	29.0	6.9	89	97	93	36	36	3.5	6.1	3.4	000.0
28	29.6	23.5	26.6	6.1	93	67	80	05	36	3.0	0.0	0.5	016.5
29	32.4	23.0	27.7	9.4	96	97	97	27	23	3.7	4.2	3.3	057.8
30	28.0	24.0	26.0	4.0	93	82	88	18	18	7.2	7.2	0.0	061.0
Total	899	727	813	172	2818	2485	2652			145	57	57	843.2
Mean	30.0	24.2	27.1	5.7	93.9	82.8	88.4			4.8	1.9	2.1	28.1
S.D.	1.8	1.1	1.2	1.7	4.2	10.6	6.7			1.4	2.3	1.1	49.3
C.V.%	5.9	4.6	4.5	29.9	4.4	12.8	7.6			29.8	122.4	53.0	175.5
High.	32.5	25.8	29.0	9.4	100.0	100.0	100.0			8.4	7.2	3.9	231.5
Low.	26.5	21.6	24.1	1.9	86.0	66.0	77.0			3.0	0.0	0.0	0.0

SEPTEMBER: 2021

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	25.6	26.8	25.6	26.4	24.6	25.5	27.0	27.5	31.4	29.2	29.4	31.4
2	26.8	29.8	25.4	27.4	23.5	26.0	28.6	28.8	31.9	33.6	32.9	32.9
3	26.2	27.0	25.8	25.2	24.6	22.9	28.0	29.0	32.4	29.6	29.9	32.4
4	26.6	27.8	26.0	26.0	24.8	24.1	27.2	28.4	31.0	30.9	30.8	31.8
5	26.8	27.4	26.0	26.2	24.8	24.8	27.7	28.4	31.0	30.7	31.5	32.5
6	27.0	27.8	26.0	26.0	24.6	24.1	28.4	29.0	31.9	31.1	31.9	32.8
7	27.4	31.6	26.0	27.2	24.3	24.3	28.7	29.6	32.3	33.0	32.5	32.9
8	26.0	26.6	26.0	26.0	25.2	24.8	25.8	28.5	31.9	29.2	29.5	31.1
9	25.6	30.0	25.4	26.0	24.2	22.8	27.2	28.5	29.9	33.0	32.2	31.4
10	26.8	30.4	26.0	27.4	24.8	25.8	28.2	28.9	31.3	33.5	32.4	32.4
11	27.0	28.4	26.0	26.2	24.6	24.2	28.6	29.2	32.5	30.1	29.9	32.0
12	27.0	28.6	26.0	26.4	24.6	24.5	28.6	29.1	31.6	29.0	29.5	31.4
13	26.0	25.6	26.0	25.6	25.2	24.6	26.8	26.8	29.4	27.0	27.1	29.5
14	24.4	26.2	24.4	26.2	22.9	25.5	26.0	27.5	28.9	26.8	27.2	28.9
15	26.0	30.4	25.8	28.0	24.8	26.9	26.8	27.4	29.1	32.5	30.8	30.4
16	26.8	27.4	26.2	26.0	25.2	24.3	27.9	28.8	30.9	29.5	29.4	30.8
17	25.4	26.0	25.2	25.4	23.9	23.9	27.0	27.9	30.4	28.7	29.0	30.5
18	26.6	31.4	25.6	27.0	24.1	24.1	26.8	27.4	29.8	32.9	31.0	30.8
19	27.6	31.6	26.0	26.8	24.2	23.5	27.5	28.6	30.9	33.0	32.4	32.5
20	27.4	31.6	26.2	26.6	24.8	23.1	27.6	28.7	31.4	33.5	32.5	32.1
21	26.0	28.2	26.0	26.4	25.2	24.8	27.5	28.0	31.1	29.1	29.4	31.0
22	26.6	30.0	26.2	26.6	25.2	24.1	27.6	27.9	30.5	30.6	30.5	31.0
23	27.0	28.2	26.2	26.0	25.1	23.8	28.4	28.5	30.8	30.9	30.7	31.2
24	26.4	28.8	25.8	26.0	24.5	23.5	27.2	27.9	30.3	30.0	29.4	30.4
25	27.0	30.0	26.0	26.2	24.6	23.2	27.1	27.5	30.0	31.6	31.0	30.9
26	27.4	31.4	25.6	26.8	23.5	23.6	27.2	28.6	30.4	34.4	33.0	31.8
27	27.4	26.0	26.0	25.6	24.3	24.3	28.7	29.1	31.5	29.5	20.2	31.7
28	25.4	31.8	24.6	27.0	22.7	23.8	26.8	27.5	30.5	33.8	32.5	31.3
29	24.6	26.4	24.2	26.0	22.4	24.9	26.9	28.0	31.0	28.1	28.5	30.7
30	26.0	29.0	25.2	26.6	23.6	24.6	26.6	26.9	29.6	30.5	30.0	29.9
Total	793	862	771	791	731	730	824	848	926	925	907	940
Mean	26.4	28.7	25.7	26.4	24.4	24.3	27.5	28.3	30.9	30.8	30.2	31.3
S.D.	0.8	2.0	0.5	0.6	0.8	0.9	0.8	0.7	1.0	2.1	2.5	1.0
C.V.%	3.1	6.9	2.0	2.4	3.1	3.9	2.9	2.6	3.1	6.8	8.2	3.2
Highest	27.6	31.8	26.2	28.0	25.2	26.9	28.7	29.6	32.5	34.4	33.0	32.9
Lowest	24.4	25.6	24.2	25.2	22.4	22.8	25.8	26.8	28.9	26.8	20.2	28.9

OCTOBER: 2021

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	30.5	24.9	27.7	5.6	87	68	77.5	14	20	8.7	0.0	1.3	016.7
2	32.5	24.4	28.5	8.1	85	58	71.5	14	23	5.5	10.0	4.7	000.0
3	34.0	24.9	29.5	9.1	85	62	73.5	36	27	3.6	10.0	3.0	000.0
4	33.6	25.0	29.3	8.6	90	66	78.0	32	27	3.3	9.0	4.7	000.0
5	33.3	24.5	28.9	8.8	85	60	72.5	36	34	3.4	10.0	3.5	000.0
6	33.5	25.4	29.5	8.1	86	57	71.5	05	34	4.8	10.2	4.4	000.0
7	34.5	26.5	30.5	8.0	83	58	70.5	36	05	5.9	9.1	5.0	000.0
8	35.5	24.4	30.0	11.1	90	93	91.5	23	14	4.1	6.5	4.4	001.3
9	33.8	24.1	29.0	9.7	95	95	95.0	18	14	3.0	2.8	1.7	019.6
10	33.0	24.6	28.8	8.4	86	79	82.5	00	14	2.5	3.7	2.6	014.6
11	34.5	24.3	29.4	10.2	86	66	76.0	36	29	2.1	5.5	2.9	012.6
12	33.6	24.5	29.1	9.1	80	60	70.0	36	32	2.7	7.9	3.3	000.7
13	33.5	23.1	28.3	10.4	80	50	65.0	05	02	3.0	7.3	3.5	012.1
14	34.6	25.0	29.8	9.6	48	32	40.0	02	02	3.6	9.1	4.4	000.0
15	35.8	20.0	27.9	15.8	73	34	53.5	36	32	3.6	9.6	5.8	000.0
16	35.1	19.9	27.5	15.2	71	29	50.0	34	11	2.6	9.7	5.1	000.0
17	35.1	20.4	27.8	14.7	70	27	48.5	02	36	2.9	9.1	4.7	000.0
18	35.1	19.6	27.4	15.5	62	29	45.5	05	32	3.0	9.3	3.6	000.0
19	34.0	20.0	27.0	14.0	86	48	67.0	00	27	3.4	9.0	3.6	000.0
20	33.3	21.1	27.2	12.2	79	40	59.5	05	27	3.1	9.6	3.8	000.0
21	33.1	20.6	26.9	12.5	65	35	50.0	05	27	2.9	10.2	3.9	000.0
22	33.4	19.6	26.5	13.8	74	44	59.0	00	27	3.0	10.3	4.2	000.0
23	32.9	20.3	26.6	12.6	83	54	68.5	23	23	3.6	10.3	4.2	000.0
24	32.8	21.4	27.1	11.4	90	51	70.5	16	27	4.4	10.1	4.1	000.0
25	33.0	21.5	27.3	11.5	73	29	51.0	05	34	4.6	9.7	4.1	000.0
26	32.2	19.0	25.6	13.2	76	31	53.5	02	05	3.4	10.0	4.0	000.0
27	33.6	20.7	27.2	12.9	73	34	53.5	20	05	3.4	9.2	4.0	000.0
28	34.0	18.6	26.3	15.4	79	33	56.0	25	05	2.8	8.7	3.8	000.0
29	34.5	17.5	26.0	17.0	67	41	54.0	05	05	2.8	9.0	4.0	000.0
30	33.7	15.6	24.7	18.1	71	47	59.0	27	05	2.4	8.9	4.3	000.0
31	33.0	14.4	23.7	18.6	72	21	46.5	27	02	3.5	10.0	4.9	000.0
Total	1045	676	860	369	2430	1531	1981			112	264	122	77.6
Mean	33.7	21.8	27.8	11.9	78.4	49.4	63.9			3.6	8.5	3.9	2.5
S.D.	1.1	3.1	1.6	3.3	10.0	18.9	13.7			1.3	2.4	0.9	5.7
C.V.%	3.2	14.0	5.7	27.8	12.8	38.3	21.4			35.6	28.6	23.9	229.4
High.	35.8	26.5	30.5	18.6	95.0	95.0	95.0			8.7	10.3	5.8	19.6
Low.	30.5	14.4	23.7	5.6	48.0	21.0	40.0			2.1	0.0	1.3	0.0

OCTOBER: 2021

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	31.4	26.0	26.8	24.2	23.6	27.0	27.6	29.9	33.5	32.7	30.9
2	28.0	33.6	26.0	27.0	24.1	22.7	28.0	28.5	30.4	36.0	34.2	32.1
3	27.8	33.4	25.8	27.6	23.6	24.1	28.8	29.4	31.6	35.3	34.8	32.7
4	27.4	32.0	26.2	27.0	24.8	23.6	28.4	29.3	31.9	35.1	34.0	33.1
5	27.8	33.0	25.8	26.8	23.6	22.7	27.6	28.8	32.0	35.5	34.4	33.2
6	28.0	33.8	26.2	27.0	24.3	22.5	28.5	29.1	32.2	35.9	34.8	33.1
7	28.4	34.8	26.2	28.0	24.2	24.2	28.8	29.5	32.3	37.0	34.5	33.5
8	27.0	25.6	25.8	24.8	24.2	22.9	27.8	29.1	32.0	30.0	31.1	33.0
9	28.2	25.6	27.6	25.0	27.4	23.3	28.5	29.0	31.4	31.4	31.8	33.4
10	28.6	29.0	26.8	26.2	25.4	23.8	28.6	29.2	31.4	36.0	34.8	33.1
11	27.8	33.0	26.0	27.8	24.1	24.8	28.6	29.4	31.8	36.0	34.8	33.0
12	27.4	33.4	24.8	27.2	21.9	23.2	28.4	29.5	32.2	36.1	34.4	33.5
13	27.6	34.0	25.0	25.8	22.1	19.8	27.6	28.7	31.0	36.4	34.2	32.9
14	29.0	35.2	21.8	23.0	14.4	13.5	26.5	27.3	31.8	35.0	33.9	32.9
15	27.0	34.6	23.4	23.0	19.3	14.0	26.6	27.5	31.2	35.9	34.7	32.6
16	26.8	35.0	23.0	22.2	18.8	12.2	26.3	27.0	30.9	35.3	33.9	32.0
17	27.2	34.6	23.2	21.4	18.9	11.0	26.7	27.5	31.1	32.9	32.3	31.9
18	26.8	33.6	21.8	21.2	16.5	11.3	24.6	25.7	30.2	32.0	32.4	31.4
19	23.0	32.8	21.4	24.4	18.1	17.8	24.0	25.8	29.8	33.9	33.4	31.9
20	25.6	32.6	23.0	22.8	19.5	14.8	25.2	26.7	30.3	34.4	33.6	31.9
21	26.8	33.0	22.2	22.6	17.2	13.7	25.1	26.6	30.4	34.5	33.4	31.9
22	26.2	32.0	22.8	23.0	18.8	15.6	25.1	26.5	30.3	34.0	33.5	31.7
23	24.0	31.4	22.0	24.4	18.7	18.7	24.7	26.6	29.9	33.8	32.9	31.6
24	25.0	31.0	23.8	23.8	21.3	17.4	25.4	26.9	30.2	34.5	33.4	32.1
25	25.6	32.0	22.2	20.0	18.0	10.3	25.0	26.7	30.4	34.0	33.1	31.4
26	25.0	33.0	22.0	21.4	18.0	12.0	24.6	25.9	29.9	34.0	33.4	31.1
27	25.2	33.4	21.6	21.8	17.5	12.5	25.2	26.8	30.5	35.0	33.5	32.2
28	22.5	33.4	20.2	22.0	16.3	12.9	24.6	26.4	30.5	35.0	33.6	31.8
29	23.0	33.4	19.0	23.6	14.1	15.9	24.0	26.0	30.2	35.0	33.0	31.8
30	20.8	32.4	17.6	24.0	13.1	17.2	23.4	25.2	29.7	34.8	32.8	31.2
31	21.4	33.4	18.2	19.2	13.7	8.1	22.6	24.8	29.0	35.0	33.0	30.7
Total	813	1009	727	751	626	550	816	853	956	1073	1040	1000
Mean	26.2	32.6	23.5	24.2	20.2	17.7	26.3	27.5	30.9	34.6	33.6	32.2
S.D.	2.2	2.3	2.6	2.5	3.9	5.2	1.8	1.4	0.9	1.5	0.9	0.8
C.V.%	8.3	6.9	11.1	10.2	19.3	29.4	7.0	5.3	2.9	4.3	2.8	2.5
Highest	29.0	35.2	27.6	28.0	27.4	24.8	28.8	29.5	32.3	37.0	34.8	33.5
Lowest	20.8	25.6	17.6	19.2	13.1	8.1	22.6	24.8	29.0	30.0	31.1	30.7

NOVEMBER: 2021

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	33.8	14.6	24.2	19.2	65	24	44.5	27	05	2.7	9.8	4.1	000.0
2	33.6	15.3	24.5	18.3	63	37	50.0	00	05	2.1	9.6	4.5	000.0
3	34.3	19.4	26.9	14.9	72	32	52.0	00	23	2.1	9.6	4.5	000.0
4	34.4	16.6	25.5	17.8	75	25	50.0	20	07	2.0	9.5	3.9	000.0
5	34.0	17.2	25.6	16.8	68	31	49.5	23	05	2.4	9.6	2.8	000.0
6	34.3	18.4	26.4	15.9	59	33	46.0	18	05	2.8	5.7	4.5	000.0
7	32.1	18.3	25.2	13.8	58	40	49.0	14	05	2.8	0.4	4.0	000.0
8	33.0	21.6	27.3	11.4	64	28	46.0	23	05	3.6	1.8	4.0	000.0
9	33.5	17.1	25.3	16.4	57	22	39.5	00	09	2.6	3.5	2.9	000.0
10	34.5	15.4	25.0	19.1	66	24	45.0	00	09	2.5	8.9	3.8	000.0
11	34.5	13.6	24.1	20.9	68	21	44.5	00	05	2.0	8.7	4.1	000.0
12	33.5	14.0	23.8	19.5	63	17	40.0	00	09	2.8	8.5	4.1	000.0
13	33.5	14.6	24.1	18.9	57	23	40.0	00	09	3.8	7.5	4.7	000.0
14	32.0	13.6	22.8	18.4	74	21	47.5	23	05	4.3	8.0	5.4	000.0
15	33.0	13.8	23.4	19.2	73	30	51.5	00	05	4.5	8.2	5.8	000.0
16	32.6	15.2	23.9	17.4	62	49	55.5	23	05	4.3	7.7	5.5	000.0
17	32.7	18.4	25.6	14.3	60	44	52.0	00	05	4.2	8.1	4.3	000.0
18	32.6	21.8	27.2	10.8	88	60	74.0	00	05	5.2	0.0	4.1	000.0
19	29.0	22.2	25.6	6.8	85	63	74.0	00	05	3.3	0.6	2.4	000.0
20	31.6	20.8	26.2	10.8	83	56	69.5	00	05	4.4	0.7	2.4	000.0
21	32.6	23.6	28.1	9.0	68	52	60.0	18	05	5.8	3.9	5.2	000.0
22	33.6	23.0	28.3	10.6	77	57	67.0	27	05	5.1	3.0	5.7	000.0
23	34.4	21.4	27.9	13.0	88	44	66.0	00	05	2.3	3.0	5.3	000.0
24	34.5	17.8	26.2	16.7	64	39	51.5	00	32	2.4	8.2	5.2	000.0
25	33.2	17.0	25.1	16.2	48	29	38.5	05	05	2.7	9.2	5.5	000.0
26	32.5	13.2	22.9	19.3	71	37	54.0	23	34	2.6	9.2	5.2	000.0
27	33.6	14.8	24.2	18.8	72	40	56.0	00	05	2.0	8.5	3.6	000.0
28	34.2	15.1	24.7	19.1	87	36	61.5	00	34	1.6	8.4	3.6	000.0
29	34.3	15.4	24.9	18.9	84	26	55.0	27	14	2.3	8.6	3.3	000.0
30	32.5	17.2	24.9	15.3	55	51	53.0	23	05	2.8	7.1	4.2	000.0
Total	998	520	759	478	2074	1091	1583			94	196	128.6	0.0
Mean	33.3	17.3	25.3	15.9	69.1	36.4	52.8			3.1	6.5	4.3	0.0
S.D.	1.2	3.1	1.5	3.6	10.7	12.9	9.8			1.1	3.3	1.0	0.0
C.V.%	3.5	18.0	5.9	22.9	15.5	35.5	18.6			35.5	50.5	22.2	0.0
High.	34.5	23.6	28.3	20.9	88.0	63.0	74.0			5.8	9.8	5.8	0.0
Low.	29.0	13.2	22.8	6.8	48.0	17.0	38.5			1.6	0.0	2.4	0.0

NOVEMBER: 2021

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	33.4	17.0	20.0	12.1	9.3	22.2	24.4	29.5	35.5	32.4	30.0
2	22.2	33.8	17.8	23.0	12.6	14.4	22.6	24.3	28.6	36.4	33.0	30.2
3	23.2	33.8	19.8	22.0	15.3	12.6	24.6	25.3	29.8	37.0	34.4	31.5
4	23.0	33.6	20.0	20.4	15.7	9.9	24.5	26.0	30.0	35.6	34.0	31.5
5	23.4	33.0	19.6	21.4	14.8	12.0	24.6	25.7	30.0	35.2	34.4	31.7
6	23.0	30.8	18.0	21.0	12.5	10.9	24.5	26.4	30.2	33.1	31.4	30.6
7	20.4	30.0	15.6	20.8	10.4	13.0	23.4	25.0	29.1	31.8	30.3	29.7
8	23.2	32.4	18.8	20.2	13.6	10.3	24.2	25.6	29.0	33.3	31.6	30.5
9	23.0	33.8	17.8	19.8	12.1	8.8	23.7	25.0	29.2	35.2	34.6	31.0
10	20.6	33.6	16.8	20.0	12.1	9.2	23.0	24.8	29.0	35.4	33.5	29.4
11	20.4	32.6	16.8	18.8	12.1	7.8	22.5	24.0	29.6	35.4	33.2	30.6
12	20.8	33.2	16.6	18.2	11.6	6.5	22.6	24.4	29.2	34.8	33.7	30.5
13	20.0	31.6	15.2	18.6	10.0	8.1	22.0	24.2	27.6	34.8	32.6	30.0
14	17.6	32.0	15.0	18.4	11.2	7.6	21.8	24.5	28.3	34.9	32.7	30.3
15	18.0	31.2	15.2	19.8	11.2	10.4	22.6	25.0	29.0	34.6	32.4	29.8
16	21.2	30.6	16.8	22.8	11.4	15.7	22.5	24.6	28.8	36.0	32.8	30.0
17	24.0	30.6	19.0	22.0	13.5	14.5	24.8	25.6	29.5	32.7	31.3	30.4
18	24.0	27.0	22.6	21.6	19.7	16.1	26.5	27.2	29.8	31.6	30.4	30.0
19	23.8	29.6	22.0	24.4	18.8	19.7	26.0	26.8	29.6	35.1	33.6	31.0
20	24.4	32.2	22.4	25.4	19.1	20.2	26.2	27.4	30.2	36.7	34.3	31.6
21	27.2	32.8	23.0	25.2	18.5	19.3	27.2	28.3	31.0	36.8	34.3	32.4
22	26.4	33.6	23.4	26.8	19.7	22.3	27.2	28.4	31.8	38.3	34.9	32.8
23	23.8	33.4	22.5	25.0	19.5	18.0	26.8	28.4	32.0	37.4	35.2	32.9
24	26.0	32.4	21.4	22.4	16.3	14.2	26.5	27.4	31.4	38.2	34.6	32.4
25	24.4	31.8	17.6	20.0	10.9	10.3	24.5	25.8	28.7	37.6	34.0	32.1
26	20.2	32.0	17.0	21.8	12.6	13.4	22.2	24.8	29.8	36.8	33.0	31.0
27	21.4	32.2	18.2	22.4	13.7	14.3	22.4	24.8	29.2	36.0	32.7	30.5
28	20.6	32.6	19.2	22.0	15.9	13.4	23.3	25.4	29.2	36.3	33.0	30.8
29	22.0	31.8	20.2	19.2	16.7	9.0	23.6	25.2	29.8	36.0	32.7	31.0
30	22.4	28.0	17.0	21.0	11.2	14.3	23.3	25.4	29.8	31.6	30.3	29.7
Total	672	959	562	644	425	386	722	770	889	1060	991	926
Mean	22.4	32.0	18.7	21.5	14.2	12.9	24.1	25.7	29.6	35.3	33.0	30.9
S.D.	2.3	1.7	2.5	2.2	3.1	4.1	1.7	1.3	1.0	1.8	1.4	1.0
C.V.%	10.1	5.3	13.4	10.3	22.0	32.1	7.0	5.1	3.3	5.2	4.1	3.1
Highest	27.2	33.8	23.4	26.8	19.7	22.3	27.2	28.4	32.0	38.3	35.2	32.9
Lowest	17.6	27.0	15.0	18.2	10.0	6.5	21.8	24.0	27.6	31.6	30.3	29.4

DECEMBER: 2021

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	32.2	20.2	26.2	12.0	84	72	78	34	32	3.0	0.0	4.8	000.0
2	25.3	17.8	21.6	7.5	89	82	86	34	99	5.2	0.0	3.2	000.0
3	23.0	12.8	17.9	10.2	87	60	74	14	05	5.2	0.1	0.9	000.0
4	27.6	15.6	21.6	12.0	87	47	67	02	34	4.2	5.0	3.0	000.0
5	29.5	17.5	23.5	12.0	85	49	67	00	02	2.9	1.5	4.3	000.0
6	29.3	19.2	24.3	10.1	50	34	42	36	34	4.8	1.2	4.6	000.0
7	30.2	15.5	22.9	14.7	63	44	54	23	09	5.0	7.4	5.2	000.0
8	31.2	21.6	26.4	9.6	49	42	46	05	36	3.6	4.1	3.6	000.0
9	29.2	15.4	22.3	13.8	66	37	52	00	05	5.6	0.3	5.2	000.0
10	30.2	15.0	22.6	15.2	75	41	58	00	36	4.2	7.0	4.6	000.0
11	31.5	15.8	23.7	15.7	74	42	58	16	02	4.5	6.6	4.0	000.0
12	31.4	15.3	23.4	16.1	67	41	54	00	05	3.1	5.7	3.7	000.0
13	31.2	15.4	23.3	15.8	69	42	56	32	02	3.1	6.7	3.3	000.0
14	30.4	13.8	22.1	16.6	48	30	39	05	34	2.7	6.9	3.6	000.0
15	27.5	16.2	21.9	11.3	52	30	41	05	02	6.1	8.6	5.6	000.0
16	27.4	16.0	21.7	11.4	31	21	26	05	02	6.3	8.5	6.2	000.0
17	27.0	15.4	21.2	11.6	19	29	24	02	05	7.5	9.0	7.1	000.0
18	26.5	9.6	18.1	16.9	66	42	54	36	36	6.1	8.0	5.6	000.0
19	27.6	9.8	18.7	17.8	89	38	64	23	05	4.3	6.4	3.6	000.0
20	29.3	11.0	20.2	18.3	53	30	42	23	02	2.3	8.6	2.5	000.0
21	30.1	9.6	19.9	20.5	53	19	36	00	36	2.0	9.1	3.1	000.0
22	29.6	9.6	19.6	20.0	70	29	50	00	32	2.0	8.7	3.7	000.0
23	30.0	11.4	20.7	18.6	68	34	51	18	29	2.3	8.4	3.2	000.0
24	28.5	13.6	21.1	14.9	90	55	73	00	02	2.6	8.4	2.6	000.0
25	29.2	14.2	21.7	15.0	77	48	63	23	36	2.3	7.5	2.9	000.0
26	28.5	14.4	21.5	14.1	77	47	62	34	32	1.2	6.7	2.8	000.0
27	29.2	14.6	21.9	14.6	79	47	63	00	32	4.0	6.6	2.9	000.0
28	28.7	18.1	23.4	10.6	81	56	69	05	34	5.1	5.5	3.6	000.0
29	26.5	15.4	21.0	11.1	80	48	64	34	05	7.2	4.9	3.8	000.0
30	26.4	15.8	21.1	10.6	66	41	54	09	07	4.5	8.9	4.5	000.0
31	26.0	12.0	19.0	14.0	76	46	61	14	32	6.1	7.9	4.2	000.0
Total	890	458	674	433	2120	1323	1722			129	184	122	0.0
Mean	28.7	14.8	21.7	14.0	68.4	42.7	55.5			4.2	5.9	3.9	0.0
S.D.	2.1	3.0	2.0	3.2	17.3	13.3	14.2			1.6	3.0	1.2	0.0
C.V.%	7.2	20.6	9.3	23.3	25.3	31.2	25.6			39.6	50.5	31.5	0.0
High.	32.2	21.6	26.4	20.5	90.0	82.0	85.5			7.5	9.1	7.1	0.0
Low.	23.0	9.6	17.9	7.5	19.0	19.0	24.0			1.2	0.0	0.9	0.0

DECEMBER: 2021

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	21.6	24.0	19.8	20.6	16.3	16.2	25.0	26.2	29.7	27.0	27.4	29.6
2	20.0	21.6	18.8	19.6	15.6	16.0	22.6	24.2	28.0	25.5	26.4	27.8
3	15.6	27.2	14.4	21.8	11.6	16.3	19.2	22.0	25.8	32.5	29.6	28.0
4	20.0	28.8	18.6	21.0	15.2	13.9	22.8	24.2	27.5	32.2	29.8	28.0
5	20.6	28.8	19.0	21.4	15.5	14.5	23.8	25.6	27.8	33.2	29.8	28.8
6	22.0	30.0	16.0	19.6	10.0	10.7	22.5	24.4	28.0	34.0	30.8	28.7
7	20.6	30.6	16.4	22.0	11.5	14.5	23.0	24.5	28.4	34.1	31.0	29.0
8	25.0	28.6	18.2	20.0	11.5	12.3	24.6	25.6	28.6	33.3	30.6	29.6
9	20.0	29.4	16.2	19.8	11.5	11.5	22.2	24.4	28.2	34.5	31.4	29.4
10	18.6	30.0	16.0	21.0	12.1	13.1	22.4	24.6	28.8	34.0	31.2	29.6
11	21.4	29.6	18.4	20.8	14.1	13.0	24.4	25.2	29.4	33.4	32.6	30.7
12	21.4	30.0	17.6	21.0	12.8	13.1	23.5	24.6	28.8	34.6	32.6	30.2
13	21.4	20.4	17.8	30.4	13.1	2.7	22.2	24.5	28.8	33.8	32.5	30.0
14	20.2	27.2	14.2	16.8	8.5	8.1	21.6	23.4	28.2	32.2	29.8	28.7
15	18.6	26.8	13.4	16.6	8.4	8.0	20.4	22.8	27.2	32.6	29.7	28.2
16	20.2	26.6	12.0	14.8	5.6	5.5	20.0	22.2	26.6	32.4	29.2	28.6
17	20.2	26.2	10.2	16.0	3.4	7.5	19.9	21.6	26.0	31.5	28.2	26.8
18	15.2	26.4	12.0	18.2	8.6	10.7	19.0	20.5	25.6	32.0	29.4	27.0
19	17.2	28.2	13.0	19.0	8.7	10.9	18.6	21.4	25.6	32.5	30.0	27.6
20	18.2	27.4	13.2	17.0	8.4	8.3	19.4	21.2	25.8	32.5	29.6	27.2
21	20.2	29.4	14.8	16.2	9.3	5.8	19.2	20.8	25.4	33.0	29.7	27.0
22	15.4	28.6	12.6	17.6	9.3	8.4	18.5	20.8	25.4	33.2	30.4	27.5
23	18.6	28.0	15.2	18.2	10.9	9.7	20.2	21.8	25.8	33.4	30.2	27.6
24	17.0	27.2	16.0	21.0	13.0	14.9	20.8	23.0	26.7	32.0	29.2	27.4
25	21.2	27.8	18.6	20.4	14.5	13.5	21.8	23.2	26.8	32.6	30.0	27.8
26	21.6	27.4	19.0	20.0	14.9	13.0	22.6	23.5	26.4	32.2	29.7	27.2
27	19.2	27.4	17.0	20.0	13.2	13.0	21.8	23.8	27.2	32.2	29.7	27.2
28	20.0	25.8	18.0	20.0	14.3	13.9	22.8	24.9	27.6	32.0	29.8	28.6
29	18.2	25.8	16.2	18.8	12.6	12.0	21.4	23.2	27.2	31.8	30.0	28.0
30	20.0	25.0	16.2	17.0	11.5	9.7	20.2	22.2	26.4	31.9	29.7	27.0
31	16.6	27.0	14.2	19.4	10.7	12.2	20.2	22.4	26.4	32.2	30.0	27.6
Total	606	847	493	606	357	353	667	701	844	1004	930	876
Mean	19.5	27.3	15.9	19.5	11.5	11.4	21.5	23.4	27.2	32.4	30.0	28.3
S.D.	2.2	2.3	2.5	2.8	3.0	3.4	1.8	1.6	1.3	1.8	1.3	1.1
C.V.%	11.1	8.4	15.7	14.1	26.2	29.4	8.5	6.8	4.6	5.7	4.3	3.8
Highest	25.0	30.6	19.8	30.4	16.3	16.3	25.0	26.2	29.7	34.6	32.6	30.7
Lowest	15.2	20.4	10.2	14.8	3.4	2.7	18.5	20.5	25.4	25.5	26.4	26.8

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