

PART- I

District: Bengaluru
State : Karnataka

Lat : 13° 05' N
Long: 77° 34' E
Alt. : 924 m (amsl)

Month: January
Year : 2019

Date	Air Temperature °C						PET (mm)	Soil Temperature °C					
	Max.	Min.	Dry	Dry	Wet	Wet		5 Cm	5 Cm	10Cm	10Cm	15Cm	15Cm
	0700	1400	0700	1400	0700	1400	0700	0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT	IST	LMT	LMT	LMT	LMT	LMT	LMT
1	26.6	12.6	14.8	26.0	14.0	20.4	3.0	20.6	31.0	21.6	29.6	22.8	28.8
2	26.8	11.0	13.8	26.6	12.6	20.6	3.0	20.4	30.8	21.0	29.0	21.8	28.6
3	26.8	10.6	14.4	26.8	13.6	20.8	2.9	20.6	29.6	21.0	28.0	22.0	27.4
4	27.8	9.4	15.0	27.0	13.8	20.6	2.5	21.0	29.8	21.8	27.8	23.0	27.0
5	27.2	10.6	14.8	26.6	12.6	20.4	3.0	20.8	29.6	21.6	29.0	22.8	27.6
6	27.0	12.2	14.4	26.8	14.0	20.2	3.1	20.6	29.8	21.8	29.0	22.4	27.0
7	27.2	12.6	15.0	27.2	14.0	20.4	3.2	20.8	31.0	21.6	29.0	22.4	27.8
8	28.0	11.8	18.2	26.8	17.0	20.6	2.9	20.6	31.2	21.8	29.4	22.6	28.0
9	27.8	10.0	18.0	27.4	16.8	20.4	2.8	20.8	31.0	21.6	29.0	22.4	27.8
10	29.0	12.0	14.4	28.0	13.8	20.6	3.0	20.0	30.8	20.4	28.8	21.0	27.6
11	28.4	14.0	14.8	28.0	14.2	20.4	3.5	21.0	31.8	22.0	27.8	22.4	27.0
12	28.8	14.6	16.8	28.6	15.6	20.6	3.3	20.8	31.2	21.6	28.8	22.0	27.6
13	28.6	13.0	14.6	27.8	13.8	20.0	3.1	20.8	31.0	21.0	30.0	21.6	28.8
14	29.0	12.2	13.6	27.8	13.0	20.8	3.2	20.0	31.0	21.0	30.0	21.6	28.8
15	28.0	10.6	16.6	28.0	14.4	21.0	3.0	20.6	31.6	21.4	30.0	22.0	28.8
16	28.8	10.8	17.0	27.2	15.8	20.8	3.1	21.0	30.8	21.8	30.0	21.8	28.6
17	28.0	13.0	17.8	27.0	16.6	20.6	3.1	20.0	30.0	21.4	28.6	22.0	27.0
18	28.2	15.2	15.8	26.4	14.8	20.4	3.7	20.2	30.4	20.8	28.8	21.6	27.8
19	27.6	10.8	16.6	27.8	15.8	20.8	3.0	20.0	30.2	21.0	28.6	21.4	27.4
20	29.0	10.0	14.8	27.0	13.2	20.8	3.3	20.0	30.8	21.0	30.0	21.4	29.0
21	27.8	11.4	14.8	27.6	14.0	20.4	3.2	21.0	31.0	21.8	28.8	22.0	27.6
22	28.6	11.6	15.8	27.4	14.0	20.6	3.3	21.2	30.6	21.8	30.0	22.4	27.6
23	28.2	13.8	18.2	27.4	17.0	20.8	3.2	20.8	31.0	22.0	30.4	23.0	27.8
24	28.8	16.4	19.0	27.8	17.8	20.6	3.6	21.0	30.8	21.8	30.0	22.4	28.0
25	28.8	16.0	19.8	28.0	17.8	21.0	3.6	20.8	30.6	21.6	28.8	22.8	27.4
26	28.2	17.4	19.2	28.2	18.0	20.4	3.7	21.0	31.0	21.8	28.4	22.0	27.8
27	29.0	17.6	19.6	26.4	18.2	20.4	3.5	21.0	30.8	21.6	29.0	22.2	27.8
28	27.0	17.8	19.8	27.0	18.6	20.2	3.2	21.0	30.6	21.4	28.8	22.0	27.6
29	28.0	16.2	17.6	25.8	17.0	20.2	3.7	20.6	30.0	21.6	28.8	22.0	27.6
30	26.0	14.2	17.8	26.6	17.4	20.8	3.0	20.4	30.6	21.8	28.0	22.6	27.4
31	27.2	16.2	17.0	26.0	16.0	20.6	3.8	20.6	30.8	21.0	27.8	22.4	27.0
Mean	27.9	13.1	16.4	27.2	15.3	20.6	3.2	20.6	30.7	21.5	29.0	22.2	27.8
Weekly mean													
Std.Week No: (1 Jan. 1 - Jan. 7) No. of Days: 7													
Mean	27.1	11.3	14.6	26.7	13.5	20.5	3.0	20.7	30.2	21.5	28.8	22.5	27.7
Std.Week No: 2 (Jan. 8 - Jan.14) No. of Days: 7													
Mean	28.5	12.5	15.8	27.8	14.9	20.5	3.1	20.6	31.1	21.3	29.1	21.9	27.9
Std.Week No: 3 (Jan. 15 - Jan.21) No. of Days: 7													
Mean	28.2	11.7	16.2	27.3	14.9	20.7	3.2	20.4	30.7	21.3	29.3	21.7	28.0
Std.Week No: 4 (Jan.22 - Jan. 28) No. of Days: 7													
Mean	28.4	15.8	18.8	27.5	17.3	20.6	3.4	21.0	30.8	21.7	29.3	22.4	27.7

PART II

Time of Observation:

Month: January

I---> 0700 Hours LMT = 0720 IST

Year : 2019

II---> 1400 Hours LMT = 1420 IST

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount (Octas)		Rainfall (mm)	Pan Evap. (mm)	
	Vap. Pr. (mm) Hg.		Rel. Hum. %		Speed (Km/day)	Direction			0700	0700			1400
	0700	1400	0700	1400	0700	0700	1400						
	LMT	LMT	LMT	LMT	LMT	LMT	LMT							0830	0830
											IST	IST	
1	11.6	14.9	91	59	6.0	45	90	9.8	0	0	0	4.6	
2	10.3	14.9	87	57	7.4	45	90	9.6	0	0	0	4.0	
3	11.2	15.1	91	57	7.3	90	45	10.2	0	0	0	4.2	
4	11.2	14.7	87	55	5.7	45	90	4.9	0	0	0	4.0	
5	9.7	14.5	77	56	8.0	90	90	7.3	0	0	0	4.2	
6	11.8	14.1	96	53	7.5	45	90	9.3	0	0	0	4.4	
7	11.4	14.2	89	53	7.4	90	90	9.1	0	0	0	4.6	
8	13.9	14.8	88	56	3.8	90	90	9.0	0	0	0	3.8	
9	13.7	14.1	88	52	5.6	90	45	9.6	0	0	0	4.8	
10	11.5	14.1	94	50	5.3	45	45	6.9	4	0	0	4.0	
11	11.8	13.8	94	49	8.0	90	90	8.4	2	0	0	4.0	
12	12.6	13.8	88	47	3.8	90	90	9.4	0	0	0	4.4	
13	11.4	13.2	91	47	5.9	90	45	6.1	0	0	0	4.0	
14	10.9	14.5	93	52	5.6	90	45	7.9	6	0	0	4.2	
15	11.1	14.8	78	52	5.5	45	45	9.7	0	0	0	4.4	
16	12.8	14.9	88	55	5.4	90	90	10	0	0	0	4.6	
17	13.5	14.7	88	55	7.6	45	45	7.8	0	0	0	4.4	
18	12.1	14.7	90	57	8.0	45	45	9.9	4	0	0	4.2	
19	13.0	14.5	92	52	7.0	90	90	9.2	0	0	0	4.6	
20	10.5	15.0	83	56	8.0	140	90	10.2	0	0	0	4.6	
21	11.6	14.0	91	51	6.7	90	90	9.2	0	0	0	4.2	
22	11.0	14.4	82	53	6.4	90	90	9.8	0	0	0	4.8	
23	13.9	14.8	88	54	3.8	140	90	9.1	0	0	0	4.6	
24	14.6	14.2	89	51	5.1	90	90	9.2	0	0	0	4.8	
25	14.2	14.8	82	52	6.2	140	140	8.4	0	2	0	4.4	
26	14.8	13.7	89	48	6.5	140	140	8.4	2	2	0	4.2	
27	14.9	14.7	87	57	5.4	140	140	6.5	2	2	0	4.0	
28	15.4	14.0	89	52	5.2	140	140	5.0	4	3	0	4.0	
29	14.2	14.7	94	59	10	90	90	6.6	3	2	0	4.2	
30	14.7	15.2	96	58	9.2	90	90	6.4	3	2	0	4.0	
31	13.1	15.2	90	60	8.6	140	140	9.6	0	0	0	4.0	
Mean	12.5	14.5	89	54	6.5	..	..	8.5	1	0	0.0	4.3
Weekly mean													
Std.Week No: (1 Jan. 1 - Jan. 7) No. of Days: 7													
Mean	11.0	14.6	88	56	7.0	..	..	8.6	0	0	0.0	4.3
Std.Week No: 2 (Jan. 8 - Jan.14) No. of Days: 7													
Mean	12.3	14.0	91	50	5.4	..	..	8.2	2	0	0.0	4.2
Std.Week No: 3 (Jan.15 - Jan.21) No. of Days: 7													
Mean	12.1	14.6	87	54	6.9	..	..	9.4	1	0	0.0	4.4
Std.Week No: 4 (Jan.22 - Jan.28) No. of Days: 7													
Mean	14.1	14.4	87	52	5.5	..	..	8.1	1	1	0.0	4.4

PART- I

District: Bengaluru

Month: February

State : Karnataka

Lat : 13° 05' N

Long: 77° 34' E

Year : 2019

Alt.: 924 m (amsl)

Date	Air Temperature °C						PET (mm)	Soil Temperature °C					
	Max.	Min.	Dry	Dry	Wet	Wet		5 Cm	5 Cm	10Cm	10Cm	15Cm	15Cm
	0700	1400	0700	1400	0700	1400		0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT	IST	LMT	LMT	LMT	LMT	LMT	LMT
1	26.6	14.4	16.6	26.4	15.8	20.8	3.3	20.8	31.6	21.0	30.0	21.8	28.0
2	27.0	14.8	17.8	27.0	16.6	20.6	3.4	20.6	31.4	21.6	30.8	22.0	28.6
3	27.8	15.6	18.6	27.8	17.4	20.2	3.3	20.8	31.0	21.4	28.0	22.2	27.6
4	28.2	15.4	17.2	28.0	16.8	21.0	3.3	21.8	30.8	22.8	28.0	23.6	27.4
5	29.0	17.6	19.0	28.0	18.0	20.4	3.8	21.0	31.6	22.0	28.8	23.4	27.4
6	29.0	16.6	19.2	28.8	18.0	21.0	3.5	21.0	31.8	22.0	30.0	22.8	28.0
7	30.0	16.4	19.4	28.0	18.2	20.8	3.5	21.4	32.8	22.0	31.0	23.0	28.8
8	30.0	18.2	21.0	28.8	19.8	21.0	3.7	21.4	32.4	22.2	30.8	23.6	29.6
9	31.8	19.0	21.4	29.0	20.0	20.6	3.6	21.6	31.8	22.4	30.0	23.0	28.8
10	31.2	18.8	21.6	27.8	20.2	20.8	3.6	20.8	30.0	21.6	28.6	22.0	27.0
11	29.0	19.4	19.6	27.0	19.0	20.2	3.5	20.0	28.8	21.0	27.0	21.8	26.8
12	27.2	16.0	17.8	26.8	16.6	20.4	3.4	20.2	27.8	20.8	27.0	21.4	26.6
13	27.8	15.6	17.0	28.0	16.0	20.8	3.8	20.8	29.8	21.0	28.8	21.8	27.6
14	29.0	16.6	20.0	28.8	18.8	21.0	4.0	21.0	32.0	22.0	30.0	23.0	28.6
15	30.2	17.8	21.0	29.0	19.8	21.2	4.1	21.6	31.0	22.8	29.0	23.4	28.8
16	31.0	18.0	21.2	29.2	19.8	21.2	3.8	21.4	33.0	22.0	31.8	22.8	30.0
17	31.8	19.6	21.0	29.8	19.6	21.4	3.9	21.8	33.8	22.4	31.8	23.0	29.8
18	32.4	16.8	21.4	29.0	19.8	21.0	3.8	22.0	31.6	22.4	29.8	23.8	29.0
19	32.6	19.2	21.2	29.2	19.6	21.2	4.3	21.4	31.0	22.2	30.0	23.0	29.4
20	32.0	19.5	22.0	29.0	19.0	21.0	4.3	22.4	31.2	24.0	29.8	25.2	29.4
21	32.6	20.0	21.6	29.2	19.8	21.4	4.5	23.0	32.0	23.6	30.8	24.4	30.0
22	31.6	16.4	21.8	29.0	20.2	21.2	4.2	23.6	33.0	24.8	31.0	25.6	29.6
23	31.8	15.0	18.8	30.8	17.0	21.0	4.2	22.4	34.6	23.4	33.0	23.8	29.8
24	32.8	15.0	20.8	31.8	17.6	21.2	4.4	23.0	33.8	24.8	31.8	25.0	30.0
25	33.0	14.8	22.2	32.6	21.0	21.2	4.2	23.4	37.4	24.8	34.8	25.0	33.0
26	34.0	17.8	20.8	32.0	18.8	21.8	4.3	22.8	37.6	24.0	35.0	25.2	33.0
27	34.0	19.4	21.6	31.4	20.2	21.2	4.6	23.0	36.6	24.6	34.4	25.6	32.8
28	33.2	19.2	20.8	31.8	18.8	21.0	4.1	22.6	34.0	23.6	33.0	25.0	32.2
Mean	30.6	17.2	20.1	29.1	18.7	21.0	3.9	21.7	32.3	22.6	30.5	23.4	29.2
Std.Week No: 6 (Feb 5 - Feb 11) No. of Days: 7													
Mean	30.0	18.0	20.2	28.2	19.0	20.7	3.6	21.0	31.3	21.9	29.5	22.8	28.1
Std.Week No:7 (Feb12 - Feb 18) No. of Days: 7													
Mean	29.9	17.2	19.9	28.7	18.6	21.0	3.8	21.3	31.3	21.9	29.7	22.7	28.6
Std.Week No: 8 (Feb 19 - Feb 25) No. of Days: 7													
Mean	32.3	17.1	21.2	30.2	19.2	21.2	4.3	22.7	33.3	23.9	31.6	24.6	30.2

PART II

Time of Observation:

I--> 0700 Hours LMT = 0720 IST

II--> 1400 Hours LMT = 1420 IST

Month : February

Year : 2019

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount (Octas)		Rainfall (mm)	Pan Evap. (mm)	
	Vap. Pr. (mm) Hg.		Rel. Hum. %		Speed (Km/day)	Direction			0700	1400			0830
	0700	1400	0700	1400	0700	0700	1400						
	LMT	LMT	LMT	LMT	LMT	LMT	LMT						
1	13.0	15.3	92	59	9.3	90	90	9.7	0	0	0.0	4.4	
2	13.5	14.7	88	55	9.7	90	90	9.0	0	0	0.0	4.8	
3	14.2	13.5	89	48	5.0	90	90	9.3	0	0	0.0	4.6	
4	14.1	14.8	96	52	4.8	90	90	9.9	0	0	0.0	4.2	
5	14.9	13.8	91	49	7.1	90	90	10.1	0	0	0.0	4.4	
6	14.8	14.3	89	48	7.9	90	90	6.9	0	0	0.0	4.6	
7	15.0	14.4	89	51	3.8	140	140	10.0	0	2	0.0	4.6	
8	16.7	14.3	89	48	9.5	140	140	5.8	0	2	0.0	4.8	
9	16.8	13.5	88	45	3.5	140	140	8.2	2	2	0.0	5.0	
10	17.0	14.5	88	52	6.8	140	90	5.5	2	3	11.2	3.8	
11	16.1	14.0	94	52	6.6	90	90	5.5	2	3	12.8	4.0	
12	13.5	14.4	88	55	8.7	140	140	7.9	2	2	0.0	4.2	
13	13.1	14.4	90	51	10.5	90	90	9.9	3	2	0.0	4.0	
14	15.6	14.3	89	48	11.5	140	140	10.6	0	0	0.0	5.4	
15	16.7	14.6	89	48	9.3	140	140	10.6	0	0	0.0	6.0	
16	16.5	14.4	88	48	5.0	140	90	9.8	0	0	0.0	5.8	
17	16.3	14.5	88	46	3.8	90	90	9.7	0	0	0.0	6.0	
18	16.4	14.2	86	47	4.4	90	90	10.2	0	0	0.0	6.2	
19	16.2	14.4	86	48	6.7	90	90	10.0	0	0	0.0	6.0	
20	14.8	14.2	75	47	6.9	90	140	9.2	0	0	0.0	6.6	
21	16.3	14.8	84	49	7.6	90	90	10.0	0	0	0.0	6.0	
22	16.9	14.6	86	48	10.3	90	90	10.2	0	0	0.0	6.2	
23	13.5	13.2	83	40	8.2	90	45	10.9	0	0	0.0	5.8	
24	13.3	13.0	72	37	8.7	45	45	10.9	0	0	0.0	6.4	
25	18.0	12.6	90	34	8.4	45	45	10.9	0	0	0.0	6.6	
26	15.2	13.9	82	39	5.0	225	225	11.0	0	0	0.0	6.8	
27	17.0	13.2	88	38	6.3	225	140	10.5	0	0	0.0	7.0	
28	15.2	12.7	82	36	3.9	140	140	9.9	0	0	0.0	6.4	
Mean	15.4	14.1	87	47	7.1	..	..	9.4	0	1	24.0	5.4
Std.Week No: 6 (Feb 5 - Feb 11) No. of Days: 7													
Mean	15.9	14.1	89.6	49.3	6.5			7.4	0.9	1.7	24.0	4.5	
Std.Week No:7 (Feb12 - Feb 18) No. of Days: 7													
Mean	15.5	14.4	88.3	49.0	7.6			9.8	0.7	0.6	0.0	5.4	
Std.Week No: 8 (Feb 19 - Feb 25) No. of Days: 7													
Mean	15.6	13.8	82.3	43.2	8.1			10.3	0.0	0.0	0.0	6.2	

District : Bengaluru
State : Karnataka

PART- I
Lat : 13° 05' N
Long : 77° 34' E
Alt. : 924 m (amsl)

Month : March
Year: 2019

Date	Air Temperature °C						PET(mm)	Soil Temperature °C					
	Max.	Min.	Dry	Dry	Wet	Wet		5 cm	5cm	10cm	10cm	15cm	15cm
	0700	1400	0700	1400	0700	1400		0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT		IST	LMT	LMT	LMT	LMT	LMT
1	33.0	18.2	21.6	30.6	20.2	21.6	3.7	22.4	36.8	23.8	34.8	25.0	33.0
2	32.6	21.2	22.0	30.8	20.8	21.0	4.5	23.8	37.0	24.8	34.6	25.6	33.8
3	32.6	19.6	20.8	30.2	19.0	20.4	4.4	23.0	37.8	23.8	35.6	25.2	33.8
4	31.8	19.6	21.0	31.6	20.0	21.2	3.9	23.4	37.8	24.6	36.0	25.8	34.6
5	33.0	20.4	21.8	32.0	20.4	21.4	4.1	24.0	38.0	25.8	35.8	26.4	35.0
6	34.0	20.8	22.0	32.8	20.6	21.8	3.9	24.2	38.8	25.8	36.0	27.0	35.2
7	34.8	16.8	23.0	33.8	20.8	21.6	3.8	24.8	38.6	25.8	36.6	27.0	31.8
8	35.8	18.4	23.0	34.0	20.6	22.0	4.0	25.2	39.0	26.6	36.8	27.8	35.0
9	35.0	20.0	23.6	31.0	21.8	21.6	4.1	24.2	39.2	25.8	37.0	26.6	36.6
10	32.2	21.0	23.2	31.8	21.0	21.8	4.2	24.2	39.8	25.6	37.8	26.0	36.4
11	33.6	21.2	23.8	31.6	21.2	21.6	4.4	25.0	39.0	26.0	37.0	27.4	35.8
12	33.0	20.6	23.0	31.2	20.8	21.2	4.5	26.0	38.8	26.8	37.6	27.8	36.6
13	32.8	18.8	23.0	33.0	20.0	21.6	4.4	26.0	38.8	26.6	37.0	27.4	37.0
14	33.0	20.6	23.4	31.8	20.8	21.2	4.6	25.8	39.0	26.4	36.8	26.8	36.0
15	33.2	20.4	23.6	31.4	20.8	21.2	4.8	25.4	38.8	26.0	37.0	26.6	36.0
16	33.0	18.6	23.4	31.8	20.8	21.0	4.5	25.6	39.0	26.6	37.0	27.4	36.6
17	32.6	20.0	23.6	31.8	20.8	21.0	4.5	25.6	39.0	27.0	37.0	27.8	36.6
18	33.2	20.2	23.4	31.8	20.8	21.0	4.2	25.8	39.6	26.6	38.8	27.4	37.0
19	33.6	19.8	22.8	32.0	20.4	21.2	4.4	25.6	39.2	26.8	38.2	27.6	37.4
20	33.8	20.8	23.6	31.6	20.8	20.6	4.6	25.4	38.8	26.6	37.6	27.8	36.8
21	33.2	20.2	23.4	31.8	20.8	21.2	4.5	27.8	39.8	26.0	38.8	27.0	37.0
22	34.0	20.0	23.0	32.4	20.8	21.6	4.4	24.8	39.6	26.2	38.4	27.4	37.0
23	34.2	20.8	23.4	32.2	21.0	21.8	4.3	24.6	39.4	26.0	37.0	27.0	36.4
24	34.6	20.4	23.4	32.0	20.4	21.6	4.3	24.4	38.8	25.8	37.0	27.0	36.0
25	34.4	20.6	23.2	32.2	20.4	21.8	4.8	24.6	38.6	26.6	37.6	27.8	36.6
26	34.8	20.6	23.8	32.4	21.0	21.2	4.9	24.8	38.6	25.6	37.4	27.0	36.0
27	34.4	20.0	23.4	33.4	20.8	21.6	4.8	24.4	39.0	26.0	37.8	26.8	36.4
28	35.0	20.8	24.0	33.0	21.8	22.0	4.5	24.6	39.0	26.6	37.6	27.4	36.6
29	35.2	20.8	23.4	32.8	20.8	21.0	4.9	24.8	38.8	26.8	37.4	27.6	36.6
30	34.6	20.8	23.2	32.4	21.0	21.4	4.7	24.4	38.4	26.6	37.8	27.8	36.8
31	35.0	20.6	23.4	33.0	20.8	21.6	4.6	23.8	38.4	24.8	36.8	27.0	34.8
Mean	33.7	20.1	23.0	32.1	20.7	21.4	4.4	24.8	38.7	26.0	37.1	27.0	35.8
Weekly mean													
Std.Week No:10 (Mar 5 - Mar 11) No. of Days: 7													
Mean	34.1	19.8	22.9	32.4	20.9	21.7	4.1	24.5	38.9	25.9	36.7	26.9	35.1
Std.Week No:11 (Mar 12 - Mar 18) No. of Days: 7													
Mean	33.0	19.9	23.3	31.8	20.7	21.2	4.5	25.7	39.0	26.6	37.3	27.3	36.5
Std.Week No:12 (Mar 19 - Mar 25) No. of Days: 7													
Mean	34.0	20.4	23.3	32.0	20.7	21.4	4.5	25.3	39.2	26.3	37.8	27.4	36.7
Std.Week No:13 (Mar 26 - Apr 1) No. of Days: 7													
Mean	34.8	20.6	23.5	32.8	21.0	21.5	4.7	24.5	38.7	26.1	37.5	27.3	36.2

PART II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month : March

Year: 2019

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount (Octas)		Rainfall (mm)	Pan Evap. (mm)	
	Vap. Pr. (mm) Hg.		Rel. Hum. %		Speed (Km/hr)	Direction			0700	0700			1400
	0700	1400	0700	1400	0700	0700	1400						
	LMT	LMT	LMT	LMT	LMT	LMT	LMT						
1	17.0	14.4	88	44	2.9	140	140	9.8	2.0	0.0	0.0	6.2	
2	17.8	13.2	90	40	8.5	140	45	9.7	0.0	2.0	0.0	6.6	
3	15.5	12.6	84	39	8.6	45	45	8.3	0.0	0.0	0.0	6.2	
4	17.0	13.1	91	38	5.3	45	320	8.3	0.0	0.0	0.0	6.0	
5	17.2	13.2	88	37	5.5	270	270	8.7	0.0	0.0	0.0	6.6	
6	17.4	13.5	88	36	3.6	320	140	8.0	0.0	0.0	0.0	6.4	
7	17.2	12.6	82	32	3.7	90	270	9.9	0.0	0.0	0.0	6.4	
8	16.9	13.2	80	33	3.5	45	270	10.0	0.0	2.0	0.0	6.6	
9	18.6	14.1	85	42	3.6	270	230	9.4	4.0	2.0	0.0	6.8	
10	17.4	14.0	82	40	7.6	230	230	7.8	0.0	0.0	0.0	6.6	
11	17.4	13.8	79	40	7.5	230	230	8.1	0.0	0.0	0.0	7.2	
12	17.2	13.3	82	39	8.9	230	230	9.1	0.0	0.0	0.0	7.8	
13	15.9	13.0	75	35	8.5	230	230	9.2	0.0	0.0	0.0	8.2	
14	17.0	13.0	79	37	9.2	230	230	9.4	0.0	0.0	0.0	8.6	
15	16.9	13.2	77	38	10.6	90	90	9.7	0.0	0.0	0.0	9.0	
16	17.0	12.7	79	36	9.1	45	230	9.7	0.0	0.0	0.0	9.4	
17	16.9	12.7	77	36	8.1	230	230	9.9	0.0	0.0	0.0	9.4	
18	17.0	12.7	79	36	5.3	270	230	9.9	0.0	0.0	0.0	9.6	
19	16.6	12.9	80	36	7.0	270	230	9.6	0.0	0.0	0.0	8.8	
20	16.9	12.1	77	35	7.9	230	230	9.0	0.0	0.0	0.0	9.4	
21	17.0	13.0	79	37	7.7	230	230	8.8	0.0	0.0	0.0	9.0	
22	17.2	13.4	82	37	6.3	230	230	8.7	0.0	0.0	0.0	8.8	
23	17.3	13.8	80	38	5.1	230	230	8.7	0.0	0.0	0.0	9.0	
24	16.3	13.6	76	38	5.0	230	230	8.8	0.0	0.0	0.0	8.8	
25	16.4	13.8	77	38	7.6	230	230	9.7	0.0	0.0	0.0	9.2	
26	17.1	12.7	77	35	8.6	230	230	9.6	0.0	0.0	0.0	9.2	
27	17.0	12.8	79	33	8.6	230	230	9.2	0.0	0.0	0.0	8.8	
28	18.4	13.7	82	36	5.2	230	230	9.2	0.0	0.0	0.0	9.0	
29	17.0	12.1	79	32	7.7	230	230	9.3	0.0	0.0	0.0	9.2	
30	17.4	13.0	82	36	6.8	270	230	8.4	0.0	0.0	0.0	8.8	
31	17.0	13.0	79	35	5.3	230	230	9.0	0.0	0.0	0.0	8.4	
Mean	17.1	19.5	81	37	6.7	..	..	9.1	0	0	0.0	8.1
Weekly mean													
Std.Week No:10 (Mar 5 - Mar 11) No. of Days: 7													
Mean	17.5	13.5	83	37	5.0	...	...	8.8	0.6	0.6	0.0	6.7
Std.Week No:11 (Mar 12 - Mar 18) No. of Days: 7													
Mean	16.8	12.9	78	37	8.5	...	...	9.6	0.0	0.0	0.0	8.9
Std.Week No:12 (Mar 19 - Mar 25) No. of Days: 7													
Mean	16.8	13.2	79	37	6.7	...	...	9.0	0.0	0.0	0.0	9.0
Std.Week No:13 (Mar 26 - Apr 1) No. of Days: 7													
Mean	17.3	12.9	80	35	7.0	...	..	9.1	0.0	0.0	0.0	8.9

Note: Rainfall is in total

PART- I

District : Bengaluru
State : Karnataka

Lat : 13° 05' N
Long : 77° 34' E
Alt. : 924 m (amsl)

Month: April
Year : 2019

Date	Air Temperature °C						PET(mm)	Soil Temperature °C					
	Max.	Min.	Dry	Dry	Wet	Wet		5 cm	5cm	10cm	10cm	15cm	15cm
	0700	1400	0700	1400	0700	1400		0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT	IST	LMT	LMT	LMT	LMT	LMT	LMT
1	34.4	21.0	23.4	32.4	21.0	21.8	4.1	23.6	38.4	24.8	37.0	25.6	34.8
2	34.8	20.2	23.6	33.0	21.2	21.8	4.0	24.0	39.0	24.8	37.0	26.6	36.6
3	34.8	21.0	23.8	33.2	21.6	21.8	4.0	24.8	39.4	26.0	37.8	27.4	36.8
4	35.0	21.0	24.0	33.0	20.8	21.4	4.7	25.0	39.0	26.6	37.0	27.6	36.8
5	34.8	20.8	23.4	32.8	21.0	21.6	4.6	24.6	39.0	26.0	37.6	26.6	36.6
6	34.8	21.2	23.6	33.2	21.0	21.4	4.3	24.4	39.0	26.6	37.8	27.0	37.0
7	35.0	21.0	24.0	33.4	21.2	21.8	4.4	24.8	39.0	27.0	37.4	27.8	36.6
8	35.2	21.4	24.2	31.8	21.2	21.6	4.3	24.9	38.6	26.0	37.0	27.2	36.4
9	34.6	20.8	24.0	32.0	20.6	21.8	4.3	24.0	39.0	25.6	37.6	26.8	36.8
10	34.8	20.8	23.8	33.8	21.0	22.0	4.2	23.6	38.6	24.0	37.8	25.8	36.6
11	35.2	21.0	24.0	33.0	21.2	21.8	4.2	23.8	38.8	24.0	36.6	25.4	36.0
12	35.0	20.6	24.2	34.2	21.4	22.0	4.1	24.0	39.0	24.6	37.0	26.6	37.0
13	36.0	21.0	24.4	33.4	21.0	21.6	4.4	24.6	39.4	26.0	37.6	26.6	36.6
14	35.0	21.2	24.2	34.0	21.2	21.8	4.6	24.0	39.0	26.6	37.0	27.0	36.8
15	35.2	20.4	24.2	33.4	20.8	21.6	4.5	24.0	39.4	25.6	38.4	26.6	37.0
16	35.0	20.6	24.4	33.0	21.0	21.2	4.5	24.4	38.8	26.0	38.6	27.0	38.0
17	34.8	21.4	25.0	33.8	21.6	21.6	4.6	24.0	39.0	24.8	38.0	26.0	37.6
18	35.6	20.4	24.0	32.0	21.2	21.4	4.3	23.0	37.0	24.0	36.2	25.0	34.0
19	34.8	20.2	23.4	31.8	20.8	21.0	4.7	22.0	37.4	23.4	36.0	24.8	34.6
20	33.0	20.2	22.8	31.6	20.4	21.4	4.2	24.6	35.6	24.8	33.0	25.0	31.8
21	32.8	20.4	23.0	31.8	20.4	21.6	4.4	24.0	37.4	25.2	36.6	26.6	34.8
22	33.0	20.0	23.4	33.2	20.8	21.8	3.9	24.6	38.8	25.8	37.0	27.0	36.8
23	35.0	20.4	23.8	32.4	21.0	21.6	4.7	24.4	39.0	26.0	37.0	27.2	36.2
24	34.0	20.6	24.0	31.8	21.0	21.4	4.2	24.0	38.8	26.4	37.4	27.4	36.8
25	34.0	20.4	24.0	32.6	21.6	21.8	4.5	25.2	39.4	26.6	37.6	27.6	36.8
26	35.0	20.2	24.0	34.0	21.0	21.8	4.6	25.4	40.0	26.6	38.6	27.0	37.0
27	36.6	21.4	24.0	34.0	21.0	22.0	4.4	26.4	40.6	27.4	38.0	28.0	36.8
28	36.4	21.4	24.2	31.8	21.2	21.4	4.6	25.8	39.8	26.6	37.4	27.0	36.8
29	32.6	20.8	23.8	32.0	20.8	21.2	4.2	25.6	39.0	27.0	37.6	28.0	35.6
30	34.8	20.6	24.0	33.0	21.0	21.2	4.6	25.4	37.6	26.6	36.0	27.2	35.8
Mean	34.7	20.7	23.9	32.8	21.0	21.6	4.4	24.4	38.8	25.7	37.2	26.7	36.3
Weekly mean													
Std.Week No:14 (April 2 - April 8) No. of Days: 7													
Mean	34.9	20.9	23.8	32.9	21.1	21.6	4.3	24.6	39.0	26.1	37.4	27.2	36.7
Std.Week No:15 (April 9 - April 15) No. of Days: 7													
Mean	35.1	20.8	24.1	33.4	21.0	21.8	4.3	24.0	39.0	25.2	37.4	26.4	36.7
Std.Week No:16 (April 16 - April 22) No. of Days: 7													
Mean	34.1	20.5	23.7	32.5	20.9	21.4	4.4	23.8	37.7	24.9	36.5	25.9	35.4
Std.Week No:17 (April 23 - April 29) No. of Days: 7													
Mean	34.8	20.7	24.0	32.7	21.1	21.6	4.5	25.3	39.5	26.7	37.7	27.5	36.6
Std.Week No:18 (April 30 - May 6) No. of Days: 7													
Mean	32.7	20.9	22.5	31.0	20.6	20.9	4.3	21.7	38.6	22.5	37.2	23.3	35.7

PART II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month: April

Year : 2019

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount (Octas)		Rainfall (mm)	Pan Evap. (mm)
	Vap. Pr. (mm) Hg.		Rel. Hum. %		Speed (Km/day)	Direction			0700	1400			0830	0830
	0700	1400	0700	1400	0700	0700	1400	LMT			LMT	IST			IST
	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	IST	IST
1	17.3	13.7	80	38	4.6	225	225	8.6	0	0	0	8.8
2	17.6	13.4	80	35	4.2	225	225	8.9	0	0	0	8.6
3	18.1	13.3	82	35	4.2	225	225	7.7	0	0	0	8.8
4	16.7	12.7	74	34	8.4	225	225	9.5	0	0	0	9.2
5	17.3	13.1	80	35	8.2	270	225	9.2	0	0	0	8.8
6	17.2	12.6	79	33	5.6	45	225	9.2	0	0	0	8.8
7	17.3	13.2	77	34	5.8	45	225	9.0	0	0	0	9.2
8	17.2	13.7	76	39	5.3	225	225	8.2	0	0	0	9.0
9	16.3	13.9	73	39	5.6	45	140	8.5	0	0	0	8.6
10	17.1	13.3	77	34	5.4	140	140	8.2	0	0	1.8	6.8
11	17.3	13.4	77	35	4.1	140	230	9.1	0	0	0	7.8
12	17.6	13.1	78	32	4.6	270	140	8.4	0	0	0	8.4
13	16.8	12.8	73	33	5.2	140	140	9.1	0	0	0	8.8
14	17.2	12.8	76	32	7.0	140	140	9.6	0	0	0	8.0
15	16.5	12.8	73	33	6.9	180	140	9.3	0	0	0	8.6
16	16.8	12.3	73	33	6.2	140	225	9.6	0	0	0	9.2
17	17.5	12.6	74	32	6.1	225	225	10.5	0	0	0	8.0
18	17.3	13.2	77	37	4.7	225	225	8.6	0	0	4.2	6.8
19	17.0	12.7	79	36	7.5	225	225	9.7	0	0	16.6	6.0
20	16.6	13.5	80	39	4.6	225	140	10.4	0	4	0	7.2
21	16.5	13.7	78	39	7.7	225	225	7.9	4	2	0	4.8
22	17.0	13.3	79	35	4.1	225	140	6.9	0	0	0	6.0
23	17.1	13.4	77	37	8.0	90	225	8.4	0	2	0	6.2
24	17.0	13.3	76	38	5.1	225	140	7.9	2	0	0	6.0
25	18.0	13.6	81	37	5.9	90	140	10.2	0	0	0	7.6
26	17.0	12.8	76	32	5.4	140	225	10.4	2	0	0	8.2
27	17.0	13.2	76	33	4.2	225	140	8.0	0	0	0	9.2
28	17.2	13.3	76	38	5.4	90	140	8.1	0	4	0	9.0
29	16.8	12.9	76	36	4.7	90	225	1.9	0	2	0	8.2
30	17.0	12.3	76	33	5.5	225	225	6.6	0	2	0	8.4
Mean	17.1	13.1	77	35	5.7	..	..	8.6	0	1	22.6	7.9
Weekly mean												
Std.Week No:14 (April 2 - April 8) No. of Days: 7												
Mean	17.3	13.1	78	35	6.0	..	..	8.8	0.0	0.0	0.0	9.0
Std.Week No:15 (April 9 - April 15) No. of Days: 7												
Mean	17.0	13.2	75	34	5.5	..	..	8.8	0	0	1.8	8.1
Std.Week No:16 (April 16 - April 22) No. of Days: 7												
Mean	17.0	13.0	77	36	5.8	..	..	9.1	1	1	20.8	6.9
Std.Week No:17 (April 23 - April 29) No. of Days: 7												
Mean	17.2	13.2	77	36	5.5	..	..	7.8	1	1	0.0	7.8
Std.Week No:18 (April 30 - May 6) No. of Days: 7												
Mean	16.5	13.0	82	31	5.0	..	..	8.2	3	1	25.8	4.4

Note: Rainfall is in total

PART-I

District: Bengaluru
State : Karnataka

Lat : 13° 05' N
Long: 77° 34' E
Alt. : 924 m (amsl)

Month: May
Year : 2019

Date	Air Temperature °C						PET (mm)	Soil Temperature °C					
	Max.	Min.	Dry	Dry	Wet	Wet		5 Cm	5 Cm	10Cm	10Cm	15Cm	15Cm
	0700	700	0700	1400	0700	1400	0700	0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT	IST	LMT	LMT	LMT	LMT	LMT	LMT
1	34.2	19.0	22.4	33.2	20.8	21.0	4.2	23.0	37.8	23.4	36.6	23.8	36.0
2	34.2	19.6	23.2	31.8	20.8	21.6	4.3	23.6	37.4	24.4	36.8	25.0	36.2
3	33.0	19.8	22.8	32.0	20.8	21.4	4.2	23.8	37.6	24.4	35.0	25.0	34.8
4	33.2	20.0	22.8	33.2	20.8	21.2	4.4	23.0	38.0	23.8	37.0	24.8	36.2
5	34.8	20.8	23.2	33.0	20.6	21.2	4.3	23.2	38.6	24.6	36.6	26.0	34.0
6	35.0	20.6	23.8	33.4	20.8	21.6	4.2	23.6	38.0	24.4	36.4	25.6	36.0
7	35.4	20.6	24.2	31.0	21.0	21.2	4.5	23.0	37.0	23.8	36.0	25.0	35.2
8	33.8	20.8	23.0	31.6	20.8	21.0	4.1	22.0	35.8	23.4	34.0	24.0	33.0
9	32.8	20.2	22.8	32	20.6	21.8	4.2	22.2	36.8	23.0	36.0	23.8	35.4
10	34.0	21.2	23.8	33.0	21.4	21.6	4.2	23.6	38.8	24.4	37.8	25.0	36.0
11	35.0	21.0	24.0	34.0	21.2	21.8	4.2	23.8	38.2	24.8	37.4	25.6	37.0
12	35.2	21.2	24.0	33.0	21.4	22.0	4.2	23.2	39.0	24.0	37.0	24.6	36.0
13	34.2	20.4	24.2	31.8	21.6	21.0	3.9	23.8	37.8	24.6	36.0	24.8	35.6
14	33.6	20.6	23.4	32.4	20.8	21.2	4.3	23.0	38.8	23.8	36.6	24.0	36.0
15	34.2	21.6	24.0	32.4	21.8	21.8	4.8	24.6	38.0	25.6	36.6	27.0	32.4
16	34.0	19.0	23.8	31.8	21.6	21.6	3.9	23.0	38.6	23.8	37.0	24.0	36.2
17	33.6	20.6	23.8	30.0	21.0	21.2	3.8	23.4	35.0	24.0	34.0	25.0	33.8
18	31.6	18.6	23.0	31.8	21.0	21.6	3.5	22.4	36.0	23.2	34.8	24.0	33.0
19	33.0	20.6	22.5	32.0	21.0	21.8	3.7	22.8	37.8	23.8	36.6	24.0	36.0
20	34.0	21.6	24.0	31.8	21.6	21.4	4.1	22.8	37.4	23.8	36.8	24.2	34.8
21	33.0	19.8	23.6	31.2	21.0	21.6	3.7	22.4	36.8	23.8	36.6	24.0	36.0
22	32.4	20.0	23.8	32.4	21.2	21.4	3.9	23.6	37.4	24.4	36.6	25.0	36.2
23	34.2	20.6	23.6	30.6	21.2	21.6	4.1	22.8	36.8	23.6	35.0	24.8	34.8
24	31.8	20.4	23.4	32.2	21.0	21.0	3.8	23.0	37.6	23.6	36.0	24.6	35.4
25	33.6	20.4	23.8	31.6	21.2	21.0	4.1	23.8	36.8	24.4	36.0	25.0	35.8
26	32.6	18.4	23.0	32.6	20.8	21.2	4.4	23.4	38.0	24.0	37.4	25.2	36.8
27	34.0	18.6	23.0	32.0	21.2	21.4	4.8	23.0	37.8	23.8	36.0	24.8	35.8
28	33.8	21.6	24.0	31.8	21.6	21.6	4.5	23.8	38.0	24.4	36.4	25.0	36.0
29	33.6	20.8	23.8	32.2	21.4	21.8	4.5	24.0	38.8	24.4	37.0	25.2	36.6
30	34.0	21.0	24.2	31.8	21.6	21.8	4.6	23.8	39.0	24.0	37.8	25.4	36.0
31	33.0	20.0	24.0	31.6	21.4	21.6	4.3	24.6	39.0	25.8	37.6	26.0	37.0
Mean	33.7	20.3	23.5	32.1	21.1	21.5	4.2	23.3	37.7	24.1	36.4	24.8	35.5
Weekly mean													
Std.Week No:19 (May 7- May 13) No. of Days: 7													
Mean	34.3	20.1	23.2	32.5	20.8	21.3	4.3	23.3	37.8	24.1	36.3	25.0	35.5
Std.Week No:20 (May 14 - May 20) No. of Days: 7													
Mean	34.1	20.8	23.6	32.5	21.1	21.5	4.2	23.1	37.9	24.0	36.4	24.5	35.6
Std.Week No: 21 (May21 - May 27) No. of Days: 7													
Mean	33.3	20.3	23.5	31.6	21.3	21.6	3.9	23.1	37.1	24.0	36.1	24.6	34.6
Std.Week No:22 (May 28 - June 3) No. of Days: 7													
Mean	33.2	20.0	23.5	31.9	21.2	21.3	4.2	23.3	37.5	24.0	36.2	24.9	35.8

PART II

Time of Observation:
I--> 0700 Hours LMT = 0720 IST
II--> 1400 Hours LMT = 1420 IST

Month: May
Year : 2019

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount (Octas)		Rainfall (mm)	Pan Evap. (mm)
	Vap. Pr. (mm) Hg.		Rel. Hum. %		Speed (Km/day)	Direction			0700	0700	1400	0830	0830
	0700	1400	0700	1400	0700	0700	1400	LMT		LMT	LMT	IST	IST
	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	IST	IST
1	17.5	11.9	86	31	8.7	230	230	5.6	6	2	18.4	5.2
2	17.1	13.7	80	39	9.3	230	230	5.8	0	0	0	6.6
3	17.3	13.2	83	37	8.7	230	230	7.0	0	0	0	6.8
4	17.3	12.2	83	32	7.6	230	230	9.8	0	0	0	7.4
5	16.8	12.3	79	33	5.1	230	230	9.9	0	0	0	8.0
6	16.8	12.8	76	33	5.2	230	230	8.2	0	0	0	8.4
7	16.9	13.4	75	40	6.8	230	230	8.9	3	2	0	7.0
8	17.2	12.8	82	37	8.7	230	230	2.7	3	2	7.8	6.6
9	17.0	13.9	82	39	7.5	230	230	7.3	3	2	0	6.8
10	17.8	13.0	80	35	5.5	45	230	8.0	0	0	0	7.6
11	17.3	12.8	77	32	4.7	230	230	8.7	0	0	0	7.8
12	17.7	13.7	79	36	5.3	230	230	7.7	0	0	0.4	6.4
13	17.9	12.7	79	36	4.9	230	230	6.0	0	2	0	7.0
14	17.0	12.7	79	35	7.0	270	230	7.8	3	2	0.2	6.0
15	18.4	13.7	82	38	8.9	270	270	9.5	0	3	0	6.8
16	18.1	13.7	82	39	5.7	320	230	6.0	0	0	40.6	5.0
17	17.1	14.0	77	44	3.1	230	230	7.5	0	4	0	5.8
18	17.5	13.7	83	39	3.7	270	230	5.8	0	2	18.8	4.8
19	17.8	13.9	87	39	2.1	230	230	7.0	0	0	0.2	5.6
20	18.0	13.3	81	38	3.7	230	230	8.3	0	3	0	6.2
21	17.2	14.0	79	41	2.8	230	230	7.3	0	0	9.8	6.0
22	17.4	13.0	79	36	3.2	230	230	9.1	0	0	0	7.6
23	17.6	14.4	80	44	3.3	230	230	8.7	0	0	5.0	6.0
24	17.3	12.4	80	35	4.4	140	230	5.4	2	2	0	6.2
25	17.4	12.8	79	37	5.5	270	230	6.6	0	2	1.4	5.4
26	17.2	12.6	82	34	6.4	230	230	10.6	0	2	1.2	4.0
27	17.9	13.2	85	37	8.1	45	230	11.3	0	2	22.6	4.2
28	18.0	13.7	81	39	4.2	270	230	10.5	2	2	0	6.8
29	17.8	13.8	80	38	5.8	230	230	8.8	0	2	0	7.2
30	17.9	14.0	79	40	5.6	320	270	9.4	2	2	0	6.2
31	17.7	13.8	79	40	5.7	270	230	8.5	0	2	0	6.8
Mean	17.5	13.3	80	37	5.7	..	..	7.9	1	1	126.4	6.4
Weekly mean												
Std.Week No:19 (May 7- May 13) No. of Days: 7												
Mean	17.1	13.2	80	35	7.3	..	..	7.9	1	1	2.6	7.1
Std.Week No:20 (May 14 - May 20) No. of Days: 7												
Mean	17.4	13.6	80	36	6.2	..	..	6.9	1	1	1.2	6.9
Std.Week No: 21 (May21 - May 27) No. of Days: 7												
Mean	17.7	13.2	82	40	4.3	..	..	7.3	0	2	8.7	5.7
Std.Week No:22 (May 28 - June 3) No. of Days: 7												
Mean	17.6	13.8	81	37	5.0	..	..	8.9	0	1	3.8	5.7

District : Bengaluru
State : Karnataka

PART-I
Lat : 13° 05' N
Long : 77° 34' E
: 924 m (amsl)

Month: June
Year : 2019 Alt.

Date	Air Temperature °C						PET(mm)	Soil Temperature °C					
	Max.	Min.	Dry	Dry	Wet	Wet		5 cm	5cm	10cm	10cm	15cm	15cm
	0700	1400	0700	1400	0700	1400		0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT	IST	LMT	LMT	LMT	LMT	LMT	LMT
1	33.4	19.0	22.8	31.8	20.4	21.4	4.0	23.0	37.8	23.8	36.6	24.0	36.0
2	33.0	19.6	22.8	30.8	20.4	21.6	4.0	23.0	38.8	23.6	37.6	23.8	36.6
3	31.2	20.0	23.6	29.0	21.4	21.6	3.6	22.4	37.0	23.0	36.6	24.0	36.2
4	30.0	17.5	23.6	30.8	22.4	21.4	2.9	24.6	37.8	25.2	36.6	26.0	36.0
5	31.2	20.4	23.4	30.8	20.4	21.4	4.0	22.8	37.2	23.2	36.2	24.4	35.4
6	31.6	20.6	23.4	30.4	20.8	21.2	3.9	21.6	35.4	22.4	34.6	23.8	34.0
7	31.6	18.6	23.4	27.6	21.0	21.2	3.6	21.0	36.0	22.4	35.0	23.4	34.0
8	29.8	19.6	23.0	29.0	21.4	21.4	3.3	22.0	37.8	23.6	36.0	24.0	35.4
9	31.0	20.4	23.4	30.6	21.2	21.8	3.7	22.8	38.8	23.8	36.6	24.6	36.0
10	32.4	19.8	23.0	28.8	21.4	21.8	4.3	23.4	38.0	24.8	37.6	25.0	36.0
11	30.0	19.6	23.2	28.0	21.6	21.6	4.0	23.8	37.8	24.8	36.8	25.0	35.8
12	29.0	19.8	23.0	27.0	21.4	21.4	4.0	23.0	37.0	24.4	36.0	25.0	35.0
13	28.4	18.8	22.0	28.0	21.0	21.4	3.7	22.4	36.8	23.8	36.0	24.8	35.6
14	29.8	20.0	22.8	29.0	21.0	21.4	3.4	22.4	36.8	23.6	36.0	24.8	35.0
15	30.8	19.4	22.4	30.6	21.2	21.6	4.2	22.8	37.8	23.6	36.6	24.8	36.0
16	31.8	19.6	22.0	31.4	20.8	21.8	4.6	23.6	38.8	24.8	37.0	25.4	36.0
17	32.0	20.0	23.0	29.0	21.4	21.6	4.5	24.2	38.4	25.0	37.0	26.6	36.8
18	30.6	20.2	23.0	30.8	21.6	21.4	4.2	24.4	37.0	25.6	36.6	26.8	36.0
19	31.8	19.4	22.8	31.0	21.2	21.6	3.9	23.0	36.6	24.0	34.6	24.4	34.0
20	32.0	20.0	23.2	29.6	21.4	21.6	4.5	23.2	35.4	23.8	34.4	24.2	34.4
21	30.6	19.0	21.8	28.0	20.8	21.6	4.4	22.4	35.6	23.6	35.0	24.4	34.2
22	29.0	19.6	23.0	28.2	21.4	21.6	3.2	22.0	36.6	23.0	35.4	24.4	35.0
23	29.2	20.0	22.8	28.0	21.2	21.6	3.5	22.2	35.8	23.4	35.0	25.0	35.8
24	28.0	18.8	22.8	28.0	21.2	21.8	3.2	21.6	36.6	22.0	35.8	23.4	35.0
25	29.8	19.0	23.0	29.0	21.4	21.6	3.7	22.0	35.4	23.6	34.0	24.0	33.6
26	30.2	18.8	22.4	27.6	21.0	21.8	4.1	23.4	35.0	24.0	34.0	24.6	33.2
27	28.0	19.0	23.2	29.4	21.4	21.8	3.0	22.8	35.4	23.8	34.0	24.8	33.6
28	30.6	19.6	22.8	30.0	21.4	21.6	4.3	22.6	36.0	23.4	35.4	24.4	34.6
29	31.0	18.2	23.0	29.8	21.4	21.2	4.2	22.8	36.2	23.6	35.0	24.6	34.0
30	30.0	19.4	22.8	29.0	21.2	21.2	4.0	23.0	36.2	23.8	35.0	24.6	34.0
Mean	30.6	19.5	22.9	29.4	21.2	21.5	3.9	22.8	36.9	23.8	35.8	24.6	35.1
Weekly mean													
Std. Week No:23 (June 4 - June 10) No. of Days: 7													
Mean	31.1	19.6	23.3	29.7	21.2	21.5	3.7	22.6	37.3	23.6	36.1	24.5	35.3
Std. Week No:24 (June 11 - June 17) No. of Days: 7													
Mean	30.3	19.6	22.6	29.0	21.2	21.5	4.1	23.2	37.6	24.3	36.5	25.2	35.7
Std. Week No: 25 (June 18 - June 24) No. of Days: 7													
Mean	30.2	19.6	22.8	29.1	21.3	21.6	3.8	22.7	36.2	23.6	35.3	24.7	34.9
Std. Week No:26 (June 25 - July 01) No. of Days: 7													
Mean	29.9	19.0	22.9	29.1	21.3	21.5	3.9	22.8	35.7	23.7	34.6	24.5	33.8

PART II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

2019 II---> 1400 Hours LMT = 1420 IST

Month: June

Year :

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount (Octas)		Rainfall (mm)	Pan Evap. (mm)			
	Vap. Pr. (mm) Hg.		Rel. Hum. %		Speed (Km/day)	Direction			0700	1400					
	0700	1400	0700	1400	0700	0700	1400		0700	0700			1400	0830	0830
	LMT	LMT	LMT	LMT	LMT	LMT	LMT		LMT	LMT			LMT	IST	IST
1	16.6	13.3	80	38	5.7	230	230	8.2	0.0	2.0	10.8	5.4			
2	16.6	14.2	80	43	6.0	270	230	8.7	2.0	2.0	0.0	5.6			
3	17.9	15.2	82	51	6.0	230	230	5.7	2.0	2.0	10.6	4.0			
4	19.6	13.9	90	42	7.0	230	230	2.1	0.0	0.0	0.0	3.8			
5	16.3	13.9	76	42	5.4	230	230	9.8	2.0	2.0	0.0	5.4			
6	17.0	13.8	79	42	5.4	230	230	8.2	0.0	2.0	33.4	4.4			
7	17.3	15.3	80	55	4.0	270	230	8.9	0.0	3.0	25.4	4.2			
8	18.2	14.9	87	50	6.3	270	230	3.9	8.0	2.0	0.0	4.6			
9	17.7	14.7	82	45	4.7	230	230	7.6	0.0	2.0	0.0	4.8			
10	18.2	15.7	87	53	7.0	230	230	10.6	2.0	3.0	0.0	6.0			
11	18.5	15.8	87	56	10.7	230	230	8.6	3.0	3.0	0.0	5.8			
12	18.2	16.0	87	60	12.2	270	270	7.8	4.0	3.0	0.0	6.0			
13	18.1	15.5	91	55	13.6	270	230	5.9	8.0	4.0	0.0	5.6			
14	17.7	14.9	85	50	9.8	230	230	0.8	6.0	3.0	0.0	4.2			
15	18.2	14.4	90	44	9.3	270	230	10.0	3.0	3.0	0.0	6.0			
16	17.8	14.3	90	41	9.4	230	270	11.4	3.0	3.0	0.0	6.6			
17	18.2	15.2	87	51	9.4	270	270	10.7	3.0	3.0	0.0	6.8			
18	18.6	13.9	88	42	8.5	270	270	9.0	2.0	2.0	0.0	7.0			
19	18.0	14.1	86	42	8.1	230	230	5.5	0.0	3.0	0.0	6.8			
20	18.1	14.9	85	48	10.4	230	230	9.0	4.0	2.0	0.0	6.6			
21	17.9	15.8	91	56	10.2	270	270	11.2	8.0	4.0	0.0	6.2			
22	18.2	15.7	87	55	9.4	270	270	1.6	6.0	2.0	0.0	5.8			
23	18.0	15.8	86	56	7.5	270	270	4.8	3.0	3.0	0.0	5.4			
24	18.0	16.1	86	57	7.5	270	230	4.3	3.0	3.0	7.8	4.6			
25	18.2	15.2	87	51	7.2	230	230	6.9	3.0	3.0	0.0	5.8			
26	17.9	16.4	88	59	8.7	230	230	9.5	6.0	3.0	0.0	4.8			
27	18.1	15.4	85	50	9.4	270	270	1.2	4.0	3.0	0.0	4.6			
28	18.3	14.7	88	46	11.0	270	270	7.0	3.0	3.0	1.2	4.8			
29	18.2	14.1	87	45	11.3	270	270	7.8	2.0	2.0	0.0	5.0			
30	18.0	14.6	86	48	11.6	270	270	6.5	2.0	2.0	0.0	5.4			
Mean	17.9	15.0	86	49	8.4	..	..	7.1	3.1	2.6	89.2	5.4	
Weekly mean															
Std. Week No:23 (June 4 - June 10) No. of Days: 7															
Mean	17.8	19.3	83	47	5.7	..	..	7.3	2	2	58.8	4.7	
Std. Week No:24 (June 11 - June 17) No. of Days: 7															
Mean	18.1	19.5	88	51	10.6	..	..	7.9	4	3	0.0	5.9	
Std. Week No: 25 (June 18 - June 24) No. of Days: 7															
Mean	18.1	19.5	87	51	8.8	..	..	6.5	4	3	7.8	6.1	
Std. Week No:26 (June 25 - July 01) No. of Days: 7															
Mean	18.1	19.4	87	50	9.9	..	..	6.5	3	3	1.2	5.1	

Note: Rainfall is in total

PART- I

District : Bengaluru
State : Karnataka

Lat : 13° 05' N
Long : 77° 34' E
Alt.: 924 m(amsl)

Month : July
Year : 2019

Date	Air Temperature °C						PET (mm)	Soil Temperature °C					
	Max.	Min.	Dry	Dry	Wet	Wet		5 cm	5 cm	10cm	10cm	15cm	15cm
	0700	1400	0700	1400	0700	1400	0830	0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT	IST	LMT	LMT	LMT	LMT	LMT	LMT
1	30.0	19.6	22.4	29.2	21.0	21.8	3.6	23.0	36.8	23.8	35.0	24.4	35.0
2	30.8	18.6	22.6	30.0	21.6	21.8	4.4	22.8	37.8	23.6	37.4	24.6	36.6
3	31.6	19.0	22.4	29.6	21.4	21.6	4.4	22.6	37.6	23.8	36.0	24.8	35.4
4	30.6	19.0	22.4	29.6	21.2	21.0	4.1	22.8	36.0	23.8	35.4	24.6	35.0
5	30.8	19.4	22.6	28.8	21.0	21.2	4.4	22.6	34.8	23.4	34.0	24.0	33.6
6	30.6	18.8	22.0	29.6	20.8	21.8	3.6	22.0	35.0	23.0	33.6	24.2	32.0
7	31.0	19.8	22.8	28.2	21.4	21.4	4.2	23.0	34.0	23.6	33.0	24.2	31.0
8	30.8	19.4	22.4	28.6	21.2	21.8	3.5	22.0	35.0	22.4	34.0	24.0	32.8
9	29.8	18.8	22.6	29.4	21.2	21.4	3.9	22.8	34.2	23.6	33.0	23.8	32.8
10	30.5	17.4	22.6	28.2	21.0	21.0	3.8	23.0	34.2	24.6	34.0	25.0	33.0
11	29.6	19.6	22.0	29.0	20.8	21.4	3.9	22.0	34.0	23.0	33.6	23.6	33.2
12	30.6	17.8	22.2	30.6	21.0	21.2	3.8	22.0	34.6	23.2	33.8	23.8	33.0
13	31.8	19.0	22.6	30.4	21.2	21.6	4.0	22.4	34.4	23.8	33.6	24.0	33.2
14	31.6	19.4	22.0	29.0	20.8	21.6	4.0	22.4	34.0	23.6	32.8	24.4	31.6
15	30.8	18.8	22.0	29.8	20.8	21.6	3.8	22.0	36.0	23.4	34.0	24.0	33.8
16	31.0	19.0	22.2	28.0	21.0	21.4	4.2	22.4	27.0	23.4	25.0	23.6	24.4
17	29.8	19.2	22.4	28.0	21.2	21.6	3.6	22.6	37.4	23.6	36.0	23.8	31.8
18	29.2	18.8	22.2	27.0	21.4	21.6	2.8	22.4	36.0	23.8	34.4	24.2	33.2
19	28.0	19.4	21.8	28.2	20.8	21.0	3.0	22.0	33.0	23.4	31.8	24.0	30.0
20	28.8	19.6	22.0	26.8	20.6	20.8	3.4	21.8	33.2	22.0	31.0	23.4	30.0
21	28.0	19.2	21.8	27.4	20.8	20.8	3.6	22.8	33.0	23.6	31.2	23.8	30.0
22	27.6	18.8	21.4	27.0	20.6	20.4	3.2	22.4	33.0	23.8	31.0	23.9	29.0
23	27.2	18.0	20.2	26.0	19.8	20.6	2.8	21.8	28.8	22.0	27.0	23.0	26.0
24	26.2	17.8	22.0	28.0	20.8	21.8	2.4	21.8	28.0	22.0	27.2	23.4	26.0
25	29.6	19.6	22.6	27.8	21.6	21.2	3.9	21.6	27.6	22.4	26.6	23.0	26.0
26	28.8	19.0	21.8	26.0	20.8	21.0	3.2	21.0	28.0	22.0	27.0	22.8	26.2
27	26.2	17.8	22.0	27.0	20.8	21.4	2.5	21.0	27.8	23.0	26.6	24.0	25.0
28	27.4	19.0	22.0	28.0	21.0	21.2	3.0	21.4	26.6	22.4	25.8	23.2	25.0
29	29.2	18.4	21.8	27.0	20.8	21.0	3.6	21.6	27.8	22.0	27.0	23.4	26.6
30	27.6	17.8	21.6	27.2	20.4	20.8	3.0	21.8	28.8	22.0	27.4	22.6	27.0
31	28.0	18.0	22.0	28.6	20.8	21.6	3.0	22.0	29.6	23.2	28.0	23.8	27.4
Mean	29.5	18.8	22.1	28.3	21.0	21.3	3.6	22.2	32.7	23.1	31.5	23.8	30.5
Weekly mean													
Std. Week No:27 (July 2 - July 8) No. of Days: 7													
Mean	30.9	19.1	22.5	29.2	21.2	21.5	4.1	22.5	35.7	23.4	34.8	24.3	33.8
Std. Week No:28 (July 9 - July 15) No. of Days: 7													
Mean	30.7	18.7	22.3	29.5	21.0	21.4	3.9	22.4	34.5	23.6	33.5	24.1	32.9
Std. Week No:29 (July 16 - July 22) No. of Days: 7													
Mean	28.9	19.1	22.0	27.5	20.9	21.1	3.4	22.3	33.2	23.4	31.5	23.8	29.8
Std. Week No:30 (July 23 - July 29) No. of Days: 7													
Mean	27.8	18.5	21.8	27.1	20.8	21.2	3.0	21.5	27.8	22.3	26.7	23.3	25.8
Std. Week No:31 (July 30 - August 5) No. of Days: 7													
Mean	28.4	19.0	21.0	27.7	20.1	20.5	3.4	20.6	31.5	21.7	28.9	21.3	28.4

Month : August

State : Karnataka

Long : 77° 34' E

Year : 2019

Date	Air Temperature °C						PET (mm)	Soil Temperature °C					
	Max.	Min.	Dry	Dry	Wet	Wet		5 cm	5 cm	10 cm	10 cm	15 cm	15 cm
	0700	1400	0700	1400	0700	1400	0830	0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT	IST	LMT	LMT	LMT	LMT	LMT	LMT
1	30.6	18.2	21.8	29.0	20.4	21.8	3.9	22.2	34.0	23.2	32.8	24.4	31.0
2	31.0	19.0	22.0	26.0	20.8	20.8	4.5	22.8	30.0	23.6	29.0	23.8	27.2
3	26.8	18.4	21.6	28.0	20.8	21.4	2.7	22.0	27.6	23.4	27.0	23.8	26.8
4	28.6	18.0	22.0	27.0	21.2	21.8	2.9	22.0	27.8	23.0	26.0	24.4	26.0
5	28.0	18.4	22.4	26.6	21.6	21.0	3.2	21.8	27.4	22.0	26.2	23.0	26.0
6	26.8	17.8	20.2	25.6	19.8	20.8	2.8	21.0	26.6	22.0	25.4	23.0	25.0
7	25.8	17.6	20.0	24.0	19.8	21.0	2.4	20.8	25.0	21.8	23.6	22.4	23.0
8	24.0	17.4	20.8	25.2	20.2	21.2	2.1	20.8	24.0	22.0	23.8	23.0	23.2
9	25.6	18.0	22.0	25.4	21.4	21.0	2.5	21.0	24.6	22.0	24.0	22.8	23.8
10	25.6	17.4	21.8	25.0	20.8	21.0	2.4	20.8	24.4	21.8	24.0	22.6	23.6
11	25.8	17.8	21.8	27.0	20.8	21.0	2.7	20.8	24.4	21.8	23.8	22.0	23.0
12	28.0	17.4	21.0	26.8	20.2	21.0	3.1	21.2	24.8	22.0	24.0	23.0	24.0
13	28.0	17.2	21.6	28.0	20.8	21.2	3.0	21.0	27.0	22.0	26.4	22.8	25.8
14	28.2	17.8	22.0	27.2	20.6	21.2	3.0	21.6	27.8	22.4	27.0	23.0	26.8
15	27.8	17.4	21.4	27.0	20.8	21.8	3.0	21.0	26.4	22.0	26.0	22.6	25.8
16	27.8	18.0	22.4	27.8	21.6	21.8	3.0	22.0	27.8	23.4	26.0	24.0	26.0
17	29.0	19.0	20.0	25.0	19.8	21.0	3.4	21.4	28.6	22.0	27.0	22.4	26.6
18	25.8	18.0	21.6	24.2	20.8	21.6	2.1	21.6	26.0	22.4	25.8	23.2	25.4
19	24.8	18.2	22.0	26.6	21.2	21.0	2.1	21.0	26.4	22.0	26.0	22.6	25.0
20	28.6	18.4	20.8	26.0	20.4	21.2	3.2	21.2	26.6	22.0	26.0	23.0	25.8
21	26.8	18.2	21.6	26.6	21.0	21.4	2.6	20.8	27.6	21.2	26.0	22.0	26.0
22	27.2	17.8	21.6	26.0	20.8	20.8	2.8	21.8	27.0	22.4	26.0	22.8	25.4
23	26.8	18.0	21.0	26.6	20.2	21.0	2.9	21.6	27.8	22.4	26.6	23.0	26.0
24	27.0	17.8	21.2	26.2	20.8	21.0	3.2	21.6	27.0	22.4	26.0	23.8	26.0
25	26.6	18.0	20.6	26.2	20.2	21.0	2.9	22.0	26.6	23.4	26.0	23.8	25.8
26	28.6	18.2	20.0	26.4	19.2	21.4	3.9	22.4	28.0	23.0	27.5	23.4	26.0
27	27.5	18.2	21.0	27.0	20.0	22.0	3.3	22.0	27.0	23.4	26.0	24.2	25.8
28	28.0	18.4	21.0	29.0	19.0	22.4	3.7	21.0	31.0	23.5	29.0	25.0	27.0
29	30.0	20.2	21.0	28.0	20.0	22.6	4.0	22.0	30.4	23.4	29.0	25.0	26.0
30	29.4	18.6	20.8	27.0	20.0	21.2	4.1	22.0	29.0	23.4	27.2	24.6	26.0
31	27.0	18.6	20.0	27.0	19.0	20.8	3.4	22.0	28.4	23.0	27.6	25.0	26.6
Mean	27.5	18.1	21.3	26.6	20.5	21.3	3.1	21.5	27.3	22.5	26.3	23.4	25.7
Std. Week No: 32 (August 6- August 12) No. of Days: 7													
Mean	25.9	17.6	21.1	25.6	20.4	21.0	2.6	20.9	24.8	21.9	24.1	22.7	23.7
Std. Week No: 33 (August 13 -August 19) No. of Days: 7													
Mean	27.3	17.9	21.6	26.5	20.8	21.4	2.8	21.4	27.1	22.3	26.3	22.9	25.9
Std. Week No: 34 (August 20 - August 26) No. of Days: 7													
Mean	27.4	18.1	21.0	26.3	20.4	21.1	3.1	21.6	27.2	22.4	26.3	23.1	25.9
Std. Week No:35 (August 27 - Sept. 02) No. of Days: 7													
Mean	28.4	18.8	20.8	27.6	19.6	21.8	3.7	21.8	29.2	23.3	27.8	24.8	26.3

PART- II

Time of Observation:

Month : August

I---> 0700 Hours LMT = 0720 IST
2019

Year :

II---> 1400 Hours LMT = 1420 IST

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount (Octas)		Rainfall (mm)	Pan Evap. (mm)			
	Vap. Pr. (mm) Hg.		Rel. Hum. %		Speed (Km/day)	Direction									
	0700	1400	0700	1400	0700	0700	1400		0700	0700			1400	0830	0830
	LMT	LMT	LMT	LMT	LMT	LMT	LMT		LMT	LMT			LMT	IST	IST
1	17.2	20.4	88	52	9.7	230	230	8.9	4	3	0.0	4.8			
2	17.8	18.4	90	62	13.4	230	230	10.6	4	6	0.0	5.0			
3	18.0	19.4	93	55	12.1	230	230	0.2	8	6	0.0	5.2			
4	18.4	19.9	93	62	11.9	230	230	1.7	6	6	0.0	4.2			
5	18.9	18.3	93	60	13.8	230	230	3.0	6	6	0.4	4.6			
6	17.1	19.0	96	64	13.4	230	230	0.3	8	6	0.8	3.6			
7	17.2	19.3	98	76	13.1	230	230	0.7	8	6	2.2	2.6			
8	17.4	19.4	95	69	13.4	230	230	0.0	8	6	6.8	2.0			
9	18.8	18.4	95	67	13.4	230	230	1.3	8	6	4.2	3.0			
10	17.9	18.8	91	69	14.1	230	230	0.5	6	6	1.0	2.8			
11	17.9	18.8	91	57	11.8	230	230	1.8	6	6	0.0	3.6			
12	17.3	19.1	93	58	9.8	230	230	4.0	8	6	4.0	2.8			
13	18.0	19.1	93	53	7.8	270	230	4.6	6	6	1.4	3.0			
14	17.4	19.2	88	58	7.4	230	230	4.0	4	6	8.8	3.4			
15	18.1	20.1	95	62	8.5	270	230	5.8	8	6	24.6	3.8			
16	18.9	19.7	93	58	8.1	230	230	5.1	4	4	0.0	3.2			
17	17.2	19.3	98	69	9.4	270	230	4.6	8	6	1.6	1.8			
18	18.0	19.8	93	79	4.8	230	230	0.6	8	8	14.2	2.2			
19	18.4	18.5	93	60	3.4	270	270	0.0	4	6	23.4	2.0			
20	17.8	19.3	96	64	5.0	270	270	5.8	6	6	35.4	2.6			
21	18.3	19.3	95	62	6.6	270	230	2.0	6	6	14.8	1.8			
24	18.0	18.4	93	62	8.4	270	230	2.5	8	6	0.0	2.2			
23	17.3	19.1	93	60	8.6	270	230	2.5	6	4	1.4	2.8			
24	18.2	18.8	96	62	9.7	230	230	6.1	8	6	3.8	2.8			
25	17.5	19.1	96	62	8.6	230	230	3.3	6	6	0.0	3.8			
26	16.2	20.3	93	63	10.4	230	230	8.4	6	6	0.6	3.6			
27	17.0	20.9	91	64	8.8	230	230	5.7	6	4	0.0	3.8			
28	15.4	22.2	82	55	8.7	230	230	7.5	4	4	0.0	3.1			
29	17.0	22.0	91	62	8.4	230	270	8.2	4	4	0.0	4.0			
30	17.1	19.5	93	59	8.8	230	230	9.3	6	4	24.0	4.8			
31	15.9	19.4	91	56	10.3	230	230	7.0	4	6	0.0	4.2			
Mean	17.6	19.5	93	62	9.7	..	..	4.1	6	6	173.4	3.3	
Std. Week No: 32 (August 6 - August 12) No. of Days: 7															
Mean	17.7	19.0	94	66	12.7	..	..	1.2	7.4	6.0	19.0	2.9	
Std. Week No: 33 (August 13 - August 19) No. of Days: 7															
Mean	18.0	19.4	93	63	7.1	..	..	3.5	6.0	6.0	74.0	2.8	
Std. Week No: 34 (August 20 - August 26) No. of Days: 7															
Mean	17.6	19.2	95	62	8.2	..	..	4.4	6.6	5.7	56.0	2.8	
Std. Week No: 35 (August 27 - Sept.02) No. of Days: 7															
Mean	16.5	19.5	90	59	9.0	..	..	7.5	4.8	4.4	24.0	4.0	

Note: Rainfall is in total

Meteorological Observation

PART- I

District : Bengaluru
State : Karnataka

Lat : 13° 05' N
Long : 77° 34' E
Alt. : 924 m (amsl)

Month : September
Year : 2019

Date	Air Temperature °C						PET (mm)	Soil Temperature °C					
	Max.	Min.	Dry	Dry	Wet	Wet		5 Cm	5 Cm	10Cm	10Cm	15Cm	15Cm
	0700	1400	0700	1400	0700	1400	0830	0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT	IST	LMT	LMT	LMT	LMT	LMT	LMT
1	28.0	18.4	21.0	25.8	20.4	21.0	2.7	21.6	27.0	22.4	26.6	23.6	26.0
2	26.4	18.2	21.2	26.4	20.8	21.0	2.7	21.8	26.8	22.4	26.0	23.8	25.0
3	26.8	18.4	21.2	26.0	20.8	21.2	2.6	21.6	27.6	22.0	26.6	23.0	26.0
4	26.8	18.6	21.4	25.0	20.8	20.8	2.7	22.0	27.6	23.0	27.0	23.8	26.6
5	25.8	17.8	20.8	26.6	20.2	21.0	2.5	20.8	27.4	21.6	26.8	22.0	26.2
6	27.0	18.0	22.0	26.8	20.8	21.2	2.4	21.6	27.6	22.4	26.6	23.6	26.0
7	27.2	18.0	20.8	26.8	20.2	21.2	2.8	21.8	28.0	22.0	27.0	23.0	26.8
8	27.8	18.4	21.6	27.0	20.4	21.0	3.0	21.8	28.6	22.4	27.0	23.4	26.8
9	28.0	18.6	21.8	27.6	20.4	21.2	3.1	22.0	28.8	23.4	27.4	24.0	27.0
10	28.2	18.2	22.0	28.0	21.0	21.4	2.8	22.0	29.0	22.8	28.0	23.8	27.2
11	28.8	19.4	22.4	27.0	21.2	20.8	3.2	21.6	28.4	22.4	27.0	23.4	26.6
12	28.0	19.6	21.0	28.4	20.0	21.4	3.3	21.4	29.6	22.0	27.8	23.6	26.8
13	29.0	18.8	22.0	28.6	20.8	21.6	3.5	22.0	29.8	23.4	28.0	24.4	27.8
14	29.0	19.0	22.2	29.0	20.6	21.4	3.4	23.0	29.4	23.8	28.2	24.4	27.8
15	30.0	19.0	21.6	28.6	20.8	21.2	3.6	22.4	29.8	23.4	28.8	24.2	28.0
16	29.4	18.6	21.0	26.6	20.4	20.8	3.6	21.8	28.0	22.4	27.6	23.0	27.0
17	27.6	18.2	20.6	24.6	20.0	21.2	2.7	21.0	27.8	22.2	26.8	23.0	26.6
18	25.8	18.8	22.0	27.0	21.0	20.8	2.5	21.2	27.8	22.0	27.0	23.0	26.8
19	28.0	17.8	20.0	27.8	19.8	21.0	2.8	21.6	27.6	22.0	26.6	22.4	26.0
20	28.2	18.2	22.0	27.2	20.8	21.2	3.1	21.6	27.8	22.0	27.0	23.0	26.6
21	28.0	18.6	22.0	28.0	20.8	21.0	3.3	21.6	28.6	22.4	27.6	23.6	27.0
22	29.2	18.8	21.6	26.6	20.8	21.0	3.6	21.8	28.6	22.4	28.0	23.8	27.0
23	26.8	19.6	22.0	27.2	20.8	21.2	2.4	21.6	27.6	22.0	27.0	23.0	26.8
24	28.0	18.0	21.8	26.8	20.8	21.0	2.8	21.4	26.8	22.0	26.0	23.0	26.0
25	28.0	18.8	22.0	27.0	20.8	20.8	3.1	21.2	26.8	22.0	26.0	22.8	25.8
26	27.6	18.2	22.0	27.0	21.0	21.2	2.8	21.0	27.0	22.0	26.8	23.6	26.0
27	27.0	18.0	22.0	28.0	21.2	21.6	3.2	21.6	28.4	22.0	27.2	23.0	27.0
28	28.6	18.4	22.0	27.8	21.0	21.4	3.4	22.0	28.8	22.8	27.8	23.6	27.2
29	28.8	18.6	22.0	28.8	21.0	21.8	3.5	22.0	29.6	22.8	27.6	23.2	27.0
30	29.6	18.8	22.6	28.0	21.4	21.2	3.7	22.4	29.0	23.6	27.8	24.0	27.2
Mean	27.9	18.5	21.6	27.2	20.7	21.2	3.0	21.7	28.2	22.5	27.2	23.4	26.7
Weekly Mean													
Std.Week No:36 (Sept. 3 - Sept. 9) No. of Days : 7													
Mean	27.1	18.3	21.4	26.5	20.5	21.1	2.7	21.7	27.9	22.4	26.9	23.3	26.5
Std.Week No:37 (Sept.10 - Sept.16) No. of Days: 7													
Mean	28.9	18.9	21.7	28.0	20.7	21.2	3.3	22.0	29.1	22.9	27.9	23.8	27.3
Std.Week No:38 (Sept .17 - Sept. 23) No. of Days: 7													
Mean	27.7	18.6	21.5	26.9	20.6	21.1	2.9	21.5	28.0	22.1	27.1	23.1	26.7
Std.Week No:39 (Sept. 24 - Sept.30) No. of Days: 7													
Mean	28.2	18.4	22.1	27.6	21.0	21.3	3.2	21.7	28.1	22.5	27.0	23.3	26.6

PART II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month : September

Year : 2019

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount (Octas)		Rainfall (mm)	Pan Evap. (mm)
	Vap. Pr. (mm) Hg.		Rel. Hum. %		Speed (Km/day)	Direction			0700	0700	1400	0830
	0700	1400	0700	1400	0700	0700	1400					
	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	IST	IST
1	17.6	16.0	95	64	10.0	270	230	0.0	8.0	6.0	0.0	5.0
2	18.2	15.7	96	61	9.9	230	230	2.2	8.0	6.0	0.0	4.2
3	18.2	16.2	96	64	10.7	230	230	1.0	6.0	6.0	0.0	3.0
4	18.1	16.1	95	68	9.7	230	230	1.3	6.0	6.0	0.0	4.4
5	17.4	15.5	95	60	9.8	230	230	0.8	8.0	8.0	2.4	2.0
6	17.8	15.8	90	60	7.2	230	230	0.0	4.0	6.0	0.0	2.6
7	17.4	15.8	95	60	11.3	230	230	1.4	6.0	6.0	3.0	2.8
8	17.3	15.3	90	57	12.2	230	230	1.0	6.0	6.0	0.0	3.4
9	17.2	15.3	88	55	12.3	230	230	0.2	6.0	6.0	0.0	4.0
10	18.1	15.5	91	55	9.8	230	230	0.0	4.0	6.0	0.0	4.2
11	18.2	15.0	90	56	7.8	230	230	3.4	6.0	6.0	0.0	3.8
12	17.0	15.2	91	53	6.7	230	230	4.7	6.0	4.0	2.0	3.2
13	17.8	15.5	90	53	8.1	270	230	6.6	4.0	4.0	0.0	4.6
14	17.3	14.9	86	50	5.9	230	230	5.8	3.0	4.0	0.0	4.8
15	18.0	14.8	93	50	6.8	230	230	7.0	6.0	4.0	2.0	4.0
16	17.6	15.2	95	58	7.1	270	230	7.2	8.0	6.0	0.0	3.8
17	17.2	17.0	95	73	7.1	230	230	1.6	6.0	6.0	6.4	3.0
18	18.1	15.0	91	56	6.3	270	230	0.5	6.0	6.0	0.0	2.8
19	17.2	14.9	98	53	3.9	230	230	2.6	8.0	6.0	71.2	3.0
20	17.8	15.6	90	58	6.8	270	230	4.7	4.0	3.0	0.8	2.8
21	17.8	14.8	90	52	5.0	270	320	6.2	2.0	3.0	0.0	3.8
22	18.0	15.5	93	60	3.9	320	320	9.4	8.0	3.0	6.2	4.6
23	17.8	15.6	90	58	2.0	320	320	0.0	6.0	6.0	28.4	3.4
24	17.9	15.4	91	58	3.8	320	230	2.9	6.0	4.0	26.4	3.0
25	17.8	15.0	90	56	3.0	230	230	5.0	6.0	6.0	20.4	3.8
26	18.1	15.7	91	59	4.8	230	230	3.1	3.0	6.0	7.6	3.2
27	18.4	15.8	93	56	9.2	230	230	5.8	6.0	4.0	0.0	2.8
28	18.1	15.6	91	56	9.2	230	230	4.2	6.0	6.0	9.8	3.6
29	18.1	15.7	91	53	2.9	230	140	8.2	4.0	6.0	0.0	3.8
30	18.4	15.1	90	53	5.6	140	230	7.8	3.0	4.0	0.0	3.8
Mean	17.8	19.1	92	57	7.3	..	..	3.5	6	5	186.6	3.6
Weekly Mean												
Std. Week No:36 (Sept. 3 - Sept. 9) No. of Days : 7												
Mean	17.6	15.7	92	61	10.5	..	..	0.8	6	6	5.4	3.2
Std. Week No:37 (Sept.10 - Sept.16) No. of Days: 7												
Mean	17.7	15.1	91	53	7.5	..	..	5.0	5	5	4.0	4.1
Std. Week No:38 (Sept .17 - Sept. 23) No. of Days: 7												
Mean	17.7	15.5	92	58	5.0	..	..	3.6	5	16	23.4	3.3
Std. Week No:39 (Sept. 24 - Sept.30) No. of Days: 7												
Mean	18.1	15.5	91	56	5.5	..	..	5.3	5	5	64.2	3.4

Note: Rainfall is in Total

PART- I

District : Bengaluru
State : Karnataka

Lat : 13° 05' N
Long : 77° 34' E
Alt : 924 m (amsl)

Month : October
Year : 2019

Date	Air Temperature °C						PET (mm)	Soil Temperature °C						
	Max.	Min.	Dry	Dry	Wet	Wet		5 cm	5 cm	10 cm	10 cm	15 cm	15 cm	
	0700	1400	0700	1400	0700	1400		0830	0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT		IST	LMT	LMT	LMT	LMT	LMT	LMT
1	28.8	18.4	22.0	28.8	20.8	21.4	3.4	21.6	28.6	22.4	27.0	23.8	26.8	
2	29.8	17.4	21.8	28.2	21.0	21.6	3.1	21.4	29.8	22.0	28.6	23.0	28.0	
3	29.2	17.6	22.4	28.0	21.4	21.4	3.2	21.4	28.8	22.4	27.8	23.0	27.0	
4	28.8	17.4	22.0	27.8	21.2	21.0	3.0	21.6	28.2	22.4	27.6	23.0	27.2	
5	29.4	19.8	21.0	28.4	20.0	21.8	3.4	22.6	28.0	23.2	27.6	24.0	27.0	
6	29.0	18.8	21.8	28.6	20.6	21.4	2.8	22.4	29.4	23.6	27.8	24.2	27.2	
7	29.2	19.0	22.0	28.4	21.4	21.6	2.8	22.6	29.0	23.4	28.2	23.8	27.0	
8	29.4	18.8	22.2	28.8	21.6	21.2	2.8	22.4	29.4	23.0	28.0	23.8	27.2	
9	29.2	18.0	21.8	27.0	20.8	21.0	2.9	21.6	28.0	22.0	27.6	23.0	26.6	
10	27.4	18.2	22.0	28.0	20.6	21.8	2.6	21.0	29.6	22.0	27.8	23.0	27.0	
11	29.0	18.8	22.2	27.8	21.6	21.0	2.8	22.0	29.0	23.4	28.0	23.8	26.8	
12	28.8	18.6	22.0	28.6	20.8	21.6	2.9	21.8	29.6	22.4	28.6	23.4	27.8	
13	29.2	19.2	22.4	28.8	21.4	21.6	3.4	22.2	29.6	23.8	28.6	24.6	27.8	
14	29.6	19.0	22.6	28.4	21.2	21.8	3.4	22.0	29.8	23.0	28.8	23.8	28.0	
15	29.0	18.6	22.4	28.0	21.4	22.0	3.4	22.4	31.0	23.4	30.0	24.6	28.8	
16	28.4	19.2	22.6	27.0	21.8	21.8	3.3	21.8	30.0	22.0	29.8	23.8	28.8	
17	27.2	19.0	22.0	25.0	20.8	21.4	3.1	21.6	29.6	22.0	28.6	23.6	28.0	
18	25.6	18.0	20.8	26.0	20.0	21.6	2.3	21.6	29.8	22.4	28.0	23.8	27.6	
19	26.6	18.0	22.4	27.0	21.0	21.2	3.0	21.6	28.6	22.4	27.8	23.0	27.0	
20	27.8	19.2	21.2	26.6	20.8	21.0	3.6	21.6	28.4	22.0	27.8	23.0	27.4	
21	27.0	18.4	20.6	26.4	20.2	20.8	3.1	21.4	28.2	22.0	27.8	23.4	27.4	
22	26.6	18.0	21.0	25.0	20.4	20.8	2.4	21.2	27.8	22.0	26.6	22.4	26.0	
23	25.2	18.0	21.0	26.8	20.2	21.0	2.3	21.0	29.6	21.8	28.0	22.0	27.6	
24	27.6	18.2	20.8	26.6	20.0	20.8	3.4	21.8	29.0	22.2	28.6	23.8	27.6	
25	25.0	18.0	20.6	25.0	20.0	20.8	2.8	21.2	27.8	22.0	26.6	22.8	26.0	
26	25.2	17.6	20.6	26.8	19.8	21.2	2.5	21.0	29.0	22.0	28.6	22.4	27.8	
27	27.2	17.8	21.6	26.8	20.8	20.8	3.1	21.6	28.0	22.4	27.6	23.8	26.4	
28	27.6	17.8	21.0	26.6	20.2	20.8	3.0	21.2	29.0	22.0	28.6	23.0	27.0	
29	27.0	16.6	20.6	25.0	20.0	20.6	2.9	21.4	28.8	22.0	27.8	22.8	27.0	
30	25.0	17.0	20.0	25.0	19.6	20.4	2.6	20.8	28.0	21.6	27.6	22.0	27.2	
31	25.2	18.0	20.4	26.6	20.0	21.0	2.7	21.6	28.2	22.4	27.8	23.0	27.0	
Mean	27.7	18.3	21.5	27.2	20.7	21.2	3.0	21.7	29.0	22.4	28.1	23.3	27.3	
Weekly mean														
Std. Week No: 40 (October 1- October 7) No. of Days: 7														
Mean	29.2	18.3	21.9	28.3	20.9	21.5	3.1	21.9	28.8	22.8	27.8	23.5	27.2	
Std. Week No: 41 (October 8-October 14) No. of Days: 7														
Mean	28.9	18.7	22.2	28.2	21.1	21.4	3.0	21.9	29.3	22.8	28.2	23.6	27.3	
Std. Week No: 42 (October 15 - October 21) No. of Days: 7														
Mean	27.4	18.6	21.7	26.6	20.9	21.4	3.1	21.7	29.4	22.4	28.5	23.6	27.9	
Std. Week No:43 (October 22 - October 28) No. of Days: 7														
Mean	26.3	17.9	20.9	26.2	20.2	20.9	2.8	21.3	28.6	22.1	27.8	22.9	26.9	

PART- II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST
LMT = 1420 IST

Month : October

Year : 2019 II---> 1400 Hours

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount (Octas)			Rainfall (mm)	Pan Evap. (mm)
	Vap. Pr. (mm) Hg.		Rel. Hum. %		Speed (Km/hr)	Direction							
	0700	1400	0700	1400	0700	0700	1400						
	LMT	LMT	LMT	LMT	LMT	LMT	LMT						
1	17.8	15.0	90	51	4.7	270	230	9.1	6	3	0.0	3.8	
2	18.2	15.7	93	55	3.8	315	315	6.8	2	3	26.2	3.4	
3	18.6	15.5	91	55	4.1	230	230	8.0	0	3	12.4	4.0	
4	18.4	14.9	93	53	3.3	315	315	6.2	0	2	17.2	3.8	
5	17.0	15.9	91	55	3.7	270	230	7.1	3	3	16.6	4.0	
6	17.5	15.1	90	52	3.4	270	230	2.5	3	3	3.8	3.8	
7	18.8	15.6	95	54	3.7	270	230	2.6	3	3	0.0	4.4	
8	19.0	14.7	95	49	2.3	230	230	3.6	2	3	0.0	4.6	
9	17.9	15.3	91	57	1.4	230	140	5.4	0	3	35.2	4.2	
10	17.4	16.1	88	57	1.8	90	315	3.8	0	3	28.8	4.0	
11	19.0	14.9	95	53	1.2	315	45	4.0	3	3	3.4	3.6	
12	17.8	15.5	90	53	2.1	90	230	4.3	6	3	0.0	4.0	
13	18.6	15.4	91	52	3.7	230	230	7.9	3	3	0.0	4.2	
14	18.1	15.9	88	55	3.2	270	45	8.1	3	3	4.4	3.8	
15	18.6	16.5	91	58	5.9	90	45	7.6	3	3	0.0	4.0	
16	19.1	16.7	93	62	7.6	45	45	6.5	8	6	0.0	3.8	
17	17.8	17.1	90	72	8.1	90	90	4.7	8	6	0.0	3.6	
18	17.1	16.9	93	67	5.9	140	140	0.4	8	3	1.0	2.8	
19	17.9	15.7	88	59	4.5	140	90	6.1	3	4	3.8	3.6	
20	18.2	15.5	96	60	6.1	90	45	8.6	8	4	5.0	4.0	
21	17.5	15.3	96	59	4.9	45	315	6.2	3	3	2.2	3.2	
22	17.6	16.1	95	68	2.7	315	230	0.9	8	6	33.4	2.8	
23	17.3	15.4	93	58	4.4	230	230	0.0	3	3	1.8	2.0	
24	17.1	15.2	93	58	6.5	230	230	7.0	6	6	0.0	3.6	
25	17.2	16.1	95	68	8.0	230	230	4.1	8	4	0.0	2.2	
26	16.9	15.8	93	60	7.6	230	230	0.8	2	3	0.8	2.2	
27	18.0	15.1	93	57	5.6	230	230	5.0	3	4	1.0	3.2	
28	17.3	15.2	93	58	2.3	230	315	5.8	6	4	33.2	2.6	
29	17.2	15.8	95	66	6.0	315	45	4.6	6	6	0.0	3.8	
30	16.9	15.4	96	65	8.7	90	45	1.8	8	4	1.8	1.8	
31	17.3	15.5	96	60	9.1	90	45	1.5	6	4	2.0	2.2	
Mean	17.8	15.6	93	58	4.7	..	..	4.9	4	4	234.0	3.5
Weekly mean													
Std. Week No: 40 (October 1- October 7) No. of Days: 7													
Mean	18.0	15.4	92	53	3.8	...	...	6.0	2	3	76.2	3.9
Std. Week No: 41 (October 8-October 14) No. of Days: 7													
Mean	18.2	15.4	91	54	2.8	...	...	5.3	2	3	71.8	4.0
Std. Week No: 42 (October 15 - October 21) No. of Days: 7													
Mean	18.0	16.3	93	62	5.7	...	...	5.7	6	4	12.0	3.1
Std. Week No:43 (October 22 - October 28) No. of Days: 7													
Mean	17.3	15.6	93	61	5.8	...	...	3.4	5	4	70.2	2.6

Note: Rainfall is in total

November -2019

	corrected		Date	Vap. Pr. (mm) Hg.	
				0700 LMT	1400 LMT
1	17.5	15.1	1	17.5	18.5
2	17.3	14.7	2	17.3	18.3
3	17.0	14.7	3	17.0	18.9
4	16.8	14.8	4	16.8	19.3
5	15.8	14.9	5	15.8	19.9
6	17.5	15.1	6	17.5	19.1
7	17.9	14.9	7	17.9	18.8
8	17.4	15.4	8	17.4	19.2
9	17.9	15.4	9	17.9	19.7
10	18.0	15.9	10	18.0	19.7
11	18.0	15.3	11	18.0	18.8
12	16.4	14.9	12	16.4	18.8
13	15.3	15.7	13	15.3	20.3
14	15.8	15.5	14	15.8	19.5
15	17.1	17.1	15	17.1	20.3
16	17.3	15.1	16	17.3	19.0
17	16.9	15.6	17	16.9	19.5
18	17.1	15.7	18	17.1	19.4
19	17.8	15.5	19	17.8	19.4
20	17.1	14.7	20	17.1	18.3
21	16.8	16.1	21	16.8	19.1
22	16.9	15.4	22	16.9	18.8
23	15.1	15.1	23	15.1	19.8
24	15.6	14.5	24	15.6	18.9
25	15.1	14.3	25	15.1	18.7
26	14.6	14.3	26	14.6	19.4
27	15.2	15.1	27	15.2	18.9
28	15.2	14.8	28	15.2	19.4
29	16.6	15.5	29	16.6	19.2
30	14.6	15.7	30	14.6	19.1
	16.6	15.2	Mean	16.58535	19.19782

District : Bengaluru
State : Karnataka

PART-I
Lat : 13° 05' N
Long : 77° 34' E
Long : 77° 34' E
Alt : 924 m (amsl)

Month : December
Year : 2019

Date	Air Temperature °C						PET (mm)	Soil Temperature °C						
	Max.	Min.	Dry	Dry	Wet	Wet		5 cm	5 cm	10 cm	10 cm	15 cm	15 cm	
	0700	1400	0700	1400	0700	1400		0830	0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT		IST	LMT	LMT	LMT	LMT	LMT	LMT
1	24.2	17.0	19.0	23.8	18.8	20.0	2.2	20.8	25.4	21.6	25.0	22.0	24.6	
2	23.8	17.8	19.0	23.8	18.8	20.4	2.2	20.6	25.4	21.8	24.8	22.0	24.0	
3	24.2	16.6	18.8	24.0	18.6	20.2	2.2	21.6	25.6	22.0	24.4	22.4	24.0	
4	24.2	16.8	19.2	25.2	18.6	20.8	2.3	20.0	25.6	21.0	24.8	22.4	24.0	
5	25.4	16.2	18.0	24.4	16.8	20.4	3.2	21.8	25.6	22.0	24.6	22.8	24.0	
6	24.8	16.8	19.0	24.0	18.0	20.0	2.8	21.6	27.8	22.0	26.8	23.0	26.0	
7	24.0	15.0	15.6	23.8	14.8	20.0	2.5	21.8	26.6	22.0	26.0	23.2	25.4	
8	24.8	16.4	18.0	23.4	17.2	20.2	2.7	21.0	26.6	22.0	25.6	22.4	25.0	
9	23.6	16.4	18.2	26.0	17.6	20.8	2.2	21.4	28.8	21.8	28.0	22.0	27.6	
10	26.4	16.2	19.6	25.2	18.2	20.6	3.3	21.8	27.8	22.4	26.6	22.8	26.0	
11	25.6	15.4	18.8	26.6	18.0	21.0	2.9	21.8	29.0	22.8	27.8	23.6	27.0	
12	27.0	15.4	18.6	26.0	17.8	20.8	2.9	20.8	30.0	21.6	28.8	22.0	27.8	
13	26.0	15.8	18.2	26.4	17.0	20.6	3.0	21.0	30.4	22.0	28.8	23.0	28.0	
14	27.0	17.0	21.2	25.0	20.0	20.6	2.8	21.8	30.0	22.4	29.2	23.8	28.2	
15	26.8	15.8	18.6	26.0	17.8	20.8	3.0	21.8	29.0	22.4	27.8	22.8	26.6	
16	26.0	14.8	18.6	26.2	17.2	20.6	2.7	20.8	31.8	21.4	30.0	22.2	28.8	
17	26.8	15.8	19.4	25.6	18.2	20.8	3.0	21.6	31.4	22.0	30.2	23.0	28.6	
18	25.8	14.8	18.0	25.4	16.8	20.2	2.8	21.8	28.8	22.4	27.6	23.0	27.0	
19	26.4	16.8	18.4	25.4	17.2	20.4	3.4	21.4	29.2	22.8	28.4	23.6	27.0	
20	25.8	16.0	18.2	25.0	17.0	20.0	2.7	21.0	29.0	22.4	28.2	23.4	27.0	
21	25.6	15.8	18.0	26.0	17.4	20.4	3.1	21.6	29.6	22.0	28.8	23.4	28.0	
22	26.2	16.0	18.8	26.6	18.0	20.6	3.3	21.6	28.8	22.0	27.6	23.2	26.8	
23	27.2	16.4	19.0	26.8	18.2	20.2	3.3	21.8	29.0	22.0	28.8	23.0	28.0	
24	27.8	16.8	18.8	26.8	17.8	20.8	3.1	21.6	29.0	22.0	28.6	23.6	28.0	
25	28.0	18.0	20.0	25.6	18.8	20.0	3.4	21.6	30.0	22.4	28.8	23.8	28.0	
26	25.8	18.2	19.0	27.8	17.8	20.4	2.9	21.6	30.8	22.4	29.6	23.4	28.8	
27	28.4	17.2	18.8	28.2	18.0	20.6	3.1	21.4	31.0	22.4	29.6	23.8	28.8	
28	29.0	16.8	18.2	26.8	17.6	20.8	3.5	21.8	30.8	22.4	29.6	23.6	28.6	
29	27.0	16.6	18.4	26.2	17.6	20.8	3.4	21.6	30.8	22.0	28.6	23.2	27.8	
30	26.6	16.8	19.0	26.8	18.2	20.6	3.7	21.8	30.8	22.4	30.0	23.0	28.6	
31	27.0	16.8	18.8	26.4	17.6	21.0	3.2	20.8	30.8	21.6	30.0	22.4	29.0	
Mean	26.0	16.4	18.7	25.7	17.8	20.5	2.9	21.4	28.9	22.1	27.9	23.0	27.0	
Weekly mean														
Std.Week No: 49 (December 3 - December 9) No. of Days: 7														
Mean	24.4	16.3	18.1	24.4	17.4	20.3	2.6	21.3	26.7	21.8	25.7	22.6	25.1	
Std.Week No: 50 (December 10 - December 16) No. of Days: 7														
Mean	26.4	15.8	19.1	25.9	18.0	20.7	2.9	21.4	29.7	22.1	28.4	22.9	27.5	
Std.Week No: 51 (December 17 - December 23) No. of Days: 7														
Mean	26.3	15.9	18.5	25.8	17.5	20.4	3.1	21.5	29.4	22.2	28.5	23.2	27.5	
Std.Week No: 52 (December 24 - December 31) No. of Days: 8														
Mean	27.5	17.2	18.9	26.8	17.9	20.6	3.3	21.5	30.5	22.2	29.4	23.4	28.5	

PART- II

Time of Observation
 I---> 0700 Hours LMT = 0720 IST
 II---> 1400 Hours LMT = 1420 IST

Month : December
 Year : 2019

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount (Octas)		Rainfall (mm)	Pan Evap. (mm)			
	Vap. Pr. (mm) Hg.		Rel. Hum. %		Speed (Km/day)	Direction									
	0700	1400	0700	1400	0700	0700	1400		0700	0700			1400	0830	0830
	LMT	LMT	LMT	LMT	LMT	LMT	LMT		LMT	LMT			LMT	IST	IST
1	16.2	15.4	98	70	7.6	90	45	0.7	8.0	8.0	0.4	2.6			
2	16.2	16.1	98	73	8.7	45	45	0.0	8.0	6.0	1.2	1.6			
3	16.0	15.7	98	70	9.1	45	45	0.2	8.0	6.0	0.0	1.4			
4	15.7	16.0	94	66	8.7	45	45	1.2	4.0	3.0	0.0	2.8			
5	13.7	15.8	88	69	9.2	45	90	8.4	4.0	3.0	0.0	3.0			
6	14.9	15.3	91	68	7.2	90	90	5.1	4.0	2.0	0.0	3.2			
7	12.2	15.4	92	70	7.2	90	45	2.8	3.0	3.0	0.0	3.8			
8	14.3	16.0	92	74	7.1	45	45	4.3	4.0	3.0	0.0	3.6			
9	14.8	15.5	94	62	6.8	90	90	0.7	2.0	2.0	0.0	3.0			
10	14.9	15.7	87	65	7.5	90	45	9.6	0.0	2.0	0.0	3.8			
11	15.0	15.5	92	60	6.8	45	45	7.2	0.0	2.0	0.0	3.8			
12	14.8	15.5	92	62	4.5	90	90	7.0	0.0	2.0	0.0	3.6			
13	13.9	15.0	88	58	7.0	90	45	5.9	4.0	4.0	0.0	4			
14	16.9	15.8	89	66	7.0	45	90	4.2	8.0	6.0	0.0	3.6			
15	14.8	15.5	92	62	9.7	90	45	5.1	4.0	4.0	0.0	4			
16	13.9	15.1	87	59	7.3	45	90	3.3	0.0	2.0	0.0	3.8			
17	15.0	15.8	89	64	9.3	90	45	4.8	0.0	2.0	0.0	4.2			
18	13.7	14.9	88	61	7.6	45	50	3.8	2.0	0.0	0.0	4			
19	14.1	15.2	89	63	8.5	50	90	8.0	6.0	4.0	0.0	4			
20	13.9	14.8	88	62	5.6	90	90	2.3	0.0	2.0	0.0	3.6			
21	14.6	14.9	94	59	6.5	90	90	8.0	6.0	2.0	0.0	3.4			
22	15.0	14.9	92	57	7.9	90	90	8.4	6.0	4.0	0.0	3.6			
23	15.2	14.1	92	53	7.4	90	90	6.5	6.0	3.0	0.0	3.4			
24	14.7	15.1	91	57	5.3	90	90	4.8	6.0	3.0	0.0	3.8			
25	15.6	14.4	89	59	6.7	90	90	5.3	8.0	4.0	0.0	3.8			
26	14.6	13.9	89	50	5.4	90	90	1.9	6.0	4.0	0.0	4			
27	15.0	14.0	92	49	3.3	90	140	4.6	6.0	2.0	0.0	4.4			
28	14.8	15.1	94	57	5.5	140	90	6.8	2.0	2.0	0.0	4.2			
29	14.7	15.4	92	61	6.1	90	90	8.6	2.0	2.0	0.0	4			
30	15.2	14.8	92	56	9.0	90	90	9.0	2.0	2.0	0.0	4.4			
31	14.6	15.7	91	62	7.3	140	90	7.2	2.0	2.0	0.0	4.2			
Mean	14.8	15.2	92	62	7.1	..	..	5.0	4.0	3.0	1.6	3.6	
Weekly mean															
Std. Week No: 49 (December 3 - December 9) No. of Days: 7															
Mean	14.5	15.7	92.8	68.5	7.9	...	...	3.2	...	...	0.0	3.0
Std. Week No: 50 (December 10 - December 16) No. of Days: 7															
Mean	14.9	15.4	89.8	61.7	7.1	...	...	6.0	...	...	0.0	3.8
Std. Week No: 51 (December 17 - December 23) No. of Days: 7															
Mean	14.5	14.9	90.5	59.9	7.5	...	...	6.0	...	...	0.0	3.7
Std. Week No: 52 (December 24 - December 31) No. of Days: 8															
Mean	14.9	14.8	91.4	56.2	6.1	...	...	6.0	...	...	0.0	4.1

Note: Rainfall is in total