

PAR-I

District: Bengaluru

Lat: 13°05'N

Month: January

State : Karnataka

Long: 77° 34' E

Year : 2018

Alt. : 924 m (amsl)

date	Air Temperature °C						PET (mm)	Soil Temperature °C					
	Max	Min.	Dry	Dry	Wet	Wet		5 Cm	5 Cm	10C m	10C m	15C m	15C m
	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	26.4	13.8	15.2	27.2	14.6	20.6	3.0	19.6	31.6	20.4	30.0	20.8	28.8
2	27.6	16.0	18.4	26.8	18.0	20.2	3.0	20.2	32.0	21.6	30.8	22.0	28.8
3	28.0	17.0	19.0	26.4	17.4	20.8	3.2	20.8	29.0	21.6	28.6	22.8	27.8
4	26.6	16.4	17.8	26.4	16.6	20.0	2.9	20.0	30.6	20.8	29.0	21.8	28.0
5	26.8	14.6	17.6	25.4	15.8	19.8	3.1	20.8	30.6	21.8	29.0	22.6	27.8
6	26.0	12.6	16.6	26.0	15.0	19.8	2.8	20.2	31.6	22.0	29.2	22.8	28.0
7	26.2	13.0	18.0	25.4	16.8	19.6	3.0	20.0	30.0	21.0	28.8	21.8	27.4
8	25.8	12.8	16.0	25.2	13.8	19.0	2.8	20.0	30.8	20.8	29.0	22.0	27.8
9	25.4	13.8	16.0	25.8	14.6	19.8	3.2	19.8	31.6	21.0	30.0	22.6	28.6
10	26.0	16.0	17.8	27.2	16.0	19.8	3.3	20.2	31.4	21.6	30.0	22.0	28.6
11	27.6	15.4	19.6	27.2	17.0	20.2	3.4	20.0	32.0	21.4	31.0	22.6	28.6
12	28.0	17.6	19.4	27.8	18.0	20.4	3.7	20.8	32.0	21.6	30.8	23.0	28.6
13	28.4	14.8	19.6	28.0	18.0	20.4	3.0	20.0	32.6	21.6	30.6	22.4	28.4
14	29.6	14.0	19.8	28.0	18.4	20.8	3.2	21.0	32.0	22.6	30.0	22.8	28.6
15	29.6	14.8	20.0	28.0	18.2	20.4	3.5	20.8	32.4	21.6	30.0	23.0	29.0
16	29.0	15.2	18.8	27.6	17.6	20.8	3.4	21.0	30.8	21.8	28.8	23.2	28.0
17	28.0	14.4	17.2	27.0	16.6	20.0	3.2	20.2	31.6	21.6	30.0	22.8	28.4
18	27.2	13.0	17.0	26.8	15.6	19.8	3.1	20.6	31.0	21.4	28.8	22.6	28.0
19	27.0	10.0	16.0	26.6	14.4	19.6	3.0	19.8	30.2	20.2	28.0	21.6	27.6
20	26.8	13.2	17.0	26.6	15.6	19.4	3.3	19.6	30.8	21.6	30.0	22.8	28.4
21	26.8	12.6	17.8	26.8	15.8	20.4	3.1	20.0	31.0	21.8	30.2	22.4	28.6
22	27.2	13.2	15.4	26.6	14.0	20.0	3.2	20.0	30.8	21.4	29.6	22.6	27.8
23	27.0	13.8	17.0	27.0	16.0	20.0	3.2	20.0	31.8	21.2	29.6	22.6	28.0
24	28.0	14.6	18.0	27.2	16.8	20.2	3.2	20.8	31.6	21.6	30.0	22.6	28.2
25	27.8	14.0	18.0	27.8	16.8	20.6	3.1	20.4	32.2	21.6	30.0	23.0	28.2
26	28.2	14.6	17.0	27.0	15.6	19.8	3.4	20.6	32.2	21.8	31.0	23.0	28.4
27	27.2	13.6	17.2	27.0	16.4	20.2	3.3	20.0	32.0	22.0	30.8	22.8	28.4
28	27.6	14.0	17.6	27.4	16.4	20.0	3.5	21.0	32.0	22.4	30.8	23.0	28.6
29	27.8	13.6	17.4	27.0	16.0	20.4	3.3	20.6	32.4	21.8	30.0	22.6	28.2
30	28.0	13.4	16.6	27.2	15.8	19.6	3.7	20.6	32.2	21.6	30.0	22.8	28.4
31	27.8	12.4	17.0	27.6	16.2	20.8	3.3	20.6	31.8	21.4	30.0	22.8	29.0
Mean	27.4	14.1	17.6	26.9	16.3	20.1	3.2	20.3	31.4	21.5	29.8	22.5	28.3
Weekly mean													
Std.Week No: (1 Jan. 1 - Jan. 7) No. of Days: 7													
Mean	26.8	14.8	17.5	26.2	16.3	20.1	3.0	20.2	30.8	21.3	29.3	22.1	28.1
Std.Week No: 2 (Jan. 8 - Jan.14) No. of Days: 7													
Mean	27.3	14.9	18.3	27.0	16.5	20.1	3.2	20.3	31.8	21.5	30.2	22.5	28.5
Std.Week No: 3 (Jan. 15 - Jan.21) No. of Days: 7													
Mean	27.8	13.3	17.7	27.1	16.3	20.1	3.2	20.3	31.1	21.4	29.4	22.6	28.3
Std.Week No: 4 (Jan.22 - Jan. 28) No. of Days: 7													
Mean	27.6	14.0	17.2	27.1	16.0	20.1	3.3	20.4	31.8	21.7	30.3	22.8	28.2

PART II

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

Month: January
 Year : 2018

Date	Humidity				Mean Wind			Bright	Cloud	Rainfall (mm)	Pan	
	Vap. Pr.		Rel. Hum.		Speed	Direction		SSH	Amount		Evap.	
	(mm)	Hg.	%		(Km/day)				(Octas)		(mm)	
	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	12.1	21.5	94	54	4.1	50	50	9.6	0	0	0.0	4.6
2	15.3	19.0	96	53	1.8	140	90	8.7	0	0	0.0	4.8
3	14.0	20.3	85	59	4.9	50	90	7.8	0	0	0.0	5.2
4	13.5	19.4	88	54	4.5	90	90	4.9	0	0	0.0	4.8
5	12.5	19.5	83	58	6.2	90	140	7.3	0	0	0.0	5.8
6	11.9	20.0	84	55	3.5	140	140	9.3	0	0	0.0	4.6
7	13.7	18.7	88	57	6.8	140	50	9.1	0	0	0.0	4.4
8	10.6	19.3	78	54	2.2	140	90	9.0	0	0	0.0	5.2
9	11.7	20.2	86	56	8.8	90	50	9.6	0	0	0.0	4.8
10	12.6	19.4	83	49	8.3	50	140	6.9	3	0	0.0	4.4
11	13.1	19.5	77	51	6.8	140	90	8.4	0	2	0.0	4.8
12	14.7	19.3	87	50	8.1	90	140	9.4	3	0	0.0	4.4
13	14.6	19.3	85	49	4.5	140	90	6.1	0	0	0.0	4.6
14	15.1	19.8	87	51	5.2	90	90	7.9	0	0	0.0	5.0
15	14.7	19.2	84	49	6.3	90	50	9.7	0	0	0.0	4.6
16	14.4	20.2	89	53	5.1	50	90	10.0	0	0	0.0	5.0
17	13.8	19.4	94	51	5.6	90	90	7.8	0	0	0.0	4.8
18	12.5	19.6	86	51	5.6	90	140	8.9	0	0	0.0	4.6
19	11.4	20.0	84	51	6.2	140	90	10.0	0	0	0.0	4.2
20	12.5	19.0	86	49	6.6	90	90	10.2	0	0	0.0	4.4
21	12.4	20.5	81	55	4.1	90	90	9.6	0	0	0.0	5.6
22	11.2	20.9	86	53	4.2	140	90	9.6	0	0	0.0	4.8
23	13.1	19.7	90	51	5.2	90	90	8.5	0	0	0.0	4.8
24	13.7	19.6	88	51	3.0	90	140	8.7	0	0	0.0	5.0
25	13.7	20.3	88	51	3.4	140	50	7.8	0	0	0.0	4.4
26	12.5	19.6	86	50	4.1	50	90	8.7	0	0	0.0	4.8
27	13.5	19.9	92	52	5.7	90	90	9.6	0	0	0.0	4.2
28	13.3	19.5	88	49	6.2	90	50	9.4	0	0	0.0	4.8
29	12.9	20.4	86	54	5.3	50	50	8.4	0	0	0.0	5.0
30	13.0	19.2	92	48	8.9	90	90	10.0	0	0	0.0	5.2
31	13.4	21.0	92	53	5.4	90	90	9.4	0	0	0.0	4.4
Mean	13.1	19.8	87	52	5.4	..	..	8.7	0	0	0.0	4.8
Weekly mean												
Std.Week No: (1 Jan. 1 - Jan. 7) No. of Days: 7												
Mean	13.3	19.8	88	56	4.5	..	..	8.1	0	0	0.0	4.9
Std.Week No: 2 (Jan. 8 - Jan.14) No. of Days: 7												
Mean	13.2	19.5	83	51	6.3	..	..	8.2	1	0	0.0	4.7
Std.Week No: 3 (Jan.15 - Jan.21) No. of Days: 7												
Mean	13.1	19.7	86	51	5.6	..	..	9.5	0	0	0.0	4.7
Std.Week No: 4 (Jan.22 - Jan.28) No. of Days: 7												
Mean	13.0	19.9	88	51	4.5	..	..	8.9	0	0	0.0	4.7

PART- I													
District: Bengaluru				Lat : 13° 05' N				Month: February					
State : Karnataka				Long: 77° 34' E				Year : 2018					
				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	0830	0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT	IST	LMT	LMT	LMT	LMT	LMT	LMT
1	28.0	7.8	18.0	28.0	16.6	20.6	2.6	20.6	32.0	22.0	30.2	22.8	28.8
2	28.2	12.2	18.0	27.8	16.4	20.0	3.1	20.6	31.8	21.8	30.0	22.4	28.0
3	28.4	13.2	17.6	27.4	15.8	20.4	3.4	20.6	32.0	21.2	30.6	22.6	28.0
4	27.8	12.2	16.8	27.0	15.0	20.0	3.2	20.2	31.6	22.0	30.0	23.0	28.6
5	27.2	10.8	15.4	27.8	14.0	20.8	3.0	19.8	32.0	21.0	30.8	22.6	28.4
6	28.6	15.6	19.0	28.8	17.2	20.8	3.6	20.6	33.4	21.8	30.6	23.0	28.8
7	29.6	19.2	21.2	27.8	20.0	20.8	3.8	21.0	31.1	22.6	30.0	23.2	28.2
8	28.4	18.0	19.4	27.6	18.0	21.0	3.1	21.0	31.8	21.8	30.0	22.6	28.0
9	28.6	16.6	20.8	28.8	19.4	21.2	2.8	20.8	31.6	22.0	30.6	23.2	28.0
10	30.2	18.0	20.4	28.8	20.0	21.0	3.3	20.6	32.0	21.2	30.4	22.4	29.2
11	30.2	16.6	18.8	28.0	17.2	20.6	3.7	20.0	31.6	21.0	29.8	22.6	28.0
12	29.2	16.6	19.4	28.0	17.8	20.0	3.9	20.8	32.4	21.6	30.2	22.8	28.6
13	28.8	18.6	18.8	27.8	17.0	20.2	4.0	20.0	32.0	21.6	30.0	23.0	28.2
14	29.0	16.8	18.0	28.0	16.8	20.8	3.8	20.8	32.4	21.6	30.2	22.8	28.2
15	28.8	16.0	17.4	28.0	16.0	20.6	4.0	21.0	32.8	22.4	30.2	22.8	28.6
16	29.0	16.8	19.8	28.6	17.8	20.8	3.9	21.2	32.0	22.8	30.6	23.0	28.4
17	29.8	14.6	16.4	28.8	15.0	21.0	3.6	21.6	32.4	21.8	30.8	22.8	28.8
18	29.8	15.2	19.8	29.0	18.0	21.2	3.5	20.8	33.0	22.0	31.0	23.0	28.6
19	30.2	15.4	20.0	29.6	18.4	20.6	4.0	20.6	32.8	21.8	30.8	23.0	29.0
20	30.2	15.4	20.0	29.0	18.6	21.0	3.9	20.6	32.6	22.0	30.8	23.4	29.0
21	30.2	13.8	18.8	28.8	17.2	20.6	3.9	21.0	32.6	22.2	30.8	23.0	29.2
22	30.0	15.4	19.0	30.0	16.8	21.2	4.0	21.0	33.2	22.4	30.8	23.0	28.8
23	31.8	15.8	18.0	28.8	15.4	20.8	4.4	21.4	32.8	22.0	30.0	22.8	28.4
24	29.4	14.0	14.8	29.0	14.0	21.2	3.9	20.6	33.6	21.8	30.8	22.8	29.0
25	30.0	15.4	19.0	28.8	18.2	21.0	4.0	21.4	33.8	22.6	32.0	23.4	30.6
26	30.2	15.6	20.0	29.0	18.4	21.0	4.1	20.8	33.0	21.6	31.0	22.6	28.6
27	30.8	15.8	19.8	30.0	18.6	20.8	4.0	20.6	33.2	22.4	30.2	23.0	28.8
28	31.4	16.0	20.4	30.2	18.8	21.2	4.2	20.8	32.8	22.0	30.0	23.6	28.4
Mean	29.4	15.3	18.7	28.5	17.2	20.8	3.7	20.7	32.4	21.9	30.5	22.9	28.6
Std.Week No: 6 (Feb 5 - Feb 11) No. of Days: 7													
Mean	29.0	16.4	19.3	28.2	18.0	20.9	3.3	20.5	31.9	21.6	30.3	22.8	28.4
Std.Week No:7 (Feb12 - Feb 18) No. of Days: 7													
Mean	29.2	16.4	18.5	28.3	16.9	20.7	3.8	20.9	32.4	22.0	30.4	22.9	28.5
Std.Week No: 8 (Feb 19 - Feb 25) No. of Days: 7													
Mean	30.3	15.0	18.5	29.1	16.9	20.9	4.0	20.9	33.1	22.1	30.9	23.1	29.1

PART II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

Month : February

Year : 2018

II---> 1400 Hours LMT = 1420 IST

Date	Humidity				Mean Wind			Bright	Cloud		Rainfall (mm)	Pan
	Vap. Pr.	Rel. Hum.			Speed	Direction		SSH	Amount			Evap.
	(mm) Hg.	%			(Km/day)				(Octas)			(mm)
	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	13.4	20.4	87	50	5.7	50	90	9.5	0	0	0.0	4.6
2	13.1	19.5	85	47	4.9	90	140	10.6	0	0	0.0	4.8
3	12.5	20.5	83	52	7.9	140	90	10.5	0	0	0.0	4.8
4	11.8	20.3	82	51	7.1	90	50	10.5	0	0	0.0	5.2
5	11.2	22.2	86	52	5.7	50	90	10.8	0	0	0.0	3.8
6	13.7	20.4	83	47	7.4	90	140	10.6	0	0	0.0	5.4
7	16.9	18.9	89	52	6.6	140	90	9.2	0	2	0.0	5.6
8	14.7	20.3	87	54	6.8	90	140	2.5	3	0	0.0	4.6
9	16.1	19.9	88	49	3.5	140	320	3.8	0	3	0.0	5.2
10	17.3	19.2	96	48	3.5	320	140	6.5	4	0	3.0	4.6
11	13.8	20.1	85	50	6.8	140	140	8.5	2	0	0.0	5.0
12	14.4	18.8	85	46	10.3	140	140	8.9	0	0	0.0	5.2
13	13.5	19.5	83	48	8.7	140	140	9.2	0	2	0.0	4.8
14	13.7	20.6	88	51	8.3	140	90	9.3	2	0	0.0	5.0
15	12.9	20.7	86	50	10.5	90	90	10.0	3	0	0.0	5.4
16	14.2	20.1	82	48	9.3	50	50	9.8	0	2	0.0	5.2
17	12.0	22.0	86	48	4.9	50	140	10.8	2	0	0.0	5.6
18	14.5	20.7	84	48	5.4	140	90	9.2	0	0	0.0	5.8
19	15.0	19.4	85	42	8.9	90	90	10.7	0	0	0.0	6.2
20	15.3	20.0	87	47	8.6	90	50	10.6	0	0	0.0	6.2
21	13.8	20.1	85	46	8.9	50	50	10.6	0	0	0.0	6.4
22	13.1	21.3	80	44	8.7	320	270	10.4	0	0	0.0	6.2
23	11.7	21.4	76	47	9.1	270	90	11.0	0	0	0.0	7.2
24	11.6	22.9	91	48	9.2	90	90	10.6	0	0	0.0	7.8
25	15.2	20.2	92	48	9.2	90	90	10.5	0	0	0.0	7.8
26	15.0	20.1	85	47	9.2	90	90	10.6	0	0	0.0	8.2
27	15.4	19.6	89	42	6.4	90	90	11.0	0	0	0.0	8.2
28	15.4	20.2	86	43	8.2	90	90	10.8	0	0	0.0	7.8
Mean	14.0	20.3	86	48	7.5	..	..	9.5	1	0	3.0	5.8
Std.Week No: 6 (Feb 5 - Feb 11) No. of Days: 7												
Mean	14.8	20.1	87.7	50.4	5.8			7.4	1.3	0.7	3.0	4.9
Std.Week No:7 (Feb12 - Feb 18) No. of Days: 7												
Mean	13.6	20.3	85.0	48.6	8.2			9.6	1.0	0.6	0.0	5.3
Std.Week No: 8 (Feb 19 - Feb 25) No. of Days: 7												
Mean	13.7	20.8	85.3	46.2	8.9			10.6	0.0	0.0	0.0	6.8

District : Bengaluru
State : Karnataka

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

Month : March
Year: 2018

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		0830	0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT		IST	LMT	LMT	LMT	LMT	LMT	LMT
1	31.4	14.8	18.8	30.6	17.4	21.4	3.7	20.8	34.2	21.2	32.8	22.6	30.4	
2	32.0	16.6	20.4	29.8	18.0	21.2	4.0	21.0	33.6	22.4	30.8	23.6	28.4	
3	32.0	14.0	20.6	29.0	17.8	21.4	3.7	21.2	33.4	22.0	30.0	22.8	28.8	
4	31.8	13.6	20.0	30.2	17.8	21.8	3.6	21.6	34.0	23.4	31.8	24.0	30.0	
5	32.0	14.6	20.8	31.4	15.8	16.0	4.0	21.8	36.4	22.4	31.2	23.6	30.8	
6	32.6	13.2	20.0	32.6	14.0	16.0	3.8	21.6	36.6	23.0	30.0	24.4	29.0	
7	32.8	12.0	19.0	31.0	14.8	16.6	3.8	21.6	36.8	22.4	32.6	23.8	30.0	
8	32.0	15.6	18.8	31.0	14.6	17.6	4.1	21.2	36.8	22.6	33.0	23.6	30.0	
9	32.2	13.6	20.8	31.6	16.0	18.0	3.9	22	36.6	23.8	33.2	24.6	31.6	
10	32.6	15.8	20.6	30.8	16.2	17.6	4.3	22.2	36.8	23.8	34.6	24.4	31.2	
11	31.6	17.4	20.8	31.4	16.8	17.8	4.2	22.4	37.4	23.6	33.4	24.8	30.0	
12	32.8	18.0	20.6	30.6	18.4	17.8	5.1	22.4	37.0	23.8	32.2	24.6	30.0	
13	32.0	18.6	20.4	30.8	18.6	20.0	4.5	23.0	36.6	23.8	32.8	24.8	30.6	
14	31.2	21.6	23.0	30.0	19.8	18.8	5.0	24.4	37.4	25.2	33.0	26.0	30.0	
15	31.2	21.6	22.4	30.0	20.8	20.4	4.4	25.6	38.8	27.0	34.6	28.4	31.8	
16	30.8	19.8	21.2	29.2	20.2	21.8	3.7	23.8	32.2	24.8	30.0	25.6	29.6	
17	30.4	18.2	20.2	27.2	19.8	21.6	3.4	21.8	30.2	22.4	29.6	23.8	29.0	
18	29.0	20.0	21.2	28.8	20.0	20.8	3.4	22.0	34.2	23.4	33.0	24.4	30.0	
19	29.6	17.2	21.0	30.2	19.6	16.6	3.8	21.2	36.0	22.8	34.6	23.8	33.0	
20	31.0	17.4	21.2	30.8	19.4	21.2	3.8	22.0	35.6	23.4	33.0	24.6	30.2	
21	32.4	18.4	22.0	31.2	20.8	20.8	3.8	22.4	36.4	23.8	35.0	24.6	31.6	
22	32.6	18.4	21.8	30.8	19.8	20.8	3.9	24.0	37.0	25.6	34.8	26.8	32.6	
23	32.2	20.4	23.4	31.8	20.8	21.6	4.0	24.2	37.6	25.8	35.0	26.8	33.0	
24	33.6	21.0	23.4	31.0	21.2	21.4	4.4	24.8	37.4	26.6	35.2	27.8	33.0	
25	32.8	20.8	23.0	31.8	21.2	21.6	4.2	23.8	38.0	24.8	34.8	26.6	31.8	
26	33.2	19.4	22.8	32.6	20.8	21.4	4.5	24.8	37.4	25.8	35.0	27.0	33.2	
27	33.6	19.4	22.4	32.2	20.8	21.8	4.4	24.6	37.6	26.8	35.0	28.0	33.0	
28	33.2	19.2	23.0	32.0	21.2	21.2	4.2	24.0	37.8	26.2	35.4	27.8	33.2	
29	32.8	20.0	23.2	31.8	21.0	21.2	4.1	24.4	38.0	26.4	35.4	28.0	33.0	
30	32.6	20.8	23.4	32.0	20.8	21.0	4.0	25.4	37.8	26.8	35.4	28.0	33.4	
31	33.0	17.2	22.2	30.8	20.0	20.6	3.7	23.8	36.6	24.8	36.0	26.6	33.2	
Mean	32.0	17.7	21.4	30.8	18.8	19.9	4.1	22.9	36.2	24.2	33.3	25.4	31.1	
Weekly mean														
Std.Week No:10 (Mar 5 - Mar 11) No. of Days: 7														
Mean	32.3	14.6	20.1	31.4	15.5	17.1	4.0	21.8	36.8	23.1	32.6	24.2	30.4	
Std.Week No:11 (Mar 12 - Mar 18) No. of Days: 7														
Mean	31.1	19.7	21.3	29.5	19.7	20.2	4.2	23.3	35.2	24.3	32.2	25.4	30.1	
Std.Week No:12 (Mar 19 - Mar 25) No. of Days: 7														
Mean	32.0	19.1	22.3	31.1	20.4	20.6	4.0	23.2	36.9	24.7	34.6	25.9	32.2	
Std.Week No:13 (Mar 26 - Apr 1) No. of Days: 7														
Mean	33.1	19.3	22.8	31.9	20.8	21.2	4.2	24.5	37.5	26.1	35.4	27.6	33.2	

PART II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month : March

Year: 2018

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount (Octas)		Rainfall (mm)	Pan Evap. (mm)
	Vap. (mm)	Pr. Hg.	Rel. Hum. %		Speed (Km/hr)	Direction			0700	1400		
	0700	1400	0700	1400	0700	0700	1400					
	LMT	LMT	LMT	LMT	LMT	LMT	LMT					
1	14.1	21.3	87	43	8.4	50	90	10.0	0.0	0.0	0.0	7.6
2	14.2	20.7	79	45	7.3	90	50	10.5	0.0	0.0	0.0	8.6
3	13.7	21.1	76	50	8.7	50	50	9.6	0.0	0.0	0.0	8.0
4	14.1	21.8	80	46	6.4	230	90	10.7	0.0	0.0	0.0	8.2
5	10.7	13.7	58	15	7.8	90	90	9.8	0.0	0.0	0.0	8.4
6	8.7	14.7	50	12	7.1	90	50	10.0	0.0	0.0	0.0	10.2
7	10.3	15.2	63	19	7.7	140	90	10.2	0.0	0.0	0.0	7.8
8	10.2	16.7	62	23	8.4	90	140	10.3	0.0	0.0	0.0	7.8
9	11.0	16.6	60	23	7.5	140	90	9.7	0.0	0.0	0.0	9.2
10	11.4	15.9	63	23	8.3	90	90	9.4	0.0	0.0	0.0	8.6
11	12.1	15.8	66	23	7.0	90	90	8.5	0.0	0.0	0.0	8.0
12	14.7	15.0	81	25	11.4	90	140	9.8	0.0	0.0	0.0	9.4
13	15.1	18.3	84	35	8.6	50	140	9.5	0.0	0.0	0.0	8.0
14	15.6	15.7	74	32	10.3	140	140	8.3	4.0	3.0	0.0	7.4
15	17.5	17.8	86	40	8.5	140	140	5.4	3.0	2.0	0.0	6.4
16	17.2	20.5	91	51	5.7	140	230	6.9	2.0	2.0	15.0	7.2
17	17.1	20.3	96	60	5.4	50	140	6.8	3.0	4.0	33.2	6.0
18	16.9	18.9	89	47	5.3	140	50	5.6	0.0	2.0	0.0	8.4
19	16.3	12.5	88	21	7.0	50	140	8.3	0.0	0.0	0.0	6.8
20	15.9	19.9	84	41	6.2	140	140	9.2	0.0	0.0	0.0	7.0
21	17.8	18.4	90	37	3.6	230	230	9.1	0.0	2.0	0.0	6.4
22	16.2	19.0	83	39	5.4	230	140	9.0	2.0	0.0	0.0	7.0
23	17.0	19.8	79	39	4.6	320	230	8.2	0.0	0.0	0.0	6.4
24	17.7	19.2	82	41	4.8	230	90	9.2	2.0	0.0	0.0	8.0
25	17.9	19.6	85	39	6.3	90	90	6.5	0.0	0.0	0.0	7.0
26	17.3	19.4	83	35	8.4	90	140	8.7	0.0	0.0	0.0	8.8
27	17.5	20.1	86	38	7.2	140	140	8.2	2.0	0.0	0.0	7.6
28	17.9	18.9	85	36	6.5	140	230	7.4	0.0	0.0	0.0	9.0
29	17.4	19.0	82	37	4.2	230	230	8.4	0.0	0.0	0.0	8.2
30	17.0	18.8	79	35	4.3	230	230	6.2	3.0	2.0	0.0	7.8
31	16.3	18.5	81	38	4.7	230	230	5.7	0.0	0.0	14.0	7.0
Mean	15.1	18.2	78	35	6.9	..	..	8.6	1	1	62.2	7.8
Weekly mean												
Std.Week No:10 (Mar 5 - Mar 11) No. of Days: 7												
Mean	10.6	15.5	60	20	7.7	...	...	9.7	0.0	0.0	0.0	8.6
Std.Week No:11 (Mar 12 - Mar 18) No. of Days: 7												
Mean	16.3	18.1	86	41	7.9	...	...	7.5	1.7	1.9	6.9	7.5
Std.Week No:12 (Mar 19 - Mar 25) No. of Days: 7												
Mean	17.0	18.3	84	37	5.4	...	...	8.5	0.6	0.3	0.0	6.9
Std.Week No:13 (Mar 26 - Apr 1) No. of Days: 7												
Mean	17.2	19.1	83	37	5.9	...	..	7.4	0.8	0.3	14.0	8.1

Note: Rainfall is in total

DISTRICT	TALUKNAME	HOBLINAME	STATION_ID	DATE	MIN_TEMP	MAX_TEMP	MIN_RH	MAX_RH	MIN_WS	MAX_WS	Rainfall in mm	LAT	LONG
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	01-04-18	17.8	33.6	44.5	99.6	0	2.3	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	02-04-18	21.5	33.3	43.4	95	0	1.6	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	03-04-18	17.7	33.6	41.3	99.6	0	2.2	0.5	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	04-04-18	19.6	33.1	37.6	99.6	0	1.5	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	05-04-18	17.7	33.1	32.8	95.4	0	1.8	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	06-04-18	17.7	33	33.4	95.8	0	1.5	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	07-04-18	18.4	34.1	29.7	90.6	0	1.8	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	08-04-18	19.3	32.9	39	96	0	2.4	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	09-04-18	19.2	32.9	33.1	99.6	0.2	1.8	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	10-04-18	18.5	32.4	38.4	99.6	0	1.7	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	11-04-18	20.9	33.1	37.8	96.8	0.1	1.6	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	12-04-18	19.7	33.2	33.5	99.7	0	1.4	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	13-04-18	21	34.2	36.4	96.6	0	1.7	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	14-04-18	21.1	34.2	34.8	99.6	0	1.6	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	15-04-18	23	35	35.8	89.9	0	2	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	16-04-18	22.4	34	42.8	91.3	0	1.6	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	17-04-18	20.5	34.6	40.9	99.7	0	1.7	13	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	18-04-18	20.9	34.1	36.6	97.1	0	1.6	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	19-04-18	22.9	35.5	35.1	99.6	0	1.7	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	20-04-18	21.7	33.8	46.9	83.4	0	1.2	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	21-04-18	22.3	35.7	37.8	81.4	0	2.5	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	22-04-18	22.4	36.4	37	95.2	0	1.3	0.5	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	23-04-18	19.2	35	45	99.6	0	2	2.5	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	24-04-18	20.9	34.9	39.1	89	0	1.4	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	25-04-18	19.8	36.2	44.8	99.7	0	3.2	4.5	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	26-04-18	21.2	34.8	43	99.6	0	1.2	5.5	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	27-04-18	19	34.9	44.9	99.6	0	1.5	2.5	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	28-04-18	21	34.4	32.6	99.6	0	2	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	29-04-18	19.8	34.1	35.1	99.6	0	1.9	0	13.10271141	77.59680462
BENGALURU URBAN	BENGALURU NORTH	YELAHANKA	1050	30-04-18	21.7	35.5	39.3	99.6	0	1.5	1.5	13.10271141	77.59680462

District: Bengaluru
State : Karnataka

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

Month: May
Year : 2018

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	35.0	20.5	21.8	32.6	21.0	21.0	5.1	26.0	34.2	27.2	32.0	28.0	30.0	
2	33.8	20.0	22.0	31.6	20.8	21.4	4.3	24.6	33.8	25.8	31.8	26.8	30.0	
3	32.8	20.2	21.8	30.0	20.4	21.0	4.2	23.6	34.0	24.6	31.8	25.8	29.6	
4	32.2	18.6	21.8	29.0	20.4	20.8	4.1	22.0	34.2	23.4	33.0	24.8	30.8	
5	30.6	18.4	23.4	30.6	21.8	21.2	3.7	23.8	35.8	24.6	33.2	25.8	31.8	
6	31.6	21.0	23.0	31.6	21.2	21.4	4.2	24.4	36.0	25.8	34.0	26.8	33.6	
7	32.2	21.0	24.0	32.8	22.4	22.0	4.3	25.6	35.6	27.0	32.0	27.8	30.0	
8	33.8	22.6	24.6	31.2	22.6	20.8	5.1	26.0	34.6	27.8	33.0	28.4	30.2	
9	32.6	20.2	23.8	30.2	21.6	21.8	4.0	26.2	36.8	27.8	34.0	28.8	33.4	
10	31.8	21.6	23.4	32.0	21.4	22.6	4.2	27.6	35.6	28.0	32.0	29.4	30.6	
11	32.6	18.8	22.6	30.8	20.8	21.8	3.8	23.6	34.6	24.6	31.8	26.0	30.0	
12	31.6	19.6	20.2	30.2	19.8	21.8	3.8	21.8	34.0	22.0	32.0	23.4	31.0	
13	31.8	19.8	22.8	31.0	21.4	22.0	4.2	22.8	36.0	24.0	34.6	26.0	32.8	
14	32.0	20.2	23.8	30.0	21.0	21.6	3.9	24.0	32.8	25.4	30.0	26.0	29.0	
15	30.8	19.6	22.0	30.0	20.8	20.8	3.5	23.8	32.0	24.4	30.0	25.0	28.6	
16	30.6	20.0	22.4	31.0	20.8	21.0	3.7	24.0	36.0	25.6	33.0	26.0	31.8	
17	31.6	20.2	23.4	31.6	21.4	20.8	3.8	24.6	36.6	26.0	34.0	26.8	32.8	
18	31.8	20.4	23.8	31.0	21.4	22.4	4.0	25.6	36.8	26.6	34.0	27.8	33.0	
19	31.6	19.2	23.0	31.2	21.0	21.4	3.4	24.0	34.0	25.4	32.6	26.0	30.8	
20	32.8	19.8	23.0	31.8	20.8	21.6	4.3	22.8	34.2	24.0	32.4	25.4	30.0	
21	32.4	19.0	22.4	29.4	20.8	21.0	4.1	22.4	31.0	23.6	28.8	25.0	27.6	
22	29.8	19.4	22.4	30.4	20.8	20.6	3.5	22.6	31.6	23.6	30.0	24.8	28.4	
23	31.2	21.0	24.0	30.0	21.6	21.2	4.1	25.0	31.6	26.6	30.0	27.8	27.8	
24	31.6	19.4	22.6	30.8	21.4	21.2	3.7	22.4	31.0	23.8	30.0	25.0	28.8	
25	31.0	21.0	23.4	29.0	22.0	20.8	4.1	25.2	31.6	26.8	30.0	27.4	28.8	
26	29.8	20.0	22.6	28.8	21.0	21.8	3.3	22.0	32.4	23.6	30.2	24.0	29.0	
27	30.0	21.4	23.4	28.8	21.6	21.4	3.5	24.0	33.0	25.6	31.0	26.4	30.0	
28	30.6	20.8	23.4	31.2	21.6	22.0	4.0	23.6	34.6	24.4	33.0	26.8	30.6	
29	32.2	21.2	23.8	29.2	22.0	21.8	4.8	25.6	36.6	26.8	35.0	27.4	33.0	
30	30.2	20.2	23.2	29.0	21.6	21.2	4.9	25.2	34.0	26.6	32.8	27.6	31.0	
31	29.2	19.0	23.0	29.6	21.4	21.6	3.6	23.0	34.4	24.0	32.6	25.0	30.0	
Mean	31.7	20.1	22.9	30.5	21.2	21.4	4.0	24.1	34.2	25.3	32.1	26.4	30.5	
Weekly mean														
Std. Week No:19 (May 7- May 13) No. of Days: 7														
Mean	32.3	20.5	23.1	31.2	21.4	21.8	4.2	24.8	35.3	25.9	32.8	27.1	31.1	
Std. Week No:20 (May 14 - May 20) No. of Days: 7														
Mean	31.6	19.9	23.1	30.9	21.0	21.4	3.8	24.1	34.6	25.3	32.3	26.1	30.9	
Std. Week No: 21 (May21 - May 27) No. of Days: 7														
Mean	30.8	20.2	23.0	29.6	21.3	21.1	3.8	23.4	31.7	24.8	30.0	25.8	28.6	
Std. Week No:22 (May 28 - June 3) No. of Days: 7														
Mean	30.6	20.3	23.4	29.8	21.7	21.7	4.3	24.4	34.9	25.5	33.4	26.7	31.2	

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month: May

Year : 2018

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					
1	18.2	12.2	93	33	8.1	320	230	7.8	2	0	3.6	6.6
2	17.8	13.5	90	39	6.3	230	140	6.5	2	2	0.0	4.8
3	17.2	13.7	88	43	6.1	140	140	7.2	2	3	26.8	4.8
4	17.2	13.9	88	46	7.7	140	230	6.7	0	0	14.8	4.6
5	18.7	13.7	87	42	4.1	230	230	9.7	3	0	0.0	6.6
6	17.9	13.5	85	39	4.5	230	270	8.6	0	3	0.0	6.5
7	19.4	13.8	87	37	4.6	270	270	9.8	6	2	0.0	6.0
8	19.5	12.7	84	37	6.2	270	270	9.8	3	3	0.0	5.6
9	18.1	14.9	82	46	6.1	270	270	5.3	2	2	0.0	5.4
10	18.0	15.3	83	43	7.2	270	50	5.8	3	3	0.0	5.6
11	17.4	14.6	85	44	4.9	140	230	6.1	2	2	43.2	5.0
12	17.1	14.9	96	46	3.8	230	230	8.7	2	2	11.8	5.2
13	18.3	14.8	88	44	4.6	230	270	11.0	0	2	0.0	6.6
14	17.1	14.7	77	46	4.5	270	315	6.9	0	3	0.0	5.8
15	17.8	13.3	90	42	4.0	320	140	5.2	3	2	6.8	3.8
16	17.5	13.1	86	39	3.8	230	230	7.6	0	3	0.0	5.4
17	18.0	12.4	83	36	2.7	230	45	7.9	0	2	0.0	5.6
18	17.8	15.5	80	46	4.3	270	270	8.2	2	2	0.0	5.4
19	17.5	13.7	83	40	3.6	230	230	3.1	0	2	13.8	3.2
20	17.2	13.7	82	39	5.1	230	230	8.0	0	2	6.8	4.8
21	17.5	14.0	86	46	4.3	230	230	8.5	2	3	4.8	4.6
22	17.5	12.8	86	39	4.6	230	320	4.4	0	2	0.4	4.0
23	18.0	14.0	81	44	2.8	230	320	9.8	0	3	0.0	5.8
24	18.4	13.6	90	41	4.2	320	320	6.0	0	2	27.2	5.0
25	19.1	13.9	88	46	3.7	230	230	8.6	2	3	0.0	5.6
26	17.8	15.7	86	53	4.7	230	230	3.1	3	2	18.2	4.0
27	18.4	15.0	85	51	3.4	230	230	4.0	2	0	0.0	4.6
28	18.4	14.7	85	43	4.0	230	270	8.4	0	2	0.0	5.0
29	18.8	15.5	85	51	6.5	270	230	10.6	3	2	0.0	5.6
30	18.5	14.6	87	48	9.3	270	270	11.7	2	2	0.0	4.8
31	18.2	14.9	87	48	7.2	230	230	5.2	2	2	51.2	4.8
Mean	18.0	14.1	86	43	5.1	..	..	7.4	2	2	229.4	5.2
Weekly mean												
Std. Week No:19 (May 7- May 13) No. of Days: 7												
Mean	18.3	14.4	86.4	42.4	5.3	...	....	8.1	3	2	55.0	5.6
Std. Week No:20 (May 14 - May 20) No. of Days: 7												
Mean	17.6	13.8	83.0	41.1	4.0	....	....	6.7	1	2	27.4	4.9
Std. Week No: 21 (May21 - May 27) No. of Days: 7												
Mean	18.1	14.1	86.0	45.7	4.0	....	....	6.3	1	2	50.6	4.8
Std. Week No:22 (May 28 - June 3) No. of Days: 7												
Mean	18.5	14.9	86.0	47.5	6.8	....	....	9.0	2	2	51.2	5.1

District: Bengaluru
State: Karnataka

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

Month : June
Year : 2018

Date	Air Temperature °C							Soil Temperature °C						
	Max.	Min.	Dry	Dry	Wet	Wet	PET (mm)	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	30.2	21.0	23.4	29.0	21.2	21.6	3.9	24.6	33.8	25.0	31.6	26.0	30.0	
2	30.8	19.4	22.6	27.8	21.4	21.0	3.2	23.8	32.8	23.8	31.8	25.8	30.8	
3	28.6	19.8	22.0	28.4	20.8	21.2	3.2	21.8	31.8	22.0	30.0	23.0	30.0	
4	30.0	20.0	22.4	27.6	21.0	21.6	3.5	21.4	31.8	22.6	30.0	23.0	28.8	
5	28.6	20.4	23.6	29.0	21.4	21.4	3.3	23.6	34.0	24.0	32.8	25.6	30.2	
6	30.2	21.0	22.8	28.6	21.4	21.2	4.5	23.8	33.6	24.6	32.0	25.0	30.0	
7	30.0	20.8	23.2	28.0	21.4	21.2	4.0	24.0	31.2	25.2	30.0	26.0	28.6	
8	28.4	20.8	21.8	27.0	20.6	21.0	4.0	22.0	32.4	23.4	30.0	24.0	28.6	
9	27.4	20.0	21.2	24.8	20.6	20.8	3.2	22.0	30.0	23.0	27.6	23.2	26.6	
10	25.0	19.8	20.8	26.0	20.2	21.2	2.6	21.6	28.8	22.0	27.0	22.8	26.0	
11	26.8	19.6	22.2	26.2	21.0	20.8	3.1	21.4	29.0	22.0	27.6	23.0	26.4	
12	26.8	20.2	22.0	28.6	20.8	20.8	3.3	21.8	29.0	22.4	27.0	23.2	26.8	
13	29.2	19.8	22.0	28.4	21.0	21.2	3.7	22.0	28.0	22.8	26.6	23.6	26.0	
14	29.2	20.0	21.6	27.4	20.6	21.2	3.6	22.0	29.0	23.0	28.0	23.8	27.0	
15	28.0	19.6	22.2	29.6	21.0	21.2	3.2	23.0	30.0	24.0	28.6	24.6	27.4	
16	31.0	19.4	21.2	28.0	20.8	20.0	4.1	21.6	30.2	22.4	30.0	23.6	28.4	
17	30.0	19.8	21.6	28.8	20.6	21.2	3.9	22.6	32.6	23.2	30.0	24.0	28.6	
18	30.2	19.3	22.0	28.0	20.8	20.0	4.2	22.0	32.0	23.4	29.8	24.8	28.2	
19	29.8	19.4	21.6	28.2	20.6	21.2	4.5	23.4	32.6	24.0	31.0	25.6	29.8	
20	29.0	19.6	22.0	27.4	20.8	21.2	4.4	25.0	31.4	26.6	29.4	27.4	28.8	
21	28.0	20.0	22.0	28.0	20.8	20.8	4.0	23.8	32.2	23.8	31.6	24.4	30.0	
22	28.6	19.0	21.6	28.2	20.8	20.8	3.3	22.6	31.2	23.0	30.0	23.8	28.8	
23	28.6	19.4	22.0	28.0	21.0	20.8	3.4	22.4	31.6	23.6	30.0	24.4	28.4	
24	28.4	19.0	21.4	28.2	20.0	21.0	3.4	21.8	31.4	22.4	30.2	23.8	28.6	
25	28.8	18.8	22.4	27.2	21.2	20.8	3.6	22.4	30.0	23.8	28.0	25.0	28.0	
26	28.0	19.4	20.8	27.0	20.0	20.8	3.7	21.6	29.0	22.0	28.0	23.8	27.2	
27	28.6	19.4	21.0	26.6	20.0	20.6	4.2	21.4	27.8	23.8	27.0	24.4	26.6	
28	26.8	19.2	20.6	25.4	19.8	19.6	3.2	21.4	27.2	22.6	26.0	23.0	25.0	
29	25.6	19.2	20.4	27.0	20.0	20.2	3.1	21.0	29.0	22.0	27.8	23.4	27.0	
30	27.8	18.8	21.8	27.2	20.6	21.0	3.5	21.2	29.2	22.8	28.0	23.6	27.4	
Mean	28.6	19.7	21.9	27.7	20.7	20.9	3.6	22.4	30.8	23.3	29.2	24.3	28.1	
Weekly mean														
Std.Week No:23 (June 4 - June 10) No. of Days: 7														
Mean	28.5	20.4	22.3	27.3	20.9	21.2	3.6	22.6	31.7	23.5	29.9	24.2	28.4	
Std.Week No:24 (June 11 - June 17) No. of Days: 7														
Mean	28.7	19.8	21.8	28.1	20.8	20.9	3.5	22.1	29.7	22.8	28.3	23.7	27.2	
Std.Week No: 25 (June 18 - June 24) No. of Days: 7														
Mean	28.9	19.4	21.8	28.0	20.7	20.8	3.9	23.0	31.8	23.8	30.3	24.9	28.9	
Std.Week No:26 (June 25 - July 01) No. of Days: 7														
Mean	27.6	19.1	21.2	26.7	20.3	20.5	3.6	21.5	28.7	22.8	27.5	23.9	26.9	

PART II

Time of Observtation:
0700 Hours LMT = 0720 IST
1400 Hours LMT = 1420 IST

Month : June
Year : 2018

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					
	LMT	LMT	LMT	LMT	LMT	LMT	LMT					
1	17.7	15.2	82	51	4.4	230	270	10.0	3	2	0.0	5.0
2	18.4	14.9	90	53	4.2	270	230	4.5	0	2	11.0	4.6
3	17.8	14.9	90	51	4.0	230	230	5.4	6	3	4.2	4.2
4	17.9	16.0	88	58	5.8	270	270	6.0	3	2	0.0	4.4
5	17.9	14.9	82	50	7.0	230	230	3.6	3	3	0.0	4.6
6	18.3	14.8	88	50	7.7	230	230	11.6	6	3	0.0	5.6
7	18.1	15.1	85	53	9.3	230	230	7.8	3	3	0.0	4.6
8	17.5	15.3	90	57	12.9	230	230	6.0	6	6	0.0	5.4
9	17.9	16.2	95	69	12.1	230	230	2.0	8	6	0.0	3.2
10	17.4	16.2	95	64	10.5	230	230	0.2	7	5	0.4	3.0
11	18.0	15.4	90	61	11.4	230	270	2.2	7	6	4.2	2.8
12	17.8	14.1	90	48	11.6	270	230	1.6	4	4	0.0	4.4
13	18.1	14.9	91	51	11.4	230	230	4.0	6	4	0.0	3.8
14	17.6	15.4	91	56	9.7	230	230	4.8	8	3	0.0	4.0
15	18.0	14.2	90	46	8.6	230	230	2.8	4	3	0.0	4.2
16	18.2	13.1	96	46	7.6	230	230	8.9	2	3	5.2	4.4
17	17.6	14.7	91	49	7.1	230	230	8.0	3	3	0.0	4.4
18	17.8	13.1	90	46	10.1	230	230	8.2	3	2	0.0	4.2
19	17.6	15.0	91	52	12.1	230	230	10.6	2	3	0.0	5.6
20	17.8	15.4	90	56	12.3	230	230	10.3	3	4	0.0	5.4
21	17.8	14.4	90	51	12.6	230	230	6.1	6	4	0.0	5.0
22	18.0	14.3	93	50	9.5	230	230	2.6	3	3	0.0	5.0
23	18.1	14.4	91	51	8.0	230	230	3.9	4	3	0.8	4.0
24	16.8	14.7	88	51	7.6	230	270	4.3	3	3	3.8	4.4
25	18.2	14.9	90	55	9.9	270	270	5.3	2	3	0.0	4.8
26	17.1	15.0	93	56	10.6	270	230	5.4	3	3	0.0	4.0
27	17.0	14.9	91	57	12.8	270	270	7.2	6	4	0.0	4.2
28	16.9	13.9	93	57	10.7	230	230	0.3	6	4	0.0	3.8
29	17.3	14.0	96	52	8.3	230	270	0.0	6	3	0.0	3.2
30	17.5	15.2	90	56	7.5	230	230	3.3	2	3	0.0	4.2
Mean	17.7	14.8	90	54	9.2	..	..	5.2	4	3	29.6	4.3
Weekly mean												
Std.Week No:23 (June 4 - June 10) No. of Days: 7												
Mean	17.9	15.5	89	57	9.3	..	..	5.3	5	4	0.4	4.4
Std.Week No:24 (June 11 - June 17) No. of Days: 7												
Mean	17.9	14.6	91	51	9.6	..	..	4.6	5	4	9.4	4.0
Std.Week No: 25 (June 18 - June 24) No. of Days: 7												
Mean	17.7	14.5	90	51	10.3	..	..	6.6	3	3	4.6	4.8
Std.Week No:26 (June 25 - July 01) No. of Days: 7												
Mean	17.4	14.7	92	56	10.0	..	..	3.6	4	3	0.0	4.0

Note: Rainfall is in sum (total)

District : Bengaluru
State : Karnataka

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

Month : July
Year : 2018

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	27.4	19.8	21.6	27.4	20.8	21.2	3.3	23.0	29.8	23.6	28.0	23.4	27.0	
2	27.8	19.6	22.2	29.0	21.0	21.2	2.7	24.0	30.0	25.6	28.6	26.0	27.2	
3	30.2	19.8	21.0	28.8	20.2	21.0	4.1	22.8	30.4	23.6	28.8	24.4	27.6	
4	30.0	19.4	22.0	28.0	20.8	21.2	3.9	25.0	31.6	26.0	28.0	26.8	27.8	
5	29.0	18.0	22.0	28.8	20.8	21.4	3.3	24.6	32.0	25.8	30.8	26.8	29.0	
6	29.6	19.2	20.6	26.6	20.0	20.8	4.2	24.0	29.0	24.6	28.6	27.0	28.0	
7	26.6	20.2	22.4	26.6	21.0	20.8	3.1	23.6	28.8	24.4	27.0	25.8	26.0	
8	27.0	19.6	21.0	27.0	20.6	21.0	2.9	21.8	29.0	22.0	27.8	23.4	26.8	
9	28.0	19.4	22.4	27.0	20.8	20.0	3.1	21.6	29.0	22.4	27.8	23.4	27.0	
10	27.2	19.6	22.0	27.2	20.8	20.6	3.2	21.6	27.8	22.0	26.4	23.0	26.0	
11	27.4	19.4	21.6	26.4	20.4	20.8	3.1	21.0	26.8	22.0	26.0	23.4	25.0	
12	26.6	19.0	21.8	25.2	20.2	20.6	2.8	20.8	24.8	21.0	24.0	22.2	23.8	
13	26.2	19.8	21.0	26.0	20.4	20.8	3.1	20.2	24.4	21.0	24.0	22.0	24.0	
14	26.8	19.4	21.6	26.2	20.6	20.2	3.3	20.0	25.0	20.8	24.8	21.6	24.2	
15	27.2	20.0	20.0	26.6	19.8	20.8	3.4	20.6	24.8	21.0	24.0	22.0	24.0	
16	27.2	19.2	20.2	26.8	20.0	21.2	3.7	20.0	25.6	20.8	24.6	21.0	24.0	
17	27.8	19.0	20.6	25.2	19.8	21.0	3.5	20.8	24.6	21.6	24.0	22.0	23.0	
18	27.0	18.8	20.0	26.6	19.6	20.8	3.5	20.6	26.6	21.0	25.6	21.8	24.4	
19	28.6	19.0	21.6	26.8	20.4	21.0	3.8	21.0	26.0	22.0	24.8	22.8	24.0	
20	27.2	19.6	21.0	26.0	20.6	21.2	3.0	20.8	26.4	21.8	26.0	22.4	24.8	
21	26.8	19.8	21.2	26.6	20.6	20.8	3.6	21.0	26.0	22.0	25.0	23.2	24.2	
22	27.0	20.4	21.6	26.8	20.4	21.0	3.1	21.0	25.8	22.4	24.4	23.0	24.0	
23	28.0	19.6	22.0	27.0	20.6	20.8	3.6	20.6	27.0	21.4	26.0	22.2	25.6	
24	27.8	19.4	22.0	27.0	20.8	20.8	3.3	20.6	27.0	22.0	26.0	22.8	24.8	
25	27.8	19.2	22.0	27.2	20.8	21.0	3.2	21.6	26.8	22.6	26.0	23.0	25.0	
26	27.6	19.8	21.8	26.8	21.0	20.8	3.5	21.6	28.0	22.0	26.6	23.8	26.0	
27	27.8	19.6	21.2	26.8	20.0	21.2	3.6	21.6	27.8	22.8	26.0	23.8	25.4	
28	27.6	19.4	21.4	27.0	20.6	21.0	3.3	20.8	27.6	22.0	26.6	23.2	26.0	
29	28.0	20.0	21.6	27.4	20.8	21.2	3.6	20.8	27.4	21.8	26.8	22.8	26.0	
30	28.2	19.8	20.6	28.0	20.2	21.6	3.4	20.6	30.0	21.4	28.8	22.0	27.4	
31	28.4	19.4	21.8	26.6	20.8	21.0	3.3	22.8	28.8	23.8	27.0	24.6	26.6	
Mean	27.7	19.5	21.4	26.9	20.5	20.9	3.4	21.6	27.6	22.5	26.4	23.4	25.6	
Weekly mean														
Std.Week No:27 (July 2 - July 8) No. of Days: 7														
Mean	28.6	19.4	21.6	27.8	20.6	21.1	3.5	23.7	30.1	24.6	28.5	25.7	27.5	
Std.Week No:28 (July 9 - July 15) No. of Days: 7														
Mean	27.1	19.5	21.5	26.4	20.4	20.5	3.1	20.8	26.1	21.5	25.3	22.5	24.9	
Std.Week No:29 (July 16 - July 22) No. of Days: 7														
Mean	27.4	19.4	20.9	26.4	20.2	21.0	3.5	20.7	25.9	21.7	24.9	22.3	24.1	
Std.Week No:30 (July 23 - July 29) No. of Days: 7														
Mean	27.8	19.6	21.7	27.0	20.7	21.0	3.4	21.1	27.4	22.1	26.3	23.1	25.5	
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	

PART- II

Time of Observation :
 700 Hours LMT = 0720 IST
 1400 Hours LMT = 1420 IST

Month : July
 Year : 2018

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount (Octas)		Rainfall (mm)	Pan Evap. (mm)
	Vap. (mm)	Pr. Hg.	Rel. Hum. %		Speed (Km/day)	Direction			0700	1400		
	0700	1400	0700	1400	0700	0700	1400		0700	1400		
	LMT	LMT	LMT	LMT	LMT	LMT	LMT		LMT	LMT		
1	18.0	15.4	93	56	5.8	270	270	6.7	3	3	0.0	4.4
2	18.0	14.6	90	48	5.8	270	230	0	3	2	0.0	4.0
3	17.3	14.3	93	48	8.5	230	270	9.6	2	3	0.0	4.2
4	17.8	15.1	90	53	9.6	270	270	7.5	4	3	0.0	4.4
5	17.8	15.0	90	51	10.6	270	270	3.9	3	3	0.0	4.6
6	17.2	15.2	95	58	11.8	270	230	9.7	3	3	0.0	4.8
7	17.9	15.2	88	58	10.8	230	230	2.2	6	3	0.0	4.0
8	18.0	15.3	96	57	10.6	230	270	0.2	8	3	11.2	3.4
9	17.5	13.7	86	51	8.7	270	270	1.0	3	4	0.8	4.0
10	17.8	14.5	90	54	9.3	270	230	3.2	6	4	12.8	3.8
11	17.3	15.3	89	59	7.8	230	230	3.6	6	4	30.8	3.4
12	16.9	15.7	86	65	8.6	230	270	1.4	6	6	0.0	2.8
13	17.6	15.5	95	62	10.9	270	270	2.7	6	4	0.0	3.0
14	17.6	14.4	91	57	10.3	270	270	3.7	6	4	0.0	2.8
15	17.2	15.2	98	58	11.7	270	270	3.4	4	4	0.0	3.0
16	17.4	15.8	98	60	13.8	230	270	6.9	6	4	0.0	2.8
17	16.9	16.3	93	68	12.7	270	230	4.5	8	6	0.0	3.6
18	16.9	15.2	96	58	12.2	230	230	5.2	8	6	0.0	3.4
19	17.3	15.4	89	58	12.4	230	230	6.3	6	6	0.0	3.8
20	18.0	16.2	96	64	12.0	230	230	1.0	8	6	0.0	3.2
21	17.9	15.2	95	58	14.1	230	270	4.8	6	6	0.0	3.0
22	17.3	15.4	89	58	10.8	230	230	0.0	6	6	0.0	3.2
23	17.4	15.0	88	56	11.0	230	230	4.6	8	6	0.0	2.8
24	17.8	15.0	90	56	8.7	270	270	3.7	6	6	2.8	2.6
25	17.8	15.2	90	56	8.1	230	270	3.3	6	6	0.6	2.8
26	18.2	15.1	93	57	8.2	270	230	5.2	4	4	3.6	2.6
27	16.9	15.8	89	60	8.6	230	230	5.7	3	4	0.0	4.6
28	17.8	15.3	93	57	9.3	270	270	3.2	4	6	0.0	3.6
29	18.0	15.4	93	56	8.2	230	230	5.2	8	4	0.0	4.0
30	17.5	15.8	96	56	7.8	230	270	4.2	8	6	0.0	3.8
31	17.9	15.5	91	60	8.8	230	230	2.5	6	3	0.0	4.6
Mean	17.6	15.2	92	57	9.9	....	....	4.0	5	4	62.6	3.6
Weekly mean												
Std.Week No:27 (July 2 - July 8) No. of Days: 7												
Mean	17.7	15.0	91	53	9.7	...	...	4.7	4	3	11.2	4.2
Std.Week No:28 (July 9 - July 15) No. of Days: 7												
Mean	17.4	14.9	91	58	9.6	...	...	2.7	5	4	44.4	3.3
Std.Week No:29 (July 16 - July 22) No. of Days: 7												
Mean	17.4	15.7	94	61	12.6	...	...	4.1	7	6	0.0	3.3
Std.Week No:30 (July 23 - July 29) No. of Days: 7												
Mean	17.7	15.3	91	57	8.9	...	...	4.4	6	5	7.0	3.3
Std.Week No:31 (July 30 - August 5) No. of Days: 7												
Mean	17.2	18.3	91	43	8.4	..	..	4.9	2	2	13.4	4.2

Note: Rainfall is in Total

PART-I

District : Bengaluru

Lat : 13° 05' N

Month : August

State : Karnataka

Long : 77° 34' E

Year : 2018

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	26.8	18.2	20.8	27.0	20.0	20.8	2.9	21.8	27.8	22.6	26.6	23.4	25.0
2	27.6	17.4	21.0	27.0	20.8	21.0	2.7	20.8	28.6	21.6	27.0	22.4	26.6
3	28.4	19.2	21.2	26.8	20.6	20.4	3.8	20.6	27.8	21.4	26.0	22.0	25.8
4	28.0	17.8	20.8	27.0	20.0	21.0	3.3	21.0	27.8	22.0	26.0	23.4	25.0
5	27.6	19.6	21.8	26.6	20.4	21.4	3.3	20.8	27.6	21.2	26.4	22.6	26.0
6	27.6	19.0	21.2	27.0	20.6	21.0	3.4	21.0	26.0	22.0	25.6	23.4	25.0
7	27.6	18.6	20.2	25.0	19.8	20.8	3.2	20.0	25.8	21.6	25.0	22.6	24.6
8	25.4	19.4	20.2	25.2	20.0	21.0	2.6	20.6	26.0	21.0	25.0	22.0	24.6
9	26.0	19.2	21.4	26.8	20.6	20.8	2.5	21.0	26.6	22.0	26.0	23.2	25.8
10	28.0	19.6	20.2	26.0	20.0	20.6	3.7	20.8	26.6	21.6	26.0	22.8	25.8
11	26.2	18.6	20.0	25.4	19.8	20.4	2.7	20.0	26.0	20.8	25.6	21.6	25.0
12	25.6	19.0	21.0	25.0	20.4	20.2	2.6	20.0	26.2	20.8	25.8	21.0	25.2
13	24.4	18.6	21.0	24.0	20.0	20.0	2.5	19.6	26.0	20.0	25.4	21.6	25.0
14	24.8	18.4	20.8	25.0	20.0	20.4	2.7	21.0	25.0	21.6	24.0	22.0	23.4
15	25.2	19.0	20.2	25.2	19.8	20.6	2.6	20.8	25.2	21.6	24.6	22.0	24.0
16	25.8	19.4	20.6	25.0	20.0	20.4	2.7	20.0	26.0	20.8	24.8	21.0	24.6
17	25.6	19.5	20.6	26.0	20.2	21.0	2.7	20.2	26.6	21.0	26.0	22.0	25.0
18	27.6	19.2	20.8	26.8	20.2	21.0	3.5	21.0	26.0	21.8	26.0	22.8	25.2
19	27.6	19.2	21.6	27.0	20.8	20.6	3.5	20.8	26.6	21.0	26.0	21.6	25.4
20	27.2	19.0	20.2	26.2	19.8	20.6	3.2	20.4	26.8	20.8	26.0	21.2	25.0
21	26.8	18.4	21.0	27.6	20.0	21.6	3.0	21.4	28.0	22.6	26.8	23.0	26.0
22	28.8	18.4	21.4	26.4	20.6	21.0	4.0	22.0	28.6	23.0	27.2	23.8	26.6
23	26.8	19.2	21.8	26.0	20.6	21.6	3.3	20.8	28.2	21.0	27.0	22.4	26.4
24	29.2	18.0	20.6	27.0	19.8	21.2	3.5	21.6	28.4	22.0	26.8	22.4	26.0
25	27.6	19.0	20.4	27.8	20.0	21.0	3.2	21.8	28.0	22.4	27.0	23.0	26.6
26	28.8	19.2	20.8	27.6	20.0	20.6	3.5	21.6	27.8	22.0	26.4	23.0	26.0
27	27.8	18.2	20.0	26.0	19.8	20.4	3.3	21.0	26.8	21.8	26.0	22.4	26.0
28	26.8	18.4	20.8	26.8	20.0	20.8	2.8	21.0	27.8	22.0	27.0	22.8	26.6
29	27.2	18.4	21.2	26.2	20.8	20.8	2.9	21.6	27.2	22.0	26.4	22.8	26.0
30	27.8	18.4	20.2	27.0	19.8	20.6	3.4	21.0	27.0	22.0	26.6	23.4	26.2
31	27.4	19.8	21.4	27.8	20.6	21.0	3.2	20.8	27.6	21.6	26.6	22.4	26.0
Mean	27.0	18.8	20.8	26.3	20.2	20.8	3.1	20.9	27.0	21.6	26.1	22.5	25.5
Std. Week No: 32 (August 6- August 12) No. of Days: 7													
Mean	26.6	19.1	20.6	25.8	20.2	20.7	3.0	20.5	26.2	21.4	25.6	22.4	25.1
Std. Week No: 33 (August 13 -August 19) No. of Days: 7													
Mean	25.9	19.0	20.8	25.6	20.1	20.6	2.9	20.5	25.9	21.1	25.3	21.9	24.7
Std. Week No: 34 (August 20 - August 26) No. of Days: 7													
Mean	27.9	18.7	20.9	26.9	20.1	21.1	3.4	21.4	28.0	22.0	26.7	22.7	26.1
Std. Week No:35 (August 27 - Sept. 02) No. of Days: 7													
Mean	27.4	18.6	20.7	26.8	20.2	20.7	3.1	21.1	27.3	21.9	26.5	22.8	26.2

PART- II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month : August

Year : 2018

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount		Rainfall (mm)	Pan Evap. (mm)
	Vap. (mm)	Pr. Hg.	Rel. Hum. %		Speed (Km/day)	Direction			(Octas)			
	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	17.1	30.2	93	56	9.4	230	230	2.9	3	6	3.0	3
2	18.3	30.1	98	57	9.2	230	230	1.6	2	3	24.8	3.6
3	17.9	30.0	95	55	8.7	230	230	9.0	4	4	2.2	3.8
4	17.1	30.1	93	57	8.5	230	230	6.5	4	6	0.0	4.0
5	17.2	29.0	88	62	9.8	230	230	4.3	6	5	0.0	4.6
6	17.9	30.1	95	57	9.8	230	230	6.0	6	6	0.0	3.6
7	17.1	26.1	96	68	9.7	230	230	4.7	8	6	10.4	2.6
8	17.4	26.4	98	68	9.1	230	230	1.5	8	4	0.0	2.8
9	17.8	29.8	93	57	7.3	270	270	0.0	6	4	9.8	2.6
10	17.4	28.2	98	60	9.4	270	270	7.8	6	6	0.0	2.8
11	17.2	27.1	98	63	9.5	270	270	0.9	8	6	1.2	2.8
12	17.6	26.4	95	64	8.7	230	270	0.0	8	6	8.4	2.6
13	17.0	24.6	91	68	10.6	230	230	0.0	3	4	2.8	2.0
14	17.1	26.3	93	65	11.7	230	230	1.7	6	6	1.2	2.8
15	17.1	26.6	96	65	8.4	230	230	0.8	8	6	9.8	2.2
16	17.2	26.3	95	65	10.1	230	230	0.0	6	4	0.0	2.8
17	17.5	28.0	96	63	11.6	230	270	0.0	4	4	0.6	2.4
18	17.4	29.7	95	58	10.6	270	230	5.2	6	4	0.0	2.8
19	18.0	30.3	93	55	11.3	230	230	4.6	4	3	0.0	3.0
20	17.1	28.6	96	59	10.2	230	230	2.6	6	3	3.0	2.6
21	17.0	31.1	91	58	10.8	230	230	2.2	4	3	0.0	3.4
24	17.8	28.8	93	61	11.0	230	230	9.8	4	4	0.0	4.2
23	17.5	27.7	90	67	7.8	230	230	6.6	3	2	0.0	2.8
24	16.9	30.0	93	59	7.0	230	230	6.2	3	4	0.0	4.0
25	17.3	31.8	96	53	7.3	320	230	3.2	6	3	0.0	3.8
26	17.1	31.6	93	52	6.6	230	230	4.9	3	3	0.0	3.2
27	17.2	28.3	98	59	7.7	270	270	4.6	6	6	13.4	3.0
28	17.1	29.8	93	57	7.0	270	230	1.1	6	4	4.8	2.0
29	18.2	28.5	96	61	6.8	230	230	2.7	4	4	0.0	3.2
30	17.1	30.3	96	55	6.1	230	270	5.4	6	3	1.8	2.6
31	17.8	31.8	93	53	7.5	270	270	0.4	4	4	0.6	2.2
Mean	17.4	28.8	94	60	9.0	..	..	3.5	5	4	97.8	3.0
Std. Week No: 32 (August 6 - August 12) No. of Days: 7												
Mean	17.5	27.7	96	62	9.1	..	..	3.0	7.1	5.4	29.8	2.8
Std. Week No: 33 (August 13 - August 19) No. of Days: 7												
Mean	17.3	27.4	94	63	10.6	..	..	1.8	5.3	4.4	14.4	2.6
Std. Week No: 34 (August 20 - August 26) No. of Days: 7												
Mean	17.2	29.9	93	58	8.7	..	..	5.1	4.1	3.1	3.0	3.4
Std. Week No: 35 (August 27 - Sept.02) No. of Days: 7												
Mean	17.5	29.3	95	57	7.0	..	..	2.8	5.2	4.2	20.6	2.6

Note: Rainfall is in total

PART- I

District : Bengaluru
State : KarnatakaLat : 13° 05' N
Long : 77° 34' E
Alt. : 924 m (amsl)Month : September
Year : 2018

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	28.4	19.0	21.0	27.6	19.0	20.8	3.4	21.4	28.0	22.0	27.0	23.8	26.8
2	28.6	18.6	20.8	28.6	20.2	21.2	3.4	21.8	29.8	22.6	27.6	24.0	27.0
3	30.4	17.8	20.6	29.0	19.8	20.8	3.8	22.0	29.6	23.0	28.0	24.2	27.0
4	30.0	17.6	20.4	28.0	19.8	21.0	3.5	22.0	30.8	22.8	28.8	23.8	28.0
5	29.8	18.6	20.8	27.8	20.0	20.8	3.7	21.8	29.6	22.6	28.0	23.8	26.0
6	28.6	18.0	21.4	28.0	20.6	21.0	3.3	22.0	30.0	22.8	28.6	23.6	27.8
7	29.0	19.2	21.6	28.0	20.6	21.2	3.6	22.0	30.6	23.2	30.0	24.2	28.2
8	29.2	18.6	22.0	28.2	20.8	21.0	3.9	22.0	31.0	23.6	29.8	24.0	28.0
9	29.0	19.6	20.6	28.6	19.8	21.2	3.8	22.2	31.2	23.8	29.6	24.4	28.4
10	30.8	20.4	21.6	25.0	20.8	21.0	3.7	21.8	31.4	22.4	30.0	24.0	28.8
11	25.8	20.4	21.4	29.0	20.8	20.8	2.5	22.4	29.6	23.6	28.6	23.8	28.0
12	30.6	19.2	21.8	30.8	20.4	21.0	3.5	21.0	29.8	22.4	26.8	23.8	26.0
13	31.4	19.6	22.4	29.0	20.6	20.8	3.6	22.0	29.6	23.4	27.8	24.6	27.0
14	30.4	20.0	22.0	30.4	20.8	20.6	3.3	21.8	28.8	22.4	27.8	23.0	27.0
15	31.2	19.4	21.4	28.0	20.0	20.8	3.6	21.4	29.0	22.4	27.6	23.0	27.4
16	29.6	19.6	22.0	28.8	20.8	20.8	3.1	21.8	28.4	22.8	27.0	23.4	26.8
17	29.2	19.0	20.0	27.0	19.8	20.4	3.1	21.6	27.8	22.0	26.2	23.0	26.0
18	27.8	19.2	20.6	28.4	20.0	19.0	3.4	21.8	29.8	22.6	28.0	23.6	26.8
19	28.6	21.0	20.8	27.8	20.4	21.2	3.9	21.8	29.0	22.8	27.6	23.6	26.6
20	28.6	20.8	21.0	27.6	20.2	21.2	3.5	21.8	29.6	22.6	28.0	23.8	27.2
21	28.2	19.2	20.4	27.0	19.8	20.8	3.4	21.8	30.0	22.8	28.8	23.6	27.6
22	28.0	17.0	20.6	27.0	19.2	20.4	2.9	20.8	31.0	21.6	30.0	22.8	29.0
23	28.0	19.6	20.2	27.8	19.6	20.2	3.8	22.0	31.0	22.6	29.6	24.2	28.8
24	28.8	18.8	20.0	27.8	19.8	20.4	3.0	21.0	29.6	22.4	28.0	23.0	27.6
25	28.6	17.8	20.8	28.0	20.0	20.8	3.1	21.6	29.8	22.0	28.0	23.4	27.0
26	29.2	18.8	21.8	27.6	20.4	20.8	3.3	21.4	29.6	22.0	28.2	23.0	27.4
27	29.0	18.6	21.4	27.4	20.6	20.8	3.4	22.0	29.8	22.8	28.6	23.4	27.4
28	28.4	19.4	22.6	30.0	21.0	21.2	3.2	21.8	31.6	22.8	30.0	23.4	29.0
29	31.0	20.0	22.2	28.8	21.2	21.0	4.0	21.8	30.8	22.8	30.0	23.8	28.6
30	29.6	20.8	22.4	29.0	21.6	21.8	3.9	22.8	31.2	23.6	30.6	24.4	28.8
Mean	29.2	19.2	21.2	28.2	20.3	20.8	3.5	21.8	29.9	22.7	28.5	23.7	27.5
Weekly Mean													
Std.Week No:36 (Sept. 3 - Sept. 9) No. of Days : 7													
Mean	29.4	18.5	21.1	28.2	20.2	21.0	3.7	22.0	30.4	23.1	29.0	24.0	27.6
Std.Week No:37 (Sept.10 - Sept.16) No. of Days: 7													
Mean	30.0	19.8	21.8	28.7	20.6	20.8	3.3	21.7	29.5	22.8	27.9	23.7	27.3
Std.Week No:38 (Sept .17 - Sept. 23) No. of Days: 7													
Mean	28.3	19.4	20.5	27.5	19.9	20.5	3.4	21.7	29.7	22.4	28.3	23.5	27.4
Std.Week No:39 (Sept. 24 - Sept.30) No. of Days: 7													
Mean	29.2	19.2	21.6	28.4	20.7	21.0	3.4	21.8	30.3	22.6	29.1	23.5	28.0

PART II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month : September

Year : 2018

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						
1	15.4	14.7	82	53	7.1	270	270	5.2	4	3	0.0	3.2	
2	17.4	14.8	95	50	6.5	230	230	7.0	4	4	0.0	3.4	
3	16.9	13.9	93	46	6.4	320	230	10.2	3	3	0.0	4.0	
4	17.0	14.8	95	52	4.6	230	270	8.6	2	2	0.0	4.2	
5	17.1	14.5	93	52	5.7	270	230	10.0	4	3	0.0	4.4	
6	17.8	14.8	93	52	6.8	230	230	6.7	4	3	0.0	4.2	
7	17.6	15.1	91	53	8.0	270	230	7.1	3	3	0.0	4.4	
8	17.8	14.7	90	51	8.5	230	320	9.9	4	3	0.0	4.6	
9	16.9	14.8	93	50	5.3	320	320	10.0	3	3	0.0	4.4	
10	18.0	16.4	93	69	3.7	320	270	9.3	6	3	0.0	4.8	
11	18.1	13.9	95	46	3.0	270	320	0.4	2	3	0.0	3.4	
12	17.2	13.2	88	40	3.6	320	230	6.9	2	3	1.0	3.2	
13	17.2	13.9	85	46	3.1	270	230	7.9	3	3	0.0	4.4	
14	17.8	12.8	90	39	3.0	230	270	4.6	2	2	5.2	4.0	
15	16.8	14.4	88	51	4.2	270	270	6.8	3	4	41.8	3.8	
16	17.8	14.0	90	47	4.6	320	270	3.0	6	3	3.4	3.4	
17	17.2	14.3	98	54	4.7	270	270	3.4	6	3	33.8	3.0	
18	17.2	11.3	95	39	6.7	270	270	3.6	3	2	0.0	3.4	
19	17.8	15.2	96	54	8.0	230	230	8.0	3	2	0.0	4.4	
20	17.3	15.3	93	55	6.2	230	230	5.3	3	4	0.0	3.6	
21	17.0	15.0	95	56	7.1	230	230	4.8	6	3	0.6	3.8	
22	15.9	14.3	87	54	5.0	230	320	3.0	0	3	0.0	3.6	
23	16.8	13.5	94	48	4.2	90	270	10.3	3	4	0.0	4.2	
24	17.2	13.9	98	50	2.7	270	230	3.2	6	3	19.8	3.0	
25	17.1	14.4	93	51	2.9	230	230	5.6	0	3	39.0	3.6	
26	17.2	14.7	88	53	2.5	270	230	5.7	0	3	0.8	3.4	
27	17.8	14.8	93	54	3.7	230	230	6.9	2	3	6.2	3.8	
28	17.8	14.0	86	44	2.7	90	230	4.6	2	3	1.2	3.6	
29	18.3	14.3	91	48	4.7	230	230	8.2	3	3	0.8	3.6	
30	18.9	15.6	93	52	4.8	90	320	8.5	2	3	0.0	4.2	
Mean	17.3	14.4	92	50	5.0	..	..	6.5	3	3	153.6	3.8
Weekly Mean													
Std.Week No:36 (Sept. 3 - Sept. 9) No. of Days : 7													
Mean	17.3	19.1	92	51	6.5	..	..	8.9	3	3	0.0	4.3
Std.Week No:37 (Sept.10 - Sept.16) No. of Days: 7													
Mean	17.5	18.6	90	48	3.6	..	..	5.6	3	3	51.4	3.9
Std.Week No:38 (Sept .17 - Sept. 23) No. of Days: 7													
Mean	17.0	18.4	94	51	6.0	..	..	5.5	3	5	26.0	3.7
Std.Week No:39 (Sept. 24 - Sept.30) No. of Days: 7													
Mean	17.8	18.8	92	50	3.4	..	..	6.1	2	3	67.8	3.6

Note: Rainfall is in Total

PART- I

District : Bengaluru

Lat : 13° 05' N

Month : October

Alt : 924 m (amsl)

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		0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT		IST	LMT	LMT	LMT	LMT	LMT
1	30.2	20.6	22.4	28.0	21.6	21.2	3.7	22.8	36.0	23.6	31.8	24.0	30.0
2	29.0	20.2	22.8	28.2	21.0	21.8	3.9	23.6	33.8	24.4	31.0	25.4	29.4
3	29.4	20.6	23.0	28.6	21.6	20.8	3.9	24.0	34.6	24.8	31.8	25.6	30.0
4	29.8	20.6	21.0	24.0	20.4	21.0	3.7	24.8	31.6	25.6	30.0	26.0	29.0
5	25.2	19.6	21.8	25.0	20.6	20.8	2.5	23.4	30.8	24.4	29.0	25.0	28.6
6	25.4	19.4	21.2	26.8	20.6	21.0	2.7	22.8	30.0	23.6	29.2	24.0	28.8
7	27.2	19.0	21.8	28.0	21.0	21.2	2.7	21.8	30.2	22.8	28.8	23.8	28.0
8	29.0	18.6	22.4	27.8	21.4	21.6	3.6	22.8	30.0	23.8	28.8	24.6	24.6
9	29.0	19.0	21.8	30.0	20.8	21.2	3.2	21.8	29.6	22.4	28.8	23.4	28.0
10	30.6	19.0	21.6	27.8	20.8	20.8	3.4	22.0	31.8	23.4	30.0	23.8	29.0
11	28.8	16.6	19.0	28.8	18.0	21.0	3.4	22.0	31.6	23.2	30.4	23.6	29.6
12	30.2	17.4	21.0	30.0	20.4	21.4	3.3	22.8	33.0	23.6	31.8	24.0	30.0
13	30.6	16.8	22.4	29.8	21.0	21.4	3.4	22.4	32.8	23.8	31.6	24.0	30.8
14	31.2	20.2	21.8	28.8	20.4	21.4	3.7	22.6	32.6	23.8	31.8	24.8	30.6
15	29.2	19.2	21.6	28.0	20.6	21.0	2.8	22.8	31.8	23.8	30.0	24.4	28.8
16	29.8	20.0	21.4	27.6	20.4	21.2	3.2	23.0	31.8	23.8	30.0	24.6	28.6
17	28.4	18.6	21.8	27.0	21.0	20.4	3.5	23.2	31.6	24.0	30.0	24.4	29.0
18	27.4	18.0	19.8	28.0	19.6	20.8	2.9	21.6	31.0	22.4	29.6	23.4	28.8
19	28.6	18.6	21.0	27.0	20.2	20.6	3.3	21.4	31.8	22.8	30.2	24.0	29.0
20	28.0	17.8	20.8	27.0	20.0	21.2	3.2	21.6	32.0	22.8	30.6	23.8	28.8
21	28.0	17.0	21.2	27.4	20.2	21.0	3.5	22.4	31.8	23.8	30.7	24.4	29.0
22	27.4	14.8	21.6	27.8	20.6	20.6	3.0	21.8	32.8	22.6	31.0	23.8	30.0
23	28.2	14.8	21.6	29.0	20.8	21.2	3.4	21.8	33.0	22.6	31.8	24.0	30.0
24	32.2	15.4	23.0	28.2	21.0	21.4	3.9	22.8	32.8	23.8	31.8	24.6	31.0
25	29.8	15.6	22.4	28.8	20.6	21.0	3.7	22.6	32.4	23.4	32.0	24.4	30.8
26	29.2	16.2	21.6	25.6	20.0	21.2	3.5	22.8	35.6	23.8	30.8	24.2	30.0
27	30.0	17.8	21.6	28.0	20.2	21.0	4.0	23.0	32.8	24.6	31.0	25.0	30.2
28	28.0	14.4	20.8	28.0	19.8	21.2	3.5	22.8	33.0	23.8	32.4	24.6	31.0
29	28.4	14.0	20.4	28.2	19.0	20.8	3.6	23.2	33.4	24.0	30.8	25.4	28.8
30	28.8	13.6	21.4	28.0	20.2	21.0	2.9	23.0	33.6	23.8	31.0	25.0	29.0
31	28.6	17.6	21.6	28.2	20.4	20.8	3.7	23.6	32.0	24.8	31.2	25.0	30.0
Mean	28.9	17.8	21.5	27.9	20.5	21.1	3.4	22.7	32.3	23.7	30.6	24.4	29.3
Weekly mean													
Std.Week No: 40 (October 1- October 7) No. of Days: 7													
Mean	28.0	20.0	22.0	26.9	21.0	21.1	3.3	23.3	32.4	24.2	30.2	24.8	29.1
Std.Week No: 41 (October 8-October 14) No. of Days: 7													
Mean	29.9	18.2	21.4	29.0	20.4	21.3	3.4	22.3	31.6	23.4	30.5	24.0	28.9
Std.Week No: 42 (October 15 - October 21) No. of Days: 7													
Mean	28.5	18.5	21.1	27.4	20.3	20.9	3.2	22.3	31.7	23.4	30.2	24.1	28.9
Std.Week No:43 (October 22 - October 28) No. of Days: 7													
Mean	29.3	15.6	21.8	27.9	20.4	21.1	3.6	22.5	33.2	23.7	31.5	24.4	30.4

PART- II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month : October

Year : 2018

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount		Rainfall (mm)	Pan Evap. (mm)	
	Vap. Pr. (mm) Hg.		Rel. Hum. %		Speed (Km/hr)	Direction			(Octas)				
	0700	1400	0700	1400	0700	0700	1400		0700	0700			1400
	LMT	LMT	LMT	LMT	LMT	LMT	LMT		LMT	LMT			LMT
1	18.9	17.0	93	53	5.0	320	320	8.4	0	2	0	4.2	
2	17.7	15.1	85	56	7.4	90	90	10.1	2	3	0	4.6	
3	18.6	16.0	88	48	5.6	90	90	10.1	3	0	0	4.2	
4	17.6	14.1	95	76	6.3	90	90	8.3	3	3	0	4.2	
5	17.5	17.0	90	68	8.8	90	90	0.0	6	6	4.4	3.0	
6	17.9	16.1	95	58	10.2	90	90	0.8	8	3	0	2.6	
7	18.2	15.4	93	53	5.6	90	90	1.9	2	2	0.8	3.2	
8	18.6	15.1	91	57	5.6	50	50	10.1	2	3	0	4.0	
9	17.9	15.9	91	44	3.4	230	140	6.5	2	2	12	2.8	
10	18.0	14.0	93	52	3.2	90	230	7.5	0	2	0	3.4	
11	14.9	14.5	91	48	4.6	230	230	8.9	0	0	0	3.8	
12	17.6	14.3	95	45	3.2	230	230	7.9	0	0	0	4.2	
13	17.9	14.3	88	46	3.2	230	230	8.8	0	0	0	4.2	
14	17.2	14.5	88	51	3.2	230	230	8.3	0	0	0	3.8	
15	17.6	15.0	91	52	3.0	230	50	1.8	3	3	2.2	3.8	
16	17.4	14.8	91	55	2.4	50	50	4.9	2	3	0	4.0	
17	18.2	15.3	93	54	6.2	230	315	7.6	3	2	0	3.6	
18	17.0	14.3	98	51	2.9	315	230	4.4	3	2	9.8	3.0	
19	17.3	14.4	93	55	4.0	230	230	6.8	2	0	0	4.2	
20	17.1	14.7	93	59	4.8	230	230	7.0	0	0	0	4.2	
21	17.2	15.7	91	55	5.0	230	230	10.1	0	0	0	4.0	
22	17.6	15.1	91	51	6.3	50	50	7.3	0	0	0	4.2	
23	18.0	14.2	93	48	4.8	230	50	11.0	0	0	0	4.4	
24	17.5	14.6	83	54	6.0	90	50	10.3	0	0	0	4.8	
25	17.2	15.3	85	48	6.0	50	50	10.1	0	0	0	5.2	
26	16.7	14.3	86	67	7.1	50	50	8.7	0	0	0	5.6	
27	17.0	16.4	88	52	7.4	50	50	10.0	0	0	0	5.4	
28	16.8	14.8	91	53	6.5	50	50	10.4	0	0	0	5.8	
29	15.7	15.1	87	50	8.4	50	50	10.4	0	0	0	6.0	
30	17.1	14.3	89	52	5.2	50	50	5.3	0	0	0	5.6	
31	17.3	14.8	89	50	4.8	50	50	9.7	0	2	0	5.2	
Mean	17.5	15.0	91	54	5.4	..	..	7.5	1	1	29.2	4.2
Weekly mean													
Std.Week No: 40 (October 1- October 7) No. of Days: 7													
Mean	18.1	18.9	91	59	7.0	...	...	5.7	3	3	5.2	3.7
Std.Week No: 41 (October 8-October 14) No. of Days: 7													
Mean	17.4	19.4	91	49	3.4	...	...	8.3	1	1	12.0	3.8
Std.Week No: 42 (October 15 - October 21) No. of Days: 7													
Mean	17.4	18.9	93	54	4.5	...	...	6.1	2	1	12.0	4.1
Std.Week No:43 (October 22 - October 28) No. of Days: 7													
Mean	17.3	19.1	88	53	6.6	...	...	9.7	0	0	0.0	5.6

Note: Rainfall is in total

PART-I

District : Bengaluru
State : Karnataka

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

Month : November
Year : 2018

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		LMT	LMT	LMT	LMT	LMT	LMT
1	29.6	18.0	21.6	27.6	20.0	20.8	3.8	22.4	31.8	23.4	30.0	23.8	28.8
2	28.8	18.4	21.2	28.0	20.2	21.0	3.6	21.8	31.6	22.4	30.0	23.4	28.6
3	28.8	19.6	21.8	27.4	20.4	21.2	3.3	21.0	32.0	22.0	31.0	23.0	28.8
4	28.6	19.0	22.0	27.8	20.8	20.8	3.7	21.6	31.0	22.8	30.2	23.4	28.8
5	28.4	18.2	21.0	28.0	19.8	20.8	3.5	20.8	31.6	21.0	30.0	22.0	28.6
6	29.0	16.6	21.0	29.0	20.0	21.0	3.3	20.6	31.0	21.8	30.6	22.6	29.0
7	29.8	17.0	20.6	28.2	19.8	21.2	3.6	20.8	30.8	21.6	30.0	22.4	28.6
8	29.4	13.6	21.6	28.0	20.4	20.8	3.1	21.0	31.0	22.8	29.6	23.6	28.8
9	29.0	16.4	19.4	28.8	18.0	20.6	3.3	21.0	30.8	22.0	29.8	23.0	28.6
10	29.2	15.4	21.0	29.0	19.0	20.0	3.6	21.6	31.8	22.4	30.0	23.0	28.6
11	29.2	16.4	20.6	28.8	19.8	20.6	3.5	21.2	32.0	22.0	31.0	23.0	28.8
12	29.6	14.4	20.0	28.2	18.2	20.8	3.3	21.0	31.8	22.0	30.0	23.2	28.8
13	29.6	12.4	18.0	27.8	16.6	21.0	3.0	21.2	31.6	22.2	30.2	23.4	28.6
14	29.0	11.4	20.0	28.8	18.0	20.8	3.0	21.0	31.4	22.4	30.0	23.0	28.8
15	29.6	12.2	20.8	27.0	19.0	20.6	3.1	21.6	29.0	22.8	28.0	23.4	26.6
16	29.8	19.0	20.0	26.0	19.0	20.8	4.0	20.8	28.8	21.8	27.6	22.6	26.0
17	26.2	18.0	21.6	28.0	20.0	21.0	3.1	20.6	32.0	21.4	31.0	22.0	28.6
18	29.4	19.8	21.8	28.0	20.0	21.2	4.0	22.6	31.8	23.4	30.0	24.0	29.0
19	29.8	19.6	22.0	28.2	20.0	20.8	4.2	22.4	31.6	23.8	30.0	24.4	28.6
20	29.0	18.8	22.0	28.6	20.2	21.0	3.7	23.0	31.6	24.0	30.2	25.2	28.8
21	30.0	18.6	21.6	26.0	20.0	20.6	4.1	22.8	28.0	23.8	26.8	24.8	25.0
22	26.2	19.4	21.2	24.0	20.2	20.4	3.1	21.8	26.0	22.0	25.0	23.6	24.0
23	24.6	19.6	20.0	24.6	19.8	20.6	2.8	20.0	25.6	21.6	24.6	23.0	24.0
24	25.0	19.2	20.2	26.6	19.8	20.2	2.6	20.0	28.8	21.0	28.0	21.8	27.0
25	27.0	17.8	18.6	27.2	18.2	20.6	3.1	20.0	30.8	21.8	29.6	22.4	28.4
26	28.0	16.8	19.0	27.0	18.8	20.8	3.3	20.4	31.0	21.8	30.0	22.6	27.8
27	28.0	14.6	18.8	26.0	17.6	20.8	3.3	21.4	32.6	22.4	30.0	23.8	28.8
28	26.0	14.2	16.8	27.0	16.0	20.6	3.3	21.0	30.8	21.8	30.0	22.0	28.8
29	27.6	16.8	18.0	26.6	17.0	20.8	3.8	20.0	30.0	21.0	28.8	22.8	28.0
30	27.0	17.0	19.2	27.8	18.0	21.0	3.0	20.8	31.8	21.6	30.0	22.4	28.6
Mean	28.4	16.9	20.4	27.5	19.2	20.8	3.4	21.2	30.7	22.2	29.4	23.1	28.0
Weekly Mean													
Std.Week No:45 (Nov. 5 - Nov. 11) No. of Days : 7													
Mean	29.1	16.2	20.7	28.5	19.5	20.7	3.4	21.0	31.3	21.9	30.1	22.8	28.7
Std.Week No:46 (Nov.12 - Nov.18) No. of Days: 7													
Mean	29.0	15.3	20.3	27.7	18.7	20.9	3.3	21.3	30.9	22.3	29.5	23.1	28.1
Std.Week No:47 (Nov .19 - Nov. 25) No. of Days: 7													
Mean	27.4	19.0	20.8	26.5	19.7	20.6	3.4	21.4	28.9	22.6	27.7	23.6	26.5
Std.Week No:48 (Nov. 26 - Dec.2) No. of Days: 7													
Mean	27.3	15.9	18.4	26.9	17.5	20.8	3.3	20.7	31.2	21.7	29.8	22.7	28.4

PART II

Time of
Observation :I---> 0700 Hours LMT
= 0720 IST
II---> 1400 Hours LMT
= 1420 ISTMonth :
November
Year : 2018

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount (Octas)			Rainf all (mm)	Pan Evap. (mm)
	Vap. Pr. (mm) Hg.		Rel. Hum. %		Speed (Km/day)	Direction			0700	0700	1400		
	0700 LMT	1400 LMT	0700 LMT	1400 LMT	0700 LMT	0700 LMT	1400 LMT						
1	16.7	14.7	86	53	7.8	45	45	9.7	3	3	0	4.6	
2	17.2	14.8	91	52	8.4	90	45	8.3	6	3	0	4.2	
3	17.2	15.4	88	56	8.8	45	45	3.3	6	3	0	3.4	
4	17.8	14.5	90	52	12.5	45	45	5.9	4	3	0	4.2	
5	16.7	14.4	89	51	6.5	90	45	8.9	4	2	0	3.8	
6	17.0	14.2	91	47	5.8	45	45	7.8	2	2	0	4	
7	16.9	15.0	93	52	6.7	45	45	9.3	2	0	0	4.2	
8	17.3	14.4	89	51	5.3	45	45	9.1	0	0	0	4	
9	14.7	13.7	87	46	5.4	45	45	7.4	2	0	0	3.8	
10	15.4	12.6	82	42	5.8	90	50	10.6	0	0	0	4.2	
11	16.9	13.7	93	46	5	50	50	9.8	0	0	0	4.4	
12	14.7	14.3	84	50	4.8	50	50	8.6	0	0	0	4	
13	13.4	14.9	87	53	4	50	50	7.9	0	0	0	4.2	
14	14.4	14.0	82	47	3.4	50	50	9.6	0	0	0	4.4	
15	15.5	14.7	84	55	2.6	50	50	10.5	0	0	0	4.6	
16	15.9	15.5	91	62	11.7	360	45	6.8	6	3	0	3.8	
17	16.7	14.8	86	52	10.6	90	90	3.6	0	0	0	3.6	
18	16.5	15.1	84	53	7.4	90	90	9.1	0	2	0	4.4	
19	16.4	14.3	83	50	8.8	90	50	9.2	3	2	0	4.2	
20	16.8	14.4	85	49	7.8	50	50	6.8	2	3	0	4.8	
21	16.7	15.2	86	60	9.1	50	50	9.8	4	4	0	5	
22	17.2	16.0	91	71	14.6	50	50	1.5	8	6	0	3.8	
23	17.2	16.0	98	69	12	90	50	1.3	8	6	0	2.6	
24	17.1	14.2	96	54	5.8	90	50	0.3	0	2	20.6	2.2	
25	15.5	14.5	96	54	4.7	50	50	4.4	4	0	0	3.8	
26	16.2	15.0	98	56	6.2	50	50	6	0	0	0	4	
27	14.4	15.5	89	62	6.1	50	50	8.1	0	0	0	4.4	
28	13.2	14.7	92	55	6.4	50	90	9.6	0	3	0	4.6	
29	14.0	15.2	90	58	8	90	45	9.4	8	2	0	4	
30	14.8	14.9	89	53	6.2	50	50	3.2	0	0	0	3.8	
Mean	16.0	14.8	89	54	7.3	..	..	7.2	2	2	20.6	4.0
Weekly Mean													
Std.Week No:45 (Nov. 5 - Nov. 11) No. of Days : 7													
Mean	16.4	19.0	89	48	5.8	..	..	9.0	1	1	0.0	4.1
Std.Week No:46 (Nov.12 - Nov.18) No. of Days: 7													
Mean	15.3	19.7	85	53	6.4	..	..	8.0	1	1	0.0	4.1
Std.Week No:47 (Nov .19 - Nov. 25) No. of Days: 7													
Mean	16.7	18.7	91	58	9.0	..	..	4.8	4	3	20.6	3.8
Std.Week No:48 (Nov. 26 - Dec.2) No. of Days: 7													
Mean	14.5	20.3	92	57	6.6	..	..	7.3	2	1	0.0	4.2

Note : Rainfall is in total

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 : 2018

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		0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT		IST	LMT	LMT	LMT	LMT	LMT
1	28.8	17.2	19.4	27.0	18.4	20.6	3.4	20.4	30.8	21.8	30.2	22.0	28.6
2	27.6	14.2	19.4	27.0	18.6	20.4	3.0	20.6	31	22.0	30.0	23.0	28.8
3	27.4	14.4	18.0	25.4	17.0	20.2	3.2	20.8	30.8	21.2	30.0	22.0	28.6
4	26.0	17.6	19.4	26.0	18.8	20.4	3.4	20.0	30.6	21.0	30.2	22.0	29.0
5	26.2	18.6	19.4	26.6	19.0	20.6	3.0	20.6	31.6	21.0	30.0	22.0	28.6
6	27.6	19.2	20.6	27.0	19.8	20.8	3.5	20.8	31.0	21.4	30.2	21.8	29.6
7	28.4	17.4	20.2	27.2	18.8	20.8	3.2	20.6	30.6	21.6	30.2	22.8	28.8
8	27.6	16.8	19.6	27.4	18.2	20.4	2.9	20.8	30.8	21.6	30.0	22.4	28.4
9	28.0	16.6	19.6	28.0	18.4	20.6	3.2	20.0	30.8	21.0	30.0	22.0	28.6
10	29.2	16.8	19.0	28.0	18.2	20.8	3.4	20.6	31.8	21.6	30.2	22.0	29.0
11	28.8	15.6	20.0	27.6	19.0	20.6	2.6	20.8	31.0	21.4	30.0	22.0	29.0
12	28.4	17.8	21.6	28.0	20.0	20.4	2.9	21.0	31.2	21.8	30.6	22.6	28.8
13	28.8	17.8	19.0	27.4	18.0	20.6	3.1	20.8	31.0	21.6	30.0	22.4	28.6
14	28.2	16.8	20.8	26.8	19.6	20.4	2.7	20.6	30.8	21.8	30.2	22.0	28.8
15	28.0	15.6	19.6	27.0	18.4	20.0	3.4	20.8	31.0	21.6	29.0	22.4	28.4
16	27.4	14.8	18.0	26.6	16.8	19.8	3.0	21.4	31.6	22.0	30.2	23.8	28.8
17	27.0	11.8	16.8	25.6	15.0	20.4	3.1	21.0	30.8	22.0	30.0	23.0	28.6
18	25.6	10.8	17.6	27.0	16.0	20.8	2.2	20.6	30.0	21.0	28.8	22.0	27.6
19	27.4	13.8	16.8	26.0	15.6	20.4	3.3	20.8	29.8	21.0	28.0	21.8	27.4
20	26.2	13.6	18.0	27.0	16.4	20.8	2.9	20.8	30.0	21.4	28.4	22.0	27.8
21	28.0	17.4	19.0	26.6	17.8	20.2	3.5	20.0	29.0	21.0	28.6	21.8	27.4
22	27.8	16.6	19.4	28.0	18.0	20.4	3.1	19.8	29.4	21.0	28.4	21.6	27.0
23	28.4	17.6	19.8	27.6	18.4	20.2	3.7	20.0	29.6	21.2	28.0	22.0	27.4
24	28.4	17.0	19.0	27.8	18.0	20.8	3.6	20.2	29.8	21.4	28.6	22.2	28.0
25	28.6	17.8	19.8	28.4	18.2	21.0	3.5	20.4	31.0	21.6	29.6	22.4	28.8
26	29.0	16.6	20.0	29.0	18.2	20.2	3.7	20.6	33.6	21.8	29.6	22.4	29.0
27	30.0	17.4	20.8	27.4	18.8	21.0	3.8	21.0	32.4	22.4	29.6	23.2	29.2
28	29.6	17.2	20.6	27.0	18.6	20.8	3.4	20.8	32.0	21.8	30.2	22.8	29.4
29	27.4	18.4	19.4	26.0	18.6	20.2	3.2	20.6	30.6	21.4	29.6	22.0	27.8
30	26.2	16.2	18.0	25.0	17.0	20.4	3.1	20.8	30.8	21.6	30.0	22.4	28.8
31	25.8	14.6	16.8	25.2	15.4	20.6	3.0	20.6	30.8	21.0	28.8	22.0	27.6
Mean	27.8	16.3	19.2	27.0	18.0	20.5	3.2	20.6	30.8	21.5	29.6	22.3	28.5
Weekly mean													
Std.Week No: 49 (December 3 - December 9) No. of Days: 7													
Mean	27.3	17.2	19.5	26.8	18.6	20.5	3.2	20.5	30.9	21.3	30.1	22.1	28.8
Std.Week No: 50 (December 10 - December 16) No. of Days: 7													
Mean	28.4	16.5	19.7	27.3	18.6	20.4	3.0	20.9	31.2	21.7	30.0	22.5	28.8
Std.Week No: 51 (December 17 - December 23) No. of Days: 7													
Mean	27.2	14.5	18.2	26.8	16.7	20.5	3.1	20.4	29.8	21.2	28.6	22.0	27.6
Std.Week No: 52 (December 24 - December 31) No. of Days: 8													
Mean	28.1	16.9	19.3	27.0	17.9	20.6	3.4	20.6	31.4	21.6	29.5	22.4	28.6

PART- II

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

Month : December
Year : 2018

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					
	LMT	LMT	LMT	LMT	LMT	LMT	LMT		0700	1400			0830	0830
1	15.3	14.7	91	55	5.6	50	50	8.4	2	2	0	4.2
2	15.6	14.3	93	54	8.0	90	50	7.5	0	2	0	4.4
3	14.0	14.9	90	61	7.0	50	50	9.7	2	3	0	4.0
4	15.9	14.9	94	59	7.9	90	90	9.4	6	3	0	3.8
5	16.3	14.9	96	57	7.3	90	140	3.8	4	2	2.8	3.6
6	16.9	15.0	93	56	6.3	140	140	8.6	2	2	0	4.0
7	15.5	14.9	87	55	6.6	90	50	5.7	0	0	0	4.4
8	14.9	14.1	87	52	5.5	50	50	3.0	0	2	0	3.4
9	15.2	14.1	89	50	8.3	50	50	4.1	6	2	0	3.8
10	15.2	14.4	92	51	7.6	140	320	5.9	0	0	0	4.0
11	15.9	14.3	91	52	2.6	140	140	2.7	0	2	0	4.2
12	16.7	13.8	86	49	2.6	140	140	4.7	0	0	0	4.0
13	14.9	14.4	91	53	2.8	140	140	5.5	3	3	0	3.2
14	16.4	14.4	89	55	4.5	90	90	2.4	3	0	0	3.0
15	15.2	13.7	89	51	7.8	90	90	8.2	0	0	0	4.6
16	13.7	13.6	88	52	8.3	90	50	2.4	3	2	0	3.8
17	11.8	15.1	82	61	8.0	50	50	9.4	0	0	0	4.4
18	12.8	15.0	85	56	3.8	360	50	3.5	0	0	0	4.2
19	12.6	14.9	88	59	6.9	50	50	9.1	0	0	0	4.0
20	13.1	15.0	85	56	5.9	90	90	6.9	0	2	0	4.2
21	14.6	14.2	89	54	6.4	140	140	7.9	3	3	0	4.0
22	14.7	13.8	87	49	4.1	140	140	5.8	4	2	0	3.8
23	15.1	13.7	87	49	7.6	90	90	7.2	3	2	0	4.4
24	14.9	14.5	91	52	8.9	50	90	5.7	3	0	0	5.2
25	14.8	14.6	85	50	5.7	90	90	6.8	0	0	0	4.0
26	14.7	12.9	84	43	5.2	320	140	9.2	0	0	0	4.2
27	15.2	15.1	82	55	4.9	50	140	9.0	0	2	0	4.0
28	15.0	15.0	82	56	3.3	90	90	7.2	0	2	0	3.6
29	15.6	14.5	93	58	5.0	90	90	4.7	3	3	0	3.2
30	14.0	15.4	90	65	8.6	90	90	4.1	6	0	0	3.6
31	14.7	15.7	88	54	7.5	90	90	5.4	0	0	0	4.2
Mean	14.9	14.5	89	54	6.1	..	..	6.3	2	1	2.8	4.0
Weekly mean												
Std.Week No: 49 (December 3 - December 9) No. of Days: 7												
Mean	15.5	19.2	91.0	55.6	7.0	...	...	6.3	...	...	2.8	3.9
Std.Week No: 50 (December 10 - December 16) No. of Days: 7												
Mean	15.4	18.9	89.5	51.7	5.2	...	...	4.5	...	...	0.0	3.8
Std.Week No: 51 (December 17 - December 23) No. of Days: 7												
Mean	13.5	20.1	86.1	55.0	6.1	...	...	7.1	...	...	0.0	4.1
Std.Week No: 52 (December 24 - December 31) No. of Days: 8												
Mean	14.9	19.8	87.0	54.1	6.1	...	...	6.5	...	...	0.0	4.0

Note: Rainfall is in tot