

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	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