

PART- I

District: Bengaluru

Lat : 13° 05' N

Month: January

State : Karnataka

Long: 77° 34' E

Year : 2017

Alt. : 924 m (amsl)

date	Air Temperature °C						PET (mm) 0830	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	26.8	12.8	16.8	26.0	16.4	17.8	3.1	18.6	29.0	19.0	26.6	19.6	27.6
2	26.0	12.2	18.0	26.6	16.4	18.4	3.0	18.4	29.0	18.0	28.6	19.4	27.4
3	27.0	12.0	17.8	26.2	15.4	17.4	3.0	18.4	29.2	19.0	27.0	19.4	26.8
4	28.0	11.4	16.4	26.0	14.2	17.2	3.2	19.2	30.2	21.2	27.8	23.0	27.2
5	28.2	11.2	18.0	26.6	16.6	17.8	3.1	20.0	30.4	21.4	27.4	23.2	28.0
6	27.6	14.0	16.0	26.0	14.6	17.4	3.4	20.6	30.0	22.0	27.2	23.4	28.0
7	28.0	11.6	16.2	26.8	15.4	18.4	3.0	20.0	29.8	21.6	28.0	23.4	27.6
8	28.0	14.8	17.0	26.0	16.0	18.0	3.2	20.0	30.8	20.8	30.6	21.0	29.0
9	27.0	14.4	16.4	26.2	15.0	18.0	3.3	20.0	30.0	20.6	28.8	20.6	27.6
10	27.0	14.8	16.2	27.0	15.8	18.0	3.1	20.7	30.4	20.8	29.0	21.4	28.6
11	28.0	14.2	16.6	27.0	15.8	18.2	3.1	20.0	30.8	20.8	30.0	21.6	28.8
12	27.4	15.2	16.8	26.8	16.0	18.2	3.4	20.4	31.0	21.0	30.0	21.8	28.6
13	27.2	16.4	17.2	25.8	16.6	17.2	3.3	20.4	30.8	21.8	30.2	22.0	29.0
14	26.0	16.0	17.2	25.4	16.0	17.8	3.5	20.2	30.0	20.8	28.8	21.8	28.0
15	26.0	14.8	15.8	26.0	15.0	17.4	3.5	20.4	30.8	21.0	30.0	21.6	28.8
16	26.2	14.4	16.6	26.6	15.8	17.2	3.5	20.8	30.4	20.8	28.6	21.6	28.0
17	27.2	13.6	15.0	26.4	14.4	17.0	3.4	19.8	29.8	20.0	28.6	20.8	28.0
18	27.0	12.4	14.2	26.0	13.8	17.8	3.5	19.4	29.6	19.8	28.6	20.0	27.8
19	26.6	14.2	15.0	25.8	14.8	17.0	3.8	19.8	29.6	20.0	28.4	21.0	28.0
20	26.6	14.0	14.8	27.0	14.0	18.0	3.8	18.8	31.6	19.4	30.0	20.4	29.0
21	27.8	15.2	19.0	25.4	17.8	17.2	3.9	20.4	30.4	21.8	30.0	22.0	28.4
22	25.6	14.6	15.8	27.8	14.4	18.0	3.4	19.8	30.6	20.0	30.0	20.8	29.0
23	29.0	14.0	15.6	26.8	14.2	17.8	4.1	20.0	30.8	20.8	30.0	21.2	29.2
24	27.6	14.2	17.0	27.2	15.8	17.6	3.9	20.2	31.0	21.6	30.0	21.8	29.2
25	29.2	15.2	15.8	27.4	14.8	17.4	4.5	19.8	30.4	20.0	30.0	20.8	29.4
26	29.0	15.4	17.0	27.8	15.8	17.6	4.3	19.6	30.8	20.4	30.2	20.8	29.6
27	26.0	15.6	20.0	24.4	18.2	18.2	2.9	20.0	30.0	20.6	29.0	21.0	27.8
28	24.6	19.0	20.4	27.4	17.8	18.0	3.4	19.8	28.8	20.8	27.6	21.6	27.0
29	27.8	17.8	19.0	28.0	18.2	17.4	4.1	19.4	29.0	20.0	28.6	21.0	27.6
30	29.0	16.8	17.0	29.0	16.2	17.8	4.2	20.0	30.0	20.8	28.4	21.6	27.8
31	30.4	16.2	19.4	28.8	17.6	18.2	4.3	20.8	31.6	21.6	30.0	22.4	29.4
Mean	27.3	14.5	16.9	26.7	15.8	17.7	3.5	19.9	30.2	20.6	29.0	21.4	28.3
Weekly mean													
Std.Week No: (1 Jan. 1 - Jan. 7) No. of Days: 7													
Mean	27.4	12.2	17.0	26.3	15.6	17.8	3.1	19.3	29.7	20.3	27.5	21.6	27.5
Std.Week No: 2 (Jan. 8 - Jan.14) No. of Days: 7													
Mean	27.2	15.1	16.8	26.3	15.9	17.9	3.3	20.2	30.5	20.9	29.6	21.5	28.5
Std.Week No: 3 (Jan. 15 - Jan.21) No. of Days: 7													
Mean	26.8	14.1	15.8	26.2	15.1	17.4	3.6	19.9	30.3	20.4	29.2	21.1	28.3
Std.Week No: 4 (Jan.22 - Jan. 28) No. of Days: 7													
Mean	27.3	15.4	17.4	27.0	15.9	17.8	3.8	19.9	30.3	20.6	29.5	21.1	28.7
Std.Week No: 5 (Jan. 29 - Feb. 4) No. of Days: 7													
Mean	29.1	11.9	15.3	28.0	14.3	18.7	3.4	19.3	32.7	19.7	31.0	20.1	29.3

PART II

Time of Observtation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month: January

Year : 2017

Date	Humidity				Mean Wind			Bright	Cloud		Rainfall (mm)	Pan
	Vap. Pr.	Rel. Hum.	Speed (Km/day)	Direction	SSH	Amount (Octas)	Evap. (mm)					
	(mm) Hg.							%	0700	1400		0700	1400	0700	1400	0830	0830
LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	IST	IST
1	13.8	16.1	96	43	5.4	50	50	9.8	0	0	0.0	3.8
2	13.1	17.0	85	43	6.1	50	50	9	0	0	0.0	3.8
3	11.8	16.0	77	39	3.8	50	90	8.8	0	0	0.0	4.2
4	10.9	16.4	78	39	5.4	50	50	10	0	0	0.0	4.2
5	13.4	15.9	87	40	5.1	140	90	10	0	0	0.0	4.0
6	11.7	16.4	86	40	6.3	140	90	9.5	0	0	0.0	5.2
7	12.7	17.5	92	43	4.2	140	90	9	0	0	0.0	4.4
8	13.1	16.6	90	44	4.5	90	140	7.9	0	0	0.0	3.6
9	12.0	17.1	86	43	6.4	140	140	8.5	0	0	0.0	4.6
10	13.2	16.7	96	39	3.5	140	140	8.8	0	0	0.0	3.8
11	13.0	17.0	92	40	2.6	140	90	8.8	0	0	0.0	4.4
12	13.2	16.9	92	41	5.9	140	140	8.6	0	0	0.0	4.0
13	13.8	15.0	94	40	3.9	90	140	8.6	0	0	0.0	4.2
14	13.0	16.3	88	46	9.1	140	90	6.2	0	0	0.0	4.0
15	12.4	16.2	92	40	7.9	90	90	8.4	0	0	0.0	3.8
16	13.0	15.5	92	37	7.3	90	90	9.8	0	0	0.0	3.6
17	12.0	16.0	94	36	5.4	90	90	9.3	0	0	0.0	3.2
18	11.6	17.5	96	43	8.7	90	90	9.1	0	0	0.0	3.4
19	12.5	15.7	98	39	10.1	90	90	10.2	0	0	0.0	4.4
20	11.6	17.7	91	39	9.7	90	50	9.4	0	2	0.0	3.8
21	14.6	14.4	89	42	10.3	90	50	9.5	3	0	0.0	4.2
22	11.5	17.5	86	36	9.2	50	50	3	0	0	0.0	3.8
23	11.4	17.3	86	39	9.7	50	50	9.6	0	0	0.0	3.8
24	12.8	16.1	88	36	10.2	50	50	8.5	0	0	0.0	3.2
25	12.1	16.3	90	34	11.3	50	50	10.3	0	0	0.0	4.6
26	12.8	16.1	88	34	11.4	50	50	7.5	2	0	0.0	4.6
27	14.7	15.7	84	53	7.5	50	50	1	0	4	0.0	4.2
28	13.9	15.6	77	38	8.9	50	90	0.8	2	0	0.0	4.2
29	15.2	14.5	92	32	9.7	90	90	6.8	0	0	0.0	4.2
30	13.4	16.2	92	30	8.3	90	90	8.1	0	0	0.0	3.6
31	14.1	16.0	83	33	7.6	140	90	10.2	0	0	0.0	4.8
Mean	12.8	16.3	88.9	39.5	7.3	..	..	8.2	0	0	0.0	4.1
Weekly mean												
Std.Week No: (1 Jan. 1 - Jan. 7) No. of Days: 7												
Mean	12.5	16.5	86	41	5.2	..	..	9.4	0	0	0.0	4.2
Std.Week No: 2 (Jan. 8 - Jan.14) No. of Days: 7												
Mean	13.1	16.5	91	42	5.1	..	..	8.2	0	0	0.0	4.1
Std.Week No: 3 (Jan.15 - Jan.21) No. of Days: 7												
Mean	12.5	16.1	93	39	8.5	..	..	9.4	0	0	0.0	3.8
Std.Week No: 4 (Jan.22 - Jan.28) No. of Days: 7												
Mean	12.7	16.4	85	39	9.7	..	..	5.8	1	1	0.0	4.1
Std.Week No: 5 (Jan.29 - Feb. 4) No. of Days: 7												
Mean	11.7	18.7	90	39	4.8	..	..	10.5	0	0	0.0	5.3