

PART- I

District: Bengaluru  
State : Karnataka

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

Month: January  
Year : 2020

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
1	26.6	16.8	20.0	25.0	18.8	20.6	2.9	21.8	30.0	22.8	28.8	23.6	27.8
2	25.2	17.4	20.0	25.8	19.0	20.8	2.6	21.6	30.0	22.0	28.8	23.4	27.6
3	26.2	17.6	20.2	27.8	19.0	21.0	2.9	21.6	31.4	22.0	29.6	23.4	28.6
4	28.2	16.8	20.8	28.8	19.6	20.8	3.2	21.8	31.0	22.4	29.6	23.8	28.0
5	29.4	17.8	21.2	28.8	20.0	21.0	3.3	21.6	31.8	22.8	30.0	23.8	29.0
6	30.0	18.2	20.8	26.4	19.6	20.6	3.3	22.4	31.0	23.8	29.0	24.8	28.8
7	26.8	17.6	20.8	26.4	19.6	20.6	2.6	21.8	31.4	22.8	30.2	23.6	29.0
8	27.6	18.0	19.8	28.0	17.8	20.6	3.7	22.0	31.8	23.0	29.2	23.8	28.0
9	29.0	17.2	20.2	28.8	19.4	20.6	3.5	22.0	32.4	22.8	30.8	23.6	30.0
10	29.4	17.0	19.2	27.8	18.0	20.8	3.4	22.0	31.8	23.4	30.0	24.0	29.0
11	28.8	15.6	18.0	26.8	16.8	20.4	3.6	22.8	32.0	23.8	30.4	24.6	29.0
12	27.2	15.2	18.0	26.2	16.6	20.2	3.7	22.8	31.6	23.6	30.2	24.0	29.0
13	26.6	15.2	18.4	27.0	17.6	20.4	3.1	22.4	31.8	22.8	30.0	23.8	29.0
14	28.0	15.8	17.8	26.8	16.6	20.0	3.1	22.0	32.0	23.6	30.4	23.8	28.6
15	27.8	15.6	17.0	27.6	15.4	20.2	3.4	21.8	31.0	22.4	30.0	23.4	28.8
16	28.6	14.4	16.8	27.8	15.6	20.4	3.4	22.2	31.8	23.4	30.0	23.6	29.0
17	28.4	14.6	17.0	27.8	16.0	20.6	3.3	22.4	31.4	23.6	30.2	24.0	28.8
18	29.0	16.4	18.0	26.8	16.8	20.6	3.7	22.0	31.4	23.8	30.2	24.0	29.0
19	27.2	17.4	19.8	28.0	18.4	20.4	3.8	22.0	31.8	23.8	30.0	24.0	29.0
20	29.0	16.8	19.2	28.8	18.0	20.8	3.6	22.4	32.4	23.6	31.0	24.0	30.0
21	29.8	15.0	18.0	28.0	16.8	20.6	3.8	22.2	32.0	23.4	31.2	24.0	30.4
22	28.8	14.2	16.6	27.8	15.2	20.4	3.9	22.4	32.2	23.0	31.4	24.0	30.2
23	28.2	16.6	18.0	28.0	16.8	20.8	3.9	22.0	32.4	23.0	30.0	23.8	29.8
24	29.2	15.4	17.8	28.4	16.6	20.8	3.9	22.0	32.4	23.2	31.6	23.8	29.8
25	29.4	12.2	16.8	28.0	15.8	20.8	3.4	22.4	32.6	23.8	31.0	24.0	28.8
26	29.4	12.0	15.0	30.0	13.8	21.0	3.3	22.6	32.0	23.8	30.0	24.0	29.0
27	31.0	13.2	18.0	29.6	16.6	21.2	3.6	22.0	32.4	23.4	30.0	21.0	28.8
28	31.0	16.2	19.0	29.0	17.8	21.0	3.9	22.4	32.0	23.8	30.0	24.4	29.0
29	30.0	16.0	18.4	30.0	17.0	20.8	3.7	22.2	32.4	23.4	31.8	24.0	30.0
30	30.8	14.4	18.2	29.6	16.6	21.4	3.6	22.0	32.6	23.4	31.6	23.6	30.8
31	31.6	16.4	20.0	29.0	18.6	20.6	2.9	22.6	32.8	23.8	31.0	24.6	29.0
Mean	28.7	15.9	18.7	27.9	17.4	20.7	3.4	22.1	31.8	23.2	30.3	23.8	29.1
<b>Weekly mean</b>													
<b>Std.Week No: 1 (Jan. 1 - Jan. 7) No. of Days: 7</b>													
Mean	27.5	17.5	20.5	27.0	19.4	20.8	3.0	21.8	30.9	22.7	29.4	23.8	28.4
<b>Std.Week No: 2 (Jan. 8 - Jan.14) No. of Days: 7</b>													
Mean	28.1	16.3	18.8	27.3	17.5	20.4	3.4	22.3	31.9	23.3	30.1	23.9	28.9
<b>Std.Week No: 3 (Jan. 15 - Jan.21) No. of Days: 7</b>													
Mean	28.5	15.7	18.0	27.8	16.7	20.5	3.6	22.1	31.7	23.4	30.4	23.9	29.3
<b>Std.Week No: 4 (Jan.22 - Jan. 28) No. of Days: 7</b>													
Mean	29.6	14.3	17.3	28.7	16.1	20.9	3.7	22.3	32.3	23.4	30.6	23.6	29.3

**PART II**

**Time of Observation:**

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

**PART- I**

**Month: January**

**Year : 2020**

**District: Bengaluru 1400 Hours LMT = 1420 IST**

**Month: February**

**State : Karnataka**

**Long: 77° 34' E**

**Year : 2020**

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					
	LMT	LMT	LMT	LMT	LMT	LMT	LMT		LMT	LMT		
1	15.6	15.8	89	66	7.5	90	140	5.5	0	2	0	4.6
2	15.9	15.7	91	63	7.3	140	90	2.5	6	2	0	4.0
3	15.8	14.9	89	53	7.1	140	90	4.4	6	2	0	4.2
4	16.4	14.0	89	47	2.9	90	140	9.0	0	3	0	4.8
5	16.9	14.3	89	48	3.0	90	90	8.4	4	2	0	4.0
6	16.4	15.0	89	58	3.4	90	90	7.1	3	2	0	4.2
7	16.4	15.0	89	58	6.7	90	140	1.2	2	2	0	4.2
8	14.2	14.1	82	50	8.4	140	90	9.0	2	2	0	4.0
9	16.5	13.7	93	46	5.1	90	90	9.0	0	0	0	4.4
10	14.8	14.5	89	52	3.3	90	90	9.2	0	0	0	4.2
11	13.7	14.4	88	55	8.1	90	90	9.7	0	0	0	4.6
12	13.4	14.4	87	57	11.1	90	90	10.2	2	2	0	4.2
13	14.7	14.3	92	54	6.1	45	90	8.7	3	0	0	4.4
14	13.5	13.8	88	52	3.0	90	90	8.0	2	2	0	4.0
15	12.2	13.7	84	49	6.2	90	90	8.7	0	0	0	4.2
16	12.6	13.9	88	50	5.8	90	90	9.9	0	0	0	4.4
17	13.1	14.2	90	51	4.3	90	90	9.8	0	2	0	4.8
18	13.7	14.8	88	56	6.4	90	90	9.7	2	2	0	5.0
19	15.1	13.8	87	49	11.5	90	90	7.6	2	0	0	4.6
20	14.8	14.0	89	47	7.0	90	90	7.6	0	0	0	4.2
21	13.7	14.1	88	50	7.2	90	90	9.9	0	0	0	4.4
22	12.2	13.9	86	50	10.0	90	90	10.4	0	0	0	4.8
23	13.7	14.4	88	51	9.6	90	90	9.6	0	0	0	4.6
24	13.5	14.2	88	49	8.7	90	90	10.0	0	0	0	4.4
25	12.9	14.4	90	51	5.5	90	45	10.4	0	0	0	4.4
26	11.2	13.7	87	43	3.6	90	90	10.0	0	0	0	4.6
27	13.4	14.2	87	46	3.9	90	140	10.2	0	0	0	4.8
28	14.6	14.2	89	47	5.3	230	90	9.6	0	0	0	5.2
29	13.8	13.3	87	42	4.4	90	45	9.3	0	0	0	4.6
30	13.3	14.6	85	47	2.6	90	45	9.9	0	0	0	4.8
31	15.3	13.5	87	45	2.4	45	140	9.0	0	2	0	5.4
<b>Mean</b>	<b>14.3</b>	<b>14.3</b>	<b>88</b>	<b>51</b>	<b>6.0</b>	<b>..</b>	<b>..</b>	<b>8.5</b>	<b>1</b>	<b>1</b>	<b>0.0</b>	<b>4.5</b>
<b>Weekly mean</b>												
<b>Std. Week No: 1 (Jan. 1 - Jan. 7) No. of Days: 7</b>												
<b>Mean</b>	16.2	14.9	89	56	5.4	..	..	5.4	3	2	0.0	4.3
<b>Std. Week No: 2 (Jan. 8 - Jan.14) No. of Days: 7</b>												
<b>Mean</b>	14.4	14.2	88	52	6.4	..	..	9.1	1	1	0.0	4.3
<b>Std. Week No: 3 (Jan.15 - Jan.21) No. of Days: 7</b>												
<b>Mean</b>	13.6	14.1	88	50	6.9	..	..	9.0	1	1	0.0	4.5
<b>Std. Week No: 4 (Jan.22 - Jan.28) No. of Days: 7</b>												
<b>Mean</b>	13.1	14.2	88	48	6.7	..	..	10.0	0	0	0.0	4.7

## February-2020

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	31.2	17.2	19.6	28.2	18	20.4	3.9	22.8	31.8	23.8	30.2	24.2	29	
2	29.2	16	19	27	17.8	20.4	3.6	22	32.6	22.8	31.8	23.8	31	
3	28	15.8	18.8	28.8	17.6	20.6	3.6	22.2	32.8	23.4	32	23.6	31.2	
4	29.4	14	16.8	27.8	15.8	20.8	3.6	22.2	33	23.6	31.8	24	30	
5	28.8	17	19	28.4	17.8	20.6	3.8	22.8	32.8	23.4	31.6	24.4	31	
6	29.2	15.8	19.4	28.6	18.6	20.4	3.3	22	33.2	23.4	32	23.8	31.2	
7	30	17	18.8	28.6	17.4	20.6	3.6	22.4	33.4	23.8	31.8	23.8	30	
8	29.2	16.8	19.4	28.6	18.2	20.8	3.3	22.4	33.2	23.6	31.6	24	30.4	
9	30.4	16.6	19	28.2	17.8	20.8	3.6	22.6	32.4	23	31	24.2	30.2	
10	29	17.6	18.8	28	18	20.4	4.0	22.4	32.8	23.6	31.4	24.4	31	
11	29	15.8	18.6	28.4	17.8	20.8	3.9	22.2	32.6	23.4	31.8	23.8	31.8	
12	29.2	16.2	18	28	16.8	21	4.1	22	32	23.6	31.6	24	31	
13	28.4	16.6	19	28.8	18	20.8	3.8	22.2	32.4	23.4	32	23.8	31.2	
14	30.6	16.2	19.2	28.6	17.8	20.4	3.8	22	33.4	23.2	32.4	23.6	31.8	
15	30	15.6	18.8	29	16.6	21	3.5	22	33.2	23.4	32.6	24.2	31.6	
16	31.4	16.8	19.8	28.6	17.8	20.8	3.8	22.4	33.4	23.8	32.8	24.4	31.8	
17	30	16.2	18.8	28.8	17.6	20.6	3.9	23	33	23.8	31.8	24.6	30.4	
18	30.6	15.6	19	28.6	17.8	20.8	3.7	22.4	33	23.6	31.8	24	29.6	
19	30.4	15.8	18.8	28.6	17.6	20.4	3.8	22.8	32.8	23.6	31.8	24.2	30	
20	30.2	16	18.4	28.6	16.8	20.8	4.0	22.4	32.4	23.2	30.8	24.4	29.6	
21	30	16.6	19	29.6	17.8	20.8	4.0	22.4	32	23.6	30	24	28.8	
22	30.6	16.8	18.8	28.6	17.8	20.8	4.1	22.6	33	23.4	31.4	24	29.6	
23	30	16.4	18.8	28	17.4	20.6	4.1	22.4	32.6	23.8	31.4	24	30.6	
24	29.4	16.8	18.4	28.2	17.6	21.2	3.9	22.2	30.4	23.8	30	24.2	29.8	
25	29	16	18	29.2	17.2	20.2	3.7	22	33.2	24.2	30	25	28.8	
26	30	17	20	28.4	19.2	21	3.6	24	31	25.2	30.2	26.2	29.4	
27	30.2	18	20	29	19.2	20	4.2	22	34	23.2	30.8	24	29	
28	30.2	19.4	19	28	18.2	20.4	4.3	24	34	24.8	32.6	25.4	30.8	
29	31	21.8	19.8	28.2	18	20.2	4.8	23.2	33.8	24	32	25	31.2	
<b>Mean</b>	<b>29.8</b>	<b>16.7</b>	<b>18.9</b>	<b>28.5</b>	<b>17.7</b>	<b>20.6</b>	<b>3.8</b>	<b>22.5</b>	<b>32.8</b>	<b>23.6</b>	<b>31.5</b>	<b>24.2</b>	<b>30.4</b>	
<b>Std.Week No: 6 ( Feb 5 - Feb 11) No. of Days: 7</b>														
<b>Mean</b>	29.4	16.7	19.0	28.4	17.9	20.6	3.6	22.4	32.9	23.5	31.6	24.1	30.8	
<b>Std.Week No:7 ( Feb12 - Feb 18) No. of Days: 7</b>														
<b>Mean</b>	30.0	16.2	18.9	28.6	17.5	20.8	3.8	22.3	32.9	23.5	32.1	24.1	31.1	
<b>Std.Week No: 8 ( Feb 19 - Feb 25) No. of Days: 7</b>														
<b>Mean</b>	29.9	16.3	18.6	28.7	17.5	20.7	3.9	22.4	32.3	23.7	30.8	24.3	29.6	

**PART II**

**Time of Observation:**

**Month : February**

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

**Year : 2020**

**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	1400	0700	0700	1400	0700			0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	IST	IST
1	14.6	13.7	85	48	6.8	140	90	9.4	3	0	0	5.4
2	14.6	14.3	89	54	8.2	140	90	8.6	0	0	0	4.6
3	14.4	13.7	89	46	9.5	90	90	9.2	0	0	0	5.6
4	12.9	14.5	90	52	8.6	90	90	10.2	0	0	0	5.2
5	14.6	13.9	89	48	8.6	90	90	10.3	0	0	0	5.8
6	15.6	13.4	93	46	4.3	90	140	9.1	0	0	0	5.4
7	14.1	13.8	87	47	5.6	140	90	8.4	0	0	0	5.6
8	15.0	14.1	89	48	3.6	230	140	8.1	0	0	0	5
9	14.6	14.3	89	50	4.8	90	90	9.5	0	0	0	5.6
10	15.0	13.8	92	49	10.5	90	90	9	0	0	0	5.2
11	14.8	14.2	92	49	12.0	90	90	9.3	2	0	0	5
12	13.7	14.8	88	52	12.0	90	90	9.9	0	0	0	5.4
13	14.9	14.0	91	47	8.5	90	90	10.3	0	0	0	5.6
14	14.5	13.4	87	46	6.4	90	90	10.5	0	0	0	5.2
15	13.0	14.2	80	47	4.5	90	90	9.1	0	0	0	5.6
16	14.2	14.1	82	48	5.0	90	90	10.2	0	0	0	5.8
17	14.4	13.7	89	46	7.6	90	90	10.1	0	0	0	6
18	14.6	14.1	89	48	6.7	90	90	9	0	0	0	5.4
19	14.4	13.4	89	46	7.0	50	90	9.8	0	0	0	6.2
20	13.5	14.1	85	48	9.0	90	90	9.7	0	0	0	6
21	14.6	13.5	89	44	8.7	140	90	9.5	0	0	0	6.4
22	14.7	14.1	91	48	9.1	140	90	9	0	0	0	6.2
23	14.1	14.1	87	50	10.4	90	90	8.2	0	0	0	6.4
24	14.7	15.0	92	52	9.7	90	90	7.5	4	0	0	6
25	14.3	12.8	92	42	7.1	140	140	7.9	0	0	0	5
26	16.2	14.6	93	50	4.8	140	140	8	0	0	0	5
27	16.2	12.6	93	42	8.1	140	90	9.2	0	0	0	5
28	15.2	13.8	92	49	8.7	90	90	8.4	0	0	0	6.6
29	14.5	13.3	84	46	9.6	140	140	9.5	0	0	0	5.2
<b>Mean</b>	<b>14.6</b>	<b>13.9</b>	<b>89</b>	<b>48</b>	<b>7.8</b>	<b>..</b>	<b>..</b>	<b>9.2</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>5.6</b>
<b>Std. Week No: 6 ( Feb 5 - Feb 11) No. of Days: 7</b>												
<b>Mean</b>	14.8	13.9	90.1	48.0	7.1			9.1	0.3	0.0	0.0	5.4
<b>Std. Week No:7 ( Feb12 - Feb 18) No. of Days: 7</b>												
<b>Mean</b>	14.2	14.0	86.4	47.8	7.2			9.9	0.0	0.0	0.0	5.6
<b>Std. Week No: 8 ( Feb 19 - Feb 25) No. of Days: 7</b>												
<b>Mean</b>	14.3	13.9	89.2	47.1	8.7			8.8	0.6	0.0	0.0	6.0

District : Bengaluru  
State : Karnataka

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

Month : March  
Year : 2020

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	33.0	19.0	19.4	29.6	18.8	20.8	4.4	22.8	34.4	23.6	33.0	24.8	31.8
2	31.2	18.4	20.4	28.0	19.6	20.8	4.0	22.8	32.8	23.8	31.8	24.6	30.0
3	28.6	18.4	20.0	30.0	18.8	20.8	3.4	22.4	31.8	23.6	30.0	24.4	29.0
4	31.6	20.4	21.4	29.0	20.2	20.6	3.8	21.4	32.4	22.4	31.6	23.8	30.2
5	31.2	19.6	21.2	29.6	19.8	20.4	3.7	22.8	31.6	23.0	30.0	24.2	28.8
6	32.0	20.4	21.0	29.8	20.0	20.8	4.1	21.8	31.8	22.4	31.0	23.6	28.8
7	31.6	19.6	20.8	29.6	20.0	21.0	3.8	21.8	31.0	22.4	30.0	23.4	28.6
8	31.4	19.8	21.2	30.0	20.8	20.8	3.6	21.2	32.4	22.0	31.8	23.2	30.0
9	31.8	19.8	21.8	30.0	20.2	20.2	4.1	21.6	32.4	22.4	31.8	23.8	30.0
10	32.0	20.4	22.0	31.0	20.8	20.8	4.0	22.0	32.8	23.6	31.6	24.8	30.0
11	33.0	20.0	22.4	31.2	20.2	20.2	4.2	22.0	32.6	23.6	31.8	24.4	30.0
12	32.0	19.4	22.0	31.8	20.6	20.6	4.0	22.2	34.8	23.6	33.0	23.8	30.2
13	33.2	19.0	22.6	30.4	20.2	20.2	4.1	22.4	36.8	23.8	34.8	24.8	30.8
14	32.0	17.8	22.6	31.8	20.8	20.8	4.0	22.8	37.0	23.8	35.0	24.6	33.4
15	32.8	19.8	22.6	29.8	20.8	21.6	4.3	22.8	37.0	23.6	35.0	24.8	33.6
16	32.8	19.8	22.4	31.8	21.0	21.8	4.5	22.6	37.8	23.8	35.8	25.0	33.4
17	33.0	19.2	22.6	31.6	20.6	21.6	4.5	23.4	37.6	24.6	35.6	25.8	33.6
18	32.6	18.0	22.8	31.8	21.0	21.8	4.5	23.0	38.0	24.4	36.0	25.6	33.8
19	33.8	19.4	23.0	32.0	21.2	21.8	4.4	23.2	37.8	23.8	36.0	25.0	34.0
20	34.0	21.0	23.2	31.8	21.6	21.4	4.4	23.8	37.8	24.4	36.6	26.0	34.8
21	32.4	17.4	22.4	31.2	21.0	21.6	3.3	23.0	37.0	23.8	36.0	24.4	34.0
22	33.0	20.4	22.4	31.0	20.8	21.2	4.3	22.4	36.8	23.8	35.8	24.8	34.0
23	32.6	20.8	22.8	31.6	20.6	21.2	4.2	22.0	36.0	23.6	33.8	24.0	31.6
24	32.6	18.8	22.0	32.0	20.8	21.4	3.8	22.0	35.8	23.6	33.4	24.0	32.0
25	33.2	19.8	22.0	31.8	20.8	21.8	4.3	22.8	37.8	23.8	35.0	24.6	32.8
26	32.0	19.0	21.8	32.0	20.2	21.6	4.1	22.4	36.8	23.6	35.4	24.8	33.0
27	33.4	19.0	22.8	31.8	21.2	21.6	4.7	22.4	36.8	24.0	34.8	25.4	33.4
28	32.8	18.4	22.6	32.0	21.0	21.8	4.4	22.6	37.0	23.8	35.6	24.8	34.0
29	33.6	18.0	21.8	32.4	19.0	21.5	4.3	22.8	38.0	23.4	36.6	29.8	35.0
30	34.0	17.8	22.4	32.2	21.0	22.0	4.3	23.4	38.6	24.0	36.0	25.4	33.8
31	34.4	18.8	22.6	32.0	21.4	21.8	4.7	23.6	38.8	35.0	36.0	27.0	33.4
Mean	32.5	19.3	22.0	31.0	20.5	21.2	4.1	22.5	35.5	23.9	33.9	24.8	32.0
Weekly mean													
Std. Week No:10 ( Mar 5 - Mar 11) No. of Days:													
7													
Mean	31.9	19.9	21.5	30.2	20.3	20.6	3.9	21.9	32.1	22.8	31.1	23.9	29.5
Std. Week No:11 ( Mar 12 - Mar 18) No. of Days:													
7													
Mean	32.6	19.0	22.5	31.3	20.7	21.2	4.3	22.7	37.0	23.9	35.0	24.9	32.7
Std. Week No:12 ( Mar 19 - Mar 25) No. of Days:													
7													
Mean	33.1	19.7	22.5	31.6	21.0	21.5	4.1	22.7	37.0	23.8	35.2	24.7	33.3
Std. Week No:13 ( Mar 26 - Apr 1) No. of Days:													
7													
Mean	33.4	18.5	22.3	32.1	20.6	21.7	4.4	22.9	37.7	25.6	35.7	26.2	33.8

**PART II**

**Time of Observation:**

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

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

**Month : March**

**Year: 2020**

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	1400
	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	IST	IST
	1	15.9	13.5	94	44	8.8	140	90	9.0	3.0	0.0	0.0
2	16.7	14.4	93	51	8.0	90	90	9.0	0.0	0.0	0.0	6.6
3	15.6	13.3	89	42	2.9	140	140	9.0	2.0	3.0	0.0	5.8
4	17.1	13.5	89	45	3.7	140	45	9.0	6.0	2.0	0.0	6.0
5	16.5	12.9	88	41	4.4	45	140	8.2	2.0	2.0	0.0	5.8
6	17.0	13.4	91	43	6.3	225	225	8.7	4.0	2.0	0.0	6.0
7	17.1	13.9	93	45	4.8	270	225	8.4	6.0	2.0	0.0	6.2
8	18.2	13.3	96	42	5.9	225	225	5.2	2.0	2.0	0.0	5.6
9	16.9	12.3	86	39	7.2	225	140	8.6	2.0	2.0	0.0	6.0
10	17.8	12.8	90	38	6.6	140	270	7.0	2.0	0.0	0.0	6.2
11	16.5	11.7	81	34	6.2	270	270	8.4	0.0	0.0	0.0	6.0
12	17.4	12.0	88	34	5.8	270	270	8.8	0.0	0.0	0.0	6.2
13	16.4	12.1	80	37	5.9	320	320	9.2	0.0	0.0	0.0	6.2
14	17.4	12.3	85	35	6.5	320	225	9.5	0.0	0.0	0.0	6.8
15	17.4	14.8	85	47	7.3	225	225	9.7	0.0	0.0	0.0	7.0
16	17.9	14.0	88	40	8.9	225	225	9.4	0.0	0.0	0.0	7.4
17	17.1	13.8	83	40	9.6	90	225	9.5	0.0	0.0	0.0	7.8
18	17.7	14.0	85	40	10.9	225	225	9.8	0.0	0.0	0.0	8.0
19	17.9	13.9	85	39	7.0	225	225	9.8	0.0	2.0	0.0	7.8
20	18.5	13.3	87	38	6.0	225	225	9.2	2.0	2.0	0.0	7.6
21	17.9	14.0	88	41	4.6	225	225	3.2	0.0	0.0	24.2	7.8
22	17.5	13.4	86	40	5.4	225	225	9.5	2.0	2.0	0.0	6.8
23	17.0	13.1	82	38	5.2	225	225	9.1	2.0	0.0	0.0	6.4
24	17.8	13.2	90	37	4.6	225	225	6.4	2.0	0.0	0.0	6.4
25	17.8	14.0	90	40	5.9	45	45	8.8	0.0	0.0	0.0	6.6
26	16.9	13.6	86	38	5.4	45	45	8.8	0.0	0.0	0.0	6.8
27	18.0	13.7	86	39	9.4	140	225	9.7	0.0	0.0	0.0	8.0
28	17.8	13.9	86	39	5.9	225	320	10.9	0.0	0.0	0.0	8.4
29	14.9	13.2	76	36	4.9	45	45	11.1	0.0	0.0	0.0	8.4
30	17.9	14.2	88	39	5.4	45	45	10.0	0.0	0.0	0.0	8.6
31	18.4	13.9	90	39	7.9	45	45	10.0	0.0	0.0	0.0	7.6
<b>Mean</b>	<b>17.2</b>	<b>13.4</b>	<b>87</b>	<b>40</b>	<b>6.4</b>	<b>..</b>	<b>..</b>	<b>8.8</b>	<b>1.2</b>	<b>0.7</b>	<b>24.2</b>	<b>6.9</b>
<b>Weekly mean</b>												
<b>Std. Week No:10 ( Mar 5 - Mar 11) No. of Days:</b>												
<b>7</b>												
<b>Mean</b>	<b>17.1</b>	<b>12.9</b>	<b>89</b>	<b>40</b>	<b>5.9</b>	<b>...</b>	<b>...</b>	<b>7.8</b>	<b>2.6</b>	<b>1.4</b>	<b>0.0</b>	<b>6.0</b>
<b>Std. Week No:11 ( Mar 12 - Mar 18) No. of Days:</b>												
<b>7</b>												
<b>Mean</b>	<b>17.3</b>	<b>13.3</b>	<b>85</b>	<b>39</b>	<b>7.8</b>	<b>...</b>	<b>...</b>	<b>9.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>7.1</b>
<b>Std. Week No:12 ( Mar 19 - Mar 25) No. of Days:</b>												
<b>7</b>												
<b>Mean</b>	<b>17.8</b>	<b>13.6</b>	<b>87</b>	<b>39</b>	<b>5.5</b>	<b>...</b>	<b>...</b>	<b>8.0</b>	<b>1.1</b>	<b>0.9</b>	<b>3.5</b>	<b>7.1</b>
<b>Std. Week No:13 ( Mar 26 - Apr 1) No. of Days:</b>												
<b>7</b>												
<b>Mean</b>	<b>17.3</b>	<b>13.7</b>	<b>85</b>	<b>38</b>	<b>6.5</b>	<b>...</b>	<b>..</b>	<b>10.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>8.0</b>

**Note: Rainfall is in total**

District : Bengaluru  
State : Karnataka

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

Month: April  
Year : 2020

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	35.0	19.8	23.6	33.4	21.2	21.6	4.6	23.8	38.6	24.8	37.4	26.0	36.0
2	35.0	19.8	23.8	33.2	21.8	21.8	4.5	23.0	38.6	23.8	36.4	25.8	36.4
3	34.6	21.2	23.8	33.0	22.0	21.2	4.6	23.6	38.4	24.6	36.8	25.8	36.0
4	34.8	20.6	23.0	33.0	21.2	21.8	4.4	23.4	38.4	24.4	36.8	25.6	36.6
5	34.6	20.8	23.4	33.8	21.6	22.0	4.4	23.4	37.4	24.4	36.6	25.8	36.0
6	34.0	21.4	23.8	32.0	22.4	22.0	4.2	22.8	38.8	23.8	37.0	25.6	36.6
7	31.8	18.8	22.0	30.4	20.8	21.4	3.8	22.0	37.4	23.6	36.6	24.6	35.8
8	31.8	19.2	22.4	31.8	21.0	21.8	3.5	22.4	37.0	23.8	36.8	24.4	36.0
9	32.6	18.8	23.0	31.8	21.2	21.0	3.7	22.8	36.8	23.8	33.6	24.0	32.0
10	32.8	18.0	20.8	32.0	20.0	21.4	3.9	22.0	37.0	23.6	36.6	24.0	34.8
11	32.8	17.8	22.2	30.4	21.0	21.2	3.7	22.2	37.8	23.8	36.8	24.6	35.0
12	31.8	18.4	21.4	31.8	20.2	21.6	3.9	22.8	37.6	23.6	37.0	25.0	35.0
13	33.0	18.0	23.2	32.8	21.4	21.8	4.0	22.6	37.8	23.6	36.8	24.8	35.4
14	34.0	19.0	23.0	31.8	20.8	22.0	4.3	22.8	37.4	23.8	36.6	24.6	36.0
15	34.0	17.2	23.0	32.0	21.0	21.2	4.3	22.4	38.8	23.8	37.0	24.8	36.0
16	34.2	19.4	23.4	32.2	21.2	22.0	4.3	22.6	38.6	23.8	37.8	25.0	36.6
17	34.6	20.6	23.6	33.0	21.8	22.2	4.4	23.6	39.0	24.8	36.8	26.8	36.0
18	35.0	21.2	24.0	33.8	22.0	22.4	4.6	24.6	38.8	25.6	37.0	27.8	36.6
19	34.6	20.8	23.8	32.6	20.8	20.3	4.4	23.6	38.8	34.6	37.0	35.0	36.6
20	34.0	20.8	23.6	31.8	21.2	21.0	4.7	24.0	38.8	25.6	36.8	26.6	36.0
21	34.2	20.6	23.4	32.0	21.0	21.6	4.7	24.4	38.0	25.8	37.0	27.0	35.8
22	34.4	20.6	23.4	33.0	21.0	21.0	4.6	24.6	37.8	25.8	36.6	26.8	35.0
23	34.6	20.8	23.8	33.8	21.0	22.0	4.6	24.8	38.8	26.0	37.8	27.4	36.6
24	35.4	18.8	21.6	29.0	20.0	20.8	4.3	22.4	37.0	23.8	36.0	24.8	35.0
25	30.0	18.0	23.0	30.8	21.0	21.2	3.2	22.0	36.6	23.6	32.8	23.8	30.0
26	31.8	20.0	22.4	28.6	21.0	21.8	3.5	21.8	35.0	22.4	34.6	23.0	33.6
27	30.0	20.2	23.6	30.0	20.6	21.8	3.9	22.0	36.6	23.0	34.0	23.8	33.0
28	31.8	20.0	23.4	31.8	21.6	21.6	3.3	22.0	35.0	23.4	31.8	24.0	28.8
29	33.8	18.0	23.6	27.0	21.8	21.8	3.7	22.0	30.6	23.6	30.0	23.8	28.8
30	27.4	18.4	23.0	31.8	21.6	21.8	3.6	22.8	32.4	23.6	30.8	24.0	30.0
Mean	33.3	19.6	23.1	31.8	21.2	21.6	4.1	23.0	37.3	24.5	35.9	25.5	34.7
Weekly mean													
Std. Week No:14 ( April 2 - April 8) No. of Days: 7													
Mean	33.8	20.3	23.2	32.5	21.5	21.7	4.2	22.9	38.0	24.1	36.7	25.4	36.2
Std. Week No:15 (April 9 - April 15) No. of Days: 7													
Mean	33.0	18.2	22.4	31.8	20.8	21.5	4.0	22.5	37.6	23.7	36.3	24.5	34.9
Std. Week No:16 ( April 16 - April 22) No. of Days: 7													
Mean	34.4	20.6	23.6	32.6	21.3	21.5	4.5	23.9	38.5	26.6	37.0	27.9	36.1
Std. Week No:17 ( April 23 - April 29) No. of Days: 7													
Mean	32.5	19.4	23.1	30.1	21.0	21.6	3.8	22.4	35.7	23.7	33.9	24.4	32.3
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 : 2020**

Date	Humidity				Mean Wind			Bright SS H	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							
	LMT	LMT	LMT	LMT	LMT	LMT	LMT		LMT	LMT			IST	IST
1	17.6	12.8	80	33	7.9	90	225	9.7	0.0	2.0	0.0	8.8		
2	18.5	13.3	84	35	7.5	225	225	9.4	0.0	0.0	0.0	9.0		
3	18.8	12.3	85	33	8.0	225	225	9.2	0.0	0.0	0.0	10.0		
4	17.9	13.4	85	35	6.6	225	225	9.3	0.0	0.0	0.0	8.8		
5	18.4	13.3	85	34	6.2	225	225	10.3	0.0	0.0	0.0	9.6		
6	19.5	14.3	88	40	4.4	225	225	9.6	0.0	2.0	0.0	9.4		
7	17.8	14.1	90	43	5.4	225	225	8.8	2.0	2.0	20.8	6.8		
8	17.9	14.0	88	40	4.6	225	225	5.5	2.0	2.0	0.0	7.8		
9	17.9	12.7	85	36	4.2	225	225	7.7	0.0	2.0	0.0	7.4		
10	17.1	13.2	93	37	7.2	225	225	7.4	4.0	2.0	16.8	7.4		
11	18.0	13.8	90	42	5.4	90	90	6.8	0.0	0.0	0.0	6.8		
12	17.1	13.7	89	39	5.1	90	90	9.8	0.0	0.0	0.0	6.6		
13	18.1	13.5	85	36	5.0	90	45	10.2	0.0	0.0	0.0	7.8		
14	17.2	14.4	82	41	5.6	45	45	11.2	0.0	0.0	0.0	7.8		
15	17.5	12.9	83	36	6.9	140	90	11.2	0.0	0.0	0.0	6.8		
16	17.7	14.2	82	39	5.1	90	225	11.4	0.0	0.0	0.0	8.8		
17	18.6	14.1	85	37	4.8	225	225	10.5	3.0	0.0	0.0	8.0		
18	18.7	14.0	84	35	6.6	225	225	9.3	2.0	2.0	0.0	8.4		
19	16.8	11.1	76	30	4.3	225	225	11.2	2.0	0.0	0.0	8.2		
20	17.6	12.7	80	36	6.9	225	225	11.0	0.0	0.0	0.0	8.6		
21	17.3	13.6	80	38	6.8	225	225	10.9	0.0	0.0	0.0	8.8		
22	17.3	12.0	80	32	5.6	225	225	11.1	0.0	0.0	0.0	8.6		
23	17.1	13.3	77	34	5.4	270	270	10.6	0.0	0.0	0.0	8.6		
24	16.7	13.9	86	46	5.5	270	270	8.6	2.0	2.0	38.8	6.6		
25	17.5	13.6	83	41	3.5	270	270	4.3	3.0	3.0	0.0	5.0		
26	17.9	15.8	88	54	3.6	270	225	4.7	0.0	2.0	65.2	2.8		
27	16.5	15.0	76	47	5.4	225	225	7.9	0.0	2.0	1.4	7.6		
28	18.4	13.7	85	39	1.0	140	270	4.3	0.0	4.0	1.6	6.0		
29	18.6	16.7	85	62	4.6	270	270	9.6	8.0	6.0	51.0	4.8		
30	18.6	14.0	88	40	4.1	270	225	6.5	0.0	0.0	0.0	6.0		
Mean	17.8	13.6	84	39	5.4	..	..	8.9	0.9	1.1	195.6	7.5		
Weekly mean														
Std. Week No:14 ( April 2 - April 8) No. of Days: 7														
Mean	18.4	13.5	86	37	6.1	..	..	8.9	0.6	0.9	20.8	8.7		
Std. Week No:15 (April 9 - April 15) No. of Days: 7														
Mean	17.6	13.4	87	38	5.6	..	..	8.7	1	1	16.8	7.3		
Std. Week No:16 ( April 16 - April 22) No. of Days: 7														
Mean	17.7	13.1	81	35	5.7	..	..	10.8	1	0	0.0	8.5		
Std. Week No:17 ( April 23 - April 29) No. of Days: 7														
Mean	17.5	14.6	83	46	4.1	..	..	7.1	2	3	158.0	5.9		
Std. Week No:18 ( April 30 - May 6) No. of Days: 7														
Mean	16.5	14.2	82	31	5.0	..	..	8.2	3	1	25.8	4.4		

**Note: Rainfall is in total**



**PART- I**

**District: Bengaluru**

**Lat : 13° 05' N**

**Month: May**

**State : Karnataka**

**Long: 77° 34' E**

**Year :**

**2020 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	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	32.0	20.4	23.0	31.8	21.6	21.8	3.1	23.6	33.8	24.8	32.0	25.4	30.8	
2	32.8	21.0	23.6	30.8	21.4	21.8	3.5	24.0	33.6	25.0	32.0	26.0	31.0	
3	32.0	20.8	23.4	31.8	21.4	22.0	3.2	24.4	34.6	25.6	33.0	25.8	32.0	
4	33.0	21.0	23.6	32.2	21.8	22.0	3.2	23.8	37.6	23.9	35.6	24.0	33.8	
5	33.4	21.0	23.4	33.0	21.6	21.8	3.4	23.8	38.4	24.4	36.6	25.6	33.8	
6	34.0	21.0	23.8	32.0	21.2	21.4	4.1	24.0	38.0	25.4	36.8	26.6	33.6	
7	32.4	20.2	23.4	30.0	21.0	21.0	3.6	23.0	35.6	23.8	34.8	25.0	33.0	
8	31.6	20.0	23.4	31.6	21.0	21.8	3.3	22.4	38.6	23.6	37.0	24.0	35.0	
9	32.4	21.0	24.0	33.0	21.6	22.0	3.7	22.8	38.6	23.8	36.6	24.8	35.0	
10	35.0	21.4	24.0	31.8	22.0	21.8	4.6	22.8	38.8	23.8	37.0	24.4	35.6	
11	34.6	21.4	23.8	32.0	21.4	21.8	4.4	23.8	38.6	24.6	33.4	25.4	33.0	
12	33.6	21.2	23.6	31.8	21.2	21.8	4.0	22.4	38.4	23.6	36.0	25.0	34.0	
13	33.0	20.0	23.4	31.8	21.6	21.0	4.0	22.6	39.0	23.8	37.0	24.4	35.4	
14	33.0	20.8	23.6	32.4	21.2	21.8	3.9	24.6	39.0	26.6	37.6	27.8	36.6	
15	34.0	21.0	24.0	31.6	21.6	21.6	4.1	25.8	38.8	26.6	37.0	28.0	35.0	
16	34.2	21.0	23.8	31.0	21.2	22.0	3.6	24.8	38.4	25.6	36.8	27.0	36.0	
17	32.6	21.0	24.0	31.8	22.0	21.0	3.3	24.0	38.4	24.4	37.6	25.6	36.6	
18	34.0	20.0	23.2	30.6	20.8	21.2	4.6	23.0	37.8	24.0	36.0	25.4	35.8	
19	31.2	20.8	23.2	30.6	20.8	20.6	4.3	24.0	36.6	24.8	34.8	25.0	33.0	
20	31.6	20.6	23.0	32.4	20.8	21.4	4.3	22.0	37.0	23.8	35.6	24.4	34.8	
21	34.0	20.0	23.4	32.6	21.0	21.6	4.6	22.8	37.8	23.8	36.0	25.0	35.0	
22	34.0	21.0	23.6	32.4	21.0	21.8	4.4	23.0	37.6	24.6	36.0	25.2	35.0	
23	34.0	20.0	23.8	32.4	21.2	21.6	4.2	23.8	38.0	24.8	37.0	25.6	35.2	
24	34.8	20.0	23.0	32.6	20.8	21.8	4.3	23.6	38.2	24.8	36.6	25.8	35.4	
25	34.8	20.6	23.4	31.0	21.6	21.6	4.3	23.8	36.0	24.4	34.6	25.0	34.0	
26	32.0	19.8	23.0	30.8	21.4	21.6	3.8	23.0	36.6	24.0	34.6	24.6	33.0	
27	32.0	20.6	22.8	31.4	20.8	21.2	4.2	22.6	30.0	23.6	28.8	24.4	28.0	
28	33.0	20.0	22.8	30.0	20.6	21.8	4.0	22.0	36.8	23.4	35.6	24.0	35.0	
29	31.8	19.8	23.4	30.2	21.2	21.4	4.4	22.4	35.6	23.8	33.0	24.6	32.0	
30	31.8	19.0	22.0	30.0	20.8	21.6	4.0	22.0	35.8	23.0	33.0	24.4	32.0	
31	30.2	20.0	23.4	30.8	21.2	21.4	3.7	22.4	35.6	23.6	34.8	24.0	34.0	
<b>Mean</b>	<b>33.0</b>	<b>20.5</b>	<b>23.4</b>	<b>31.6</b>	<b>21.3</b>	<b>21.6</b>	<b>3.9</b>	<b>23.3</b>	<b>37.0</b>	<b>24.4</b>	<b>35.3</b>	<b>25.2</b>	<b>33.9</b>	
<b>Weekly mean</b>														
<b>Std. Week No:19 ( May 7- May 13) No. of Days: 7</b>														
<b>Mean</b>	32.8	20.8	23.5	31.7	21.4	21.7	3.4	23.8	35.9	24.7	34.4	25.5	32.6	
<b>Std. Week No:20 (May 14 - May 20) No. of Days: 7</b>														
<b>Mean</b>	33.3	20.8	23.7	32.1	21.4	21.7	4.0	23.1	38.7	24.3	36.4	25.1	34.9	
<b>Std. Week No: 21 ( May21 - May 27) No. of Days: 7</b>														
<b>Mean</b>	33.1	20.6	23.5	31.5	21.2	21.3	4.1	23.8	37.8	24.7	36.3	25.8	35.2	
<b>Std. Week No:22 ( May 28 - June 3) No. of Days: 7</b>														
<b>Mean</b>	33.5	20.3	23.2	31.5	21.1	21.6	4.2	23.1	36.2	24.2	34.7	24.9	33.7	

**PART II**

**Time of Observation:**

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

**Month: May**

**Year : 2020**

**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	0830
	0700	1400	0700	1400	0700	0700	1400					
	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	IST	IST
1	18.6	19.7	88	40	2.6	225	270	2.6	0	0	0.0	6.2
2	17.9	19.8	82	44	3.9	270	225	3.9	0	2	0.0	6.6
3	18.0	20.2	83	41	2.7	225	225	2.7	0	2	0.0	6.8
4	18.6	19.9	85	39	2.5	225	315	2.5	0	0	2.6	7.0
5	18.4	19.7	85	35	3.3	225	225	3.3	0	0	0.0	7.2
6	17.4	19.2	79	37	2.9	225	225	10.8	0	2	0.0	6.6
7	17.3	18.7	80	43	3.2	225	270	6.2	2	2	3.8	4.4
8	17.3	20.0	80	41	3.4	270	225	3.4	0	2	0.0	4.2
9	18.0	20.0	81	36	2.9	360	225	7.3	0	0	0.0	6.0
10	18.7	19.5	84	40	5.8	225	225	10.9	0	0	0.0	6.0
11	17.8	19.8	80	39	5.3	225	225	10.5	0	2	0.0	6.8
12	17.6	19.9	80	40	3.9	90	225	8.1	2	2	0.0	6.2
13	18.4	18.3	85	36	6.1	225	225	7.3	0	0	0.0	6.4
14	17.6	19.9	80	38	3.4	270	225	9.1	0	0	0.0	6.6
15	18.0	19.3	81	40	4.3	90	270	8.9	0	2	0.0	7.4
16	17.4	20.3	79	44	5.2	270	225	1.3	2	3	0.0	6.4
17	18.7	18.1	84	36	3.0	270	225	2.4	2	2	0.0	5.8
18	17.1	19.1	80	42	8.2	270	270	9.2	3	3	0.0	6.0
19	17.1	18.1	80	38	9.9	270	225	5.3	8	3	0.0	4.4
20	17.2	19.4	82	36	10.4	225	270	4.5	4	2	0.0	6.2
21	17.3	19.7	80	36	8.3	270	270	8.9	0	0	0.0	7.0
22	17.2	20.0	79	38	7.1	270	225	7.4	3	2	14.0	4.8
23	17.4	19.6	79	37	5.7	270	270	7.1	0	0	0.0	6.0
24	17.2	20.1	82	37	5.6	270	90	7.8	0	0	0.0	7.2
25	18.4	19.3	85	42	5.8	270	270	7.0	0	3	27.6	5.2
26	18.2	19.5	87	43	4.4	270	270	6.4	6	3	1.4	4.8
27	17.3	19.1	83	38	4.9	225	225	9.0	3	3	12.4	4.4
28	17.0	20.3	82	47	5.4	270	225	6.2	6	2	18.6	4.0
29	17.7	19.2	82	44	7.0	225	225	9.7	0	3	0.4	4.8
30	17.8	19.8	90	46	5.3	320	320	8.4	6	3	44.2	4.0
31	17.7	19.2	82	42	4.7	320	270	5.6	2	2	0.0	4.8
<b>Mean</b>	<b>17.7</b>	<b>19.5</b>	<b>82</b>	<b>40</b>	<b>5.1</b>	<b>..</b>	<b>..</b>	<b>6.6</b>	<b>2</b>	<b>2</b>	<b>125.0</b>	<b>5.8</b>
<b>Weekly mean</b>												
<b>Std. Week No:19 ( May 7- May 13) No. of Days: 7</b>												
<b>Mean</b>	18.0	19.5	83	40	3.0	..	..	4.6	0	1	0.9	6.4
<b>Std. Week No:20 (May 14 - May 20) No. of Days: 7</b>												
<b>Mean</b>	17.9	19.2	82	38	4.4	..	..	8.1	0	1	0.0	6.0
<b>Std. Week No: 21 ( May21 - May 27) No. of Days: 7</b>												
<b>Mean</b>	17.6	19.6	81	39	7.0	..	..	5.8	3	2	1.8	6.2
<b>Std. Week No:22 ( May 28 - June 3) No. of Days: 7</b>												
<b>Mean</b>	17.5	19.6	82	40	5.6	..	..	7.3	2	2	13.1	5.2

**PART- I**

District : Bengaluru  
State : Karnataka

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

Month: June  
Year : 2020

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	31.6	20.2	23.2	29.6	20.8	21.2	3.7	23.6	35.0	23.8	33.0	24.0	30.8
2	30.2	20.2	23.0	26.6	21.0	21.2	3.8	22.6	33.6	23.8	31.8	24.0	30.0
3	27.6	19.2	22.8	26.8	20.8	21.4	3.0	22.0	33.0	23.0	31.8	23.8	30.2
4	28.0	19.8	22.8	27.8	21.0	21.6	3.5	22.0	33.2	22.8	31.4	23.8	30.8
5	29.0	19.6	22.4	29.0	21.2	21.8	3.5	22.4	33.0	23.8	31.8	24.0	30.4
6	30.2	19.8	23.2	29.0	21.2	21.4	4.0	22.6	31.6	23.6	30.0	24.0	29.0
7	30.0	19.8	22.6	28.6	20.8	21.4	3.9	22.4	30.0	23.8	30.0	24.0	28.8
8	29.6	19.4	22.8	30.0	21.2	21.8	3.4	22.4	36.6	22.8	34.8	23.0	34.0
9	31.6	20.0	23.0	28.6	21.2	21.6	3.8	22.6	36.4	23.8	34.8	24.0	34.2
10	30.0	20.8	23.0	28.0	21.4	21.0	3.6	22.4	35.6	23.6	34.8	23.8	33.0
11	29.6	20.2	22.8	27.8	20.8	21.0	3.4	22.2	35.8	23.0	33.8	24.0	32.6
12	28.2	18.8	22.4	26.0	19.8	21.0	3.2	22.0	36.4	23.0	34.0	23.4	33.0
13	26.2	17.8	22.0	27.0	20.4	21.4	2.8	21.8	36.2	22.4	33.8	23.8	30.0
14	27.8	18.0	22.0	28.0	21.4	21.8	3.4	22.4	35.0	24.0	34.2	26.0	30.0
15	28.4	18.8	23.2	27.8	21.2	21.8	3.8	22.4	36.2	23.8	34.0	24.0	33.4
16	28.2	20.0	23.0	26.0	21.6	20.6	3.6	22.2	36.0	23.6	34.8	23.8	33.6
17	27.0	20.0	22.4	26.6	20.8	21.0	3.0	22.8	36.4	23.6	34.8	24.0	33.8
18	27.2	19.8	22.6	26.0	21.4	21.4	2.7	22.4	35.6	23.6	33.0	24.0	32.6
19	26.2	19.0	22.2	28.8	21.0	21.2	2.7	22.4	36.6	23.0	34.8	23.8	33.4
20	29.6	20.2	23.0	28.0	21.2	21.8	4.0	22.8	35.8	23.6	34.0	24.4	33.0
21	29.0	19.6	23.2	27.8	21.4	21.6	3.6	23.4	36.6	24.0	35.0	24.8	33.8
22	28.6	18.8	23.0	28.0	21.0	21.4	3.3	23.0	36.8	23.8	35.4	24.4	33.6
23	29.4	18.6	22.8	28.8	21.4	21.6	3.5	23.0	35.0	23.6	34.0	24.0	33.8
24	31.0	20.0	22.8	29.6	21.0	21.8	4.2	22.6	34.6	23.0	33.0	24.0	32.0
25	30.4	19.8	23.0	28.0	21.2	21.6	4.0	22.4	34.4	23.0	33.0	23.8	32.2
26	29.4	18.8	22.8	27.8	21.2	21.8	3.5	22.4	34.0	23.6	33.2	23.6	33.0
27	29.0	20.0	22.8	28.0	21.4	21.6	3.7	22.4	34.0	23.6	33.0	23.8	32.2
28	29.0	20.4	22.6	28.6	21.2	21.4	3.3	22.0	34.6	23.0	33.0	23.8	22.4
29	29.8	20.0	22.6	28.0	20.8	21.8	3.5	22.0	33.0	22.6	31.8	23.4	29.6
30	28.8	19.8	22.8	28.4	21.6	21.4	3.6	22.2	33.8	23.0	33.8	23.2	33.0
<b>Mean</b>	<b>29.0</b>	<b>19.6</b>	<b>22.8</b>	<b>28.0</b>	<b>21.1</b>	<b>21.4</b>	<b>3.5</b>	<b>22.5</b>	<b>34.8</b>	<b>23.4</b>	<b>33.4</b>	<b>23.9</b>	<b>31.7</b>
<b>Weekly mean</b>													
<b>Std.Week No:23 (June 4 - June 10) No. of Days: 7</b>													
<b>Mean</b>	<b>29.8</b>	<b>19.9</b>	<b>22.8</b>	<b>28.7</b>	<b>21.1</b>	<b>21.5</b>	<b>3.7</b>	<b>22.4</b>	<b>33.8</b>	<b>23.5</b>	<b>32.5</b>	<b>23.8</b>	<b>31.5</b>
<b>Std.Week No:24 (June 11 - June 17) No. of Days: 7</b>													
<b>Mean</b>	<b>27.9</b>	<b>19.1</b>	<b>22.5</b>	<b>27.0</b>	<b>20.9</b>	<b>21.2</b>	<b>3.3</b>	<b>22.3</b>	<b>36.0</b>	<b>23.3</b>	<b>34.2</b>	<b>24.1</b>	<b>32.3</b>
<b>Std.Week No: 25 ( June 18 - June 24) No. of Days: 7</b>													
<b>Mean</b>	<b>28.7</b>	<b>19.4</b>	<b>22.8</b>	<b>28.1</b>	<b>21.2</b>	<b>21.5</b>	<b>3.4</b>	<b>22.8</b>	<b>35.9</b>	<b>23.5</b>	<b>34.2</b>	<b>24.2</b>	<b>33.2</b>
<b>Std.Week No:26 ( June 25 - July 01) No. of Days: 7</b>													
<b>Mean</b>	<b>29.4</b>	<b>19.8</b>	<b>22.8</b>	<b>28.1</b>	<b>21.2</b>	<b>21.6</b>	<b>3.6</b>	<b>22.2</b>	<b>34.0</b>	<b>23.1</b>	<b>33.0</b>	<b>23.6</b>	<b>30.4</b>

**PART II**

**Time of Observation:**

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

**Month: June**

**Year : 2020**

**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		
	0700	1400	0700	1400	0700	0700	1400					
	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	0830	0830
1	17.1	14.2	80	46	4.7	270	230	6.9	2.0	3.0	0.0	4.2
2	17.5	15.9	83	61	6.3	230	230	8.8	4.0	4.0	0.0	4.6
3	17.3	16.1	83	61	10.1	230	230	1.8	3.0	4.0	0.0	3.8
4	17.7	15.9	85	57	9.6	230	230	5.7	6.0	3.0	0.0	3.4
5	18.2	15.6	90	52	6.7	230	230	6.6	3.0	2.0	0.8	4.2
6	17.8	14.9	83	50	8.2	230	230	9.6	2.0	3.0	0.0	3.4
7	17.4	15.1	85	52	7.0	230	230	8.8	8.0	6.0	4.2	3.2
8	18.0	15.0	86	47	6.5	270	230	5.7	6.0	3.0	0.0	3.6
9	17.9	15.5	85	53	6.4	270	230	7.2	3.0	3.0	0.0	4.6
10	18.2	14.8	87	52	8.0	230	230	4.5	6.0	3.0	0.0	3.8
11	17.3	14.9	83	53	7.0	270	230	3.7	8.0	3.0	0.0	3.4
12	15.9	15.9	78	63	10.0	230	230	1.6	4.0	3.0	27.2	3.0
13	17.1	16.0	86	60	10.9	230	230	2.5	2.0	3.0	0.0	3.6
14	18.8	16.1	95	57	9.5	230	230	8.0	3.0	3.0	0.0	3.0
15	17.8	16.3	83	58	12.0	230	230	8.7	3.0	3.0	0.0	3.8
16	18.6	15.2	88	60	10.4	230	230	5.7	6.0	4.0	0.0	4.4
17	17.5	15.5	86	60	9.9	230	230	1.1	8.0	3.0	0.0	3.8
18	18.4	16.6	90	66	9.3	270	230	0.2	6.0	4.0	0.0	3.4
19	18.0	14.7	90	49	9.1	230	230	0.6	6.0	3.0	0.0	2.8
20	17.9	16.1	85	57	9.6	230	230	7.3	4.0	4.0	0.0	4.8
21	18.1	15.9	85	57	8.5	230	230	6.1	6.0	4.0	0.0	3.8
22	17.5	15.5	83	55	8.8	230	230	3.8	6.0	3.0	0.0	4.2
23	18.3	15.4	88	52	8.7	230	230	5.2	4.0	3.0	0.0	3.8
24	17.7	15.3	85	49	6.0	230	230	10.1	3.0	3.0	4.4	4.6
25	17.9	15.8	85	56	5.5	230	230	9.0	3.0	3.0	10.4	3.6
26	18.0	16.3	86	58	4.5	315	230	7.0	4.0	4.0	29.4	3.4
27	18.3	15.8	88	56	4.3	230	230	8.4	6.0	4.0	0.0	4.0
28	18.1	15.1	88	52	4.6	270	270	3.6	4.0	4.0	0.0	3.8
29	17.4	16.1	85	57	4.6	270	270	4.7	6.0	4.0	0.4	2.8
30	18.7	15.2	90	53	5.3	270	230	4.4	6.0	4.0	0.0	3.2
Mean	17.8	15.6	86	55	7.7	..	..	5.6	4.7	3.4	76.8	3.7
<b>Weekly mean</b>												
<b>Std. Week No:23 (June 4 - June 10) No. of Days: 7</b>												
Mean	17.9	15.3	86	52	7.5	..	..	6.9	5	3	5.0	3.7
<b>Std. Week No:24 (June 11 - June 17) No. of Days: 7</b>												
Mean	17.6	15.7	86	59	10.0	..	..	4.5	5	3	27.2	3.6
<b>Std. Week No: 25 (June 18 - June 24) No. of Days: 7</b>												
Mean	18.0	15.6	86	55	8.6	..	..	4.8	5	3	4.4	3.9
<b>Std. Week No:26 (June 25 - July 01) No. of Days: 7</b>												
Mean	18.1	15.7	87	55	4.8	..	..	6.2	5	4	40.2	3.5

**Note: Rainfall is in total**

District : Bengaluru  
State : Karnataka

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

Month : July  
Year : 2020

Date	Air Temperature °C						PET (mm)	Soil Temperature °C					
	Max	Min.	Dry	Dry	Wet	Wet		5 cm	5 cm	10cm	10cm	15cm	15cm
	0700 LM T	1400 LMT	0700 LM T	1400 LMT	0700 LMT	1400 LMT	0830 IST	0700 LMT	1400 LM T	0700 LMT	1400 LMT	0700 LM T	1400 LM T
1	29.4	19.0	22.6	28.6	21.0	21.6	3.5	22.4	34.0	23.6	33.4	24.0	32.8
2	29.2	20.0	22.8	25.0	21.2	21.0	3.4	22.6	31.6	23.6	30.0	23.8	28.8
3	25.8	19.2	22.0	27.0	20.8	21.4	2.4	22.0	30.0	23.0	28.6	23.4	27.8
4	27.8	18.8	22.0	26.0	20.8	21.8	2.9	22.0	29.8	23.0	28.8	23.8	28.0
5	26.0	18.2	22.0	27.0	20.8	21.6	2.5	21.8	30.8	22.0	30.0	22.8	28.8
6	28.0	19.2	22.8	26.4	21.4	21.2	3.1	22.0	29.6	23.2	28.0	23.8	27.4
7	26.6	18.2	22.4	27.8	21.0	21.8	2.4	21.6	28.6	22.0	27.8	22.8	27.0
8	28.2	18.2	22.8	27.8	21.6	21.6	3.2	21.6	28.0	22.4	27.6	23.6	27.0
9	29.0	18.4	21.8	28.0	20.8	21.4	3.2	20.8	28.6	21.6	27.8	22.0	26.8
10	29.0	18.2	22.0	26.4	21.2	21.2	3.2	20.4	27.8	21.0	27.0	22.0	26.8
11	26.6	18.8	22.4	26.8	20.8	21.2	2.6	20.4	27.8	22.0	26.6	23.0	26.0
12	27.6	19.4	21.0	28.0	20.4	21.6	3.4	20.8	28.6	21.6	27.6	22.4	27.0
13	29.4	19.6	22.2	27.8	21.0	21.6	3.7	21.0	31.4	22.0	30.0	23.4	28.8
14	28.4	20.0	22.2	25.8	21.2	20.8	3.1	21.6	29.0	22.0	27.6	22.8	26.0
15	26.0	19.8	22.0	26.0	21.2	21.0	2.4	21.6	28.6	22.0	27.0	22.6	26.6
16	26.2	18.0	21.8	25.6	21.0	20.8	2.5	21.6	26.6	22.4	25.8	22.8	24.6
17	25.8	18.8	20.4	24.6	20.0	21.4	2.4	20.8	27.0	21.6	26.6	22.4	25.8
18	25.8	18.4	22.6	26.0	20.8	21.0	2.4	21.2	27.6	21.6	26.0	23.8	25.0
19	26.8	19.8	22.0	27.4	21.2	21.8	2.7	21.2	28.4	21.8	26.6	22.0	24.8
20	28.8	19.0	22.0	27.8	21.2	21.6	3.0	21.0	28.0	21.8	26.6	22.4	24.6
21	29.4	18.0	22.0	28.0	21.2	21.8	3.4	22.0	31.0	23.0	28.8	23.2	27.4
22	29.4	20.2	23.0	28.6	21.6	21.6	3.9	22.4	33.0	23.4	30.0	25.0	28.8
23	30.0	19.8	23.0	28.8	21.6	21.8	3.8	22.4	31.6	23.6	29.8	24.6	27.6
24	30.0	17.4	22.0	26.0	21.0	21.6	3.4	22.0	32.0	23.0	30.0	23.8	28.8
25	26.4	18.8	22.8	27.4	21.4	21.8	2.5	21.8	31.8	22.8	30.4	23.8	27.8
26	28.4	18.2	22.0	27.0	21.4	21.6	3.1	22.0	31.8	23.2	30.0	24.2	29.0
27	27.2	19.0	22.0	27.8	21.0	21.6	3.5	22.4	31.6	23.8	30.0	24.0	28.8
28	29.8	19.8	21.4	28.0	20.8	21.8	3.9	21.8	30.8	22.4	28.8	24.0	28.4
29	28.4	19.6	22.6	24.8	21.6	20.8	3.6	21.6	29.0	22.4	27.8	23.8	26.8
30	25.0	19.0	20.8	27.6	20.0	21.6	2.4	21.4	29.0	22.0	27.6	23.0	26.6
31	28.0	19.2	21.8	27.8	21.2	21.6	3.1	21.4	30.8	22.0	29.0	22.8	27.0
Mean	27.8	19.0	22.1	27.0	21.0	21.5	3.0	21.6	29.8	22.4	28.4	23.3	27.3
<b>Weekly mean</b>													
Std. Week No:27 (July 2 - July 8) No. of Days: 7													
Mean	27.4	18.8	22.4	26.7	21.1	21.5	2.9	21.9	29.8	22.7	28.7	23.4	27.8
Std. Week No:28 (July 9 - July 15) No. of Days: 7													
Mean	28.0	19.2	21.9	27.0	20.9	21.3	3.1	20.9	28.8	21.7	27.7	22.6	26.9
Std. Week No:29 (July 16 - July 22) No. of Days: 7													
Mean	27.5	18.9	22.0	26.9	21.0	21.4	2.9	21.5	28.8	22.2	27.2	23.1	25.9
Std. Week No:30 ( July 23 - July 29) No. of Days: 7													
Mean	28.6	18.9	22.3	27.1	21.3	21.6	3.4	22.0	31.2	23.0	29.5	24.0	28.2
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- I**

Lat : 13° 05' N

Month : August

District :  
Bengaluru

State : Karnataka

Long : 77° 34' E

Year : 2020

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
	LMT	LMT	LMT	LMT	LMT	LMT	IST	LMT	LMT	LMT	LMT	LMT	LMT
1	29.0	18.8	21.0	27.6	20.2	21.6	4.7	21.6	30.8	22.6	28.8	23.0	27.0
2	28.0	19.0	22.4	27.8	21.6	21.4	4.4	21.8	29.0	22.0	28.0	23.0	27.0
3	28.8	18.8	21.2	26.2	20.6	21.6	4.7	21.4	29.2	22.0	28.4	23.0	27.8
4	26.2	18.2	22.0	24.8	21.2	21.0	4.0	21.6	28.0	22.4	26.6	23.4	26.0
5	25.0	18.4	20.8	25.0	20.0	20.4	3.6	21.0	27.6	22.0	26.6	22.4	26.0
6	25.8	19.0	22.4	26.8	21.6	21.0	3.7	21.6	27.6	22.8	26.8	23.8	26.0
7	27.8	19.0	22.0	27.0	21.2	20.8	4.4	21.8	27.0	22.4	26.6	23.6	26.4
8	27.2	19.4	21.0	26.6	20.2	20.4	4.1	21.6	26.6	22.0	26.0	23.4	25.8
9	27.0	18.8	20.0	25.8	19.8	20.4	4.2	21.0	26.8	22.0	26.4	23.0	26.0
10	26.0	18.0	19.8	24.6	19.6	21.0	4.0	21.2	26.8	22.0	26.0	23.0	26.0
11	24.8	18.4	21.6	27.4	20.8	21.2	3.6	20.8	27.0	21.6	26.6	21.8	26.2
12	27.8	18.2	20.8	26.2	20.0	20.8	4.5	20.6	26.8	21.0	26.6	21.8	26.0
13	26.6	18.6	21.4	27.0	20.8	21.0	4.1	21.0	26.6	22.0	26.0	22.4	26.0
14	27.6	18.2	20.2	26.8	20.0	20.8	4.4	21.6	26.8	22.0	26.4	23.8	26.0
15	27.4	18.6	20.4	25.0	20.0	20.6	4.3	21.4	26.6	22.6	26.0	22.8	26.0
16	25.2	18.8	21.6	23.0	20.4	20.6	3.6	21.6	27.0	22.0	26.0	22.8	25.8
17	23.0	18.2	20.2	25.8	19.8	21.2	3.0	21.0	26.6	22.0	26.0	23.0	25.8
18	26.2	18.2	21.8	26.0	21.0	20.8	4.0	21.0	26.8	21.8	26.2	22.4	26.0
19	26.2	17.8	20.8	26.4	20.2	20.4	4.1	21.2	26.6	22.0	26.0	23.0	25.8
20	26.8	19.0	21.0	25.4	20.2	20.0	4.0	21.4	26.6	22.0	25.0	22.8	24.6
21	25.8	18.0	21.0	26.2	20.2	20.8	3.9	21.6	26.6	22.0	26.0	23.4	25.8
22	26.8	19.2	22.0	28.0	21.2	21.4	4.0	21.6	27.8	22.4	26.6	23.8	26.0
23	29.0	19.6	22.4	27.0	21.2	21.6	4.6	21.8	27.0	22.8	26.4	24.0	26.2
24	27.8	19.0	21.8	26.8	20.8	21.2	4.3	21.6	27.2	22.4	27.0	23.4	26.6
25	27.8	18.8	22.0	28.8	20.8	21.0	4.4	22.8	27.8	23.0	26.8	24.0	26.4
26	29.6	18.6	22.4	28.0	21.8	21.2	4.9	22.0	27.8	22.4	26.6	23.8	26.0
27	29.8	19.4	20.8	27.8	20.0	21.2	4.8	22.0	28.0	23.0	26.8	24.0	26.6
28	28.6	18.8	21.2	28.8	20.6	21.8	4.6	21.8	28.8	22.4	27.6	23.6	27.0
29	29.6	19.4	22.6	28.6	21.4	21.0	4.8	22.0	29.0	23.6	27.8	24.8	27.2
30	30.4	19.8	22.0	29.0	20.8	21.0	4.9	22.0	30.0	22.8	28.8	23.8	27.4
31	30.2	18.6	21.8	28.0	20.8	21.2	5.1	22.0	30.0	23.0	29.0	23.8	27.6
Mean	27.3	18.7	21.4	26.7	20.6	21.0	4.2	21.5	27.6	22.3	26.8	23.2	26.3
Std. Week No: 32 (August 6- August 12) No. of Days: 7													
Mean	26.6	18.7	21.1	26.3	20.5	20.8	4.1	21.2	26.9	22.0	26.4	22.9	26.1
Std. Week No: 33 (August 13 -August 19) No. of Days: 7													
Mean	26.0	18.3	20.9	25.7	20.3	20.8	3.9	21.3	26.7	22.1	26.1	22.9	25.9
Std. Week No: 34 ( August 20 - August 26) No. of Days: 7													
Mean	27.7	18.9	21.8	27.2	20.9	21.0	4.3	21.8	27.3	22.4	26.3	23.6	25.9
Std. Week No:35 (August 27 - Sept. 02 ) No. of Days: 7													
Mean	29.7	19.2	21.7	28.4	20.7	21.2	4.5	22.0	29.2	23.0	28.0	24.0	27.2

**PART- II**

Time of Observation:

Month : August

I---> 0700 Hours LMT = 0720 IST

Year : 2020

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	1400	0700	0700	1400	0700			0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	IST	IST
1	17.3	16.0	93	58	6.8	230	230	6.5	8	3	0.0	3.0
2	18.9	15.6	93	56	9.3	270	230	7.0	4	6	1.6	3.8
3	17.9	16.8	95	66	9.6	230	230	6.4	8	4	10.0	2.0
4	18.4	16.5	93	70	10.8	230	230	1.2	6	4	0.0	2.8
5	17.1	15.4	93	65	12.4	270	270	0.4	8	6	1.6	1.8
6	18.9	15.4	93	58	11.4	230	230	1.7	6	4	0.0	2.6
7	18.4	15.0	93	56	10.2	230	230	4.7	8	3	0.0	2.4
8	17.3	14.5	93	56	10.1	230	230	1.6	8	4	0.0	3.0
9	17.2	15.0	98	60	7.5	230	230	1.3	6	6	6.4	2.0
10	17.0	16.7	98	72	8.5	230	230	0.6	8	6	5.2	2.2
11	18.0	15.4	93	56	8.3	230	230	0.0	8	6	0.0	1.8
12	17.1	15.4	93	61	7.6	230	230	5.7	6	4	12.2	2.0
13	18.1	15.3	95	57	7.8	270	230	0.8	6	6	2.8	2.8
14	17.4	15.1	98	57	8.8	270	230	5.2	8	6	0.0	2.4
15	17.3	15.8	96	66	8.0	230	230	0.3	8	6	0.0	2.2
16	17.3	16.9	89	80	8.3	230	230	0.0	8	6	0.0	2.6
17	17.1	16.3	96	66	7.3	230	230	0.0	6	6	0.0	2.4
18	18.2	15.5	93	62	7.2	230	230	2.8	6	6	10.2	2.0
19	17.4	14.7	95	57	7.1	230	230	2.9	6	6	1.2	2.2
20	17.3	14.5	93	60	6.3	230	230	0.9	8	6	0.0	2.0
21	17.3	15.4	93	61	5.5	230	230	0.0	6	4	4.2	2.2
24	18.4	15.5	93	55	6.3	230	230	3.4	4	4	0.0	2.2
23	18.2	16.4	90	61	4.6	230	230	6.9	4	4	0.0	2.8
24	17.9	15.8	91	60	4.1	230	230	0.0	6	3	1.0	2.0
25	17.8	14.3	90	48	4.0	270	270	2.8	2	3	0.0	3.8
26	19.3	15.1	95	53	3.7	270	230	6.3	6	4	0.0	4.0
27	17.1	15.2	93	54	3.8	230	230	5.6	8	3	0.0	4.2
28	17.9	15.7	95	53	2.2	270	230	6.8	0	2	0.0	4.2
29	18.4	14.4	90	49	5.6	230	230	10.2	0	3	0.0	5.0
30	17.8	14.2	90	47	8.4	230	230	9.8	3	3	0.0	4.8
31	17.9	15.1	91	53	1.7	315	230	10.3	3	3	10.0	3.4
<b>Mean</b>	<b>17.8</b>	<b>15.5</b>	<b>93</b>	<b>59</b>	<b>7.2</b>	<b>..</b>	<b>..</b>	<b>3.6</b>	<b>6</b>	<b>5</b>	<b>66.4</b>	<b>2.8</b>
<b>Std. Week No: 32 (August 6 - August 12) No. of Days: 7</b>												
<b>Mean</b>	<b>17.7</b>	<b>15.4</b>	<b>94</b>	<b>60</b>	<b>9.1</b>	<b>..</b>	<b>..</b>	<b>2.2</b>	<b>7.1</b>	<b>4.7</b>	<b>23.8</b>	<b>2.3</b>
<b>Std. Week No: 33 (August 13 - August 19) No. of Days: 7</b>												
<b>Mean</b>	<b>17.6</b>	<b>15.7</b>	<b>95</b>	<b>64</b>	<b>7.8</b>	<b>..</b>	<b>..</b>	<b>1.7</b>	<b>6.9</b>	<b>6.0</b>	<b>14.2</b>	<b>2.4</b>
<b>Std. Week No: 34 ( August 20 - August 26) No. of Days: 7</b>												
<b>Mean</b>	<b>18.0</b>	<b>15.3</b>	<b>92</b>	<b>57</b>	<b>4.9</b>	<b>..</b>	<b>..</b>	<b>2.9</b>	<b>5.1</b>	<b>4.0</b>	<b>5.2</b>	<b>2.7</b>
<b>Std. Week No: 35 ( August 27 - Sept.02 ) No. of Days: 7</b>												
<b>Mean</b>	<b>17.8</b>	<b>15.1</b>	<b>92</b>	<b>51</b>	<b>4.3</b>	<b>..</b>	<b>..</b>	<b>8.5</b>	<b>2.8</b>	<b>2.8</b>	<b>10.0</b>	<b>4.3</b>

**Note: Rainfall is in total**

## PART-I

District : Bengaluru

Lat : 13° 05' N

Month : September

State : Karnataka

Long : 77° 34' E

Year : 2020

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
	LMT	LMT	LMT	LMT	LMT	LMT	IST	LMT	LMT	LMT	LMT	LMT	LMT
1	29.8	18.4	21.4	27.0	20.6	21.0	3.3	21.8	29.8	22.4	28.8	23.0	27.0
2	27.8	18.4	21.8	25.0	20.8	21.0	2.4	21.0	36.6	22.0	34.8	23.4	34.0
3	26.0	18.6	22.0	27.8	21.2	23.2	2.0	20.8	30.8	22.0	30.0	23.0	28.8
4	28.4	18.8	22.0	28.0	21.0	21.4	3.0	21.0	29.8	22.0	29.0	22.8	27.6
5	29.0	20.8	22.2	28.0	21.8	21.8	3.4	22.0	28.8	23.0	27.6	23.8	27.0
6	28.4	20.8	22.0	28.0	21.0	21.0	2.9	22.0	28.6	22.8	27.8	23.6	27.4
7	29.8	19.2	22.0	27.8	20.8	21.2	3.6	21.8	28.8	22.6	27.8	23.8	27.6
8	29.0	19.0	22.0	27.8	20.6	21.4	3.5	21.6	29.0	22.0	28.0	23.4	27.8
9	29.0	18.4	21.6	28.0	20.8	21.2	3.3	21.0	27.6	21.8	26.0	22.4	26.0
10	28.8	18.2	20.8	27.0	20.2	20.8	3.1	21.2	28.0	22.0	27.0	22.6	26.2
11	27.6	18.6	20.8	25.6	20.0	20.6	3.2	22.4	26.6	23.8	26.0	24.0	26.0
12	25.8	18.8	20.8	26.0	20.2	20.8	2.6	21.6	26.4	22.0	26.0	22.8	25.0
13	26.8	18.4	21.0	24.8	20.4	20.6	2.5	21.0	26.0	21.4	25.8	22.0	24.8
14	25.0	17.4	20.4	25.4	20.0	20.4	2.3	21.0	26.2	21.2	25.6	21.8	25.4
15	25.6	17.8	20.8	26.0	20.2	20.8	2.5	21.4	27.0	22.0	26.6	22.4	26.0
16	26.6	18.0	21.0	26.6	20.2	21.0	2.7	21.6	27.0	22.0	26.8	23.6	26.6
17	26.8	18.2	21.4	26.8	20.8	21.2	2.8	21.8	27.4	22.0	26.8	23.6	26.4
18	27.4	18.8	22.4	27.6	21.0	21.4	3.1	22.0	29.0	23.0	27.4	23.8	26.8
19	28.0	19.0	21.4	26.0	20.4	21.0	3.4	22.0	27.0	23.4	26.6	23.8	26.2
20	26.0	18.6	21.4	26.6	20.8	21.4	2.6	21.6	27.0	22.0	26.0	23.0	26.0
21	27.0	18.8	21.8	26.0	20.8	20.4	2.8	21.4	26.6	22.0	26.0	23.4	26.0
22	26.6	19.2	21.2	25.4	20.8	20.8	3.1	21.6	26.0	22.6	25.8	23.8	25.4
23	25.8	18.2	20.2	26.6	19.8	21.4	2.9	21.4	27.8	22.4	26.6	23.0	26.0
24	27.6	17.8	21.8	26.4	20.8	20.4	3.5	21.6	27.8	22.4	26.8	23.8	26.6
25	26.8	18.0	21.6	26.2	20.8	20.2	2.9	22.4	27.6	23.6	26.6	24.0	26.4
26	29.0	17.8	20.0	25.4	19.6	21.2	3.6	21.0	28.6	21.8	27.0	22.0	26.0
27	25.4	18.0	20.0	26.0	19.8	21.6	2.2	20.8	28.8	22.0	27.4	23.4	27.0
28	26.8	19.0	21.8	27.8	21.0	21.8	2.9	21.8	29.6	22.4	28.0	23.6	27.4
29	28.0	19.6	22.4	26.4	21.0	20.8	3.3	22.0	28.0	23.6	27.6	24.0	26.6
30	26.8	19.4	20.8	26.2	20.0	20.8	2.8	21.0	27.6	22.0	27.0	23.0	26.8
Mean	27.4	18.7	21.4	26.6	20.6	21.1	2.9	21.5	28.2	22.3	27.3	23.2	26.8
Weekly Mean													
Std. Week No:36 ( Sept. 3 - Sept. 9) No. of Days : 7													
Mean	28.5	19.4	22.0	27.9	21.0	21.6	4.4	21.5	29.1	22.3	28.0	23.3	27.5
Std. Week No:37 ( Sept.10 - Sept.16) No. of Days: 7													
Mean	26.6	18.2	20.8	25.9	20.2	20.7	4.0	21.5	26.7	22.1	26.3	22.7	25.7
Std. Week No:38 ( Sept .17 - Sept. 23) No. of Days: 7													
Mean	26.8	18.7	21.4	26.4	20.6	21.1	3.9	21.7	27.3	22.5	26.5	23.5	26.1
Std. Week No:39 ( Sept. 24 - Sept.30) No. of Days: 7													
Mean	27.2	18.5	21.2	26.3	20.4	21.0	4.0	21.5	28.3	22.5	27.2	23.4	26.7



**PART  
II**

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month : September

Year : 2020

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		
	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	IST	IST
1	17.8	15.3	93	57	4.8	225	225	6.0	6.0	6.0	7.2	3.2
2	17.9	16.4	91	69	4.4	320	320	0.2	8.0	6.0	9.6	3.4
3	18.4	18.8	93	67	2.5	320	140	0.5	3.0	3.0	34.6	3.0
4	18.1	15.5	91	55	2.3	140	140	6.3	4.0	3.0	19.4	3.4
5	19.4	16.1	96	57	4.1	140	140	7.1	3.0	3.0	0.0	3.8
6	18.1	14.8	91	52	2.9	140	140	2.1	3.0	3.0	0.0	4.0
7	17.8	15.2	90	54	5.4	140	140	7.7	2.0	3.0	0.0	4.2
8	17.4	15.6	88	56	5.3	270	270	8.6	4.0	3.0	2.2	3.4
9	18.0	15.1	93	53	3.7	45	45	7.8	4.0	4.0	93.6	1.4
10	17.4	15.0	95	56	5.8	225	225	4.5	6.0	4.0	6.2	3.8
11	17.1	15.4	93	63	8.7	225	225	4.3	8.0	4.0	0.0	3.6
12	17.4	15.5	95	62	9.6	225	225	0.3	6.0	3.0	0.0	2.0
13	17.6	15.9	95	68	7.9	225	225	0.0	6.0	4.0	2.8	2.2
14	17.3	15.2	96	63	7.7	225	225	0.0	6.0	4.0	1.2	1.8
15	17.4	15.5	95	62	6.5	225	225	1.5	6.0	3.0	0.0	2.0
16	17.3	15.5	93	60	7.6	225	225	2.0	3.0	3.0	0.0	3.2
17	18.1	15.8	95	60	7.5	225	225	3.2	8.0	4.0	0.0	3.4
18	17.9	15.7	88	57	7.5	225	270	4.6	6.0	4.0	0.0	3.8
19	17.4	15.9	91	63	8.9	270	225	5.1	6.0	4.0	0.0	3.8
20	18.1	16.2	95	62	9.4	225	225	1.3	8.0	6.0	0.8	2.6
21	17.9	14.9	91	59	9.4	225	225	0.0	6.0	4.0	6.6	2.4
22	18.2	15.9	96	65	10.9	225	225	3.2	4.0	6.0	0.6	2.6
23	17.1	16.2	96	62	8.8	225	225	3.6	2.0	3.0	0.0	3.4
24	17.9	14.7	91	57	7.1	225	225	7.8	3.0	3.0	0.0	3.8
25	18.0	14.4	93	57	4.0	270	270	4.2	2.0	3.0	0.0	4.0
26	16.9	16.6	96	68	5.6	270	225	8.5	8.0	3.0	6.2	3.0
27	17.2	16.9	98	67	4.6	270	270	0.0	4.0	3.0	0.0	2.8
28	18.2	16.3	93	58	10.6	270	225	2.0	2.0	3.0	0.0	3.0
29	17.9	15.3	88	59	4.1	270	270	5.7	8.0	6.0	0.0	3.8
30	17.1	15.4	93	61	3.1	320	270	2.5	6.0	3.0	41.0	3.0
<b>Mean</b>	<b>17.7</b>	<b>15.7</b>	<b>93</b>	<b>60</b>	<b>6.4</b>	<b>..</b>	<b>..</b>	<b>3.7</b>	<b>5</b>	<b>4</b>	<b>232.0</b>	<b>3.1</b>
<b>Weekly Mean</b>												
<b>Std. Week No:36 ( Sept. 3 - Sept. 9) No. of Days : 7</b>												
<b>Mean</b>	18.2	15.9	92	56	3.7	..	..	5.7	3	3	149.8	3.3
<b>Std. Week No:37 ( Sept.10 - Sept.16) No. of Days: 7</b>												
<b>Mean</b>	17.4	15.4	94	62	7.7	..	..	1.8	6	4	10.2	2.7
<b>Std. Week No:38 ( Sept .17 - Sept. 23) No. of Days: 7</b>												
<b>Mean</b>	17.8	15.8	93	61	8.9	..	..	3.0	4	1	22.0	3.1
<b>Std. Week No:39 ( Sept. 24 - Sept.30) No. of Days: 7</b>												
<b>Mean</b>	17.6	15.7	93	61	5.6	..	..	4.4	5	3	47.2	3.3

**Note: Rainfall is in Total**

**PART- I**

District : Bengaluru

Lat : 13° 05' N

Month : October

State : Karnataka

Long : 77° 34' E

Year : 2020

Date	Air Temperature °C						Alt : 924 m (amsl)	Soil Temperature °C					
	Max.	Min.	Dry	Dry	Wet	Wet		PET (mm)	5 cm	5 cm	10 cm	10 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	26.6	17.8	20.2	26.6	19.8	21.4	4.0	21.6	27.8	22.0	27.0	23.0	26.6
2	27.0	18.0	21.8	27.0	20.6	21.6	4.0	21.8	28.6	22.4	27.0	23.4	26.6
3	28.2	19.4	21.4	26.0	20.6	20.8	4.1	21.8	28.8	22.6	27.6	23.8	27.0
4	26.2	17.4	21.4	27.2	20.8	20.4	3.9	21.8	8.8	22.4	27.6	23.6	27.0
5	27.8	17.8	20.4	27.4	19.8	21.6	4.2	22.0	30.0	23.6	28.8	23.8	28.0
6	27.8	18.2	21.4	28.8	20.8	21.4	4.2	22.0	31.0	23.4	30.0	23.8	28.2
7	29.4	18.8	21.8	28.6	21.0	21.6	4.5	22.4	32.4	23.8	30.0	24.0	29.0
8	29.4	19.0	22.4	29.4	21.2	21.8	4.4	22.4	31.8	23.8	30.0	24.4	29.0
9	30.6	19.8	22.6	28.8	21.4	21.6	4.6	22.8	31.6	23.8	30.0	24.6	28.8
10	29.4	18.0	21.8	27.8	20.0	21.4	4.6	21.8	30.4	22.0	28.8	23.0	28.0
11	29.0	18.2	21.2	27.0	19.8	21.0	4.4	21.4	30.0	22.0	28.0	22.8	27.0
12	27.4	17.8	20.8	25.0	20.0	20.4	4.0	21.6	28.0	22.4	27.0	23.0	26.4
13	25.4	18.4	20.6	22.8	18.4	20.8	3.4	21.4	27.6	22.0	26.6	23.0	26.0
14	22.8	18.0	20.2	24.4	19.8	20.6	2.7	21.6	28.0	22.4	27.0	23.6	26.6
15	24.6	17.8	20.8	26.0	19.8	21.0	3.3	21.6	29.6	22.8	28.0	23.8	27.6
16	26.4	18.0	21.6	25.8	21.0	20.8	3.7	22.4	29.0	23.0	28.0	23.8	26.8
17	26.0	18.0	21.0	28.2	20.0	21.4	3.6	22.0	29.4	23.2	28.2	23.8	27.0
18	29.0	20.8	21.4	27.0	20.8	21.6	3.9	22.4	27.8	23.4	27.0	23.8	26.8
19	27.6	18.4	21.8	25.0	21.0	21.4	3.9	21.8	27.8	22.0	27.2	23.4	26.2
20	25.2	18.6	21.4	25.4	20.6	21.6	3.2	21.6	28.0	22.4	27.6	23.6	26.4
21	25.6	18.6	20.4	26.0	20.0	20.8	3.3	21.4	27.0	22.0	26.8	23.2	26.0
22	26.8	18.2	21.0	25.6	20.2	20.8	3.7	21.0	26.0	22.0	25.6	22.8	25.4
23	25.8	18.0	20.4	27.0	20.2	21.0	3.5	21.0	26.0	22.0	25.8	22.8	25.4
24	27.6	17.2	19.8	26.2	19.0	21.2	4.0	20.8	26.8	21.8	26.0	22.0	25.6
25	26.4	18.2	21.6	27.0	20.8	21.4	3.6	21.4	27.8	22.4	27.0	23.0	26.8
26	28.6	18.0	21.6	26.6	20.8	21.8	4.1	21.6	28.0	22.0	26.8	23.2	26.0
27	26.8	18.0	21.8	26.0	21.4	21.8	3.7	21.6	28.8	22.4	28.0	23.4	26.8
28	26.0	16.2	19.0	26.8	18.8	20.8	3.7	21.0	29.4	22.0	28.0	22.8	27.0
29	27.4	16.8	21.4	27.2	20.8	21.0	4.0	21.2	29.8	22.0	29.6	23.4	28.0
30	27.4	18.0	20.8	27.0	19.8	21.4	3.8	21.8	31.8	22.4	30.0	23.8	29.0
31	27.2	16.6	21.8	27.6	21.0	21.4	3.9	21.8	31.4	22.8	30.0	24.0	28.8
Mean	27.1	18.1	21.1	26.7	20.3	21.2	3.9	21.7	28.4	22.6	27.9	23.4	27.1
Weekly mean													
Std. Week No: 40 (October 1- October 7) No. of Days: 7													
Mean	27.6	18.2	21.2	27.4	20.5	21.3	4.1	21.9	26.8	22.9	28.3	23.6	27.5
Std. Week No: 41 (October 8-October 14) No. of Days: 7													
Mean	27.7	18.5	21.4	26.5	20.1	21.1	4.0	21.9	29.6	22.6	28.2	23.5	27.4
Std. Week No: 42 ( October 15 - October 21) No. of Days: 7													
Mean	26.3	18.6	21.2	26.2	20.5	21.2	3.5	21.9	28.4	22.9	27.5	23.6	26.7
Std. Week No:43 (October 22 - October 28 ) No. of Days: 7													
Mean	26.9	17.7	20.7	26.5	20.2	21.3	3.8	21.2	27.5	22.1	26.7	22.9	26.1

**PART- II**

**Time of Observation:**

**Month : October**

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

**Year : 2020**

**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/hr)	Direction			0700	0700		
	0700	1400	0700	1400	0700	0700	1400					
	LMT	LMT	LMT	LMT	LMT	LMT	LMT	0700	LMT	LMT	0830	0830
1	17.1	16.2	96	62	6.0	270	270	1.3	4.0	3.0	2.2	2.8
2	17.5	16.4	90	61	4.2	270	270	6.0	3.0	3.0	0.0	3.4
3	17.8	15.5	93	62	5.0	270	270	7.4	4.0	3.0	0.0	3.8
4	18.1	14.2	95	53	7.1	270	270	4.6	3.0	3.0	6.8	3.8
5	17.0	16.1	95	59	6.2	270	270	3.9	2.0	2.0	0.0	4.0
6	18.1	15.0	95	51	4.0	320	320	8.0	0.0	2.0	0.0	4.2
7	18.2	15.5	93	53	4.7	320	320	9.6	2.0	2.0	0.0	4.6
8	18.2	15.4	90	50	4.0	230	230	9.3	0.0	0.0	0.0	4.8
9	18.4	15.4	90	52	3.8	230	230	9.0	2.0	2.0	0.0	5.4
10	16.5	15.6	84	56	3.6	320	320	2.2	3.0	3.0	12.2	4.0
11	16.5	15.3	88	57	5.3	320	320	0.0	3.0	3.0	6.0	3.6
12	17.1	15.4	93	65	5.1	320	270	0.0	4.0	3.0	1.0	3.0
13	14.7	17.3	81	83	6.3	270	270	0.0	6.0	3.0	7.8	3.2
14	17.1	16.1	96	70	8.9	270	270	0.0	4.0	3.0	0.0	3.6
15	16.8	15.9	91	63	10.3	270	270	2.4	3.0	2.0	0.0	4.0
16	18.3	15.7	95	63	6.3	270	270	7.5	2.0	3.0	0.0	4.6
17	17.0	15.3	91	54	2.7	230	230	8.4	3.0	3.0	0.0	4.4
18	18.1	16.4	95	61	2.9	230	270	0.0	3.0	4.0	0.0	3.8
19	18.2	17.1	93	72	2.3	230	230	4.8	8.0	6.0	4.8	3.0
20	17.8	17.2	93	71	2.7	320	320	0.0	6.0	3.0	1.2	3.6
21	17.3	15.5	96	62	3.1	230	230	0.0	8.0	4.0	61.2	3.2
22	17.3	15.8	93	64	2.7	230	230	1.7	8.0	4.0	4.8	3.0
23	17.6	15.3	98	57	4.2	230	230	1.7	6.0	6.0	10.6	2.0
24	16.0	16.1	93	63	4.7	230	230	2.6	8.0	6.0	6.2	2.8
25	18.0	16.0	93	60	2.3	320	320	1.2	6.0	3.0	0.0	2.8
26	18.0	16.9	93	65	2.4	320	320	7.8	2.0	3.0	2.8	3.0
27	18.9	17.3	96	68	2.1	45	90	7.8	0.0	0.0	0.0	4.4
28	16.2	15.1	98	57	3.5	45	320	9.5	0.0	2.0	0.0	3.6
29	18.1	15.2	95	56	4.2	320	45	8.9	2.0	2.0	0.0	4.4
30	16.8	16.0	91	60	3.7	45	45	3.0	0.0	0.0	0.0	4.2
31	18.2	15.7	93	57	3.8	45	45	4.3	0.0	0.0	0.0	3.8
<b>Mean</b>	<b>17.4</b>	<b>15.9</b>	<b>93</b>	<b>61</b>	<b>4.5</b>	<b>..</b>	<b>..</b>	<b>4.3</b>	<b>3</b>	<b>3</b>	<b>127.6</b>	<b>3.7</b>
<b>Weekly mean</b>												
<b>Std. Week No: 40 (October 1- October 7) No. of Days: 7</b>												
<b>Mean</b>	17.7	15.6	94	57	5.3	...	...	5.8	3	3	9.0	3.8
<b>Std. Week No: 41 (October 8-October 14) No. of Days: 7</b>												
<b>Mean</b>	16.9	15.8	89	62	6.2	...	...	2.9	3	2	27.0	4.1
<b>Std. Week No: 42 ( October 15 - October 21) No. of Days: 7</b>												
<b>Mean</b>	17.6	16.2	93	64	3.2	...	...	3.3	5	4	67.2	3.1
<b>Std. Week No:43 (October 22 - October 28 ) No. of Days: 7</b>												
<b>Mean</b>	17.4	16.1	95	62	3.3	...	...	4.6	4	3	24.4	3.7

District : Bengaluru  
State :  
Karnataka

PART- I

Lat : 13° 05' N

Long : 77° 34' E

Alt. : 924 m  
(amsl)

Month : November

Year 2020

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
1	27.8	18.2	22.0	28.8	20.8	21.6	3.8	22.0	31.8	22.8	29.0	24.4	28.8
2	30.0	18.6	22.4	28.0	21.0	21.4	4.3	22.6	29.6	24.0	28.8	25.4	27.8
3	29.2	18.8	22.4	28.0	21.2	21.4	4.1	22.0	32.4	23.8	30.0	24.8	28.8
4	29.0	18.2	21.2	27.0	20.4	21.6	4.1	22.4	32.4	23.8	30.0	25.0	28.6
5	29.7	18.5	22.0	28.0	20.6	21.8	4.2	22.4	32.7	24.3	30.5	25.2	28.6
6	28.6	19.2	22.0	27.2	20.8	21.4	3.8	21.8	28.0	22.0	27.6	23.4	26.0
7	28.0	18.8	21.8	27.4	20.8	21.6	3.7	22.0	28.8	22.4	28.0	23.6	27.0
8	27.8	19.0	22.0	26.0	20.8	21.0	3.6	22.2	31.0	22.8	28.8	23.0	28.0
9	26.2	18.4	20.4	27.2	20.0	21.6	3.3	22.0	32.4	22.6	30.0	23.8	28.6
10	27.6	15.0	18.8	26.8	18.0	21.4	4.1	22.2	32.0	23.4	30.0	25.4	28.8
11	27.0	14.8	19.0	26.6	18.0	21.2	4.0	22.0	32.0	23.6	30.0	25.0	29.6
12	27.0	18.0	21.0	26.4	20.6	21.4	3.6	21.8	32.4	23.0	30.6	24.8	29.8
13	26.8	19.2	22.0	25.4	20.6	21.6	3.3	20.8	30.0	21.8	29.0	23.6	27.6
14	26.0	18.6	20.8	26.6	20.0	21.4	3.2	22.0	27.8	23.8	27.0	24.0	26.8
15	27.4	19.0	22.0	26.8	21.2	21.0	3.5	22.0	27.4	22.8	26.4	23.8	26.0
16	27.4	17.6	20.4	25.0	20.0	20.8	3.7	21.4	27.6	22.0	26.0	23.4	25.8
17	25.0	17.8	20.4	26.0	19.8	21.0	3.0	21.6	28.6	22.8	27.0	23.6	26.6
18	26.2	18.0	20.8	26.4	20.2	20.8	3.3	21.8	28.4	22.4	27.0	23.8	26.8
19	27.0	18.2	20.4	26.0	20.0	21.0	3.5	22.0	28.2	23.6	27.2	24.0	26.6
20	26.8	17.6	19.0	27.0	18.4	21.2	3.5	22.0	28.4	23.8	28.0	23.8	26.4
21	27.8	16.0	20.0	27.2	19.4	21.6	3.9	22.2	29.6	23.8	28.0	24.0	27.4
22	28.0	14.0	21.8	27.2	20.6	21.2	4.2	22.6	28.8	23.8	27.0	24.4	26.2
23	27.8	16.0	20.8	25.2	19.8	21.0	3.9	22.4	28.4	23.6	27.8	24.2	27.0
24	25.6	17.0	19.8	25.0	19.6	21.6	3.3	22.0	29.2	23.6	28.0	24.0	26.6
25	26.0	17.0	19.6	24.0	19.0	20.8	3.3	21.4	24.8	22.6	24.8	23.0	24.0
26	24.0	16.8	19.0	24.0	18.6	20.6	2.9	21.6	24.4	22.0	24.2	23.0	24.0
27	24.4	16.6	21.4	26.0	20.6	20.8	3.0	20.6	24.6	21.0	24.2	22.0	24.0
28	26.8	16.6	21.0	24.0	20.2	20.4	3.6	21.0	24.8	22.0	24.0	22.4	24.0
29	24.2	16.0	20.0	25.0	19.6	20.6	3.1	20.8	27.6	21.4	26.0	22.0	24.8
30	25.0	18.0	20.2	24.6	19.8	20.8	2.9	20.8	29.0	21.8	27.0	22.8	26.6
Mean	27.0	17.5	20.8	26.3	20.0	21.2	3.6	21.8	29.1	22.9	27.7	23.9	26.9
<b>Weekly Mean</b>													
<b>Std. Week No:45 ( Nov. 5 - Nov. 11) No. of Days : 7</b>													
Mean	27.8	17.7	20.9	27.0	19.9	21.4	3.8	22.1	31.0	23.0	29.3	24.2	28.1
<b>Std. Week No:46 ( Nov.12 - Nov.18) No. of Days: 7</b>													
Mean	26.5	18.3	21.1	26.1	20.3	21.1	3.4	21.6	28.9	22.7	27.6	23.9	27.1
<b>Std. Week No:47 ( Nov .19 - Nov. 25) No. of Days: 7</b>													
Mean	27.0	16.5	20.2	25.9	19.5	21.2	3.6	22.1	28.2	23.5	27.3	23.9	26.3
<b>Std. Week No:48 ( Nov. 26 - Dec.2) No. of Days: 7</b>													
Mean	24.9	16.8	20.3	24.7	19.8	20.6	3.1	21.0	26.1	21.6	25.1	22.4	24.7

## PART II

Time of  
Observation :I---> 0700 Hours LMT  
= 0720 ISTII---> 1400 Hours  
LMT = 1420 ISTMonth :  
November  
Year :  
2020

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
	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	IST	IST
1	17.8	15.4	90	52	3.0	45	45	3.0	0	0	0.0	4.2
2	17.9	15.5	88	55	3.2	45	45	8.4	0	0	0.0	4.0
3	18.2	15.5	90	55	2.3	90	90	6.2	0	0	0.0	4.2
4	17.5	16.4	93	61	4.8	140	140	9.0	3	2	0.0	3.8
5	17.4	16.1	88	57	4.5	140	140	10.6	3	2	0.0	3.8
6	17.8	15.9	90	59	6.1	90	90	9.2	2	3	42.0	4.2
7	17.9	16.1	91	59	7.3	90	45	9.7	2	2	0.0	4.0
8	17.8	15.9	90	63	8.2	45	45	9.3	0	2	0.0	3.8
9	17.3	16.2	96	60	8.1	45	45	7.0	0	0	0.0	4.2
10	15.0	16.1	92	61	5.5	90	45	9.6	0	0	0.0	4.8
11	14.9	15.9	91	61	3.7	45	45	10.4	0	0	0.0	3.8
12	18.0	16.3	96	63	6.0	45	45	4.6	2	3	0.0	3.6
13	17.4	17.2	88	71	7.5	90	90	1.5	4	3	5.0	3.2
14	17.1	16.2	93	62	7.9	90	90	4.6	3	3	3.2	3.6
15	18.4	15.4	93	58	7.9	90	90	0.4	2	3	0.0	3.6
16	17.3	16.1	96	68	8.0	90	90	0.4	4	3	2.6	3.0
17	17.0	15.9	95	63	8.4	90	140	1.0	3	2	5.2	3.4
18	17.4	15.3	95	59	8.7	90	90	1.0	3	3	0.0	3.8
19	17.3	15.9	96	63	8.5	90	90	3.0	3	2	0.0	3.6
20	15.5	15.7	94	59	8.4	90	90	2.4	2	2	0.0	4.0
21	16.6	16.2	94	60	4.8	90	45	9.2	0	2	0.0	4.2
22	17.5	15.6	90	58	4.4	45	45	10.9	2	2	0.0	4.4
23	16.8	16.3	91	68	4.5	90	45	7.4	2	3	0.0	4.6
24	17.0	17.5	98	74	9.4	45	45	9.2	6	4	0.0	3.8
25	16.1	16.7	94	74	9.0	45	45	4.1	6	8	0.0	2.6
26	15.9	16.3	96	73	11.5	45	270	0.8	8	6	1.2	2.0

27	17.8	15.5	93	62	5.4	270	320	0.0	3	6	15.8	1.8
28	17.3	16.0	93	71	4.5	320	45	2.2	3	3	0.0	2.4
29	16.9	15.8	96	66	5.8	45	45	0.4	8	4	0.0	2.6
30	17.1	16.3	96	70	5.8	90	90	3.8	6	3	1.4	3.0
Mean	17.1	19.5	93	63	6.4	..	..	5.3	3	3	76.4	3.6
<b>Weekly Mean</b>												
<b>Std. Week No:45 ( Nov. 5 - Nov. 11) No. of Days : 7</b>												
Mean	16.6	16.1	91	60	6.2	..	..	9.4	1	1	42.0	4.1
<b>Std. Week No:46 ( Nov.12 - Nov.18) No. of Days: 7</b>												
Mean	17.5	15.8	94	64	7.8	..	..	1.9	3	3	16.0	3.5
<b>Std. Week No:47 ( Nov .19 - Nov. 25) No. of Days: 7</b>												
Mean	16.8	16.4	94	65	7.0	..	..	6.6	3	3	0.0	3.9
<b>Std. Week No:48 ( Nov. 26 - Dec.2) No. of Days: 7</b>												
Mean	17.0	16.0	95	69	6.6	..	..	1.4	6	4	18.4	2.4

Note : Rainfall is in total

**PART- I**

District : Bengaluru  
State : Karnataka

Lat : 13° 05' N  
Long : 77° 34' E

Mont December  
Year : 2020

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		0830	0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT		IST	LMT	LMT	LMT	LMT	LMT	LMT
1	24.8	16.8	19.8	25.0	18.4	20.4	3.1	21.4	29.2	22.0	27.8	23.4	27.0	
2	25.4	14.8	19.0	24.4	18.2	20.6	3.5	20.8	27.6	21.8	26.0	22.8	25.6	
3	25.0	16.0	19.8	25.0	18.8	20.6	3.2	20.6	28.0	21.8	26.8	22.4	26.0	
4	25.4	16.2	19.0	23.0	18.6	20.4	3.3	20.4	26.0	22.0	24.8	23.0	24.0	
5	23.0	16.0	19.0	25.0	18.8	20.2	2.8	20.8	24.6	21.0	23.4	21.6	22.8	
6	25.2	15.8	19.2	24.4	19.0	20.2	3.3	20.2	25.0	20.8	23.6	21.4	23.0	
7	24.8	17.0	19.0	25.0	18.8	20.4	3.0	20.0	22.8	20.8	22.0	21.4	22.0	
8	25.4	16.4	19.8	24.8	19.0	20.8	3.2	20.0	23.8	20.4	22.0	20.8	21.8	
9	25.0	18.0	21.0	24.0	20.0	20.4	2.9	20.4	24.8	21.8	23.0	22.0	22.0	
10	24.0	16.4	19.8	26.0	19.4	20.6	2.9	20.8	26.6	21.0	26.0	22.0	24.8	
11	26.2	17.0	17.6	24.8	17.0	20.8	3.3	21.0	27.6	22.0	27.0	22.4	26.0	
12	25.0	14.2	14.6	25.8	14.0	20.8	3.4	20.8	28.0	22.0	26.8	23.0	26.0	
13	26.4	15.6	17.2	26.0	16.8	20.6	3.5	20.4	26.8	21.6	26.0	21.8	25.8	
14	26.4	15.8	16.8	26.0	16.4	20.6	3.5	21.4	27.6	21.8	26.0	22.0	26.0	
15	26.4	15.0	16.0	26.0	15.4	20.8	3.6	20.8	28.0	21.6	27.4	22.2	26.6	
16	26.0	15.6	16.6	25.0	15.8	20.4	3.4	20.0	28.0	21.4	26.8	22.0	26.0	
17	25.0	16.4	20.0	24.8	19.6	20.6	3.1	20.8	28.4	21.6	27.0	22.4	26.6	
18	25.2	16.8	20.0	26.0	19.6	20.2	3.1	20.8	28.0	21.0	27.0	22.0	26.8	
19	26.8	16.0	17.4	25.6	16.6	21.0	3.6	20.4	28.0	20.8	26.8	21.6	26.4	
20	26.0	17.0	18.6	25.0	17.8	20.2	3.3	20.0	28.6	21.4	27.6	22.0	26.8	
21	25.2	13.4	15.4	25.0	15.0	20.4	3.5	20.6	28.6	20.8	27.8	21.8	26.8	
22	25.0	13.0	14.0	26.4	12.4	20.4	3.5	20.8	29.0	21.0	28.4	22.0	27.0	
23	26.8	14.8	16.8	25.0	15.4	21.2	3.7	22.6	28.0	23.0	27.6	23.2	26.0	
24	27.0	15.2	18.0	25.0	17.2	20.4	3.7	22.0	28.0	22.4	27.0	23.0	26.6	
25	25.6	15.0	16.4	25.8	15.4	20.2	3.4	21.0	28.8	22.0	27.6	23.0	27.0	
26	26.2	14.8	15.8	26.0	15.0	21.2	3.6	21.0	28.0	22.8	27.0	22.4	27.2	
27	26.0	15.0	16.2	25.4	15.0	20.0	3.5	21.6	27.8	22.4	27.6	22.6	27.0	
28	28.0	14.0	15.2	27.0	14.8	22.0	4.0	21.0	29.0	22.0	28.0	22.6	27.2	

<b>29</b>	27.6	14.0	17.6	27.2	16.8	21.2	4.0	20.0	29.0	21.2	27.8	21.8	27.0
<b>30</b>	28.5	17.2	20.0	28.0	19.2	21.2	3.8	22.0	29.8	22.4	28.4	23.2	27.6
<b>31</b>	28.2	17.8	18.2	28.2	17.8	20.0	3.7	20.8	29.2	21.8	29.0	22.4	27.8
<b>Mean</b>	<b>25.9</b>	<b>15.7</b>	<b>17.9</b>	<b>25.5</b>	<b>17.2</b>	<b>20.6</b>	<b>3.4</b>	<b>20.8</b>	<b>27.5</b>	<b>21.6</b>	<b>26.5</b>	<b>22.3</b>	<b>25.8</b>
<b>Weekly mean</b>													
<b>Std.Week No: 49 (December 3 - December 9) No. of Days: 7</b>													
<b>Mean</b>	24.8	16.5	19.5	24.5	19.0	20.4	3.1	20.3	25.0	21.2	23.7	21.8	23.1
<b>Std.Week No: 50 (December 10 - December 16) No. of Days: 7</b>													
<b>Mean</b>	25.8	15.7	16.9	25.7	16.4	20.7	3.4	20.7	27.5	21.6	26.6	22.2	25.9
<b>Std.Week No: 51 (December 17 - December 23) No. of Days: 7</b>													
<b>Mean</b>	25.7	15.3	17.5	25.4	16.6	20.6	3.4	20.9	28.4	21.4	27.5	22.1	26.6
<b>Std.Week No: 52 (December 24 - December 31 ) No. of Days: 8</b>													
<b>Mean</b>	27.1	15.4	17.2	26.6	16.4	20.8	3.7	21.2	28.7	22.1	27.8	22.6	27.2

**PART- II**

Time of Observation

Month : December

I---> 0700 Hours LMT = 0720 IST

Year : 2020

II---> 1400 Hours LMT = 1420 IST

Date	Humidity				Mean Wind			Bright t SSH	Cloud Amount (Octas)		Rainfall (mm)	Pan Evap. (mm)
	Vap. Pr. (mm) Hg.		Rel. Hum. %		Speed (Km/day)	Direction			0700	0700		
	0700	1400	0700	1400	0700	0700	1400					
	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT			LMT	IST
1	15.1	15.4	87	65	8.0	90	45	7.4	3.0	2.0	0.0	3.6
2	15.2	16.1	92	70	6.3	45	45	8.4	2.0	3.0	0.0	4.0
3	15.7	15.8	91	66	10.0	45	45	7.4	8.0	3.0	0.0	3.4
4	15.9	16.5	96	78	9.9	45	320	0.0	8.0	6.0	4.2	1.6
5	16.2	15.1	98	64	10.4	320	45	0.0	6.0	6.0	2.2	1.4
6	16.4	15.4	98	67	8.8	45	45	0.0	8.0	6.0	1.4	1.8
7	16.2	15.4	98	65	12.0	45	45	0.0	8.0	6.0	2.2	1.6
8	16.0	16.2	93	69	9.0	45	45	4.2	8.0	4.0	3.2	1.2
9	17.0	16.0	91	71	6.3	90	140	0.0	0.0	3.0	0.0	2.2
10	16.7	15.2	96	60	7.4	140	45	4.9	0.0	3.0	0.0	3.6
11	14.2	16.2	94	69	5.3	45	45	9.3	2.0	2.0	0.0	4.0
12	11.7	15.7	94	63	3.6	140	140	9.0	6.0	3.0	0.0	4.2
13	14.1	15.2	96	60	3.0	140	140	8.6	4.0	3.0	0.0	3.0
14	13.8	15.2	96	60	2.3	140	45	9.4	6.0	0.0	0.0	3.2
15	12.8	15.5	94	62	3.9	45	45	8.5	3.0	2.0	0.0	2.6
16	13.0	15.4	92	65	4.9	45	45	7.8	0.0	3.0	0.0	3.8
17	16.9	15.9	96	68	7.9	45	45	3.9	6.0	3.0	0.0	2.8
18	16.9	14.5	96	58	8.4	90	50	1.8	0.0	3.0	0.0	3.8
19	13.7	16.1	92	65	9.3	90	90	9.1	2.0	2.0	0.0	3.8
20	14.8	15.1	92	64	7.2	90	90	6.4	2.0	2.0	0.0	3.4
21	12.6	15.4	96	65	7.1	90	90	8.2	0.0	0.0	0.0	3.6
22	9.9	14.7	83	57	5.7	90	90	9.0	0.0	2.0	0.0	3.0
23	12.4	16.8	86	71	5.7	90	90	8.5	2.0	0.0	0.0	3.4
24	14.3	15.4	92	65	5.3	90	90	4.9	0.0	2.0	0.0	3.2
25	12.6	14.7	90	59	6.2	90	90	9.8	2.0	3.0	0.0	3.8
26	12.4	16.2	92	64	5.7	90	90	9.8	2.0	3.0	0.0	4.0
27	12.1	14.5	88	60	4.6	90	90	9.6	2.0	0.0	0.0	3.6
28	12.4	17.1	96	64	5.3	90	90	8.3	0.0	0.0	0.0	3.4
29	13.9	15.6	92	58	5.0	45	140	9.4	0.0	0.0	0.0	3.8
30	16.2	15.1	93	53	8.9	90	90	8.8	0.0	0.0	0.0	3.6
31	14.5	13.0	93	63	9.0	90	90	8.0	8.0	2.0	0.0	3.4
<b>Mean</b>	<b>14.4</b>	<b>15.5</b>	<b>93</b>	<b>64</b>	<b>6.8</b>	<b>..</b>	<b>..</b>	<b>6.5</b>	<b>3</b>	<b>2</b>	<b>13.2</b>	<b>3.2</b>
<b>Weekly mean</b>												
<b>Std.Week No: 49 (December 3 - December 9) No. of Days: 7</b>												
<b>Mean</b>	16.2	15.8	95.0	68.7	9.5	...	...	1.7	...	...	13.2	1.9
<b>Std.Week No: 50 (December 10 - December 16) No. of Days: 7</b>												
<b>Mean</b>	13.7	15.5	94.5	62.8	4.3	...	...	8.2	...	...	0.0	3.5
<b>Std.Week No: 51 (December 17 - December 23) No. of Days: 7</b>												
<b>Mean</b>	13.9	15.5	91.7	63.8	7.3	...	...	6.7	...	...	0.0	3.4
<b>Std.Week No: 52 (December 24 - December 31 ) No. of Days: 8</b>												
<b>Mean</b>	13.5	15.2	91.9	60.7	6.3	...	...	8.6	...	...	0.0	3.6

Note: Rainfall is in total



