

**AICRP on Agrometeorology**  
**University of Agricultural Sciences, GKVK, Bangalore-560 065**  
**Meteorological Observation at GKVK, Bangalore**

**PART- I**

**District: Bengaluru**  
**State : Karnataka**

**Lat : 13° 05' N**  
**Long: 77° 34' E**

**Month: February**  
**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		0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT		IST	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:

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

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

Month : February

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			0830	0830
	0700	1400	0700	1400	0700	0700	1400							
	LMT	LMT	LMT	LMT	LMT	LMT	LMT		LMT	LMT			LMT	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		