

**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**  
**Alt. : 924 m (amsl)**

**Month: June**  
**Year : 2023**

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	0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT	IST	LMT	LMT	LMT	LMT	LMT	LMT
1	31.6	20.2	23.6	29.6	21.8	22.6	4.5	24.6	36.2	26.0	34.0	26.6	32.0
2	30.0	21.0	22.0	32.4	21.0	22.0	4.2	24.0	35.0	25.2	33.2	26.0	32.4
3	33.2	22.0	23.0	32.2	22.2	24.0	4.5	23.0	34.0	25.4	32.0	26.2	30.0
4	32.8	21.5	23.4	30.0	21.4	21.2	5.1	25.0	32.0	27.0	28.0	27.2	26.2
5	32.4	21.2	24.2	31.4	21.6	23.8	5.3	26.0	35.0	28.0	34.2	28.2	34.0
6	32.4	21.6	23.8	32.2	21.2	24.8	5.2	23.0	35.2	25.2	35.0	26.0	33.0
7	33.0	21.2	23.4	31.6	22.0	23.8	5.0	23.4	36.0	25.0	35.4	25.2	35.0
8	33.2	21.4	24.0	31.8	21.4	24.0	5.0	23.0	36.2	24.2	35.4	25.0	34.0
9	32.2	21.4	24.0	31.4	21.2	22.4	5.1	24.0	36.4	25.2	36.0	25.8	35.0
10	32.4	21.0	23.0	31.2	20.0	21.4	5.7	23.2	36.2	24.0	35.8	24.8	35.0
11	33.0	20.2	22.4	31.8	20.0	22.0	5.3	23.0	36.0	24.2	34.8	24.8	33.0
12	32.8	21.0	23.2	31.0	21.0	23.4	5.0	22.0	34.0	23.8	33.0	24.0	32.4
13	33.0	21.8	24.0	31.2	22.0	22.8	4.8	23.0	35.0	25.0	33.6	26.0	32.0
14	32.2	21.0	23.6	31.8	20.2	23.4	5.0	23.0	35.2	24.2	34.0	25.0	33.0
15	32.0	20.0	23.8	30.8	20.0	23.0	5.1	23.2	36.2	24.0	35.0	24.8	34.0
16	31.6	19.8	23.8	31.8	20.2	22.8	5.4	23.0	36.6	24.2	36.0	24.8	35.2
17	32.0	21.0	24.0	31.0	21.6	23.0	5.3	23.6	36.0	24.0	35.0	24.6	34.2
18	31.2	20.8	23.0	29.8	21.2	22.0	5.5	23.2	35.2	24.0	34.0	24.2	33.6
19	30.0	18.6	24.0	28.2	20.8	23.0	4.5	22.0	33.0	23.2	30.2	23.2	30.0
20	29.2	18.8	23.0	23.4	21.0	22.6	4.3	21.0	27.2	22.0	26.0	22.8	25.8
21	29.0	19.2	22.0	28.2	20.2	22.0	2.6	20.0	26.0	22.4	25.2	23.0	25.0
22	28.8	20.0	23.0	27.8	21.0	23.4	2.7	21.0	30.0	23.0	29.4	24.2	28.2
23	29.0	20.2	22.0	28.8	21.2	23.4	3.9	22.0	31.2	23.2	30.0	23.4	29.0
24	30.0	19.8	22.2	28.8	21.0	23.4	3.6	21.0	30.4	22.8	30.0	23.0	29.0
25	30.2	20.0	22.0	29.0	21.4	23.8	3.5	21.2	31.2	22.0	30.2	23.0	28.0
26	29.8	19.2	22.0	27.0	19.8	21.4	4.0	22.0	29.0	23.2	28.4	24.0	28.0
27	30.0	20.2	23.0	28.8	19.8	21.4	3.6	21.8	31.4	22.0	30.0	23.6	29.0
28	29.8	20.2	22.4	27.0	19.6	21.4	4.6	22.0	31.0	22.4	30.4	23.0	30.0
29	29.0	20.2	22.0	28.0	19.8	21.0	4.1	21.0	30.0	22.0	29.8	23.2	28.0
30	30.0	19.8	22.2	28.8	20.2	22.8	4.1	20.0	31.2	21.2	30.0	22.2	29.2
Mean	31.2	20.5	23.1	29.9	20.9	22.7	4.5	22.6	33.3	23.9	32.1	24.6	31.1
<b>Weekly mean</b>													
<b>Std. Week No:23 (June 4 - June 10) No. of Days: 7</b>													
Mean	32.6	21.3	23.7	31.4	21.3	23.1	5.2	23.9	35.3	25.5	34.3	26.0	33.2
<b>Std. Week No:24 (June 11 - June 17) No. of Days: 7</b>													
Mean	32.4	20.7	23.5	31.3	20.7	22.9	5.1	23.0	35.6	24.2	34.5	24.9	33.4
<b>Std. Week No: 25 ( June 18 - June 24) No. of Days: 7</b>													
Mean	29.6	19.6	22.7	27.9	20.9	22.8	3.9	21.5	30.4	22.9	29.3	23.4	28.7
<b>Std. Week No:26 ( June 25 - July 01) No. of Days: 7</b>													
Mean	29.8	19.9	22.3	28.1	20.1	22.0	4.1	21.3	30.6	22.1	29.8	23.2	28.7

**PART II**

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month: June

Year : 2023

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	0700	1400	0700	0700	1400	0830	0830
	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	IST	IST
1	18.6	16.7	85	54	5.0	270	320	8.6	0.0	0.0	0.0	6.4
2	18.1	14.1	91	39	4.8	270	320	5.8	0.0	0.0	0.0	6.0
3	19.6	17.8	93	49	5.0	320	320	6.6	3.0	0.0	0.0	5.4
4	18.0	14.0	83	44	6.3	320	230	4.9	0.0	0.0	0.0	8.2
5	17.9	17.9	79	52	5.7	230	320	9.6	0.0	0.0	0.0	6.0
6	17.4	19.3	79	54	7.0	230	320	9.3	0.0	0.0	0.0	5.5
7	19.1	17.8	88	51	6.9	320	230	9.9	0.0	4.0	0.0	4.2
8	17.7	18.0	79	51	6.5	230	320	6.8	0.0	2.0	1.6	6.4
9	17.3	15.3	77	44	7.3	230	320	9.9	0.0	2.0	0.0	4.4
10	15.9	13.7	75	40	8.8	230	320	10.4	0.0	0.0	0.0	6.8
11	16.2	14.4	80	41	8.6	230	320	10.6	0.0	0.0	0.0	6.2
12	17.4	17.4	82	52	7.3	230	320	9.7	2.0	2.0	2.2	6.8
13	18.7	16.1	84	47	6.0	270	230	6.4	0.0	0.0	1.8	5.8
14	15.9	16.9	73	48	7.4	270	320	9.8	0.0	0.0	0.0	4.4
15	15.4	16.7	70	50	6.5	270	320	9.6	0.0	0.0	0.0	5.2
16	15.8	15.8	71	45	6.8	270	230	10.9	2.0	2.0	0.0	5.4
17	18.0	16.6	81	49	6.2	270	320	10.0	2.0	2.0	0.0	6.0
18	17.9	15.5	85	49	8.8	320	320	9.2	4.0	2.0	0.0	7.0
19	16.7	18.2	74	63	6.3	270	320	9.3	2.0	4.0	0.0	4.0
20	17.5	20.1	83	93	4.2	230	320	10.6	4.0	6.0	4.6	4.0
21	16.8	16.4	85	57	1.7	230	230	0.2	6.0	4.0	36.6	2.4
22	17.5	19.1	83	68	3.2	230	320	1.4	4.0	4.0	3.8	2.2
23	18.4	18.6	93	63	3.8	230	230	6.0	8.0	4.0	1.6	4.2
24	18.0	18.6	90	63	7.1	230	230	4.4	8.0	4.0	0.0	3.4
25	18.8	19.2	95	64	7.3	230	230	2.4	8.0	4.0	0.0	4.2
26	16.1	16.0	81	60	6.7	230	230	4.5	6.0	4.0	11.6	4.8
27	15.6	15.0	74	51	6.4	230	230	3.5	4.0	2.0	0.0	3.4
28	15.6	16.0	77	60	9.3	230	230	6.0	2.0	2.0	0.0	6.0
29	16.1	14.8	81	52	6.9	230	230	6.2	2.0	2.0	0.0	4.2
30	16.6	17.5	83	59	6.5	230	320	7.1	4.0	2.0	3.2	3.8
Mean	17.3	16.8	82	54	6.3	..	..	7.3	2.4	1.9	67.0	5.0
Weekly mean												
Std. Week No:23 (June 4 - June 10) No. of Days: 7												
Mean	17.6	16.6	80	48	6.9	..	..	8.7	0	1	1.6	5.9
Std. Week No:24 (June 11 - June 17) No. of Days: 7												
Mean	16.8	16.3	77	47	7.0	..	..	9.6	1	1	4.0	5.7
Std. Week No: 25 (June 18 - June 24) No. of Days: 7												
Mean	17.5	18.1	85	65	5.0	..	..	5.9	5	4	46.6	3.9
Std. Week No:26 (June 25 - July 01) No. of Days: 7												
Mean	16.5	16.8	82	58	7.2	..	..	5.0	4	3	14.8	4.4

Note: Rainfall is in total