

**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: May
Year: 2025**

Date	Air Temperature °C						PET (mm)	Soil Temperature °C					
	Max.	Min.	Dry	Dry	Wet	Wet		5 Cm	5 Cm	10Cm	10Cm	20Cm	20Cm
	0700	700	0700	1400	0700	1400		0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT		LMT	LMT	LMT	LMT	LMT	LMT
1	34.2	21.0	24.0	33.0	22.4	23.6	5.9	24.2	40.2	27.0	35.0	28.2	33.0
2	35.0	22.6	24.0	32.8	22.0	24.6	5.9	23.0	40.6	26.2	37.8	28.2	32.2
3	34.0	18.8	22.0	31.0	21.0	21.2	6.2	22.0	35.2	24.0	33.0	26.2	31.0
4	33.2	19.2	22.2	32.8	21.0	22.8	5.9	23.0	40.2	24.2	38.2	26.0	33.0
5	33.8	19.8	23.0	32.8	21.2	22.4	6.0	22.4	39.2	24.0	35.4	26.2	33.0
6	34.0	20.4	24.0	32.8	22.6	22.0	6.0	23.2	40.8	24.0	38.0	27.0	35.0
7	34.2	22.0	23.6	32.2	22.6	23.0	5.8	23.2	40.2	26.2	38.2	28.0	35.6
8	33.8	21.2	23.0	31.0	21.2	21.0	5.8	22.4	40.0	24.2	38.2	27.0	35.4
9	33.0	20.6	22.6	31.6	21.4	22.6	5.6	23.4	40.4	25.2	37.2	28.0	34.8
10	33.2	20.0	24.2	31.4	22.0	22.8	5.8	24.0	40.0	26.2	37.4	28.0	35.0
11	33.4	20.8	23.2	32.0	21.8	23.0	5.7	28.0	42.0	29.6	37.6	32.0	35.0
12	33.6	20.6	24.0	30.2	22.2	23.4	5.8	28.4	40.0	29.6	37.0	31.8	34.6
13	33.0	21.0	24.4	31.2	22.6	24.0	5.6	27.0	40.0	29.0	37.2	31.0	34.8
14	32.0	18.6	22.2	30.2	21.0	23.8	5.7	21.2	35.0	24.0	33.2	26.2	31.0
15	31.2	19.4	22.8	30.4	21.6	24.2	5.3	20.0	35.2	23.0	32.8	24.5	32.4
16	31.8	19.6	23.2	29.8	21.8	24.2	5.5	20.2	34.8	23.2	32.4	24.0	30.4
17	30.4	21.2	22.6	29.2	21.6	24.0	4.7	20.0	35.0	22.4	33.2	25.2	31.2
18	30.2	19.2	22.0	26.2	21.4	22.4	5.1	20.0	30.0	22.0	29.6	25.2	28.4
19	30.0	18.2	21.0	24.0	20.2	23.6	5.2	24.0	28.0	25.0	27.0	26.4	29.0
20	27.0	19.6	22.4	26.2	21.8	23.4	4.0	25.4	29.8	26.0	27.4	27.0	25.8
21	27.2	20.2	22.0	26.0	20.8	22.8	3.9	23.0	27.0	23.8	26.0	25.2	25.8
22	27.6	20.0	23.0	27.0	21.4	21.8	4.1	21.8	29.0	22.8	27.6	23.6	26.0
23	28.0	19.6	23.0	25.2	21.4	23.4	4.3	22.2	30.0	23.0	28.4	23.2	26.5
24	28.8	21.2	22.2	25.4	20.6	22.0	4.2	23.2	29.4	24.6	28.0	25.2	26.2
25	25.4	20.4	22.0	26.0	20.4	22.6	3.3	22.0	28.4	23.4	26.0	24.8	24.8
26	26.8	20.2	22.0	25.6	20.2	21.4	3.8	22.2	28.2	23.0	26.6	25.0	25.0
27	26.4	20.0	22.2	27.2	21.0	22.4	3.7	22.4	27.0	23.0	25.6	24.0	24.2
28	28.8	21.2	23.0	27.0	21.2	22.2	4.2	22.0	29.0	23.4	27.0	24.8	25.2
29	28.4	20.4	22.2	26.2	20.6	22.6	4.3	23.0	30.0	23.8	28.4	25.0	25.8
30	27.2	21.4	22.4	26.0	21.0	22.6	3.6	23.4	27.8	24.0	26.0	25.2	25.0
31	28.4	20.6	23.0	29.0	21.2	23.8	4.2	23.0	30.2	24.2	28.4	25.0	26.0
Mean	30.8	20.3	22.8	29.1	21.4	22.9	5.0	23.0	34.3	24.6	32.1	26.4	30.0
Weekly mean													
Std. Week No:19 (May 7- May 13) No. of Days: 7													
Mean	34.1	20.5	23.3	32.5	21.8	22.8	5.7	23.0	39.5	25.1	36.5	27.1	33.3
Std. Week No:20 (May 14 - May 20) No. of Days: 7													
Mean	33.1	20.4	23.4	31.1	21.7	22.9	5.1	24.9	39.6	26.8	36.8	29.1	34.4
Std. Week No: 21 (May21 - May 27) No. of Days: 7													
Mean	29.7	19.6	22.3	27.4	21.3	23.5	3.9	21.8	31.4	23.6	29.8	25.4	29.0
Std. Week No:22 (May 28 - June 3) No. of Days: 7													
Mean	27.4	20.4	22.5	26.2	20.9	22.3	3.5	22.3	28.7	23.3	27.0	24.4	25.4

PART II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month: May

Year: 2025

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount (Octas)			Rainfall (mm)	Pan Evap. (mm)
	Vap. (mm)	Pr. Hg.	Rel. Hum. %		Speed (Km/hr)	Direction							
	0700	1400	0700	1400	0700	0700	1400						
	LMT	LMT	LMT	LMT	LMT	LMT	LMT	0700	0700	1400	0830	0830	
1	19.4	16.6	87	44	5.1	230	180	7.6	0	0	4.8	6.2	
2	18.7	18.6	84	50	3.1	270	140	9.3	0	0	0.0	6.8	
3	18.1	13.4	91	40	5.5	140	270	8.7	0	0	19.2	7.8	
4	18.0	15.3	90	41	3.7	270	140	10.3	0	0	0.0	6.2	
5	17.9	14.5	85	39	5.0	180	270	9.6	0	0	0.0	7.4	
6	19.8	13.8	88	37	3.3	270	320	7.8	0	0	0.0	7.6	
7	20.0	16.0	92	44	4.0	270	45	10.7	0	0	0.0	8.0	
8	17.9	13.1	85	39	5.5	270	320	9.3	0	0	0.0	7.8	
9	18.4	15.6	90	45	3.4	270	320	10.9	0	0	0.0	8.0	
10	18.6	16.0	82	47	3.3	270	140	10.2	0	0	0.0	7.8	
11	18.8	16.1	88	45	3.9	320	230	8.8	0	0	0.0	7.4	
12	19.1	17.8	85	55	5.0	320	90	7.6	0	0	0.0	7.4	
13	19.6	18.4	85	54	5.6	320	270	9.0	0	0	0.0	6.6	
14	18.0	18.5	90	58	3.1	270	45	6.2	0	4	65.2	4.8	
15	18.7	19.2	90	59	4.3	270	45	9.2	0	0	4.4	5.6	
16	18.8	19.5	88	62	3.1	270	320	9.0	0	0	12.2	5.8	
17	18.8	19.5	91	64	3.5	270	45	6.1	0	2	2.2	6.6	
18	18.8	18.2	95	71	3.7	320	270	4.0	6	4	51.0	5.2	
19	17.3	21.6	93	97	4.0	320	270	4.2	2	6	117.6	4.0	
20	19.3	20.0	95	79	1.6	320	320	0.0	8	6	19.0	3.6	
21	17.8	19.0	90	76	3.3	320	230	1.0	6	6	19.6	3.6	
22	18.2	16.7	87	62	6.0	230	320	2.5	6	0	3.6	3.0	
23	18.2	20.6	87	86	5.6	320	230	5.7	0	4	0.0	3.6	
24	17.3	17.9	86	74	10.1	320	230	6.8	4	6	0.2	4.0	
25	17.1	18.7	86	74	11.2	320	230	0.8	6	4	2.0	3.6	
26	16.8	16.8	85	68	10.7	320	140	3.8	4	6	1.8	3.4	
27	18.0	17.7	90	65	9.1	320	320	1.4	4	4	1.6	3.4	
28	17.9	17.4	85	65	7.9	320	320	4.0	4	6	0.0	3.6	
29	17.3	18.6	86	73	9.0	320	230	1.9	4	4	0.8	3.0	
30	17.9	18.7	88	74	7.9	320	230	0.2	6	2	0.0	3.2	
31	17.9	19.2	85	64	7.4	320	230	0.2	6	2	0.0	3.4	
Mean	18.3	17.5	88	60	5.4	..	..	6.0	2	2	325.2	5.4	
Weekly mean													
Std.Week No:19 (May 7- May 13) No. of Days: 7													
Mean	18.9	16.1	88	42	4.2	..	..	9.1	0	0	3.4	7.1	
Std.Week No:20 (May 14 - May 20) No. of Days: 7													
Mean	18.5	19.5	86	49	4.3	..	..	8.9	0	1	9.3	7.1	
Std.Week No: 21 (May21 - May 27) No. of Days: 7													
Mean	17.6	18.2	92	72	3.4	..	..	4.8	3	3	28.7	4.9	
Std.Week No:22 (May 28 - June 3) No. of Days: 7													
Mean	17.6	18.9	86	71	8.7	..	..	3.6	4	4	0.8	3.5	