

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

PART-I

District : Bengaluru
State : Karnataka

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

Month: May
Year: 2026

Date	Air Temperature °C						PET (mm)	Soil Temperature °C					
	Max.	Min.	Dry	Dry	Wet	Wet		5 cm	5cm	10cm	10cm	20cm	20cm
			0700	1400	0700	1400		0700	1400	0700	1400	0700	1400
			LMT	LMT	LMT	LMT		LMT	LMT	LMT	LMT	LMT	LMT
1	34.2	21.8	23.8	33.0	20.0	23.2	5.8	24.2	41.2	28.0	38.2	30.2	36.0
2	34.8	22.0	23.4	34.4	22.0	25.0	5.9	24.0	44.0	28.2	39.8	30.0	37.0
3	34.8	22.6	24.8	34.2	22.0	24.8	5.8	28.0	43.2	29.6	39.0	32.4	37.2
4	35.8	22.4	24.6	33.4	22.4	24.6	6.2	29.6	43.0	30.6	38.8	33.8	37.0
5	34.4	23.2	24.8	32.0	21.8	24.2	5.6	31.0	42.4	32.4	38.0	34.2	37.0
6	33.2	22.0	25.0	33.4	22.8	24.0	5.5	27.0	44.0	28.6	39.0	30.6	37.2
7	33.6	21.8	24.2	31.6	21.8	23.0	5.6	26.0	41.6	28.0	38.0	31.2	36.2
8	33.8	22.0	24.8	33.0	22.2	23.4	5.6	25.2	42.4	28.8	38.8	32.0	36.8
9	33.2	23.0	24.0	33.2	22.0	23.8	5.3	24.0	43.0	28.0	38.6	31.2	37.0
10	33.6	22.0	23.0	32.4	22.0	23.4	5.6	25.0	40.0	26.6	37.0	29.0	36.2
11	34.0	22.2	25.2	34.6	23.4	23.8	5.7	27.0	42.0	29.2	38.6	31.0	35.4
12	34.6	21.6	24.6	33.0	22.2	23.2	5.9	27.2	42.4	29.6	38.8	32.4	36.0
13	34.6	21.2	25.0	34.0	22.4	24.8	6.0	27.0	43.0	29.2	39.4	32.0	37.0
14	34.2	22.0	24.2	33.0	22.0	23.8	5.8	26.2	42.6	28.0	39.0	31.0	37.2
15	33.2	21.8	24.0	31.0	22.0	23.2	5.5	25.2	36.2	28.0	34.2	31.2	33.2
16	32.2	21.0	23.2	31.8	21.0	23.4	5.3	23.0	36.2	26.0	34.0	29.0	31.8
17	32.6	21.2	24.2	33.0	21.4	23.2	5.4	25.6	38.2	27.4	35.0	31.0	34.2
18	34.0	22.0	25.0	33.0	23.2	24.0	5.7	28.0	40.2	29.0	37.0	31.4	35.0
19	33.8	22.8	23.0	29.0	21.8	24.0	5.5	24.8	35.0	25.2	33.0	30.0	31.2
20	30.0	21.6	24.2	31.0	22.4	25.0	4.5	24.2	37.0	24.8	35.0	30.2	33.0
21	31.2	21.0	24.0	33.0	21.0	25.6	5.0	23.8	40.0	26.2	38.2	28.2	35.8
22	33.2	21.6	23.8	31.0	21.0	24.0	5.5	23.0	39.0	25.2	36.4	27.0	35.0
23	32.2	21.0	23.0	29.6	21.0	25.0	5.3	22.0	39.6	24.0	37.0	27.0	36.2
24	29.8	22.0	24.0	32.0	23.2	24.0	4.4	26.0	39.0	27.4	35.2	30.0	33.6
25	33.2	21.2	22.4	33.0	20.2	24.0	5.6	28.0	42.0	28.8	39.0	31.0	35.0
26	34.2	22.2	24.0	31.2	22.2	25.2	5.7	27.2	40.6	28.4	37.8	32.4	35.0
27	33.0	20.8	22.8	27.8	21.2	23.4	5.6	25.0	34.0	26.8	32.0	30.0	31.0
28	31.8	21.2	23.2	28.0	21.8	23.0	5.2	23.2	33.0	26.0	30.2	28.0	28.0
29	32.0	21.8	24.0	31.0	22.0	25.4	5.1	23.0	40.6	25.2	37.8	29.0	36.0
30	32.4	22.0	23.2	30.2	22.0	23.2	5.2	22.0	40.2	24.0	36.4	28.2	33.2
31	31.4	20.6	23.0	31.0	21.2	23.6	5.1	25.2	40.2	26.6	35.0	30.0	33.4
Mean	33.2	21.8	23.9	32.0	21.9	24.0	5.5	25.5	40.2	27.5	36.9	30.5	35.0
Weekly mean													
Std.Week No:19 (May 7- May 13) No. of Days: 7													
Mean	34.4	22.3	24.4	33.1	21.8	24.1	5.8	27.1	42.8	29.3	38.7	31.8	36.8
Std.Week No:20 (May 14 - May 20) No. of Days: 7													
Mean	34.0	22.0	24.4	33.3	22.3	23.7	5.7	25.9	42.2	28.5	38.6	31.2	36.5
Std.Week No: 21 (May21 - May 27) No. of Days: 7													
Mean	32.4	21.6	23.9	31.7	21.8	24.1	5.3	24.9	37.5	26.7	35.2	30.1	33.5
Std.Week No:22 (May 28 - June 3) No. of Days: 7													
Mean	32.5	21.4	23.3	30.4	21.5	24.1	5.3	24.9	38.2	26.7	35.4	29.3	33.4

PART II

Time of Observation:

I--> 0700 Hours LMT = 0720 IST

II--> 1400 Hours LMT = 1420 IST

Month: May

Year: 2026

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	1400		
	0700	1400	0700	1400		0700	1400					
	LMT	LMT	LMT	LMT	LMT	LMT						
1	15.4	15.9	79	42	6.2	270	230	9.8	0	0	1.0	8.2
2	17.4	18.5	88	45	3.1	270	230	9.6	0	0	0.0	7.8
3	18.3	18.2	78	45	5.0	230	270	10.4	0	0	0.0	8.4
4	19.1	18.3	82	48	4.8	320	45	8.5	0	0	0.0	8.0
5	17.9	18.3	76	51	6.4	230	45	8.5	0	0	0.0	8.4
6	19.6	17.1	83	46	3.3	320	320	2.0	0	0	0.0	6.6
7	18.3	16.3	81	48	3.6	320	320	7.6	0	0	1.0	7.6
8	18.6	16.2	80	44	5.5	180	320	9.6	0	0	0.0	7.2
9	18.7	16.9	84	44	7.3	180	320	8.5	0	0	0.0	8.0
10	19.3	16.6	91	46	5.6	90	320	8.7	0	0	7.2	7.4
11	20.6	16.1	86	39	6.4	230	320	8.0	0	0	0.0	7.8
12	18.7	15.9	81	42	5.4	320	45	9.6	0	0	0.0	8.0
13	18.9	18.3	79	47	5.5	320	45	11.3	0	0	0.0	8.6
14	18.6	17.0	83	46	4.8	45	45	8.4	0	0	0.0	8.4
15	18.7	17.0	84	52	5.6	45	45	5.3	0	0	0.0	7.8
16	17.4	16.9	82	48	3.5	45	270	1.8	0	0	0.0	6.8
17	17.6	15.9	78	42	2.1	230	45	2.8	0	0	0.0	6.0
18	20.3	17.4	86	46	4.4	320	45	9.5	2	0	0.8	6.6
19	18.9	19.6	90	65	3.7	230	270	4.1	0	0	43.8	6.8
20	19.3	20.4	85	42	5.0	320	230	4.9	0	0	0.0	6.4
21	17.0	20.5	76	53	4.2	320	230	5.2	0	0	0.0	6.0
22	17.1	18.5	78	56	5.2	320	230	9.6	0	0	1.5	5.8
23	17.5	21.2	83	69	5.4	320	180	4.3	0	0	0.0	5.4
24	20.9	17.9	93	50	4.4	320	45	1.3	0	0	0.4	3.8
25	16.5	17.4	81	46	5.6	320	45	7.0	0	0	0.0	5.0
26	19.1	20.7	85	61	4.9	320	320	8.3	2	2	0.0	7.2
27	18.0	19.1	86	68	4.4	230	320	7.2	0	0	35.6	7.4
28	18.8	18.3	88	65	4.0	230	320	6.3	0	0	0.0	4.6
29	18.7	21.2	84	63	4.4	270	270	8.0	0	0	0.0	5.2
30	19.2	17.4	90	54	4.6	270	270	7.4	0	4	0.0	5.6
31	17.9	17.7	85	53	4.7	230	45	8.4	0	0	1.2	5.4
Mean	18.5	18.0	83.4	50.5	4.8	247.3	195.3	7.2	0.1	0.2	92.5	6.8
Weekly mean												
Std.Week No:19 (May 7- May 13) No. of Days: 7												
Mean	18.0	17.5	81	46	4.6	8.1	0	0	0.3	7.9
Std.Week No:20 (May 14 - May 20) No. of Days: 7												
Mean	19.1	16.7	83	44	5.8	9.2	0	0	1.0	7.9
Std.Week No: 21 (May21 - May 27) No. of Days: 7												
Mean	18.5	18.2	83	50	4.1	4.8	0	0	5.8	6.6
Std.Week No:22 (May 28 - June 3) No. of Days: 7												
Mean	18.3	19.0	85	59	4.8	6.3	0	0	4.5	5.6

Note: Rainfall is in total