

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: January
Year: 2026

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
			LMT	LMT	LMT	LMT		LMT	LMT	LMT	LMT	LMT	LMT
1	28.2	17.6	22.0	26.0	20.0	20.6	3.7	20.2	28.8	21.2	27.0	23.0	26.0
2	27.2	16.8	19.2	26.4	18.2	18.8	3.6	20.0	29.0	21.2	28.0	23.0	26.8
3	27.4	16.6	18.0	26.2	16.8	18.4	3.7	20.2	30.4	21.0	29.0	25.0	27.5
4	27.0	16.4	16.8	25.6	15.2	16.8	3.6	19.8	31.4	21.0	29.0	22.8	28.0
5	26.2	15.8	16.2	26.0	15.8	17.8	3.5	20.0	32.0	21.0	30.6	23.0	29.0
6	26.6	16.0	18.8	25.0	17.6	18.0	3.6	20.2	30.2	21.2	28.6	23.0	26.4
7	26.4	16.4	18.0	25.4	16.4	18.6	3.5	20.6	30.4	22.0	29.9	23.0	27.0
8	26.2	16.8	18.0	24.4	16.0	15.8	3.4	20.0	31.0	21.6	29.8	23.0	28.0
9	25.0	13.4	15.8	25.0	14.2	16.0	3.6	21.0	30.6	22.8	28.0	23.0	27.0
10	25.2	15.2	18.0	25.2	15.8	18.0	3.4	20.0	30.0	21.2	28.4	23.0	27.0
11	25.4	14.2	18.6	24.2	16.2	18.8	3.6	21.0	30.0	22.2	28.0	24.0	27.2
12	24.4	13.2	18.8	24.8	16.6	19.0	3.5	20.8	30.4	22.0	28.0	23.8	26.8
13	25.6	16.0	19.0	27.4	15.8	19.8	3.4	20.4	30.6	22.2	29.0	24.0	27.2
14	28.2	16.2	20.2	26.8	17.8	19.0	4.0	21.2	31.0	22.0	28.0	24.2	26.0
15	28.4	15.6	17.4	25.8	15.4	19.0	4.1	20.0	30.4	21.0	28.6	22.6	26.0
16	28.0	16.2	19.0	26.0	17.2	19.0	3.9	21.0	31.0	22.0	29.0	23.4	28.0
17	27.6	15.0	17.4	26.0	14.8	19.2	4.0	18.0	30.8	20.4	29.2	24.0	27.8
18	27.0	14.0	15.0	26.8	13.6	19.4	4.0	18.0	30.6	20.4	29.0	24.2	27.6
19	29.0	14.6	14.4	27.8	12.6	18.8	4.3	18.0	31.4	21.0	30.0	23.8	28.4
20	29.0	14.4	15.0	27.4	13.4	16.6	4.4	21.0	31.0	22.0	29.4	23.2	26.6
21	28.2	14.8	15.8	26.2	14.8	17.8	4.2	22.0	33.0	23.0	32.0	24.0	28.0
22	27.2	12.8	16.0	26.0	14.8	18.2	4.2	21.0	33.0	22.4	31.2	23.8	28.0
23	26.8	13.4	17.0	25.2	15.2	18.0	4.0	21.6	32.0	22.8	30.2	23.2	29.0
24	27.4	15.2	18.2	25.0	16.8	18.2	4.0	21.2	33.2	22.0	31.0	23.0	30.0
25	26.0	14.6	18.2	25.2	16.8	18.0	3.8	21.0	32.0	23.0	30.2	24.0	28.0
26	26.6	16.8	18.0	24.8	16.8	18.2	3.6	22.0	30.0	23.2	29.2	24.8	28.0
27	26.0	15.2	19.0	28.0	15.6	19.6	3.7	21.0	32.0	22.0	30.4	24.4	28.0
28	28.2	16.0	20.8	28.4	18.0	19.8	4.1	20.0	35.0	22.2	32.0	23.4	29.0
29	29.0	16.2	20.0	27.0	18.2	18.0	4.3	21.0	34.0	23.0	32.6	24.0	29.6
30	27.2	14.8	17.8	27.8	16.0	18.8	4.1	22.0	34.4	23.0	33.0	24.6	30.0
31	28.2	14.0	18.0	27.0	15.8	17.4	4.4	21.2	34.0	22.4	32.0	24.0	29.2
Mean	27.1	15.3	17.9	26.1	16.1	18.4	4.0	20.5	31.4	21.9	29.7	23.6	27.8
Weekly mean													
Std.Week No: (1 Jan. 1 - Jan. 7) No. of Days: 7													
Mean	27.0	16.5	18.4	25.8	17.1	18.4	3.6	20.1	30.3	21.2	28.9	23.3	27.2
Std.Week No: 2 (Jan. 8 - Jan.14) No. of Days: 7													
Mean	25.7	15.0	18.3	25.4	16.1	18.1	3.5	20.6	30.5	22.0	28.5	23.6	27.0
Std.Week No: 3 (Jan. 15 - Jan.21) No. of Days: 7													
Mean	28.2	14.9	16.3	26.6	14.5	18.5	4.1	19.7	31.2	21.4	29.6	23.6	27.5
Std.Week No: 4 (Jan.22 - Jan. 28) No. of Days: 7													
Mean	26.9	14.9	18.2	26.1	16.3	18.6	3.9	21.1	32.5	22.5	30.6	23.8	28.6

PART II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month: January

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	16.4	15.2	83	60	4.8	90	45	4.6	0	2	2.2	3.8
2	15.1	12.1	91	47	3.0	90	140	0.9	2	0	0.0	2.4
3	13.7	11.6	88	45	5.3	45	45	5.5	2	0	0.0	4.0
4	12.1	9.5	84	39	7.0	90	45	5.2	0	0	0.0	4.0
5	13.2	10.8	96	43	6.9	90	140	8.9	0	0	0.0	4.4
6	14.4	11.6	89	49	7.1	90	140	9.2	0	0	0.0	4.4
7	13.1	12.3	85	51	8.1	90	45	2.7	0	0	0.0	4.0
8	12.5	8.7	81	38	7.0	90	140	9.0	0	0	0.0	4.2
9	11.3	8.7	84	37	6.2	90	90	6.7	0	0	0.0	3.2
10	12.3	11.5	79	48	4.8	90	140	5.8	0	0	0.0	4.2
11	12.5	13.3	78	59	6.8	90	45	5.2	0	2	0.4	3.0
12	13.0	13.3	80	57	9.1	90	140	2.2	0	0	0.0	3.4
13	11.7	13.1	71	48	8.2	90	45	2.5	0	0	0.0	4.4
14	14.0	12.2	79	46	4.0	90	140	6.2	0	0	0.0	4.0
15	12.0	12.7	81	51	2.5	90	140	6.0	0	0	0.0	4.0
16	13.7	12.6	83	50	3.7	90	140	8.8	0	0	0.0	4.4
17	11.2	12.9	75	51	3.9	90	140	8.7	0	0	0.0	4.6
18	10.9	12.8	85	48	3.6	180	140	9.8	0	0	0.0	4.8
19	10.0	11.3	81	40	2.5	180	45	9.8	0	0	0.0	5.0
20	10.7	8.2	83	30	2.3	140	45	9.7	0	0	0.0	4.8
21	12.1	10.7	90	42	4.5	140	140	9.7	0	0	0.0	4.6
22	12.0	11.4	88	45	5.2	140	90	9.9	0	0	0.0	4.8
23	12.0	11.5	82	48	4.5	140	45	10.4	0	0	0.0	5.4
24	13.6	11.9	87	50	6.4	140	140	10.1	0	0	0.0	5.8
25	13.6	11.5	87	48	9.5	140	140	1.8	0	0	0.0	5.4
26	13.7	12.0	88	51	8.5	140	90	3.2	0	0	0.0	5.8
27	11.4	12.5	69	44	5.5	90	230	1.4	0	0	0.0	4.6
28	13.9	12.6	76	43	6.4	90	45	8.7	0	0	0.0	5.0
29	14.7	10.5	84	39	6.4	90	140	9.4	0	0	0.0	6.0
30	12.6	11.3	83	40	7.0	90	45	9.6	0	0	0.0	5.4
31	12.3	9.6	79	36	6.4	90	45	9.8	0	0	0.0	5.6
Mean	12.8	11.6	83	46	5.7	..	..	6.8	0	0	2.6	4.5
Weekly mean												
Std.Week No: (1 Jan. 1 - Jan. 7) No. of Days: 7												
Mean	14.0	11.9	88	48	6.0	..	..	5.3	1	0	0.3	3.9
Std.Week No: 2 (Jan. 8 - Jan.14) No. of Days: 7												
Mean	12.5	11.5	79	47	6.6	..	..	5.4	0	0	0.1	3.8
Std.Week No: 3 (Jan.15 - Jan.21) No. of Days: 7												
Mean	11.5	11.6	83	45	3.3	..	..	8.9	0	0	0.0	4.6
Std.Week No: 4 (Jan.22 - Jan.28) No. of Days: 7												
Mean	12.9	11.9	82	47	6.6	..	..	6.5	0	0	0.0	5.3