

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: 2026

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	20Cm	20Cm
			0700	1400	0700	1400		0700	1400	0700	1400	0700	1400
			LMT	LMT	LMT	LMT		LMT	LMT	LMT	LMT	LMT	LMT
1	28.6	14.8	15.8	27.2	14.4	17.8	5.1	34.0	20.4	32.0	22.0	29.2	25.0
2	28.2	14.8	18.0	27.0	15.8	18.8	4.3	33.6	33.0	32.2	31.4	29.0	28.4
3	29.0	16.4	18.0	28.0	16.4	18.8	4.3	21.0	35.0	22.2	32.0	23.0	29.4
4	28.8	14.8	18.8	28.8	16.8	18.8	4.5	22.0	35.4	23.4	32.6	25.0	29.0
5	29.0	14.6	17.0	28.4	15.8	19.8	4.6	22.0	35.0	23.0	32.0	24.0	29.4
6	29.2	14.0	19.0	28.8	17.2	20.2	4.7	22.2	36.2	24.0	32.8	25.2	29.8
7	29.4	13.8	18.0	27.8	16.0	19.0	4.8	22.0	35.2	24.2	32.0	25.0	29.0
8	28.0	13.2	20.2	28.2	18.4	20.0	4.5	22.0	36.2	24.0	32.0	25.0	28.0
9	29.8	14.0	20.2	28.4	18.2	20.6	4.9	23.0	36.6	24.2	32.4	25.2	29.6
10	29.2	14.2	20.0	28.0	18.6	20.2	4.7	22.0	35.0	24.2	32.0	25.0	28.0
11	29.8	14.6	16.8	27.0	15.2	19.9	4.8	22.2	34.8	23.0	32.2	24.6	28.0
12	27.6	12.6	17.0	27.8	15.4	19.6	4.6	22.0	35.0	23.2	32.8	24.0	28.6
13	28.8	16.2	20.0	28.0	18.2	21.0	4.5	21.6	37.8	22.8	33.6	23.4	29.6
14	29.0	17.0	20.6	28.2	19.0	22.0	4.4	22.0	37.0	24.0	33.4	25.2	29.8
15	29.6	16.6	18.8	28.8	16.6	21.8	4.6	21.6	37.6	22.8	34.0	25.0	29.0
16	30.2	16.4	19.0	28.0	16.2	21.4	4.8	22.0	37.8	23.0	34.6	25.2	29.4
17	29.2	16.8	19.2	28.4	16.4	21.8	4.5	21.8	37.0	23.2	32.0	25.0	29.0
18	29.4	17.0	18.8	28.0	16.8	21.8	4.6	22.0	37.6	23.2	33.0	24.0	29.0
19	30.2	18.0	20.8	29.8	19.0	23.0	4.7	23.0	37.0	24.2	33.0	26.0	30.0
20	30.8	17.2	19.8	29.0	18.0	22.0	4.9	22.4	37.4	24.0	33.2	25.2	30.0
21	31.0	17.8	20.6	29.4	19.0	22.0	4.9	22.0	38.2	23.0	34.0	24.0	30.4
22	31.0	17.6	21.0	30.2	18.8	22.0	5.0	24.0	38.8	25.0	34.4	27.8	31.0
23	32.2	18.0	19.0	30.4	17.4	22.0	5.2	24.2	38.6	25.4	34.8	28.0	32.0
24	31.8	18.6	21.4	29.8	18.8	22.2	5.1	25.0	38.0	25.8	34.2	28.0	32.2
25	32.0	17.8	19.2	29.8	17.8	22.0	5.2	24.2	37.0	25.0	33.0	27.8	30.0
26	31.8	18.0	20.0	30.2	18.0	22.8	5.2	22.8	38.0	24.0	36.0	26.0	30.0
27	31.0	18.2	20.6	30.0	19.0	21.8	5.0	22.0	36.8	23.0	32.2	25.2	30.0
28	31.4	19.0	20.2	30.2	18.4	21.6	5.0	22.4	36.0	24.0	32.4	25.2	30.0
Mean	31.4	19.2	24.0	30.4	20.8	20.2	4.8	23.0	33.8	24.0	32.6	24.2	31.4
Std. Week No: 6 (Feb 5 - Feb 11) No. of Days: 7													
Mean	29.2	14.1	18.7	28.1	17.1	20.0	4.7	22.2	35.6	23.8	32.2	24.9	28.8
Std. Week No:7 (Feb12 - Feb 18) No. of Days: 7													
Mean	29.1	16.1	19.1	28.2	16.9	21.3	4.6	21.9	37.1	23.2	33.3	24.5	29.2
Std. Week No: 8 (Feb 19 - Feb 25) No. of Days: 7													
Mean	31.3	17.9	20.3	29.8	18.4	22.2	5.0	23.5	37.9	24.6	33.8	26.7	30.8

PART -II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month: February

Year: 2026

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		
	0700	1400	0700	1400		0700	1400					
	LMT	LMT	LMT	LMT		LMT	LMT					
1	11.5	10.1	86	37	6.4	90	90	10.5	0	0	0	5.8
2	12.3	11.7	79	44	7.0	90	90	9.3	0	0	0	6.0
3	13.1	11.2	85	39	7.6	90	90	9.3	0	0	0	5.6
4	13.2	10.8	81	36	6.4	90	140	8.9	0	0	0	6.4
5	12.8	12.6	88	43	5.0	90	140	10.3	0	0	0	5.6
6	13.7	13.0	83	44	4.8	90	45	10.9	0	0	0	6.2
7	12.5	11.6	81	41	4.6	90	45	10.5	0	0	0	6.0
8	14.9	13.0	84	45	2.5	90	45	10.5	0	0	0	5.8
9	14.6	13.9	82	48	2.3	90	140	9.6	0	0	0	6.8
10	15.3	13.4	87	47	1.8	90	140	9.7	0	0	0	6.2
11	12.1	13.5	84	50	4.0	90	140	9.7	0	0	0	5.8
12	12.2	12.6	84	45	5.5	90	45	10.4	0	0	0	6.2
13	14.7	14.8	84	52	5.2	90	140	10.6	0	0	0	6.0
14	15.6	16.4	86	57	4.2	90	140	10.1	0	0	0	6.8
15	13.0	15.7	80	53	4.4	90	140	10.5	0	0	0	6.6
16	12.3	15.5	74	55	1.8	90	45	9.8	0	0	0	6.6
17	12.4	15.9	75	55	5.7	90	140	9.6	0	0	0	7.2
18	13.2	16.1	81	57	2.7	90	140	9.5	0	0	0	5.8
19	15.5	17.3	84	55	5.2	90	140	7.8	0	0	0	6.0
20	14.5	15.9	84	53	7.4	90	140	8.9	0	0	0	6.6
21	15.6	15.7	86	51	10.2	90	90	8.5	0	0	0	6.2
22	15.1	15.3	81	47	6.7	90	45	9.0	0	0	0	6.8
23	14.0	15.2	85	47	6.9	90	140	9.7	0	0	0	6.8
24	14.8	15.9	78	50	4.8	90	140	9.8	0	0	0	7.6
25	14.5	15.5	87	49	5.0	90	45	6.8	0	0	0	7.0
26	14.4	16.7	82	52	3.2	90	45	4.9	0	0	0	6.8
27	15.6	15.0	86	47	4.4	180	140	5.8	0	0	0	6.4
28	14.9	14.6	84	45	3.9	90	140	6.2	0	0	0	6.0
Mean	13.9	14.2	83	48	9.0	90	140	10.0	0.0	0.0	0.0	5.8
Std. Week No: 6 (Feb 5 - Feb 11) No. of Days: 7												
Mean	13.7	13.0	84.2	45.7	3.6			10.2	0.0	0.0	0.0	6.1
Std. Week No:7 (Feb12 - Feb 18) No. of Days: 7												
Mean	13.3	15.3	80.5	53.3	4.2			10.1	0.0	0.0	0.0	6.5
Std. Week No: 8 (Feb 19 - Feb 25) No. of Days: 7												
Mean	14.9	15.8	83.4	50.4	6.6			8.6	0.0	0.0	0.0	6.7