

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: 2025

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	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT		LMT	LMT	LMT	LMT	LMT	LMT
1	30.2	17.6	19.2	30.0	18.2	21.6	4.4	22.4	34.8	23.4	31.4	26.0	28.6
2	31.0	17.0	19.8	29.8	18.8	21.8	4.7	21.2	35.0	23.0	31.2	25.0	29.0
3	31.2	15.0	19.0	29.4	18.0	21.2	5.0	22.0	35.0	24.0	32.0	25.2	28.0
4	31.8	15.2	16.4	30.0	15.2	20.6	5.1	23.4	34.6	24.5	31.4	26.0	28.6
5	31.6	14.8	17.4	31.0	16.2	21.8	5.1	21.2	34.0	23.0	31.2	24.0	28.0
6	31.0	15.0	19.0	29.0	17.8	20.6	5.0	22.0	35.0	24.2	31.0	26.0	27.0
7	30.0	14.8	15.0	29.4	13.6	20.4	4.8	21.0	34.6	23.0	30.4	25.0	27.0
8	31.0	15.4	19.0	29.0	17.6	19.8	5.0	22.0	33.2	23.4	29.4	26.0	27.0
9	29.8	14.8	18.0	29.2	16.6	20.4	4.8	21.0	33.6	22.4	30.0	24.0	27.8
10	29.6	16.4	19.0	28.0	17.2	19.4	4.6	22.0	35.0	22.6	31.8	24.6	28.4
11	30.2	16.0	19.8	29.6	18.2	21.0	4.8	22.0	35.0	24.2	31.4	25.0	28.6
12	31.0	14.6	19.6	30.2	18.2	20.8	5.1	20.0	35.2	21.2	32.0	24.0	28.6
13	31.8	14.8	20.0	31.2	18.8	21.8	5.3	21.2	34.8	23.0	31.2	24.8	28.0
14	32.0	15.4	18.0	30.0	16.8	21.8	5.3	22.0	35.2	24.0	31.0	25.2	29.0
15	31.6	16.0	19.2	29.0	18.2	19.8	5.2	22.0	36.2	25.0	32.0	26.0	29.0
16	32.2	16.8	22.2	29.0	21.2	20.6	5.2	22.4	35.0	25.0	32.0	27.0	30.0
17	32.0	17.0	20.0	29.8	17.8	21.8	5.2	22.0	36.0	24.2	32.0	25.0	30.2
18	32.2	17.2	20.0	29.8	18.8	21.6	5.2	22.4	36.2	24.0	32.6	26.0	31.0
19	32.6	18.0	22.2	30.0	20.8	20.8	5.2	22.2	35.8	24.0	32.8	25.8	30.4
20	33.0	18.2	22.0	31.8	20.2	22.0	5.3	22.0	36.2	23.8	33.6	26.0	30.0
21	32.2	17.2	21.0	31.2	19.0	21.2	5.3	22.0	36.0	23.2	33.4	27.0	30.2
22	32.4	18.2	20.6	31.0	18.4	20.4	5.2	23.4	35.6	24.2	33.0	27.0	29.0
23	32.4	18.0	21.0	31.0	18.8	19.8	5.3	24.0	36.0	24.6	33.0	26.8	30.0
24	32.6	18.2	21.0	30.4	19.0	19.6	5.3	23.2	35.4	24.0	33.0	26.8	30.0
25	31.4	17.0	20.0	29.8	18.4	19.2	5.2	21.4	35.2	23.2	33.6	26.0	29.6
26	31.2	17.8	21.0	29.6	19.0	19.0	5.0	22.0	36.0	24.0	32.0	27.2	29.6
27	31.4	17.0	20.2	30.2	17.8	19.8	5.2	21.8	36.0	23.4	34.2	26.4	30.2
28	31.2	16.6	20.8	30.0	18.4	19.0	5.2	22.0	36.4	23.8	34.0	26.6	30.0
Mean	31.4	19.2	24.0	30.4	20.8	20.2	5.1	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	30.5	15.3	18.2	29.3	16.7	20.5	4.8	21.6	34.3	23.3	30.7	24.9	27.7
Std. Week No:7 (Feb12 - Feb 18) No. of Days: 7													
Mean	31.8	16.0	19.9	29.9	18.5	21.2	5.2	21.7	35.5	23.8	31.8	25.4	29.4
Std. Week No: 8 (Feb 19 - Feb 25) No. of Days: 7													
Mean	32.4	17.8	21.1	30.7	19.2	20.4	5.3	22.6	35.7	23.9	33.2	26.5	29.9

PART -II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month: February

Year: 2025

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		
	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	IST	IST
1	15.1	14.7	91	46	4.2	270	140	10.1	0.0	0.0	0.0	6.2
2	15.7	15.1	91	48	3.3	270	140	6.4	0.0	0.0	0.0	5.4
3	14.9	14.3	91	47	3.8	90	140	10.2	0.0	0.0	0.0	6.0
4	12.3	13.0	88	41	3.7	90	90	10.5	0.0	0.0	0.0	6.2
5	13.2	14.5	88	43	3.8	140	140	10.5	0.0	0.0	0.0	6.4
6	14.6	13.5	89	45	5.0	90	140	10.3	0.0	0.0	0.0	6.6
7	10.9	13.0	85	42	4.2	90	140	10.4	0.0	0.0	0.0	6.4
8	14.3	12.2	87	41	4.4	90	140	10.4	0.0	0.0	0.0	6.8
9	13.4	13.1	87	43	4.5	180	140	9.3	0.0	0.0	0.0	6.6
10	13.7	12.1	83	43	5.2	140	140	9.5	0.0	0.0	0.0	6.6
11	14.8	13.9	85	45	4.2	140	45	9.4	0.0	0.0	0.0	6.0
12	14.9	13.2	87	41	4.0	90	45	10.6	0.0	0.0	0.0	6.8
13	15.6	14.4	89	42	4.0	90	45	10.6	0.0	0.0	0.0	6.6
14	13.7	15.0	88	47	4.4	90	45	10.1	0.0	0.0	0.0	6.8
15	15.1	12.2	91	41	4.0	90	45	10.0	0.0	0.0	0.0	7.2
16	18.3	13.5	91	45	4.4	90	45	10.4	0.0	0.0	0.0	7.0
17	14.1	15.1	80	48	5.1	45	45	10.6	0.0	0.0	0.0	6.6
18	15.6	14.8	89	47	5.0	45	90	10.4	0.0	0.0	0.0	7.0
19	17.6	13.3	88	42	4.8	90	45	10.0	0.0	0.0	0.0	7.8
20	16.8	14.4	85	41	3.2	140	45	9.9	0.0	0.0	0.0	6.8
21	15.4	13.3	82	39	4.7	90	45	10.1	0.0	0.0	0.0	6.6
22	14.7	12.1	81	36	5.5	90	90	9.0	0.0	0.0	0.0	7.6
23	15.1	11.1	81	33	6.1	90	45	9.5	0.0	0.0	0.0	7.2
24	15.4	11.1	82	34	6.8	45	90	10.1	0.0	0.0	0.0	7.6
25	15.0	10.8	85	34	7.9	90	90	9.9	0.0	0.0	0.0	7.4
26	15.4	10.6	82	34	10.2	90	140	10.1	0.0	0.0	0.0	7.4
27	14.1	11.6	79	36	10.7	90	140	10.4	0.0	0.0	0.0	7.4
28	14.5	10.4	79	33	8.4	90	45	10.3	0.0	0.0	0.0	7.6
Mean	14.8	13.1	86	41	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	13.6	13.2	86.4	43.1	4.5	-	-	10.0	0.0	0.0	0.0	6.5
Std. Week No:7 (Feb12 - Feb 18) No. of Days: 7												
Mean	15.3	14.1	88.0	44.5	4.4	-	-	10.4	0.0	0.0	0.0	6.9
Std. Week No: 8 (Feb 19 - Feb 25) No. of Days: 7												
Mean	15.7	12.3	83.4	37.1	5.6	-	-	9.8	0.0	0.0	0.0	7.3