

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

PART- I

District : Bengaluru

Lat : 13° 05' N

Month : August

State : Karnataka

Long : 77° 34' E

Year : 2026

Date	Air Temperature °C						PET (mm)	Soil Temperature °C					
	Max.	Min.	Dry	Dry	Wet	Wet		5 cm	5 cm	10 cm	10 cm	20 cm	20 cm
			0700	1400	0700	1400		0700	1400	0700	1400	0700	1400
			LMT	LMT	LMT	LMT		LMT	LMT	LMT	LMT	LMT	LMT
1	30.2	21.0	23.2	28.0	21.8	22.6	4.7	21.2	33.0	23.0	31.2	26.0	30.0
2	31.0	21.2	22.2	30.4	21.4	23.0	4.9	24.0	34.4	25.0	33.2	27.2	31.0
3	31.6	21.4	22.8	28.0	21.2	22.6	5.0	25.0	32.0	26.0	31.0	27.8	30.2
4	28.8	20.6	21.8	27.6	20.6	23.0	4.3	23.2	33.6	24.6	32.0	27.8	31.2
5	28.0	20.0	21.0	27.8	20.2	22.6	4.2	22.0	31.4	23.2	29.0	27.2	28.0
6	29.0	20.2	22.0	27.0	20.8	23.0	4.5	21.2	31.2	23.0	30.0	26.0	29.2
7	28.2	20.0	22.2	23.2	20.0	22.0	4.3	20.0	27.0	23.0	26.0	24.0	25.4
8	27.2	19.8	22.0	28.0	21.2	23.0	4.0	20.0	30.0	22.0	28.0	24.0	27.0
9	29.0	19.6	21.4	28.0	20.2	21.6	4.6	23.2	30.0	24.8	29.2	26.0	28.0
10	28.8	20.2	22.4	29.8	21.0	23.6	4.4	23.2	33.4	24.0	32.0	26.0	30.0
11	30.2	20.6	21.8	28.4	21.0	23.0	4.8	23.2	31.6	24.2	29.0	26.0	28.0
12	29.6	19.8	22.0	28.2	20.4	22.8	4.7	22.2	33.8	23.2	31.6	26.2	30.0
13	29.0	20.2	22.0	29.0	20.0	23.0	4.5	22.8	32.2	24.2	34.8	26.0	30.0
14	30.2	20.0	22.2	29.0	21.2	23.2	4.9	21.0	33.0	23.0	31.4	26.0	30.0
15	29.8	19.8	22.0	27.6	19.8	21.0	4.8	22.4	32.0	24.0	30.0	26.2	29.6
16	29.0	19.6	21.4	27.6	20.2	21.0	4.6	23.0	30.8	24.6	30.0	28.0	29.2
17	30.0	20.4	23.0	28.0	21.2	22.6	4.7	24.0	33.8	25.0	32.0	27.0	31.0
18	28.8	20.0	21.2	29.8	20.0	23.2	4.5	22.6	36.0	24.0	34.8	27.8	32.0
19	30.8	21.0	22.2	29.0	20.6	23.0	4.9	25.0	37.4	26.2	35.4	28.0	33.8
20	30.0	21.2	23.0	24.0	21.0	22.6	4.6	23.2	29.0	26.0	28.6	29.0	27.2
21	28.2	19.0	22.2	28.0	21.2	22.0	4.5	20.0	33.6	23.0	32.0	26.0	30.4
22	29.0	19.2	19.8	26.4	18.0	22.4	4.7	20.2	28.6	23.4	27.2	25.0	26.0
23	27.4	19.4	21.0	28.0	20.2	23.0	4.1	22.4	28.8	23.6	27.4	25.0	26.8
24	29.0	20.2	21.6	26.0	20.2	22.8	4.5	22.4	28.0	23.8	27.0	25.4	26.4
25	27.0	20.4	21.6	27.0	20.6	22.8	3.8	22.0	28.0	22.8	27.0	26.0	26.2
26	27.4	19.6	21.2	20.0	28.0	22.4	4.1	22.2	28.2	23.0	27.6	26.2	27.0
27	29.0	19.8	21.4	20.0	28.0	23.2	4.5	22.2	32.0	23.8	30.6	27.2	29.0
28	28.8	19.4	22.0	20.2	30.0	22.6	4.5	24.8	34.0	26.0	32.0	27.0	31.0
29	30.6	19.2	22.0	20.2	29.0	22.8	5.1	23.2	35.4	24.4	33.6	28.6	32.0
30	30.2	19.6	21.2	19.8	28.2	22.0	4.9	23.2	31.2	24.6	30.4	27.8	29.2
31	28.6	19.4	21.0	20.0	27.0	21.8	4.5	23.8	29.6	25.0	28.0	27.2	27.0
Mean	29.2	20.1	21.8	26.3	22.1	22.6	4.5	22.5	31.7	24.1	30.4	26.6	29.1
Std. Week No: 32 (August 6- August 12) No. of Days: 7													
Mean	28.9	20.0	22.0	27.5	20.7	22.7	4.5	21.9	31.0	23.5	29.4	25.5	28.2
Std. Week No: 33 (August 13 -August 19) No. of Days: 7													
Mean	29.7	20.1	22.0	28.6	20.4	22.4	4.7	23.0	33.6	24.4	32.6	27.0	30.8
Std. Week No: 34 (August 20 - August 26) No. of Days: 7													
Mean	28.3	19.9	21.5	25.6	21.3	22.6	4.3	21.8	29.2	23.7	28.1	26.1	27.1
Std. Week No:35 (August 27 - Sept. 02) No. of Days: 7													
Mean	29.4	19.5	21.5	20.0	28.4	22.5	4.7	23.4	32.4	24.8	30.9	27.6	29.6

PART- II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month : August

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		LMT	LMT		
1	18.8	16.1	91	62	8.3	270	230	5.0	2	2	0.0	4.0
2	18.0	14.1	93	52	6.9	320	320	1.8	2	2	3.0	4.8
3	18.0	15.1	86	62	6.1	230	140	3.1	0	2	0.0	4.8
4	17.5	14.3	90	67	5.4	140	320	1.6	4	0	3.0	3.2
5	17.3	13.5	93	64	4.9	320	230	1.2	8	2	2.4	2.4
6	17.8	15.0	89	71	5.2	270	320	3.2	2	2	2.0	3.8
7	16.3	15.8	81	90	4.7	270	320	2.8	8	8	4.4	3.2
8	18.4	15.1	93	65	4.6	270	320	0.5	0	4	4.0	1.8
9	17.1	13.4	89	56	5.1	230	320	2.6	6	4	11.8	4.0
10	17.9	13.8	88	59	4.4	320	230	3.7	2	2	0.0	4.6
11	18.2	14.6	93	62	3.3	230	230	6.3	2	2	2.2	3.2
12	17.1	13.7	86	59	5.1	270	320	7.6	2	2	0.2	3.6
13	16.4	12.6	82	60	6	270	320	5.7	2	2	0.0	4.4
14	18.3	14.6	91	61	5.4	270	320	8.6	2	2	5.0	4.2
15	16.1	13.0	81	54	6	230	230	6.2	2	2	0.4	4.0
16	17.1	13.7	89	54	5.8	270	320	4.8	2	2	0.0	4.6
17	17.9	15.1	85	62	5.7	230	230	6.5	2	2	0.4	4.4
18	16.9	12.1	89	57	4.5	320	320	3.4	2	2	2.0	3.8
19	17.3	13.5	86	60	5.6	320	320	9.6	6	2	0.0	4.6
20	17.5	17.0	83	89	5.3	270	320	2.7	2	2	0.0	4.4
21	18.3	15.1	91	59	3.6	270	230	3.2	2	2	9.8	2.0
24	14.5	10.8	85	70	5.7	270	320	7.6	2	2	2.2	3.8
23	17.3	13.4	93	65	4.6	230	320	2.6	2	2	3.0	2.8
24	17.0	14.5	88	76	4.7	230	320	5.0	6	4	8.4	2.8
25	17.6	14.7	91	69	5	270	230	0.4	8	4	3.8	2.0
26	32.2	32.8	89	61	5.8	230	320	3.2	2	2	0.0	3.8
27	32.0	32.8	88	66	5.2	270	230	5.5	0	0	0.0	4.0
28	36.3	37.3	85	52	5.5	230	230	6.2	0	0	0.0	4.6
29	34.0	35.0	85	58	6.8	320	230	7.7	0	0	0.0	4.2
30	32.6	33.4	88	57	4.6	320	230	9.0	0	0	5.2	3.8
31	30.1	41.8	91	63	5.4	320	140	6.5	0	0	0.6	4.0
Mean	19.8	18.3	88	63	5.3	..	..	4.6	3	2	73.8	3.7
Std. Week No: 32 (August 6 - August 12) No. of Days: 7												
Mean	17.5	14.5	88	66	4.6	..	..	3.8	3.1	3.4	24.6	3.5
Std. Week No: 33 (August 13 - August 19) No. of Days: 7												
Mean	17.1	13.5	86	58	5.6	..	..	6.4	2.6	2.0	7.8	4.3
Std. Week No: 34 (August 20 - August 26) No. of Days: 7												
Mean	19.2	16.9	89	70	5.0	..	..	3.5	3.4	2.6	27.2	3.1
Std. Week No: 35 (August 27 - Sept.02) No. of Days: 7												
Mean	33.0	36.1	87	59	5.5	..	..	7.0	0.0	0.0	5.8	4.1