

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: November
 Year: 2025

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	28.6	18.8	21.0	27.4	19.0	21.6	4.0	22.0	28.0	23.0	27.0	24.2	25.6
2	29.6	19.4	20.0	28.2	18.0	21.8	4.1	22.4	28.4	23.0	28.0	24.6	26.2
3	29.2	19.2	23.0	27.8	21.2	22.0	4.0	21.8	28.8	22.6	27.0	24.0	26.4
4	28.6	19.0	22.8	28.2	21.0	22.6	3.9	22.0	29.2	23.0	28.0	24.0	27.0
5	29.0	19.4	23.2	28.2	21.8	22.2	3.9	21.2	29.2	23.0	28.0	24.0	27.8
6	29.2	19.6	23.0	27.2	21.8	21.6	3.9	22.0	29.0	23.0	28.0	23.2	27.2
7	29.0	18.8	22.0	28.0	20.8	20.8	4.0	22.0	30.0	23.0	29.0	24.0	28.2
8	29.8	19.8	22.8	26.4	21.2	19.2	4.0	21.2	28.4	23.0	27.8	24.2	27.0
9	27.6	17.0	20.6	27.0	19.0	19.2	3.9	20.6	29.0	21.0	28.0	22.4	27.0
10	28.0	18.2	21.2	28.0	19.8	19.2	3.8	20.2	32.0	22.0	31.0	23.0	29.6
11	29.2	18.0	21.2	28.2	20.0	19.2	4.1	21.2	31.2	23.0	30.0	24.2	29.2
12	28.8	17.8	20.6	28.0	19.2	19.6	4.0	21.2	30.0	23.0	28.2	24.2	28.0
13	28.6	17.8	20.6	28.2	19.8	19.6	4.0	23.0	29.8	24.0	28.6	27.0	28.0
14	28.4	18.8	20.2	26.4	18.8	18.6	3.8	22.2	29.0	23.0	28.4	24.0	27.2
15	27.0	16.4	18.0	26.8	16.6	18.6	3.8	21.0	28.8	22.0	28.0	23.2	27.2
16	27.2	17.4	18.0	26.0	17.2	18.2	3.7	21.0	33.4	22.2	30.8	25.0	28.0
17	27.6	17.8	20.2	25.2	18.8	19.2	3.7	21.0	30.6	22.0	29.0	23.0	28.0
18	26.6	18.0	20.0	23.8	19.0	19.4	3.4	20.2	29.4	21.2	28.0	23.0	27.0
19	25.0	18.6	20.0	26.0	19.2	20.0	2.9	20.0	31.2	22.0	29.8	24.0	28.0
20	27.8	18.0	21.2	27.6	19.8	20.6	3.7	20.2	35.0	21.8	32.2	23.0	30.0
21	29.2	18.8	23.8	26.0	21.8	21.2	3.9	21.2	30.6	23.0	29.4	24.0	28.4
22	27.2	19.8	21.6	25.0	20.4	20.2	3.2	22.0	30.2	23.2	29.0	26.0	28.0
23	27.6	19.2	20.2	26.8	19.2	20.0	3.4	22.0	29.0	23.0	27.2	24.2	26.0
24	26.8	17.6	23.2	27.2	21.2	21.0	3.5	20.0	32.0	21.2	31.0	23.4	29.6
25	27.4	17.8	19.2	27.0	18.2	21.0	3.6	20.2	31.6	21.2	31.0	23.0	29.2
26	27.2	17.2	18.2	25.6	16.8	19.0	3.6	22.0	31.4	23.0	30.0	25.2	29.0
27	26.4	16.2	17.0	23.8	16.0	17.6	3.5	21.0	30.4	21.6	29.0	25.0	28.0
28	25.0	15.6	17.8	24.0	16.4	19.8	3.3	20.0	31.0	20.8	30.2	24.6	29.0
29	25.2	16.0	18.2	22.4	16.8	18.0	3.3	20.2	30.4	21.0	29.0	22.2	27.8
30	23.4	16.8	18.8	19.0	17.4	18.0	2.7	21.0	25.0	22.2	23.8	23.8	22.0
Mean	27.7	18.1	20.6	26.3	19.2	20.0	3.7	21.2	30.1	22.4	28.8	24.0	27.7
Weekly Mean													
Std. Week No:45 (Nov. 5 - Nov. 11) No. of Days: 7													
Mean	28.8	18.7	22.0	27.6	20.6	20.2	3.9	21.2	29.8	22.6	28.8	23.6	28.0
Std. Week No:46 (Nov.12 - Nov.18) No. of Days: 7													
Mean	27.7	17.7	19.7	26.3	18.5	19.0	3.7	21.4	30.1	22.5	28.7	24.2	27.6
Std. Week No:47 (Nov.19 - Nov. 25) No. of Days: 7													
Mean	27.3	18.5	21.3	26.5	20.0	20.6	3.4	20.8	31.4	22.2	29.9	23.9	28.5
Std. Week No:48 (Nov. 26 - Dec.2) No. of Days: 7													
Mean	25.4	16.4	18.0	23.0	16.7	18.5	3.1	20.8	29.6	21.7	28.4	24.2	27.2

PART II

Time of observation:

Month: November

I---> 0700 Hours LMT = 0720 IST

Year: 2025

II---> 1400 Hours LMT = 1420 IST

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	16.1	82	59	3.2	230	230	10.5	4	4	0.0	4.6
2	14.4	16.0	82	56	1.8	230	320	9.7	4	2	0.0	5.0
3	17.9	16.6	85	59	1.9	45	45	6.3	2	2	0.0	4.8
4	17.7	17.5	85	61	3.0	230	270	4.6	2	2	0.0	4.6
5	18.8	16.7	88	58	2.7	270	320	2.3	2	2	0.0	5.0
6	18.9	16.2	90	60	3.5	270	45	3.8	2	2	0.0	6.2
7	17.8	14.4	90	51	3.2	45	90	6.4	2	2	0.0	5.2
8	18.0	12.7	86	49	2.8	140	45	6.7	2	0	0.0	5.4
9	15.6	12.4	86	46	3.2	45	45	7.1	0	0	0.0	4.2
10	16.5	11.8	88	42	2.4	45	270	9.2	0	0	0.0	5.2
11	16.9	11.7	89	41	1.0	90	270	9.7	0	0	0.0	5.0
12	15.9	12.5	87	44	2.1	90	270	7.1	0	0	0.0	5.4
13	16.9	12.4	93	43	4.6	45	90	6.6	0	0	0.0	5.0
14	15.5	11.8	87	46	5.2	45	45	5.9	0	0	0.0	4.4
15	13.4	11.5	87	44	4.5	90	140	6.8	0	0	0.0	4.4
16	14.3	11.4	92	45	5.4	45	45	9.0	0	0	0.0	4.2
17	15.5	13.4	87	56	5.2	45	140	5.4	0	0	0.0	4.2
18	15.9	14.5	91	65	6.5	90	140	3.4	0	0	0.0	4.0
19	16.2	14.2	93	56	6.2	140	140	2.5	0	0	0.0	3.0
20	16.5	14.3	88	52	7.9	90	90	5.6	0	0	0.0	3.8
21	18.5	16.2	84	64	4.3	90	140	9.1	0	0	0.0	4.6
22	17.3	15.1	89	64	1.6	45	45	4.4	0	0	0.0	3.8
23	16.1	13.8	91	52	6.5	90	45	3.5	0	0	0.0	3.6
24	17.8	15.2	83	56	5.7	90	90	2.0	0	0	0.0	4.8
25	15.1	15.3	91	57	6.5	90	45	7.5	0	0	0.0	3.6
26	13.6	12.8	87	52	6.5	45	90	7.0	0	0	0.0	4.0
27	13.1	11.7	90	53	6.8	45	45	7.4	0	4	0.0	4.4
28	13.2	15.0	86	67	8.3	45	90	2.2	6	4	0.0	3.4
29	13.6	13.1	87	64	7.8	45	90	4.4	4	4	0.0	4.6
30	14.1	14.9	87	91	8.1	360	320	0.2	6	8	0.0	2.6
Mean	16.0	18.0	88	55	4.6	..	..	5.9	1	1	0.0	4.4
Weekly Mean												
Std. Week No:45 (Nov. 5 - Nov. 11) No. of Days: 7												
Mean	17.5	13.7	88	50	2.7	..	..	6.5	1	1	0.0	5.2
Std. Week No:46 (Nov.12 - Nov.18) No. of Days: 7												
Mean	15.3	12.5	89	49	4.8	..	..	6.3	0	0	0.0	4.5
Std. Week No:47 (Nov .19 - Nov. 25) No. of Days: 7												
Mean	16.8	14.9	88	57	5.5	..	..	4.9	0	0	0.0	3.9
Std. Week No:48 (Nov. 26 - Dec.2) No. of Days: 7												
Mean	13.5	15.0	87	65	7.5	..	..	4.2	3	4	0.0	3.8