

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: September

State: Karnataka

Long: 77° 34' E

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	19.0	21.0	28.8	19.4	22.8	4.5	22.0	23.2	27.2	34.0	32.8	31.0
2	30.4	19.2	22.0	30.2	20.4	22.4	5.0	24.6	26.0	27.0	35.0	33.4	32.0
3	31.0	20.0	21.6	30.0	20.0	23.0	5.0	24.8	26.2	28.2	34.6	33.0	32.0
4	30.4	20.0	21.2	29.8	20.2	23.2	4.9	24.0	25.2	28.0	33.0	31.4	30.4
5	31.0	20.4	21.2	30.8	20.0	23.6	5.0	24.2	25.2	28.0	34.4	33.2	32.0
6	31.4	21.0	23.0	30.0	21.0	23.2	5.0	25.0	26.4	27.8	35.0	33.6	32.2
7	31.6	21.2	23.2	30.2	21.6	22.8	5.0	25.8	27.0	29.0	37.0	36.0	34.0
8	31.8	21.0	23.4	30.0	21.4	22.2	5.1	24.2	26.0	29.0	37.4	36.2	35.0
9	30.8	20.2	22.0	29.8	20.0	22.4	4.9	22.0	25.2	28.0	37.2	36.0	34.8
10	30.0	20.8	23.2	29.8	21.8	22.2	4.6	20.8	24.0	25.2	35.4	34.0	33.2
11	31.0	21.2	23.2	31.2	21.6	22.0	4.8	21.2	23.0	26.2	37.2	36.0	34.8
12	31.4	21.0	23.0	31.0	21.8	22.2	4.9	22.0	24.2	26.8	34.0	32.0	30.2
13	31.2	20.2	22.2	29.2	20.2	22.2	5.0	24.2	26.2	28.0	35.2	33.0	30.2
14	30.4	19.8	23.0	29.0	20.4	21.0	4.9	23.0	25.2	27.0	36.2	34.2	31.2
15	32.8	20.8	23.8	31.2	21.4	23.6	5.3	27.0	28.4	30.0	37.2	36.4	35.2
16	31.8	19.2	22.2	29.6	20.0	22.8	5.3	22.0	24.0	28.0	34.4	33.0	30.8
17	31.0	20.0	22.0	30.6	20.0	24.0	4.9	23.2	24.0	27.2	36.4	35.0	34.0
18	31.2	21.0	23.0	31.2	21.2	23.4	4.8	24.0	26.0	28.0	37.2	36.2	35.0
19	32.0	21.2	23.8	30.4	21.8	23.2	5.0	23.0	25.2	29.0	37.2	36.0	35.0
20	31.4	19.8	21.4	28.0	21.0	23.4	5.1	25.0	27.0	29.0	31.0	29.6	29.0
21	28.8	20.4	23.0	27.8	21.4	24.0	4.2	25.2	26.0	28.0	31.4	29.4	28.0
22	30.0	19.0	22.0	28.2	20.0	23.0	4.8	21.0	24.0	26.0	29.2	27.2	26.0
23	29.2	19.0	21.2	26.2	19.0	21.6	4.6	20.0	23.0	25.0	29.0	28.2	27.4
24	28.8	19.0	21.2	26.0	19.2	22.0	4.4	22.0	23.2	25.0	29.0	28.0	27.3
25	29.6	19.2	22.0	27.2	20.2	21.0	4.6	23.2	25.2	27.0	28.2	27.2	26.2
26	29.0	19.8	22.0	28.8	20.0	23.2	4.3	23.4	26.0	28.0	29.2	28.2	26.0
27	30.0	20.2	23.2	29.0	21.4	23.8	4.5	23.0	25.2	28.0	30.2	28.0	27.2
28	30.4	21.0	23.2	30.0	21.0	23.0	4.5	24.2	26.0	29.0	32.2	30.0	29.2
29	31.0	21.6	21.0	29.0	20.0	23.2	4.5	20.0	23.0	24.0	32.0	30.0	29.0
30	30.0	19.2	20.4	28.8	20.0	23.8	4.7	22.6	24.2	25.0	32.2	30.0	29.0
Mean	30.6	20.2	22.3	29.4	20.6	22.8	4.8	23.2	25.1	27.4	33.7	32.1	30.9
Weekly Mean													
Std. Week No:36 (Sept. 3 - Sept. 9) No. of Days: 7													
Mean	31.1	20.5	22.2	30.1	20.6	22.9	5.0	24.3	25.9	28.3	35.5	33.9	32.9
Std. Week No:37 (Sept.10 - Sept.16) No. of Days: 7													
Mean	31.2	20.4	22.9	30.1	21.0	22.3	5.0	22.9	25.0	27.3	35.7	34.1	32.2
Std. Week No:38 (Sept.17 - Sept. 23) No. of Days: 7													
Mean	30.5	20.1	22.3	28.9	20.6	23.2	4.8	23.1	25.0	27.5	33.1	31.7	30.6
Std. Week No:39 (Sept. 24 - Sept.30) No. of Days: 7													
Mean	29.8	20.0	21.9	28.4	20.3	22.9	4.5	22.6	24.7	26.6	30.4	28.8	27.7

PART II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month: September

Year: 2026

Date	Humidity				Mean Wind			Bright SSH	Cloud Amount (Octas)		Rainfall (mm)	Pan Evap. (mm)
	Vap. (mm)	Pr. Hg.	Rel. Hum. %		Speed (Km/hr)	Direction			0700	1400		
	0700	1400	0700	1400		0700	1400					
	LMT	LMT	LMT	LMT		LMT	LMT					
1	16.0	17.5	86	59	4.3	315	230	4.9	0	0	0.0	4.4
2	16.2	16.0	86	50	5.4	45	270	9.4	0	0	0.0	5.6
3	16.7	17.2	86	54	4.9	315	270	7.0	0	2	0.0	5.2
4	17.2	17.7	91	56	3.8	315	315	4.1	0	0	26.8	4.0
5	16.9	17.8	89	54	4.1	45	45	8.3	0	0	0.0	5.0
6	17.5	17.5	81	55	3.4	45	45	10.1	0	0	0.0	5.8
7	18.5	16.7	87	53	4.1	315	315	9.7	0	0	0.0	5.8
8	18.0	15.7	84	51	4.5	315	315	9.1	0	0	0.0	6.0
9	16.4	16.2	82	53	5.0	315	230	8.7	0	0	0.2	4.4
10	18.8	15.9	88	52	3.4	315	315	9.2	0	0	0.0	6.2
11	18.5	14.7	87	45	3.8	315	45	5.8	0	0	0.0	5.0
12	18.9	15.2	90	47	3.6	315	45	6.2	0	0	0.0	5.4
13	16.6	16.2	82	56	3.0	315	45	4.6	0	0	0.0	6.2
14	16.5	14.2	78	49	4.0	315	315	1.0	0	0	0.0	4.0
15	17.8	17.6	80	52	3.8	45	45	7.5	0	0	0.0	4.8
16	16.3	17.0	81	56	2.0	180	315	8.2	0	0	6.0	4.2
17	16.4	18.7	83	58	2.0	270	230	5.0	0	0	0.0	4.0
18	17.9	17.2	85	52	5.1	270	230	7.4	0	0	0.0	4.4
19	18.5	17.3	84	53	4.0	270	315	8.6	0	4	0.6	4.6
20	18.4	19.0	86	67	3.8	315	315	6.4	6	4	15.4	4.2
21	18.2	20.3	87	73	3.8	315	315	1.4	2	4	0.0	3.0
22	16.4	18.2	82	64	4.1	270	270	4.0	2	2	43.2	3.2
23	15.3	16.8	81	67	5.7	270	230	4.1	2	2	0.0	3.8
24	15.6	17.6	83	71	7.3	270	230	0.8	2	2	0.0	3.8
25	16.8	15.2	84	57	7.0	270	230	3.2	2	2	0.0	3.4
26	16.4	18.2	82	62	6.5	270	230	2.6	2	2	0.0	3.2
27	18.1	19.2	85	65	3.8	270	230	6.5	2	2	0.0	4.4
28	17.4	17.2	82	56	2.4	270	230	9.0	2	2	0.0	5.2
29	17.0	18.1	90	60	3.0	270	140	3.2	2	2	45.0	4.4
30	17.3	19.3	96	65	2.2	230	180	4.7	8	2	15	4.0
Mean	17.2	17.2	85	57	4.1	..	..	6.0	1	1	152.2	4.6
Weekly Mean												
Std. Week No:36 (Sept. 3 - Sept. 9) No. of Days: 7												
Mean	17.3	17.0	86	54	4.3	..	..	8.1	0	0	27.0	5.2
Std. Week No:37 (Sept.10 - Sept.16) No. of Days: 7												
Mean	17.6	15.8	84	51	3.4	..	..	6.1	0	0	6.0	5.1
Std. Week No:38 (Sept .17 - Sept. 23) No. of Days: 7												
Mean	17.3	18.2	84	62	4.1	..	..	5.3	2	8	27.2	3.9
Std. Week No:39 (Sept. 24 - Sept.30) No. of Days: 7												
Mean	16.9	17.8	86	62	4.6	..	..	4.3	3	2	60.0	4.1

Note: Rainfall is in Total