

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: June
Year : 2025

Date	Air Temperature °C						PET (mm)	Soil Temperature °C					
	Max.	Min.	Dry	Dry	Wet	Wet		5 cm	5cm	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	30.4	19.0	22.6	30.0	21.0	22.6	5.1	24.0	34.0	25.0	32.0	26.6	30.0
2	31.2	20.4	23.0	29.2	21.0	22.6	5.1	24.8	35.0	25.2	33.4	27.0	31.0
3	30.2	20.6	23.2	27.8	21.4	22.8	4.8	25.0	34.8	25.8	32.6	27.0	31.0
4	29.2	20.4	23.0	29.2	21.2	21.8	4.5	25.2	36.0	26.0	34.0	27.4	32.0
5	30.8	20.2	22.4	30.0	20.6	22.0	5.0	25.0	38.0	26.0	36.0	28.2	33.6
6	30.6	21.2	23.4	30.2	21.2	23.4	4.8	26.2	38.4	27.0	35.8	29.4	33.0
7	31.4	21.6	23.6	30.0	21.8	22.0	4.9	26.2	40.0	28.0	37.0	30.2	35.0
8	31.6	21.0	22.8	31.4	21.6	25.0	5.1	27.0	39.0	28.0	37.4	30.4	35.2
9	32.4	20.8	22.4	29.8	21.4	23.0	5.4	25.4	34.8	27.0	32.0	30.2	30.2
10	30.6	20.2	22.2	31.2	21.0	25.2	5.0	23.0	35.0	24.0	32.4	28.0	30.2
11	31.0	20.2	22.8	25.2	21.4	22.6	5.1	24.8	29.0	25.8	27.8	27.2	26.0
12	28.4	20.0	22.4	27.2	21.2	23.4	4.3	24.0	29.0	24.8	28.0	27.0	26.8
13	28.0	20.4	22.6	27.0	21.0	23.8	4.1	23.0	29.8	24.2	27.6	26.6	26.0
14	27.8	20.6	22.8	26.0	20.8	23.0	4.0	24.0	29.4	25.0	27.0	27.0	25.8
15	27.2	19.6	22.0	25.6	20.6	22.0	4.0	22.6	27.4	23.0	26.0	25.6	24.2
16	27.0	19.0	21.2	26.0	19.6	21.8	4.1	22.0	28.0	23.2	27.0	25.0	25.4
17	27.4	20.0	21.8	26.6	20.6	22.0	4.0	22.0	29.4	23.0	28.0	26.2	26.0
18	27.4	19.6	21.6	27.8	20.4	22.4	4.1	23.2	30.2	24.0	28.4	25.2	27.0
19	29.2	20.2	22.0	28.2	20.8	22.6	4.5	23.8	31.2	24.4	29.4	26.0	28.0
20	28.8	20.0	22.4	28.6	21.4	22.4	4.4	24.0	34.0	25.0	32.6	26.8	30.0
21	30.2	20.6	22.2	29.2	20.8	22.2	4.8	24.8	34.0	25.6	32.6	27.8	30.2
22	30.4	20.2	21.6	27.4	20.2	22.0	4.9	23.0	30.0	24.0	29.0	26.4	28.4
23	28.0	19.2	21.0	26.4	19.6	21.4	4.4	22.4	27.0	23.8	26.4	25.0	25.0
24	27.8	19.8	22.0	27.4	20.2	21.8	4.2	22.0	30.0	23.2	28.4	24.0	26.0
25	28.0	19.2	23.2	27.2	21.8	22.8	4.4	22.2	30.2	24.2	28.2	24.8	25.0
26	28.8	19.4	23.8	27.6	21.8	21.8	4.6	22.6	31.0	23.2	29.0	24.0	27.2
27	29.0	19.8	22.0	28.4	20.8	22.4	4.5	22.4	34.0	23.2	31.4	25.2	30.0
28	29.8	20.0	23.0	29.8	21.8	23.2	4.7	23.2	32.2	25.2	28.6	26.0	27.0
29	30.0	20.2	22.2	30.0	21.0	23.8	4.8	24.2	34.2	25.2	30.0	27.0	27.2
30	30.2	20.4	22.0	29.2	20.0	22.0	4.8	23.2	35.0	25.0	32.6	26.2	30.2
Mean	29.4	20.1	22.4	28.3	20.9	22.7	4.6	23.8	32.7	24.9	30.7	26.8	28.8
Weekly mean													
Std. Week No:23 (June 4 - June 10) No. of Days: 7													
Mean	30.9	20.8	22.8	30.3	21.3	23.2	5.0	25.4	37.3	26.6	34.9	29.1	32.7
Std. Week No:24 (June 11 - June 17) No. of Days: 7													
Mean	28.1	20.0	22.2	26.2	20.7	22.7	4.2	23.2	28.9	24.1	27.3	26.4	25.7
Std. Week No: 25 (June 18 - June 24) No. of Days: 7													
Mean	28.8	19.9	21.8	27.9	20.5	22.1	4.5	23.3	30.9	24.3	29.5	25.9	27.8
Std. Week No:26 (June 25 - July 01) No. of Days: 7													
Mean	29.3	19.8	22.7	28.7	21.2	22.7	4.6	23.0	32.8	24.3	30.0	25.5	27.8

PART II

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month: June

Year : 2025

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	17.8	16.5	86	52	6.1	230	230	5.2	0	0	0	4.0
2	17.5	16.9	83	56	7.2	230	230	10.0	0	0	0	5.0
3	18.1	18.0	85	64	6.9	320	230	7.8	0	0	0	5.8
4	17.9	15.5	85	51	7.0	320	270	8.3	0	0	0	5.6
5	17.2	15.4	85	48	5.3	320	320	9.3	0	0	0	6.0
6	17.7	17.8	82	55	4.5	320	230	10.1	0	0	0	6.2
7	18.6	15.4	85	48	3.9	320	230	10.9	0	0	0	6.0
8	18.7	20.2	90	59	5.1	320	320	9.2	0	0	0	5.8
9	18.6	17.3	91	55	5.3	230	320	8.5	2	0	3.2	5.6
10	18.0	20.7	90	61	4.8	320	320	3.3	0	0	12.4	4.6
11	18.3	19.1	88	80	5.9	320	320	9.0	0	6	6.6	4.4
12	18.2	19.5	90	72	5.3	230	230	0.0	8	6	8.4	3.8
13	17.8	20.3	86	76	7.7	320	230	3.9	8	2	0.6	2.8
14	17.3	19.4	83	77	7.7	230	230	2.3	2	2	0	4.0
15	17.4	17.8	88	72	9.7	230	230	0.0	8	2	1.8	3.8
16	16.2	17.3	86	68	11.2	230	320	1.8	6	6	1	3.4
17	17.5	17.3	90	66	8.9	230	230	3.2	4	4	0	3.6
18	17.3	17.3	89	62	8.0	320	230	2.6	2	2	0.6	2.4
19	17.8	17.5	90	61	7.8	320	320	4.0	0	0	0	3.2
20	18.6	16.9	91	57	7.9	320	320	3.8	0	0	0	4.0
21	17.6	16.2	88	53	8.2	320	230	9.8	0	0	0	4.4
22	17.0	16.8	88	61	7.5	320	320	6.0	4	4	5.2	5.0
23	16.3	16.3	88	63	6.9	230	230	2.1	4	2	6.4	3.4
24	16.8	16.5	85	60	8.6	270	230	0.6	4	2	0	3.0
25	18.8	18.4	88	68	9.7	270	230	3.9	4	2	0	4.4
26	18.5	16.4	84	59	9.1	270	320	3.6	4	4	0	5.2
27	17.8	17.0	90	59	8.4	270	230	1.5	4	2	0	4.2
28	18.9	17.7	90	56	8.2	270	230	3.7	4	2	0	5.2
29	18.0	18.7	90	59	8.0	270	230	6.1	4	2	0	4.4
30	16.4	15.8	83	52	8.2	270	230	8.5	4	2	0	5.2
Mean	17.8	17.5	87	61	7.3	..	..	5.3	2.5	1.7	46.2	4.5
Weekly mean												
Std. Week No:23 (June 4 - June 10) No. of Days: 7												
Mean	18.1	17.5	87	54	5.1	..	..	8.5	0	0	15.6	5.7
Std. Week No:24 (June 11 - June 17) No. of Days: 7												
Mean	17.5	18.7	87	73	8.1	..	..	2.9	5	4	18.4	3.7
Std. Week No: 25 (June 18 - June 24) No. of Days: 7												
Mean	17.3	16.8	88	60	7.8	..	..	4.1	2	1	12.2	3.6
Std. Week No:26 (June 25 - July 01) No. of Days: 7												
Mean	18.1	17.3	87	59	8.6	..	..	4.6	4	2	0.0	4.8

Note: Rainfall is in total