PART- II

AICRP on Agrometeorology

Meteorological Observation at GKVK, UAS (B), Bangalore

PART- I

District: Bengaluru **Lat : 13° 05' N** **Month: October**

State : Karnataka **Long: 77° 34' E** **Year : 2026**

Alt : 924 m (amsl)

Date	Air Temperature °C						PET (mm)	Soil Temperature °C					
	Max.	Min.	Dry 0700 LMT	Dry 1400 LMT	Wet 0700 LMT	Wet 1400 LMT		5 cm 0700 LMT	5 cm 1400 LMT	10 cm 0700 LMT	10 cm 1400 LMT	20 cm 0700 LMT	20 cm 1400 LMT
1	**29.2**	**19.0**	**21.0**	**29.2**	**20.2**	**20.8**	**4.5**	**21**	**32**	**24**	**31.2**	**26.2**	**30.2**
2	**29.8**	**20.2**	**23.2**	**29.0**	**21.4**	**23.0**	**4.4**	**22.4**	**32**	**24**	**30.6**	**26.2**	**29**
3	**29.6**	**20.0**	**22.0**	**27.8**	**20.2**	**22.0**	**4.4**	**23.2**	**30.2**	**25.2**	**29.2**	**26**	**28**
4	**28.2**	**20.4**	**22.8**	**29.8**	**20.6**	**23.8**	**3.9**	**24**	**32**	**25.2**	**30.2**	**26.2**	**30**
5	**31.0**	**21.2**	**22.6**	**29.8**	**20.6**	**23.6**	**4.5**	**25.2**	**34**	**28**	**32**	**29**	**31.6**
6	**30.2**	**19.8**	**21.2**	**28.6**	**20.0**	**23.0**	**4.6**	**20**	**32.6**	**22.2**	**30.4**	**24**	**29**
7	**29.2**	**20.2**	**22.2**	**29.0**	**20.0**	**22.8**	**4.2**	**22**	**33**	**24**	**32**	**25.2**	**29.8**
8	**29.8**	**20.8**	**23.2**	**30.0**	**21.8**	**23.4**	**4.2**	23.2	33.2	25.2	32	26	30.6
9	30.0	21.0	23.6	28.4	22.0	22.2	4.2	24	32.8	26	32	27.2	31
10	29.2	20.8	23.0	28.4	22.0	23.0	4.0	23.2	31	26	30	28.2	29.2
11	30.2	19.6	22.4	28.8	20.0	23.2	4.5	22	32	24.2	30.2	26.2	30
12	30.4	20.0	21.2	28.8	20.0	22.0	4.5	23	35	25	33.2	26	30.8
13	29.2	20.2	21.4	29.6	19.2	21.4	4.1	24	37.4	26.2	36.8	28	34
14	30.0	20.0	22.0	29.0	19.4	21.4	4.4	23.2	37.4	26	36	28.2	34.2
15	29.8	20.8	23.2	30.0	21.0	23.8	4.2	24.2	37.8	27.2	36	29	34.8
16	30.8	21.0	23.2	27.2	21.8	23.2	4.4	24	31.8	26.2	31	28	30
17	30.0	19.8	22.0	28.4	20.2	23.6	4.4	22	34	23	31	25.2	31.8
18	29.8	20.0	22.0	24.8	21.0	22.6	4.3	24	33.6	25	32.2	26.6	31
19	26.4	19.0	22.6	27.0	21.4	22.0	3.5	23	32	24.2	30	31	26
20	28.2	20.0	22.0	27.2	20.0	22.0	3.8	23	31.2	25.2	30	27.2	29
21	28.0	19.8	23.0	27.0	20.6	22.0	3.8	22	31	24.2	29.8	26	29.2
22	28.6	19.6	23.0	26.6	21.0	23.2	4.0	24	30.6	25.2	28.8	26.6	27
23	27.0	19.2	22.0	26.0	20.2	23.0	3.6	21	28.6	23	27	24.2	26
24	26.8	19.0	21.0	26.2	20.0	23.2	3.6	20	30.2	22	29	24	27
25	27.0	19.0	22.8	26.0	21.8	22.8	3.6	21	31.2	23	29	26	28.2
26	26.2	18.8	22.2	26.0	20.4	22.0	3.4	23	30.2	24	28	26.2	27
27	27.8	19.0	22.0	27.2	21.0	18.8	3.8	22	31	24.2	27.8	27	26.4
28	30.8	15.4	19.2	27.8	16.2	20.0	4.9	20	30.2	21.2	29	24.8	27
29	30.2	15.2	20.0	29.0	18.0	22.4	4.8	21	35.2	22	34	24	32.6
30	30.0	15.0	19.0	29.6	17.0	22.2	4.8	21.2	36.2	23	35	24	33.4
31	29.8	16.0	20.0	27.4	18.2	22.2	4.6	22.4	35	24	33	26	31.2
Mean	**29.1**	**19.3**	**22.0**	**28.1**	**20.2**	**22.4**	**4.2**	**22.5**	**32.7**	**24.4**	**31.2**	**26.4**	**29.8**
Weekly mean													
Std. Week No: 40 (October 1- October 7) No. of Days: 7													
Mean	29.6	20.1	22.1	29.0	20.4	22.7	4.3	22.5	32.3	24.7	30.8	26.1	29.7
Std. Week No: 41 (October 8-October 14) No. of Days: 7													
Mean	29.8	20.3	22.4	29.0	20.6	22.4	4.3	23.2	34.1	25.5	32.9	27.1	31.4
Std. Week No: 42 (October 15 - October 21) No. of Days: 7													
Mean	29.0	20.1	22.6	27.4	20.9	22.7	4.0	23.2	33.1	25.1	31.4	27.6	30.3
Std. Week No:43 (October 22 - October 28) No. of Days: 7													
Mean	27.7	18.6	21.7	26.5	20.1	21.9	3.8	21.6	30.3	22.9	28.4	25.5	26.9

Time of Observation: **Month: October**

I---> 0700 Hours LMT = 0720 IST **Year: 2026**

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 LMT	1400 LMT	0700 LMT	1400 LMT		0700 LMT	1400 LMT		0700 LMT	1400 LMT		
1	17.3	13.8	**92**	**57**	**2.4**	**230**	**180**	**3.2**	**2**	**2**	**52.2**	**4.0**
2	1.0	17.7	**85**	**59**	**3.5**	**140**	**180**	**4.8**	**2**	**2**	**0.0**	**4.4**
3	16.8	16.6	**85**	**59**	**3.2**	**180**	**140**	**8.6**	**4**	**2**	**0.0**	**4.2**
4	17.0	18.8	**82**	**61**	**2.2**	**140**	**320**	**8.8**	**2**	**2**	**0.0**	**5.2**
5	17.1	18.4	**83**	**60**	**2.0**	**230**	**180**	**9.1**	**6**	**2**	**0.0**	**4.2**
6	16.9	18.0	**89**	**62**	**2.3**	**140**	**90**	**3.6**	**2**	**2**	**65.0**	**2.8**
7	16.3	17.4	**81**	**59**	**1.2**	**90**	**140**	**4.0**	**2**	**2**	**0.0**	**2.4**
8	18.8	17.9	**88**	**58**	**3.1**	**90**	**140**	**7.8**	**2**	**0**	**0.0**	**3.8**
9	18.9	16.6	87	56	3.6	90	140	9.2	2	2	0.0	4.6
10	19.3	18.1	91	63	2.4	90	140	4.6	2	2	0.0	4.2
11	16.2	18.2	79	62	2.2	90	140	6.8	2	2	0.0	4.6
12	16.9	16.1	89	55	5.5	90	140	8.5	2	2	0.0	4.8
13	15.5	14.6	81	48	6.0	90	45	8.6	2	2	0.0	4.0
14	15.5	14.9	78	51	4.6	90	45	9.0	2	2	0.0	5.2
15	17.4	18.7	82	60	4.3	45	45	7.4	2	2	0.0	5.4
16	18.8	19.1	88	71	3.4	90	140	6.8	6	4	8.0	5.2
17	16.8	19.2	84	66	3.7	270	140	2.4	4	6	5.0	3.2
18	18.1	19.3	91	82	2.6	230	320	4.5	4	4	11.0	4.0
19	18.4	17.1	90	65	1.0	45	270	0.8	4	2	0.0	3.8
20	16.4	16.9	82	64	3.3	270	270	9.2	4	4	0.0	3.6
21	16.9	17.1	79	64	7.5	270	270	8.4	4	2	0.0	4.4
22	17.5	19.4	83	75	7.7	140	45	5.8	2	2	0.0	4.6
23	16.8	19.4	84	78	3.8	90	45	0.3	4	4	11.4	2.8
24	17.0	19.7	90	77	3.4	90	90	1.6	4	0	1.0	2.2
25	19.0	19.0	91	76	58.0	90	45	1.2	4	0	18.4	4.4
26	17.0	17.6	85	72	4.9	90	45	1.8	2	0	0.0	4.8
27	18.1	11.6	91	43	3.2	45	320	8.0	0	0	0.0	4.0
28	12.2	13.2	73	48	4.0	320	320	10.2	0	0	0.0	4.4
29	14.4	16.7	83	57	3.8	320	320	8.8	0	0	0.0	5.2
30	13.4	16.0	82	53	2.5	320	140	10.2	0	0	0.0	5.0
31	14.7	17.2	84	64	1.4	230	230	9.6	0	0	0.0	5.4
Mean	**16.3**	**17.2**	**85**	**62**	**5.2**	**..**	**..**	**6.2**	**3**	**2**	**172.0**	**4.2**
Weekly mean												
Std. Week No: 40 (October 1- October 7) No. of Days: 7												
Mean	14.6	17.2	85	60	2.4	…	…	6.0	3	2	117.2	3.9
Std. Week No: 41 (October 8-October 14) No. of Days: 7												
Mean	17.3	16.6	85	56	4.1	…	…	7.8	2	2	0.0	4.5
Std. Week No: 42 (October 15 - October 21) No. of Days: 7												
Mean	17.5	18.2	85	67	4.2	…	…	5.6	4	3	24.0	3.6
Std. Week No:43 (October 22 - October 28) No. of Days: 7												
Mean	16.8	17.1	85	67	11.6	…	…	4.1	2	1	30.8	4.6