

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 : 2017

Date	Air Temperature °C						PET (mm)	Soil Temperature °C					
	Max .	Min.	Dry	Dry	Wet	Wet		5 Cm	5 Cm	10C m	10C m	15C m	15C m
	070 0	140 0	070 0	140 0	070 0	1400	0830	0700	1400	0700	1400	0700	1400
	LMT	LMT	LMT	LMT	LMT	LMT	IST	LMT	LMT	LMT	LMT	LMT	LMT
1	24.0	19.0	19.8	23.4	19.6	20.6	2.4	21.4	28.6	22.6	27.4	23.2	27.2
2	23.6	18.2	20.4	25.8	19.4	20.8	2.2	21.0	29.8	22.0	28.0	23.4	27.0
3	27.0	18.0	21.4	26.6	18.8	21.0	3.4	21.2	30.8	22.6	28.6	23.8	27.0
4	26.8	19.0	22.0	24.8	20.4	21.0	3.0	21.6	30.0	22.4	28.0	23.8	27.6
5	25.0	18.2	21.4	24.6	20.8	20.6	2.2	21.6	29.8	22.4	28.0	23.6	27.2
6	24.6	19.0	19.8	25.0	19.4	20.8	2.4	21.0	28.6	21.8	28.0	22.4	27.0
7	25.2	19.2	20.8	25.8	19.8	20.0	3.3	20.8	29.0	21.4	28.2	22.0	27.6
8	26.0	17.8	20.2	26.2	19.8	20.8	2.6	19.8	30.0	20.0	28.8	20.8	28.0
9	26.4	16.2	20.4	26.4	19.8	20.6	2.9	21.0	30.2	22.4	30.0	23.6	28.6
10	26.6	15.4	20.8	26.2	19.8	20.8	3.1	21.4	30.2	22.6	29.6	23.4	28.4
11	26.4	17.4	20.2	24.0	19.4	21.0	3.1	21.2	30.6	22.0	29.8	23.6	28.8
12	24.2	12.8	15.8	26.0	14.2	20.8	2.1	20.0	31.6	22.4	30.0	22.8	29.0
13	26.2	14.0	20.4	27.2	19.2	21.0	2.4	20.0	30.8	21.6	29.0	22.4	28.2
14	28.0	16.6	21.6	26.8	19.8	21.0	3.2	21.2	29.0	22.6	27.8	23.0	27.0
15	27.2	19.8	22.0	27.2	20.6	21.6	2.9	21.0	32.0	22.0	31.0	23.8	28.8
16	28.4	18.0	21.8	27.0	20.2	21.4	3.2	21.8	31.8	22.8	30.0	24.0	28.8
17	28.6	17.8	21.4	27.0	20.0	21.0	3.2	21.8	30.8	22.4	29.0	23.6	27.8
18	27.6	19.4	22.6	27.8	21.0	21.4	2.6	21.2	31.0	22.4	30.0	23.8	28.6
19	28.0	19.4	20.8	27.0	20.0	21.6	3.6	20.0	30.8	21.6	29.6	22.4	29.0
20	27.8	19.2	21.8	27.2	20.4	21.0	3.5	20.8	31.8	21.8	30.0	22.8	29.2
21	28.4	19.4	21.8	28.0	20.4	20.8	3.7	21.6	32.0	22.8	30.8	23.8	19.0
22	28.6	18.0	20.4	27.0	19.6	21.0	3.7	21.6	32.0	22.4	30.0	23.6	28.8
23	28.2	15.8	20.4	27.8	19.0	21.2	3.4	22.0	32.8	22.8	31.8	23.4	30.0
24	28.8	16.6	21.8	27.6	20.0	20.8	3.5	21.8	31.6	22.6	30.0	23.4	28.8
25	28.6	19.0	20.4	26.8	19.8	20.0	3.4	20.6	31.6	21.4	30.4	22.8	29.8
26	28.0	17.4	20.8	27.0	20.0	20.8	3.0	20.8	31.4	21.4	30.0	22.6	28.8
27	27.8	15.8	20.2	25.9	19.0	20.6	2.9	20.8	30.0	21.6	28.0	22.8	27.6
28	25.8	16.6	19.8	26.8	19.4	20.8	3.2	21.0	32.0	22.4	31.0	22.6	29.2
29	28.0	16.4	19.4	26.6	17.8	21.0	3.4	20.8	31.6	21.6	30.0	23.0	28.8
30	26.8	16.6	20.0	24.0	19.0	19.6	3.6	20.8	28.0	22.0	27.2	27.2	26.8
Mea n	26.9	17.5	20.7	26.3	19.5	20.8	3.0	21.1	30.7	22.1	29.3	23.2	27.9
Weekly Mean													
Std.Week No:45 (Nov. 5 - Nov. 11) No. of Days : 7													
Mea n	25.7	17.6	20.5	25.5	19.8	20.7	2.8	21.0	29.8	21.8	28.9	22.8	27.9
Std.Week No:46 (Nov.12 - Nov.18) No. of Days: 7													
Mea n	27.2	16.9	20.8	27.0	19.3	21.2	2.8	21.0	31.0	22.3	29.5	23.3	28.3
Std.Week No:47 (Nov. 19 - Nov. 25) No. of Days: 7													
Mea n	28.3	18.2	21.1	27.3	19.9	20.9	3.5	21.2	31.8	22.2	30.4	23.2	27.8
Std.Week No:48 (Nov. 26 - Dec.2) No. of Days: 7													
Mea n	27.3	16.6	20.0	26.1	19.0	20.6	3.2	20.8	30.6	21.8	29.2	23.6	28.2

PART II

Time of
Observation :I---> 0700 Hours LMT =
0720 IST
II---> 1400 Hours LMT =
1420 ISTMonth :
November
Year :
2017

Date	Humidity				Mean Wind			Bright	Cloud		Rainfall	Pan
	Vap. Pr.		Rel. Hum.		Speed	Direction		SSH	Amount		(mm)	Evap.
	(mm) Hg.		%		(Km/day)				(Octas)			
	0700	1400	0700	1400	0700	0700	1400	0700	0700	1400	0830	0830
LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	IST	IST
1	17.0	18.8	98	77	7.5	50	50	2.4	6	3	0.0	3.2
2	16.3	19.2	91	63	7.9	90	90	0.0	0	2	0.0	3.4
3	14.8	19.9	78	60	7.9	90	50	7.5	0	0	0.0	4.8
4	17.1	19.0	86	70	8.8	50	50	4.5	2	2	0.0	4.6
5	18.1	18.1	95	69	6.6	50	90	0.0	3	3	1.2	3.0
6	16.7	19.2	96	68	6.2	90	90	0.5	6	3	3.0	2.2
7	16.8	17.6	91	58	13.6	90	90	3.8	3	2	5.8	2.8
8	17.1	19.0	96	61	7.1	90	90	2.2	2	2	1.4	3.4
9	17.0	18.6	95	58	5.0	90	50	7.7	2	2	0.0	3.8
10	16.8	19.0	91	61	5.3	50	90	9.6	0	2	0.0	4.6
11	16.5	19.5	93	76	7.1	90	50	8.1	0	2	0.0	4.4
12	11.3	22.1	84	62	4.7	50	50	0.4	3	2	0.0	4.2
13	16.0	19.6	89	56	5.5	50	90	4.1	2	0	0.0	4.0
14	16.3	19.3	84	58	5.2	90	50	8.3	0	2	0.0	4.4
15	17.4	19.9	88	60	4.4	50	50	4.0	3	0	0.0	4.0
16	16.9	19.8	86	60	3.5	230	230	7.2	0	2	0.0	4.2
17	16.8	19.2	88	57	3.0	230	135	7.6	4	2	0.0	4.4
18	17.8	19.3	86	56	4.2	135	230	0.8	2	2	0.0	3.0
19	17.1	20.2	93	61	5.4	50	320	8.8	2	2	0.0	3.8
20	17.2	19.0	88	56	5.2	320	90	8.4	2	2	0.0	4.2
21	17.2	18.6	88	51	5.6	90	90	8.4	2	0	0.0	4.6
22	16.7	19.4	93	57	6.5	90	50	9.5	0	0	0.0	4.0
23	15.7	20.1	87	54	6.1	90	140	8.7	0	0	0.0	4.8
24	16.5	18.9	84	53	4.0	140	90	9.0	0	2	0.0	4.2
25	17.0	17.6	95	52	5.0	90	90	4.9	3	2	0.0	4.4
26	17.1	18.9	93	56	7.6	90	90	2.2	3	2	0.0	4.2
27	15.8	19.1	89	61	8.0	90	50	3.0	3	2	0.0	4.0
28	16.7	19.2	96	57	6.2	50	90	7.6	0	2	0.0	4.0
29	14.4	20.4	85	60	6.5	90	50	6.3	0	4	0.0	4.2
30	15.9	17.4	91	66	11.2	50	50	7.7	6	4	0.0	4.2
Mean	16.5	19.2	90	60	6.4	..	..	5.4	2	2	11.4	4.0
Weekly Mean												
Std.Week No:45 (Nov. 5 - Nov. 11) No. of Days : 7												
Mean	17.0	18.7	94	64	7.3	..	..	4.6	2	2	11.4	3.5
Std.Week No:46 (Nov.12 - Nov.18) No. of Days: 7												
Mean	16.1	19.9	86	58	4.4	..	..	4.6	2	1	0.0	4.0
Std.Week No:47 (Nov .19 - Nov. 25) No. of Days: 7												
Mean	16.8	19.1	90	55	5.4	..	..	8.2	1	1	0.0	4.3
Std.Week No:48 (Nov. 26 - Dec.2) No. of Days: 7												
Mean	16.0	19.0	91	60	7.9	..	..	5.4	2	3	0.0	4.1

Note : Rainfall is in total