

**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 : 2017**

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		0830	0700	1400	0700	1400	0700
	LMT	LMT	LMT	LMT	LMT	LMT	IST	LMT	LMT	LMT	LMT	LMT	LMT
1	28.8	19.8	21.6	29.6	20.2	21.8	4.8	24	35.6	25.6	34	25.8	33
2	30.2	20.6	22.8	28.8	21.6	21.8	6.0	24.8	35.8	25.6	34	27	33
3	30	21.4	23.4	30	21.4	21.4	6.1	25.6	36	26.6	35.6	27.8	33
4	31.8	20.6	22.8	30.8	21.2	21.6	6.8	25.8	36.4	26	35.8	27.8	33.8
5	31	20.8	22.8	30.2	21.2	21.4	6.3	25.8	35.8	26.8	33.6	27.8	33
6	30.8	20.8	21.8	29.6	20.4	21	5.8	23.8	31	24.4	29.6	25	28
7	30.6	21.2	22.2	26.8	20.8	20.8	5.6	23	30	24	29.6	24.8	28.8
8	27.4	19.8	21.8	26.6	20.6	21	3.1	22.8	30.2	23.6	28.6	24.6	27
9	27.4	20.4	22.6	26.6	20.6	20.8	3.9	22	29.6	22.8	28	23	27.2
10	27.2	20.4	21	26	20.4	20.8	4.6	21.8	30.6	22.2	29.4	23.8	27.6
11	27.4	20	20.6	27	19.8	20.4	4.1	22.8	30	23.6	28.8	25	27.4
12	27.8	19.8	20	24.8	19.8	20.6	4.5	21.8	29	22	28	23.6	26.8
13	25	20	21.6	27.8	20.4	21	2.9	20.8	31.6	21.6	30.8	23	29
14	28.4	20.4	23.4	28.6	21.6	21.8	3.8	23	31.8	24	30.6	25.8	29
15	30.4	20.8	22.8	27.8	21.2	21.2	3.6	22.4	28.8	23.8	27	25.6	26
16	28.8	20.4	21.6	27	20.8	21.2	4.2	23	27	24	26	25.6	25.6
17	28.4	20	22	26.2	20.6	20.2	3.4	22	27.4	23	26.8	23.8	26.2
18	26.6	19	20.8	27.8	20	20.8	3.1	21.8	27	22.8	26.2	23.6	26
19	28.6	19	20.4	26.8	20	21	4.7	21.6	27.2	22	26.4	24	26
20	27.4	19.8	21.8	27	20.8	20.8	3.2	21.6	26.4	22	25.8	22.8	25
21	27.8	19.6	21.8	27	21	21	4.3	21.8	28.4	22	27	22.6	26.2
22	27.6	19.8	22.4	27.4	20.8	21.6	4.1	22.8	30	24	27.6	24.8	27
23	28.8	19.6	23	28	21.4	21	4.9	23	28	24.4	26.8	25	26
24	29.8	20	22.6	27.2	20.8	21.2	5.9	21.8	28.2	22.6	27.4	23.8	26.8
25	28.6	19.8	20.8	26.6	19.8	20.4	5.2	23	28.8	24	27	25.6	26.6
26	27.4	20.2	22.4	27	20.2	20.8	4.3	22	28.6	23	27.6	24	26
27	27.2	19.4	21.8	27.8	20.6	20.4	4.7	21.8	28.6	22.8	27.4	24	27
28	29	19.8	20.2	27.6	19.8	20.8	5.3	21.6	30	22.4	28.8	23.8	27.2
29	28.8	20.2	22.8	27	20.8	20.8	4.7	23.2	30.2	24.6	30	25.4	28.6
30	28.8	20.4	23	27.2	20.6	20.8	5.0	22.4	29.8	23.8	28	25	27
<b>Mean</b>	<b>28.6</b>	<b>20.1</b>	<b>22.0</b>	<b>27.6</b>	<b>20.6</b>	<b>21.0</b>	<b>4.6</b>	<b>22.8</b>	<b>30.3</b>	<b>23.7</b>	<b>29.1</b>	<b>24.8</b>	<b>28.0</b>
<b>Weekly mean</b>													
<b>Std.Week No:23 (June 4 - June 10) No. of Days: 7</b>													
<b>Mean</b>	<b>29.5</b>	<b>20.6</b>	<b>22.1</b>	<b>28.1</b>	<b>20.7</b>	<b>21.1</b>	<b>5.1</b>	<b>23.6</b>	<b>31.9</b>	<b>24.3</b>	<b>30.7</b>	<b>25.3</b>	<b>29.3</b>
<b>Std.Week No:24 (June 11 - June 17) No. of Days: 7</b>													
<b>Mean</b>	<b>28.1</b>	<b>20.2</b>	<b>21.7</b>	<b>27.0</b>	<b>20.6</b>	<b>20.9</b>	<b>3.8</b>	<b>22.3</b>	<b>29.4</b>	<b>23.1</b>	<b>28.3</b>	<b>24.6</b>	<b>27.1</b>
<b>Std.Week No: 25 ( June 18 - June 24) No. of Days: 7</b>													
<b>Mean</b>	<b>28.1</b>	<b>19.5</b>	<b>21.8</b>	<b>27.3</b>	<b>20.7</b>	<b>21.1</b>	<b>4.3</b>	<b>22.1</b>	<b>27.9</b>	<b>22.8</b>	<b>26.7</b>	<b>23.8</b>	<b>26.1</b>
<b>Std.Week No:26 ( June 25 - July 01) No. of Days: 7</b>													
<b>Mean</b>	<b>28.3</b>	<b>20.0</b>	<b>21.8</b>	<b>27.2</b>	<b>20.3</b>	<b>20.7</b>	<b>4.9</b>	<b>22.3</b>	<b>29.3</b>	<b>23.4</b>	<b>28.1</b>	<b>24.6</b>	<b>27.1</b>

**PART II**

Time of Observation:

I---> 0700 Hours LMT = 0720 IST

II---> 1400 Hours LMT = 1420 IST

Month : June

Year : 2017

Date	Humidity				Mean Wind			Bright	Cloud	Rainfall (mm)	Pan	
	Vap. Pr.	Rel. Hum.	Speed (Km/day)	Direction	SSH	Amount	Evap. (mm)					
	(mm) Hg.	%										
	0700	1400	0700	1400	0700	0700	1400	0700	0700	1400	0830	0830
	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	LMT	IST	IST
1	16.2	16.1	88	49	9.2	230	230	6.4	3	2	0	5.6
2	18.0	15.8	90	53	8.2	230	230	11.4	2	2	0	5.8
3	16.9	14.3	83	45	10.7	230	230	9.8	2	2	0	5.8
4	17.1	14.5	86	43	12	230	230	11.6	2	2	0	6
5	17.1	14.3	86	44	9.4	230	270	10.8	2	3	0	6.2
6	16.4	14.2	88	45	8.7	270	270	8.8	6	3	15.8	4.8
7	16.9	15.1	88	57	10.3	270	270	7.7	4	2	0	5.6
8	16.9	15.8	90	60	9.1	270	270	0.4	3	4	2.2	4.6
9	16.0	15.3	83	58	10	270	270	2.8	3	3	0	4
10	17.3	15.8	95	62	11.6	270	230	5.6	6	3	3.6	3.6
11	16.4	14.7	93	54	12.3	230	270	2.5	3	3	0	4
12	17.1	16.3	98	68	15.5	270	270	4.3	6	4	1.2	3.4
13	16.6	15.2	89	53	10.7	230	270	0	6	2	0	3.5
14	17.4	15.9	85	54	10.4	230	230	2	3	3	0	5
15	17.1	15.2	86	54	9.9	270	230	3.5	3	3	0	5.6
16	17.5	15.9	93	59	10.3	230	230	3.8	6	3	0	4.6
17	16.6	14.2	88	57	7	230	230	1.1	4	3	6.8	4
18	16.7	15.0	93	52	7.2	230	230	1	2	3	0	4.4
19	17.1	16.0	96	58	8.1	230	230	6.7	6	3	2.2	3.8
20	17.3	15.0	91	56	6.7	270	230	1	2	3	27.2	4.2
21	17.8	15.3	93	57	9.4	270	230	5.2	2	3	0.6	4.4
22	16.7	16.6	86	59	10.3	270	230	3.9	3	3	0	4.2
23	17.3	14.6	87	52	9.6	270	230	6.8	2	3	0	5.6
24	16.4	15.8	85	58	11.7	230	230	9	3	2	2.6	4
25	16.2	14.9	91	56	11.6	230	230	6.4	2	2	3.2	4
26	15.3	15.3	81	56	13.7	230	230	2.8	2	2	0	4.4
27	16.9	13.8	90	50	13.6	230	230	5	2	3	0	4.8
28	16.9	15.2	96	53	13.8	270	230	5.7	6	3	0	5.2
29	16.2	15.0	83	56	14.5	230	230	6.7	3	3	0	4.4
30	15.5	15.0	80	55	12.6	270	230	4.1	2	3	0	5.2
<b>Mean</b>	<b>16.8</b>	<b>15.2</b>	<b>89</b>	<b>54</b>	<b>10.6</b>	<b>..</b>	<b>..</b>	<b>5.2</b>	<b>3</b>	<b>3</b>	<b>65.4</b>	<b>4.7</b>
<b>Weekly mean</b>												
<b>Std.Week No:23 (June 4 - June 10) No. of Days: 7</b>												
<b>Mean</b>	16.8	15.0	88	53	10.2	..	..	6.8	4	3	21.6	5.0
<b>Std.Week No:24 (June 11 - June 17) No. of Days: 7</b>												
<b>Mean</b>	17.0	15.3	90	57	10.9	..	..	2.3	4	3	8.0	4.3
<b>Std.Week No: 25 (June 18 - June 24) No. of Days: 7</b>												
<b>Mean</b>	17.0	15.5	90	56	9.0	..	..	4.8	3	3	32.6	4.4
<b>Std.Week No:26 (June 25 - July 01) No. of Days: 7</b>												
<b>Mean</b>	16.2	14.9	87	54	13.3	..	..	5.1	3	3	3.2	4.7

Note: Rainfall is in sum (total)