

**Weather data from Plant Physiology Division Station: BRRI, Gazipur**  
**month: July to December, Year:2016**

Maximum Temperature							
Day	July	August	September	October	November	December	
1	32.4	34.2	34	35	33.8	29.6	
2	32.2	33.4	32.2	34.6	33.9	29.4	
3	31	33.6	33.7	34.2	34.5	30	
4	30.5	35.2	32	36.6	26	30.5	
5	29.8	35	34.3	32.4	25	30.2	
6	31.4	35.3	32.5	32.6	25.2	29.5	
7	32.4	32	32.4	31.8	27.8	30.5	
8	34.6	32.4	32.6	33	30	30.2	
9	33.2	33	33.4	30.8	31.5	28	
10	32.6	31	35.5	31.7	31.6	28.4	
11	33.6	34	32	29.4	31.2	28.8	
12	30.7	32.2	32	30.6	31	27.4	
13	31.5	33.5	33	33	31.7	26.8	
14	33.4	33.4	32.4	33.2	31.4	25.8	
15	32.8	32.6	31.2	34.4	30.8	26.2	
16	30.2	36.6	33.2	35	32	27.4	
17	33	34.7	33.8	36.2	32.4	27	
18	30.7	31.5	34.2	35.5	30.8	27.6	
19	30.5	31.6	34	35.8	30.6	27	
20	31.4	33.7	27.8	35.4	30.2	27.4	
21	32	33.8	30.4	34.2	29.4	26.7	
22	31.8	31	33	33.2	29	27.6	
23	29.7	32.5	34	33.6	29.6	28.6	
24	31.8	33.4	33.5	33.5	28.6	28.4	
25	31.2	34.8	32.4	34	28.9	28.6	
26	29.6	35.4	31.6	33.5	29.2	27.6	
27	32.6	32.8	32.4	29.2	29.1	27.5	
28	32.4	37	33.4	29.8	29.5	26.2	
29	33.2	32.4	31.5	31	29.4	27.7	
30	33.6	34.4	33.5	32.6	29.5	26.2	
31	33.8	34.5		33.4		27.4	

Minimum Temperature							
Day	July	August	September	October	November	December	
1	28	25.8	27.2	24	25.4	17.2	
2	24.6	26.4	27.4	25.5	25.2	17.8	
3	25.2	25.8	25.6	27	25.4	17.2	
4	25.6	28	26.6	27.8	25	17.4	
5	25.4	27.2	26.2	26	23.4	18.4	
6	24.6	27.4	26.8	25.8	19.4	17.2	
7	24.2	26.4	25.8	25.2	22.4	15.2	
8	25.8	26.7	27	25.4	20.2	14.8	
9	27.2	27	25.6	26.2	20.6	15.6	
10	27	25.2	27.2	25.8	20.4	14.8	
11	27.2	25.6	27	24.4	20.2	15	
12	26.4	26.8	26.8	23.2	19.2	15.2	
13	26.2	27.8	24.6	24.4	19.8	15	
14	26.8	28.4	24.2	24.8	20.6	14.8	
15	27.8	28.2	26	24.6	19.4	14.6	
16	25.2	27.8	27	25.2	19.2	14.8	
17	25.4	25.2	25.8	25.4	18.6	14.6	
18	25	27.4	25.6	26.8	18.2	15.8	
19	26	26.4	25.2	26.4	17.8	15.6	
20	26.6	27.6	24.8	25.2	17.4	16.6	
21	28	28.4	24.6	24.6	16.4	15.2	
22	24.8	23.6	25.4	23.8	16.2	16.2	
23	25.2	26	26.4	23	16.2	17.2	
24	25	28	26.6	22.8	16.4	16.8	
25	25.8	27.6	25.2	23.4	17	17.6	
26	24.4	28.4	25.6	23.7	17.2	17.8	
27	25.2	26.8	24.8	23.4	17.4	16.4	
28	27.4	24.6	27.2	23.6	17.7	15.8	
29	25.6	24.8	26.8	24.6	17.8	15	
30	24.8	28.2	26.7	24.8	17.4	15.2	
31	24.6	27.8		25.4		13.8	

Rainfall (mm)							
Day	July	August	September	October	November	December	
1	0	7.6	4.4	0	0	0	
2	31.6	6.2	121.8	0	0	0	
3	16	0	0	0	0	0	
4	18	0	7.6	1	2.4	0	
5	66.4	0	12.4	0.2	8.2	0	
6	0.6	5.2	2.4	19.6	0.6	0	
7	1.8	3.2	0.2	0	0	0	
8	0	0	15.6	7.2	0	0	
9	0	7.6	0	26.2	0	0	
10	2	13.8	5	3	0	0	
11	7.4	7.8	1.6	4.4	0	0	
12	18.6	0	0	1.6	0	0	
13	8.2	0.6	17.6	0	0	0	
14	0	0	0	0	0	0	
15	31.6	2.8	0	0	0	0	
16	5.4	8.6	33.8	0	0	0	
17	37.8	0.2	2.6	0	0	0	
18	15.4	8	31.8	0	0	0	
19	0	0	31.2	0	0	0	
20	0	1.8	3	0	0	0	
21	0	9.6	6.4	0	0	0	
22	38.8	0	0	0	0	0	
23	0.4	0	0	0	0	0	
24	0	0	16.6	0	0	0	
25	17.4	32	18.4	0	0	0	
26	1.2	0	30.2	10.8	0	0	
27	0	6.8	0	27.2	0	0	
28	0	1.2	0	2.6	0	0	
29	24	0.4	0	0	0	0	
30	24.4	0.8	0	0	0	0	
31	3.6	5.2		0		0	

Evaporation (mm)							
Day	July	August	September	October	November	December	
1	5	5.6	3.4	2	3	2	
2	1.6	5.2	0	2	4	2	
3	1	7	3	2	2	3	
4	3	7	4.6	6	1.4	3	
5	0	6	4.4	2.2	0.2	2	
6	0	4.2	3.4	3.6	1.6	2	
7	0	2.2	3.2	2	1	3	
8	2	6	4.6	2.2	2	2	
9	5	2.6	4	0	3	2	
10	5	0	2	0	3	2	
11	1.4	3	2.6	0	2	2	
12	0	4	4	0	1	2	
13	0	3.6	0	3	3	2	
14	3	2	3	4	3	2	
15	3.6	4.8	5	4	4	1	
16	1.4	4.6	0	5	4	1	
17	0	5.2	0	4	3	2	
18	0	4	0	5	2	2	
19	2	4	0	3	4	1	
20	2	0.8	0	5	0	2	
21	3	2.6	0	4	2	2	
22	0.8	5	3	3	2	1	
23	3.4	4	4	4	2	2	
24	4	5	3.6	4	2	1	
25	1.4	4	5.4	4	2	1	
26	3.2	2	3.2	0.8	2	1	
27	5	3.8	3	3.2	3	2	
28	3	3.2	2	3.6	1	2	
29	4	3.4	4	4	1	1	
30	4	2.8	2	3	2	2	
31	5.6	4.2		3		1	

R. H.(%) at 9 am							
Day	July	August	September	October	November	December	
1	77	83	76	91	72	82	
2	84	76	80	87	69	73	
3	100	76	96	77	66	78	
4	91	69	83	77	86	77	
5	100	76	83	91	90	90	
6	100	83	91	91	85	90	
7	83	76	87	100	82	81	
8	84	76	84	76	74	72	
9	76	76	77	83	74	69	
10	76	91	83	80	61	100	
11	83	83	80	95	67	85	
12	83	83	77	100	74	75	
13	83	84	84	83	63	70	
14	84	96	83	87	63	79	
15	92	92	84	63	62	79	
16	100	83	81	69	66	79	
17	83	73	77	69	59	84	
18	83	80	77	77	59	84	
19	100	84	100	73	62	89	
20	91	84	100	62	66	75	
21	84	92	84	59	73	79	
22	91	72	91	56	73	80	
23	82	76	76	64	73	79	
24	83	70	76	71	73	89	
25	91	77	80	72	74	90	
26	83	77	83	62	73	90	
27	76	83	83	100	78	90	
28	83	95	87	83	74	94	
29	84	76	84	91	81	89	
30	83	80	77	76	78	95	
31	91	87		76		100	

R. H.(%) at 2pm							
Day	July	August	September	October	November	December	
1	64	69	76	62	63	54	
2	70	70	83	70	63	61	
3	100	67	84	65	63	54	
4	83	70	80	65	86	55	
5	100	64	70	75	95	57	
6	76	79	84	77	81	60	
7	77	77	77	88	82	49	
8	70	70	70	84	63	47	
9	70	76	64	83	57	46	
10	77	91	83	76	55	49	
11	64	100	70	91	61	53	
12	100	70	77	76	57	53	
13	92	77	91	73	55	55	
14	77	77	76	56	42	62	
15	92	67	67	63	47	62	
16	91	64	83	64	57	59	
17	69	72	70	71	50	62	
18	84	92	77	64	55	63	
19	83	70	91	59	55	66	
20	83	77	87	52	60	52	
21	76	83	84	52	51	50	
22	83	77	70	56	56	63	
23	100	70	77	45	54	60	
24	76	64	77	57	60	64	
25	76	65	100	59	60	66	
26	91	76	80	63	54	66	
27	69	64	69	63	54	55	
28	77	77	77	76	57	73	
29	69	70	70	69	67	56	
30	70	84	70	69	61	66	
31	70	80		63		53	

Sunshine (hrs/day)						
Day	July	August	September	October	November	December
1	3.6	9.2	3.6	4.8	8.4	6.4
2	0	7.8	0	1.2	9.6	7.2
3	0.6	11.2	5.4	7.6	4.6	7.3
4	0.8	8.6	4.8	7.3	0	7.2
5	0	9.6	4.2	3.6	0	7.4
6	2.4	4.2	5.3	3.4	0	8.4
7	4.4	8.4	6.8	2.3	3.2	8.5
8	7.6	7.6	6.4	1.3	5.4	8.4
9	6.6	4.2	4.5	2.2	7.6	5.2
10	7.2	1.2	1.4	3.2	7.8	8
11	7.3	6.1	1.6	0.8	6.2	8.4
12	1.8	8.8	1.4	3.4	7.4	6.8
13	4.6	2.7	0	2.3	7.6	5.4
14	6.8	3.8	2.4	9.6	8.6	3.8
15	4.8	9.6	7.2	6.6	8.2	3.6
16	0	5.4	4.6	10.2	9.4	4
17	3.6	4.6	6.8	9.2	8.6	4.2
18	0	3.7	3.4	8.3	8.2	3.8
19	1.2	5.8	0	10.2	9.2	4.8
20	0.4	1.2	1	10.1	8.6	5.3
21	2.8	3.1	3.4	9.2	8.5	5.4
22	1.4	8.7	6.7	8.2	8.2	3.8
23	0	6.2	7.4	10.2	8.2	4.2
24	3.8	7.4	3.4	9.6	7.4	5.4
25	2.3	9.2	2.6	8.3	6.6	3.4
26	4.8	0.8	3.4	4.2	6.4	2.4
27	4.6	7.2	4.8	1.8	8.1	6.2
28	3.6	4.2	0	4.6	7.6	6.4
29	2.8	4.8	7.2	4.3	5.7	5.5
30	5.4	4.3	6.3	6.2	8.7	2.8
31	9.4	2.2		5.3		5.2

Cloudy (hrs/day)						
Day	July	August	September	October	November	December
1	9.9	3.7	8.6	6.7	2.5	4.2
2	13.5	5.1	12.2	10.3	1.3	3.4
3	12.9	1.7	6.8	3.9	6.3	3.3
4	12.7	4.3	7.4	4.2	10.9	3.4
5	13.5	3.3	8	7.9	10.9	3.2
6	11.1	8.7	6.9	8.1	10.9	2.2
7	9.1	4.5	5.4	9.2	7.7	2.1
8	5.9	5.3	5.8	10.2	5.5	2.2
9	6.9	8.7	7.7	9.3	3.3	5.4
10	6.3	11.7	10.8	8.3	3.1	2.6
11	6.2	6.8	10.6	10.7	4.7	2.2
12	11.7	4.1	10.8	8.1	3.5	3.8
13	8.9	10.2	12.2	9.2	3.3	5.2
14	6.7	9.1	9.8	1.9	2.3	6.8
15	8.7	3.3	5	4.9	2.7	7
16	13.5	7.5	7.6	1.3	1.5	6.6
17	9.9	8.3	5.4	2.3	2.3	6.4
18	13.5	9.2	8.8	3.2	2.7	6.8
19	12.3	7.1	12.2	1.3	1.7	5.8
20	13.1	11.7	10.8	1.4	2.3	5.3
21	10.7	9.8	8.8	2.3	2.4	5.2
22	12.1	4.2	5.5	3.3	2.7	6.8
23	13.5	6.7	4.4	1.3	2.7	6.4
24	9.7	5.5	8.8	1.9	3.5	5.2
25	11.2	3.7	9.6	3.2	4.3	7.2
26	8.7	12.1	8.8	7.3	4.5	8.2
27	8.9	5.7	7.4	9.7	2.8	4.4
28	9.9	8.7	12.2	6.9	3.3	4.2
29	10.7	8.1	5	7.2	5.2	5.1
30	8.1	8.6	5.9	5.3	2.2	7.8
31	4.1	10.7		6.2		5.4

Solar radiation (Cal/cm2)						
Day	July	August	September	October	November	December
1	303.62	484.76	270.26	383.02	336.02	363.23
2	188.2	438.93	161	179.05	366.71	282.36
3	207.43	550.23	324.9	346.32	238.84	284.75
4	213.85	465.11	306.69	355.22	121.2	282.36
5	188.2	497.85	288.48	248.36	121.2	287.14
6	265.15	321.08	321.86	242.69	121.2	311.05
7	329.28	458.57	367.39	210.82	203.03	313.44
8	431.88	432.38	355.25	181.94	259.3	311.05
9	399.82	321.08	297.58	207.93	315.56	234.53
10	4.19.05	222.88	203.49	236.81	320.67	301.49
11	422.26	383.28	209.56	167.5	279.76	311.05
12	245.91	471.66	203.49	242.59	310.44	272.79
13	335.69	271.98	161	210.82	315.56	239.32
14	406.23	307.99	233.84	421.64	341.13	201.06
15	342.1	497.85	379.53	335	330.9	196.28
16	188.2	3660.36	300.62	438.97	361.59	205.84
17	303.62	334.18	367.39	410.09	341.13	210.62
18	188.2	304.71	264.19	384.1	330.9	201.06
19	266.67	373.46	161.1	438.97	356.48	224.97
20	201.02	322.88	203.49	436.08	341.13	236.93
21	277.97	285.7	264.19	410.09	338.58	239.32
22	233.08	468.39	364.36	381.21	330.9	201.06
23	188.2	386.55	385.6	438.97	330.9	210.62
24	310.04	425.83	264.19	421.64	310.44	239.32
25	261.94	484.76	239.91	384.1	389.99	191.49
26	342.1	209.78	264.19	265.69	284.87	167.58
27	335.69	419.29	306.69	496.38	328.35	258.45
28	303.62	468.39	161	277.24	315.56	263.23
29	277.97	340.72	379.53	268.58	266.97	241.71
30	361.34	324.35	352.22	323.45	343.69	177.15
31	489.59	355.61		297.46		234.53