

Weather data from Plant Physiology Division Station: BRRI, Gazipur, Year

Maximum temperature °C

Month	1	2	3	4	5	6
July	32.4	32.2	31	30.5	29.8	31.4
August	34.2	33.4	33.6	35.2	35	35.3
September	34	32.2	33.7	32	34.3	32.5
October	35	34.6	34.2	36.6	32.4	32.6
November	33.8	33.9	34.5	26	25	25.2
December	29.6	29.4	30	30.5	30.2	29.5

Minimum temperature °C

Month	1	2	3	4	5	6
July	28	24.6	25.2	25.6	25.4	24.6
August	25.8	26.4	25.8	28	27.2	27.4
September	27.2	27.4	25.6	26.6	26.2	26.8
October	24	25.5	27	27.8	26	25.8
November	25.4	25.2	25.4	25	23.4	19.4
December	17.2	17.8	17.2	17.4	18.4	17.2

Rainfall (mm)

Month	1	2	3	4	5	6
July	0	31.6	16	18	66.4	0.6
August	7.6	6.2	0	0	0	5.2
September	4.4	121.8	0	7.6	12.4	2.4
October	0	0	0	1	0.2	19.6
November	0	0	0	2.4	8.2	0.6
December	0	0	0	0	0	0

Evaporation (mm)

Month	1	2	3	4	5	6
July	5	1.6	1	3	0	0
August	5.6	5.2	7	7	6	4.2
September	3.4	0	3	4.6	4.4	3.4
October	2	2	2	6	2.2	3.6
November	3	4	2	1.4	0.2	1.6
December	2	2	3	3	2	2

R. H.(%) at 9 am

Month	1	2	3	4	5	6
July	77	84	100	91	100	100
August	83	76	76	69	76	83
September	76	80	96	83	83	91
October	91	87	77	77	91	91
November	72	69	66	86	90	85
December	82	73	78	77	90	90

R. H.(%) at 2pm

Month	1	2	3	4	5	6
July	64	70	100	83	100	76
August	69	70	67	70	64	79
September	76	83	84	80	70	84
October	62	70	65	65	75	77
November	63	63	63	86	95	81
December	54	61	54	55	57	60

Sunshine(hrs/day)

Month

	1	2	3	4	5	6
July	3.6	0	0.6	0.8	0	2.4
August	9.2	7.8	11.2	8.6	9.6	4.2
September	3.6	0	5.4	4.8	4.2	5.3
October	4.8	1.2	7.6	7.3	3.6	3.4
November	8.4	9.6	4.6	0	0	0
December	6.4	7.2	7.3	7.2	7.4	8.4

Cloudy(hrs/day)

Month	1	2	3	4	5	6
July	9.9	13.5	12.9	12.7	13.5	11.1
August	3.7	5.1	1.7	4.3	3.3	8.7
September	8.6	12.2	6.8	7.4	8	6.9
October	6.7	10.3	3.9	4.2	7.9	8.1
November	2.5	1.3	6.3	10.9	10.9	10.9
December	4.2	3.4	3.3	3.4	3.2	2.2

Solar radiation (Cal/cm²)

Month	1	2	3	4	5	6
July	303.62	188.2	207.43	213.85	188.2	265.15
August	484.76	438.93	550.23	465.11	497.85	321.08
September	270.26	161	324.9	306.69	288.48	321.86
October	383.02	179.05	346.32	355.22	248.36	242.69
November	336.02	366.71	238.84	121.2	121.2	121.2
December	363.23	282.36	284.75	282.36	287.14	311.05

	Day								
	7	8	9	10	11	12	13	14	15
	0	2	5	5	1.4	0	0	3	3.6
	2.2	6	2.6	0	3	4	3.6	2	4.8
	3.2	4.6	4	2	2.6	4	0	3	5
	2	2.2	0	0	0	0	3	4	4
	1	2	3	3	2	1	3	3	4
	3	2	2	2	2	2	2	2	1

	Day								
	7	8	9	10	11	12	13	14	15
	83	84	76	76	83	83	83	84	92
	76	76	76	91	83	83	84	96	92
	87	84	77	83	80	77	84	83	84
	100	76	83	80	95	100	83	87	63
	82	74	74	61	67	74	63	63	62
	81	72	69	100	85	75	70	79	79

	Day								
	7	8	9	10	11	12	13	14	15
	77	70	70	77	64	100	92	77	92
	77	70	76	91	100	70	77	77	67
	77	70	64	83	70	77	91	76	67
	88	84	83	76	91	76	73	56	63
	82	63	57	55	61	57	55	42	47
	49	47	46	49	53	53	55	62	62

Day

7	8	9	10	11	12	13	14	15
4.4	7.6	6.6	7.2	7.3	1.8	4.6	6.8	4.8
8.4	7.6	4.2	1.2	6.1	8.8	2.7	3.8	9.6
6.8	6.4	4.5	1.4	1.6	1.4	0	2.4	7.2
2.3	1.3	2.2	3.2	0.8	3.4	2.3	9.6	6.6
3.2	5.4	7.6	7.8	6.2	7.4	7.6	8.6	8.2
8.5	8.4	5.2	8	8.4	6.8	5.4	3.8	3.6

Day

7	8	9	10	11	12	13	14	15
9.1	5.9	6.9	6.3	6.2	11.7	8.9	6.7	8.7
4.5	5.3	8.7	11.7	6.8	4.1	10.2	9.1	3.3
5.4	5.8	7.7	10.8	10.6	10.8	12.2	9.8	5
9.2	10.2	9.3	8.3	10.7	8.1	9.2	1.9	4.9
7.7	5.5	3.3	3.1	4.7	3.5	3.3	2.3	2.7
2.1	2.2	5.4	2.6	2.2	3.8	5.2	6.8	7

Day

7	8	9	10	11	12	13	14	15
329.28	431.88	399.82	419.05	422.26	245.91	335.69	406.23	342.1
458.57	432.38	321.08	222.88	383.28	471.66	271.98	307.99	497.85
367.39	355.25	297.58	203.49	209.56	203.49	161	233.84	379.53
210.82	181.94	207.93	236.81	167.5	242.59	210.82	421.64	335
203.03	259.3	315.56	320.67	279.76	310.44	315.56	341.13	330.9
313.44	311.05	234.53	301.49	311.05	272.79	239.32	201.06	196.28

16	17	18	19	20	21	22	23	24
1.4	0	0	2	2	3	0.8	3.4	4
4.6	5.2	4	4	0.8	2.6	5	4	5
0	0	0	0	0	0	3	4	3.6
5	4	5	3	5	4	3	4	4
4	3	2	4	0	2	2	2	2
1	2	2	1	2	2	1	2	1

16	17	18	19	20	21	22	23	24
100	83	83	100	91	84	91	82	83
83	73	80	84	84	92	72	76	70
81	77	77	100	100	84	91	76	76
69	69	77	73	62	59	56	64	71
66	59	59	62	66	73	73	73	73
79	84	84	89	75	79	80	79	89

16	17	18	19	20	21	22	23	24
91	69	84	83	83	76	83	100	76
64	72	92	70	77	83	77	70	64
83	70	77	91	87	84	70	77	77
64	71	64	59	52	52	56	45	57
57	50	55	55	60	51	56	54	60
59	62	63	66	52	50	63	60	64

16	17	18	19	20	21	22	23	24
0	3.6	0	1.2	0.4	2.8	1.4	0	3.8
5.4	4.6	3.7	5.8	1.2	3.1	8.7	6.2	7.4
4.6	6.8	3.4	0	1	3.4	6.7	7.4	3.4
10.2	9.2	8.3	10.2	10.1	9.2	8.2	10.2	9.6
9.4	8.6	8.2	9.2	8.6	8.5	8.2	8.2	7.4
4	4.2	3.8	4.8	5.3	5.4	3.8	4.2	5.4

16	17	18	19	20	21	22	23	24
13.5	9.9	13.5	12.3	13.1	10.7	12.1	13.5	9.7
7.5	8.3	9.2	7.1	11.7	9.8	4.2	6.7	5.5
7.6	5.4	8.8	12.2	10.8	8.8	5.5	4.4	8.8
1.3	2.3	3.2	1.3	1.4	2.3	3.3	1.3	1.9
1.5	2.3	2.7	1.7	2.3	2.4	2.7	2.7	3.5
6.6	6.4	6.8	5.8	5.3	5.2	6.8	6.4	5.2

16	17	18	19	20	21	22	23	24
188.2	303.62	188.2	266.67	201.02	277.97	233.08	188.2	310.04
3660.36	334.18	304.71	373.46	322.88	285.7	468.39	386.55	425.83
300.62	367.39	264.19	161.1	203.49	264.19	364.36	385.6	264.19
438.97	410.09	384.1	438.97	436.08	410.09	381.21	438.97	421.64
361.59	341.13	330.9	356.48	341.13	338.58	330.9	330.9	310.44
205.84	210.62	201.06	224.97	236.93	239.32	201.06	210.62	239.32

25	26	27	28	29	30	31
31.2	29.6	32.6	32.4	33.2	33.6	33.8
34.8	35.4	32.8	37	32.4	34.4	34.5
32.4	31.6	32.4	33.4	31.5	33.5	
34	33.5	29.2	29.8	31	32.6	33.4
28.9	29.2	29.1	29.5	29.4	29.5	
28.6	27.6	27.5	26.2	27.7	26.2	27.4

25	26	27	28	29	30	31
25.8	24.4	25.2	27.4	25.6	24.8	24.6
27.6	28.4	26.8	24.6	24.8	28.2	27.8
25.2	25.6	24.8	27.2	26.8	26.7	
23.4	23.7	23.4	23.6	24.6	24.8	25.4
17	17.2	17.4	17.7	17.8	17.4	
17.6	17.8	16.4	15.8	15	15.2	13.8

25	26	27	28	29	30	31
17.4	1.2	0	0	24	24.4	3.6
32	0	6.8	1.2	0.4	0.8	5.2
18.4	30.2	0	0	0	0	
0	10.8	27.2	2.6	0	0	0
0	0	0	0	0	0	
0	0	0	0	0	0	0

25	26	27	28	29	30	31
1.4	3.2	5	3	4	4	5.6
4	2	3.8	3.2	3.4	2.8	4.2
5.4	3.2	3	2	4	2	
4	0.8	3.2	3.6	4	3	3
2	2	3	1	1	2	
1	1	2	2	1	2	1

25	26	27	28	29	30	31
91	83	76	83	84	83	91
77	77	83	95	76	80	87
80	83	83	87	84	77	
72	62	100	83	91	76	76
74	73	78	74	81	78	
90	90	90	94	89	95	100

25	26	27	28	29	30	31
76	91	69	77	69	70	70
65	76	64	77	70	84	80
100	80	69	77	70	70	
59	63	63	76	69	69	63
60	54	54	57	67	61	
66	66	55	73	56	66	53

25	26	27	28	29	30	31
2.3	4.8	4.6	3.6	2.8	5.4	9.4
9.2	0.8	7.2	4.2	4.8	4.3	2.2
2.6	3.4	4.8	0	7.2	6.3	
8.3	4.2	1.8	4.6	4.3	6.2	5.3
6.6	6.4	8.1	7.6	5.7	8.7	
3.4	2.4	6.2	6.4	5.5	2.8	5.2

25	26	27	28	29	30	31
11.2	8.7	8.9	9.9	10.7	8.1	4.1
3.7	12.1	5.7	8.7	8.1	8.6	10.7
9.6	8.8	7.4	12.2	5	5.9	
3.2	7.3	9.7	6.9	7.2	5.3	6.2
4.3	4.5	2.8	3.3	5.2	2.2	
7.2	8.2	4.4	4.2	5.1	7.8	5.4

25	26	27	28	29	30	31
261.94	342.1	335.69	303.62	277.97	361.34	489.59
484.76	209.78	419.29	468.39	340.72	324.35	355.61
239.91	264.19	306.69	161	379.53	352.22	
384.1	265.69	496.38	277.24	268.58	323.45	297.46
389.99	284.87	328.35	315.56	266.97	343.69	
191.49	167.58	258.45	263.23	241.71	177.15	234.53