

**Bangladesh Rice Research Institute,Gazipur-1701**  
**Daily Weather Data Barishal Station - 2023**

**Maximum Temperature (0C)**

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	23.2	28.8	32.6	25.2	34	38.2	31.6					
2	24	26	32	31.2	36	38.6	32					
3	22.6	25.6	33.6	33.6	35.4	37.2	33.6					
4	20	26	34.2	34.4	30.8	38	32					
5	19	26.6	34.6	34	33.6	38.6	31					
6	19.4	27.2	33	33.4	34.2	39	31.2					
7	18.6	29.6	33.4	35	31.6	34.2	30.2					
8	19	29.6	31.8	35.2	32.4	29.6	31.6					
9	25.6	27.8	31.6	36	39.2	29.4	32					
10	25.8	27.8	32.2	36.2	32.6	29.6	29.6					
11	24.6	30.8	32.6	36.8	36.6	31.6	30.2					
12	23.6	29	33	37	35.4	33.4	31.8					
13	26.6	27.2	33.2	38	31.2	33.6	31.6					
14	22.8	26.6	33	39	29.1	34.6	31.6					
15	24.6	26.2	31.6	38.6	34	32.8	29.6					
16	25	28.6	32	39.2	33.6	33	30.6					
17	24.6	29.2	30.2	37.6	31.6	32.2	31.8					
18	22.6	30.2	29	35.6	27	32	32					
19	23.2	30.2	27.2	36.6	29.6	32.2	32					
20	23	29.6	28.6	35	34.2	32	31.8					
21	24.2	31.2	31	33	34.8	32	34.4					
22	26.6	31.6	30	32.6	34	31	31.6					
23	26	32	31	29	35.2	31	33.8					
24	29.4	32	31.6	34.6	25.6	31.6	33					
25	29	31.4	33.2	36	29.6	0	31.6					
26	28.2	32.6	33	35.6	32.6	28.6	31.8					
27	28	32.6	34	37.2	32.6	26	32.4					
28	27.4	32	32	34	34	27	31.6					
29	26.2		32.6	35.6	35.2	28.6	31.6					
30	28.6		31.6	34.6	37	31.6	34.6					
31			29		36.8		32.8					

**Minimum Temperature (0C)**

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	13.2	16.8	17.6	21	23	28.2	24.8					
2	13	16	17.4	20.6	23.8	28.2	27.2					
3	12.8	15	18	21.4	24.6	27.4	27					
4	12.8	12.6	18.8	23	23	28.6	27.4					
5	13.6	13	19.2	26	23.8	27.6	27					
6	11	13.6	19	26	24.8	29.4	26.8					
7	10.8	13.6	19.2	25	25	28.6	26.6					
8	10.8	17.6	19	23	26	29	26.6					
9	11.8	20	20	23	26.8	25	26.8					
10	13.6	15.6	20	24.6	27.6	25.8	27					
11	12	15.6	21	24.8	27	26	27.2					
12	9.4	15.8	20.4	26	26.8	26.2	26.4					
13	9.6	14.4	20.6	25	26.8	25.6	26.2					
14	11	12.2	20.4	25.8	25.8	25.8	26					
15	14.8	12.8	21	26.2	26.6	28.6	26					
16	14.8	12.6	21.2	27	22.2	27.2	26.6					
17	13.8	14.2	22	28.2	22.8	28.2	25.8					
18	13.8	16.8	22	27.6	21.6	28.8	26					
19	13	18.6	22	26.6	21.6	28.4	27					
20	11	18.8	20.2	27.8	21.2	25.2	26.8					
21	10.2	19	20	28	25.8	27	27					
22	10.4	22	19.2	24.6	24.2	26.8	27					
23	12.2	22	19.2	23.6	24.8	26	27					
24	14.8	22.8	20	22	22.6	26.2	27					
25	15.2	22.6	24.6	22.4	22.8	26	27					
26	15.2	19.8	24.6	23.2	22.2	0	27					
27	16.2	18	22.2	24.4	22.6	22	26.6					
28	16	19	22.2	22.8	23.8	20.6	26					
29	16		23	22	24.6	21	26.2					
30	14.6		21.6	22.6	25.4	25.2	26.6					
31	16		21.4		26.8		27.6					

**Rainfall (mm)**

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	0	0	0	0	0	0	19	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	36.4	0	14.2	0	0	0	0	0
4	0	0	0	0	0	0	24	0	0	0	0	0
5	0	0	0	0	0	0	7	0	0	0	0	0
6	0	0	0	0	0	0	8	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	24	4.2	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	3	0	0	0	0	0	0
11	0	0	0	0	0	0	16	0	0	0	0	0
12	0	0	0	0	0	52	1	0	0	0	0	0
13	0	0	0	0	0	7.2	0	0	0	0	0	0
14	0	0	0	0	11.2	0	17	0	0	0	0	0
15	0	0	0	0	16	26	14	0	0	0	0	0
16	0	0	0	0	0	1	11	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	10	0	23	25.6	0	0	0	0	0	0
20	0	0	3	0	0	0	0	0	0	0	0	0
21	0	0	0	0	4	0	10.2	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	10.2	1	0	0	0	0	0
24	0	0	0	0	46	0	0	0	0	0	0	0
25	0	0	0	0	6.2	10	6	0	0	0	0	0
26	0	0	7.2	0	41	12	4	0	0	0	0	0
27	0	0	8	12	5	11.2	7	0	0	0	0	0
28	0	0	0	0	0	1	7.2	0	0	0	0	0
29	0	0	11.2	0	0	17	3	0	0	0	0	0
30	0	0	0	0	0	20	0	0	0	0	0	0
31	0	0	11	0	0	0	54	0	0	0	0	0

Relative-Humidity (%) in (7.00 am)												
Day	January	February	March	April	May	June	July	August	September	October	November	December
1	87	89	76	91	91	91	91					
2	87	88	77	91	91	92	92					
3	87	87	77	90	91	92	92					
4	87	87	88	91	90	92	91					
5	87	87	82	91	91	91	96					
6	86	73	88	91	91	92	96					
7	86	88	77	91	91	92	91					
8	73	90	79	90	91	92	91					
9	87	90	88	90	91	91	96					
10	87	88	89	90	92	91	92					
11	86	88	79	91	91	91	91					
12	87	90	89	91	91	96	91					
13	70	87	88	90	82	96	96					
14	87	73	89	91	90	92	91					
15	73	73	90	83	90	91	91					
16	87	86	90	83	90	91	91					
17	87	90	90	91	90	92	96					
18	88	77	90	92	90	92	92					
19	87	77	90	92	91	91	91					
20	85	89	91	91	90	92	91					
21	85	90	91	91	92	92	91					
22	86	90	89	90	91	96	91					
23	87	90	90	90	92	91	91					
24	75	90	90	90	90	96	91					
25	75	90	91	90	91	91	92					
26	88	89	91	90	90	91	91					
27	88	77	90	91	90	91	91					
28	88	78	90	90	91	91	91					
29	88	0	91	91	91	91	91					
30	88	0	90	90	91	91	92					
31	88	0	90	0	92		92					

Relative-Humidity (%) in (1:30 pm)												
Day	January	February	March	April	May	June	July	August	September	October	November	December
1	59	56	33	80		61	66					
2	59	56	33	74	50	78	83					
3	59	52	33	60	61	62	90					
4	68	50	34	60	67	69	92					
5	78	51	34	68	84	62	83					
6	78	53	42	58	60	63	83					
7	77	64	33	59	61	60	83					
8	77	57	23	53	55	75	83					
9	71	57	34	53	63	82	83					
10	51	56	33	61	63	91	83					
11	59	56	50	61	61	83	83					
12	59	65	42	61	61	68	74					
13	51	18	33	46	74	76	92					
14	72	30	29	46	66	68	92					
15	71	32	58	46	59	83	83					
16	62	46	66	56	68	69	92					
17	59	56	67	63	74	68	92					
18	58	56	56	63	82	75	75					
19	48	56	64	62	76	74	76					
20	48	74	74	62	60	84	66					
21	39	58	31	76	68	74	83					
22	51	58	57	67	69	66	76					
23	63	66	57	57	69	74	68					
24	64	66	57	67	80	83	76					
25	54	66	52	67	73	83	92					
26	64	40	60	53	58	84	92					
27	63	42	83	38	76	83	83					
28	63	500	66	75	67	83	92					
29	54	0	67	61	60	83	76					
30	63	0		50	62	83	68					
31		0			62		84					

Sun-Shine (Hour)												
Day	January	February	March	April	May	June	July	August	September	October	November	December
1	5.4	3.4	7.5	1.6	4.8	9.2	3.5					
2	5.7	6	8.3	9.7	9.6	8.6	3.8					
3	5.8	7.5	8.5	9.5	9.1	8.8	5.1					
4	5.2	6.8	8.7	9.2	2.1	8.7	5.9					
5	3.3	6.6	8.7	8.6	9.1	9.4	7.1					
6	4.5	7.2	8.3	7.6	7.2	8.6	3.9					
7	3.2	5.2	8.3	7.2	9.5	0	5.2					
8	2.9	6.5	4.3	6.7	9.3	0	4.8					
9	6.9	6.5	3.1	9.1	10.2	0	4.6					
10	5.7	6.4	4.3	7.3	10.2	0	1.2					
11	6.9	5.9	6.3	7.6	9.2	0	2.3					
12	6.6	4.7	7.8	9.8	6.7	5.3	4.9					
13	5.9	7.2	8.6	9.5	0	7.1	4.3					
14	4.9	8.2	4.5	9.2	0	9.2	3.1					
15	2.8	7.4	0	8.5	10.2	0	3.1					
16	5.4	7.2	0	8.7	9.7	5.2	3.5					
17	5.5	6.5	3.5	8.5	5.6	3.9	9.1					
18	0	4.8	2	8.4	0	1.7	8.3					
19	5.2	5.2	1.4	8.5	6.5	1.8	9.3					
20	5.8	4.2	3.9	7.5	10.2	5.2	8.5					
21	6.5	6.1	7.5	3.7	9.5	3.8	4.9					
22	5.6	7.5	8.6	8.5	7.6	5.6	5.6					
23	4.2	6.3	7.6	0.4	6.5	6.6	7.6					
24	5.5	7.5	8.3	8.2	0	4.2	7.7					
25	6.1	4.5	8.5	9.1	6.2	3.2	6.5					
26	4.2	8.7	6.6	9.7	5.2	0	7.8					
27	6.1	8.1	1.9	9.5	7.2	0	5.2					
28	7.1	8.2	7.3	8.8	9.4	1.3	6.1					
29	6.6		6.6	8.5	9.5	5.4	3.9					
30	7.1		8.2	5.7	9.5	5.4	9.4					
31	6.3		2.6	0	8.6		6.1					

Cloudy												
Day	January	February	March	April	May	June	July	August	September	October	November	December
1	5.4	7.8	4.4	11	8.4	4.3	9.9					
2	5.1	5.2	3.6	2.9	3.6	4.9	7.6					
3	5	3.7	3.4	3.1	4.1	4.7	8.3					
4	5.6	4.4	3.2	3.4	11.1	4.8	7.5					
5	7.5	4.6	3.2	4	4.1	4.1	6.3					
6	6.3	4	3.6	5	6	4.9	9.5					
7	7.6	6	3.6	5.4	3.7	13.5	8.2					
8	7.9	4.7	7.6	5.9	3.9	13.5	8.6					
9	3.9	4.7	8.8	3.5	3	13.5	8.8					
10	5.1	4.8	7.6	5.3	3	13.5	12.2					
11	3.9	5.3	5.6	5	4	13.5	11.1					
12	4.2	6.5	4.1	2.8	6.5	8.2	8.5					
13	4.9	4	3.3	3.1	13.2	6.4	9.1					
14	5.9	3	7.4	3.4	13.2	4.3	10.3					
15	8	3.8	11.9	4.1	3	13.5	10.3					
16	5.4	4	11.9	3.9	3.5	8.3	9.9					
17	5.3	4.7	8.4	4.1	7.6	9.6	4.3					
18	10.8	6.4	9.9	4.2	13.2	11.8	5.1					
19	5.6	6	10.5	4.1	6.7	11.7	4.1					
20	5	7	8	5.1	3	8.3	4.9					
21	4.3	5.1	4.4	4.1	3.7	10.1	8.5					
22	5.2	3.7	3.3	12.2	5.6	9.7	7.8					
23	6.6	4.9	4.3	4.4	6.7	7.9	5.8					
24	5.3	3.7	3.6	3.5	13.2	6.9	5.7					
25	4.7	6.7	3.4	2.9	7	9.3	6.9					
26	6.6	2.5	5.3	3.1	8	10.3	5.6					
27	4.7	3.1	10	3.8	6	13.5	8.2					
28	3.7	5	4.6	4.1	3.8	13.5	7.3					
29	4.2		5.3	6.9	3.7	12.2	9.5					
30	3.7		3.7	6.9	3.7	8.1	4					
31	4.5		9.3		4.6		7.3					

Solar-Radiation (Ca./cm2/day)												
Day	January	February	March	April	May	June	July	August	September	October	November	December
1	254.99	237.75	403.2	228.95	343.03	485.75	300.3					
2	262.57	312.5	428.65	490.96	499.27	466.41	374.36					
3	265.09	355.63	435.01	484.49	482.99	472.86	351.82					
4	249.94	335.5	441.38	474.78	255.15	469.64	377.58					
5	201.95	329.75	441.38	455.38	482.99	492.2	416.22					
6	232.26	347	428.65	423.03	421.15	466.41	313.18					
7	199.42	289.5	428.65	410.09	496.01	189.2	355.04					
8	191.85	326.88	301.4	393.92	489.5	189.2	342.16					
9	292.88	326.88	263.22	471.55	518.79	189.2	335.75					
10	262.57	324	301.4	413.33	518.59	189.2	226.24					
11	292.88	309.63	365.02	423.03	486.25	189.2	261.66					
12	285.3	275.13	412.74	494.19	404.87	360.04	345.38					
13	267.62	347	438.2	484.49	186.8	418.06	326.06					
14	242.36	375.75	307.76	474.78	186.8	485.75	287.42					
15	189.32	352.75	164.6	452.14	518.79	189.2	287.42					
16	265.9	347	164.6	458.61	502.52	356.82	300.3					
17	257.52	326.88	275.95	452.14	369.07	314.91	480.62					
18	118.6	378	228.23	448.91	186.8	244	454.86					
19	249.94	289.8	209.14	452.14	398.37	247.22	487.06					
20	265.09	260.75	288.67	419.8	518.79	356.82	461.3					
21	282.77	315.38	403.2	296.88	496.01	298.8	345.38					
22	260.04	355.63	438.2	452.14	434.17	311.69	367.92					
23	224.68	321.13	406.38	190.14	398.37	369.71	432.32					
24	257.52	355.63	428.65	442.44	186.8	401.94	435.54					
25	272.67	269.38	435.01	471.55	388.6	324.58	396.9					
26	224.68	390.13	374.57	490.96	356.05	292.35	438.76					
27	272.67	372.88	225.05	484.49	421.15	189.2	355.04					
28	297.93	318.25	396.84	461.85	492.76	189.2	384.02					
29	285.3		374.57	452.14	496.01	231.1	313.18					
30	297.93		425.47	361.57	496.01	363.26	490.28					
31	277.72		247.31		466.72		384.02					

Source: Plant Physiology Division BRR1