

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

Maximum Temperature (0C)

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	26	29.5	33.5	25.5	37	37	32.5			34	34.5	
2	26	28.3	35	32	38	36	32.5			32.5	34	
3	26.5	29	35	31.5	34	36	34			30	32.5	
4	24	28.5	36	33	35.5	36	35			29.5	32.5	
5	24	29.3	35.5	32	35	39	32			30	31	
6	21	28.5	35.5	34.5	35	38.5	33			30.5	31.5	
7	19	28.5	34	36	38	33.5	31			32	31	
8	19	29	34	36.5	39	29	32			31.5	30.5	
9	29	31	33	38	39	30.5	32			34	30.5	
10	31	30.5	32.5	38	37	28	31			34.5	31.5	
11	28	32	34	38	37.5	28	31			35.5	31.5	
12	28	31	35	37	38.5	32	31			30.5	31.5	
13	29	29.5	35	38	30	33	31			35.5	34	
14	29	29.5	29	38	25.5	34	32.5			33.5	33	
15	29	29.2	29	37	32	31.5	31			33.5	34	
16	27	30	34	37	33	33	32			33.5	28	
17	27	32	30	34	30.5	30.5	33.5			37	27.5	
18	28	32.5	31	35	29	32.5	33			34	25	
19	27	33	27	35.5	32.5	30	33.5			33.5	32.5	
20	26	31.5	27	34.5	33	31.5	34			33.5	32	
21	27.5	31	28	33.5	33.5	31.5	34.5			34	27.5	
22	29	29.5	30	36	34	31	34.5			38	29	
23	29	29.8	30	34.5	34	28	35			30	29	
24	30	33	32	36	35.5	31.5	35.5			25.5	29.5	
25	30	33.5	33	37	32	32	34.5			30	29.5	
26	30	34	33	37	33	32	33			33.5	33.5	
27	30	34.5	31	38	33.5	28	32.5			32	33.5	
28	29.5	34	32	37	35.5	32	33			32	32.5	
29	29		32	38	37	32	32.5			31.5	28.5	
30	33		32.5	37	38.5	32	36			33	31	
31	30		32		38.5		37			34		

Minimum Temperature (0C)

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	12	16.5	17	20.5	25	26.5	26			25.5	23	
2	12	17	16.5	20.5	25	28	27			25.5	24	
3	13	13	18	24	25.5	28.5	27			26	22.5	
4	13	13.8	18	24	24	28.5	28			25	22.5	
5	14	13.5	19.5	25.5	24	28.5	26			24.5	22.5	
6	14	13.5	20	23	25	27	21			24.5	21	
7	14	14.3	19.5	21	25.5	27.5	21			26.5	19	
8	14	16.5	19	22	26.5	28.5	27			26.5	19	
9	14	19	20	22.5	27	25	27			26.5	20	
10	16	18	20.5	24	28	25	26			27	19	
11	15	15.5	20	25	28	25	26			26	19.5	
12	12	16.5	20	25	27	24	26			26.5	19.5	
13	12	19	20	24.5	23	24	25			23	20	
14	16	13.5	19	25.5	23	27.5	23			25	20.5	
15	12	12.5	12	26	21	28.5	25			24.5	21	
16	12	14	12	26.5	23	24	26			25	21.5	
17	13	15.5	23	27.5	22.5	26	26			25	21	
18	13	16.2	23	27.5	21	25	26			23	20.5	
19	15	17.5	22	27.5	20	24	26			23.5	21.5	
20	10.5	18.2	11.5	27.5	27.5	25	27			23	22	
21	11.5	19.5	14.5	28	26.5	26	27.5			23	23	
22	13	21	16	21.5	23	26	27			25	20	
23	14	22	20	22.5	27	26	27.5			26	19	
24	15	22	20	22	21.5	26	28			24	18	
25	15	21.5	18.5	23	21.5	26	27			22.5	17.5	
26	16	22.5	22.5	24	24	25	27			23	17	
27	16.5	21.2	21.5	24	26	25	25.5			24	18	
28	16.5	19	22	22	24	25	26			22.5	20.5	
29	16.5		23	23.5	25.5	25	26.5			21.5	20	
30	14.5		20	23.5	26.5	25.5	26.5			21	18.5	
31	13		20.5		28.5		26.5			21		

Rainfall (mm)

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	0	0	0	0	0	41	5		0	8	0	0
2	0	0	0	0	0	46	31		0	2	0	0
3	0	0	0	0	0	48	0		0	31	0	0
4	0	0	0	0	0	0	3		0	41	0	0
5	0	0	0	0	0	54	14		0	7	0	0
6	0	0	0	19	3	28	4		0	1	0	0
7	0	0	0	0	0	0	0		0	1	0	0
8	0	0	0	0	0	0	0		0	2	0	0
9	0	0	0	0	0	0	0		0	1	0	0
10	0	0	0	0	0	0	25		0	1	0	0
11	0	0	0	0	0	0	1		0	0	0	0
12	0	0	0	0	50	0	0		0	52	0	0
13	0	0	0	0	2	0	0		0	0	0	0
14	0	0	0	0	4	0	19		0	0	0	0
15	0	0	0	0	14	14	7		0	0	0	0
16	0	0	0	0	8	0	4		0	0	52	0
17	0	0	0	0	14	20	1		0	0	39	0
18	0	0	0	0	31	13	2		0	0	0	0
19	0	0	0	0	0	14	0		0	0	0	0
20	0	0	4.9	0	0	0	0		0	0	0	0
21	0	0	44.3	0	0	45	0		0	0	0	0
22	0	0	12.2	11	0	1	0		0	0	0	0
23	0	0	0	0	27	13	0		0	3	0	0
24	0	0	0	0	20	0	0		0	11	0	0
25	0	0	0	0	0	0	0		0	0	0	0
26	0	0	0	0	0	37	4		0	0	0	0
27	0	0	0	0	0	0	8		0	0	0	0
28	0	0	0	0	0	7	6		0	0	0	0
29	0	0	0	0	0	50	3		0	0	0	0
30	0	0	0	0	0	4	0		0	0	0	0
31	0	0	0	0	0	0	14		0	0	0	0

Relative-Humidity (%) in (7.00 am)												
Day	January	February	March	April	May	June	July	August	September	October	November	December
1	100	95	100	100	91	83	100			100	100	
2	100	94	84	95	92	96	100			100	100	
3	93	100	90	95	91	88	96			100	100	
4	100	100	90	96	91	92	96			100	95	
5	100	100	100	100	91	92	96			100	100	
6	100	100	95	100	100	92	96			100	100	
7	100	100	95	95	96	92	96			100	100	
8	94	95	90	95	96	100	96			96	100	
9	100	100	95	96	88	100	96			100	100	
10	100	95	90	91	92	100	100			100	100	
11	94	100	95	100	92	100	100			100	100	
12	93	95	90	91	96	100	96			100	100	
13	93	95	95	96	95	100	100			100	100	
14	100	88	90	92	100	100	96			100	100	
15	100	88	100	96	95	100	100			100	100	
16	94	100	95	96	91	96	100			100	100	
17	95	100	95	96	91	100	100			100	100	
18	94	95	95	96	95	100	100			100	100	
19	94	100	100	96	100	96				100	100	
20	88	100	100	92	91	96				100	100	
21	88	95	95	92	91	100				95	100	
22	94	100	95	95	91	96				100	100	
23	100	100	95	91	96	96				100	100	
24	100	100	90	100	100	96				100	100	
25	100	100	95	91	95	96				100	100	
26	100	90	100	91	91	92				100	100	
27	100	79	100	92	91	96				100	100	
28	94	95	100	83	100	100				100	100	
29	94		100	92	91	100				100	100	
30	94		100	91	96	96				100	100	
31	100		90		96	96				100		

Relative-Humidity (%) in (1:30 pm)												
Day	January	February	March	April	May	June	July	August	September	October	November	December
1	60	64	63	100	58	71	96			92	92	
2	60	58	63	83	62	65	96			92	92	
3	60	66	63	83	76	68	96			92	92	
4	60	66	63	69	83	68	92			100	92	
5	89	66	63	83	63	62	92			10096	92	
6	78	59	63	83	63	62	92			96	92	
7	78	58	63	63	64	74	88			96	92	
8	89	64	63	63	62	100	96			96	92	
9	89	71	64	63	62	92	92			96	92	
10	78	64	64	68	62	100	100			92	92	
11	78	64	63	48	60	100	92			92	92	
12	82	64	63	48	62	92	92			92	84	
13	82	64	63	62	87	84	96			92	84	
14	67	64	69	54	100	92	96			92	84	
15	60	64	63	57	76	96	92			92	84	
16	67	58	63	62	69	88	92			92	100	
17	67	58	63	81	91	96	92			92	100	
18	75	62	63	81	95	96	92			92	100	
19	58	62	63	81	94	100	96			92	1	
20	58	62	68	68	70	92	92			92	92	
21	58	72	75	84	70	100	92			92	92	
22	58	72	75	62	77	100	88			92	92	
23	57	72	64	62	77	92	92			100	92	
24	64	63	59	64	100	92	89			100	92	
25	64	63	63	64	84	92	89			91	92	
26	67	70	63	62	84	92	96			92	92	
27	64	70	83	68	73	100	92			92	92	
28	64	63	83	68	70	100	92			92	92	
29	64		83	68	57	96	92			92	92	
30	64		83	62	62	96	92			92	92	
31	64		76		62		92			92		

Sun-Shine (Hour)												
Day	January	February	March	April	May	June	July	August	September	October	November	December
1			7.5	0	5	7.8				7.5	6	
2			7.5	8	8	7.5				3.5	6.5	
3			7.4	7.5	2	7				1	6.5	
4			7.2	7.5	0	8				1	4.2	
5			7.2	4.5	8	8				1	6.5	
6			7	7.5	6.5	7				2	6.5	
7			7.2	7.5	8.5	0				1	6.2	
8			5.2	8	8.5	0				1	5.6	
9			2.4	8	8	0				6	6.3	
10			2.4	7.5	8.5	0				4.5	6.2	
11			6.5	6.5	8.5	0				4.5	6.2	
12			7.5	7.5	7.5	0				2	6.5	
13			7.8	8	0	6.5				6	7.5	
14			5	8.6	0	5				4.5	7.4	
15			2.5	8.2	8	0				6	5.6	
16			5	8	8	1.5				7.5	0	
17			0	8	2	0				7.5	0	
18			2.5	7.2	0	4				7.2	0	
19			1	8	6.5	0				7	5.4	
20			0	7	7.5	3.5				7	4.5	
21			0	3.5	8	1				7	4	
22			5.2	8	8	0				7	5.8	
23			5.5	3.5	4.5	2				0	7	
24			6.5	7	0	5				0	7	
25			6.5	8.2	4	7				2.6	7.5	
26			6.5	8.2	8.5	1				3	7.5	
27			1	8	5.5	0				6.5	6	
28			3.7	8.5	8	2				7	7.2	
29			3.5	8	8.2	2				7	0	
30			6.2	6.5	8.2	4.5				6.6	7.4	
31			3.5		8.2					6.5		

Cloudy												
Day	January	February	March	April	May	June	July	August	September	October	November	December
1			4.4	0	8.2	5.7				4.1	5	
2			4.4	4.6	5.2	6				8.1	4.5	
3			4.5	5.1	11.2	6.5				1	4.5	
4			4.7	5.1	0	5.5				1	7	
5			4.7	8.1	5.2	5.5				1	4.5	
6			4.9	5.1	6.7	6.5				9.6	4.5	
7			4.7	5.1	4.7	0				1	4.8	
8			6.7	4.6	4.7	0				1	5.4	
9			9.5	4.6	5.2	0				5.6	4.7	
10			9.5	5.1	4.7	0				7.1	8.8	
11			5.4	6.1	4.7	0				7.1	4.8	
12			4.4	5.1	5.7	0				9.6	4.5	
13			4.1	4.6	0	7				5.6	3.5	
14			6.9	4	0	8.5				7.1	3.6	
15			9.4	4.4	5.2	0				5.6	5.4	
16			6.9	4.6	5.2	12				4.1	0	
17			0	5.4	11.2	0				4.1	0	
18			9.4	4.6	0	9.5				4.4	0	
19			10.9	5.6	6.7	0				4.6	5.4	
20			0	4.6	5.7	10				4.6	6.5	
21			0	9.1	5.2	12.5				4.6	0	
22			6.9	4.6	5.2	0				4.6	5.2	
23			6.4	9.1	8.7	11.5				0	4	
24			5.4	5.6	0	8.5				0	4	
25			5.4	4.4	9.2	6				9	3.5	
26			5.4	4.4	4.7	12				8.6	3.5	
27			10.9	4.6	7.7	0				5.1	5	
28			8.2	4.1	5.2	11.5				4.6	3.8	
29			8.4	4.6	5	11.5				4.6	0	
30			5.7	6.1	5	9				5	3.6	
31			8.4		5					5.1		

Solar-Radiation (Ca./cm2/day)												
Day	January	February	March	April	May	June	July	August	September	October	November	December
1			402.71	0	164.61	253.6				219.47	156.8	
2			402.71	260.24	262.25	243.9				103.2	169.76	
3			236.77	244.09	669.64	227.77				0	169.76	
4			230.42	244.09	0	260.03				0	104.94	
5			230.42	147.16	262.25	260.03				0	169.76	
6			224.06	244.09	213.43	227.77				596	169.76	
7			230.42	244.09	278.53	0				0	161.98	
8			166.87	260.24	278.53	0				0	146.43	
9			240.65	260.24	262.25	0				175.86	164.58	
10			240.65	244.03	278.53	0				132.26	161.98	
11			208.18	211.78	278.53	0				132.26	161.98	
12			402.71	244.09	245.98	0				596	169.76	
13			249.48	260.24	0	211.63				175.86	195.69	
14			160.51	279.63	0	163.23				137.26	193.1	
15			250.85	266.76	262.25	0				175.86	146.43	
16			160.51	260.24	262.25	502.96				219.47	0	
17			0	260.24	669.64	0				219.47	0	
18			240.65	234.39	0	130.96				210.75	0	
19			245.26	260.24	213.43	0				204.93	146.43	
20			0	227.93	245.98	114.83				204.93	117.91	
21			0	114.35	265.25	341.62				204.93	0	
22			160.51	260.24	262.25	0				204.93	151.61	
23			176.4	114.35	148.33	664.3				0	182.73	
24			208.18	227.93	0	162.23				0	182.73	
25			208.18	266.32	132.06	243.9				770.4	195.69	
26			208.18	266.26	278.53	502.96				886.67	195.69	
27			208.18	262.24	180.88	0				190.4	156.8	
28			334.18	262.24	262.25	664.3				204.93	187.91	
29			119.21	276.42	268.76	664.03				204.93	0	
30			112.85	282.24	268.76	147.1				193.3	193.1	
31			198.64		268.76					190.4		

Source: Plant Physiology Division BRR1