

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

**Maximum Temperature (0C)**

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	23.5	23.5	31.5	30.5	34.5	34.5	28.5	36.5	33.5	34.5	30.5	31.5
2	22.5	21.5	29.5	32.5	33.5	36.5	29.5	37.5	34.5	35.5	31.5	32.5
3	25	22.5	32.5	31.5	34.5	35.5	29.5	36.5	36	33.5	32.5	30.5
4	25.5	24.5	33	32.5	35	36	34.5	31.5	35.5	33.5	30.5	31.5
5	24.5	22.5	30.5	31.5	31.5	36.5	33.5	32.5	34.5	30	31.5	29.5
6	26.5	24.5	29.5	32.5	33.5	36.5	32.4	32.5	33.5	30.5	30.5	26.5
7	25.5	25	31.5	30.5	35.5	35.5	33.5	33.5	36	31.5	31.5	24.5
8	20.5	23.5	30.5	33.5	36	37.5	34.5	30.5	32.5	32.5	32.5	26.5
9	26.5	26.5	32.5	34.5	35	36.5	32.5	31.5	33.5	32.5	29.5	27.5
10	26	25.5	33.5	32.5	36.5	36	33.5	33.5	34.5	33.5	20.5	29.5
11	28.5	27.5	31.5	39.5	34.5	36.5	36.5	32.5	35.5	30.5	30.5	28.5
12	25.5	26.5	30.5	42.5	33.5	37	35.5	31.5	32.5	31.5	32.5	26.5
13	24.5	30.5	32.5	40.5	35.5	36.5	36.5	32	33	32.5	31.5	24.5
14	22.5	27.5	33.5	41.5	36	36	34.5	33	33.5	30.5	30.5	22.5
15	25.5	28.5	33	42.5	34.5	33.5	36.5	31.5	36	32.5	30.5	22
16	25	30.5	29.5	41.5	35.5	31.5	35.5	34	35.5	33.5	30	24.5
17	22.5	32.5	28.5	40.5	30	31.5	35	34.5	36.5	30.5	29	25.5
18	22.5	31.5	30.5	41.5	35.5	31.5	36.5	33.5	34.5	32.5	30	23.5
19	32.5	32.5	31.5	40.5	36.5	32.5	35.5	33.5	33.5	32.5	31.5	22.5
20	21.5	27.5	28.5	40	36	30.5	37	34.5	34.5	33.5	31.5	24.5
21	23.5	26.5	29.5	39.5	34	32.5	36	33.5	36.5	31.5	31.5	23.5
22	22.5	28.5	30.5	0	36.5	33.5	36.5	32.5	34.5	32.5	30.5	26.5
23	24.5	30.5	32.5	38.5	36	32.5	37	33.5	33.5	32.5	31.5	24.5
24	27.5	31.5	28.5	38	33.5	34.5	37.5	31.5	36.5	33.5	30.5	22.5
25	30.5	33.5	30.5	35.5	31.5	33.5	31.5	33.5	35.5	32.5	29.5	24.5
26	26.5	30.5	31.5	36.5	33.5	32.5	33.5	34.5	33.5	32.5	30.5	26.5
27	26	33.5	29.5	31.5	31.5	33.5	33.5	35	36.5	31.5	29.5	25.5
28	25.5	32.5	31.5	33.5	31.5	34.5	36.5	33.5	34.5	31.5	30.5	23.5
29	23.5		30.5	33.5	33.5	36.5	35.5	33.5	33.5	32.5	31.5	22.5
30	24.5		31.5	32.5	33	35.5	36.5	34	34.5	32.5	30.5	22.5
31	22.5		32.5		34.5		36.5	34.5		33.5		23.5

**Minimum Temperature (0C)**

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	12.5	11.5	24.5	23.5	23.5	24.5	24.5	25.5	25.5	26.5	22.5	21.5
2	11.5	13	26.5	24.5	22.5	26	26.5	27	26.5	25.5	23.5	22
3	13.5	12.5	26	23.5	23	25.5	26.5	26.5	24.5	26.5	20.5	21.5
4	13.5	13.5	25.5	22.5	23.5	24.5	27.5	25.5	25.5	26	21.5	21.5
5	12.5	11.5	27	26.5	22.5	25.5	26.5	26	26.5	25	22.5	20.5
6	13.5	13.5	26.5	23.5	23.5	26.5	25.5	27.5	26.5	24.5	21.5	20.5
7	12.5	13.5	27.5	24.5	22.5	25.5	24.5	26.5	26	25.5	24.5	21.5
8	11.5	12.5	25.5	23.5	23	27.5	26	25	25.5	26.5	23.5	20.5
9	13.5	14	24.5	21.5	22	26.5	26.5	26	24.5	25.5	19.5	21
10	11.5	13.5	27.5	22.5	22.5	25.5	25.5	26.5	25.5	24.5	20.5	20.5
11	10.5	14.5	27	22.5	21	26.5	26.5	26.5	26.5	21.5	20.5	20.5
12	9.5	12.5	26.5	21.5	22.5	26.5	26	26	24.5	22.5	20.5	20.5
13	10.5	14.5	25.5	21.5	21.5	25.5	26.5	27.5	26.5	21.5	21.5	20
14	12.5	11.5	27.5	21	20.5	26.5	25.5	26.5	25.5	20.5	21	18.5
15	10.5	14.5	27.5	22	24	27	26.5	26.5	24.5	22.5	21.5	17
16	11.5	15.5	26	21.5	23.5	24.5	25.5	27.5	26.5	21.5	22	20.5
17	12.5	26.5	25.5	20.5	22.5	25.5	26.5	26.5	26	25.5	19.5	19.5
18	11	23	26.5	20	18.5	24.5	26	26	25.5	21.5	20	17.5
19	14.5	22.5	27	21.5	20.5	24.5	25.5	26.5	25	22.5	20.5	16.5
20	13.5	17.5	27.5	20	21.5	26.5	25.5	27	26.5	20.5	21	14.5
21	14.5	16.5	26.5	21.5	20.5	25.5	26	26.5	26.5	20.5	21.5	19.5
22	12.5	17.5	27.5	0	20.5	25.5	26.5	27.5	26.5	21.5	20.5	18.5
23	13.5	18.5	26.5	22	23.5	24.5	26	26.5	25.5	22.5	20.5	14.5
24	13	22	25.5	22.6	21.5	26	26.5	27.5	26.5	21.5	21.5	16.5
25	15.5	25.5	27.5	23	20.5	25.5	25.5	26.5	27	23.5	20.5	14.5
26	12.5	24	26.5	22.5	22.5	26.5	24.5	27.5	26.5	21.5	20.5	14.5
27	12	27.5	25.5	20.5	23.5	25.5	25.5	26.5	26.5	20.5	21.5	16.5
28	11.5	25.5	26.5	22	23	26.5	26.5	25.5	27.5	21.5	23.5	17.5
29	12.5		25.5	22.5	21.5	24.5	26.5	26.5	26.5	22.5	22.5	18.5
30	11.5		24.5	21.5	21.5	25.5	25.5	27.5	24.5	22.5	21.5	16.5
31	12.5		25.5		22		26.5	26.5		21.5		17.5

**Rainfall (mm)**

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	0	0	0	9	0	0	0	5	0	0	0	0
2	0	0	0	0	0	0	5	0	5	5	0	0
3	0	0	0	0	0	0	0	17	0	0	0	0
4	0	0	0	0	0	0	0	20	0	70	0	0
5	0	0	0	0	31	0	0	0	0	120	0	0
6	0	0	0	0	0	0	5	44	0	20	0	0
7	0	0	0	0	0.6	0	7	8	30	0	0	5
8	0	0	0	0	0	0	0	0	0	0	0	4.8
9	0	0	0	0	0	0	12	0	15	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	30	0	0	0	45	0	0
12	0	0	0	0	0	0	0	16	10	0	0	0
13	0	0	0	0	0	0	0	4	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	13	0	0	0	0	0	0
17	0	0	20	0	0	33	0	0	0	0	12	0
18	0	0	0	0	39	3	10	10	15	0	27	0
19	0	0	0	0	0	0	0	0	3	0	0	0
20	0	0	22	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	10	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	30	0	0	3	0	0	0	0
25	0	0	0	0	0.5	0	0	0	5	0	0	0
26	0	0	0	0	0.7	0	0	0	0	0	0	0
27	0	0	7	17	33	0	5	0	0	0	0	0
28	0	0	0	0	0	0	0	6	0	0	0	0
29	0		0	0	0	0	0	0	2	0	0	0
30	0		0	15	0	0	0	0	0	0	0	0
31	0		0		0	0	7	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	75	82	58	80	71	76	84	80	77	90	63	85
2	70	94	84	73	68	77	92	80	80	91	63	87
3	88	82	71	66	57	84	84	77	80	92	70	81
4	88	76	71	83	55	84	84	81	86	90	58	82
5	75	78	71	79	57	81	87	83	88	96	64	80
6	88	83	70	79	70	88	83	77	92	91	49	82
7	88	69	70	74	91	77	73	80	92	87	55	84
8	88	70	56	87	82	80	79	77	73	79	56	83
9	69	78	90	83	69	84	84	87	76	79	68	85
10	87	88	80	67	78	77	87	81	66	90	80	86
11	87	80	85	67	81	83	84	84	63	79	76	84
12	87	85	75	70	69	84	83	84	69	63	95	70
13	89	95	53	60	70	77	77	73	76	79	76	69
14	76	82	58	60	79	77	84	63	69	66	68	74
15	84	86	54	64	91	83	80	66	73	51	76	83
16	77	87	56	60	82	79	73	96	84	67	85	94
17	82	82	90	71	82	87	84	96	69	75	80	79
18	88	74	80	77	90	87	80	82	80	65	84	88
19	81	77	42	73	78	87	84	84	63	69	84	74
20	88	80	62	92	78	83	80	77	70	53	80	79
21	70	70	56	87	80	91	83	95	80	64	95	79
22	64	85	54	0	41	76	84	77	84	75	80	78
23	65	73	65	64	72	77	84	87	66	71	85	88
24	76	70	69	79	69	69	88	81	69	66	80	79
25	77	66	85	66	71	77	70	72	69	63	71	89
26	78	80	70	70	83	69	72	77	75	62	90	74
27	77	85	50	68	83	77	76	91	80	45	95	73
28	82	85	56	63	96	84	84	92	87	64	85	74
29	69		63	74	83	83	83	84	72	63	95	74
30	57		71	78	79	74	77	84	69	74	95	94
31	64		66		80	88	83	67		62		88

Relative-Humidity (%) in (1:30 pm)												
Day	January	February	March	April	May	June	July	August	September	October	November	December
1	94	78	63	92	88	81	71	83	70	80	32	76
2	88	70	50	81	70	59	67	85	80	69	42	64
3	83	53	70	71	67	72	62	86	77	87	51	67
4	78	79	61	74	71	63	71	81	84	79	44	85
5	73	66	69	74	74	59	67	83	92	70	49	81
6	88	62	60	74	80	59	67	84	69	76	38	83
7	78	54	67	75	77	59	58	80	74	79	52	78
8	69	82	78	76	70	59	78	81	67	77	44	70
9	77	62	67	75	77	62	71	86	67	70	59	82
10	88	52	69	65	60	72	65	85	78	79	56	78
11	88	84	73	57	77	81	78	83	92	72	57	70
12	88	56	70	62	81	83	75	89	92	73	56	74
13	83	57	58	52	74	74	78	86	92	60	57	66
14	78	62	76	52	67	74	62	83	88	63	62	70
15	75	87	79	60	66	67	78	81	64	63	42	90
16	78	69	65	57	52	63	78	85	67	56	59	79
17	88	62	67	54	70	69	71	83	70	46	42	79
18	79	70	67	71	79	69	83	80	67	44	61	70
19	88	59	61	74	76	76	68	81	63	49	60	82
20	74	75	63	67	66	73	75	82	77	52	42	82
21	79	73	63	81	85	76	92	89	70	52	44	74
22	88	42	63	0	71	73	64	86	71	53	65	74
23	79	61	72	77	78	67	75	80	67	63	64	70
24	83	77	67	70	77	61	75	81	70	69	64	78
25	83	70	63	70	84	74	68	82	88	66	42	74
26	74	77	63	88	77	70	71	81	77	56	44	70
27	75	66	64	80	80	67	71	89	74	53	50	70
28	79	80	66	81	80	62	85	83	73	42	65	78
29	88		77	84	70	56	78	86	67	47	60	78
30	78		77	74	67	67	81	82	67	52	47	70
31	96		67		68		85	83		61		78

Sun-Shine (Hour)												
Day	January	February	March	April	May	June	July	August	September	October	November	December
1	5.5	5.5				4.5	8	8.5				
2	4	3.2				6.2	8.5	6.5				
3	2.5	6				5.3	7.5	4.5				
4	3.5	4.5				5.5	8.5	3.5				
5	4.5	3.5				6.5	9.2	3.5				
6	5.5	4				8	10.5	2.6				
7	2.5	2.5				7.5	9.2	3.5				
8	2	5				7	8.5	2				
9	7.2	6				6.3	7.5	1				
10	5.2	6.2				7.5	8.2	4.5				
11	6	5.5				4.5	10.5	1				
12	5.5	6.2				7	9.5	2.5				
13	6	4.5				3.5	9	4				
14	4.5	6.5				6	10.5	3.2				
15	5.3	5.2				5.5	8.5	1.5				
16	4.2	6				2	10	6.3				
17	3.5	5.5				1.5	8.2					
18	4	6.5				2.5	9.5					
19	2.5	7.8				2	10.5					
20	3.5					3.5	8.5					
21	2					4.2	9.2	3.8				
22	5.5					3.5	9.5					
23	3.5					4.5	6.2					
24	4					5.2	10.2					
25	2.5					4.2	9.2					
26	5.5					6.5	9.8					
27	5					6.3	10.5					
28	4.5					7.5	8.5					
29	6					9.1	9.5					
30	5.5					6.2	10.5					
31	6.2						5.5					

Cloudy												
Day	January	February	March	April	May	June	July	August	September	October	November	December
1	5.3	5.7				9	5.4	4.3				
2	6.8	8				7.3	4.9	6.3				
3	8.3	5.2				8.2	5.9	8.3				
4	7.3	6.7				8	3.9	9.3				
5	6.3	7.7				7	4.2	9.3				
6	5.3	7.2				5.5	2.9	10.2				
7	8.3	8.7				6	4.2	9.3				
8	8.8	6.2				6.5	4.9	10.8				
9	3.6	5.2				7.2	5.9	11.8				
10	5.6	5				6	5.2	8.3				
11	4.8	5.7				9	2.9	11.8				
12	5.3	5				6.5	3.9	10.3				
13	4.8	6.7				10	4.4	8.8				
14	6.3	4.7				7.5	2.9	9.6				
15	5.5	6				8	4.9	11.3				
16	6.6	5.2				11	3.4	6.5				
17	7.3	5.7				12	5.2					
18	6.8	4.6				11	3.9					
19	8.3	4.2				11.5	2.9					
20	7.3					10	4.9					
21	8.8					9.3	4.2					
22	5.3					10	2.9					
23	7.3					9	5.2					
24	6.8					8.3	2.9					
25	8.3					9.3	4.2					
26	5.3					7	3.9					
27	5.8					7.2	2.9					
28	6.3					6	4.9					
29	4.8					4.4	3.9					
30	5.3					7.3	2.9					
31	4.6						7.9					

Solar-Radiation (Ca./cm2/day)												
Day	January	February	March	April	May	June	July	August	September	October	November	December
1	257.51	298.12				334.25		463.51				
2	219.62	231.99				389.05		377.6				
3	181.74	312.49				360.04		331.69				
4	207	269.37				366.48		298.74				
5	232.25	240.62				414.83		298.74				
6	257.51	254.99				366.48		269.08				
7	181.74	211.87				430.95		298.74				
8	169.11	283.74				414.83		249.3				
9	300.45	312.49				392.27		216.35				
10	249.93	318.24				430.95		331.69				
11	215.68	298.12				334.25		216.35				
12	270.14	318.24				414.83		265.78				
13	257.51	269.37				302.01		315.21				
14	270.14	326.87				382.6		288.85				
15	232.25	289.49				366.48		232.83				
16	252.46	312.49				253.66		391.01				
17	224.68	298.12				237.55						
18	207	326.88				269.78						
19	219.62	341.25				253.66						
20	181.74					302.01						
21	232.25					324.55						
22	169.11					302.01						
23	257.51					334.25						
24	207					356.81						
25	219.62					324.58						
26	181.74					414.83						
27	257.51					392.27						
28	244.88					430.95						
29	232.25					482.53						
30	270.14					389.05						
31	275.19											

Source: Plant Physiology Division BRR