

Bangladesh Rice Research Institute
Regional Station, Rangpur
Daily Weather Data

Day Length: 10.7 R: 569 Time: 9am and 2pm Month: January Year: 2018

Date	Max temp	Min temp	Mean temp	Rain fall	Actual Eva Reading	Relative Humidity % °F		Sun Shine hrs/day	Cloudy hrs/day	Solar Radiation, gm-Cal/Cm2	Remarks
	°C	°C	°C	mm	mm	9am	2pm				
1	25.3	11.8	18.6	0	2	82	48	6.3	4.4	267.90	
2	26.3	13.2	19.8	0	3	94	60	6	4.7	260.57	
3	23.5	10.4	17.0	0	2	86	50	5.3	5.4	243.44	
4	19.8	9.2	14.5	0	2	93	65	5	5.7	236.10	
5	20.2	10.9	15.6	0	1	93	71	4.3	6.4	218.98	
6	21.2	9.8	15.5	0	2	92	80	2	8.7	162.72	
7	13.2	6.8	10.0	0	1	92	73	0	10.7	113.80	
8	10.5	3.2	6.9	0	1	92	60	5.3	5.4	243.44	
9	20.3	6.8	13.6	0	2	93	57	6	4.7	260.57	
10	21.5	9.8	15.7	0	2	92	77	3.3	7.4	194.52	
Avg.	20.2	9.2	14.7		1.8	90.9	64.1	4.4	6.4	220.20	
11	26.3	13.2	19.8	0	3	94	60	6	4.7	260.57	
12	23.5	10.4	17.0	0	2	86	50	5.3	5.4	243.44	
13	19.8	9.2	14.5	0	2	93	65	5	5.7	236.10	
14	20.2	10.9	15.6	0	1	93	71	4.3	6.4	218.98	
15	21.2	9.8	15.5	0	2	92	80	2	8.7	162.72	
16	13.2	6.8	10.0	0	1	92	73	0	10.7	113.80	
17	10.5	3.2	6.9	0	1	92	60	5.3	5.4	243.44	
18	20.3	6.8	13.6	0	2	93	57	6	4.7	260.57	
19	21.5	9.8	15.7	0	2	92	77	3.3	7.4	194.52	
20	21.2	9.2	15.2	0	1	93	62	5	5.7	236.10	
Avg.	17.3	9.1	13.2		1.0	92.5	74.9	3.1	7.6	190.12	
21	22.3	9.2	15.8	0	1	93	75	4	6.7	211.64	
22	21.5	10.8	16.2	0	1	93	62	5	5.7	236.10	
23	23.5	10.4	17.0	0	1	94	48	6.3	4.4	267.90	
24	23.8	9.4	16.6	0	1	94	42	6	4.7	260.55	
25	24.8	10.2	17.5	0	2	94	44	6.3	4.4	267.90	
26	23.8	11.5	17.7	0	2	93	50	6.3	4.4	267.90	
27	22.5	11.4	17.0	0	2	86	63	4	6.7	211.64	
28	18.8	8.2	13.5	0	1	93	56	5.3	5.4	243.44	
29	20.5	8.2	14.4	0	1	93	53	6	4.7	260.55	
30	21.3	8.3	14.8	0	1	93	62	4.3	6.4	218.98	
31	20.6	9.4	15.0	0	1	94	58	5	5.7	236.10	
Avg.	22.1	9.7	15.9		1.3	92.7	55.7	5.3	5.4	243.88	
G. tot	618	290	454		42	2854	2003	133.2	198.5	6785.90	
Mean	19.9	9.4	14.6	no rain	1.4	92.1	64.6	4.3	6.4	218.90	

Day Length: 11.2

R:680

Time: 9am and 2pm

Month: February Year: 2018

Date	Max temp	Min temp	Mean temp	Rain fall	Actual Eva Reading	Relative Humidity % °F		Sun Shine hrs/	Cloudy hrs/	Solar Radiation, gm-	Remarks
	°C	°C	°C	mm	mm	9am	2pm	day	day	Cal/Cm2	
1	21.6	10.2	15.9	0	1	94	58	5	6.2	275.64	
2	22.9	11.9	17.4	0	1	93	64	1.3	9.9	172.30	
3	23.3	11.4	17.4	0	1	94	60	1.3	9.9	172.30	
4	24.3	13.2	18.8	0	1	94	68	3.3	7.9	228.16	
5	24.2	13.4	18.8	0	1	94	49	4.3	6.9	256.09	
6	25.2	12.8	19.0	0	1	94	56	4.3	6.9	256.09	
7	24.2	12.3	18.3	0	2	82	48	6.3	4.9	311.95	
8	23.5	14.4	19.0	0	3	88	48	7	4.2	331.50	
9	24.5	11.8	18.2	0	2	61	38	7	4.2	331.50	
10	25.3	11.2	18.3	0	2	71	53	2	9.2	191.85	
Avg.	23.9	12.3	18.1		1.5	86.5	54.2	4.2	7.0	252.74	
11	22.3	9.3	15.8	0	2	94	56	5	6.2	275.64	
12	23.5	11.5	17.5	0	2	77	54	7	4.2	331.50	
13	25.5	13.8	19.7	0	2	94	54	4	7.2	247.71	
14	26.3	16.4	21.4	0	2	83	48	4.3	6.9	256.09	
15	25.4	13.2	19.3	0	2	77	57	7.3	3.9	339.87	
16	24.2	12.5	18.4	0	2	79	49	6	5.2	303.57	
17	25.5	13.5	19.5	0	3	83	48	7	4.2	331.50	
18	26.2	13.8	20.0	0	3	83	48	7	4.2	331.50	
19	26.3	13.2	19.8	0	2	83	50	6.3	4.9	311.95	
20	27.2	13.8	20.5	0	3	83	48	8	3.2	359.42	
Avg.	25.2	13.1	19.2		2.3	83.6	51.2	6.2	5.0	308.88	
21	27.2	13.5	20.4	0	3	79	36	7.3	3.9	339.87	
22	27.6	13.3	20.5	0	3	79	41	6	5.2	303.57	
23	27.5	14.2	20.9	0	2	89	55	5.3	5.9	284.02	
24	27.5	14.6	21.1	0	2	79	66	6	5.2	303.57	
25	25.8	16.8	21.3	0	2	79	60	5.3	5.9	284.02	
26	27.8	19.2	23.5	0	2	69	69	3.3	7.9	228.16	
27	24.8	12.5	18.7	0	2	89	64	5	6.2	275.64	
28	24.2	15.2	19.7	0	2	89	56	6.3	4.9	311.95	
Avg.	26.6	14.9	20.7		2.3	81.5	55.9	5.6	5.6	291.35	
G. tot	703.8	372.9	538.35	0	56	2353	1501	148.2	165.4	7946.93	
Mean	25.1	13.3	19.2	no rain	2.0	84.0	53.6	5.3	5.9	283.82	

Day Length: 11.8

R: 811

Time: 9am and 2pm

Month: March Year: 2018

Date	Max temp	Min temp	Mean temp	Rain fall	Actual Eva Reading	Relative Humidity % °F		Sun Shine hrs/	Cloudy hrs/	Solar Radiation, gm-	Remarks
	°C	°C	°C	mm	mm	9am	2pm	day	day	Cal/Cm2	
1	27.2	16.4	21.8	0	4	85	53	6	5.8	351.89	
2	27.5	17.8	22.7	0	2	85	57	6	5.8	351.89	
3	29.5	17.8	23.7	0	3	90	47	7	4.8	383.50	
4	30.2	19.2	24.7	0	3	89	51	7	4.8	383.50	
5	29.9	19.2	24.6	0	3	90	64	4.3	7.5	298.14	
6	27.5	17.5	22.5	0	3	75	52	9	2.8	446.73	
7	30.1	15.3	22.7	0	4	57	43	8.3	3.5	424.60	
8	29.2	15.2	22.2	0	4	66	47	8	3.8	415.12	
9	29.3	16.5	22.9	0	3	76	44	7.3	4.5	392.99	
10	29.8	16.8	23.3	0	3	75	41	8	3.8	415.12	
Avg.	29.0	17.2	23.1		3.2	78.8	49.9	7.1	4.7	386.35	
11	29.5	16.5	23.0	0	4	53	47	8	3.8	415.12	
12	30.2	17.4	23.8	0	3	71	49	6	5.8	351.89	
13	28.2	19.2	23.7	0	3	74	59	5.3	6.5	329.76	
14	26.5	16.5	21.5	0	3	80	64	5	6.8	320.27	
15	28.2	19.2	23.7	0	3	85	62	5.3	6.5	329.76	
16	30.2	21.2	25.7	0	4	95	44	8	3.8	415.12	
17	31.2	17.2	24.2	0	3	53	50	0	11.8	162.20	
18	27.2	15.2	21.2	0	4	64	31	8.3	3.5	424.60	
19	30.2	15.2	22.7	0	4	75	44	7	4.8	383.50	
20	30.2	16.5	23.4	0	3	80	49	7	4.8	383.50	
Avg.	29.2	17.4	23.3		3.4	73	49.9	6.0	5.8	351.57	
21	30.5	18.8	24.7	0	4	80	55	6.3	5.5	361.37	
22	30.7	19.5	25.1	0	3	78	62	7	4.8	383.50	
23	30.5	20.8	25.7	0	2	77	63	7	4.8	383.50	
24	31.4	21.2	26.3	0	4	90	51	6.3	5.5	361.37	
25	30.9	20.2	25.6	0	2	82	53	8	3.8	415.12	
26	31.2	20.3	25.8	0	2	81	58	7.3	4.5	392.99	
27	32.2	20.2	26.2	0	4	81	64	5	6.8	320.27	
28	27.4	19.8	23.6	0	4	85	68	5.3	6.5	329.76	
29	29.2	22.2	25.7	0	4	81	72	3	8.8	257.04	
30	28.5	19.8	24.2	2	2	90	79	2	9.8	225.43	
31	22.2	17.8	20.0	155	4	79	63	6.3	5.5	361.37	
Avg.	29.5	20.1	24.8		3.2	82.2	62.5	5.8	6.0	344.70	
G. tot	906.5	566.4	736.45	157	101	2422	1686	194.3	171.5	11170.92	
Mean	29.2	18.3	23.8	2 days	3.3	78.1	54.4	6.3	5.5	360.35	

Day Length: 12.5

R: 879

Time: 9am and 2pm

Month: April

Year: 2018

Date	Max temp	Min temp	Mean temp	Rain fall	Actual Eva Reading	Relative Humidity % °F		Sun Shine hrs/	Cloudy hrs/	Solar Radiation, gm-	Remarks
	°C	°C	°C	mm	mm	9am	2pm	day	day	Cal/Cm2	
1	26.2	19.8	23.0	0	4	72	62	7	5.5	402.23	
2	31.2	20.5	25.9	0	3	72	56	4	8.5	305.18	
3	30.5	20.2	25.4	0	3	78	59	7.3	5.2	411.93	
4	32.2	20.5	26.4	0	3	82	56	8	4.5	434.57	
5	31.3	22.8	27.1	0	4	79	66	7	5.5	402.23	
6	30.5	20.1	25.3	0	3	78	64	8	4.5	434.57	
7	27.2	20.8	24.0	0	4	78	55	7	5.5	402.23	
8	30.6	23.6	27.1	0	2	70	82	3	9.5	272.84	
9	29.9	19.9	24.9	18.8	3	82	72	7	5.5	402.23	
10	30.5	20.5	25.5	2	2	90	67	5.3	7.2	347.24	
Avg.	30.0	20.9	25.4		3.1	78.1	63.9	6.4	6.1	381.53	
11	28.5	19.2	23.9	19.5	4	95	70	6	6.5	369.88	
12	27.8	18.5	23.2	0	3	94	64	7.3	5.2	411.93	
13	29.2	19.1	24.2	4	4	82	64	8.3	4.2	444.28	
14	30.2	19.8	25.0	0	4	87	46	7	5.5	402.23	
15	33.2	22.2	27.7	0	3	82	68	8	4.5	434.57	
16	29.8	22.2	26.0	0	4	82	65	7	5.5	402.23	
17	30.5	22.5	26.5	0	2	86	74	4	8.5	305.18	
18	27.2	19.4	23.3	20.5	4	86	65	7	5.5	402.23	
19	30.2	21.8	26.0	0	2	90	83	2.3	10.2	250.19	
20	26.5	22.8	24.7	4	3	90	82	0	12.5	175.80	
Avg.	29.3	20.8	25.0		3.3	87.4	68.1	5.7	6.8	359.85	
21	25.5	22.5	24.0	0	3	90	79	3.3	9.2	282.54	
22	30.4	22.2	26.3	0	3	90	79	4.3	8.2	314.89	
23	29.5	22.8	26.2	0	3	91	72	7	5.5	402.23	
24	30.2	23.9	27.1	0	2	82	69	7.3	5.2	411.93	
25	31.2	22.5	26.9	1	2	78	80	3.3	9.2	282.54	
26	27.2	19.2	23.2	35.5	1	85	90	0	12.5	175.80	
27	23.5	19.8	21.7	3	1	86	90	3	9.5	272.84	
28	27.5	20.8	24.2	0	1	82	59	6	6.5	369.88	
29	30.5	22.8	26.7	8	2	95	91	2	10.5	240.49	
30	25.2	21.2	23.2	10	2	95	82	0	12.5	175.80	
Avg.	28.1	21.8	24.9		2.0	87.4	79.1	3.6	8.9	292.89	
G. tot	873.9	633.9	753.9	126.3	84	2529	2111	156.7	218.3	10342.71	
Mean	29.1	21.1	25.1	11days	2.8	84.3	70.4	5.2	7.3	344.76	

Day Length: 13.3

R: 938

Time: 9am and 2pm

Month: May

Year: 2018

Date	Max temp	Min temp	Mean temp	Rain fall	Actual Eva Reading	Relative Humidity % °F		Sun Shine hrs/	Cloudy hrs/	Solar Radiation, gm-	Remarks
	°C	°C	°C	mm	mm	9am	2pm	day	day	Cal/Cm2	
1	24.2	18.8	21.5	12.8	3	90	75	6	7.3	382.25	
2	27.2	20.5	23.9	0	3	90	70	2.3	11	262.21	
3	26.2	20.4	23.3	0	2	86	63	7	6.3	414.69	
4	30.8	19.8	25.3	81	2	95	74	5	8.3	349.81	
5	26.4	20.2	23.3	0	4	82	72	3.3	10	294.65	
6	28.2	23.5	25.9	0	2	91	76	2.3	11	262.21	
7	29.8	22.8	26.3	8	2	95	83	0	13.3	187.60	
8	26.2	13.2	19.7	1	2	90	78	1	12.3	220.04	
9	27.5	20.2	23.9	9.1	4	95	67	5	8.3	349.81	
10	29.2	20.2	24.7	0		86	67	3	10.3	284.92	
Avg.	27.6	20.0	23.8		2.7	90	72.5	3.5	9.8	300.82	
11	27.2	19.7	23.5	31	6	90	70	4	9.3	317.36	
12	27.2	22.3	24.8	0	6	79	80	8	5.3	447.13	
13	30.2	23.2	26.7	0	5	74	60	7	6.3	414.69	
14	31.2	23.2	27.2	0	3	95	64	6	7.3	382.25	
15	29.8	22.2	26.0	0	2	76	90	7	6.3	414.69	
16	29.5	20.5	25.0	12	4	90	71	4	9.3	317.36	
17	27.2	21.8	24.5	0	3	74	63	8.3	5	349.81	
18	30.6	23.2	26.9	0	7	76	63	8.3	5	349.81	
19	32.4	24.5	28.5	0	6	76	63	6.3	7	391.98	
20	31.5	24.8	28.2	0	6	83	63	9	4.3	479.57	
Avg.	29.7	22.5	26.1		4.8	81.3	68.7	6.8	6.5	386.47	
21	32.6	25.2	28.9	0	6	79	64	7.3	6	424.42	
22	34.5	24.3	29.4	0	6	83	73	7	6.3	414.69	
23	31.4	25.8	28.6	0	4	87	72	4	9.3	317.36	
24	30.8	25.3	28.1	0	2	87	70	3.3	10	294.65	
25	31.5	21.9	26.7	11.4	2	95	79	1	12.3	220.04	
26	30.2	22.8	26.5	10.5	2	95	83	1	12.3	220.04	
27	29.2	24.3	26.8	1	2	95	83	2	11.3	252.48	
28	30.2	20.2	25.2	79	3	82	76	3	10.3	284.92	
29	30.5	22.2	26.4	18	5	74	63	7.3	6	424.42	
30	30.8	24.8	27.8	0	5	79	60	7	6.3	391.98	
31	33.5	25.2	29.4	0	3	91	63	3.3	10	294.65	
Avg.	31.4	23.8	27.6		3.6	86.1	71.5	4.2	9.1	321.79	
G. tot	917.7	687	802.35	274.8	112	2660	2198	149	263.3	10412.49	
Mean	29.6	22.2	25.9	12days	3.7	85.8	70.9	4.8	8.5	335.89	

Day Length: 13.6

R: 953

Time: 9am and 2pm

Month: June

Year: 2018

Date	Max temp	Min temp	Mean temp	Rain fall	Actual Eva Reading	Relative Humidity % °F		Sun Shine hrs/	Cloudy hrs/	Solar Radiation, gm-	Remarks
	°C	°C	°C	mm	mm	9am	2pm	day	day	Cal/Cm2	
1	29.5	24.4	27.0	12	2	95	69	5	8.6	351.76	
2	27.8	24.2	26.0	7.2	2	83	67	6	7.6	384.00	
3	31.4	25.2	28.3	0	4	91	69	5	8.6	351.76	
4	31.2	25.8	28.5	5.3	6	83	58	6.3	7.3	393.67	
5	33.2	25.2	29.2	0	5	83	62	6	7.6	384.00	
6	34.5	27.2	30.9	0	4	84	83	5.3	8.3	361.43	
7	32.2	22.5	27.4	0	2	84	74	0.3	13.3	200.27	
8	30.5	24.8	27.7	30	2	96	80	3	10.6	287.30	
9	31.2	26.2	28.7	0	4	77	65	9	4.6	474.44	
10	34.2	28.2	31.2	0	3	77	68	4	9.6	319.53	
Avg.	31.6	25.4	28.5		3.4	85.3	69.5	5.0	8.6	350.82	
11	34.5	25.4	30.0	16	5	87	73	6	7.6	384.00	
12	32.3	28.2	30.3	0	2	83	70	3	10.6	287.30	
13	30.5	25.8	28.2	6.5	3	91	73	3	10.6	287.30	
14	31.2	24.5	27.9	11	2	83	74	5	8.6	351.76	
15	32.5	23.2	27.9	36.5	4	87	77	4.3	9.3	329.20	
16	31.2	22.5	26.9	7.6	2	86	83	0	13.6	190.60	
17	30.5	22.5	26.5	20.5	4	90	79	0.3	13.3	200.27	
18	28.5	22.8	25.7	4.2	3	83	76	1.3	12.3	232.50	
19	29.8	23.2	26.5	12.4	4	95	69	5	8.6	351.76	
20	30.3	25.2	27.8	0	5	79	73	2.3	11.3	264.73	
Avg.	31.1	24.3	27.7		3.4	86.4	74.7	3.0	10.6	287.94	
21	31.3	27.2	29.3	0	2	83	67	6.3	7.3	393.67	
22	34.4	21.8	28.1	0	4	83	80	1.3	12.3	232.50	
23	32.3	27.5	29.9	0	4	83	74	2	11.6	255.06	
24	33.3	25.2	29.3	0	3	95	87	1	12.6	222.83	
25	29.5	24.8	27.2	79	2	79	77	1.3	12.3	232.50	
26	31.4	25.2	28.3	60.4	3	95	87	3.3	10.3	296.97	
27	30.5	24.8	27.7	0	3	76	67	6.3	7.3	393.67	
28	31.2	25.4	28.3	12	2	76	79	6.3	7.3	393.67	
29	30.5	21.5	26.0	0	5	87	72	4	9.6	319.53	
30	31.8	27.4	29.6	0	6	91	67	5	8.6	351.76	
Avg.	31.6	25.1	28.4		3.4	84.8	75.7	3.7	9.9	309.22	
G. tot	943.2	747.8	845.5	320.6	102	2565	2199	116.9	291.1	9479.74	
Mean	31.4	24.9	28.2	15days	3.4	85.5	73.3	3.9	9.7	315.99	

Day Length: 13.5

R: 943

Time: 9am and 2pm

Month: July

Year: 2018

Date	Max temp	Min temp	Mean temp	Rain fall	Actual Eva Reading	Relative Humidity % °F		Sun Shine hrs/	Cloudy hrs/	Solar Radiation, gm-	Remarks
	°C	°C	°C	mm	mm	9am	2pm	day	day	Cal/Cm2	
1	33.2	28.2	30.7	0	3	87	91	0	13.5	188.60	
2	27.2	24.8	26.0	48.5	2	95	77	1.3	12.2	230.37	
3	31.2	25.4	28.3	11	2	91	91	0	13.5	188.60	
4	27.5	25.8	26.7	12	3	87	76	0	13.5	188.60	
5	30.5	26.2	28.4	0	2	87	70	3	10.5	284.99	
6	31.2	27.5	29.4	0	6	91	77	4.3	9.2	326.76	
7	33.2	27.8	30.5	0	5	87	67	8.3	5.2	455.29	
8	33.2	28.2	30.7	0	7	80	70	7.3	6.2	423.16	
9	32.2	27.5	29.9	0	7	87	70	7.3	6.2	423.16	
10	32.2	27.3	29.8	0	7	79	70	8	5.5	445.65	
Avg.	31.2	26.9	29.0		4.4	87.1	75.9	4.0	9.6	315.52	
11	32.4	28.2	30.3	0	5	87	67	8	5.5	445.65	
12	33.2	28.2	30.7	0	5	76	74	6	7.5	381.39	
13	30.8	28.5	29.7	0	6	87	73	6	7.5	381.39	
14	31.4	27.4	29.4	0	7	73	67	6.3	7.2	391.03	
15	33.2	28.5	30.9	0	5	76	74	7	6.5	413.52	
16	33.2	27.2	30.2	0	6	76	69	6	7.5	381.39	
17	31.8	28.2	30.0	0	7	79	73	5.3	8.2	358.89	
18	31.2	27.5	29.4	0	4	79	67	7	6.5	413.52	
19	33.2	29.5	31.4	0	5	77	62	6.3	7.2	391.03	
20	35.4	31.8	33.6	0	4	74	57	6.3	7.2	391.03	
Avg.	32.6	28.5	30.5		5.4	78.4	68.3	6.4	7.1	394.88	
21	36.8	26.3	31.6	0	5	83	67	6.3	7.2	391.03	
22	32.2	25.6	28.9	0	3	91	79	5	8.5	349.25	
23	30.8	26.4	28.6	0	3	79	83	2.3	11.2	262.50	
24	30.5	26.5	28.5	0	2	91	91	0	13.5	188.60	
25	29.2	25.8	27.5	14.3	2	87	93	2	11.5	252.86	
26	30.2	26.2	28.2	8	4	83	73	7.3	6.2	423.16	
27	30.5	26.5	28.5	0	5	83	73	6	7.5	381.39	
28	31.2	25.5	28.4	1	2	91	79	1.3	12.2	230.37	
29	30.2	25.4	27.8	23	2	87	91	1.3	12.2	230.37	
30	30.2	26.2	28.2	7	2	91	80	1	12.5	220.73	
31	30.2	26.2	28.2	30	2	91	87	1	12.5	220.73	
Avg.	31.1	26.1	28.6		2.9	87.0	81.5	3.0	10.5	286.45	
G. tot	979.4	840.3	909.85	154.8	130	2612	2338	137.2	281.3	10255.01	
Mean	31.6	27.1	29.4	9 days	4.2	84.3	75.4	4.4	9.1	330.81	

Day Length: 12.9

R: 919

Time: 9am and 2pm

Month: August Year: 2018

Date	Max temp	Min temp	Mean temp	Rain fall	Actual Eva Reading	Relative Humidity % °F		Sun Shine hrs/	Cloudy hrs/	Solar Radiation, gm-	Remarks
	°C	°C	°C	mm	mm	9am	2pm	day	day	Cal/Cm2	
1	29.8	26.2	28.0	22	2	83	67	6	6.9	380.42	
2	31.2	25.4	28.3	13.0	2	95	95	1	11.9	216.57	
3	28.3	25.2	26.8	91	3	87	76	7.3	5.6	423.02	
4	30.3	26.4	28.4	0	5	87	77	7.3	5.6	423.02	
5	31.2	26.8	29.0	0	5	79	71	6.3	6.6	390.25	
6	32.8	27.2	30.0	0	4	87	74	6.3	6.6	390.25	
7	32.5	27.5	30.0	0	6	83	70	9	3.9	478.73	
8	32.3	27.4	29.9	0	5	76	69	9.3	3.6	488.56	
9	30.5	28.2	29.4	0	4	79	63	7	5.9	413.19	
10	32.5	28.8	30.7	0	5	84	74	7	5.9	413.19	
Avg.	31.1	26.9	29.0		4.1	84	73.6	6.7	6.3	401.72	
11	32.2	27.5	29.9	0	3	80	91	1	11.9	216.57	
12	32.3	26.2	29.3	15.5	3	96	88	1	11.9	216.57	
13	32.3	27.2	29.8	16.5	5	91	70	5	7.9	347.65	
14	32.5	27.5	30.0	0	4	83	70	6	6.9	380.42	
15	33.2	27.8	30.5	0	2	83	73	2	10.9	249.34	
16	32.2	25.8	29.0	1.5	2	95	80	2	10.9	249.34	
17	30.5	27.2	28.9	0	4	77	67	8.3	4.6	455.79	
18	33.5	29.2	31.4	0	4	77	65	9.3	3.6	488.56	
19	34.5	29.5	32.0	0	5	74	65	4.3	8.6	324.71	
20	34.2	27.2	30.7	2.8	2	91	84	3	9.9	282.11	
Avg.	32.7	27.5	30.1		3.4	84.7	75.3	4.2	8.7	321.11	
21	30.8	26.2	28.5	36.2	6	83	74	6.3	6.6	390.25	
22	31.2	27.2	29.2	0	7	83	74	7	5.9	413.19	
23	31.8	27.6	29.7	0	2	84	77	6	6.9	380.42	
24	31.9	24.6	28.3	15	2	95	83	2	10.9	249.34	
25	28.2	25.8	27.0	0	2	84	70	8.3	4.6	455.79	
26	31.5	25.8	28.7	27.9	3	91	77	7	5.9	413.19	
27	31.2	27.4	29.3	0	6	83	73	7	5.9	413.19	
28	31.5	27.2	29.4	0	3	87	73	7	5.9	413.19	
29	31.2	27.2	29.2	0	3	91	74	6	6.9	380.42	
30	31.2	27.2	29.2	0	4	87	74	7	5.9	413.19	
31	32.2	27.5	29.9	0	4	83	77	7	5.9	413.19	
Avg.	31.2	26.7	28.9		3.8	86.5	75.1	6.4	6.5	394.12	
G. tot	981.5	837.9	909.7	241.4	117	2638	2315	179	220.9	11563.62	
Mean	31.7	27.0	29.3	10 days	3.8	85.1	74.7	5.8	7.1	373.02	

Day Length: 12.2

R: 801

Time: 9am and 2pm

Month: September

Year: 2018

Date	Max temp	Min temp	Mean temp	Rain fall	Actual Eva Reading	Relative Humidity % °F		Sun Shine hrs/	Cloudy hrs/	Solar Radiation, gm-	Remarks
	°C	°C	°C	mm	mm	9am	2pm	day	day	Cal/Cm2	
1	32.5	25.4	29.0	0	4	83	77	6	6.2	341.40	
2	32.2	26.3	29.3	1.8	5	87	77	6	6.2	341.40	
3	31.2	26.2	28.7	0	2	87	77	2.3	9.9	229.66	
4	31.2	26.2	28.7	0	4	91	77	6	6.2	341.40	
5	32.2	26.2	29.2	0	3	84	77	6.3	5.9	350.47	
6	32.5	27.3	29.9	0	3	84	73	9	3.2	432.01	
7	30.5	25.8	28.2	0	6	79	73	8	4.2	401.81	
8	31.2	25.5	28.4	0	4	83	84	4.3	7.9	290.06	
9	30.5	26.2	28.4	4	2	91	77	2.3	9.9	229.66	
10	30.5	27.2	28.9	0	2	87	91	0	12.2	160.20	
Avg.	31.5	26.2	28.8		3.5	85.6	78.3	5.0	7.2	311.81	
11	27.5	24.2	25.9	10	2	95	84	2	10.2	220.60	
12	30.3	25.2	27.8	11	2	96	91	0	12.2	160.20	
13	29.2	24.4	26.8	40	2	95	91	0	12.2	160.20	
14	27.5	24.2	25.9	106	3	95	80	1.3	10.9	199.46	
15	29.2	24.8	27.0	3	2	95	80	6	6.2	341.40	
16	29.8	25.2	27.5	0	4	83	67	8.3	3.9	410.87	
17	33.5	27.2	30.4	0	4	79	61	8.3	3.9	410.87	
18	33.8	27.3	30.6	0	5	76	65	6.3	5.9	350.47	
19	34.2	26.8	30.5	0	2	79	71	6.3	5.9	350.47	
20	33.5	24.4	29.0	24	4	95	83	2.3	9.9	229.66	
Avg.	30.9	25.4	28.1		3.0	88.8	77.3	4.1	8.1	283.42	
21	29.2	24.2	26.7	0	2	79	66	8	4.2	401.81	
22	30.5	25.4	28.0	4	4	79	69	9	3.2	432.01	
23	31.5	25.5	28.5	0	5	83	70	8.3	3.9	410.87	
24	31.5	25.5	28.5	0	3	83	67	3.3	8.9	259.86	
25	32.2	26.2	29.2	0	3	87	74	0	12.2	160.20	
26	32.3	26.5	29.4	0	2	87	77	4.3	7.9	290.06	
27	32.5	25.2	28.9	0	3	87	67	6.3	5.9	350.47	
28	32.2	27.5	29.9	0	3	87	70	7	5.2	371.61	
29	33.4	25.4	29.4	0	4	87	67	7.3	4.9	380.67	
30	33.6	26.2	29.9	0	3	83	67	7.3	4.9	380.67	
Avg.	31.9	25.8	28.8		3.2	84.2	69.4	6.1	6.1	343.82	
G. tot	941.9	773.6	857.75	203.8	97	2586	2250	151.8	214.2	9390.5	
Mean	31.4	25.8	28.6	9 days	3.2	86.2	75.0	5.1	7.1	313.02	

Day Length: 11.5

R: 716

Time: 9am and 2pm

Month: October

Year: 2018

Date	Max temp	Min temp	Mean temp	Rain fall	Actual Eva Reading	Relative Humidity % °F		Sun Shine hrs/	Cloudy hrs/	Solar Radiation, gm-	Remarks
	°C	°C	°C	mm	mm	9am	2pm	day	day	Cal/Cm2	
1	33.2	25.2	29.2	0	4	75	63	7.3	4.2	352.27	
2	33.2	24.5	28.9	0	3	76	58	7	4.5	343.67	
3	33.4	23.5	28.5	0	4	91	73	7	4.5	343.67	
4	30.8	23.8	27.3	0	3	83	69	8	3.5	372.31	
5	30.2	23.5	26.9	0	4	87	63	7.3	4.2	352.27	
6	32.5	23.6	28.1	0	3	87	69	5.3	6.2	294.91	
7	31.2	23.6	27.4	0	3	87	66	6.3	5.2	323.63	
8	31.2	23.2	27.2	0	2	87	67	7	4.5	343.67	
9	31.2	22.5	26.9	0	4	86	72	6.3	5.2	323.63	
10	30.3	22.2	26.3	0	2	91	76	2.3	9.2	209.07	
Avg.	31.7	23.6	27.6		3.2	85	67.6	6.4	5.1	325.91	
11	29.3	23.2	26.3	0	2	95	86	0	11.5	143.20	
12	25.5	20.8	23.2	23.4	3	90	91	0	11.5	143.20	
13	24.2	22.8	23.5	1	2	95	82	3	8.5	229.11	
14	27.2	20.5	23.9	0	2	95	72	7.3	4.2	352.27	
15	30.4	22.5	26.5	0	3	86	62	6.3	5.2	323.63	
16	30.2	19.2	24.7	0	3	95	57	7	4.5	343.67	
17	29.8	20.2	25.0	0	2	91	61	6.3	5.2	323.63	
18	29.2	21.5	25.4	0	2	86	72	5	6.5	286.39	
19	29.2	21.2	25.2	0	2	90	69	5.3	6.2	294.91	
20	30.5	22.2	26.4	0	2	95	72	3.3	8.2	237.71	
Avg.	28.6	21.4	25.0		2.3	91.8	72.4	4.4	7.2	267.77	
21	29.5	21.5	25.5	0	2	86	66	6.3	5.2	323.63	
22	30.4	20.8	25.6	0	3	86	62	7	4.5	343.67	
23	30.2	20.5	25.4	0	3	86	63	7	4.5	343.67	
24	31.2	20.2	25.7	0	2	82	72	6	5.5	315.03	
25	30.2	19.5	24.9	0	3	90	61	7	4.5	343.67	
26	30.2	19.5	24.9	0	4	82	64	8	3.5	372.31	
27	30.2	19.5	24.9	0	2	77	62	7	4.5	343.67	
28	30.2	20.2	25.2	0	3	86	74	6	5.5	315.03	
29	27.2	19.2	23.2	0	4	81	64	8.3	3.2	380.91	
30	27.5	20.2	23.9	0	2	82	62	8.3	3.2	380.91	
31	29.6	19.2	24.4	13	3	81	68	8.3	3.2	380.91	
Avg.	29.7	20.0	24.9		2.8	83.5	65.3	7.2	4.3	349.40	
G. tot	929.1	670	799.55	37.4	86	2687	2118	186.5	170	9780.23	
Mean	30.0	21.6	25.8	3 days	2.8	86.7	68.3	6.0	5.5	315.49	

Day Length: 10.9

R: 598

Time: 9am and 2pm

Month: November

Year: 2018

Date	Max temp	Min temp	Mean temp	Rain fall	Actual Eva Reading	Relative Humidity % °F		Sun Shine hrs/	Cloudy hrs/	Solar Radiation, gm-	Remarks
	°C	°C	°C	mm	mm	9am	2pm	day	day	Cal/Cm2	
1	27.2	19.2	23.2	0	2	81	65	8.3	2.6	329.06	
2	30.5	18.8	24.7	0	3	78	58	7	3.9	296.25	
3	31.2	19.2	25.2	0	3	78	58	7	3.9	296.25	
4	30.5	20.2	25.4	0	2	91	58	6	4.9	271.02	
5	30.5	19.8	25.2	0	2	90	58	6	4.9	271.02	
6	30.2	20.8	25.5	0	3	95	41	6	4.9	271.02	
7	29.8	15.2	22.5	0	2	79	70	6.3	4.6	278.59	
8	27.2	18.2	22.7	0	2	90	66	7.3	3.6	303.82	
9	26.5	16.8	21.7	0	2	74	64	7.3	3.6	303.82	
10	27.2	17.2	22.2	0	3	84	56	7.3	3.6	303.82	
Avg.	29.1	18.5	23.8		2.4	84	59.4	6.9	4.1	292.47	
11	27.4	15.5	21.5	0	3	71	56	8.3	2.6	329.06	
12	27.2	16.2	21.7	0	2	80	49	6.3	4.6	278.59	
13	27.5	15.2	21.4	0	2	80	51	7	3.9	329.06	
14	29.2	15.5	22.4	0	2	85	56	5.3	5.6	253.35	
15	29.2	16.5	22.9	0	2	90	71	2	8.9	170.07	
16	26.8	19.2	23.0	0	2	90	46	6.3	4.6	278.59	
17	27.5	19.2	23.4	0	3	75	36	7	3.9	296.25	
18	27.2	12.4	19.8	0	2	83	54	7	3.9	296.25	
19	25.5	13.2	19.4	0	2	88	58	6.3	4.6	278.59	
20	26.3	13.2	19.8	0	2	95	58	5.3	5.6	253.35	
Avg.	27.4	15.6	21.5		2.2	83.7	53.5	6.1	4.8	276.32	
21	26.5	13.8	20.2	0	2	89	58	5.3	5.6	253.35	
22	26.4	13.2	19.8	0	3	89	52	6.3	4.6	278.59	
23	26.6	13.5	20.1	0	2	89	59	7	3.9	296.25	
24	27.2	13.8	20.5	0	2	84	46	7	3.9	296.25	
25	27.4	13.5	20.5	0	2	75	49	8.3	2.6	329.06	
26	27.2	15.2	21.2	0	2	75	46	7.3	3.6	303.82	
27	27.3	14.2	20.8	0	2	80	52	7.3	3.6	303.82	
28	27.3	13.2	20.3	0	2	80	49	7	3.9	296.25	
29	27.4	13.2	20.3	0	2	84	48	6.3	4.6	278.59	
30	27.2	12.8	20.0	0	2	94	52	6.3	4.6	278.59	
Avg.	27.1	13.6	20.3		2.1	83.9	51.1	6.8	4.1	291.46	
G. tot	835	478	657	0	67	2516	1640	197.4	129.6	8602.4	
Mean	27.8	15.9	21.9	No rain	2.2	83.9	54.7	6.6	4.3	286.75	

Day Length: 10.6

R: 542

Time: 9am and 2pm

Month: December

Year: 2018

Date	Max temp	Min temp	Mean temp	Rain fall	Actual Eva Reading	Relative Humidity % °F		Sun Shine hrs/	Cloudy hrs/	Solar Radiation, gm-	Remarks
	°C	°C	°C	mm	mm	9am	2pm	day	day	Cal/Cm2	
1	26.2	13.5	19.9	0	1	79	50	7	3.6	273.04	
2	25.5	12.5	19.0	0	2	79	52	6	4.6	249.52	
3	27.3	13.2	20.3	0	2	84	58	5	5.6	226.00	
4	26.3	13.2	19.8	0	2	79	50	6	4.6	249.52	
5	25.3	13.2	19.3	0	2	88	57	4.3	6.3	209.53	
6	24.8	13.2	19.0	0	2	89	50	6	4.6	249.52	
7	25.5	11.8	18.7	0	2	83	57	5	5.6	226.00	
8	23.6	12.2	17.9	0	3	77	58	7	3.6	273.04	
9	24.3	11.5	17.9	0	3	78	47	7	3.6	273.04	
10	26.3	11.5	18.9	0	3	72	53	8	2.6	296.56	
Avg.	25.5	12.6	19.0		2.2	80.8	53.2	6.1	4.5	252.58	
11	24.3	13.2	18.8	0	2	68	50	7.3	3.3	280.10	
12	26.2	13.2	19.7	0	2	63	58	7.3	3.3	280.10	
13	25.2	12.5	18.9	0	3	68	53	7.3	3.3	280.10	
14	23.5	11.5	17.5	0	2	73	43	7	3.6	273.04	
15	24.8	12.2	18.5	0	2	77	47	5.3	5.3	233.06	
16	26.2	13.2	19.7	0	1	82	56	4	6.6	202.48	
17	24.2	16.2	20.2	0	1	78	79	0	10.6	108.40	
18	21.2	16.2	18.7	6	1	94	88	0	10.6	108.40	
19	16.5	11.5	14.0	3.7	1	94	70	6	4.6	249.52	
20	20.2	10.5	15.4	0	2	94	60	5	5.6	226.00	
Avg.	23.2	13.0	18.1		1.7	79.1	60.4	4.9	5.7	224.12	
21	22.5	12.5	17.5	0	1	94	63	5	5.6	226.00	
22	23.2	11.2	17.2	0	2	94	60	7	3.6	273.04	
23	23.5	12.3	17.9	0	2	88	56	7	3.6	273.04	
24	23.5	11.2	17.4	0	1	88	49	6	4.6	249.52	
25	24.2	10.5	17.4	0	2	87	56	5.3	5.3	233.06	
26	23.5	9.2	16.4	0	1	87	54	5.3	5.3	233.06	
27	23.5	9.4	16.5	0	2	87	48	5	5.6	226.00	
28	23.2	7.5	15.4	0	2	86	40	5.3	5.3	233.06	
29	20.5	5.5	13.0	0	1	93	54	7.3	3.3	280.10	
30	22.8	6.5	14.7	0	2	77	54	7.3	3.3	280.10	
31	23.2	6.8	15.0	0	2	72	48	7.3	3.3	280.10	
Avg.	23.1	9.3	16.2		1.6	86.6	52.9	6.2	4.4	253.37	
G. tot	741	359	550	9.7	57	2552	1718	178.3	150.3	7554.05	
Mean	23.9	11.6	17.7	2 Days	1.8	82.3	55.4	5.8	4.8	243.68	

Source: Plant Physiology Division BRRl