State University of New York College of Agriculture and Technology at Morrisville
Monthly Climatological Summary for January 2022

Station Location: Academic Quad

Summarized By Dr. Walid H. Shayya, School of Agriculture, Business, and Technology

Elevation (ft): 1330 **Latitude: 42°53'46"N** **Longitude: 75°38'26"W** **City: Morrisville** **State: New York**

Day	Temperature (°F)					Heat	Cool	Rain	Wind Speed (mph)			Dominant	Growing Degree	Cumulative
	Mean	High	Time of High	Low	Time of Low	Degree	Degree	(inches)	Average	High	Time of High	Wind Dir.	Days (GDD)	GDD
1	45.4	52.2	3:25p	32.0	12:05a	19.6	0.0	0.21	1.8	12.0	11:45p	SSE	0.0	0.0
2	27.7	40.0	12:05a	19.5	12:00m	37.3	0.0	0.05	4.2	16.0	5:40p	NW	0.0	0.0
3	14.4	19.5	12:05a	11.3	9:40p	50.6	0.0	0.00	3.1	15.0	3:35p	NW	0.0	0.0
4	23.0	33.4	3:40p	10.5	1:20a	42.0	0.0	0.00	2.8	18.0	11:25p	SSW	0.0	0.0
5	33.1	39.0	3:00p	27.9	12:05a	31.9	0.0	0.00	5.3	26.0	7:05a	SSW	0.0	0.0
6	26.7	33.3	12:05a	24.4	11:30p	38.3	0.0	0.00	3.8	26.0	4:55a	W	0.0	0.0
7	20.4	24.6	12:00p	11.7	11:05p	44.6	0.0	0.00	4.9	26.0	5:25p	W	0.0	0.0
8	17.4	25.8	11:35p	8.4	8:25a	47.6	0.0	0.03	3.4	22.0	11:05p	SSE	0.0	0.0
9	30.7	36.1	6:25p	23.9	12:00m	34.3	0.0	0.05	8.1	30.0	7:15p	SSW	0.0	0.0
10	17.7	23.9	12:05a	10.8	11:55p	47.3	0.0	0.00	9.0	29.0	10:55a	WSW	0.0	0.0
11	4.3	11.9	11:55p	-2.3	9:15a	60.7	0.0	0.00	4.2	25.0	3:10a	NW	0.0	0.0
12	24.1	34.4	9:15p	11.8	12:05a	40.9	0.0	0.00	4.6	22.0	3:10a	SSW	0.0	0.0
13	34.0	37.8	4:00p	30.5	2:10a	31.0	0.0	0.01	0.6	10.0	1:50p	SSE	0.0	0.0
14	21.3	35.0	12:05a	-0.5	12:00m	43.7	0.0	0.01	6.0	21.0	6:00p	NNW	0.0	0.0
15	-2.7	4.2	3:50p	-7.9	7:40a	67.7	0.0	0.00	3.4	14.0	12:35a	NW	0.0	0.0
16	10.7	27.2	2:20p	-8.4	4:15a	54.3	0.0	0.00	2.6	21.0	2:55p	S	0.0	0.0
17	27.0	35.1	1:10p	21.7	11:50p	38.0	0.0	0.08	6.0	33.0	3:15p	ESE	0.0	0.0
18	17.4	21.7	12:05a	4.1	11:50p	47.6	0.0	0.00	6.1	34.0	9:25a	NW	0.0	0.0
19	31.7	41.5	4:05p	4.3	12:05a	33.3	0.0	0.21	6.8	26.0	10:10a	SSW	0.0	0.0
20	16.3	32.1	12:05a	7.4	12:00m	48.7	0.0	0.00	6.2	23.0	11:00a	NW	0.0	0.0
21	3.7	12.2	3:20p	-8.2	12:00m	61.3	0.0	0.00	1.0	9.0	2:40p	NNW	0.0	0.0
22	6.1	23.8	3:15p	-15.4	6:10a	58.9	0.0	0.00	2.2	21.0	8:50p	SSW	0.0	0.0
23	20.2	27.0	1:00p	15.5	11:30p	44.8	0.0	0.00	2.7	18.0	1:50p	NNW	0.0	0.0
24	16.4	21.1	11:55p	10.7	7:45a	48.6	0.0	0.00	2.1	13.0	3:10a	SSE	0.0	0.0
25	22.1	28.3	12:55p	12.4	12:00m	42.9	0.0	0.01	3.5	20.0	2:05p	WNW	0.0	0.0
26	7.0	16.4	2:55p	-5.6	12:00m	58.0	0.0	0.00	1.7	14.0	1:20a	NW	0.0	0.0
27	11.7	27.6	4:05p	-10.0	6:50a	53.3	0.0	0.00	4.0	21.0	10:20a	SSW	0.0	0.0
28	20.1	26.0	5:20a	7.3	11:50p	44.9	0.0	0.00	3.4	13.0	1:35p	NW	0.0	0.0
29	4.7	8.3	3:05p	1.2	6:30a	60.3	0.0	0.01	6.0	25.0	3:45p	NW	0.0	0.0
30	6.9	19.2	1:45p	-7.2	8:10a	58.1	0.0	0.00	1.6	13.0	10:20a	WNW	0.0	0.0
31	15.4	30.3	1:40p	2.6	8:00a	49.6	0.0	0.00	0.6	11.0	2:15p	SW	0.0	0.0
Parameter	**M. Mean**	**M. High**	**Day**	**M. Low**	**Day**	**Sum**	**Sum**	**Sum**	**M. Mean**	**M. High**	**Day**	**Month**	**Month**	**M. High**
Value	18.5	52.2	1	-15.4	22	1440.1	0	0.67	3.9	34.0	18	NW	0.0	0.0

Days with Maximum Temperature in Excess of 90°F: 0 Base Temperature for GDD (°F): 50

Days with Maximum Temperature Less Than 32°F: 19 M.: Monthly

Days with Minimum Temperature Less Than 32°F: 31

Days with Minimum Temperature Less Than 0°F: 9

Maximum Rain (inches): 0.21 on 1/1/2022

Days of Rain: 6 (>0.01 inches) 2 (>0.1 inches) 0 (>1 inch)

Heat Degree Base Temperature (°F): 65 Cold Degree Base Temperature (°F): 65 Method: Integration

State University of New York College of Agriculture and Technology at Morrisville
Monthly Climatological Summary for February 2022

Station Location: Academic Quad

Summarized By Dr. Walid H. Shayya, School of Agriculture, Business, and Technology

Elevation (ft): 1330 **Latitude: 42°53'46"N** **Longitude: 75°38'26"W** **City: Morrisville** **State: New York**

Day	Temperature (°F)					Heat	Cool	Rain	Wind Speed (mph)			Dominant	Growing Degree	Cumulative
	Mean	High	Time of High	Low	Time of Low	Degree	Degree	(inches)	Average	High	Time of High	Wind Dir.	Days (GDD)	GDD
1	20.2	34.6	3:20p	1.0	8:10a	44.8	0.0	0.00	4.3	27.0	10:15p	SSE	0.0	0.0
2	34.9	41.8	2:05p	27.8	1:40a	30.1	0.0	0.02	6.2	27.0	3:10a	SSW	0.0	0.0
3	32.5	38.4	12:05a	21.7	11:50p	32.5	0.0	0.29	3.5	17.0	12:55a	NNW	0.0	0.0
4	16.5	21.7	12:05a	10.6	11:05p	48.5	0.0	0.00	4.3	16.0	7:10p	NW	0.0	0.0
5	9.5	14.0	2:30p	-2.5	11:45p	55.5	0.0	0.00	3.7	23.0	11:50a	NW	0.0	0.0
6	13.8	29.2	3:45p	-6.0	2:55a	51.2	0.0	0.09	3.3	22.0	12:35p	SSE	0.0	0.0
7	28.6	39.4	2:15p	20.4	3:25a	36.4	0.0	0.15	2.9	15.0	12:15a	SSE	0.0	0.0
8	27.4	32.9	1:25p	20.7	12:00m	37.6	0.0	0.01	3.3	19.0	2:35p	W	0.0	0.0
9	30.3	45.8	4:10p	9.4	5:20a	34.7	0.0	0.12	2.9	19.0	12:05p	SSW	0.0	0.0
10	36.8	41.5	1:55p	32.6	12:00m	28.2	0.0	0.02	4.4	25.0	2:10p	WSW	0.0	0.0
11	38.4	47.7	8:50p	23.9	6:05a	26.6	0.0	0.00	4.2	25.0	10:20a	SSW	0.0	0.0
12	35.3	46.8	1:00a	19.6	12:00m	29.7	0.0	0.03	6.2	29.0	12:05p	SW	0.0	0.0
13	15.4	19.7	12:05a	7.7	11:50p	49.6	0.0	0.00	2.8	14.0	2:45p	NW	0.0	0.0
14	6.9	12.8	3:05p	0.2	5:25a	58.1	0.0	0.00	3.9	22.0	1:00p	NW	0.0	0.0
15	13.2	24.4	1:05p	0.6	6:40a	51.8	0.0	0.00	2.3	21.0	10:45a	W	0.0	0.0
16	31.2	42.1	12:00m	7.3	12:05a	33.8	0.0	0.00	7.7	28.0	12:40p	SSW	0.0	0.0
17	47.6	53.2	11:45p	42.0	12:05a	17.4	0.0	0.67	7.9	28.0	6:50a	SSW	0.0	0.0
18	22.5	54.4	2:05a	11.1	11:15p	42.5	0.0	0.14	6.6	31.0	12:45a	NW	0.0	0.0
19	19.6	28.7	10:35a	12.0	12:05a	45.4	0.0	0.00	9.0	42.0	12:35p	SSW	0.0	0.0
20	23.8	37.1	4:20p	8.9	6:50a	41.2	0.0	0.00	5.2	24.0	2:30p	SSW	0.0	0.0
21	40.5	55.8	3:35p	30.8	6:55a	24.5	0.0	0.01	2.7	18.0	12:40a	SSW	0.0	0.0
22	47.9	57.3	12:10p	35.8	2:00a	17.1	0.0	0.35	4.8	26.0	8:25p	SSE	0.0	0.0
23	35.8	55.6	1:25a	17.7	11:45p	29.2	0.0	0.01	6.8	27.0	5:00p	NW	0.0	0.0
24	18.8	27.6	3:25p	10.3	7:15a	46.2	0.0	0.00	2.6	15.0	12:15a	NW	0.0	0.0
25	19.9	33.5	12:20p	11.6	10:45p	45.1	0.0	0.01	5.0	31.0	12:45p	ESE	0.0	0.0
26	20.5	26.8	1:55p	11.9	12:05a	44.5	0.0	0.08	4.1	22.0	2:40p	WSW	0.0	0.0
27	25.5	31.7	2:15p	18.9	11:55p	39.5	0.0	0.01	7.2	29.0	2:40p	WSW	0.0	0.0
28	14.5	22.7	3:30p	6.2	7:15a	50.5	0.0	0.00	3.3	16.0	1:20a	NW	0.0	0.0
Parameter	**M. Mean**	**M. High**	**Day**	**M. Low**	**Day**	**Sum**	**Sum**	**Sum**	**M. Mean**	**M. High**	**Day**	**Month**	**Month**	**M. High**
Value	26.0	57.3	22	-6.0	6	1092.2	0	2.01	4.7	42.0	19	SSW	0.0	0.0

Days with Maximum Temperature in Excess of 90°F: 0 Base Temperature for GDD (°F): 50
Days with Maximum Temperature Less Than 32°F: 11 M.: Monthly
Days with Minimum Temperature Less Than 32°F: 25
Days with Minimum Temperature Less Than 0°F: 2
Maximum Rain (inches): 0.67 on 2/17/2022
Days of Rain: 11 (>0.01 inches) 6 (>0.1 inches) 0 (>1 inch)
Heat Degree Base Temperature (°F): 65 Cold Degree Base Temperature (°F): 65 Method: Integration

State University of New York College of Agriculture and Technology at Morrisville
Monthly Climatological Summary for March 2022

Station Location: Academic Quad

Summarized By Dr. Walid H. Shayya, School of Agriculture, Business, and Technology

Elevation (ft): 1330 **Latitude: 42°53'46"N** **Longitude: 75°38'26"W** **City: Morrisville** **State: New York**

Day	Temperature (°F)					Heat	Cool	Rain	Wind Speed (mph)			Dominant	Growing Degree	Cumulative
	Mean	High	Time of High	Low	Time of Low	Degree	Degree	(inches)	Average	High	Time of High	Wind Dir.	Days (GDD)	GDD
1	30.9	40.0	2:05p	14.9	12:05a	34.1	0.0	0.09	5.3	26.0	12:25p	SSW	0.0	0.0
2	30.4	36.4	3:05p	26.2	8:25a	34.6	0.0	0.02	2.6	15.0	12:10a	NW	0.0	0.0
3	21.4	30.5	2:10a	12.9	12:00m	43.6	0.0	0.01	6.8	26.0	2:50a	NW	0.0	0.0
4	17.9	29.0	12:55p	5.5	3:20a	47.1	0.0	0.02	1.7	21.0	4:00p	W	0.0	0.0
5	29.0	43.3	3:10p	8.9	3:30a	36.0	0.0	0.00	2.9	21.0	7:40p	S	0.0	0.0
6	51.9	70.0	2:55p	37.9	12:00m	13.8	0.7	0.05	8.5	35.0	2:20p	SSW	1.9	1.9
7	39.5	57.0	5:50p	32.0	10:40p	25.5	0.0	0.92	5.1	44.0	8:10p	SSW	0.0	1.9
8	28.8	34.2	3:50p	23.7	11:50p	36.2	0.0	0.00	6.0	26.0	1:40a	NW	0.0	1.9
9	29.9	34.0	4:45p	23.5	12:55a	35.1	0.0	0.06	0.9	15.0	10:25a	SSE	0.0	1.9
10	30.6	42.9	3:35p	17.1	6:15a	34.4	0.0	0.16	0.8	12.0	11:55a	WNW	0.0	1.9
11	37.9	49.2	4:20p	26.2	2:00a	27.1	0.0	0.03	2.1	17.0	4:55p	SSE	0.0	1.9
12	22.5	35.8	12:05a	14.8	11:35p	42.5	0.0	0.01	8.1	32.0	5:15p	NW	0.0	1.9
13	21.7	28.9	2:40p	14.8	12:05a	41.5	0.0	0.08	6.6	24.0	5:40a	SSW	0.0	1.9
14	37.3	46.7	2:15p	25.1	12:05a	27.7	0.0	0.08	3.4	17.0	2:35p	SSW	0.0	1.9
15	41.5	49.7	2:35p	35.3	7:30a	23.5	0.0	0.08	1.3	9.0	1:15a	NNW	0.0	1.9
16	45.4	60.3	5:10p	35.8	7:25a	19.6	0.0	0.00	1.6	13.0	1:40p	WNW	0.0	1.9
17	50.0	64.5	4:20p	38.0	1:50a	15.0	0.0	0.00	2.2	15.0	2:55p	SSE	0.0	1.9
18	50.7	70.1	2:50p	34.1	7:20a	14.7	0.4	0.00	1.3	14.0	2:55p	SSE	0.7	2.6
19	56.7	67.3	1:20p	49.7	12:25a	8.5	0.2	0.89	3.3	26.0	3:50p	SSE	6.7	9.3
20	41.9	50.2	12:05a	36.5	6:15p	23.1	0.0	0.10	5.3	21.0	6:15p	W	0.0	9.3
21	40.9	48.7	2:00p	33.8	7:10a	24.1	0.0	0.00	6.2	33.0	1:45p	NW	0.0	9.3
22	34.3	43.8	3:10p	26.9	12:00m	30.7	0.0	0.00	4.7	20.0	2:30p	NW	0.0	9.3
23	35.4	45.9	5:00p	23.9	2:30a	29.6	0.0	0.03	3.1	25.0	11:05p	ESE	0.0	9.3
24	45.2	56.1	4:00p	37.2	7:30a	19.8	0.0	0.21	4.5	28.0	12:55a	SSE	0.0	9.3
25	41.8	47.5	12:10p	34.3	7:45a	23.2	0.0	0.25	3.2	19.0	10:55a	WSW	0.0	9.3
26	38.8	44.2	3:00p	35.0	11:05p	26.2	0.0	0.03	2.8	17.0	3:15p	W	0.0	9.3
27	26.9	35.0	12:05a	16.9	12:00m	38.1	0.0	0.03	7.7	25.0	3:40a	W	0.0	9.3
28	15.5	17.4	12:00m	14.1	7:50a	49.5	0.0	0.00	7.3	28.0	11:40a	NW	0.0	9.3
29	22.2	28.3	4:40p	16.7	12:50a	42.8	0.0	0.00	5.5	26.0	3:40p	NW	0.0	9.3
30	29.0	40.5	11:25p	14.7	6:50a	36.0	0.0	0.01	3.1	20.0	9:15p	SSE	0.0	9.3
31	51.0	66.7	2:30p	39.8	12:05a	14.0	0.0	0.61	5.6	28.0	1:50p	SSW	1.0	10.3
Parameter	**M. Mean**	**M. High**	**Day**	**M. Low**	**Day**	**Sum**	**Sum**	**Sum**	**M. Mean**	**M. High**	**Day**	**Month**	**Month**	**M. High**
Value	35.4	70.1	18	5.5	4	917.6	1.3	3.77	4.2	44.0	7	NW	10.3	6.7

Days with Maximum Temperature in Excess of 90°F: 0
Days with Maximum Temperature Less Than 32°F: 5
Days with Minimum Temperature Less Than 32°F: 19
Days with Minimum Temperature Less Than 0°F: 0
Maximum Rain (inches): 0.92 on 3/7/2022
Days of Rain: 19 (>0.01 inches) 6 (>0.1 inches) 0 (>1 inch)
Heat Degree Base Temperature (°F): 65 Cold Degree Base Temperature (°F): 65 Method: Integration

Base Temperature for GDD (°F): 50
M.: Monthly

State University of New York College of Agriculture and Technology at Morrisville
Monthly Climatological Summary for April 2022

Station Location: Academic Quad

Summarized By Dr. Walid H. Shayya, School of Agriculture, Business, and Technology

Elevation (ft): 1330 **Latitude: 42°53'46"N** **Longitude: 75°38'26"W** **City: Morrisville** **State: New York**

Day	Temperature (°F)					Heat	Cool	Rain	Wind Speed (mph)			Dominant	Growing Degree	Cumulative
	Mean	High	Time of High	Low	Time of Low	Degree	Degree	(inches)	Average	High	Time of High	Wind Dir.	Days (GDD)	GDD
1	36.8	43.6	12:05a	30.7	10:25p	28.2	0.0	0.05	6.0	29.0	9:25p	W	0.0	0.0
2	34.8	44.7	4:25p	29.8	2:55a	30.2	0.0	0.04	5.3	25.0	2:55a	NW	0.0	0.0
3	34.0	38.7	2:05p	29.5	3:00a	31.0	0.0	0.20	2.9	19.0	6:45p	NW	0.0	0.0
4	37.1	44.2	4:15p	31.6	11:55p	27.9	0.0	0.03	3.4	16.0	3:40a	NW	0.0	0.0
5	45.5	62.7	3:15p	30.9	12:30a	19.5	0.0	0.00	1.4	14.0	1:55p	SSE	0.0	0.0
6	50.2	58.2	2:40p	42.5	6:05a	14.8	0.0	0.00	3.6	21.0	10:20p	ESE	0.2	0.2
7	46.8	49.8	12:10a	42.3	10:15p	18.2	0.0	1.46	3.8	22.0	7:55a	SSE	0.0	0.2
8	45.6	54.2	4:45p	40.9	10:45p	19.4	0.0	0.03	3.4	17.0	12:40p	W	0.0	0.2
9	40.5	46.5	5:00p	37.1	11:15p	24.5	0.0	0.26	2.2	16.0	12:30p	NW	0.0	0.2
10	35.8	38.9	12:50p	32.7	8:05a	29.2	0.0	0.05	5.9	24.0	2:35p	WNW	0.0	0.2
11	45.7	63.5	4:50p	27.5	7:00a	19.3	0.0	0.02	3.5	21.0	11:15p	SSW	0.0	0.2
12	51.3	59.6	4:15p	39.1	12:00m	13.7	0.0	0.34	4.3	22.0	6:50a	NW	1.3	1.5
13	56.3	76.4	2:40p	35.0	6:30a	11.0	2.3	0.00	3.4	22.0	2:30p	SSW	6.3	7.8
14	59.4	75.9	11:45a	41.8	12:00m	7.1	1.5	0.22	4.1	27.0	2:10p	SSW	9.4	17.2
15	49.3	60.8	1:55p	35.3	5:15a	15.7	0.0	0.00	4.5	38.0	2:15p	SW	0.0	17.2
16	40.1	48.7	12:05a	34.7	11:55p	24.9	0.0	0.30	1.9	16.0	10:50p	NW	0.0	17.2
17	34.0	41.5	5:05p	29.2	12:00m	31.0	0.0	0.02	5.5	24.0	3:45p	NW	0.0	17.2
18	37.9	54.6	2:20p	23.8	6:40a	27.1	0.0	0.10	3.4	30.0	5:30p	SSE	0.0	17.2
19	34.5	38.3	4:30p	33.0	9:25a	30.5	0.0	0.60	4.5	25.0	2:20p	WSW	0.0	17.2
20	38.4	47.0	5:50p	32.1	11:55p	26.6	0.0	0.34	5.6	27.0	2:55a	W	0.0	17.2
21	45.0	51.5	12:40p	30.5	1:20a	20.0	0.0	0.03	5.5	25.0	9:35a	SSW	0.0	17.2
22	46.1	53.7	3:30p	36.2	12:00m	18.9	0.0	0.06	4.6	20.0	5:15a	NW	0.0	17.2
23	43.6	57.3	1:25p	30.4	6:40a	21.4	0.0	0.09	1.0	10.0	10:15a	SSE	0.0	17.2
24	59.8	78.9	5:15p	43.7	6:40a	8.6	3.4	0.00	3.4	16.0	9:10a	SSE	9.8	27.0
25	60.7	72.8	4:25p	50.1	6:05a	5.8	1.5	0.00	5.8	24.0	5:50p	SSE	10.7	37.7
26	49.9	56.6	12:05a	42.7	11:20p	15.1	0.0	0.02	3.2	18.0	12:20a	SSW	0.0	37.7
27	37.0	42.9	12:05a	32.7	10:20p	28.0	0.0	0.01	8.3	27.0	1:20p	W	0.0	37.7
28	37.7	43.7	5:40p	31.6	6:50a	27.3	0.0	0.00	8.6	31.0	4:35p	NW	0.0	37.7
29	41.2	49.9	4:55p	33.2	6:40a	23.8	0.0	0.00	6.6	27.0	12:40p	NW	0.0	37.7
30	43.9	57.7	4:00p	28.8	6:15a	21.1	0.0	0.00	2.6	19.0	11:55a	NW	0.0	37.7
Parameter	**M. Mean**	**M. High**	**Day**	**M. Low**	**Day**	**Sum**	**Sum**	**Sum**	**M. Mean**	**M. High**	**Day**	**Month**	**Month**	**M. High**
Value	44.0	78.9	24	23.8	18	639.8	8.7	4.27	4.3	38.0	15	NW	37.7	10.7

Days with Maximum Temperature in Excess of 90°F: 0 Base Temperature for GDD (°F): 50
Days with Maximum Temperature Less Than 32°F: 0 M.: Monthly
Days with Minimum Temperature Less Than 32°F: 12
Days with Minimum Temperature Less Than 0°F: 0
Maximum Rain (inches): 1.46 on 4/7/2022
Days of Rain: 20 (>0.01 inches) 8 (>0.1 inches) 1 (>1 inch)
Heat Degree Base Temperature (°F): 65 Cold Degree Base Temperature (°F): 65 Method: Integration

State University of New York College of Agriculture and Technology at Morrisville
Monthly Climatological Summary for May 2022

Station Location: Academic Quad

Summarized By Dr. Walid H. Shayya, School of Agriculture, Business, and Technology

Elevation (ft): 1330 **Latitude: 42°53'46"N** **Longitude: 75°38'26"W** **City: Morrisville** **State: New York**

Day	Temperature (°F)					Heat	Cool	Rain	Wind Speed (mph)			Dominant	Growing Degree	Cumulative
	Mean	High	Time of High	Low	Time of Low	Degree	Degree	(inches)	Average	High	Time of High	Wind Dir.	Days (GDD)	GDD
1	52.7	71.1	4:20p	31.2	5:45a	13.2	0.9	0.00	2.1	15.0	12:35p	SSE	2.7	2.7
2	53.6	62.4	2:10p	49.2	11:25p	11.4	0.0	0.28	2.6	18.0	2:35a	SSE	3.6	6.3
3	57.0	66.7	2:00p	48.1	6:00a	8.2	0.2	0.02	2.3	18.0	10:25p	SSE	7.0	13.3
4	52.8	55.8	12:05a	50.4	8:30a	12.2	0.0	0.64	3.6	23.0	12:05a	SSE	2.8	16.1
5	51.8	63.0	4:05p	39.4	6:20a	13.2	0.0	0.00	2.4	14.0	12:10a	NNW	1.8	17.9
6	53.4	62.2	3:00p	44.6	5:40a	11.6	0.0	0.00	0.5	9.0	3:55p	SSE	3.4	21.3
7	50.1	57.8	2:15p	42.5	6:05a	14.9	0.0	0.00	2.4	16.0	3:20p	E	0.1	21.4
8	50.6	63.5	5:40p	34.7	6:00a	14.4	0.0	0.00	2.7	21.0	10:50a	ESE	0.6	22.0
9	55.3	73.2	4:55p	33.8	6:00a	11.1	1.5	0.00	2.2	18.0	12:20p	ESE	5.3	27.3
10	60.1	74.2	4:45p	42.7	6:35a	7.3	2.4	0.00	2.1	16.0	11:05a	SSE	10.1	37.4
11	62.3	81.2	4:00p	41.2	6:50a	7.3	4.7	0.00	1.6	14.0	1:35p	ESE	12.3	49.7
12	67.6	87.6	4:20p	45.0	6:20a	5.6	8.3	0.00	1.4	12.0	1:45p	ENE	17.6	67.3
13	70.3	82.9	4:10p	57.3	6:45a	1.3	6.6	0.00	2.2	14.0	1:45p	SSE	20.3	87.6
14	72.2	83.9	2:05p	61.8	5:10a	0.5	7.7	0.00	2.1	13.0	9:20a	SSE	22.2	109.8
15	69.8	79.0	3:20p	61.4	12:00m	0.4	5.2	0.03	1.8	14.0	2:05p	SSE	19.8	129.6
16	60.7	75.2	11:20a	51.2	10:35p	5.7	1.4	0.70	3.4	30.0	2:00p	W	10.7	140.3
17	52.7	56.7	1:45p	48.3	3:10a	12.3	0.0	0.02	4.8	24.0	12:45p	WNW	2.7	143.0
18	52.9	62.3	2:55p	43.5	6:35a	12.1	0.0	0.02	2.2	16.0	1:15a	NW	2.9	145.9
19	52.7	60.4	3:00p	47.1	12:00m	12.3	0.0	0.43	2.4	21.0	3:30p	SSE	2.7	148.6
20	64.7	80.8	4:05p	46.2	1:05a	5.6	5.3	0.01	3.3	24.0	1:30p	SSW	14.7	163.3
21	76.1	91.0	5:15p	63.8	2:05a	0.1	11.2	0.00	3.3	19.0	3:55p	SW	26.1	189.4
22	65.6	81.8	3:10p	52.1	12:00m	3.5	4.1	0.34	3.3	26.0	3:40p	WNW	15.6	205.0
23	54.2	62.3	4:35p	47.6	12:00m	10.8	0.0	0.00	2.4	12.0	10:40a	NNW	4.2	209.2
24	58.6	72.5	3:55p	44.4	5:10a	7.8	1.4	0.00	1.7	14.0	9:15a	SW	8.6	217.8
25	62.4	74.6	5:55p	47.0	6:25a	5.1	2.5	0.00	1.5	15.0	11:35p	SSE	12.4	230.2
26	66.6	77.6	3:15p	57.2	6:00a	2.0	3.6	0.00	6.7	24.0	9:55p	SSW	16.6	246.8
27	67.9	74.7	3:05p	60.9	12:00m	0.3	3.2	0.20	4.9	20.0	1:35a	SSW	17.9	264.7
28	61.0	67.1	3:05p	51.3	12:00m	4.1	0.2	0.01	2.4	17.0	1:50p	WNW	11.0	275.7
29	63.7	79.6	3:55p	49.1	3:20a	5.8	4.5	0.00	1.0	11.0	1:20p	WSW	13.7	289.4
30	69.1	86.9	3:45p	51.2	5:25a	4.2	8.3	0.00	1.3	12.0	11:50a	WSW	19.1	308.5
31	75.1	86.1	3:05p	60.8	5:15a	0.6	10.6	0.00	2.5	20.0	9:50a	WNW	25.1	333.6
Parameter	**M. Mean**	**M. High**	**Day**	**M. Low**	**Day**	**Sum**	**Sum**	**Sum**	**M. Mean**	**M. High**	**Day**	**Month**	**Month**	**M. High**
Value	60.8	91.0	21	31.2	1	224.9	93.8	2.70	2.6	30.0	16	SSE	333.6	26.1

Days with Maximum Temperature in Excess of 90°F: 1
Days with Maximum Temperature Less Than 32°F: 0
Days with Minimum Temperature Less Than 32°F: 1
Days with Minimum Temperature Less Than 0°F: 0
Maximum Rain (inches): 0.70 on 5/16/2022
Days of Rain: 10 (>0.01 inches) 6 (>0.1 inches) 0 (>1 inch)
Heat Degree Base Temperature (°F): 65 Cold Degree Base Temperature (°F): 65 Method: Integration

Base Temperature for GDD (°F): 50
M.: Monthly

State University of New York College of Agriculture and Technology at Morrisville
Monthly Climatological Summary for June 2022

Station Location: Academic Quad

Summarized By Dr. Walid H. Shayya, School of Agriculture, Business, and Technology

Elevation (ft): 1330 **Latitude: 42°53'46"N** **Longitude: 75°38'26"W** **City: Morrisville** **State: New York**

Day	Temperature (°F)					Heat	Cool	Rain	Wind Speed (mph)			Dominant	Growing Degree	Cumulative
	Mean	High	Time of High	Low	Time of Low	Degree	Degree	(inches)	Average	High	Time of High	Wind Dir.	Days (GDD)	GDD
1	65.6	72.2	9:15a	59.9	5:45a	1.0	1.6	0.84	0.7	12.0	10:00a	S	15.6	15.6
2	65.4	72.9	4:00p	58.5	6:20a	1.7	2.1	0.02	2.2	14.0	11:40a	WNW	15.4	31.0
3	61.9	70.8	5:40p	50.5	12:00m	4.2	1.1	0.00	2.7	16.0	6:05p	WNW	11.9	42.9
4	56.7	68.5	2:45p	45.3	12:00m	8.6	0.2	0.00	3.1	21.0	3:55p	WNW	6.7	49.6
5	58.4	73.7	4:40p	38.9	6:10a	8.8	2.2	0.00	1.6	16.0	2:30p	NW	8.4	58.0
6	66.3	80.3	4:35p	55.0	3:55a	3.4	4.7	0.00	1.9	16.0	11:50p	SSE	16.3	74.3
7	66.5	70.7	1:15p	63.4	5:50a	0.3	1.8	0.33	5.1	23.0	9:30a	SSW	16.5	90.8
8	62.4	72.8	4:00p	55.4	5:40a	3.9	1.4	0.04	2.8	20.0	2:00a	WNW	12.4	103.2
9	57.4	60.1	1:45p	55.1	11:05p	7.6	0.0	0.63	2.9	20.0	3:25p	WNW	7.4	110.6
10	60.4	69.4	4:35p	50.7	12:00m	5.3	0.7	0.00	3.7	19.0	10:50a	WNW	10.4	121.0
11	61.9	75.1	3:00p	46.2	6:10a	6.3	3.1	0.00	1.9	14.0	5:30p	SSW	11.9	132.9
12	64.4	73.9	2:50p	53.5	2:10a	2.9	2.3	0.40	2.2	19.0	12:10p	SSW	14.4	147.3
13	64.5	73.4	4:35p	53.0	12:00m	2.8	2.3	0.01	2.6	16.0	11:00a	WNW	14.5	161.8
14	64.0	77.7	4:35p	49.3	5:55a	5.0	4.0	0.00	1.8	16.0	3:35p	NNW	14.0	175.8
15	70.4	85.2	5:10p	52.5	6:10a	3.2	8.7	0.00	1.1	14.0	3:10p	SSE	20.4	196.2
16	71.6	81.4	4:20p	64.5	6:20a	0.0	6.6	0.35	4.8	24.0	6:15p	SSW	21.6	217.8
17	70.6	75.8	4:45p	61.7	12:00m	0.1	5.7	0.00	4.7	26.0	3:35p	WNW	20.6	238.4
18	53.1	61.7	12:05a	48.5	4:05a	11.9	0.0	0.09	5.4	24.0	11:30a	NW	3.1	241.5
19	54.2	62.1	3:30p	45.5	5:50a	10.8	0.0	0.00	5.9	28.0	12:50p	NNW	4.2	245.7
20	59.3	73.1	4:40p	42.0	5:50a	8.0	2.3	0.00	2.0	19.0	1:15p	WNW	9.3	255.0
21	61.7	73.9	1:35p	46.3	5:50a	5.9	2.6	0.00	1.7	15.0	11:40a	SSE	11.7	266.7
22	69.2	83.6	2:10p	60.5	5:30a	1.1	5.3	0.00	3.8	20.0	6:25p	SSE	19.2	285.9
23	64.2	73.8	4:50p	59.5	5:25a	2.1	1.3	0.03	2.9	17.0	2:25p	SSE	14.2	300.1
24	69.6	81.6	3:20p	57.9	12:00m	1.8	6.3	0.00	1.9	12.0	1:25p	SE	19.6	319.7
25	71.0	90.0	4:15p	50.8	5:50a	3.8	9.8	0.00	0.8	9.0	3:25p	ENE	21.0	340.7
26	73.0	90.7	4:10p	56.3	5:55a	1.9	9.9	0.63	3.0	27.0	6:15p	SSW	23.0	363.7
27	67.3	72.1	1:55p	57.2	12:00m	0.8	3.1	0.30	4.1	19.0	6:10a	WNW	17.3	381.0
28	62.3	72.9	5:15p	54.3	6:10a	4.5	1.8	0.00	2.2	13.0	7:50a	WNW	12.3	393.3
29	63.1	76.6	1:05p	49.2	5:30a	5.2	3.3	0.00	1.6	16.0	2:15p	WSW	13.1	406.4
30	68.3	83.4	5:50p	52.2	6:10a	3.8	7.2	0.01	1.3	16.0	3:45p	SSW	18.3	424.7
Parameter	**M. Mean**	**M. High**	**Day**	**M. Low**	**Day**	**Sum**	**Sum**	**Sum**	**M. Mean**	**M. High**	**Day**	**Month**	**Month**	**M. High**
Value	64.2	90.7	26	38.9	5	126.7	101.4	3.68	2.7	28.0	19	WNW	424.7	23.0

Days with Maximum Temperature in Excess of 90°F: 2
Days with Maximum Temperature Less Than 32°F: 0
Days with Minimum Temperature Less Than 32°F: 0
Days with Minimum Temperature Less Than 0°F: 0
Maximum Rain (inches): 0.84 on 6/1/2022
Days of Rain: 11 (>0.01 inches) 7 (>0.1 inches) 0 (>1 inch)
Heat Degree Base Temperature (°F): 65 Cold Degree Base Temperature (°F): 65 Method: Integration

Base Temperature for GDD (°F): 50
M.: Monthly

State University of New York College of Agriculture and Technology at Morrisville
Monthly Climatological Summary for July 2022

Station Location: Academic Quad

Summarized By Dr. Walid H. Shayya, School of Agriculture, Business, and Technology

Elevation (ft): 1330 **Latitude: 42°53'46"N** **Longitude: 75°38'26"W** **City: Morrisville** **State: New York**

Day	Temperature (°F)					Heat	Cool	Rain	Wind Speed (mph)			Dominant	Growing Degree	Cumulative
	Mean	High	Time of High	Low	Time of Low	Degree	Degree	(inches)	Average	High	Time of High	Wind Dir.	Days (GDD)	GDD
1	76.1	89.5	3:35p	64.5	6:20a	0.0	11.1	0.01	3.0	17.0	1:25p	SW	26.1	26.1
2	70.3	80.0	3:25p	58.6	11:55p	0.4	5.7	0.06	2.4	20.0	3:25p	SW	20.3	46.4
3	65.9	74.8	3:45p	53.8	12:00m	2.3	3.2	0.00	2.7	18.0	4:40p	WNW	15.9	62.3
4	64.5	78.0	2:55p	46.9	6:10a	5.3	4.8	0.00	2.0	18.0	4:20p	WNW	14.5	76.8
5	67.7	73.1	12:00p	62.2	5:45a	0.4	3.1	0.22	1.7	16.0	6:55p	SSE	17.7	94.5
6	68.2	76.1	4:00p	60.0	12:00m	0.4	3.6	0.06	3.5	16.0	1:10a	WNW	18.2	112.7
7	66.9	79.5	3:55p	53.0	6:30a	3.2	5.1	0.00	1.4	12.0	10:40a	N	16.9	129.6
8	67.6	79.2	3:00p	54.8	5:45a	2.5	5.1	0.00	2.1	16.0	3:35p	WNW	17.6	147.2
9	64.8	75.6	3:30p	53.9	6:05a	3.4	3.2	0.00	2.2	13.0	2:20p	NW	14.8	162.0
10	63.5	78.3	3:05p	46.1	6:20a	5.9	4.3	0.00	1.2	11.0	3:30p	NNW	13.5	175.5
11	70.9	87.7	5:45p	49.6	6:20a	4.2	10.0	0.00	2.9	20.0	1:40p	SSW	20.9	196.4
12	74.8	86.3	2:45p	65.7	11:25p	0.0	9.8	0.02	5.4	28.0	3:15p	SSW	24.8	221.2
13	68.5	82.8	2:50p	58.7	6:10a	1.4	5.0	0.00	1.3	14.0	7:05p	NW	18.5	239.7
14	66.7	75.7	4:10p	55.9	12:00m	2.1	3.8	0.00	2.3	16.0	1:00p	NNW	16.7	256.4
15	65.5	80.2	3:20p	49.5	6:25a	4.6	5.1	0.00	1.0	11.0	2:00p	NE	15.5	271.9
16	70.0	86.0	2:15p	54.9	5:10a	2.9	7.9	0.00	1.8	15.0	2:20p	NE	20.0	291.9
17	74.7	88.4	3:55p	59.4	6:10a	0.8	10.6	0.00	1.1	12.0	3:20p	SSW	24.7	316.6
18	71.4	77.3	4:10p	67.9	8:30a	0.0	6.4	0.76	4.0	27.0	11:45p	SSW	21.4	338.0
19	76.4	87.3	4:45p	67.8	7:00a	0.0	11.4	0.17	3.5	25.0	12:10a	WNW	26.4	364.4
20	81.0	93.2	5:10p	69.2	6:25a	0.0	16.0	0.01	2.1	16.0	3:05p	SSW	31.0	395.4
21	79.0	86.7	1:45p	71.4	12:00m	0.0	14.0	0.00	4.6	23.0	4:15p	WSW	29.0	424.4
22	74.0	88.0	4:45p	61.7	5:25a	0.4	9.3	0.59	1.6	40.0	7:35p	SE	24.0	448.4
23	75.8	91.5	3:20p	59.1	6:25a	1.0	11.8	0.01	1.7	16.0	1:10p	SW	25.8	474.2
24	75.4	86.7	4:20p	64.9	5:30a	0.0	10.4	0.28	3.4	27.0	4:45p	SSW	25.4	499.6
25	70.4	77.8	12:55p	56.6	12:00m	0.7	6.1	0.50	3.8	20.0	1:00p	SSW	20.4	520.0
26	64.0	73.2	5:35p	54.8	1:40a	3.8	2.8	0.00	1.6	15.0	11:05a	W	14.0	534.0
27	68.2	81.7	4:55p	53.3	6:05a	3.5	6.7	0.00	1.3	13.0	3:50p	S	18.2	552.2
28	73.2	86.4	1:00p	65.8	5:45a	0.0	8.2	0.12	2.0	29.0	2:30p	WSW	23.2	575.4
29	70.6	80.1	4:00p	60.9	11:50p	0.5	6.1	0.00	2.6	18.0	10:35a	SW	20.6	596.0
30	66.4	75.2	4:15p	58.0	12:00m	1.8	3.2	0.00	2.8	17.0	9:25a	WNW	16.4	612.4
31	67.3	80.7	3:05p	52.2	6:05a	3.6	5.9	0.00	0.9	11.0	12:05p	SW	17.3	629.7
Parameter	**M. Mean**	**M. High**	**Day**	**M. Low**	**Day**	**Sum**	**Sum**	**Sum**	**M. Mean**	**M. High**	**Day**	**Month**	**Month**	**M. High**
Value	70.3	93.2	20	46.1	10	55.1	219.7	2.81	2.4	40.0	22	SSW	629.7	31.0

Days with Maximum Temperature in Excess of 90°F: 2
Days with Maximum Temperature Less Than 32°F: 0
Days with Minimum Temperature Less Than 32°F: 0
Days with Minimum Temperature Less Than 0°F: 0
Maximum Rain (inches): 0.76 on 7/18/2022
Days of Rain: 10 (>0.01 inches) 7 (>0.1 inches) 0 (>1 inch)
Heat Degree Base Temperature (°F): 65 Cold Degree Base Temperature (°F): 65 Method: Integration

Base Temperature for GDD (°F): 50
M.: Monthly

State University of New York College of Agriculture and Technology at Morrisville
Monthly Climatological Summary for August 2022

Station Location: Academic Quad

Summarized By Dr. Walid H. Shayya, School of Agriculture, Business, and Technology

Elevation (ft): 1330 **Latitude: 42°53'46"N** **Longitude: 75°38'26"W** **City: Morrisville** **State: New York**

Day	Temperature (°F)					Heat	Cool	Rain	Wind Speed (mph)			Dominant	Growing Degree	Cumulative
	Mean	High	Time of High	Low	Time of Low	Degree	Degree	(inches)	Average	High	Time of High	Wind Dir.	Days (GDD)	GDD
1	72.7	85.9	4:35p	58.3	5:35a	1.6	9.2	0.00	1.8	13.0	1:15p	SW	22.7	22.7
2	71.4	79.3	1:15p	62.2	12:00m	0.1	6.5	0.00	3.0	21.0	3:25p	WNW	21.4	44.1
3	71.4	88.3	5:00p	54.5	6:30a	2.7	9.1	0.00	1.5	14.0	12:20p	SSW	21.4	65.5
4	74.0	88.3	2:05p	65.2	2:30a	0.0	9.0	0.13	1.5	14.0	12:00p	ESE	24.0	89.5
5	74.4	86.0	3:20p	67.9	6:05a	0.0	9.4	0.02	0.6	13.0	4:20p	ENE	24.4	113.9
6	76.2	91.1	3:50p	65.0	6:00a	0.0	11.2	0.04	1.9	21.0	5:05p	SW	26.2	140.1
7	79.5	89.9	3:40p	72.0	3:00a	0.0	14.5	0.02	2.8	16.0	12:20a	SW	29.5	169.6
8	78.4	89.9	3:10p	72.1	6:25a	0.0	13.4	0.11	3.5	32.0	4:00p	SW	28.4	198.0
9	70.8	77.7	12:20a	61.3	12:00m	0.2	6.1	0.84	3.1	16.0	12:15a	WNW	20.8	218.8
10	65.2	74.3	2:25p	58.9	2:25a	2.2	2.4	0.04	1.0	12.0	2:00p	NNW	15.2	234.0
11	65.9	78.0	4:00p	53.2	6:50a	3.3	4.2	0.00	2.4	18.0	3:25p	WNW	15.9	249.9
12	62.4	70.9	3:00p	51.4	6:50a	4.1	1.5	0.00	2.7	21.0	4:00p	NNW	12.4	262.3
13	61.4	74.6	5:35p	47.0	6:30a	6.3	2.7	0.00	1.7	15.0	4:25p	NNW	11.4	273.7
14	63.5	80.1	1:20p	47.2	5:00a	6.1	4.6	0.00	1.2	13.0	4:40p	NNW	13.5	287.2
15	66.2	80.9	12:15p	54.4	3:00a	3.4	4.6	0.00	1.0	11.0	12:00p	SSE	16.2	303.4
16	69.5	81.0	2:35p	57.5	6:35a	1.8	6.2	0.00	1.6	14.0	3:55p	N	19.5	322.9
17	66.8	77.6	1:00p	59.9	11:55p	1.5	3.3	0.00	0.9	13.0	4:40p	NW	16.8	339.7
18	67.0	78.6	3:35p	57.2	4:35a	2.4	4.4	0.01	2.0	15.0	10:15a	WNW	17.0	356.7
19	69.6	85.6	2:40p	55.0	6:35a	2.8	7.4	0.00	1.2	15.0	1:00p	SW	19.6	376.3
20	70.3	90.3	3:15p	56.1	6:25a	2.3	7.6	0.00	1.2	22.0	4:40p	SSE	20.3	396.6
21	70.1	83.4	3:25p	62.1	5:45a	0.4	5.5	0.07	2.0	18.0	2:20p	SSE	20.1	416.7
22	67.8	75.5	1:10p	63.9	2:35a	0.1	2.9	1.26	0.7	14.0	3:05p	SSE	17.8	434.5
23	67.3	74.9	12:30p	63.4	2:40a	0.2	2.5	0.21	1.7	18.0	1:45p	SW	17.3	451.8
24	70.6	81.3	2:45p	61.2	11:30p	0.3	5.8	0.01	1.8	14.0	11:55a	WNW	20.6	472.4
25	68.6	81.8	4:10p	55.9	5:30a	2.5	6.1	0.00	1.3	14.0	12:55p	NW	18.6	491.0
26	69.3	81.4	2:00p	63.0	6:15a	0.2	4.5	0.16	1.1	15.0	1:45p	SW	19.3	510.3
27	66.8	76.3	3:35p	58.1	12:00m	1.3	3.1	0.01	1.4	12.0	11:50a	N	16.8	527.1
28	69.3	86.9	4:10p	52.9	7:15a	3.6	7.9	0.01	1.4	12.0	2:05p	SE	19.3	546.4
29	77.8	89.7	4:20p	69.2	4:45a	0.0	12.8	0.00	4.3	19.0	9:50a	SSW	27.8	574.2
30	72.8	84.8	12:45p	63.6	12:00m	0.2	8.0	0.80	3.5	24.0	5:25p	SSW	22.8	597.0
31	67.0	75.4	4:45p	60.8	7:20a	0.8	2.8	0.00	3.5	21.0	1:10p	WSW	17.0	614.0
Parameter	**M. Mean**	**M. High**	**Day**	**M. Low**	**Day**	**Sum**	**Sum**	**Sum**	**M. Mean**	**M. High**	**Day**	**Month**	**Month**	**M. High**
Value	69.8	91.1	6	47.0	13	50.4	199.2	3.74	1.9	32.0	8	SSW	614.0	29.5

Days with Maximum Temperature in Excess of 90°F: 2
Days with Maximum Temperature Less Than 32°F: 0
Days with Minimum Temperature Less Than 32°F: 0
Days with Minimum Temperature Less Than 0°F: 0
Maximum Rain (inches): 1.26 on 8/22/2022
Days of Rain: 12 (>0.01 inches) 7 (>0.1 inches) 1 (>1 inch)
Heat Degree Base Temperature (°F): 65 Cold Degree Base Temperature (°F): 65 Method: Integration

Base Temperature for GDD (°F): 50
M.: Monthly

State University of New York College of Agriculture and Technology at Morrisville
Monthly Climatological Summary for September 2022

Station Location: Academic Quad

Summarized By Dr. Walid H. Shayya, School of Agriculture, Business, and Technology

Elevation (ft): 1330 **Latitude: 42°53'46"N** **Longitude: 75°38'26"W** **City: Morrisville** **State: New York**

Day	Temperature (°F)					Heat	Cool	Rain	Wind Speed (mph)			Dominant	Growing Degree	Cumulative
	Mean	High	Time of High	Low	Time of Low	Degree	Degree	(inches)	Average	High	Time of High	Wind Dir.	Days (GDD)	GDD
1	60.0	66.6	12:05a	48.2	12:00m	5.1	0.1	0.16	3.4	20.0	10:40a	WNW	10.0	10.0
2	61.1	79.8	4:55p	43.9	6:35a	8.0	4.1	0.00	1.1	11.0	11:20a	SSE	11.1	21.1
3	67.1	82.2	1:45p	53.4	5:30a	3.6	5.7	0.00	1.6	14.0	11:35a	SSE	17.1	38.2
4	71.1	80.0	12:40p	64.5	6:35a	0.0	6.1	0.06	1.1	11.0	2:20p	SSW	21.1	59.3
5	66.3	69.1	1:40p	63.7	11:40p	0.1	1.4	1.17	0.4	9.0	11:20a	SE	16.3	75.6
6	64.6	69.5	3:35p	62.6	11:55p	0.9	0.5	0.05	1.1	12.0	6:00p	E	14.6	90.2
7	65.1	70.0	6:00p	61.8	6:00a	1.4	1.4	0.03	0.3	7.0	11:20a	ESE	15.1	105.3
8	66.7	77.6	3:25p	59.8	11:55p	1.8	3.5	0.05	1.2	11.0	12:30p	NNW	16.7	122.0
9	66.6	82.7	3:15p	52.9	7:00a	4.1	5.7	0.01	0.5	8.0	2:05p	SSE	16.6	138.6
10	66.4	83.5	2:30p	52.6	6:55a	3.9	5.3	0.01	0.7	10.0	1:50p	SE	16.4	155.0
11	65.2	73.7	1:10p	61.5	6:15a	1.1	1.3	0.10	0.8	8.0	12:55a	SSE	15.2	170.2
12	67.4	76.6	2:30p	62.7	6:10a	0.7	3.2	0.06	1.1	11.0	2:35p	SSE	17.4	187.6
13	62.5	65.8	4:05a	57.2	12:00m	2.6	0.1	0.81	1.3	13.0	7:15a	WNW	12.5	200.1
14	62.7	73.0	4:25p	56.2	1:20a	3.8	1.5	0.00	4.2	16.0	4:05p	WNW	12.7	212.8
15	53.3	62.1	4:15p	43.7	11:50p	11.7	0.0	0.00	3.1	18.0	2:00p	NNW	3.3	216.1
16	50.8	60.0	4:05p	38.6	7:05a	14.2	0.0	0.01	0.4	7.0	1:45p	N	0.8	216.9
17	63.8	78.0	5:00p	54.4	12:05a	4.3	3.1	0.02	0.9	10.0	10:45p	SSE	13.8	230.7
18	69.0	79.6	3:45p	61.0	6:00a	1.0	5.0	0.00	2.9	21.0	1:55p	SSW	19.0	249.7
19	65.5	70.7	9:45a	59.4	11:15p	1.0	1.5	1.60	1.7	24.0	8:40p	SSW	15.5	265.2
20	61.0	65.6	1:50p	57.4	11:00p	4.0	0.0	0.10	2.4	19.0	1:20p	WNW	11.0	276.2
21	66.0	78.1	2:20p	54.7	6:00a	3.3	4.3	0.00	2.6	17.0	2:25p	SSW	16.0	292.2
22	57.6	68.8	12:05a	46.0	12:00m	7.8	0.4	1.11	4.7	25.0	1:35p	WNW	7.6	299.8
23	44.5	49.3	4:40p	41.1	6:05a	20.5	0.0	0.02	4.5	20.0	12:40p	NNW	0.0	299.8
24	49.7	61.0	4:35p	38.3	7:20a	15.3	0.0	0.00	1.6	15.0	11:20a	WNW	0.0	299.8
25	54.5	61.5	3:35p	48.3	12:40a	10.5	0.0	0.07	2.0	17.0	5:45p	SSE	4.5	304.3
26	55.6	62.9	3:40p	49.5	12:00m	9.4	0.0	0.15	2.9	32.0	4:05p	SW	5.6	309.9
27	53.3	59.8	12:45p	49.3	7:35a	11.7	0.0	0.31	3.6	18.0	11:45a	SSW	3.3	313.2
28	52.9	58.5	2:10p	48.5	11:45p	12.1	0.0	0.12	2.7	18.0	3:05p	WNW	2.9	316.1
29	48.8	56.0	3:20p	40.0	12:00m	16.2	0.0	0.00	2.2	16.0	1:00p	NW	0.0	316.1
30	46.4	59.0	2:00p	34.8	7:50a	18.6	0.0	0.01	0.8	10.0	2:50p	NE	0.0	316.1
Parameter	**M. Mean**	**M. High**	**Day**	**M. Low**	**Day**	**Sum**	**Sum**	**Sum**	**M. Mean**	**M. High**	**Day**	**Month**	**Month**	**M. High**
Value	60.2	83.5	10	34.8	30	198.7	54.2	6.03	1.9	32.0	26	SSW	316.1	21.1

Days with Maximum Temperature in Excess of 90°F: 0
Days with Maximum Temperature Less Than 32°F: 0
Days with Minimum Temperature Less Than 32°F: 0
Days with Minimum Temperature Less Than 0°F: 0
Maximum Rain (inches): 1.60 on 9/19/2022
Days of Rain: 18 (>0.01 inches) 8 (>0.1 inches) 3 (>1 inch)
Heat Degree Base Temperature (°F): 65 Cold Degree Base Temperature (°F): 65 Method: Integration

Base Temperature for GDD (°F): 50
M.: Monthly

State University of New York College of Agriculture and Technology at Morrisville
Monthly Climatological Summary for October 2022

Station Location: Academic Quad

Summarized By Dr. Walid H. Shayya, School of Agriculture, Business, and Technology

Elevation (ft): 1330 **Latitude: 42°53'46"N** **Longitude: 75°38'26"W** **City: Morrisville** **State: New York**

Day	Temperature (°F)					Heat	Cool	Rain	Wind Speed (mph)			Dominant	Growing Degree	Cumulative
	Mean	High	Time of High	Low	Time of Low	Degree	Degree	(inches)	Average	High	Time of High	Wind Dir.	Days (GDD)	GDD
1	53.5	65.7	3:10p	44.1	2:40a	11.5	0.0	0.00	1.5	12.0	3:15p	NNE	3.5	3.5
2	51.0	60.3	4:30p	43.0	11:10p	14.0	0.0	0.00	2.9	16.0	12:20p	N	1.0	4.5
3	45.4	55.5	2:30p	36.7	6:45a	19.6	0.0	0.00	1.0	13.0	1:55p	N	0.0	4.5
4	48.8	56.6	3:45p	43.1	1:00a	16.2	0.0	0.00	1.2	10.0	12:05p	NNW	0.0	4.5
5	54.0	68.1	2:55p	42.2	7:45a	11.3	0.3	0.00	1.2	12.0	4:35p	N	4.0	8.5
6	56.5	74.6	2:40p	40.5	7:00a	10.5	2.0	0.01	0.7	12.0	2:40p	SSW	6.5	15.0
7	51.3	56.8	12:05a	43.2	11:35p	13.7	0.0	0.05	2.4	17.0	9:15p	WNW	1.3	16.3
8	42.5	47.1	5:45p	38.6	8:00a	22.5	0.0	0.07	2.3	15.0	3:00p	WNW	0.0	16.3
9	47.4	56.6	3:00p	38.9	7:25a	17.6	0.0	0.00	2.4	23.0	11:40a	S	0.0	16.3
10	48.7	56.7	1:40p	37.9	11:25p	16.3	0.0	0.12	1.5	13.0	3:40p	S	0.0	16.3
11	50.1	69.5	4:30p	31.9	7:15a	15.6	0.7	0.01	1.3	16.0	2:45p	WSW	0.1	16.4
12	57.0	66.3	1:20p	43.3	7:15a	8.1	0.1	0.00	3.2	20.0	10:35a	SSW	7.0	23.4
13	55.8	60.4	3:10p	47.9	12:00m	9.2	0.0	0.63	3.7	22.0	4:45a	SSE	5.8	29.2
14	49.5	62.8	3:05p	38.7	12:00m	15.5	0.0	0.09	1.3	13.0	12:35p	SSW	0.0	29.2
15	49.1	67.8	4:20p	36.2	7:35a	16.2	0.3	0.01	3.2	29.0	2:35p	SSW	0.0	29.2
16	46.0	62.0	3:00p	33.0	7:10a	19.0	0.0	0.00	0.9	14.0	1:35p	WSW	0.0	29.2
17	47.8	57.8	2:50p	37.1	3:35a	17.2	0.0	0.00	1.5	15.0	3:20p	SE	0.0	29.2
18	42.3	50.7	11:40a	32.4	5:35a	22.7	0.0	0.00	2.5	16.0	12:00p	SSW	0.0	29.2
19	37.8	44.1	12:15p	28.9	7:30a	27.2	0.0	0.00	3.4	22.0	1:05p	SSW	0.0	29.2
20	41.8	46.7	3:50p	37.4	12:00m	23.2	0.0	0.01	4.3	24.0	10:45a	SSW	0.0	29.2
21	45.5	60.9	3:55p	28.4	7:35a	19.5	0.0	0.00	2.3	14.0	12:15p	SSW	0.0	29.2
22	54.5	71.0	2:40p	40.9	5:05a	11.5	1.0	0.00	2.1	15.0	10:25a	SSW	4.5	33.7
23	50.1	66.3	3:20p	34.7	8:15a	14.9	0.0	0.00	0.7	10.0	12:45p	SSE	0.1	33.8
24	56.0	63.1	5:20p	49.1	12:15a	9.0	0.0	0.07	0.6	11.0	3:00p	SSE	6.0	39.8
25	64.0	73.6	3:15p	57.9	1:35a	2.8	1.8	0.01	2.8	16.0	12:20p	SSE	14.0	53.8
26	63.7	69.5	3:15p	56.9	11:05p	1.9	0.6	0.06	4.0	19.0	8:45p	SSE	13.7	67.5
27	45.1	56.9	12:05a	33.1	12:00m	19.9	0.0	0.02	5.5	27.0	3:25a	NW	0.0	67.5
28	41.1	58.4	3:25p	28.6	6:25a	23.9	0.0	0.01	0.5	8.0	11:45a	S	0.0	67.5
29	43.6	64.9	3:35p	27.6	7:55a	21.4	0.0	0.00	0.5	9.0	1:25p	S	0.0	67.5
30	46.0	67.5	2:25p	27.5	7:55a	19.1	0.1	0.00	0.9	10.0	4:25p	SSE	0.0	67.5
31	53.1	64.3	1:45p	43.0	7:15a	11.9	0.0	0.02	2.0	14.0	10:50a	SSE	3.1	70.6
Parameter	**M. Mean**	**M. High**	**Day**	**M. Low**	**Day**	**Sum**	**Sum**	**Sum**	**M. Mean**	**M. High**	**Day**	**Month**	**Month**	**M. High**
Value	49.1	74.6	6	28.4	21	380.1	4.4	1.07	2.0	29.0	15	SSW	70.6	14.0

Days with Maximum Temperature in Excess of 90°F: 0

Days with Maximum Temperature Less Than 32°F: 0

Days with Minimum Temperature Less Than 32°F: 6

Days with Minimum Temperature Less Than 0°F: 0

Maximum Rain (inches): 0.63 on 10/13/2022

Days of Rain: 9 (>0.01 inches) 2 (>0.1 inches) 0 (>1 inch)

Heat Degree Base Temperature (°F): 65 Cold Degree Base Temperature (°F): 65 Method: Integration

Base Temperature for GDD (°F): 50

M.: Monthly

State University of New York College of Agriculture and Technology at Morrisville
Monthly Climatological Summary for November 2022

Station Location: Academic Quad

Summarized By Dr. Walid H. Shayya, School of Agriculture, Business, and Technology

Elevation (ft): 1330 **Latitude: 42°53'46"N** **Longitude: 75°38'26"W** **City: Morrisville** **State: New York**

Day	Temperature (°F)					Heat	Cool	Rain	Wind Speed (mph)			Dominant	Growing Degree	Cumulative
	Mean	High	Time of High	Low	Time of Low	Degree	Degree	(inches)	Average	High	Time of High	Wind Dir.	Days (GDD)	GDD
1	56.9	62.8	3:30p	52.6	12:00m	8.1	0.0	0.01	2.1	17.0	6:35p	NW	6.9	6.9
2	53.0	62.7	3:45p	41.1	12:00m	12.0	0.0	0.00	1.4	10.0	1:00a	NNW	3.0	9.9
3	51.4	68.2	3:20p	36.6	7:30a	14.0	0.4	0.01	1.8	17.0	12:15p	SSW	1.4	11.3
4	59.1	70.6	3:20p	49.2	5:10a	6.8	0.9	0.00	3.5	19.0	3:10p	SSW	9.1	20.4
5	65.1	71.1	1:00p	59.6	12:45a	1.7	1.8	0.00	6.4	23.0	11:10a	SSW	15.1	35.5
6	67.9	74.4	2:25p	60.2	12:00m	0.2	3.1	0.30	6.8	30.0	2:10a	SSW	17.9	53.4
7	53.0	60.6	12:00p	41.8	12:00m	12.0	0.0	0.00	4.8	26.0	10:05a	NW	3.0	56.4
8	39.5	45.9	1:25p	28.4	12:00m	25.5	0.0	0.00	4.0	20.0	8:35a	NW	0.0	56.4
9	41.8	58.8	1:10p	25.5	5:50a	23.2	0.0	0.00	2.4	20.0	11:40p	SSE	0.0	56.4
10	53.7	66.0	2:30p	42.9	6:35a	11.4	0.1	0.00	4.7	19.0	1:40p	SSW	3.7	60.1
11	59.4	66.7	11:50p	52.5	5:35a	5.7	0.1	0.46	3.8	17.0	12:05a	SSE	9.4	69.5
12	50.7	67.0	1:35a	40.2	12:00m	14.5	0.1	1.36	5.1	24.0	7:20a	NW	0.7	70.2
13	36.5	40.2	12:05a	30.6	12:00m	28.5	0.0	0.02	4.3	18.0	1:45p	W	0.0	70.2
14	31.4	33.0	12:10p	29.3	4:20a	33.6	0.0	0.00	3.3	17.0	7:10a	WNW	0.0	70.2
15	32.3	34.7	12:55p	29.0	11:00p	32.7	0.0	0.00	0.9	10.0	11:30a	E	0.0	70.2
16	34.9	38.7	2:25p	29.0	12:05a	30.1	0.0	0.27	2.5	17.0	2:55p	WSW	0.0	70.2
17	32.8	35.1	11:30a	31.1	11:40p	32.2	0.0	0.01	6.1	29.0	3:15p	W	0.0	70.2
18	30.4	34.6	1:05p	27.6	11:35p	34.6	0.0	0.00	4.6	22.0	1:10p	SW	0.0	70.2
19	27.3	30.7	3:25p	22.8	7:30a	37.7	0.0	0.00	4.3	19.0	10:00p	SSW	0.0	70.2
20	24.4	28.7	1:40a	20.8	9:10p	40.6	0.0	0.01	9.3	45.0	11:30a	WSW	0.0	70.2
21	29.8	37.9	10:30p	20.3	1:35a	35.2	0.0	0.00	6.0	25.0	5:35p	SSW	0.0	70.2
22	37.8	42.3	1:40p	34.7	6:50p	27.2	0.0	0.00	2.8	21.0	1:55a	WSW	0.0	70.2
23	34.7	43.4	12:55p	26.3	12:00m	30.3	0.0	0.00	1.2	13.0	12:45p	NW	0.0	70.2
24	37.0	50.9	1:10p	23.0	4:15a	28.0	0.0	0.01	1.6	14.0	11:45a	SSW	0.0	70.2
25	40.8	44.8	4:25a	36.4	11:40p	24.2	0.0	0.20	6.4	26.0	1:10p	SSW	0.0	70.2
26	42.0	52.1	3:00p	35.6	3:30a	23.0	0.0	0.01	3.7	20.0	12:50p	W	0.0	70.2
27	41.1	48.7	12:00m	31.8	3:40a	23.9	0.0	0.53	2.2	19.0	11:10p	SSE	0.0	70.2
28	37.0	48.7	12:25a	32.1	11:30p	28.0	0.0	0.10	5.4	26.0	12:50a	NW	0.0	70.2
29	33.6	37.7	1:40p	31.4	2:20a	31.4	0.0	0.00	1.9	20.0	11:20p	SSE	0.0	70.2
30	38.4	48.6	2:45p	30.7	11:15p	26.6	0.0	0.37	8.6	33.0	4:15p	SSE	0.0	70.2
Parameter	**M. Mean**	**M. High**	**Day**	**M. Low**	**Day**	**Sum**	**Sum**	**Sum**	**M. Mean**	**M. High**	**Day**	**Month**	**Month**	**M. High**
Value	42.5	74.4	6	20.3	21	682.9	6.5	3.67	4.1	45.0	20	SSW	70.2	17.9

Days with Maximum Temperature in Excess of 90°F: 0

Days with Maximum Temperature Less Than 32°F: 2

Days with Minimum Temperature Less Than 32°F: 16

Days with Minimum Temperature Less Than 0°F: 0

Maximum Rain (inches): 1.36 on 11/12/2022

Days of Rain: 9 (>0.01 inches) 7 (>0.1 inches) 1 (>1 inch)

Heat Degree Base Temperature (°F): 65 Cold Degree Base Temperature (°F): 65 Method: Integration

Base Temperature for GDD (°F): 50

M.: Monthly

State University of New York College of Agriculture and Technology at Morrisville
Monthly Climatological Summary for December 2022

Station Location: Academic Quad

Summarized By Dr. Walid H. Shayya, School of Agriculture, Business, and Technology

Elevation (ft): 1330 **Latitude: 42°53'46"N** **Longitude: 75°38'26"W** **City: Morrisville** **State: New York**

Day	Temperature (°F)					Heat	Cool	Rain	Wind Speed (mph)			Dominant	Growing Degree	Cumulative
	Mean	High	Time of High	Low	Time of Low	Degree	Degree	(inches)	Average	High	Time of High	Wind Dir.	Days (GDD)	GDD
1	30.4	32.7	2:05p	28.4	12:00m	34.6	0.0	0.00	8.7	35.0	10:05a	W	0.0	0.0
2	32.4	38.9	11:55p	22.0	7:45a	32.6	0.0	0.01	3.7	24.0	11:50p	SSE	0.0	0.0
3	40.8	49.8	2:05p	33.4	12:00m	24.2	0.0	0.33	7.9	34.0	2:55p	SSW	0.0	0.0
4	31.7	34.5	3:00p	29.3	8:15p	33.3	0.0	0.00	3.8	21.0	10:35a	W	0.0	0.0
5	34.7	44.2	2:55p	26.7	3:35a	30.3	0.0	0.00	3.7	20.0	1:15p	SSW	0.0	0.0
6	43.5	50.7	11:50p	36.2	4:20a	21.5	0.0	0.29	3.7	21.0	5:20a	SSE	0.0	0.0
7	48.6	51.9	1:45p	41.3	11:35p	16.4	0.0	0.23	2.9	17.0	10:00p	SSE	0.0	0.0
8	38.2	41.3	12:05a	32.5	11:40p	26.8	0.0	0.17	3.0	14.0	12:10a	NW	0.0	0.0
9	29.4	33.2	3:40p	22.0	11:50p	35.6	0.0	0.00	1.6	11.0	11:50a	NNW	0.0	0.0
10	26.5	39.7	2:15p	17.8	7:10a	38.5	0.0	0.01	0.6	8.0	11:25a	S	0.0	0.0
11	31.3	33.5	2:00p	27.9	12:05a	33.7	0.0	0.00	2.0	15.0	4:10a	SSE	0.0	0.0
12	24.8	32.7	12:05a	11.9	12:00m	40.2	0.0	0.00	1.8	9.0	2:00a	NW	0.0	0.0
13	19.8	29.2	2:00p	8.5	4:35a	45.2	0.0	0.02	1.8	13.0	10:45p	NW	0.0	0.0
14	20.5	28.8	12:05a	14.1	11:40p	44.5	0.0	0.00	2.3	18.0	1:30a	NNW	0.0	0.0
15	27.6	34.9	2:30p	14.6	12:05a	37.4	0.0	0.00	2.6	18.0	11:30a	ESE	0.0	0.0
16	34.6	36.4	3:15p	33.8	12:15p	30.4	0.0	0.28	1.2	16.0	3:15a	ESE	0.0	0.0
17	31.4	34.3	12:50p	28.7	7:45a	33.6	0.0	0.03	2.0	15.0	12:15p	W	0.0	0.0
18	28.2	31.7	12:30p	24.2	7:35a	36.8	0.0	0.01	3.5	23.0	11:35p	WSW	0.0	0.0
19	28.4	30.9	2:30p	26.5	12:00m	36.6	0.0	0.00	7.1	27.0	11:50a	W	0.0	0.0
20	25.7	26.8	12:00p	23.4	12:00m	39.3	0.0	0.00	3.5	19.0	12:15a	WNW	0.0	0.0
21	24.0	38.9	1:05p	14.3	4:35a	41.0	0.0	0.19	0.2	6.0	2:00p	SSE	0.0	0.0
22	29.7	38.8	10:50p	17.8	1:55a	35.3	0.0	0.33	2.7	21.0	12:00m	SSE	0.0	0.0
23	26.1	44.0	8:30a	2.7	10:50p	38.9	0.0	0.77	8.1	36.0	6:05p	SW	0.0	0.0
24	6.4	10.7	1:15p	1.6	7:25a	58.6	0.0	0.00	10.6	38.0	3:55a	SSW	0.0	0.0
25	16.1	21.7	1:45p	9.2	12:40a	48.9	0.0	0.00	8.2	33.0	1:20p	SW	0.0	0.0
26	18.2	22.8	12:25p	12.7	7:15a	46.8	0.0	0.00	3.5	19.0	12:15a	SSW	0.0	0.0
27	23.2	28.1	1:05p	19.9	12:40a	41.8	0.0	0.00	3.9	19.0	11:20a	SW	0.0	0.0
28	32.9	39.6	4:05p	24.0	12:10a	32.1	0.0	0.00	3.9	21.0	8:25a	SSW	0.0	0.0
29	42.4	51.6	2:40p	33.7	3:50a	22.6	0.0	0.00	2.3	13.0	1:25a	SSE	0.0	0.0
30	50.3	55.6	1:10p	45.0	12:05a	14.7	0.0	0.00	4.4	17.0	9:25a	SSW	0.3	0.3
31	50.1	53.0	2:05p	45.8	4:15a	14.9	0.0	0.16	3.8	18.0	5:00a	SSW	0.1	0.4
Parameter	**M. Mean**	**M. High**	**Day**	**M. Low**	**Day**	**Sum**	**Sum**	**Sum**	**M. Mean**	**M. High**	**Day**	**Month**	**Month**	**M. High**
Value	30.6	55.6	30	1.6	24	1067.1	0	2.83	3.8	38.0	24	SSW	0.4	0.3

Days with Maximum Temperature in Excess of 90°F: 0 Base Temperature for GDD (°F): 50
Days with Maximum Temperature Less Than 32°F: 9 M.: Monthly
Days with Minimum Temperature Less Than 32°F: 23
Days with Minimum Temperature Less Than 0°F: 0
Maximum Rain (inches): 0.77 on 12/23/2022
Days of Rain: 11 (>0.01 inches) 9 (>0.1 inches) 0 (>1 inch)
Heat Degree Base Temperature (°F): 65 Cold Degree Base Temperature (°F): 65 Method: Integration