

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 1100 ft. Lat: 40.6661° N Lon: 96.1892° W

Station: SYRACUSE, NE US USC00258395

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	34.4	12.6	23.5	5.2	4.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	976.2	1038.2	1131.3	1286.3	0.0	0.0	4.3	13.3	30.2	5.7
02	39.7	16.6	28.1	6.9	5.5	6.0	0.8	0.4	0.2	0.1	0.0	0.0	752.4	808.1	891.9	1031.8	0.0	0.0	7.4	9.3	26.1	3.1
03	52.4	27.0	39.7	5.6	4.6	4.7	18.1	12.5	7.0	1.9	0.1	0.0	492.5	548.9	636.4	786.3	0.0	0.0	17.4	2.4	22.1	0.8
04	63.9	37.5	50.7	3.9	3.6	3.6	67.6	48.5	28.5	9.7	2.1	0.8	196.6	237.5	307.5	438.7	0.0	0.3	25.7	0.2	9.4	0.0
05	74.2	49.8	62.0	3.7	3.1	3.1	251.8	206.8	148.6	73.5	27.2	16.5	34.9	51.8	86.6	166.5	0.0	1.9	30.6	0.0	0.8	0.0
06	84.2	60.6	72.4	2.7	2.5	2.4	522.2	462.9	375.6	237.8	122.8	86.9	0.4	1.1	3.8	16.0	0.1	8.2	30.0	0.0	0.0	0.0
07	88.2	64.6	76.4	3.3	2.8	2.8	663.3	601.3	508.3	355.6	212.7	162.1	0.0	0.0	0.0	2.3	1.8	13.3	31.0	0.0	0.0	0.0
08	86.5	62.4	74.4	2.9	2.8	2.6	602.8	540.9	448.6	298.2	165.3	121.6	0.1	0.1	0.7	5.4	1.0	10.8	31.0	0.0	0.0	0.0
09	79.8	52.6	66.2	3.5	3.5	3.2	349.1	297.1	225.6	126.6	59.8	41.2	13.2	21.2	39.6	90.6	0.2	5.2	29.9	0.0	0.4	0.0
10	66.9	39.9	53.4	3.8	2.5	2.8	103.1	77.7	48.3	17.7	5.3	3.1	152.8	189.3	252.9	377.4	0.0	0.7	28.3	0.1	7.4	0.0
11	51.3	27.2	39.2	6.2	4.0	4.8	10.2	6.3	2.8	0.4	0.0	0.0	482.6	538.7	625.3	772.9	0.0	0.0	16.5	2.6	21.3	0.1
12	38.8	17.5	28.2	4.8	4.5	4.4	0.2	0.1	0.0	0.0	0.0	0.0	832.4	894.3	987.3	1142.2	0.0	0.0	6.9	10.1	29.4	2.3
Summary	63.4	39.0	51.2	4.4	3.7	3.8	2589	2254	1794	1122	595	432	3934	4329	4963	6116	3.1	40.4	259.0	38.0	147.1	12.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75
01	0.78	4.5	2.5	0.2	0.0	0.36	0.70	1.16
02	0.98	5.1	2.6	0.5	0.1	0.43	0.68	1.32
03	1.82	6.9	4.1	1.1	0.3	1.01	1.48	2.58
04	2.76	8.5	5.8	1.9	0.5	2.12	2.99	3.28
05	5.63	11.3	7.8	3.7	2.0	3.68	5.19	7.83
06	4.55	10.1	7.0	3.2	1.3	3.24	4.15	5.26
07	4.24	9.2	6.0	2.8	1.4	2.05	3.37	4.87
08	3.48	9.2	6.2	2.2	1.0	1.70	2.90	4.18
09	2.87	7.5	4.7	1.9	0.9	1.55	2.07	3.94
10	2.54	6.9	4.4	1.9	0.6	1.04	1.87	3.83
11	1.45	5.0	3.2	1.0	0.3	0.69	1.21	2.06
12	1.11	4.7	2.8	0.7	0.1	0.33	0.90	1.53
Summary	32.21	88.9	57.1	21.1	8.5	18.20	27.51	41.84

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	7.70	4.2	2.2	1.0	0.4	0.0	15.0	8.8	4.7	0.6	3.70	6.50	12.40
02	7.30	3.8	2.4	1.0	0.3	0.0	11.7	6.5	3.2	0.5	3.00	6.40	10.60
03	2.40	1.6	1.0	0.2	0.1	0.0	3.7	1.6	1.0	0.2	0.00	1.10	4.00
04	1.20	0.3	0.3	0.2	0.1	0.0	0.3	0.2	0.1	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.90	0.2	0.2	0.1	0.0	0.0	0.3	0.2	0.1	0.0	0.00	0.00	0.00
11	1.60	1.1	0.7	0.2	0.1	0.0	1.5	0.4	0.1	0.0	0.00	0.10	1.80
12	4.40	3.2	1.8	0.5	0.1	0.0	8.3	4.5	2.2	0.5	1.60	3.90	5.50
Summary	25.5	14.4	8.6	3.2	1.1	0.0	40.8	22.2	11.4	1.8	8.3	18.0	34.3

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7.6	27.2	139.4	345.9	682.1	971.8	1128.3	1067.8	785.9	430.1	118.6	17.1
45	1.2	10.8	77.0	228.3	528.8	821.7	973.2	912.7	636.3	298.2	60.5	4.4
50	0.0	3.5	39.4	134.5	382.4	671.8	818.2	757.7	489.1	186.4	27.0	1.2
55	0.0	0.8	18.1	67.6	251.8	522.2	663.3	602.8	349.1	103.1	10.2	0.2
60	0.0	0.2	7.0	28.5	148.6	375.6	508.3	448.6	225.6	48.3	2.8	0.0
Growing Degree Units for Corn (Monthly)												
50/86	13.1	30.9	115.3	229.0	422.9	641.2	756.7	710.4	504.7	283.5	93.9	20.0

Growing Degree Units (Accumulated Monthly)												
40	8	35	174	520	1202	2174	3302	4370	5156	5586	5705	5722
45	1	12	89	317	846	1668	2641	3554	4190	4488	4549	4553
50	0	4	43	177	560	1232	2050	2808	3297	3483	3510	3511
55	0	1	19	86	338	860	1524	2127	2476	2579	2589	2589
60	0	0	7	36	184	560	1068	1517	1742	1791	1794	1794
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	13	44	159	388	811	1452	2209	2920	3424	3708	3802	3822

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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