

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3308 ft. Lat: 37.9928° N Lon: 101.7417° W
Station: **SYRACUSE 1NE, KS US USC00148038**

Generated on 06/04/2024

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	46.4	13.5	30.0	5.4	3.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	776.5	838.4	931.4	1086.5	0.0	0.0	14.3	5.6	30.9	1.9
02	50.6	17.0	33.8	6.7	3.2	4.5	0.7	0.2	0.0	0.0	0.0	0.0	594.1	649.6	733.4	873.5	0.0	0.0	16.0	4.0	26.9	0.8
03	60.4	26.1	43.2	4.6	3.2	3.4	16.2	9.5	3.6	0.3	0.0	0.0	380.5	435.8	522.9	674.6	0.0	0.1	24.1	1.1	23.1	0.2
04	68.7	35.2	51.9	3.6	3.0	3.0	72.2	50.1	26.4	6.4	0.7	0.3	163.6	201.5	267.8	397.8	0.0	0.9	27.1	0.1	10.0	0.0
05	77.9	46.5	62.2	3.9	2.4	2.7	257.9	210.2	147.0	67.2	22.0	12.5	34.7	49.0	78.7	153.9	0.3	4.8	30.5	0.0	1.1	0.0
06	88.6	57.2	72.9	4.1	2.5	3.1	538.0	479.0	391.9	254.1	138.9	101.6	1.3	2.2	5.1	17.2	3.3	15.4	30.0	0.0	0.0	0.0
07	92.9	63.0	77.9	3.0	2.0	2.3	711.2	649.3	556.7	403.4	254.5	198.5	0.0	0.1	0.5	2.2	6.4	22.0	31.0	0.0	0.0	0.0
08	90.2	60.9	75.6	3.4	2.3	2.6	636.9	575.0	482.4	330.5	189.0	139.8	0.0	0.1	0.5	3.6	3.6	18.5	31.0	0.0	0.0	0.0
09	83.6	51.4	67.5	3.6	3.4	3.2	386.8	332.3	254.7	141.8	61.3	39.3	12.0	17.5	29.9	66.9	0.7	10.3	29.8	0.0	0.3	0.0
10	71.2	36.5	53.8	4.1	2.8	2.9	103.2	75.8	44.5	13.1	2.6	1.2	138.7	173.4	235.1	358.6	0.0	1.9	28.7	0.4	8.9	0.0
11	57.4	24.0	40.7	5.3	2.8	3.7	8.1	4.9	2.0	0.2	0.0	0.0	437.1	493.9	581.0	729.2	0.0	0.0	21.7	1.2	24.6	0.2
12	47.1	14.5	30.8	4.8	2.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	749.9	811.9	904.9	1060.0	0.0	0.0	14.7	4.4	30.7	1.1
Summary	69.6	37.1	53.4	4.4	2.8	3.2	2731	2386	1909	1217	669	493	3288	3673	4291	5424	14.3	73.9	298.9	16.8	156.5	4.2

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	0.33	2.9	0.9	0.1	0.0	0.11	0.26	0.39	
02	0.37	2.7	1.2	0.1	0.0	0.14	0.29	0.44	
03	0.92	4.2	2.3	0.5	0.1	0.27	0.89	1.36	
04	1.42	5.5	3.2	0.8	0.1	0.54	1.15	2.03	
05	2.02	7.2	4.4	1.2	0.4	0.80	1.50	2.85	
06	2.31	7.4	4.8	1.7	0.5	1.45	1.69	3.74	
07	3.32	7.8	5.4	2.2	1.0	1.62	3.13	4.80	
08	2.80	7.0	4.4	1.6	1.0	1.41	2.41	3.97	
09	1.10	3.7	2.4	0.7	0.2	0.42	0.85	1.47	
10	1.37	3.9	2.4	1.0	0.4	0.18	0.90	1.92	
11	0.47	2.7	1.3	0.3	0.1	0.06	0.19	0.51	
12	0.58	3.1	1.6	0.2	0.1	0.10	0.32	0.64	
Summary	17.01	58.1	34.3	10.4	3.9	7.10	13.58	24.12	

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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	3.30	2.2	1.4	0.5	0.3	0.0	4.7	1.9	0.8	0.0	1.60	3.00	6.00
02	2.10	1.7	1.1	0.4	0.1	0.0	3.5	1.3	0.6	0.2	0.00	0.50	2.70
03	3.70	1.6	1.2	0.6	0.2	0.0	2.2	1.1	0.5	0.0	0.00	1.40	6.30
04	1.30	0.5	0.4	0.2	0.1	0.0	0.5	0.1	0.0	0.0	0.00	0.00	0.40
05	0.90	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	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	0.4	0.2	0.1	0.1	0.0	0.6	0.3	0.2	0.1	0.00	0.00	0.40
11	1.60	0.9	0.5	0.1	0.1	0.0	1.3	0.5	0.4	0.2	0.00	0.10	1.80
12	3.10	2.0	1.3	0.4	0.1	0.0	4.0	2.3	1.2	0.0	0.30	2.70	4.00
Summary	16.9	9.3	6.1	2.3	1.0	0.0	16.9	7.6	3.8	0.5	1.9	7.7	21.6

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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	18.5	48.0	191.2	377.6	688.8	986.9	1176.3	1102.0	825.1	445.5	130.4	22.1
45	3.7	17.6	105.5	252.7	536.5	836.9	1021.3	946.9	676.2	309.8	63.7	5.3
50	0.6	4.8	48.1	148.9	390.6	687.1	866.3	791.9	529.2	193.5	26.1	0.8
55	0.0	0.7	16.2	72.2	257.9	538.0	711.2	636.9	386.8	103.2	8.1	0.0
60	0.0	0.0	3.6	26.4	147.0	391.9	556.7	482.4	254.7	44.5	2.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	61.4	89.2	196.9	288.0	437.5	616.2	746.3	703.0	521.5	332.7	153.0	60.3

Growing Degree Units (Accumulated Monthly)												
40	18	66	258	635	1324	2311	3487	4589	5414	5860	5990	6012
45	4	21	127	380	916	1753	2774	3721	4397	4707	4771	4776
50	1	5	54	202	593	1280	2146	2938	3468	3661	3687	3688
55	0	1	17	89	347	885	1596	2233	2620	2723	2731	2731
60	0	0	4	30	177	569	1126	1608	1863	1907	1909	1909
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	61	151	348	636	1073	1689	2436	3138	3660	3993	4146	4206

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