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

Summary of Monthly Normals
1991-2020

Generated on 11/06/2026

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

Current Location: Elev: 413 ft. Lat: 43.1111° N Lon: 76.1039° W

Station: **SYRACUSE HANCOCK INTL AP, NY US USW00014771**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	31.7	16.5	24.1	5.0	5.8	5.3	0.7	0.5	0.3	0.0	0.0	0.0	958.4	1020.2	1113.0	1267.7	0.0	0.0	2.7	16.0	27.7	4.1
02	33.6	17.5	25.5	5.3	5.6	5.3	0.1	0.0	0.0	0.0	0.0	0.0	824.6	880.6	964.5	1104.5	0.0	0.0	2.7	12.6	25.7	2.3
03	42.4	25.2	33.8	5.2	4.2	4.6	4.0	2.8	1.5	0.2	0.0	0.0	661.2	721.9	813.7	967.4	0.0	0.0	8.4	6.3	23.6	0.6
04	56.4	36.2	46.3	3.6	2.4	2.9	31.2	22.2	12.6	3.9	0.5	0.2	292.2	343.2	423.6	564.9	0.0	0.1	21.6	0.2	10.5	0.0
05	69.2	47.3	58.2	3.7	3.1	3.3	162.0	126.1	82.4	34.0	9.9	5.0	61.4	87.4	136.7	243.4	0.0	0.5	30.4	0.0	0.5	0.0
06	77.3	56.7	67.0	2.5	1.9	2.0	363.2	306.3	225.5	114.9	43.4	26.6	3.3	6.4	15.6	54.9	0.0	2.3	30.0	0.0	0.0	0.0
07	81.7	62.0	71.8	3.0	2.3	2.6	522.3	460.3	367.5	218.4	99.3	65.1	0.0	0.0	0.2	6.1	0.1	4.1	31.0	0.0	0.0	0.0
08	80.3	60.4	70.4	2.3	2.0	2.0	475.9	414.1	322.3	179.8	72.0	43.0	0.1	0.3	1.5	14.0	0.1	2.3	31.0	0.0	0.0	0.0
09	73.1	52.7	62.9	2.6	2.2	2.2	254.4	205.7	141.1	62.7	20.4	11.9	17.4	28.8	54.2	125.8	0.0	1.0	29.9	0.0	0.1	0.0
10	60.1	42.4	51.3	2.7	2.7	2.6	55.4	37.6	19.5	5.1	0.9	0.3	171.7	215.8	290.7	431.3	0.0	0.0	26.7	0.0	3.8	0.0
11	48.3	32.7	40.5	4.7	2.7	3.6	6.5	3.3	0.7	0.0	0.0	0.0	441.5	498.3	585.8	735.1	0.0	0.0	13.4	1.7	15.5	0.0
12	37.1	23.7	30.4	4.6	4.3	4.3	0.3	0.1	0.0	0.0	0.0	0.0	762.8	824.6	917.5	1072.5	0.0	0.0	4.0	10.0	25.0	0.7
Summary	57.6	39.4	48.5	3.8	3.3	3.4	1876	1579	1173	619	246	152	4195	4628	5317	6588	0.2	10.3	231.8	46.8	132.4	7.7

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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	2.58	18.9	7.0	1.3	0.3	1.74	2.55	3.12
02	2.46	16.6	6.8	1.1	0.2	1.70	2.45	2.92
03	3.04	15.5	7.6	1.8	0.3	2.03	2.92	3.81
04	3.48	14.5	8.4	2.3	0.4	2.26	3.57	4.27
05	3.42	13.2	7.7	1.9	0.5	2.25	3.14	3.93
06	3.56	12.0	7.3	2.4	0.6	2.04	3.19	4.58
07	3.86	11.7	7.4	2.5	0.8	2.67	3.39	4.28
08	3.70	10.7	6.8	2.6	0.8	2.59	3.68	4.76
09	3.38	11.1	6.4	2.3	0.6	2.49	3.22	4.04
10	3.89	15.1	8.4	2.4	0.8	2.64	3.95	4.48
11	3.23	15.9	8.1	1.6	0.3	2.64	3.15	3.73
12	3.28	18.5	8.3	1.6	0.3	2.54	3.06	3.87
Summary	39.88	173.7	90.2	23.8	5.9	27.59	38.27	47.79

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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	34.00	17.8	9.4	3.7	1.6	0.3	22.7	16.7	12.4	5.8	22.10	34.60	44.40
02	30.30	15.2	8.5	3.7	1.4	0.3	21.6	16.7	13.5	7.0	23.70	28.70	36.90
03	19.80	10.1	5.0	2.1	0.9	0.3	14.9	10.6	8.0	3.5	8.30	19.20	27.40
04	3.00	2.5	0.9	0.2	0.1	0.0	1.2	0.5	0.1	0.0	0.20	2.50	4.10
05	0.10	0.1	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	0.20	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	9.80	5.9	2.6	0.9	0.4	0.1	4.3	2.4	1.1	0.2	1.90	6.70	16.90
12	30.60	13.6	7.6	3.2	1.7	0.4	15.2	10.2	7.3	2.0	15.70	29.00	45.20
Summary	127.8	65.5	34.1	13.8	6.1	1.4	79.9	57.1	42.4	18.5	71.9	120.7	174.9

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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	12.3	9.7	56.0	227.5	566.1	810.0	987.3	940.8	687.0	355.3	115.3	24.2
45	4.3	2.8	25.4	130.2	414.2	660.0	832.3	785.8	537.4	223.6	55.3	8.6
50	1.5	0.8	10.2	67.0	274.5	510.3	677.3	630.8	391.0	122.1	22.1	2.2
55	0.7	0.1	4.0	31.2	162.0	363.2	522.3	475.9	254.4	55.4	6.5	0.3
60	0.3	0.0	1.5	12.6	82.4	225.5	367.5	322.3	141.1	19.5	0.7	0.0
Growing Degree Units for Corn (Monthly)												
50/86	6.8	6.5	35.4	133.0	330.8	512.4	663.2	624.0	413.9	179.3	57.2	11.0

Growing Degree Units (Accumulated Monthly)

40	12	22	78	306	872	1682	2669	3610	4297	4652	4767	4792
45	4	7	32	163	577	1237	2069	2855	3392	3616	3671	3680
50	2	2	12	80	354	864	1542	2172	2563	2685	2708	2710
55	1	1	5	36	198	561	1084	1559	1814	1869	1876	1876
60	0	0	2	14	97	322	690	1012	1153	1173	1173	1173
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	7	13	49	182	512	1025	1688	2312	2726	2905	2963	2974

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

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