

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 830 ft. Lat: 42.7339° N Lon: 76.6592° W
Station: AURORA RSCH FARM, NY US USC00300331

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	31.2	16.6	23.9	4.6	5.6	5.0	0.1	0.0	0.0	0.0	0.0	0.0	964.0	1025.9	1118.9	1273.9	0.0	0.0	2.5	15.8	27.6	3.1
02	33.2	17.4	25.3	5.1	5.5	5.2	0.1	0.0	0.0	0.0	0.0	0.0	831.6	887.5	971.6	1111.6	0.0	0.0	2.7	12.3	25.4	1.9
03	40.9	24.1	32.5	5.1	4.4	4.7	4.1	2.9	1.6	0.3	0.0	0.0	701.4	762.3	854.0	1007.7	0.0	0.0	7.5	6.6	23.9	0.4
04	54.4	35.0	44.7	3.7	2.7	3.1	28.6	20.9	12.3	4.0	1.0	0.5	337.6	389.9	471.2	612.9	0.0	0.0	19.8	0.4	11.5	0.0
05	67.3	46.9	57.1	4.1	3.3	3.6	150.0	116.8	75.9	32.3	9.9	5.2	85.0	113.8	165.8	277.3	0.0	0.3	29.7	0.0	0.7	0.0
06	75.7	56.5	66.1	2.3	1.7	1.9	338.9	284.0	207.9	104.5	39.1	23.4	6.0	11.1	25.0	71.6	0.0	1.7	30.0	0.0	0.0	0.0
07	79.8	60.8	70.3	2.9	2.3	2.5	474.2	412.3	320.7	180.1	73.4	45.2	0.0	0.1	1.4	15.9	0.0	2.5	31.0	0.0	0.0	0.0
08	78.7	58.9	68.8	2.4	1.8	2.0	427.9	366.4	276.3	142.3	50.5	28.3	0.2	0.7	3.6	24.6	0.0	1.5	31.0	0.0	0.0	0.0
09	72.1	51.9	62.0	2.3	2.3	2.1	233.5	187.1	127.4	54.7	16.6	8.8	23.6	37.2	67.5	144.8	0.0	0.6	30.0	0.0	0.1	0.0
10	59.3	42.1	50.7	2.8	2.5	2.5	54.6	37.8	20.1	5.2	0.7	0.3	187.9	233.0	308.4	448.4	0.0	0.0	26.2	0.0	2.9	0.0
11	47.1	32.6	39.9	4.4	3.0	3.6	6.0	3.2	1.0	0.1	0.0	0.0	460.5	517.7	605.5	754.6	0.0	0.0	12.5	1.8	14.2	0.0
12	36.6	23.9	30.3	4.4	4.1	4.1	0.5	0.3	0.1	0.0	0.0	0.0	767.7	829.4	922.3	1077.2	0.0	0.0	3.8	10.0	25.0	0.2
Summary	56.4	38.9	47.6	3.7	3.3	3.4	1718	1432	1043	524	191	112	4366	4809	5515	6820	0.0	6.6	226.7	46.9	131.3	5.6

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	2.08	14.4	5.6	1.0	0.1	1.38	1.96	2.82	
02	1.85	11.3	4.9	0.8	0.1	1.42	1.75	2.14	
03	2.63	12.8	6.7	1.4	0.2	1.82	2.54	3.31	
04	3.26	13.9	8.2	2.0	0.5	2.15	2.87	3.93	
05	3.13	13.3	7.2	1.9	0.4	2.06	3.06	4.33	
06	3.78	13.0	8.0	2.7	0.5	2.81	3.58	4.69	
07	3.76	12.4	8.1	2.7	0.7	2.54	3.46	5.38	
08	3.37	11.2	6.2	2.1	0.6	1.81	3.21	4.29	
09	3.83	11.7	6.8	2.6	1.0	2.58	3.89	4.91	
10	3.80	15.3	8.2	2.4	0.7	2.68	3.48	4.98	
11	2.94	12.8	6.4	1.6	0.6	2.20	2.75	3.71	
12	2.56	13.7	5.8	1.5	0.2	2.13	2.44	3.06	
Summary	36.99	155.8	82.1	22.7	5.6	25.58	34.99	47.55	

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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	15.00	8.3	6.1	1.5	0.5	0.0					8.00	11.90	20.00
02	12.70	7.2	5.5	1.1	0.5	0.0					7.90	10.60	13.40
03	11.80	5.1	3.9	1.3	0.6	0.2					3.20	8.00	15.00
04	2.10	1.1	1.0	0.4	0.2	0.0					0.00	1.00	3.90
05	0.10	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					0.00	0.00	0.00
07	0.00	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					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	0.20	0.2	0.1	0.0	0.0	0.0					0.00	0.00	0.00
11	3.80	2.1	1.6	0.4	0.2	0.0					0.00	0.70	5.50
12	10.50	5.3	3.7	0.9	0.3	0.1					4.50	9.20	13.40
Summary	56.2	29.3	21.9	5.6	2.3	0.3	0.0	0.0	0.0	0.0	23.6	41.4	71.2

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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	11.1	10.1	48.9	200.0	531.4	782.9	939.2	892.7	660.0	340.9	110.2	22.8
45	4.3	3.0	22.4	115.9	384.1	633.0	784.2	737.7	510.5	213.2	54.2	7.7
50	1.2	0.6	9.3	60.1	253.5	483.8	629.2	582.7	365.3	117.3	21.5	2.0
55	0.1	0.1	4.1	28.6	150.0	338.9	474.2	427.9	233.5	54.6	6.0	0.5
60	0.0	0.0	1.6	12.3	75.9	207.9	320.7	276.3	127.4	20.1	1.0	0.1
Growing Degree Units for Corn (Monthly)												
50/86	4.7	5.5	30.0	115.5	304.2	488.8	622.3	580.4	392.3	171.3	49.9	9.1

Growing Degree Units (Accumulated Monthly)												
40	11	21	70	270	802	1584	2524	3416	4076	4417	4527	4550
45	4	7	30	146	530	1163	1947	2685	3195	3408	3462	3470
50	1	2	11	71	325	808	1438	2020	2386	2503	2525	2527
55	0	0	4	33	183	522	996	1424	1657	1712	1718	1718
60	0	0	2	14	90	298	618	895	1022	1042	1043	1043
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	5	10	40	156	460	949	1571	2151	2544	2715	2765	2774

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