

Summary of Monthly Normals
1991-2020

Generated on 05/16/2024

Current Location: Elev: 913 ft. Lat: 43.0297° N Lon: 78.1683° W

Station: BATAVIA, NY US USC00300443

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	31.0	15.8	23.4	4.8	5.3	4.9	0.2	0.1	0.0	0.0	0.0	0.0	979.7	1041.6	1134.5	1289.5	0.0	0.0	2.8	15.7	27.8	2.9
02	33.1	16.6	24.9	5.5	5.4	5.3	0.1	0.0	0.0	0.0	0.0	0.0	844.2	900.1	984.1	1124.1	0.0	0.0	3.2	12.3	25.5	2.0
03	42.4	24.3	33.4	5.3	4.4	4.8	5.2	3.3	1.5	0.2	0.0	0.0	676.3	736.4	827.6	981.3	0.0	0.0	9.5	6.1	23.0	0.5
04	55.7	34.9	45.3	3.9	2.9	3.2	29.7	20.4	10.6	2.7	0.3	0.1	320.7	371.4	451.6	593.6	0.0	0.0	21.4	0.4	11.0	0.0
05	67.9	46.7	57.3	3.7	3.2	3.4	152.1	118.2	77.1	32.8	9.6	4.7	80.8	109.0	160.9	271.6	0.0	0.2	30.1	0.0	0.5	0.0
06	76.4	56.1	66.3	2.3	1.7	1.8	342.3	286.7	208.4	102.9	36.0	20.4	4.9	9.2	21.0	65.4	0.0	1.1	30.0	0.0	0.0	0.0
07	80.0	60.7	70.4	3.2	2.8	2.8	475.8	414.0	322.2	180.0	74.1	46.2	0.0	0.3	1.4	14.3	0.0	2.8	31.0	0.0	0.0	0.0
08	78.5	59.3	68.9	2.4	2.0	2.1	431.1	369.5	279.0	144.1	49.8	27.2	0.2	0.7	3.1	23.3	0.0	1.2	31.0	0.0	0.0	0.0
09	72.4	52.4	62.4	2.5	2.3	2.3	243.5	196.0	133.7	56.6	17.6	9.7	21.6	34.1	61.8	134.6	0.0	0.3	30.0	0.0	0.1	0.0
10	60.0	41.8	50.9	2.9	2.6	2.6	60.8	42.8	22.8	5.5	0.7	0.2	187.9	231.9	304.9	442.6	0.0	0.0	26.9	0.0	2.9	0.0
11	47.6	31.8	39.7	4.7	3.4	4.0	6.7	3.5	0.9	0.0	0.0	0.0	465.7	522.5	609.9	759.0	0.0	0.0	13.9	1.5	14.8	0.0
12	36.2	22.3	29.3	4.9	4.3	4.5	0.3	0.1	0.0	0.0	0.0	0.0	798.5	860.2	953.2	1108.2	0.0	0.0	4.6	9.3	25.4	0.4
Summary	56.8	38.6	47.7	3.8	3.4	3.5	1748	1455	1056	525	188	109	4380	4817	5514	6808	0.0	5.6	234.4	45.3	131.0	5.8

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	2.47	14.8	6.9	1.3	0.3	1.59	2.35	2.95	
02	1.90	12.1	5.6	0.8	0.2	1.50	1.79	2.18	
03	2.43	11.7	6.3	1.4	0.4	1.52	2.47	3.25	
04	3.17	13.4	8.3	2.1	0.5	1.88	2.93	4.17	
05	3.23	12.5	8.0	1.9	0.6	2.34	2.95	4.26	
06	3.69	11.7	8.0	2.6	0.6	2.34	3.48	4.93	
07	3.53	10.9	7.0	2.4	0.8	2.19	3.02	4.88	
08	3.25	10.4	6.8	2.4	1.0	2.60	3.24	3.88	
09	3.62	11.9	7.0	2.3	0.9	2.77	3.08	4.59	
10	3.60	14.6	8.2	2.3	0.5	2.55	3.36	4.85	
11	2.92	12.4	7.1	1.5	0.5	1.95	2.71	3.60	
12	2.76	14.1	7.0	1.4	0.3	2.10	2.60	3.04	
Summary	36.57	150.5	86.2	22.4	6.6	25.33	33.98	46.58	

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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	23.00	9.2	7.3	2.8	1.1	0.1					13.50	22.60	32.60
02	18.60	6.5	5.0	2.1	0.8	0.1					8.40	18.90	23.80
03	11.40	3.5	2.9	1.4	0.8	0.3					2.80	9.00	15.70
04	1.70	0.9	0.7	0.2	0.0	0.0					0.00	0.50	2.00
05	0.00	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	0.40	0.1	0.1	0.0	0.0	0.0					0.00	0.00	0.00
11	5.80	1.3	1.0	0.5	0.3	0.1					0.00	3.10	7.90
12	13.00	5.1	4.3	2.0	1.0	0.3					7.20	12.30	20.20
Summary	73.9	26.6	21.3	9.0	4.0	0.9	0.0	0.0	0.0	0.0	31.9	66.4	102.2

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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	10.2	10.8	61.8	214.2	537.2	787.4	940.7	895.8	671.9	348.3	114.7	21.4
45	3.1	3.5	30.4	125.9	389.4	637.4	785.7	740.8	522.7	222.1	57.3	7.6
50	0.7	1.0	13.6	65.5	257.5	488.1	630.7	585.8	377.0	125.7	23.7	2.3
55	0.2	0.1	5.2	29.7	152.1	342.3	475.8	431.1	243.5	60.8	6.7	0.3
60	0.0	0.0	1.5	10.6	77.1	208.4	322.2	279.0	133.7	22.8	0.9	0.0
Growing Degree Units for Corn (Monthly)												
50/86	5.1	8.0	38.9	129.5	313.8	497.2	622.1	584.1	405.9	181.9	56.3	9.4

Growing Degree Units (Accumulated Monthly)												
40	10	21	83	297	834	1622	2562	3458	4130	4478	4593	4614
45	3	7	37	163	552	1190	1975	2716	3239	3461	3518	3526
50	1	2	15	81	338	826	1457	2043	2420	2546	2569	2572
55	0	0	6	35	187	530	1005	1436	1680	1741	1748	1748
60	0	0	2	12	89	298	620	899	1032	1055	1056	1056
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	5	13	52	182	495	992	1615	2199	2605	2786	2843	2852

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