

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 878 ft. Lat: 44.8417° N Lon: 74.3061° W

Station: MALONE, NY US USC00304996

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	24.1	5.7	14.9	5.1	6.7	5.8	0.1	0.0	0.0	0.0	0.0	0.0	1243.0	1304.9	1397.8	1552.9	0.0	0.0	1.4	22.2	29.9	11.8
02	26.5	7.2	16.8	5.5	6.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1068.1	1124.1	1208.1	1348.1	0.0	0.0	1.0	18.8	27.1	9.3
03	35.3	17.2	26.2	4.8	5.3	5.0	1.8	1.3	0.6	0.0	0.0	0.0	893.0	954.5	1046.8	1201.2	0.0	0.0	4.7	13.2	27.7	3.7
04	50.4	31.1	40.7	3.7	2.8	3.1	13.4	9.3	5.1	1.3	0.1	0.0	441.0	496.8	582.6	728.8	0.0	0.0	15.0	1.4	18.0	0.0
05	64.4	44.3	54.3	3.7	2.8	3.1	103.2	77.3	46.8	16.6	4.3	2.1	123.4	159.5	222.1	346.9	0.0	0.1	28.8	0.0	2.5	0.0
06	72.6	54.1	63.3	2.2	1.9	1.9	264.8	214.7	147.6	65.6	21.4	12.2	14.4	24.2	47.2	115.2	0.0	0.3	29.9	0.0	0.0	0.0
07	77.0	58.7	67.8	2.4	1.9	2.1	398.7	337.7	249.5	123.2	42.7	24.3	0.4	1.4	6.3	35.0	0.0	0.5	31.0	0.0	0.0	0.0
08	75.4	56.2	65.8	2.3	1.8	2.0	337.3	278.9	197.2	87.2	24.3	11.9	2.6	6.1	17.5	62.4	0.0	0.3	31.0	0.0	0.0	0.0
09	68.7	48.2	58.5	2.7	2.7	2.6	162.0	124.8	79.0	30.6	8.3	4.3	58.6	81.4	125.6	227.2	0.0	0.1	29.5	0.0	0.8	0.0
10	55.1	37.7	46.4	3.2	3.2	3.1	30.1	19.9	9.4	1.9	0.2	0.0	296.7	348.4	431.0	578.5	0.0	0.0	21.1	0.1	9.5	0.0
11	42.6	27.0	34.8	4.5	4.0	4.1	3.4	1.8	0.5	0.0	0.0	0.0	609.4	667.8	756.6	906.1	0.0	0.0	8.1	5.7	21.6	0.4
12	30.8	15.1	22.9	4.9	5.3	5.0	0.1	0.0	0.0	0.0	0.0	0.0	993.5	1055.5	1148.5	1303.5	0.0	0.0	2.3	16.8	28.5	4.7
Summary	51.9	33.5	42.7	3.8	3.7	3.6	1315	1066	736	326	101	55	5744	6225	6990	8406	0.0	1.3	203.8	78.2	165.6	29.9

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

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

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	2.42	16.9	6.7	1.1	0.1	1.58	2.14	2.68	
02	1.98	13.8	5.8	0.7	0.1	1.56	1.78	2.33	
03	2.37	13.1	6.6	1.2	0.1	1.58	2.44	3.09	
04	3.31	13.5	8.3	2.0	0.5	2.27	3.48	4.15	
05	3.33	13.9	8.2	1.9	0.5	1.96	3.09	4.44	
06	4.50	14.6	8.7	3.0	0.9	2.74	3.94	5.48	
07	3.97	13.1	7.6	2.8	0.8	2.91	3.89	5.10	
08	3.85	12.1	7.6	2.5	0.9	2.50	3.56	5.21	
09	4.04	12.0	7.6	2.4	0.9	2.91	3.63	4.90	
10	4.30	14.4	9.0	2.7	0.9	2.90	4.09	5.29	
11	3.11	14.7	8.2	1.5	0.3	2.16	3.18	3.85	
12	2.74	17.0	8.0	1.3	0.1	2.07	2.51	3.43	
Summary	39.92	169.1	92.3	23.1	6.1	27.14	37.73	49.95	

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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	22.70	13.8	8.8	2.1	0.9	0.0	27.8	22.6	17.1	8.5	16.30	22.80	27.70
02	20.20	11.5	7.5	2.3	1.0	0.1	26.0	22.2	18.6	11.8	15.00	19.10	26.80
03	17.00	8.2	5.6	1.7	0.9	0.2	21.9	18.4	16.0	10.8	9.40	14.30	21.90
04	7.10	3.5	1.9	0.8	0.3	0.1	5.7	3.3	2.3	1.4	1.50	3.80	9.50
05	0.30	0.2	0.1	0.0	0.0	0.0	0.2	0.1	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	1.40	0.8	0.5	0.1	0.1	0.0	0.8	0.4	0.1	0.0	0.00	0.00	2.00
11	8.80	5.3	3.1	0.8	0.3	0.1	8.3	4.0	2.2	0.3	3.50	8.00	12.50
12	20.60	11.3	7.7	2.1	0.9	0.1	21.1	14.6	10.3	4.1	10.60	19.00	26.30
Summary	98.1	54.6	35.2	9.9	4.4	0.6	111.8	85.6	66.6	36.9	56.3	87.0	126.7

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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	5.0	3.2	22.3	130.5	448.6	700.5	863.3	799.7	554.1	237.2	64.0	9.8
45	1.9	0.7	9.3	68.7	308.6	550.9	708.3	644.8	408.9	139.0	29.5	2.7
50	0.6	0.1	3.9	32.3	190.9	403.5	553.3	489.9	274.4	70.1	11.5	0.5
55	0.1	0.0	1.8	13.4	103.2	264.8	398.7	337.3	162.0	30.1	3.4	0.1
60	0.0	0.0	0.6	5.1	46.8	147.6	249.5	197.2	79.0	9.4	0.5	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.6	2.5	13.8	77.8	250.3	419.5	553.3	498.2	321.8	119.2	31.5	4.8

Growing Degree Units (Accumulated Monthly)												
40	5	8	30	161	610	1310	2173	2973	3527	3764	3828	3838
45	2	3	12	81	389	940	1648	2293	2702	2841	2871	2873
50	1	1	5	37	228	631	1185	1674	1949	2019	2030	2031
55	0	0	2	15	118	383	782	1119	1281	1311	1315	1315
60	0	0	1	6	52	200	450	647	726	735	736	736
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	5	19	97	347	766	1320	1818	2140	2259	2290	2295

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