

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 448 ft. Lat: 44.5772° N Lon: 75.1097° W

Station: CANTON 4 SE, NY US USW00014743

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	26.9	6.6	16.8	4.8	7.1	5.9	0.2	0.1	0.0	0.0	0.0	0.0	1185.7	1247.7	1340.6	1495.6	0.0	0.0	1.6	20.0	29.6	11.4
02	29.9	8.4	19.1	5.2	6.4	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1003.7	1059.8	1143.8	1283.8	0.0	0.0	1.4	16.0	26.9	8.4
03	38.9	19.0	29.0	4.7	5.3	4.9	2.3	1.6	0.7	0.0	0.0	0.0	809.8	871.1	963.2	1117.5	0.0	0.0	5.9	9.3	27.0	3.0
04	53.3	32.5	42.9	3.7	2.7	2.9	19.6	13.3	7.2	1.8	0.3	0.0	382.6	436.3	520.2	664.8	0.0	0.0	18.3	0.5	16.0	0.0
05	66.7	45.2	55.9	3.6	2.8	3.1	125.7	95.9	59.9	22.5	6.3	3.4	96.4	128.5	185.5	303.1	0.0	0.1	29.6	0.0	2.6	0.0
06	75.2	54.6	64.9	2.6	2.2	2.1	305.7	252.4	180.7	85.2	29.0	16.7	8.8	15.5	33.7	88.3	0.0	0.5	30.0	0.0	0.0	0.0
07	79.6	59.2	69.4	3.0	2.2	2.5	446.4	385.1	294.9	159.3	63.4	39.8	0.2	0.8	3.6	23.0	0.0	1.2	31.0	0.0	0.0	0.0
08	78.0	56.7	67.3	2.4	1.9	2.0	384.7	325.4	241.1	119.3	40.5	22.9	1.9	4.6	13.3	46.5	0.0	0.7	31.0	0.0	0.0	0.0
09	70.8	48.8	59.8	2.9	2.8	2.7	190.1	149.7	98.2	40.1	12.1	6.6	46.2	65.8	104.3	196.2	0.0	0.1	29.7	0.0	1.1	0.0
10	57.8	38.2	48.0	3.2	3.5	3.1	39.8	27.4	13.9	3.0	0.4	0.1	256.8	306.4	385.9	529.9	0.0	0.0	24.2	0.0	9.3	0.0
11	45.3	28.2	36.7	4.6	3.4	3.8	4.3	2.4	0.9	0.1	0.0	0.0	551.8	609.9	698.4	847.6	0.0	0.0	9.5	3.3	20.6	0.2
12	33.5	16.0	24.8	4.6	5.6	5.0	0.1	0.0	0.0	0.0	0.0	0.0	937.7	999.7	1092.7	1247.7	0.0	0.0	3.2	14.5	28.3	4.3
Summary	54.7	34.4	44.6	3.8	3.8	3.6	1519	1253	898	431	152	89	5282	5746	6485	7844	0.0	2.6	215.4	63.6	161.4	27.3

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	2.23	12.5	6.0	1.1	0.3	1.58	2.13	2.68
02	1.99	10.6	5.4	1.2	0.1	1.42	1.93	2.40
03	2.29	10.6	6.1	1.1	0.2	1.39	2.48	2.97
04	3.05	11.7	7.4	1.6	0.4	2.31	2.79	3.71
05	3.15	13.0	8.2	1.9	0.4	2.05	2.90	4.41
06	3.82	13.3	8.7	3.0	0.6	1.96	3.55	5.49
07	3.92	12.8	7.5	2.8	1.0	3.10	3.96	4.38
08	3.41	11.2	6.6	2.0	0.9	2.57	3.32	4.57
09	3.94	11.8	8.5	3.1	0.9	3.23	3.57	4.47
10	4.85	13.8	8.8	2.5	1.0	3.22	4.52	6.62
11	2.91	12.1	7.1	1.5	0.4	2.28	2.75	3.57
12	2.63	13.8	7.2	1.6	0.2	2.00	2.61	3.19
Summary	38.19	147.2	87.5	23.4	6.4	27.11	36.51	48.46

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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	18.90	10.5	7.5	2.3	0.9	0.1	24.7	19.6	13.9	6.4	10.60	16.50	26.00
02	17.50	8.4	6.3	2.3	1.1	0.0	24.2	19.7	15.7	6.8	10.00	14.00	25.30
03	12.50	5.4	3.7	1.5	0.6	0.2	17.2	12.8	10.0	3.9	5.40	11.90	17.40
04	3.50	1.8	1.1	0.3	0.2	0.0	2.3	1.2	0.7	0.1	0.00	2.00	5.30
05	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
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	0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
11	5.10	2.9	2.2	0.6	0.3	0.0	5.2	2.6	1.1	0.1	1.80	4.50	7.50
12	19.60	8.2	6.1	2.1	0.8	0.1	17.7	12.5	7.4	2.3	12.40	18.60	24.80
Summary	77.3	37.3	27.0	9.1	3.9	0.4	91.5	68.5	48.8	19.6	40.2	67.5	106.3

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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	6.6	5.0	33.0	163.2	496.2	747.0	911.3	847.8	594.5	273.9	77.9	13.6
45	2.6	1.3	14.2	90.7	351.2	597.1	756.3	692.8	447.8	165.6	36.3	4.1
50	1.0	0.1	5.5	45.1	225.2	448.4	601.3	537.9	310.3	88.3	14.2	0.7
55	0.2	0.0	2.3	19.6	125.7	305.7	446.4	384.7	190.1	39.8	4.3	0.1
60	0.0	0.0	0.7	7.2	59.9	180.7	294.9	241.1	98.2	13.9	0.9	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.4	3.7	21.6	100.1	288.6	468.0	600.3	548.2	361.7	149.4	41.8	7.3
Growing Degree Units (Accumulated Monthly)												
40	7	12	45	208	704	1451	2362	3210	3805	4079	4156	4170
45	3	4	18	109	460	1057	1813	2506	2954	3120	3156	3160
50	1	1	7	52	277	725	1327	1864	2175	2263	2277	2278
55	0	0	2	22	148	454	900	1285	1475	1514	1519	1519
60	0	0	1	8	68	248	543	784	883	897	898	898
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	7	29	129	417	885	1486	2034	2396	2545	2587	2594

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