

Summary of Monthly Normals
1991-2020

Current Location: Elev: 320 ft. Lat: 41.3906° N Lon: 73.9608° W
Station: WEST POINT, NY US USC00309292

Generated on 05/20/2024

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	35.8	20.7	28.2	4.3	4.7	4.4	0.1	0.0	0.0	0.0	0.0	0.0	829.1	891.0	984.1	1139.1	0.0	0.0	3.5	11.5	27.0	1.2
02	38.9	22.4	30.6	4.6	4.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0	681.7	737.7	821.7	961.7	0.0	0.0	4.3	6.6	24.4	0.2
03	47.4	29.5	38.5	4.5	3.5	3.9	5.1	3.2	1.7	0.2	0.0	0.0	518.0	578.2	669.7	823.2	0.0	0.0	12.4	1.7	19.5	0.0
04	60.4	40.5	50.4	3.0	2.0	2.4	49.9	35.2	19.7	6.7	1.9	1.0	186.5	231.7	306.2	443.2	0.0	0.3	25.4	0.0	3.7	0.0
05	71.5	50.6	61.1	3.2	2.6	2.8	208.7	162.0	104.7	44.0	14.1	7.6	21.3	36.5	72.2	166.5	0.0	1.1	30.9	0.0	0.0	0.0
06	79.9	59.8	69.8	2.5	1.3	1.7	446.2	387.1	301.4	172.3	75.4	48.8	0.8	1.7	6.0	26.9	0.0	3.4	30.0	0.0	0.0	0.0
07	85.2	65.4	75.3	2.7	2.1	2.3	629.2	567.2	474.2	319.9	176.6	127.0	0.0	0.0	0.0	0.7	0.2	7.6	31.0	0.0	0.0	0.0
08	83.3	63.9	73.6	2.5	2.0	2.1	576.5	514.5	421.8	270.2	135.6	91.1	0.0	0.0	0.3	3.7	0.0	4.7	31.0	0.0	0.0	0.0
09	76.0	56.7	66.4	2.7	2.0	2.1	344.0	288.0	210.2	105.1	38.4	22.7	3.6	7.6	19.7	64.7	0.0	1.1	30.0	0.0	0.0	0.0
10	63.4	45.6	54.5	2.6	2.8	2.5	87.6	60.7	32.3	9.2	1.9	0.9	103.1	138.3	202.8	334.7	0.0	0.0	29.2	0.0	0.9	0.0
11	51.4	35.5	43.5	3.9	2.3	2.9	6.9	3.6	1.1	0.0	0.0	0.0	353.4	410.1	497.6	646.5	0.0	0.0	16.0	0.3	10.6	0.0
12	40.7	27.1	33.9	4.1	3.9	3.9	0.5	0.2	0.0	0.0	0.0	0.0	654.5	716.2	809.0	964.0	0.0	0.0	4.8	5.8	23.6	0.0
Summary	61.2	43.1	52.1	3.4	2.8	3.0	2355	2022	1567	928	444	299	3352	3749	4389	5575	0.2	18.2	248.5	25.9	109.7	1.4

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	3.82	9.8	7.3	3.1	0.8	2.29	3.29	4.85
02	2.95	8.3	5.9	1.9	0.6	2.02	2.73	3.27
03	4.04	9.3	6.7	2.6	1.1	3.10	3.61	4.72
04	4.00	10.5	7.4	2.6	1.0	2.66	3.82	5.19
05	3.84	11.8	8.4	2.4	0.7	3.18	3.58	4.47
06	4.61	11.4	7.9	3.4	1.2	2.76	4.24	6.31
07	4.57	9.8	7.3	2.7	1.4	3.18	4.34	5.53
08	4.96	9.6	6.9	3.2	1.5	3.07	4.26	5.70
09	4.57	8.2	6.2	3.2	1.5	1.91	3.90	5.81
10	5.29	9.6	7.0	3.0	1.5	3.16	4.94	6.45
11	4.23	9.0	5.7	2.7	1.3	2.95	4.06	5.50
12	4.59	10.4	7.2	3.2	1.1	3.38	4.54	5.61
Summary	51.47	117.7	83.9	34.0	13.7	33.66	47.31	63.41

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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	11.10	3.8	3.0	1.3	0.7	0.1					4.10	7.90	14.90
02	7.10	2.4	2.1	1.3	0.7	0.2					1.90	4.50	9.30
03	9.60	2.0	1.9	1.0	0.6	0.1					0.00	4.00	17.00
04	0.40	0.2	0.1	0.1	0.0	0.0					0.00	0.00	0.00
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	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	0.50	0.2	0.2	0.1	0.0	0.0					0.00	0.00	0.00
12	7.00	1.9	1.5	0.7	0.4	0.1					1.00	3.50	8.40
Summary	35.7	10.5	8.8	4.5	2.4	0.5	0.0	0.0	0.0	0.0	7.0	19.9	49.6

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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	13.9	14.4	84.9	323.9	652.5	895.4	1094.1	1041.5	790.4	451.0	155.6	33.7
45	3.5	3.3	37.3	200.4	497.8	745.4	939.1	886.4	640.4	305.7	75.8	10.7
50	0.9	0.5	15.1	107.7	346.3	595.5	784.1	731.5	490.8	179.8	27.8	2.7
55	0.1	0.0	5.1	49.9	208.7	446.2	629.2	576.5	344.0	87.6	6.9	0.5
60	0.0	0.0	1.7	19.7	104.7	301.4	474.2	421.8	210.2	32.3	1.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	6.7	9.8	48.7	175.8	376.1	586.5	753.1	713.2	498.7	233.2	69.4	13.4

Growing Degree Units (Accumulated Monthly)												
40	14	28	113	437	1090	1985	3079	4121	4911	5362	5518	5551
45	4	7	44	244	742	1488	2427	3313	3954	4259	4335	4346
50	1	1	16	124	470	1066	1850	2582	3072	3252	3280	3283
55	0	0	5	55	264	710	1339	1916	2260	2347	2354	2355
60	0	0	2	21	126	428	902	1324	1534	1566	1567	1567
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	7	16	65	241	617	1204	1957	2670	3169	3402	3471	3485

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