

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 1550 ft. Lat: 43.4361° N Lon: 75.3697° W
Station: **BOONVILLE 4 SSW, NY US USC00300785**

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	24.6	8.2	16.4	4.7	6.1	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1196.4	1258.4	1351.4	1506.5	0.0	0.0	0.7	23.1	30.0	9.6
02	27.2	9.3	18.3	4.7	5.5	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1029.0	1085.0	1169.0	1309.0	0.0	0.0	0.6	19.7	27.3	7.5
03	35.5	17.6	26.6	4.8	4.8	4.7	1.6	0.9	0.2	0.0	0.0	0.0	883.5	944.8	1037.1	1191.9	0.0	0.0	3.8	12.4	28.0	2.8
04	49.5	30.2	39.9	3.9	2.9	3.3	11.5	7.4	3.6	0.9	0.1	0.0	465.9	521.9	608.1	755.4	0.0	0.0	15.0	1.9	18.7	0.0
05	63.0	42.6	52.8	3.9	3.1	3.3	81.0	58.4	33.6	10.0	1.2	0.2	149.3	188.7	256.9	388.2	0.0	0.0	28.0	0.0	3.2	0.0
06	70.9	51.6	61.3	2.2	2.1	1.9	207.6	160.5	100.6	35.3	7.9	3.5	20.2	33.0	63.2	147.9	0.0	0.0	29.9	0.0	0.1	0.0
07	74.9	56.2	65.5	2.9	2.2	2.4	328.0	268.3	183.5	72.9	16.9	7.2	1.1	3.3	11.5	55.9	0.0	0.1	31.0	0.0	0.0	0.0
08	73.9	55.0	64.4	2.3	1.8	1.9	295.1	236.5	156.9	57.6	10.7	4.3	2.2	5.7	19.0	74.7	0.0	0.0	31.0	0.0	0.0	0.0
09	66.8	47.6	57.2	2.8	2.5	2.5	129.9	95.7	55.9	16.9	2.9	0.9	64.0	89.7	139.9	250.9	0.0	0.0	29.5	0.0	0.7	0.0
10	54.0	36.6	45.3	3.0	2.9	2.9	18.4	10.7	4.0	0.5	0.0	0.0	319.1	373.4	459.6	611.2	0.0	0.0	20.9	0.3	10.0	0.0
11	41.3	26.0	33.7	4.3	3.2	3.7	0.9	0.3	0.0	0.0	0.0	0.0	641.4	700.8	790.5	940.5	0.0	0.0	7.0	6.5	22.6	0.3
12	30.2	16.0	23.1	4.2	4.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	988.9	1050.8	1143.8	1298.9	0.0	0.0	1.4	18.3	29.2	3.1
Summary	51.0	33.1	42.0	3.6	3.5	3.4	1074	839	538	194	40	16	5761	6256	7050	8531	0.0	0.1	198.8	82.2	169.8	23.3

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	4.92	19.6	11.1	2.7	0.8	3.80	4.54	6.05
02	3.97	15.7	9.6	2.4	0.5	3.16	3.86	4.65
03	4.15	14.7	9.5	2.7	0.6	2.98	3.81	4.99
04	4.56	14.3	8.9	3.2	0.8	3.15	4.34	5.78
05	4.64	14.2	9.3	3.2	0.9	2.74	4.39	6.31
06	5.27	13.5	8.9	3.5	1.6	3.24	4.91	6.45
07	4.60	13.0	8.6	2.9	1.0	3.18	4.66	5.35
08	4.69	12.7	8.1	3.0	1.3	3.09	4.34	6.00
09	4.94	12.6	8.4	3.5	1.3	3.94	4.76	5.96
10	6.11	16.2	10.8	4.3	1.3	4.39	6.02	7.47
11	5.04	15.6	10.2	3.0	1.0	3.94	5.19	5.84
12	5.27	18.9	11.8	3.5	0.9	4.02	4.87	6.70
Summary	58.16	181.0	115.2	37.9	12.0	41.63	55.69	71.55

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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	39.70	17.4	11.8	4.8	2.5	0.6	29.1	26.6	24.1	18.1	28.50	34.40	47.90
02	39.20	14.7	9.9	4.8	2.6	0.2	27.6	27.0	26.1	24.2	32.40	40.70	46.80
03	26.70	10.1	7.1	2.6	1.3	0.4	27.2	26.1	25.2	23.1	12.20	24.70	36.70
04	6.20	3.8	2.2	0.4	0.2	0.1	8.8	7.0	6.0	4.4	1.10	4.30	8.50
05	0.20	0.2	0.0	0.0	0.0	0.0	0.1	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	1.40	0.8	0.5	0.1	0.0	0.0	0.6	0.2	0.0	0.0	0.00	0.00	2.90
11	15.50	6.6	4.6	1.8	1.0	0.2	9.9	6.9	4.7	1.9	5.70	13.70	20.60
12	35.10	14.0	9.9	4.5	2.1	0.3	24.3	20.2	16.6	9.7	23.80	35.00	44.90
Summary	164.0	67.6	46.0	19.0	9.7	1.8	127.6	114.0	102.7	81.4	103.7	152.8	208.3

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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	2.9	1.3	18.0	114.7	404.3	637.5	792.0	757.9	516.6	208.0	46.2	5.2
45	0.8	0.0	7.7	60.3	269.7	488.0	636.9	602.8	371.3	113.9	18.3	1.2
50	0.2	0.0	3.6	28.6	159.2	342.2	481.9	448.0	238.2	51.8	5.2	0.3
55	0.0	0.0	1.6	11.5	81.0	207.6	328.0	295.1	129.9	18.4	0.9	0.0
60	0.0	0.0	0.2	3.6	33.6	100.6	183.5	156.9	55.9	4.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.7	0.6	11.0	70.9	225.3	367.3	486.6	458.0	285.6	100.1	20.9	2.3

Growing Degree Units (Accumulated Monthly)												
40	3	4	22	137	541	1179	1971	2729	3245	3453	3499	3505
45	1	1	8	69	338	826	1463	2066	2438	2551	2570	2571
50	0	0	4	32	192	534	1016	1464	1702	1754	1759	1759
55	0	0	2	13	94	302	630	925	1055	1073	1074	1074
60	0	0	0	4	37	138	322	478	534	538	538	538
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	1	12	83	308	676	1162	1620	1906	2006	2027	2029

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