

Summary of Monthly Normals
1991-2020

Generated on 05/03/2024

Current Location: Elev: 1080 ft. Lat: 44.5378° N Lon: 90.5350° W
Station: NEILLSVILLE 3ESE, WI US USC00475808

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	23.5	5.4	14.4	4.8	6.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1256.7	1318.8	1411.9	1566.9	0.0	0.0	0.2	23.6	30.8	12.3
02	28.7	8.2	18.4	5.7	7.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	1023.2	1079.3	1163.4	1303.4	0.0	0.0	1.0	17.0	27.5	8.5
03	41.0	19.8	30.4	5.5	5.7	5.5	3.8	2.5	1.1	0.0	0.0	0.0	766.4	827.1	918.8	1072.7	0.0	0.0	7.0	6.7	27.0	2.7
04	55.4	31.9	43.6	4.8	3.3	3.8	18.8	12.7	5.9	1.1	0.0	0.0	359.4	413.2	496.4	641.6	0.0	0.0	19.9	0.8	17.5	0.0
05	67.8	43.7	55.7	3.4	2.9	2.9	119.0	89.3	54.6	19.1	4.3	2.0	95.9	128.1	186.3	305.9	0.0	0.3	29.8	0.0	3.8	0.0
06	76.6	53.9	65.2	2.5	2.4	2.3	315.1	261.0	185.6	84.8	26.1	14.0	7.7	13.6	28.1	77.4	0.0	1.1	30.0	0.0	0.3	0.0
07	80.4	57.6	69.0	3.1	2.7	2.8	434.3	372.9	282.9	149.4	55.5	32.6	0.4	1.0	3.9	25.4	0.0	2.1	31.0	0.0	0.0	0.0
08	78.2	55.6	66.9	2.6	2.8	2.5	369.8	309.9	223.9	105.4	34.5	19.3	1.0	3.1	10.1	46.5	0.0	1.1	31.0	0.0	0.0	0.0
09	70.8	47.3	59.1	3.5	2.8	2.9	171.3	133.0	86.2	33.4	8.8	4.0	49.9	71.5	114.7	211.9	0.0	0.1	29.8	0.0	1.9	0.0
10	57.7	36.0	46.8	3.7	2.6	2.9	32.1	20.9	10.4	2.7	0.9	0.5	284.8	335.5	418.1	565.4	0.0	0.0	23.5	0.0	13.0	0.0
11	41.9	24.4	33.1	6.3	4.7	5.4	1.6	0.8	0.1	0.0	0.0	0.0	657.1	716.3	805.6	955.5	0.0	0.0	8.0	6.1	25.2	0.5
12	28.9	12.7	20.8	4.9	6.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1060.1	1122.1	1215.2	1370.2	0.0	0.0	0.8	17.9	30.1	6.9
Summary	54.2	33.0	43.6	4.2	4.1	4.0	1466	1203	851	396	130	72	5563	6030	6773	8143	0.0	4.7	212.0	72.1	177.1	30.9

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	1.11	7.4	3.9	0.4	0.0	0.68	0.99	1.49
02	1.08	6.3	3.4	0.5	0.0	0.62	0.93	1.36
03	1.74	7.8	4.8	0.8	0.1	0.95	1.66	2.20
04	3.26	10.6	6.9	2.1	0.8	1.94	3.06	4.28
05	4.45	12.3	8.5	3.2	0.8	3.48	4.28	4.95
06	5.34	12.5	8.7	3.7	1.5	3.65	5.21	6.76
07	3.85	10.0	6.2	2.7	1.1	2.37	3.84	5.47
08	4.36	10.4	7.2	3.1	1.1	2.96	4.09	6.11
09	4.01	10.1	6.6	2.4	1.1	2.36	2.98	5.08
10	3.08	9.3	5.7	2.1	0.7	1.90	2.71	4.23
11	1.80	6.9	4.2	1.2	0.2	1.23	1.69	2.19
12	1.44	7.9	4.1	0.5	0.1	0.64	1.28	1.80
Summary	35.52	111.5	70.2	22.7	7.5	22.78	32.72	45.92

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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	9.10	5.8	4.0	1.0	0.2	0.0	25.9	22.9	19.4	9.3	4.00	6.00	16.20
02	9.40	5.0	3.5	1.0	0.4	0.0	25.8	23.1	20.8	11.3	6.20	7.90	9.40
03	7.70	3.3	2.6	0.8	0.3	0.1	18.0	14.0	10.8	5.9	3.80	6.00	11.90
04	2.70	1.5	1.2	0.5	0.1	0.0	3.1	1.7	0.9	0.2	0.00	2.00	4.00
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	0.40	0.3	0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
11	3.40	2.0	1.2	0.4	0.1	0.0	3.8	2.2	1.2	0.2	0.00	1.20	6.00
12	10.90	5.6	3.9	1.1	0.3	0.0	20.7	15.5	10.0	3.3	4.40	7.00	20.00
Summary	43.6	23.5	16.6	4.8	1.4	0.1	97.4	79.5	63.1	30.2	18.4	30.1	67.5

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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	0.0	3.0	40.4	178.9	490.5	757.2	898.7	833.6	571.7	248.0	47.6	3.3
45	0.0	0.6	19.1	97.5	344.8	607.6	743.9	678.8	425.0	144.9	19.4	0.8
50	0.0	0.0	9.1	45.1	217.4	459.1	588.9	523.8	288.0	74.4	6.8	0.1
55	0.0	0.0	3.8	18.8	119.0	315.1	434.3	369.8	171.3	32.1	1.6	0.0
60	0.0	0.0	1.1	5.9	54.6	185.6	282.9	223.9	86.2	10.4	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	2.0	29.8	126.2	298.2	474.8	586.9	533.4	348.5	148.6	29.3	1.7

Growing Degree Units (Accumulated Monthly)												
40	0	3	43	222	713	1470	2369	3202	3774	4022	4070	4073
45	0	1	20	117	462	1070	1814	2492	2917	3062	3082	3082
50	0	0	9	54	272	731	1320	1843	2131	2206	2213	2213
55	0	0	4	23	142	457	891	1261	1432	1464	1466	1466
60	0	0	1	7	62	247	530	754	840	851	851	851
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	32	158	456	931	1518	2051	2400	2548	2578	2580

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