

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 806 ft. Lat: 44.7631° N Lon: 88.6183° W

Station: SHAWANO 2SSW, WI US USC00477708

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	6.2	15.1	4.6	6.7	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1235.1	1297.2	1390.2	1545.2	0.0	0.0	0.1	23.7	30.4	11.1
02	28.4	8.5	18.4	5.4	6.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	1023.2	1079.3	1163.3	1303.3	0.0	0.0	0.5	17.7	27.4	8.6
03	40.3	19.6	29.9	5.1	5.2	5.0	2.6	1.8	0.8	0.1	0.0	0.0	779.2	840.4	932.4	1086.7	0.0	0.0	5.8	7.3	27.1	2.3
04	54.1	32.0	43.0	4.6	3.0	3.7	17.3	11.2	5.4	1.4	0.2	0.1	375.8	429.7	513.9	659.9	0.0	0.0	19.1	0.9	16.3	0.0
05	67.3	44.2	55.8	4.1	3.1	3.4	124.9	95.5	61.7	25.1	7.2	3.8	101.7	134.3	193.5	311.9	0.0	0.4	29.3	0.0	2.7	0.0
06	76.8	54.3	65.6	2.7	1.9	2.1	324.7	271.1	196.7	96.5	35.0	20.9	8.3	14.7	30.3	80.1	0.0	1.7	30.0	0.0	0.0	0.0
07	81.2	58.1	69.7	3.1	2.8	2.8	454.2	392.9	302.9	167.8	69.1	42.2	0.1	0.9	3.9	23.7	0.1	3.1	31.0	0.0	0.0	0.0
08	79.1	56.3	67.7	2.5	2.5	2.3	394.5	334.2	247.6	123.5	42.6	24.8	0.9	2.5	9.0	39.8	0.0	1.6	31.0	0.0	0.0	0.0
09	71.5	47.9	59.7	3.4	3.2	3.0	187.6	147.7	98.3	40.7	12.0	6.3	46.7	66.8	107.4	199.8	0.0	0.4	29.8	0.0	0.9	0.0
10	57.5	36.2	46.8	3.5	2.7	2.9	29.6	19.8	10.0	3.0	0.8	0.5	282.3	334.4	417.6	565.6	0.0	0.0	23.6	0.0	11.5	0.0
11	42.2	25.2	33.7	5.7	4.2	4.8	1.3	0.7	0.1	0.0	0.0	0.0	640.4	699.7	789.2	939.0	0.0	0.0	7.4	5.6	23.8	0.2
12	29.4	13.6	21.5	4.6	5.9	5.1	0.0	0.0	0.0	0.0	0.0	0.0	1038.3	1100.4	1193.4	1348.4	0.0	0.0	0.5	18.4	29.7	5.8
Summary	54.3	33.5	43.9	4.1	4.0	3.9	1537	1275	924	458	167	99	5532	6000	6744	8103	0.1	7.2	208.1	73.6	169.8	28.0

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	1.30	9.6	4.3	0.4	0.0	0.76	1.13	1.73
02	1.07	6.6	3.3	0.4	0.0	0.66	0.96	1.36
03	1.82	8.3	4.9	1.0	0.2	1.23	1.68	2.25
04	3.03	10.4	6.4	1.8	0.7	2.31	3.07	3.58
05	3.80	12.3	7.9	2.4	0.8	2.93	3.64	4.89
06	4.34	11.8	8.2	3.1	1.0	2.66	4.48	5.76
07	3.89	11.1	7.2	2.7	1.0	2.47	3.33	5.06
08	3.60	10.2	6.6	2.5	0.9	2.50	3.62	4.52
09	3.63	10.1	6.2	2.4	1.0	1.69	3.61	5.13
10	3.03	10.4	5.9	2.1	0.7	1.71	2.90	3.85
11	2.05	8.4	4.5	1.3	0.3	1.46	1.85	2.43
12	1.58	9.2	4.6	0.7	0.1	1.10	1.48	1.74
Summary	33.14	118.4	70.0	20.8	6.7	21.48	31.75	42.30

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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	11.80	7.8	4.4	1.2	0.4	0.0	27.1	22.0	17.2	8.0	5.90	10.10	15.90
02	10.80	5.5	3.5	1.4	0.6	0.0	27.1	23.2	18.3	9.2	6.00	9.40	12.90
03	7.40	4.2	2.7	1.0	0.3	0.1	18.2	13.4	8.4	3.1	4.20	6.60	10.00
04	4.30	1.8	1.5	0.5	0.2	0.0	3.3	1.5	0.7	0.4	0.30	3.30	4.80
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	0.30	0.3	0.2	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.00
11	3.50	2.3	1.2	0.3	0.1	0.0	4.4	1.5	0.6	0.0	0.50	2.20	4.00
12	9.80	6.5	3.8	1.2	0.5	0.0	19.7	13.9	10.8	3.0	6.00	8.20	15.70
Summary	47.9	28.4	17.3	5.6	2.1	0.1	100.1	75.6	56.0	23.7	22.9	39.8	63.3

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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	0.0	1.4	31.6	164.3	490.3	766.4	919.0	858.6	591.2	243.6	43.4	2.6
45	0.0	0.2	14.3	87.4	345.6	616.4	764.0	703.6	444.3	140.1	17.4	0.7
50	0.0	0.0	6.3	41.4	221.0	467.4	609.0	548.6	306.5	70.5	5.4	0.0
55	0.0	0.0	2.6	17.3	124.9	324.7	454.2	394.5	187.6	29.6	1.3	0.0
60	0.0	0.0	0.8	5.4	61.7	196.7	302.9	247.6	98.3	10.0	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	1.1	24.6	111.0	292.2	478.7	600.9	552.8	361.6	143.7	26.4	1.3

Growing Degree Units (Accumulated Monthly)												
40	0	1	33	197	688	1454	2373	3232	3823	4066	4110	4112
45	0	0	14	102	448	1064	1828	2532	2976	3116	3133	3134
50	0	0	6	48	269	736	1345	1894	2200	2271	2276	2276
55	0	0	3	20	145	470	924	1318	1506	1535	1537	1537
60	0	0	1	6	68	265	568	815	913	923	924	924
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	26	137	429	908	1508	2061	2423	2567	2593	2594

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