

Summary of Monthly Normals
1991-2020

Generated on 04/26/2024

Current Location: Elev: 837 ft. Lat: 44.3547° N Lon: 89.0594° W

Station: **WAUPACA, WI US USC00478951**

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	25.1	7.6	16.3	4.6	6.2	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1197.9	1260.0	1353.0	1508.0	0.0	0.0	0.3	22.5	30.4	9.8
02	29.2	10.4	19.8	5.5	6.2	5.8	0.0	0.0	0.0	0.0	0.0	0.0	985.4	1041.5	1125.5	1265.5	0.0	0.0	0.9	16.9	27.2	6.4
03	41.3	21.3	31.3	5.4	4.9	5.1	3.8	2.7	1.5	0.4	0.0	0.0	738.6	799.5	891.3	1045.1	0.0	0.0	6.5	6.5	26.2	1.6
04	55.1	32.7	43.9	4.8	3.0	3.7	19.7	13.0	6.5	2.0	0.3	0.1	352.7	406.0	489.5	634.9	0.0	0.0	19.5	0.6	14.4	0.0
05	68.2	44.9	56.6	3.7	3.0	3.2	136.1	104.8	67.7	27.4	8.0	4.3	88.2	118.8	174.8	289.4	0.0	0.5	29.7	0.0	1.7	0.0
06	77.4	54.7	66.1	2.6	2.1	2.2	337.6	283.1	206.4	101.9	36.9	21.8	6.2	11.7	25.0	70.5	0.0	1.8	30.0	0.0	0.0	0.0
07	82.0	58.8	70.4	3.3	2.8	2.9	477.4	415.7	324.6	183.5	77.5	49.0	0.1	0.4	2.3	16.2	0.2	3.7	31.0	0.0	0.0	0.0
08	79.5	57.2	68.4	2.6	2.6	2.4	414.2	353.5	265.4	135.4	47.5	27.4	0.4	1.7	6.6	31.7	0.0	1.8	31.0	0.0	0.0	0.0
09	71.7	48.9	60.3	3.2	3.1	2.9	197.8	155.7	102.5	42.3	12.1	5.8	38.9	56.8	93.6	183.4	0.0	0.2	29.7	0.0	0.5	0.0
10	57.9	36.9	47.4	3.2	2.3	2.5	31.9	21.1	10.3	2.4	0.7	0.4	267.5	318.7	400.9	548.0	0.0	0.0	24.0	0.0	9.4	0.0
11	43.1	25.8	34.4	5.6	4.2	4.8	2.1	1.1	0.2	0.0	0.0	0.0	618.6	677.6	766.7	916.5	0.0	0.0	8.3	4.8	22.7	0.1
12	30.2	14.5	22.4	5.1	6.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1012.0	1074.0	1167.0	1322.0	0.0	0.0	1.0	16.6	29.7	4.7
Summary	55.1	34.5	44.8	4.1	3.9	3.8	1621	1351	985	495	183	109	5306	5767	6496	7831	0.2	8.0	211.9	67.9	162.2	22.6

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	1.41	8.6	4.4	0.5	0.0	0.79	1.17	1.75
02	1.11	6.9	3.4	0.6	0.1	0.74	1.03	1.36
03	1.94	7.3	4.6	1.2	0.4	0.90	2.10	2.40
04	3.44	10.3	6.7	2.5	0.8	2.46	3.26	4.13
05	4.07	11.5	7.7	2.9	0.9	2.85	3.83	5.08
06	4.49	11.1	8.0	3.1	1.2	3.08	4.08	5.26
07	3.77	9.5	6.7	2.7	0.8	1.91	3.30	4.53
08	3.86	9.5	6.3	2.4	1.2	2.41	3.43	4.83
09	3.34	9.7	6.2	2.1	0.8	1.96	3.15	4.26
10	2.61	9.2	5.3	1.7	0.4	1.63	2.37	3.32
11	2.06	7.4	4.4	1.3	0.5	1.41	1.95	2.68
12	1.71	8.4	4.7	0.9	0.3	0.78	1.49	2.42
Summary	33.81	109.4	68.4	21.9	7.4	20.92	31.16	42.02

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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	10.90	7.1	4.7	1.4	0.5	0.0	28.3	23.9	19.8	10.7	6.80	9.40	14.70
02	11.90	5.3	3.8	1.2	0.5	0.1	26.6	23.1	19.5	12.0	6.80	8.00	14.00
03	7.00	3.5	2.5	0.9	0.4	0.1	17.2	12.5	9.5	4.6	4.00	6.90	9.00
04	4.70	2.0	1.5	0.6	0.2	0.1	3.2	1.2	0.6	0.2	1.00	3.00	5.50
05	0.10	0.1	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	0.2	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
11	2.10	1.8	1.0	0.2	0.2	0.0	3.4	1.1	0.7	0.0	0.00	0.70	2.80
12	12.30	5.7	3.9	1.2	0.5	0.1	19.4	13.4	8.8	3.5	4.10	10.10	20.30
Summary	49.3	25.7	17.5	5.5	2.3	0.4	98.3	75.2	58.9	31.0	22.7	38.1	66.3

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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	0.1	2.1	40.8	181.9	514.4	781.3	942.1	878.6	609.0	255.9	50.4	4.1
45	0.0	0.4	19.3	100.0	367.5	631.4	787.2	723.7	461.4	149.5	20.5	1.3
50	0.0	0.0	9.2	47.9	237.8	482.1	632.3	568.8	321.3	76.4	7.2	0.3
55	0.0	0.0	3.8	19.7	136.1	337.6	477.4	414.2	197.8	31.9	2.1	0.0
60	0.0	0.0	1.5	6.5	67.7	206.4	324.6	265.4	102.5	10.3	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	1.9	29.5	121.3	306.2	491.8	619.6	568.7	367.8	147.2	30.1	2.3

Growing Degree Units (Accumulated Monthly)												
40	0	2	43	225	739	1521	2463	3341	3950	4206	4257	4261
45	0	0	20	120	487	1119	1906	2630	3091	3240	3261	3262
50	0	0	9	57	295	777	1409	1978	2299	2376	2383	2383
55	0	0	4	24	160	497	975	1389	1587	1618	1621	1621
60	0	0	2	8	76	282	607	872	975	985	985	985
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	32	153	459	951	1570	2139	2507	2654	2684	2687

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