

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 660 ft. Lat: 46.7781° N Lon: 90.7653° W
Station: **MADELINE ISLAND, WI US USC00474953**

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	22.1	6.7	14.4	4.8	6.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0	1258.4	1320.3	1413.3	1568.3	0.0	0.0	0.1	25.3	30.9	10.1
02	26.4	6.6	16.5	5.7	6.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	1077.9	1133.8	1217.8	1357.8	0.0	0.0	0.6	19.5	27.5	10.0
03	36.9	16.1	26.5	4.7	5.3	4.9	0.4	0.1	0.0	0.0	0.0	0.0	883.9	945.6	1038.5	1193.5	0.0	0.0	4.4	10.2	29.0	3.8
04	48.3	27.8	38.0	4.1	3.0	3.4	3.4	1.6	0.6	0.1	0.0	0.0	511.8	570.1	659.1	808.6	0.0	0.0	13.3	1.7	22.4	0.0
05	61.1	38.4	49.7	3.9	2.7	3.1	43.8	30.0	16.2	4.2	0.4	0.0	206.6	254.8	334.0	477.0	0.0	0.1	26.6	0.0	7.0	0.0
06	70.8	48.6	59.7	2.8	2.0	2.2	177.1	136.3	86.0	30.4	7.4	3.9	36.2	55.3	95.0	189.5	0.0	0.4	29.6	0.0	0.1	0.0
07	76.9	55.9	66.4	3.4	2.7	3.0	355.6	296.6	213.8	100.9	31.0	16.5	2.3	5.4	15.6	57.6	0.0	1.2	31.0	0.0	0.0	0.0
08	76.1	55.8	65.9	2.5	2.2	2.2	341.1	281.6	197.4	84.7	23.8	12.2	1.7	4.3	13.1	55.4	0.0	0.8	31.0	0.0	0.0	0.0
09	68.0	48.3	58.1	3.0	2.6	2.7	149.1	112.8	69.0	23.2	5.4	2.5	54.7	78.4	124.6	228.9	0.0	0.1	29.5	0.0	0.5	0.0
10	53.9	36.8	45.4	3.6	2.5	2.9	18.8	12.1	5.5	0.7	0.0	0.0	317.9	373.2	459.6	609.8	0.0	0.0	20.2	0.1	9.2	0.0
11	39.6	26.3	32.9	5.9	4.0	4.9	0.8	0.4	0.1	0.0	0.0	0.0	662.4	721.9	811.6	961.5	0.0	0.0	6.0	7.7	23.7	0.0
12	27.6	15.5	21.5	4.4	5.1	4.6	0.0	0.0	0.0	0.0	0.0	0.0	1036.9	1098.9	1191.9	1346.9	0.0	0.0	0.2	20.4	30.2	3.7
Summary	50.6	31.9	41.2	4.1	3.8	3.8	1090	872	589	244	68	35	6051	6562	7374	8855	0.0	2.6	192.5	84.9	180.5	27.6

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	1.49	11.3	5.1	0.5	0.1	0.99	1.34	1.94
02	1.12	7.9	3.6	0.6	0.0	0.48	0.89	1.69
03	1.75	8.4	4.4	1.0	0.2	0.92	1.56	2.32
04	2.92	10.0	6.3	2.0	0.8	1.75	2.80	3.55
05	3.31	10.8	6.7	1.9	0.9	2.56	2.99	4.16
06	3.59	10.7	7.4	2.3	0.9	2.07	3.36	4.82
07	3.75	10.1	6.5	2.5	1.0	2.45	3.16	4.98
08	3.17	8.7	6.0	2.0	0.7	1.94	3.34	4.07
09	3.06	10.0	6.5	2.0	0.6	2.21	2.82	3.70
10	3.19	11.7	7.1	2.2	0.5	2.12	2.67	4.38
11	2.33	9.7	5.5	1.2	0.3	1.16	2.14	2.96
12	1.82	10.8	5.7	0.7	0.2	1.15	1.88	2.32
Summary	31.50	120.1	70.8	18.9	6.2	19.80	28.95	40.89

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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	18.80	10.1	6.2	1.7	0.6	0.1					10.30	18.10	26.50
02	14.10	7.5	4.4	1.5	0.7	0.1					8.10	12.30	19.80
03	11.50	4.8	3.0	0.9	0.6	0.2					5.90	9.80	16.80
04	5.30	2.6	1.5	0.5	0.2	0.1					0.00	3.90	7.60
05	0.30	0.1	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					0.00	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	0.70	0.4	0.3	0.0	0.0	0.0					0.00	0.00	0.00
11	6.40	3.6	2.4	0.8	0.2	0.0					2.10	6.70	10.00
12	16.40	8.9	5.7	1.9	0.7	0.0					9.10	14.10	20.70
Summary	73.5	38.0	23.6	7.3	3.0	0.5	0.0	0.0	0.0	0.0	35.5	64.9	101.4

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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	1.1	13.0	74.6	311.9	590.9	818.1	804.2	544.5	202.4	34.9	0.8
45	0.0	0.2	4.0	32.0	189.5	442.4	663.1	649.2	397.5	107.1	12.8	0.0
50	0.0	0.0	1.4	12.4	99.9	300.4	508.4	494.3	261.7	48.5	3.8	0.0
55	0.0	0.0	0.4	3.4	43.8	177.1	355.6	341.1	149.1	18.8	0.8	0.0
60	0.0	0.0	0.0	0.6	16.2	86.0	213.8	197.4	69.0	5.5	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	1.0	13.0	59.5	186.4	341.7	512.8	499.2	305.0	100.6	18.0	0.4
Growing Degree Units (Accumulated Monthly)												
40	0	1	14	89	401	992	1810	2614	3158	3361	3396	3396
45	0	0	4	36	226	668	1331	1980	2378	2485	2498	2498
50	0	0	1	14	114	414	922	1417	1678	1727	1731	1731
55	0	0	0	4	48	225	580	921	1070	1089	1090	1090
60	0	0	0	1	17	103	317	514	583	588	589	589
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	14	74	260	602	1114	1614	1919	2019	2037	2038

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