

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1064 ft. Lat: 45.7533° N Lon: 93.6617° W

Station: MILACA, MN US USC00215392

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	20.4	0.5	10.5	4.6	7.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1380.7	1442.8	1535.8	1690.8	0.0	0.0	0.1	26.1	30.9	15.8
02	26.0	3.7	14.8	5.7	8.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	1124.0	1180.1	1264.1	1404.1	0.0	0.0	0.6	18.8	27.6	11.1
03	38.4	16.7	27.6	5.3	5.7	5.4	1.2	0.8	0.3	0.0	0.0	0.0	852.1	913.8	1006.3	1161.0	0.0	0.0	5.3	8.4	27.5	3.6
04	53.2	30.3	41.8	4.9	3.5	4.1	11.4	7.1	3.1	0.7	0.1	0.0	408.9	464.6	550.6	698.2	0.0	0.0	17.6	1.1	18.1	0.1
05	66.4	42.9	54.6	3.6	2.9	3.1	101.3	75.0	45.2	15.8	3.2	1.5	112.2	147.9	211.2	336.7	0.0	0.4	29.3	0.0	2.4	0.0
06	75.6	53.8	64.7	2.7	2.1	2.2	299.3	245.8	172.2	76.3	21.9	12.1	8.4	14.9	31.3	85.4	0.0	1.0	30.0	0.0	0.0	0.0
07	80.1	58.6	69.4	3.1	2.7	2.8	444.9	383.7	293.5	154.1	55.6	31.7	0.2	1.0	3.7	19.3	0.0	2.2	31.0	0.0	0.0	0.0
08	78.0	55.8	66.9	2.5	2.2	2.2	369.9	309.9	223.9	101.2	29.8	15.0	1.1	3.1	10.1	42.4	0.0	1.2	31.0	0.0	0.0	0.0
09	70.4	46.4	58.4	3.2	3.7	3.1	157.8	121.3	77.3	28.7	7.6	3.8	55.9	79.4	125.4	226.7	0.0	0.3	29.5	0.0	1.7	0.0
10	55.9	34.0	45.0	3.9	3.1	3.1	21.5	14.2	6.7	1.3	0.1	0.0	333.1	387.8	473.3	622.9	0.0	0.0	21.9	0.3	13.4	0.0
11	39.1	21.0	30.1	6.6	5.0	5.7	0.7	0.5	0.2	0.0	0.0	0.0	749.2	808.9	898.7	1048.5	0.0	0.0	5.9	9.4	26.3	1.1
12	26.0	9.0	17.5	5.2	6.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1162.4	1224.4	1317.4	1472.4	0.0	0.0	0.3	20.7	30.6	8.1
Summary	52.5	31.1	41.8	4.3	4.4	4.2	1408	1158	822	378	118	64	6188	6669	7428	8808	0.0	5.1	202.5	84.8	178.5	39.8

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	0.77	6.0	2.0	0.3	0.1	0.51	0.62	0.98
02	0.85	5.0	2.4	0.6	0.1	0.38	0.87	1.12
03	1.43	6.5	3.5	0.8	0.2	0.87	1.32	1.96
04	2.74	8.6	5.5	1.9	0.5	1.75	2.27	3.28
05	3.82	11.2	7.4	3.1	1.0	2.09	3.43	5.31
06	4.31	12.0	8.0	2.8	0.9	3.34	4.13	5.43
07	4.39	11.8	7.6	3.2	1.4	2.58	4.29	5.68
08	3.97	10.7	6.4	2.7	1.3	2.72	4.11	4.56
09	3.19	10.3	5.8	2.0	0.7	1.76	2.82	3.96
10	2.82	9.7	5.6	1.7	0.6	1.43	2.56	3.97
11	1.41	6.1	3.4	1.1	0.3	0.62	1.08	1.94
12	1.11	6.9	2.9	0.7	0.1	0.45	0.95	1.50
Summary	30.81	104.8	60.5	20.9	7.2	18.50	28.45	39.69

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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	7.40	6.2	3.6	1.3	0.4	0.0					2.90	6.40	11.90
02	11.10	4.4	2.8	1.3	0.7	0.0					4.80	10.40	17.20
03	8.40	3.1	2.1	0.9	0.3	0.0					2.70	8.80	10.50
04	4.40	1.3	1.1	0.6	0.3	0.0					0.10	2.10	5.40
05	0.10	0.1	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					0.00	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	0.80	0.5	0.2	0.1	0.1	0.0					0.00	0.00	0.20
11	6.50	2.4	1.7	0.8	0.5	0.1					1.40	6.80	10.70
12	10.20	5.7	3.8	1.1	0.4	0.0					3.90	7.00	14.80
Summary	48.9	23.7	15.3	6.1	2.7	0.1	0.0	0.0	0.0	0.0	15.8	41.5	70.7

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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	1.2	23.1	142.9	457.5	740.7	909.4	833.6	552.2	207.6	30.3	0.5
45	0.0	0.2	8.9	71.6	315.2	590.9	754.6	678.7	406.7	114.1	11.9	0.0
50	0.0	0.0	3.4	31.1	192.7	442.4	599.7	523.8	271.6	53.6	3.4	0.0
55	0.0	0.0	1.2	11.4	101.3	299.3	444.9	369.9	157.8	21.5	0.7	0.0
60	0.0	0.0	0.3	3.1	45.2	172.2	293.5	223.9	77.3	6.7	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	1.0	18.2	101.0	272.5	456.9	594.7	528.1	334.2	128.7	21.7	0.5

Growing Degree Units (Accumulated Monthly)												
40	0	1	24	167	625	1365	2275	3108	3661	3868	3899	3899
45	0	0	9	81	396	987	1741	2420	2827	2941	2953	2953
50	0	0	3	34	227	670	1269	1793	2065	2118	2122	2122
55	0	0	1	13	114	413	858	1228	1386	1407	1408	1408
60	0	0	0	3	49	221	514	738	815	822	822	822
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	19	120	393	850	1444	1972	2307	2435	2457	2457

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

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