

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1166 ft. Lat: 43.6308° N Lon: 91.5028° W
Station: CALEDONIA, MN US USC00211198

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	24.4	7.7	16.1	4.9	6.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1207.1	1269.1	1362.2	1517.1	0.0	0.0	0.2	23.7	30.8	11.4
02	29.0	11.3	20.1	6.0	7.3	6.6	0.0	0.0	0.0	0.0	0.0	0.0	975.7	1031.7	1115.7	1255.6	0.0	0.0	0.8	17.7	27.4	7.2
03	41.3	22.9	32.1	5.4	5.1	5.1	4.8	3.3	1.9	0.3	0.0	0.0	714.7	775.2	866.8	1020.2	0.0	0.0	6.5	7.3	25.4	1.7
04	55.7	35.0	45.3	4.4	3.5	3.8	26.3	17.6	8.6	2.1	0.2	0.0	315.8	367.1	448.1	591.6	0.0	0.0	19.7	0.7	12.4	0.0
05	67.8	47.4	57.6	3.3	3.0	3.0	153.8	119.0	77.3	31.8	9.2	4.9	73.3	100.4	151.8	261.3	0.0	0.3	29.5	0.0	1.5	0.0
06	77.3	58.0	67.7	2.4	2.2	2.2	382.8	326.5	245.7	128.4	48.8	29.3	3.5	7.2	16.3	49.0	0.0	1.0	30.0	0.0	0.0	0.0
07	81.2	61.7	71.4	2.9	2.5	2.6	509.8	448.0	355.9	210.2	92.0	58.4	0.0	0.2	1.0	10.4	0.0	2.4	31.0	0.0	0.0	0.0
08	79.1	59.3	69.2	2.5	2.6	2.4	440.4	379.1	288.9	153.7	57.3	33.8	0.3	1.0	3.7	23.6	0.0	0.8	31.0	0.0	0.0	0.0
09	72.1	50.7	61.4	3.4	3.0	3.0	225.9	181.5	123.7	54.8	17.0	9.5	34.0	49.6	81.8	162.9	0.0	0.4	29.6	0.0	0.6	0.0
10	58.7	38.6	48.7	3.6	2.9	3.1	48.2	33.2	17.7	5.4	1.3	0.7	245.0	292.0	369.6	512.3	0.0	0.0	23.9	0.1	8.9	0.0
11	42.7	26.4	34.5	6.2	4.8	5.5	3.2	1.8	0.6	0.0	0.0	0.0	616.7	675.3	764.1	913.5	0.0	0.0	8.1	6.3	22.8	0.4
12	29.8	14.8	22.3	5.2	5.9	5.4	0.1	0.0	0.0	0.0	0.0	0.0	1013.6	1075.6	1168.6	1323.5	0.0	0.0	0.8	18.3	30.1	5.3
Summary	54.9	36.1	45.5	4.2	4.1	4.0	1795	1510	1120	587	226	137	5200	5644	6350	7641	0.0	4.9	211.1	74.1	159.9	26.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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

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	1.12	6.8	3.0	0.4	0.0	0.70	1.06	1.40	
02	1.16	5.8	2.8	0.6	0.1	0.78	1.11	1.34	
03	2.00	8.2	4.6	1.1	0.3	1.08	2.02	2.72	
04	3.96	11.0	7.0	2.9	1.0	1.99	3.77	5.81	
05	4.84	13.3	8.9	3.3	1.1	3.64	4.48	5.39	
06	6.06	12.5	8.5	4.1	2.0	3.69	5.44	7.93	
07	4.31	10.3	7.1	3.1	1.3	3.25	4.13	4.96	
08	4.47	10.2	6.5	2.8	1.2	2.58	3.69	4.87	
09	4.04	9.6	6.0	2.6	1.0	1.87	2.93	5.62	
10	2.96	9.6	5.4	1.7	0.8	1.45	2.35	4.43	
11	1.80	7.0	3.8	1.2	0.5	1.12	1.75	2.30	
12	1.60	7.4	3.7	0.7	0.3	0.87	1.42	2.31	
Summary	38.32	111.7	67.3	24.5	9.6	23.02	34.15	49.08	

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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	10.40	6.8	3.5	1.2	0.4	0.0	23.4	19.7	15.3	4.7	6.30	8.80	13.80
02	10.60	5.9	3.2	1.2	0.5	0.0	23.5	19.7	16.6	5.8	6.40	9.20	14.00
03	7.40	3.7	2.2	0.9	0.5	0.1	12.2	9.0	6.7	1.9	4.20	7.20	9.90
04	3.20	1.5	1.1	0.4	0.2	0.0	1.5	0.5	0.3	0.0	0.00	1.10	3.50
05	0.00	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	0.3	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.10
11	2.80	2.5	1.4	0.3	0.1	0.0	3.1	1.1	0.3	0.0	0.20	2.00	3.60
12	10.10	6.7	3.4	0.9	0.3	0.1	18.3	12.6	9.4	2.1	3.70	6.70	14.60
Summary	44.8	27.5	15.0	4.9	2.0	0.2	82.1	62.6	48.6	14.5	20.8	35.0	59.5

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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	0.1	4.0	51.8	216.1	547.0	829.3	974.8	905.0	642.1	297.0	62.2	4.8
45	0.0	0.9	25.0	124.8	398.2	679.4	819.8	750.1	494.4	184.8	27.9	1.4
50	0.0	0.1	11.3	62.5	262.9	529.6	664.8	595.1	352.9	102.4	10.7	0.3
55	0.0	0.0	4.8	26.3	153.8	382.8	509.8	440.4	225.9	48.2	3.2	0.1
60	0.0	0.0	1.9	8.6	77.3	245.7	355.9	288.9	123.7	17.7	0.6	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.3	2.0	32.7	126.1	310.9	531.9	654.9	592.3	386.8	166.4	33.8	2.5

Growing Degree Units (Accumulated Monthly)												
40	0	4	56	272	819	1648	2623	3528	4170	4467	4529	4534
45	0	1	26	151	549	1228	2048	2798	3293	3477	3505	3507
50	0	0	11	74	337	866	1531	2126	2479	2582	2592	2593
55	0	0	5	31	185	568	1078	1518	1744	1792	1795	1795
60	0	0	2	10	88	334	689	978	1102	1120	1120	1120
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	35	161	472	1004	1659	2251	2638	2804	2838	2841

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