

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 625 ft. Lat: 47.0258° N Lon: 91.6653° W
Station: TWO HARBORS, MN US USC00218419

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	23.7	7.4	15.6	4.7	6.3	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1222.8	1284.8	1377.8	1532.9	0.0	0.0	0.1	23.7	30.4	9.9
02	27.8	10.1	19.0	5.3	6.6	5.9	0.0	0.0	0.0	0.0	0.0	0.0	1009.3	1065.3	1149.3	1289.4	0.0	0.0	0.3	18.2	27.0	6.8
03	36.9	20.5	28.7	3.8	4.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	815.3	877.3	970.3	1125.3	0.0	0.0	2.2	9.0	28.0	2.3
04	47.6	30.7	39.1	3.5	2.6	2.9	1.7	0.7	0.1	0.0	0.0	0.0	477.2	536.2	625.6	775.5	0.0	0.0	10.7	0.8	16.6	0.0
05	58.1	38.6	48.4	3.0	1.7	2.2	17.9	10.4	3.9	0.2	0.0	0.0	224.1	278.5	365.1	516.4	0.0	0.0	25.2	0.0	3.1	0.0
06	67.0	45.7	56.3	2.4	1.8	1.9	98.5	68.7	36.2	9.0	1.3	0.5	58.0	88.2	145.6	268.5	0.0	0.1	29.4	0.0	0.0	0.0
07	75.1	54.5	64.8	3.3	3.6	3.3	307.6	250.2	171.8	72.2	19.5	9.4	4.0	8.5	23.1	78.5	0.0	0.9	30.9	0.0	0.0	0.0
08	74.5	56.0	65.3	2.3	2.6	2.3	319.1	259.6	175.7	67.3	14.4	6.5	1.5	4.0	13.1	59.6	0.0	0.3	31.0	0.0	0.0	0.0
09	66.8	48.8	57.8	2.5	2.9	2.5	131.5	94.4	51.1	11.9	1.3	0.3	47.5	70.5	117.3	228.0	0.0	0.0	29.8	0.0	0.6	0.0
10	53.9	37.9	45.9	3.1	2.9	2.9	12.0	6.4	1.9	0.1	0.0	0.0	294.1	350.5	439.0	592.2	0.0	0.0	21.0	0.1	7.6	0.0
11	40.0	26.1	33.0	5.3	4.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	658.5	718.5	808.5	958.5	0.0	0.0	5.0	6.3	21.1	0.2
12	28.5	14.2	21.4	4.5	5.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1043.0	1105.0	1198.0	1353.1	0.0	0.0	0.2	18.8	29.5	5.0
Summary	50.0	32.5	41.3	3.6	3.8	3.6	888	690	441	161	36	17	5855	6387	7233	8778	0.0	1.3	185.8	76.9	163.9	24.2

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	1.04	10.1	3.2	0.5	0.0	0.51	0.92	1.37	
02	1.16	8.5	3.3	0.5	0.1	0.44	0.92	1.44	
03	1.51	8.6	4.1	0.7	0.1	0.87	1.50	2.04	
04	2.65	9.9	5.5	1.6	0.5	1.48	2.48	3.35	
05	3.30	12.6	7.1	2.1	0.6	2.40	3.19	3.96	
06	4.23	13.4	7.7	2.6	0.7	2.88	3.83	5.14	
07	4.05	11.8	6.7	2.7	1.1	2.54	3.92	4.61	
08	3.48	10.5	6.1	2.5	0.8	2.33	3.59	4.11	
09	3.53	11.7	6.5	2.2	1.0	2.30	3.58	4.75	
10	3.03	11.5	6.2	2.1	0.6	1.87	2.41	4.28	
11	2.18	9.1	4.6	1.4	0.4	1.10	1.70	3.13	
12	1.56	9.8	4.0	0.8	0.2	0.81	1.47	2.11	
Summary	31.72	127.5	65.0	19.7	6.1	19.53	29.51	40.29	

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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	12.40	8.2	5.0	2.0	0.9	0.0					9.60	10.30	13.10
02	13.60	6.5	4.1	1.7	0.6	0.1					6.60	12.50	18.30
03	9.10	4.2	2.9	1.5	0.5	0.0					3.60	7.90	14.50
04	4.30	1.7	1.4	0.7	0.3	0.0					0.70	2.00	6.40
05	0.00	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					0.00	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	0.20	0.1	0.1	0.0	0.0	0.0					0.00	0.00	0.00
11	5.90	2.6	1.9	0.5	0.2	0.1					0.90	2.80	5.40
12	15.50	7.2	4.7	1.7	0.7	0.1					6.70	11.90	19.60
Summary	61.0	30.5	20.1	8.1	3.2	0.3	0.0	0.0	0.0	0.0	28.1	47.4	77.3

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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	0.5	8.9	71.4	264.0	490.6	768.6	782.6	534.1	213.2	33.8	0.6
45	0.0	0.0	1.9	24.8	137.3	341.9	613.6	627.7	386.1	109.9	9.4	0.0
50	0.0	0.0	0.1	7.5	55.9	203.5	459.0	472.8	247.8	44.0	1.3	0.0
55	0.0	0.0	0.0	1.7	17.9	98.5	307.6	319.1	131.5	12.0	0.0	0.0
60	0.0	0.0	0.0	0.1	3.9	36.2	171.8	175.7	51.1	1.9	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.4	5.5	40.9	137.1	265.1	465.7	477.6	288.4	92.8	12.3	0.3

Growing Degree Units (Accumulated Monthly)												
40	0	1	10	81	345	836	1604	2387	2921	3134	3168	3168
45	0	0	2	27	164	506	1120	1747	2133	2243	2253	2253
50	0	0	0	8	64	267	726	1199	1447	1491	1492	1492
55	0	0	0	2	20	118	426	745	876	888	888	888
60	0	0	0	0	4	40	212	388	439	441	441	441
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	6	47	184	449	915	1392	1681	1774	1786	1786

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