

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 1355 ft. Lat: 47.1253° N Lon: 91.7067° W
Station: TWO HARBORS 7NW, MN US USC00218421

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	19.6	1.1	10.3	4.9	6.9	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1384.0	1446.0	1539.0	1694.0	0.0	0.0	0.0	27.0	30.9	14.0
02	25.3	3.2	14.2	5.9	6.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	1140.9	1196.9	1280.9	1420.9	0.0	0.0	0.4	20.7	27.7	12.4
03	36.9	15.0	26.0	4.6	5.1	4.8	0.1	0.0	0.0	0.0	0.0	0.0	900.7	962.6	1055.6	1210.6	0.0	0.0	4.5	10.6	29.2	5.4
04	49.6	27.3	38.5	4.4	3.2	3.7	2.5	1.2	0.3	0.0	0.0	0.0	499.0	557.7	646.8	796.5	0.0	0.0	15.6	1.9	23.2	0.3
05	63.7	38.3	51.0	3.9	2.5	3.0	50.4	34.4	17.1	3.8	0.1	0.0	174.4	220.5	296.2	437.8	0.0	0.1	28.4	0.0	9.2	0.0
06	72.3	48.1	60.2	2.8	1.7	2.1	178.9	133.7	77.7	21.3	2.5	0.9	23.0	37.8	71.8	165.4	0.0	0.1	29.8	0.0	0.6	0.0
07	77.3	53.5	65.4	2.9	2.3	2.5	324.3	265.2	182.4	75.5	18.2	8.2	2.0	4.9	15.1	63.2	0.0	0.8	31.0	0.0	0.0	0.0
08	74.8	52.6	63.7	2.6	2.2	2.2	274.1	217.3	140.3	50.0	10.6	4.8	4.5	9.7	25.7	90.4	0.0	0.3	31.0	0.0	0.0	0.0
09	65.8	44.6	55.2	2.8	3.0	2.7	94.3	66.0	35.4	9.3	1.3	0.5	88.3	120.1	179.5	303.4	0.0	0.0	29.5	0.0	2.9	0.0
10	51.4	34.1	42.7	3.7	2.8	3.0	8.0	4.1	1.5	0.2	0.0	0.0	387.7	445.8	536.2	690.0	0.0	0.0	16.6	0.5	14.9	0.0
11	36.1	21.2	28.7	5.7	4.8	5.2	0.0	0.0	0.0	0.0	0.0	0.0	790.6	850.6	940.5	1090.5	0.0	0.0	4.1	10.2	26.1	0.8
12	24.0	8.2	16.1	5.0	6.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1205.8	1267.8	1360.8	1515.8	0.0	0.0	0.1	23.5	30.8	9.7
Summary	49.7	28.9	39.3	4.1	3.9	3.9	933	722	455	160	33	14	6601	7120	7948	9478	0.0	1.3	191.0	94.4	195.5	42.6

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	1.25	9.9	3.7	0.5	0.0	0.67	1.19	1.61	
02	1.26	8.6	3.7	0.7	0.2	0.60	1.09	1.91	
03	1.69	8.9	4.6	0.9	0.2	0.97	1.72	2.05	
04	2.90	9.0	5.9	1.8	0.5	1.90	2.48	3.65	
05	3.45	12.1	7.4	2.1	0.7	2.23	3.49	4.37	
06	4.52	12.3	7.4	2.4	0.9	3.17	4.35	5.37	
07	3.67	10.3	6.1	2.0	0.8	2.44	3.29	4.36	
08	3.65	10.1	5.8	2.4	0.9	2.69	3.59	4.50	
09	3.68	10.9	6.2	2.5	0.9	2.35	3.69	4.87	
10	3.27	11.8	6.5	2.1	0.8	1.97	2.63	4.44	
11	2.30	9.5	4.7	1.1	0.3	1.01	1.96	2.99	
12	1.97	9.4	4.0	0.9	0.5	0.89	1.81	2.54	
Summary	33.61	122.8	66.0	19.4	6.7	20.89	31.29	42.66	

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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	18.60	11.5	5.2	1.9	0.8	0.1	31.0	31.0	29.1	21.7	10.60	15.00	22.50
02	17.80	10.0	4.6	2.1	1.1	0.3	28.5	28.5	28.3	23.7	9.00	18.00	25.80
03	12.30	6.7	3.6	1.3	0.6	0.1	27.9	27.4	27.1	25.7	6.00	10.20	18.10
04	9.00	4.9	2.8	1.1	0.7	0.1	14.1	12.8	11.8	9.3	1.60	7.40	14.80
05	0.90	0.7	0.2	0.0	0.0	0.0	0.6	0.4	0.3	0.1	0.00	0.00	0.20
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	2.80	1.9	0.7	0.3	0.1	0.0	1.9	1.0	0.5	0.0	0.00	0.60	4.00
11	10.60	7.2	3.2	0.9	0.4	0.0	12.8	8.8	4.1	0.1	6.50	10.80	15.20
12	21.60	11.5	5.0	2.2	1.2	0.4	29.1	24.9	18.9	9.7	9.10	17.70	29.80
Summary	93.6	54.4	25.3	9.8	4.9	1.0	145.9	134.8	120.1	90.3	42.8	79.7	130.4

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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	0.5	13.0	83.6	347.7	605.8	787.1	734.4	456.8	150.6	16.6	0.1
45	0.0	0.0	3.6	33.9	216.0	456.3	632.2	579.5	314.7	73.1	4.1	0.0
50	0.0	0.0	1.0	10.7	113.0	310.9	477.4	424.8	191.1	28.7	0.5	0.0
55	0.0	0.0	0.1	2.5	50.4	178.9	324.3	274.1	94.3	8.0	0.0	0.0
60	0.0	0.0	0.0	0.3	17.1	77.7	182.4	140.3	35.4	1.5	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.6	11.9	70.2	223.2	362.7	493.2	449.1	257.9	77.5	9.6	0.1

Growing Degree Units (Accumulated Monthly)												
40	0	0	14	97	445	1051	1838	2572	3029	3180	3196	3196
45	0	0	4	38	254	710	1342	1922	2236	2309	2313	2313
50	0	0	1	12	125	436	913	1338	1529	1558	1558	1558
55	0	0	0	3	53	232	556	830	925	933	933	933
60	0	0	0	0	17	95	278	418	453	455	455	455
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	12	83	306	669	1162	1611	1869	1946	1956	1956

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

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