

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1212 ft. Lat: 47.3169° N Lon: 95.9692° W
Station: MAHNOMEN, MN US USC00215012

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	15.2	-2.5	6.3	5.6	6.6	6.0	0.0	0.0	0.0	0.0	0.0	0.0	1507.0	1569.2	1662.7	1817.8	0.0	0.0	0.0	26.7	30.9	17.7
02	21.3	1.5	11.4	6.7	8.1	7.2	0.0	0.0	0.0	0.0	0.0	0.0	1220.1	1276.2	1360.5	1500.5	0.0	0.0	0.3	20.6	27.4	12.8
03	34.4	15.2	24.8	6.0	6.9	6.3	1.2	0.8	0.3	0.0	0.0	0.0	937.2	998.8	1091.4	1246.1	0.0	0.0	4.5	10.1	27.7	4.4
04	51.9	29.9	40.9	5.3	3.4	4.2	7.6	4.7	2.0	0.4	0.1	0.0	431.0	488.0	575.1	723.5	0.0	0.0	18.1	1.8	19.3	0.0
05	66.0	43.3	54.6	3.4	3.0	3.0	117.4	88.8	54.1	19.5	6.0	3.3	128.7	162.1	220.1	340.5	0.0	0.3	28.7	0.1	4.3	0.0
06	74.2	53.5	63.8	2.9	2.8	2.6	276.9	225.4	156.2	70.2	23.9	14.8	11.7	20.1	40.8	104.7	0.0	1.3	30.0	0.0	0.0	0.0
07	78.5	57.6	68.1	3.8	2.6	3.2	405.8	345.5	257.1	128.2	44.4	24.6	1.5	3.1	7.7	33.7	0.0	1.7	31.0	0.0	0.0	0.0
08	78.1	55.0	66.5	3.0	2.3	2.5	361.2	302.3	219.5	105.6	35.1	19.5	3.5	6.7	16.8	57.8	0.0	1.8	31.0	0.0	0.0	0.0
09	69.2	46.6	57.9	3.4	2.8	2.8	154.5	121.9	81.3	34.9	10.3	5.3	68.0	95.3	144.4	248.0	0.0	0.2	29.7	0.0	2.7	0.0
10	53.5	34.4	43.9	4.6	3.2	3.6	28.5	19.9	11.2	3.6	0.7	0.1	371.6	424.8	508.9	656.3	0.0	0.0	19.4	0.7	13.9	0.0
11	34.1	19.5	26.8	6.1	5.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	845.6	905.6	995.8	1145.9	0.0	0.0	1.8	15.7	28.1	2.6
12	21.5	5.6	13.6	6.8	7.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	1284.5	1346.6	1439.8	1594.8	0.0	0.0	0.0	24.4	30.9	10.5
Summary	49.8	30.0	39.9	4.8	4.5	4.5	1353	1109	782	362	120	68	6810	7297	8064	9470	0.0	5.3	194.5	100.1	185.2	48.0

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	0.79							
02	0.73							
03	1.08							
04	1.71							
05	3.15							
06	4.72							
07	3.76							
08	3.44							
09	2.76							
10	2.26							
11	0.96							
12	1.05							
Summary	26.41	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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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	0.9	16.4	133.0	460.4	715.2	869.2	822.5	537.8	196.8	15.4	0.0
45	0.0	0.1	7.0	64.3	323.7	565.3	714.3	667.7	392.6	113.9	5.4	0.0
50	0.0	0.0	3.1	24.2	207.8	416.9	559.4	513.0	260.5	59.2	1.5	0.0
55	0.0	0.0	1.2	7.6	117.4	276.9	405.8	361.2	154.5	28.5	0.0	0.0
60	0.0	0.0	0.3	2.0	54.1	156.2	257.1	219.5	81.3	11.2	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.1	12.3	91.4	276.3	437.7	562.8	524.7	322.9	116.2	7.5	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	1	17	150	611	1326	2195	3018	3555	3752	3768	3768
45	0	0	7	71	395	960	1675	2342	2735	2849	2854	2854
50	0	0	3	27	235	652	1211	1724	1985	2044	2046	2046
55	0	0	1	9	126	403	809	1170	1325	1353	1353	1353
60	0	0	0	2	56	213	470	689	770	782	782	782
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	12	104	380	818	1381	1905	2228	2344	2352	2352

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.