

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1349 ft. Lat: 46.4144° N Lon: 95.5464° W

Station: OTTERTAIL, MN US USC00216276

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	17.4	-2.0	7.7	5.6	7.2	6.4	0.0	0.0	0.0	0.0	0.0	0.0	1466.0	1528.1	1621.1	1776.1	0.0	0.0	0.0	25.9	30.9	16.6
02	23.4	1.6	12.5	5.9	7.5	6.6	0.0	0.0	0.0	0.0	0.0	0.0	1189.8	1245.9	1329.9	1469.9	0.0	0.0	0.5	19.5	27.4	11.9
03	35.9	15.1	25.5	5.6	6.2	5.9	0.5	0.2	0.0	0.0	0.0	0.0	915.0	976.7	1069.5	1224.5	0.0	0.0	4.7	9.6	27.3	4.5
04	51.6	29.7	40.6	4.9	4.1	4.4	9.9	6.3	2.7	0.5	0.1	0.0	440.5	496.8	583.3	731.1	0.0	0.0	17.9	1.4	17.3	0.1
05	64.8	44.2	54.5	3.5	3.0	3.1	107.7	80.5	49.2	17.8	3.5	1.3	123.3	158.1	219.8	343.3	0.0	0.1	28.5	0.1	2.6	0.0
06	74.5	55.8	65.1	2.5	2.4	2.4	311.3	257.3	183.0	83.4	25.1	14.0	6.9	13.0	28.7	79.1	0.0	0.9	29.9	0.0	0.0	0.0
07	78.6	60.2	69.4	2.9	2.4	2.5	446.4	385.0	294.8	155.6	55.5	30.5	0.0	0.6	3.4	19.2	0.0	1.4	31.0	0.0	0.0	0.0
08	77.3	58.7	68.0	3.0	1.8	2.2	403.6	342.9	254.6	123.8	39.1	21.1	0.7	2.0	6.8	31.0	0.0	1.0	31.0	0.0	0.0	0.0
09	68.9	49.0	58.9	3.2	3.0	2.9	171.2	133.5	86.7	33.6	8.7	4.5	52.9	75.0	118.2	215.2	0.0	0.2	29.7	0.0	0.3	0.0
10	53.8	35.4	44.6	4.1	2.8	3.2	21.4	13.9	6.7	1.4	0.1	0.0	343.9	398.3	484.1	633.8	0.0	0.0	20.2	0.9	9.7	0.0
11	36.6	21.3	29.0	6.3	5.4	5.8	0.3	0.1	0.0	0.0	0.0	0.0	781.8	841.6	931.5	1081.5	0.0	0.0	5.3	11.2	25.4	1.0
12	23.4	7.1	15.2	5.9	7.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	1232.1	1294.2	1387.2	1542.2	0.0	0.0	0.2	22.6	30.8	9.1
Summary	50.5	31.3	40.9	4.5	4.4	4.3	1472	1220	878	416	132	71	6553	7030	7784	9147	0.0	3.6	198.9	91.2	171.7	43.2

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	0.62							
02	0.62							
03	1.24							
04	2.23							
05	3.43							
06	4.76							
07	4.27							
08	3.29							
09	3.16							
10	2.69							
11	1.07							
12	0.79							
Summary	28.17	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	18.5	130.0	455.9	754.2	911.2	867.6	568.7	207.7	28.9	0.3
45	0.0	0.1	6.5	64.7	318.3	604.3	756.2	712.6	422.5	115.9	10.4	0.0
50	0.0	0.0	1.8	27.0	198.7	455.6	601.3	557.8	286.6	55.7	2.7	0.0
55	0.0	0.0	0.5	9.9	107.7	311.3	446.4	403.6	171.2	21.4	0.3	0.0
60	0.0	0.0	0.0	2.7	49.2	183.0	294.8	254.6	86.7	6.7	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.7	13.6	87.7	260.2	463.7	598.4	557.6	327.9	111.0	15.5	0.2

Growing Degree Units (Accumulated Monthly)												
40	0	1	19	149	605	1360	2271	3138	3707	3915	3944	3944
45	0	0	7	71	390	994	1750	2463	2885	3001	3012	3012
50	0	0	2	29	228	683	1284	1842	2129	2184	2187	2187
55	0	0	0	10	118	429	876	1279	1451	1472	1472	1472
60	0	0	0	3	52	235	530	784	871	878	878	878
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	14	102	362	826	1424	1982	2310	2421	2436	2436

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

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