

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1990 ft. Lat: 47.0644° N Lon: 101.2119° W
Station: **CENTER 4SE, ND US USC00321456**
Generated on 04/23/2024

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	22.9	4.6	13.7	6.2	6.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	1278.5	1340.5	1433.5	1588.6	0.0	0.0	0.5	21.0	30.6	14.7
02	26.8	8.9	17.8	8.3	8.3	8.2	0.0	0.0	0.0	0.0	0.0	0.0	1040.1	1096.1	1180.1	1320.1	0.0	0.0	1.4	16.8	27.7	10.8
03	39.2	19.6	29.4	7.6	5.3	6.4	1.7	0.9	0.1	0.0	0.0	0.0	795.3	856.5	948.7	1103.6	0.0	0.0	9.3	8.4	28.5	3.7
04	53.9	32.8	43.4	4.7	2.9	3.6	16.2	10.1	4.6	0.9	0.1	0.0	365.7	419.7	504.2	650.4	0.0	0.1	20.4	1.6	18.1	0.2
05	65.8	43.3	54.5	3.5	2.4	2.7	102.5	74.5	43.1	13.7	3.1	1.7	116.5	150.5	212.1	337.7	0.0	0.3	29.1	0.0	6.2	0.0
06	75.1	53.3	64.2	3.4	2.7	2.9	286.7	235.2	165.2	74.8	22.7	13.1	10.8	19.3	39.3	98.9	0.1	1.4	29.9	0.0	0.4	0.0
07	81.6	57.8	69.7	3.9	2.5	3.0	456.1	395.1	306.1	173.3	73.8	47.3	0.6	1.6	5.5	27.8	0.7	6.5	31.0	0.0	0.0	0.0
08	81.0	55.7	68.3	3.3	2.6	2.7	416.5	357.2	271.8	148.0	62.0	40.3	2.9	5.6	13.2	44.2	0.4	6.5	31.0	0.0	0.0	0.0
09	70.8	46.4	58.6	3.4	2.3	2.5	166.8	129.5	83.8	34.7	11.0	6.2	58.9	81.6	125.9	226.8	0.0	1.8	29.3	0.0	3.5	0.0
10	54.7	33.5	44.1	4.8	3.2	3.7	23.9	16.0	8.0	1.7	0.2	0.0	361.8	415.9	501.0	649.6	0.0	0.1	21.2	1.3	17.9	0.0
11	38.4	19.5	29.0	6.9	4.4	5.4	0.7	0.2	0.0	0.0	0.0	0.0	782.1	841.6	931.4	1081.4	0.0	0.0	6.9	9.0	27.9	2.2
12	26.4	9.4	17.9	6.9	6.4	6.5	0.0	0.0	0.0	0.0	0.0	0.0	1149.9	1211.9	1304.9	1460.0	0.0	0.0	1.3	18.3	30.8	8.5
Summary	53.1	32.1	42.6	5.2	4.1	4.5	1471	1219	883	447	173	109	5963	6441	7200	8589	1.2	16.7	211.3	76.4	191.6	40.1

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	0.51							
02	0.51							
03	0.85							
04	1.41							
05	2.78							
06	3.46							
07	2.77							
08	2.01							
09	2.08							
10	1.40							
11	0.66							
12	0.51							
Summary	18.95	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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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

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	1.4	3.0	39.1	180.3	456.2	725.9	920.5	878.6	559.3	203.5	28.0	1.4
45	0.1	0.6	15.6	98.1	315.8	576.2	765.5	723.6	413.8	114.7	10.1	0.1
50	0.0	0.2	5.7	44.8	194.8	428.0	610.5	568.9	279.7	56.4	3.3	0.0
55	0.0	0.0	1.7	16.2	102.5	286.7	456.1	416.5	166.8	23.9	0.7	0.0
60	0.0	0.0	0.1	4.6	43.1	165.2	306.1	271.8	83.8	8.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.5	2.4	29.0	108.9	265.9	447.0	596.1	561.8	334.5	126.3	23.4	1.0

Growing Degree Units (Accumulated Monthly)												
40	1	4	44	224	680	1406	2326	3205	3764	3968	3996	3997
45	0	1	16	114	430	1006	1772	2496	2909	3024	3034	3034
50	0	0	6	51	246	674	1284	1853	2133	2189	2192	2192
55	0	0	2	18	120	407	863	1280	1446	1470	1471	1471
60	0	0	0	5	48	213	519	791	875	883	883	883
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	3	32	141	407	854	1450	2012	2346	2472	2496	2497

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