

Summary of Monthly Normals
1991-2020

Generated on 04/24/2024

Current Location: Elev: 1560 ft. Lat: 47.5089° N Lon: 99.1211° W

Station: CARRINGTON 4 N, ND US USC00321362

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	18.3	-1.5	8.4	6.3	7.3	6.7	0.0	0.0	0.0	0.0	0.0	0.0	1444.4	1506.4	1599.4	1754.5	0.0	0.0	0.2	24.8	30.8	16.6
02	23.1	2.1	12.6	7.2	8.1	7.5	0.0	0.0	0.0	0.0	0.0	0.0	1187.0	1243.0	1327.1	1467.1	0.0	0.0	0.4	19.4	27.9	12.8
03	35.8	15.3	25.6	6.6	6.4	6.4	0.4	0.1	0.0	0.0	0.0	0.0	913.3	975.1	1068.0	1223.0	0.0	0.0	5.6	11.4	29.4	4.6
04	53.2	28.7	41.0	6.2	3.9	4.8	9.3	5.5	2.2	0.2	0.0	0.0	430.9	487.0	573.7	721.7	0.0	0.0	18.7	2.2	19.8	0.1
05	67.2	41.9	54.6	4.1	3.0	3.3	109.3	81.9	48.7	15.8	3.2	1.6	123.4	158.0	217.7	339.7	0.0	0.5	28.9	0.0	5.0	0.0
06	76.4	53.3	64.8	3.1	2.4	2.5	303.7	250.3	177.5	80.7	23.2	12.1	8.3	14.9	32.1	85.3	0.0	1.3	30.0	0.0	0.1	0.0
07	81.7	57.3	69.5	3.1	2.5	2.6	449.6	388.2	298.4	163.0	62.8	37.5	0.2	0.8	3.9	23.5	0.1	3.5	31.0	0.0	0.0	0.0
08	80.7	54.4	67.5	3.1	2.4	2.6	391.6	332.2	246.7	125.2	45.1	26.9	2.6	5.3	12.8	46.2	0.1	3.8	31.0	0.0	0.0	0.0
09	71.8	45.3	58.5	3.3	2.5	2.5	166.3	129.4	83.5	32.6	8.8	4.7	60.0	83.0	127.1	226.1	0.0	1.0	29.4	0.0	2.0	0.0
10	55.2	31.9	43.6	5.4	3.1	3.8	19.8	13.3	6.5	1.3	0.1	0.1	374.8	430.3	516.4	666.2	0.0	0.1	21.3	1.3	16.0	0.1
11	37.1	17.9	27.5	7.2	5.6	6.1	0.6	0.2	0.0	0.0	0.0	0.0	825.5	885.2	975.0	1125.0	0.0	0.0	5.9	11.8	28.2	2.8
12	22.8	5.0	13.9	6.6	6.4	6.4	0.0	0.0	0.0	0.0	0.0	0.0	1273.9	1335.9	1428.9	1584.0	0.0	0.0	0.2	22.9	30.9	11.1
Summary	51.9	29.3	40.6	5.2	4.5	4.6	1451	1201	864	419	143	83	6644	7125	7882	9262	0.2	10.2	202.6	93.8	190.1	48.1

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	0.53	5.0	1.5	0.2	0.1	0.22	0.41	0.65	
02	0.42	5.2	1.3	0.0	0.0	0.20	0.39	0.57	
03	0.75	4.5	2.0	0.3	0.0	0.26	0.54	1.06	
04	1.25	6.0	3.0	0.4	0.2	0.71	1.14	1.53	
05	2.76	9.7	6.1	1.6	0.5	1.62	2.04	3.80	
06	3.78	10.3	6.9	2.4	0.7	2.21	3.72	4.83	
07	3.60	9.3	6.5	2.7	1.2	1.84	3.38	4.35	
08	2.33	7.7	4.5	1.4	0.8	1.38	2.13	3.35	
09	1.97	6.1	3.4	1.3	0.4	1.07	1.58	2.17	
10	1.90	6.7	3.6	1.0	0.3	0.82	1.63	2.75	
11	0.67	4.5	2.1	0.3	0.0	0.15	0.64	1.05	
12	0.81	5.8	2.1	0.3	0.2	0.25	0.56	0.97	
Summary	20.77	80.8	43.0	11.9	4.4	10.73	18.16	27.08	

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Station: CARRINGTON 4 N, ND US USC00321362

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	0.2	0.6	18.3	141.2	458.7	745.3	914.3	853.8	557.7	189.0	23.3	0.4
45	0.0	0.1	6.5	70.2	320.7	595.4	759.3	698.8	413.1	104.9	8.9	0.1
50	0.0	0.0	1.8	28.8	201.8	447.0	604.4	544.0	279.1	49.2	2.4	0.0
55	0.0	0.0	0.4	9.3	109.3	303.7	449.6	391.6	166.3	19.8	0.6	0.0
60	0.0	0.0	0.0	2.2	48.7	177.5	298.4	246.7	83.5	6.5	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.2	0.9	17.6	107.9	282.2	459.7	594.0	543.3	343.9	128.8	21.5	0.4

Growing Degree Units (Accumulated Monthly)												
40	0	1	19	160	619	1364	2279	3132	3690	3879	3902	3903
45	0	0	7	77	398	993	1752	2451	2864	2969	2978	2978
50	0	0	2	31	232	679	1284	1828	2107	2156	2158	2158
55	0	0	0	10	119	423	872	1264	1430	1450	1451	1451
60	0	0	0	2	51	228	527	774	857	864	864	864
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	19	127	409	868	1462	2006	2350	2478	2500	2500

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

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