

Summary of Monthly Normals
1991-2020

Current Location: Elev: 2606 ft. Lat: 40.6344° N Lon: 100.5219° W
Station: CURTIS, NE US USC00252100
Generated on 05/23/2024

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	41.8	13.5	27.7	4.9	3.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	847.8	909.8	1002.8	1157.8	0.0	0.0	8.6	9.3	31.0	4.9
02	45.0	16.4	30.7	7.2	4.9	5.7	0.8	0.5	0.1	0.0	0.0	0.0	680.9	736.6	820.3	960.3	0.0	0.0	10.9	7.5	27.4	3.1
03	57.1	25.5	41.3	5.7	3.6	4.2	13.3	8.2	3.3	0.5	0.0	0.0	438.2	495.0	583.1	735.3	0.0	0.0	20.5	2.4	25.4	0.8
04	66.0	35.6	50.8	3.8	3.2	3.1	58.6	40.4	21.9	6.4	1.2	0.4	184.6	226.4	297.9	432.4	0.0	0.4	26.1	0.3	11.8	0.0
05	75.1	46.6	60.9	4.0	2.1	2.7	224.3	180.9	124.5	55.1	17.6	10.1	42.9	61.4	98.2	183.7	0.1	2.1	30.4	0.0	1.9	0.0
06	85.9	58.2	72.1	3.6	2.7	2.9	513.4	454.7	368.0	233.5	122.9	87.7	2.2	3.4	6.7	22.1	1.8	9.6	29.9	0.0	0.0	0.0
07	91.4	62.7	77.0	3.7	2.2	2.7	683.3	621.3	528.8	376.1	231.5	179.5	0.0	0.1	0.5	2.7	3.7	17.5	31.0	0.0	0.0	0.0
08	89.4	60.5	75.0	3.3	2.1	2.4	618.6	556.9	464.9	314.2	175.1	128.6	0.4	0.7	1.7	5.9	2.3	13.8	31.0	0.0	0.0	0.0
09	82.3	50.1	66.2	3.9	3.5	3.3	350.9	298.8	226.3	126.1	55.9	36.2	15.0	22.9	40.5	90.2	0.6	7.5	29.7	0.0	1.0	0.0
10	68.9	36.5	52.7	4.1	3.2	3.3	85.8	61.5	34.5	9.7	1.8	0.8	157.1	194.8	260.8	391.0	0.0	0.8	28.1	0.5	11.0	0.0
11	54.9	24.0	39.5	6.0	3.7	4.3	7.5	4.2	1.7	0.1	0.0	0.0	474.0	530.6	618.1	766.6	0.0	0.0	18.4	2.5	24.8	0.8
12	43.1	15.2	29.1	4.9	4.1	4.2	0.2	0.1	0.0	0.0	0.0	0.0	801.1	863.1	956.0	1111.1	0.0	0.0	10.0	7.2	30.3	3.1
Summary	66.7	37.1	51.9	4.6	3.2	3.6	2557	2228	1774	1122	606	443	3644	4045	4687	5859	8.5	51.7	274.6	29.7	164.6	12.7

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	0.35	2.8	1.0	0.1	0.0	0.11	0.19	0.54	
02	0.51	4.0	2.2	0.1	0.0	0.26	0.51	0.69	
03	0.93	5.0	2.5	0.5	0.1	0.39	0.69	1.30	
04	2.19	7.1	4.7	1.2	0.4	1.05	2.26	2.75	
05	3.69	8.2	5.6	2.4	0.8	1.75	3.42	5.36	
06	3.66	8.5	5.6	2.4	0.9	2.34	3.34	4.96	
07	2.96	7.3	5.1	2.1	0.7	1.68	2.76	4.06	
08	2.65	6.4	4.1	1.8	0.6	1.43	2.69	3.53	
09	1.51	4.3	2.9	1.1	0.4	0.86	1.12	1.93	
10	1.65	5.1	3.1	0.9	0.3	0.69	1.41	2.05	
11	0.71	3.2	1.5	0.3	0.1	0.12	0.64	1.10	
12	0.49	2.5	1.0	0.2	0.1	0.06	0.31	0.71	
Summary	21.30	64.4	39.3	13.1	4.4	10.74	19.34	28.98	

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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	5.70	2.6	1.8	0.4	0.2	0.1	8.6	3.2	1.7	0.6	1.00	3.50	9.00
02	6.10	3.0	2.3	0.9	0.3	0.1	8.9	5.2	2.0	0.1	3.50	6.00	8.00
03	4.70	2.1	1.8	0.5	0.2	0.0	3.2	1.4	0.4	0.1	0.50	6.00	6.60
04	3.20	1.0	0.9	0.4	0.1	0.0	1.0	0.5	0.1	0.0	0.00	0.20	5.80
05	0.40	0.2	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
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	1.00	0.4	0.4	0.1	0.1	0.0	0.5	0.1	0.1	0.0	0.00	0.00	0.90
11	2.50	1.2	1.1	0.1	0.0	0.0	1.7	0.7	0.4	0.0	0.00	1.90	4.10
12	4.50	1.8	1.5	0.5	0.2	0.0	5.8	2.0	0.7	0.0	2.00	4.40	5.00
Summary	28.1	12.3	10.0	2.9	1.1	0.2	29.8	13.1	5.4	0.8	7.0	22.0	39.4

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Station: CURTIS, NE US USC00252100

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	14.8	34.8	162.4	346.9	646.9	961.2	1148.3	1083.2	786.1	414.2	123.7	18.4
45	3.5	12.6	86.0	226.2	494.8	811.3	993.2	928.2	637.3	282.9	61.5	5.0
50	0.6	3.7	37.8	127.5	350.9	661.7	838.2	773.1	491.2	171.3	24.2	1.1
55	0.0	0.8	13.3	58.6	224.3	513.4	683.3	618.6	350.9	85.8	7.5	0.2
60	0.0	0.1	3.3	21.9	124.5	368.0	528.8	464.9	226.3	34.5	1.7	0.0
Growing Degree Units for Corn (Monthly)												
50/86	35.4	54.6	164.5	250.0	405.5	615.4	735.0	694.6	498.9	303.0	129.9	37.3

Growing Degree Units (Accumulated Monthly)												
40	15	50	212	559	1206	2167	3315	4398	5185	5599	5722	5741
45	4	16	102	328	823	1634	2628	3556	4193	4476	4538	4542
50	1	4	42	170	520	1182	2020	2794	3285	3456	3480	3481
55	0	1	14	73	297	810	1494	2112	2463	2549	2556	2557
60	0	0	3	25	150	518	1047	1512	1738	1772	1774	1774
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	35	90	254	504	910	1525	2260	2955	3454	3757	3887	3924

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

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