

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1380 ft. Lat: 47.4050° N Lon: 98.0381° W
Station: COOPERSTOWN, ND US USC00321766

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	16.4	-3.1	6.7	6.1	6.9	6.4	0.0	0.0	0.0	0.0	0.0	0.0	1498.6	1560.5	1653.5	1808.6	0.0	0.0	0.0	26.2	30.9	17.1
02	21.0	0.6	10.8	7.4	7.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	1237.4	1293.3	1377.3	1517.4	0.0	0.0	0.5	20.7	27.6	12.3
03	34.3	14.6	24.5	6.8	6.1	6.3	0.7	0.3	0.0	0.0	0.0	0.0	947.7	1009.4	1102.0	1257.0	0.0	0.0	4.0	12.6	28.4	5.7
04	52.0	29.0	40.5	5.3	3.5	4.2	8.0	4.8	2.4	0.7	0.1	0.0	443.2	500.0	587.6	735.8	0.0	0.1	19.1	1.6	17.8	0.1
05	66.0	41.3	53.7	3.3	3.0	2.7	91.9	67.0	38.7	12.1	2.4	1.1	133.8	170.9	235.6	364.0	0.0	0.2	28.6	0.0	5.0	0.0
06	74.7	52.4	63.6	2.9	2.6	2.5	267.6	216.1	146.9	62.3	18.1	10.5	11.3	19.8	40.6	106.0	0.0	1.0	30.0	0.0	0.1	0.0
07	78.8	56.4	67.6	3.0	2.3	2.5	390.9	330.1	243.0	117.5	38.3	20.9	0.4	1.6	7.5	37.0	0.0	1.6	31.0	0.0	0.0	0.0
08	78.3	53.3	65.8	2.7	2.4	2.2	338.7	281.1	199.1	90.0	28.3	15.6	4.0	8.4	19.5	65.4	0.0	1.7	31.0	0.0	0.0	0.0
09	69.2	44.9	57.0	2.9	2.8	2.4	133.4	101.5	63.3	23.5	6.1	3.0	72.1	100.2	152.0	262.1	0.0	0.4	29.5	0.0	3.2	0.0
10	53.7	31.8	42.7	4.8	3.2	3.5	16.3	10.4	4.9	1.1	0.2	0.1	396.1	452.3	539.7	690.9	0.0	0.0	19.8	1.2	16.2	0.0
11	35.6	17.0	26.3	7.1	4.8	5.8	0.1	0.1	0.0	0.0	0.0	0.0	861.0	920.9	1010.9	1160.9	0.0	0.0	4.7	12.8	28.1	2.5
12	22.2	3.7	13.0	6.9	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	1303.4	1365.3	1458.3	1613.4	0.0	0.0	0.2	23.7	31.0	11.8
Summary	50.2	28.5	39.4	4.9	4.3	4.3	1248	1011	698	307	94	51	6909	7403	8185	9618	0.0	5.0	198.4	98.8	188.3	49.5

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Station: **COOPERSTOWN, ND US USC00321766**

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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	0.47	3.3	1.4	0.1	0.0	0.23	0.44	0.63	
02	0.63	3.5	1.9	0.3	0.0	0.36	0.54	0.73	
03	0.74	4.3	2.7	0.3	0.0	0.26	0.48	0.94	
04	1.19	5.4	3.0	0.6	0.2	0.65	1.07	1.53	
05	3.04	10.4	6.7	1.9	0.7	1.57	2.88	4.04	
06	3.43	10.5	7.3	2.6	0.5	2.15	3.39	4.59	
07	3.75	10.3	6.9	2.8	0.9	2.00	3.32	5.45	
08	3.16	7.9	5.2	1.9	1.0	2.42	3.04	3.66	
09	2.09	7.4	4.9	1.5	0.4	1.28	1.94	2.90	
10	1.98	6.4	4.3	1.4	0.5	0.86	1.98	2.68	
11	0.78	3.4	1.9	0.4	0.1	0.09	0.48	1.18	
12	0.74	4.6	2.1	0.1	0.0	0.40	0.72	1.05	
Summary	22.00	77.4	48.3	13.9	4.3	12.27	20.28	29.38	

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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1991-2020
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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	8.40	6.2	3.3	0.8	0.3	0.0					3.20	8.20	12.40
02	7.00	4.5	2.3	0.6	0.2	0.0					3.80	7.50	9.00
03	7.50	3.8	2.6	1.0	0.3	0.0					1.90	6.60	11.10
04	2.50	1.4	0.8	0.4	0.2	0.0					0.00	1.20	3.60
05	0.10	0.2	0.0	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					0.00	0.00	0.00
07	0.00	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					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	1.10	0.8	0.6	0.0	0.0	0.0					0.00	0.00	1.80
11	5.90	3.7	2.6	0.8	0.3	0.0					0.70	4.30	10.30
12	9.70	6.5	3.6	1.2	0.3	0.0					4.40	11.20	12.90
Summary	42.2	27.1	15.8	4.8	1.6	0.0	0.0	0.0	0.0	0.0	14.0	39.0	61.1

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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	0.6	14.5	126.2	430.3	706.2	855.4	799.5	512.9	170.1	15.4	0.0
45	0.0	0.1	5.5	61.1	293.3	556.5	700.5	644.6	368.8	89.4	4.2	0.0
50	0.0	0.0	2.1	25.0	177.8	408.1	545.5	490.0	238.2	41.0	0.9	0.0
55	0.0	0.0	0.7	8.0	91.9	267.6	390.9	338.7	133.4	16.3	0.1	0.0
60	0.0	0.0	0.0	2.4	38.7	146.9	243.0	199.1	63.3	4.9	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.5	14.3	96.0	264.5	431.1	546.7	504.4	309.6	112.0	15.3	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	1	15	141	572	1278	2133	2933	3446	3616	3631	3631
45	0	0	6	67	360	916	1617	2262	2630	2720	2724	2724
50	0	0	2	27	205	613	1158	1648	1887	1928	1929	1929
55	0	0	1	9	101	368	759	1098	1231	1248	1248	1248
60	0	0	0	2	41	188	431	630	693	698	698	698
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	15	111	375	806	1353	1858	2167	2279	2294	2294

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