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

Summary of Monthly Normals
1991-2020

Generated on 11/11/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 900 ft. Lat: 46.9253° N Lon: 96.8111° W

Station: **FARGO HECTOR INTL AP, ND US USW00014914**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	18.2	0.2	9.2	6.0	6.7	6.2	0.0	0.0	0.0	0.0	0.0	0.0	1419.4	1481.5	1574.6	1729.5	0.0	0.0	0.1	25.7	30.8	15.9
02	22.7	4.1	13.4	6.8	7.9	7.3	0.0	0.0	0.0	0.0	0.0	0.0	1164.5	1220.6	1304.7	1444.6	0.0	0.0	0.3	21.0	27.3	11.5
03	36.3	18.1	27.2	6.5	5.9	6.0	1.7	1.0	0.4	0.0	0.0	0.0	863.5	924.8	1017.2	1171.8	0.0	0.0	5.1	11.1	26.7	3.5
04	54.1	31.9	43.0	5.6	3.7	4.4	17.5	11.2	5.3	1.2	0.1	0.0	377.6	431.3	515.3	661.3	0.0	0.1	19.1	1.4	15.6	0.0
05	68.7	44.4	56.6	3.6	3.2	3.1	143.8	111.1	71.4	28.6	8.9	5.2	95.8	125.1	178.4	290.6	0.0	0.9	29.3	0.0	2.8	0.0
06	78.1	55.6	66.8	3.1	2.6	2.7	360.2	304.6	225.9	115.8	44.7	27.9	4.8	9.3	20.5	60.4	0.0	2.1	30.0	0.0	0.0	0.0
07	82.1	59.4	70.7	3.1	2.5	2.7	488.3	426.7	335.8	194.9	83.8	53.2	0.2	0.6	2.6	16.7	0.1	3.9	31.0	0.0	0.0	0.0
08	80.7	56.8	68.8	2.8	2.2	2.4	426.9	366.2	278.4	148.5	58.8	35.9	0.8	2.1	7.2	32.4	0.0	3.1	31.0	0.0	0.0	0.0
09	72.0	48.1	60.0	3.1	3.1	2.8	198.3	158.0	107.9	49.2	16.7	9.8	47.0	66.7	106.5	197.9	0.0	1.1	29.7	0.0	0.9	0.0
10	55.8	35.2	45.5	4.7	3.4	3.7	31.5	21.9	12.0	4.2	0.9	0.4	326.0	378.4	461.5	608.8	0.0	0.1	21.5	0.7	12.0	0.0
11	38.1	20.9	29.5	6.8	5.0	5.7	0.3	0.1	0.0	0.0	0.0	0.0	765.3	825.1	915.0	1065.0	0.0	0.0	5.7	10.6	25.5	1.2
12	24.0	7.5	15.7	6.7	6.8	6.6	0.0	0.0	0.0	0.0	0.0	0.0	1216.5	1278.6	1371.6	1526.6	0.0	0.0	0.3	22.3	30.8	9.6
Summary	52.6	31.8	42.2	4.9	4.4	4.5	1668	1401	1037	542	214	132	6281	6744	7475	8806	0.1	11.3	203.1	92.8	172.4	41.7

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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	0.71	8.9	2.0	0.2	0.0	0.35	0.69	0.91
02	0.69	7.5	2.3	0.1	0.0	0.35	0.66	0.92
03	1.25	7.7	3.1	0.7	0.0	0.74	1.02	1.72
04	1.54	8.2	3.9	0.8	0.2	0.88	1.30	2.12
05	3.09	11.4	6.1	1.9	0.6	1.96	2.61	3.78
06	4.29	11.8	7.3	2.9	1.0	2.56	4.15	5.76
07	3.07	9.7	5.7	1.9	0.7	1.66	2.74	4.32
08	2.60	8.6	4.4	1.5	0.6	1.88	2.26	3.02
09	2.68	8.7	4.7	1.9	0.8	1.51	2.48	3.59
10	2.17	8.5	4.5	1.4	0.3	1.05	2.01	2.86
11	0.97	7.6	2.7	0.4	0.0	0.35	0.67	1.29
12	0.89	10.0	2.6	0.3	0.0	0.40	0.81	1.26
Summary	23.95	108.6	49.3	14.0	4.2	13.69	21.40	31.55

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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	10.30	9.5	2.6	0.8	0.3	0.1	28.8	23.9	19.0	9.2	4.60	8.90	13.00
02	8.10	7.6	2.6	0.6	0.2	0.0	24.7	22.2	17.5	10.6	3.80	8.10	11.30
03	9.20	5.5	2.5	1.0	0.5	0.0	17.9	16.6	14.4	8.0	2.60	8.60	14.00
04	4.10	2.3	1.1	0.5	0.2	0.0	4.7	3.4	2.1	0.2	0.20	3.50	6.20
05	0.00	0.1	0.0	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	1.20	1.2	0.4	0.1	0.0	0.0	0.9	0.2	0.0	0.0	0.00	0.30	1.60
11	6.80	5.4	1.8	0.7	0.3	0.0	8.6	3.8	2.3	1.2	1.00	4.40	10.80
12	11.70	10.2	3.3	1.0	0.4	0.0	21.5	14.6	10.4	2.7	5.40	9.20	14.40
Summary	51.4	41.8	14.3	4.7	1.9	0.1	107.2	84.7	65.7	31.9	17.6	43.0	71.3

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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	1.4	26.9	176.3	516.2	805.3	953.1	891.0	602.0	228.3	31.3	0.1
45	0.0	0.2	10.6	97.3	373.3	655.3	798.0	736.0	455.3	133.6	11.3	0.0
50	0.0	0.0	4.1	45.1	246.5	506.0	643.1	581.1	318.2	68.5	3.0	0.0
55	0.0	0.0	1.7	17.5	143.8	360.2	488.3	426.9	198.3	31.5	0.3	0.0
60	0.0	0.0	0.4	5.3	71.4	225.9	335.8	278.4	107.9	12.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	0.7	19.6	117.1	313.8	510.2	630.1	577.3	367.1	134.0	19.7	0.3

Growing Degree Units (Accumulated Monthly)

40	0	1	28	205	721	1526	2479	3370	3972	4200	4232	4232
45	0	0	11	108	481	1137	1935	2671	3126	3260	3271	3271
50	0	0	4	49	296	802	1445	2026	2344	2413	2416	2416
55	0	0	2	19	163	523	1012	1438	1637	1668	1668	1668
60	0	0	0	6	77	303	639	917	1025	1037	1037	1037
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	20	138	451	962	1592	2169	2536	2670	2690	2690

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

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