

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1425 ft. Lat: 48.6147° N Lon: 100.7264° W
Station: UPHAM 3 N, ND US USC00328913
Generated on 04/30/2024

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	16.7	-3.6	6.6	6.4	7.3	6.7	0.0	0.0	0.0	0.0	0.0	0.0	1501.7	1563.7	1656.8	1811.7	0.0	0.0	0.1	25.6	31.0	17.5
02	22.1	0.2	11.1	7.8	8.8	8.2	0.0	0.0	0.0	0.0	0.0	0.0	1227.6	1283.6	1367.7	1507.6	0.0	0.0	0.4	20.5	28.0	14.8
03	34.8	13.8	24.3	6.7	6.4	6.5	0.2	0.1	0.0	0.0	0.0	0.0	951.9	1013.7	1106.7	1261.7	0.0	0.0	4.3	12.5	30.1	6.3
04	53.0	28.7	40.8	5.8	4.1	4.8	10.9	6.5	2.6	0.6	0.1	0.0	435.5	491.1	577.2	725.2	0.0	0.1	18.0	2.0	20.4	0.4
05	66.5	41.9	54.2	3.4	2.6	2.7	102.8	75.4	43.2	13.6	3.0	1.4	127.7	162.3	223.0	348.5	0.0	0.5	28.7	0.0	5.4	0.0
06	75.1	52.8	64.0	3.1	2.3	2.5	280.7	228.9	158.2	68.8	19.9	10.4	12.3	20.5	39.8	100.5	0.0	1.0	29.9	0.0	0.1	0.0
07	80.5	56.8	68.7	3.2	2.7	2.7	424.1	363.7	275.2	144.0	52.6	30.9	1.1	2.6	7.1	30.9	0.1	2.8	31.0	0.0	0.0	0.0
08	80.3	53.7	67.0	3.1	2.4	2.4	375.4	317.0	233.9	118.0	42.9	25.1	3.6	7.2	17.0	56.2	0.2	3.9	31.0	0.0	0.0	0.0
09	70.3	43.3	56.8	3.2	2.9	2.7	134.3	102.1	64.1	23.3	5.6	3.0	80.4	108.2	160.2	269.4	0.0	0.9	29.4	0.0	3.6	0.0
10	54.2	29.7	42.0	4.5	3.4	3.5	14.5	9.3	4.5	1.1	0.2	0.1	419.1	475.9	564.1	715.6	0.0	0.0	19.2	1.1	20.7	0.1
11	35.7	15.7	25.7	6.8	5.8	6.0	0.1	0.0	0.0	0.0	0.0	0.0	879.1	939.0	1029.0	1178.9	0.0	0.0	4.6	12.4	29.2	4.3
12	21.9	3.0	12.4	6.9	6.4	6.6	0.0	0.0	0.0	0.0	0.0	0.0	1318.9	1380.9	1473.9	1628.9	0.0	0.0	0.3	23.8	31.0	12.9
Summary	50.9	28.0	39.5	5.1	4.6	4.6	1343	1103	782	369	124	71	6959	7449	8222	9635	0.3	9.2	196.9	97.9	199.5	56.3

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	0.56	7.4	1.8	0.1	0.0	0.31	0.52	0.78
02	0.56	6.2	1.5	0.1	0.0	0.24	0.39	0.63
03	0.77	6.5	2.3	0.3	0.1	0.33	0.65	1.14
04	1.05	6.4	3.2	0.3	0.0	0.58	0.93	1.31
05	2.36	9.7	5.2	1.3	0.4	1.20	1.90	3.02
06	4.21	12.5	7.8	2.5	1.1	2.68	4.06	5.18
07	2.77	9.7	5.0	1.7	0.7	1.69	2.34	3.45
08	1.98	7.9	4.2	1.5	0.3	1.29	1.78	2.69
09	1.60	7.4	3.8	0.7	0.3	0.73	1.41	2.05
10	1.36	7.0	3.3	0.7	0.2	0.63	1.23	1.53
11	0.84	6.8	2.4	0.3	0.1	0.27	0.63	1.44
12	0.71	7.6	2.3	0.1	0.0	0.38	0.66	0.94
Summary	18.77	95.1	42.8	9.6	3.2	10.33	16.50	24.16

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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	8.70	6.9	3.5	0.7	0.3	0.0	30.6	29.3	25.8	16.4	4.80	7.10	11.70
02	6.60	6.0	2.8	0.7	0.2	0.1	27.8	27.0	25.5	18.2	3.60	6.50	8.30
03	7.00	5.0	2.6	0.7	0.3	0.0	23.9	21.8	19.6	14.3	3.10	5.80	8.80
04	4.40	2.3	1.4	0.6	0.2	0.0	5.4	4.2	3.5	1.8	0.40	3.30	6.00
05	1.40	0.5	0.4	0.2	0.1	0.0	0.4	0.2	0.1	0.0	0.00	0.00	0.90
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	2.70	1.4	0.9	0.3	0.2	0.0	1.7	0.7	0.4	0.2	0.00	0.50	4.00
11	8.00	5.2	2.9	0.9	0.4	0.0	14.3	10.0	6.3	1.5	2.50	6.40	13.00
12	10.60	7.5	3.8	1.0	0.5	0.0	27.6	23.1	17.8	9.7	5.00	10.00	14.10
Summary	49.4	34.8	18.3	5.1	2.2	0.1	131.7	116.3	99.0	62.1	19.4	39.6	66.8

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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	0.2	0.6	15.4	141.0	448.5	718.4	888.0	836.8	507.1	160.6	14.7	0.5
45	0.0	0.0	4.8	72.8	310.5	568.6	733.1	681.9	365.4	85.7	4.3	0.0
50	0.0	0.0	1.1	31.2	192.7	420.9	578.1	527.1	236.9	39.3	1.1	0.0
55	0.0	0.0	0.2	10.9	102.8	280.7	424.1	375.4	134.3	14.5	0.1	0.0
60	0.0	0.0	0.0	2.6	43.2	158.2	275.2	233.9	64.1	4.5	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.2	0.7	15.3	107.2	271.2	436.7	573.4	528.6	316.3	120.4	16.7	0.5

Growing Degree Units (Accumulated Monthly)												
40	0	1	16	157	606	1324	2212	3049	3556	3717	3731	3732
45	0	0	5	78	388	957	1690	2372	2737	2823	2827	2827
50	0	0	1	32	225	646	1224	1751	1988	2027	2028	2028
55	0	0	0	11	114	395	819	1194	1328	1343	1343	1343
60	0	0	0	3	46	204	479	713	777	782	782	782
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	16	123	395	831	1405	1933	2250	2370	2387	2387

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