

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 2160 ft. Lat: 40.5156° N Lon: 98.9514° W

Station: MINDEN, NE US USC00255565

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	35.2	14.5	24.8	5.4	4.3	4.5	0.0	0.0	0.0	0.0	0.0	0.0	934.5	996.5	1089.5	1244.5	0.0	0.0	6.0	11.2	30.4	3.7
02	39.4	18.1	28.8	7.2	4.9	5.8	0.5	0.1	0.0	0.0	0.0	0.0	735.4	791.0	874.8	1014.8	0.0	0.0	8.9	8.8	26.3	2.2
03	51.4	26.9	39.1	5.8	4.1	4.5	8.9	4.9	1.6	0.2	0.0	0.0	500.3	558.3	648.0	801.6	0.0	0.0	18.8	2.3	22.2	0.4
04	61.3	37.9	49.6	3.9	3.4	3.3	52.1	36.0	19.1	5.7	1.0	0.4	214.1	258.0	331.1	467.7	0.0	0.3	25.2	0.3	9.4	0.0
05	71.2	49.6	60.4	3.7	2.4	2.8	216.0	173.9	119.1	52.5	16.2	8.3	48.6	68.5	106.7	195.1	0.0	1.6	30.5	0.0	0.8	0.0
06	81.9	60.3	71.1	3.3	2.4	2.6	484.4	425.9	340.0	208.1	102.7	70.8	1.6	3.0	7.2	25.3	0.3	8.1	30.0	0.0	0.0	0.0
07	86.7	65.0	75.9	3.2	2.2	2.5	646.2	584.3	491.4	338.9	196.3	145.5	0.0	0.0	0.1	2.7	1.9	14.0	31.0	0.0	0.0	0.0
08	84.1	62.7	73.4	2.9	2.6	2.6	570.4	508.6	416.6	268.6	137.7	95.8	0.0	0.2	1.3	8.3	0.3	9.7	31.0	0.0	0.0	0.0
09	77.4	53.5	65.4	3.5	3.5	3.2	329.6	277.9	206.9	109.8	45.7	28.9	16.2	24.5	43.6	96.5	0.2	4.0	29.8	0.0	0.3	0.0
10	64.4	39.4	51.9	4.0	2.9	3.1	81.0	58.5	33.3	10.5	2.7	1.5	177.1	216.5	284.4	416.6	0.0	0.4	27.9	0.4	7.2	0.0
11	49.9	26.7	38.3	5.9	3.9	4.6	6.3	3.5	1.2	0.1	0.0	0.0	507.3	564.5	652.2	801.0	0.0	0.0	17.3	2.7	22.3	0.2
12	37.3	17.4	27.3	5.2	3.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0	857.0	919.0	1011.9	1166.9	0.0	0.0	7.2	9.8	30.1	2.2
Summary	61.7	39.3	50.5	4.5	3.4	3.6	2395	2074	1629	994	502	351	3992	4400	5051	6241	2.7	38.1	263.6	35.5	149.0	8.7

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

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

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	0.48	4.1	1.5	0.2	0.0	0.21	0.33	0.78	
02	0.55	4.5	1.8	0.2	0.0	0.26	0.50	0.85	
03	1.33	5.8	3.1	0.6	0.2	0.55	1.01	1.98	
04	2.38	8.2	5.0	1.5	0.5	1.27	2.21	3.25	
05	4.52	11.2	7.3	2.7	1.2	2.87	4.13	6.36	
06	3.91	9.6	6.6	2.8	1.2	2.15	3.40	5.05	
07	3.61	8.8	5.9	2.4	0.9	1.46	2.53	5.47	
08	3.19	8.3	5.2	2.2	0.9	1.99	2.96	4.21	
09	1.88	6.2	4.0	0.9	0.4	0.99	1.69	2.42	
10	2.11	5.8	3.4	1.4	0.5	0.95	1.52	2.88	
11	0.96	3.8	2.2	0.6	0.1	0.33	0.77	1.36	
12	0.74	3.7	1.6	0.3	0.1	0.12	0.48	1.05	
Summary	25.66	80.0	47.6	15.8	6.0	13.15	21.53	35.66	

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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	5.60	3.4	1.9	0.5	0.2	0.0	12.4	6.0	3.2	0.8	2.00	4.70	8.00
02	7.20	3.4	2.4	0.7	0.4	0.0	10.6	7.2	4.6	1.5	2.40	6.80	11.70
03	3.30	1.7	1.2	0.4	0.2	0.0	3.8	2.2	1.5	0.5	0.90	2.30	4.00
04	1.50	0.9	0.8	0.1	0.1	0.0	1.0	0.3	0.1	0.0	0.00	0.50	2.00
05	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
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	0.60	0.3	0.2	0.1	0.1	0.0	0.5	0.2	0.1	0.0	0.00	0.00	0.00
11	2.40	1.2	0.9	0.3	0.1	0.0	2.7	1.3	0.5	0.0	0.00	0.80	4.20
12	4.20	3.0	1.8	0.4	0.2	0.0	9.9	5.0	2.0	0.6	0.90	3.70	7.10
Summary	24.8	13.9	9.2	2.5	1.3	0.0	40.9	22.2	12.0	3.4	6.2	18.8	37.0

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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	7.4	28.4	128.9	318.3	632.8	932.8	1111.1	1035.2	763.5	391.7	104.9	12.2
45	1.1	10.0	66.3	202.9	481.4	782.8	956.1	880.2	614.4	264.9	51.4	2.9
50	0.1	3.1	27.7	112.9	339.4	633.2	801.2	725.3	468.7	159.0	21.2	0.5
55	0.0	0.5	8.9	52.1	216.0	484.4	646.2	570.4	329.6	81.0	6.3	0.0
60	0.0	0.0	1.6	19.1	119.1	340.0	491.4	416.6	206.9	33.3	1.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	13.4	30.6	105.9	197.4	375.5	614.1	752.7	696.4	484.6	249.2	83.3	15.1

Growing Degree Units (Accumulated Monthly)												
40	7	36	165	483	1116	2049	3160	4195	4958	5350	5455	5467
45	1	11	77	280	762	1544	2501	3381	3995	4260	4312	4314
50	0	3	31	144	483	1116	1918	2643	3112	3271	3292	3292
55	0	0	9	62	278	762	1408	1978	2308	2389	2395	2395
60	0	0	2	21	140	480	971	1388	1595	1628	1629	1629
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	13	44	150	347	723	1337	2090	2786	3271	3520	3603	3618

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