

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 1539 ft. Lat: 48.4583° N Lon: 98.5169° W

Station: EDMORE 4NW, ND US USC00322525

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	13.1	-6.3	3.4	5.8	7.2	6.4	0.0	0.0	0.0	0.0	0.0	0.0	1599.3	1661.3	1754.3	1909.3	0.0	0.0	0.0	28.1	31.0	20.0
02	18.2	-3.5	7.3	7.8	8.9	8.3	0.0	0.0	0.0	0.0	0.0	0.0	1333.9	1390.0	1474.0	1614.0	0.0	0.0	0.3	22.2	27.9	15.0
03	30.5	10.9	20.7	6.1	6.6	6.2	0.1	0.0	0.0	0.0	0.0	0.0	1063.3	1125.2	1218.2	1373.2	0.0	0.0	2.5	16.4	29.7	7.6
04	49.1	27.5	38.3	6.2	3.7	4.8	6.5	3.6	1.3	0.3	0.0	0.0	507.7	564.7	652.5	801.4	0.0	0.0	15.1	3.5	20.5	0.3
05	64.1	40.7	52.4	3.8	3.2	3.2	78.2	55.2	30.1	8.1	1.1	0.5	159.0	197.9	265.8	398.8	0.0	0.1	27.2	0.1	5.9	0.0
06	73.1	51.3	62.2	3.3	2.2	2.6	234.6	186.4	123.4	49.4	13.8	7.2	18.7	30.5	57.6	133.5	0.0	0.4	30.0	0.0	0.0	0.0
07	77.8	55.4	66.6	2.9	2.2	2.4	361.1	301.8	217.9	101.2	31.4	16.1	1.5	4.2	13.3	51.6	0.0	1.2	31.0	0.0	0.0	0.0
08	77.8	52.7	65.2	2.8	2.3	2.3	323.0	265.7	185.9	81.1	24.6	13.6	5.5	10.1	23.3	73.6	0.0	1.9	31.0	0.0	0.0	0.0
09	68.6	43.1	55.9	3.2	2.9	2.8	116.7	87.1	52.3	17.5	3.4	1.4	91.3	121.8	177.0	292.1	0.0	0.3	29.1	0.0	3.1	0.0
10	52.4	29.5	40.9	5.0	3.4	3.7	11.3	7.1	2.9	0.5	0.1	0.0	446.9	504.7	593.4	746.1	0.0	0.0	17.6	1.4	18.7	0.1
11	33.5	15.1	24.3	7.2	5.5	6.2	0.0	0.0	0.0	0.0	0.0	0.0	921.0	981.0	1071.0	1221.0	0.0	0.0	3.7	14.3	29.2	3.7
12	18.6	1.2	9.9	7.2	6.9	7.0	0.0	0.0	0.0	0.0	0.0	0.0	1397.8	1459.9	1552.9	1707.9	0.0	0.0	0.0	26.5	31.0	14.9
Summary	48.1	26.5	37.3	5.1	4.6	4.7	1132	907	614	258	74	39	7546	8051	8853	10323	0.0	3.9	187.5	112.5	197.0	61.6

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	0.70	5.4	2.3	0.2	0.0	0.32	0.67	1.07	
02	0.43	4.5	1.6	0.1	0.0	0.17	0.38	0.63	
03	0.84	5.4	2.6	0.4	0.1	0.49	0.72	1.11	
04	1.18	5.2	3.4	0.5	0.1	0.55	1.11	1.74	
05	2.90	10.5	6.8	1.9	0.5	1.71	2.63	3.76	
06	3.90	11.9	7.8	2.6	0.8	2.84	3.54	4.53	
07	3.71	9.6	7.0	2.6	0.6	2.53	3.18	4.04	
08	2.85	8.6	5.6	1.8	0.5	1.99	2.66	3.93	
09	2.05	7.5	4.3	1.2	0.5	1.09	1.81	2.57	
10	1.53	6.6	3.6	0.9	0.2	0.66	1.42	2.06	
11	0.94	4.2	2.6	0.6	0.2	0.31	0.66	1.49	
12	0.87	6.3	2.9	0.3	0.0	0.49	0.81	1.17	
Summary	21.90	85.7	50.5	13.1	3.5	13.15	19.59	28.10	

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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	6.90	5.2	2.6	0.7	0.2	0.0	30.8	27.2	21.9	9.8	3.20	5.00	11.00
02	4.50	4.2	2.1	0.5	0.1	0.0	26.7	24.2	19.6	11.2	2.00	4.00	7.00
03	5.10	3.8	2.2	0.6	0.3	0.0	22.7	19.4	15.4	8.3	1.60	4.40	9.00
04	3.70	1.4	1.2	0.5	0.2	0.0	3.7	1.8	0.8	0.0	0.00	3.00	5.90
05	0.70	0.4	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.20
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	2.10	1.3	1.1	0.2	0.0	0.0	2.2	0.5	0.2	0.0	0.00	1.80	2.40
11	5.70	3.5	2.4	0.9	0.3	0.1	15.1	9.0	4.8	2.5	1.70	4.50	9.10
12	9.30	6.2	4.0	0.9	0.2	0.0	27.8	21.1	14.8	5.1	5.80	8.50	13.20
Summary	38.0	26.0	15.9	4.4	1.3	0.1	129.3	103.3	77.5	36.9	14.3	31.2	57.8

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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	0.0	0.4	9.7	108.9	398.8	665.8	824.5	782.5	479.6	138.4	10.0	0.0
45	0.0	0.0	3.5	54.3	267.7	516.3	669.6	627.6	339.9	70.9	2.5	0.0
50	0.0	0.0	1.0	22.8	158.9	370.1	514.7	473.0	215.8	30.8	0.3	0.0
55	0.0	0.0	0.1	6.5	78.2	234.6	361.1	323.0	116.7	11.3	0.0	0.0
60	0.0	0.0	0.0	1.3	30.1	123.4	217.9	185.9	52.3	2.9	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.5	9.4	79.4	236.3	397.3	519.4	489.5	295.2	100.9	11.4	0.1

Growing Degree Units (Accumulated Monthly)												
40	0	0	10	119	518	1184	2008	2791	3270	3409	3419	3419
45	0	0	4	58	326	842	1511	2139	2479	2550	2552	2552
50	0	0	1	24	183	553	1068	1540	1756	1787	1787	1787
55	0	0	0	7	85	319	680	1004	1120	1132	1132	1132
60	0	0	0	1	31	155	373	559	611	614	614	614
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	10	89	326	723	1242	1732	2027	2128	2139	2139

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

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