

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1435 ft. Lat: 46.1583° N Lon: 98.3989° W
Station: FULLERTON 1 ESE, ND US USC00323287

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	22.2	2.2	12.2	6.0	6.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	1326.6	1388.6	1481.6	1636.6	0.0	0.0	0.2	22.7	31.0	14.5
02	27.6	6.1	16.8	7.2	8.1	7.5	0.0	0.0	0.0	0.0	0.0	0.0	1068.0	1124.0	1208.0	1348.1	0.0	0.0	0.8	16.9	27.5	9.9
03	40.2	18.6	29.4	6.6	5.7	5.9	0.7	0.3	0.1	0.0	0.0	0.0	794.3	856.0	948.7	1103.6	0.0	0.0	6.8	8.0	28.4	3.3
04	55.2	31.2	43.2	5.3	3.5	4.1	15.2	9.6	4.4	0.7	0.1	0.0	369.2	423.7	508.5	654.8	0.0	0.0	20.2	1.5	16.6	0.0
05	68.2	44.0	56.1	3.6	2.9	2.8	129.6	98.2	60.1	21.6	5.5	2.8	95.5	126.1	181.1	297.6	0.0	0.4	29.5	0.0	2.9	0.0
06	77.4	55.0	66.2	2.9	2.8	2.7	341.0	285.8	207.7	99.5	34.2	20.6	5.2	9.9	21.8	63.6	0.0	1.5	30.0	0.0	0.0	0.0
07	82.0	59.0	70.5	3.3	2.8	2.8	480.4	418.7	327.8	186.5	77.3	48.4	0.0	0.4	2.4	16.1	0.1	3.3	31.0	0.0	0.0	0.0
08	80.5	56.4	68.4	2.6	2.4	2.2	417.8	357.3	269.8	139.9	50.5	29.2	1.0	2.5	8.0	33.0	0.1	2.3	31.0	0.0	0.0	0.0
09	71.5	47.5	59.5	3.1	2.6	2.5	183.1	143.7	94.2	38.2	11.0	6.0	48.2	68.8	109.4	203.3	0.0	0.7	29.6	0.0	1.2	0.0
10	56.2	34.3	45.3	4.9	3.3	3.7	26.0	17.4	8.8	2.0	0.2	0.0	328.3	381.6	466.1	614.3	0.0	0.0	21.5	0.8	13.3	0.0
11	38.7	20.5	29.6	7.0	4.6	5.7	0.3	0.1	0.0	0.0	0.0	0.0	762.2	822.1	912.0	1062.0	0.0	0.0	6.0	9.8	26.6	1.2
12	26.0	8.4	17.2	6.5	5.8	6.0	0.0	0.0	0.0	0.0	0.0	0.0	1171.6	1233.6	1326.6	1481.6	0.0	0.0	0.6	20.5	31.0	8.3
Summary	53.8	31.9	42.9	4.9	4.2	4.3	1594	1331	973	488	179	107	5970	6437	7174	8515	0.2	8.2	207.2	80.2	178.5	37.2

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	0.62	4.3	2.5	0.1	0.0	0.39	0.60	0.80
02	0.66	4.7	2.2	0.3	0.1	0.39	0.57	0.95
03	1.17	4.3	2.9	0.6	0.2	0.51	1.02	1.57
04	1.78	6.6	4.0	1.1	0.4	1.14	1.60	2.28
05	3.54	9.4	6.6	2.4	0.9	2.01	2.99	4.45
06	4.07	10.7	7.8	2.8	0.8	2.32	4.29	5.38
07	3.62	9.1	6.4	2.4	0.9	1.97	3.36	4.03
08	2.62	7.4	5.1	1.7	0.5	1.34	2.36	3.06
09	2.49	6.9	4.6	1.9	0.7	1.17	2.08	4.03
10	2.05	6.3	3.9	1.5	0.5	0.88	1.41	2.92
11	0.77	4.0	2.4	0.4	0.0	0.28	0.57	1.27
12	0.86	3.7	2.2	0.3	0.1	0.19	0.59	1.37
Summary	24.25	77.4	50.6	15.5	5.1	12.59	21.44	32.11

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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	7.20	3.2	2.6	1.0	0.3	0.0					3.00	6.30	9.50
02	6.00	3.6	2.7	0.7	0.2	0.0					2.50	6.50	7.50
03	6.90	2.6	2.0	0.9	0.4	0.1					2.00	4.00	10.00
04	3.70	0.9	0.8	0.4	0.2	0.1					0.00	1.00	4.20
05	0.00	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					0.00	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	1.60	0.6	0.4	0.2	0.1	0.0					0.00	0.00	1.00
11	4.20	1.9	1.7	0.6	0.4	0.1					0.00	1.20	5.90
12	7.30	3.6	2.7	0.9	0.3	0.1					3.00	6.00	9.30
Summary	36.9	16.4	12.9	4.7	1.9	0.4	0.0	0.0	0.0	0.0	10.5	25.0	47.4

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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	1.9	25.8	176.6	502.2	785.9	945.4	881.8	585.6	223.7	29.4	0.5
45	0.0	0.3	8.9	95.1	359.2	635.8	790.3	726.7	439.0	127.8	10.0	0.0
50	0.0	0.0	2.4	41.7	232.3	486.7	635.4	571.8	300.9	63.0	2.5	0.0
55	0.0	0.0	0.7	15.2	129.6	341.0	480.4	417.8	183.1	26.0	0.3	0.0
60	0.0	0.0	0.1	4.4	60.1	207.7	327.8	269.8	94.2	8.8	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.4	1.7	24.5	126.5	304.1	494.2	623.5	571.1	356.9	139.0	22.8	1.1

Growing Degree Units (Accumulated Monthly)												
40	0	2	28	204	707	1493	2438	3320	3905	4129	4158	4159
45	0	0	9	104	464	1099	1890	2616	3055	3183	3193	3193
50	0	0	2	44	276	763	1398	1970	2271	2334	2337	2337
55	0	0	1	16	146	486	967	1385	1568	1594	1594	1594
60	0	0	0	4	65	272	600	870	964	973	973	973
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	27	153	457	951	1575	2146	2503	2642	2665	2666

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