

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1149 ft. Lat: 46.4444° N Lon: 97.6928° W

Station: LISBON, ND US USC00325220

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	18.5	-0.3	9.1	6.2	6.5	6.2	0.0	0.0	0.0	0.0	0.0	0.0	1422.6	1484.6	1577.6	1732.7	0.0	0.0	0.1	24.8	30.9	15.3
02	23.7	3.4	13.5	7.4	8.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0	1160.4	1216.4	1300.4	1440.5	0.0	0.0	0.7	19.2	27.5	11.4
03	37.1	16.2	26.6	6.9	5.5	6.1	0.2	0.0	0.0	0.0	0.0	0.0	879.0	940.9	1033.9	1188.9	0.0	0.0	5.5	9.8	28.5	3.7
04	53.5	29.1	41.3	5.7	3.6	4.4	9.7	5.7	2.7	0.6	0.1	0.1	420.7	476.8	563.7	711.6	0.0	0.1	18.7	1.8	17.7	0.1
05	67.4	42.5	55.0	3.8	2.6	2.9	115.2	86.2	51.8	18.2	5.0	2.4	116.8	149.8	208.4	329.8	0.0	0.7	29.0	0.0	3.0	0.0
06	77.1	53.8	65.5	3.1	2.4	2.6	321.1	266.9	192.4	92.2	31.8	18.6	7.7	13.5	29.0	78.8	0.0	2.9	29.9	0.0	0.0	0.0
07	82.0	58.4	70.2	3.6	2.0	2.6	471.4	410.1	319.9	180.3	74.4	46.0	0.3	1.0	3.9	19.2	0.2	5.0	31.0	0.0	0.0	0.0
08	80.6	55.4	68.0	2.7	2.2	2.3	404.4	344.3	257.7	133.5	49.9	29.2	1.5	3.4	9.8	40.5	0.2	3.8	31.0	0.0	0.0	0.0
09	72.1	45.7	58.9	3.2	2.8	2.7	174.4	136.8	88.9	36.0	10.2	5.6	57.6	80.0	122.1	219.1	0.0	1.6	29.7	0.0	1.7	0.0
10	56.1	32.2	44.1	4.7	3.1	3.6	20.6	13.8	7.3	1.6	0.0	0.0	357.0	412.2	498.6	648.0	0.0	0.2	22.8	0.8	14.8	0.0
11	38.7	19.1	28.9	7.0	4.8	5.7	0.3	0.2	0.0	0.0	0.0	0.0	783.3	843.1	932.9	1082.9	0.0	0.0	6.3	9.9	27.1	1.6
12	24.6	7.2	15.9	6.5	6.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	1211.9	1273.9	1366.9	1522.0	0.0	0.0	0.5	20.3	30.9	8.4
Summary	52.6	30.2	41.4	5.1	4.2	4.4	1517	1264	921	462	171	102	6419	6896	7647	9014	0.4	14.3	205.2	86.6	182.1	40.5

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	0.71	4.5	2.2	0.2	0.0	0.29	0.64	0.92
02	0.89	4.6	2.5	0.1	0.0	0.61	0.92	1.18
03	0.96	5.0	3.0	0.6	0.1	0.23	0.60	1.65
04	1.52	6.8	3.8	0.9	0.2	0.89	1.45	2.28
05	3.11	10.4	6.4	2.2	0.6	2.02	2.87	3.77
06	3.40	10.9	6.8	2.3	1.1	2.14	3.64	4.00
07	2.90	9.5	5.9	1.7	0.9	1.63	2.47	3.80
08	2.65	7.5	4.5	1.9	0.7	1.58	2.37	3.29
09	2.40	7.4	4.0	1.4	0.6	1.24	2.18	3.07
10	2.20	6.8	3.8	1.4	0.4	1.10	1.53	3.12
11	0.78	5.1	2.6	0.3	0.0	0.11	0.58	1.07
12	0.75	4.5	2.1	0.2	0.0	0.43	0.54	0.99
Summary	22.27	83.0	47.6	13.2	4.6	12.27	19.79	29.14

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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	9.70	4.8	2.8	1.3	0.4	0.0					5.80	9.30	14.00
02	7.10	4.1	2.4	0.8	0.3	0.0					3.30	5.00	10.20
03	7.80	3.5	2.1	1.2	0.6	0.1					2.00	6.80	10.50
04	4.50	1.3	1.2	0.5	0.3	0.0					0.00	3.00	6.30
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	1.50	0.7	0.5	0.2	0.1	0.0					0.00	0.00	1.50
11	7.40	3.5	1.7	1.0	0.3	0.0					0.50	3.10	11.90
12	8.70	5.0	3.3	1.0	0.4	0.0					3.30	5.40	8.60
Summary	46.7	22.9	14.0	6.0	2.4	0.1	0.0	0.0	0.0	0.0	14.9	32.6	63.0

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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	0.0	1.5	17.7	140.1	468.8	763.2	935.8	867.6	567.6	199.6	28.7	0.2
45	0.0	0.2	5.0	70.7	330.1	613.4	780.9	712.8	422.4	110.6	9.9	0.0
50	0.0	0.0	0.6	28.8	209.2	465.0	626.1	558.0	288.2	52.4	2.2	0.0
55	0.0	0.0	0.2	9.7	115.2	321.1	471.4	404.4	174.4	20.6	0.3	0.0
60	0.0	0.0	0.0	2.7	51.8	192.4	319.9	257.7	88.9	7.3	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	1.7	20.0	108.7	288.5	473.1	608.3	555.6	352.3	134.6	24.8	0.4

Growing Degree Units (Accumulated Monthly)												
40	0	2	19	159	628	1391	2327	3195	3762	3962	3991	3991
45	0	0	5	76	406	1019	1800	2513	2936	3046	3056	3056
50	0	0	1	29	239	704	1330	1888	2176	2228	2230	2230
55	0	0	0	10	125	446	918	1322	1496	1517	1517	1517
60	0	0	0	3	54	247	567	824	913	921	921	921
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	22	130	419	892	1500	2056	2408	2543	2568	2568

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

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