

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 1662 ft. Lat: 41.1844° N Lon: 97.5514° W

Station: OSCEOLA, NE US USC00256375

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	34.3	13.1	23.7	5.6	4.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0	970.2	1032.2	1125.1	1280.2	0.0	0.0	3.9	13.6	30.2	5.2
02	39.0	16.4	27.7	7.1	5.7	6.3	0.4	0.1	0.0	0.0	0.0	0.0	764.7	820.4	904.3	1044.3	0.0	0.0	6.8	10.1	25.5	3.3
03	51.6	26.2	38.9	6.2	4.5	5.0	10.7	6.6	2.8	0.6	0.0	0.0	509.9	567.8	657.0	809.8	0.0	0.0	16.9	3.0	22.0	0.8
04	62.7	37.0	49.8	3.9	3.5	3.5	57.9	41.3	23.3	7.7	1.6	0.6	212.3	255.7	327.8	462.2	0.0	0.2	25.3	0.4	8.8	0.0
05	73.0	50.1	61.5	3.8	2.8	3.1	242.6	198.6	140.2	66.7	23.5	13.7	39.6	57.6	92.2	173.7	0.1	1.1	30.4	0.0	0.6	0.0
06	82.4	60.7	71.5	2.7	2.1	2.3	496.9	437.7	350.6	214.6	104.6	71.6	0.6	1.3	4.2	18.2	0.0	5.1	30.0	0.0	0.0	0.0
07	86.0	64.8	75.4	3.1	2.4	2.6	632.3	570.3	477.3	325.1	183.5	133.8	0.0	0.0	0.0	2.8	0.1	8.4	31.0	0.0	0.0	0.0
08	83.8	62.2	73.0	2.5	2.5	2.3	558.0	496.1	404.0	255.3	127.0	86.7	0.0	0.1	1.1	7.4	0.0	5.6	31.0	0.0	0.0	0.0
09	78.0	53.1	65.6	3.4	3.3	3.1	331.0	279.0	207.4	110.4	47.3	30.3	14.6	22.6	41.0	94.0	0.0	2.4	29.9	0.0	0.1	0.0
10	65.1	39.8	52.5	4.0	2.7	3.1	86.8	63.2	36.6	12.2	3.1	1.7	165.9	204.2	270.7	401.2	0.0	0.3	27.6	0.3	6.1	0.0
11	50.3	26.7	38.5	6.1	4.5	5.1	8.2	4.9	1.8	0.1	0.0	0.0	503.2	559.8	646.8	795.0	0.0	0.0	15.4	3.5	21.1	0.2
12	37.4	17.1	27.3	4.9	4.3	4.4	0.1	0.0	0.0	0.0	0.0	0.0	860.1	922.1	1015.0	1170.1	0.0	0.0	5.1	11.1	29.6	2.4
Summary	62.0	38.9	50.4	4.4	3.6	3.8	2425	2098	1644	993	491	338	4041	4444	5085	6259	0.2	23.1	253.3	42.0	144.0	11.9

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	0.66	4.4	1.9	0.4	0.0	0.25	0.54	1.12
02	0.78	4.9	2.3	0.3	0.0	0.51	0.78	0.99
03	1.62	6.9	4.1	1.0	0.1	0.96	1.36	2.22
04	2.90	8.8	5.4	2.0	0.7	2.10	2.82	3.78
05	4.86	11.6	7.9	3.5	1.4	2.86	4.19	6.99
06	4.20	10.1	6.4	2.8	1.2	2.55	3.40	5.58
07	3.15	8.8	5.3	2.1	0.7	1.75	2.73	4.21
08	3.58	8.7	5.1	2.1	1.1	1.80	3.27	4.05
09	2.42	7.0	4.2	1.5	0.6	1.27	2.25	3.12
10	2.17	6.5	4.3	1.4	0.5	0.92	1.58	3.20
11	1.36	4.8	2.8	0.9	0.3	0.63	1.19	2.06
12	1.09	4.9	2.4	0.7	0.1	0.29	0.94	1.57
Summary	28.79	87.4	52.1	18.7	6.7	15.89	25.05	38.89

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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	6.20	3.7	2.0	0.8	0.3	0.0	16.4	10.0	5.7	2.2	2.00	5.20	9.40
02	7.50	4.1	2.4	1.0	0.4	0.0	13.5	9.6	6.7	2.4	5.20	7.60	10.30
03	4.10	2.2	1.2	0.5	0.4	0.0	4.8	2.8	1.6	0.7	0.60	2.40	6.40
04	2.00	0.8	0.7	0.3	0.2	0.0	0.8	0.3	0.1	0.0	0.00	0.00	5.00
05	0.00	0.1	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	0.90	0.4	0.3	0.1	0.1	0.0	0.3	0.1	0.1	0.0	0.00	0.00	0.00
11	2.80	1.8	0.9	0.3	0.1	0.0	3.3	1.2	0.4	0.1	0.20	1.10	4.40
12	5.80	3.4	2.0	0.6	0.2	0.0	10.3	5.4	4.1	1.2	2.00	3.80	9.10
Summary	29.3	16.5	9.5	3.6	1.7	0.0	49.4	29.4	18.7	6.6	10.0	20.1	44.6

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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	8.2	27.4	130.1	327.0	668.5	946.3	1097.3	1022.9	766.4	405.5	109.3	13.7
45	1.4	9.7	67.7	211.0	515.9	796.3	942.2	867.9	616.8	276.6	55.3	3.7
50	0.1	2.7	30.0	119.5	371.1	646.3	787.3	712.9	470.2	168.1	23.9	0.6
55	0.0	0.4	10.7	57.9	242.6	496.9	632.3	558.0	331.0	86.8	8.2	0.1
60	0.0	0.0	2.8	23.3	140.2	350.6	477.3	404.0	207.4	36.6	1.8	0.0
Growing Degree Units for Corn (Monthly)												
50/86	11.4	28.3	108.4	213.8	407.2	626.6	749.2	688.8	486.2	256.8	84.8	15.2

Growing Degree Units (Accumulated Monthly)												
40	8	36	166	493	1161	2108	3205	4228	4994	5400	5509	5523
45	1	11	79	290	806	1602	2544	3412	4029	4306	4361	4364
50	0	3	33	152	523	1170	1957	2670	3140	3308	3332	3333
55	0	0	11	69	312	808	1441	1999	2330	2417	2425	2425
60	0	0	3	26	166	517	994	1398	1606	1642	1644	1644
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	11	40	148	362	769	1396	2145	2834	3320	3577	3662	3677

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