

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3390 ft. Lat: 41.4014° N Lon: 102.3464° W
Station: OSHKOSH, NE US USC00256385
Generated on 04/30/2024

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	39.7	12.5	26.1	5.1	3.3	4.0	0.0	0.0	0.0	0.0	0.0	0.0	895.9	957.9	1050.9	1205.9	0.0	0.0	8.0	8.4	30.9	5.0
02	43.2	15.4	29.3	6.9	5.0	5.7	0.2	0.1	0.0	0.0	0.0	0.0	719.6	775.6	859.5	999.5	0.0	0.0	10.4	6.4	27.4	3.1
03	53.4	23.9	38.7	5.4	2.9	3.9	4.4	2.3	0.5	0.0	0.0	0.0	511.3	571.2	662.4	816.9	0.0	0.0	19.3	2.2	26.5	0.7
04	61.1	32.4	46.7	3.8	2.8	3.0	25.8	15.8	6.7	1.3	0.1	0.0	273.2	323.2	404.1	548.8	0.0	0.1	24.2	0.8	15.7	0.0
05	70.3	43.6	56.9	4.2	2.5	3.0	149.6	115.5	72.3	26.0	5.8	2.7	89.1	117.0	166.9	275.5	0.0	1.3	29.5	0.0	3.7	0.0
06	82.1	54.1	68.1	4.0	2.5	2.9	398.1	341.5	260.4	142.7	59.4	37.7	5.2	8.6	17.5	49.8	0.5	6.7	29.9	0.0	0.0	0.0
07	88.3	60.4	74.3	3.3	2.0	2.3	599.6	537.7	445.2	293.9	157.6	111.9	0.0	0.1	0.5	4.2	2.0	14.6	31.0	0.0	0.0	0.0
08	86.4	57.8	72.1	3.1	2.2	2.4	530.3	469.0	378.6	233.8	110.0	71.4	0.3	1.0	3.6	13.8	0.9	11.2	31.0	0.0	0.0	0.0
09	78.7	47.7	63.2	3.1	3.0	2.7	272.4	224.4	160.0	76.3	25.8	14.2	26.5	38.5	64.1	130.4	0.2	5.2	29.6	0.0	1.4	0.0
10	64.4	33.5	48.9	4.3	2.9	3.2	44.3	28.4	12.6	2.1	0.2	0.0	231.7	277.8	355.1	499.6	0.0	0.2	26.9	0.7	14.4	0.1
11	51.4	21.6	36.5	5.6	2.9	3.9	1.7	0.7	0.2	0.0	0.0	0.0	556.6	615.7	705.2	855.0	0.0	0.0	17.2	2.9	27.8	1.0
12	40.6	13.0	26.8	4.4	3.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0	873.9	936.0	1029.0	1184.0	0.0	0.0	9.0	7.9	30.9	4.3
Summary	63.3	34.7	49.0	4.4	3.0	3.4	2026	1735	1336	776	359	238	4183	4623	5319	6583	3.6	39.3	266.0	29.3	178.7	14.2

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	0.25	2.3	1.0	0.0	0.0	0.06	0.16	0.43	
02	0.38	3.1	1.4	0.1	0.0	0.19	0.31	0.45	
03	0.93	4.0	2.1	0.6	0.1	0.31	0.80	1.26	
04	2.00	7.0	4.2	1.4	0.3	1.11	2.12	2.58	
05	3.02	9.6	6.1	2.0	0.6	1.79	2.87	3.95	
06	2.98	9.6	6.3	2.0	0.6	1.99	2.82	3.94	
07	2.75	8.1	5.2	1.9	0.8	1.57	2.79	3.88	
08	1.93	6.9	4.3	1.2	0.4	1.05	1.85	2.41	
09	1.52	5.1	3.5	0.8	0.3	0.58	1.57	2.20	
10	1.33	5.4	2.9	0.8	0.2	0.75	0.97	1.85	
11	0.46	2.6	1.5	0.1	0.0	0.22	0.42	0.68	
12	0.36	2.3	1.1	0.1	0.0	0.05	0.23	0.41	
Summary	17.91	66.0	39.6	11.0	3.3	9.67	16.91	24.04	

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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	3.80	2.0	1.6	0.5	0.1	0.0	10.5	7.6	5.2	1.7	1.50	3.00	4.30
02	5.30	2.7	2.0	0.8	0.3	0.0	8.1	5.6	3.5	1.0	2.50	4.60	8.00
03	4.10	1.6	1.4	0.6	0.3	0.0	3.1	1.8	1.0	0.3	1.00	3.00	6.00
04	3.80	1.0	0.9	0.5	0.2	0.1	1.3	1.0	0.4	0.0	0.00	3.00	6.00
05	0.40	0.2	0.2	0.0	0.0	0.0	0.1	0.1	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	1.60	0.6	0.5	0.3	0.1	0.0	1.0	0.7	0.3	0.0	0.00	0.00	0.70
11	3.60	1.4	1.3	0.6	0.2	0.0	2.8	1.6	0.5	0.2	1.00	3.20	5.20
12	5.10	2.2	1.9	0.7	0.2	0.0	8.2	4.6	3.3	1.2	2.40	4.20	8.00
Summary	27.7	11.7	9.8	4.0	1.4	0.1	35.1	23.0	14.2	4.4	8.4	21.0	38.2

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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	7.5	22.7	110.3	245.4	528.1	842.9	1064.6	995.0	696.5	313.5	76.6	9.4
45	1.4	7.0	50.4	142.8	383.0	693.1	909.5	839.9	549.0	194.9	31.1	1.8
50	0.2	1.5	17.5	68.5	254.0	544.0	754.5	684.9	405.2	103.7	8.8	0.2
55	0.0	0.2	4.4	25.8	149.6	398.1	599.6	530.3	272.4	44.3	1.7	0.0
60	0.0	0.0	0.5	6.7	72.3	260.4	445.2	378.6	160.0	12.6	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	22.8	41.1	121.4	191.4	327.9	532.4	688.3	640.5	444.1	242.2	99.1	27.6

Growing Degree Units (Accumulated Monthly)												
40	8	30	140	386	914	1757	2822	3816	4513	4826	4903	4912
45	1	8	59	202	585	1278	2187	3027	3576	3771	3802	3804
50	0	2	19	88	342	886	1640	2325	2730	2834	2843	2843
55	0	0	5	30	180	578	1178	1708	1980	2025	2026	2026
60	0	0	0	7	80	340	785	1164	1324	1336	1336	1336
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	23	64	185	377	705	1237	1925	2566	3010	3252	3351	3379

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

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