

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1190 ft. Lat: 43.4386° N Lon: 93.2253° W
Station: **NORTHWOOD, IA US USC00136103**

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	21.3	3.8	12.6	5.0	6.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1315.6	1377.6	1470.6	1625.7	0.0	0.0	0.3	24.3	31.0	12.6
02	25.7	8.0	16.9	6.1	7.3	6.6	0.0	0.0	0.0	0.0	0.0	0.0	1068.0	1124.0	1208.0	1348.1	0.0	0.0	0.6	17.8	27.3	8.1
03	38.4	20.6	29.5	5.9	5.2	5.4	2.4	1.4	0.6	0.1	0.0	0.0	792.9	853.9	946.2	1100.6	0.0	0.0	6.0	8.7	26.4	2.4
04	54.0	32.6	43.3	4.4	3.5	3.8	18.8	12.1	5.9	1.2	0.1	0.0	369.8	423.2	506.9	652.3	0.0	0.0	20.1	1.1	12.4	0.0
05	66.3	44.9	55.6	3.5	3.2	3.1	120.0	90.5	56.1	21.0	5.1	2.6	101.5	134.0	192.5	312.4	0.0	0.6	29.5	0.0	1.4	0.0
06	76.0	55.9	65.9	2.5	2.1	2.1	334.9	280.0	202.5	95.4	30.8	16.9	6.6	11.7	24.1	67.0	0.0	1.2	30.0	0.0	0.0	0.0
07	78.6	59.4	69.0	3.1	2.3	2.6	434.0	372.7	282.6	145.5	52.5	30.2	0.1	0.8	3.7	21.6	0.0	1.6	31.0	0.0	0.0	0.0
08	76.4	56.6	66.5	2.4	2.6	2.3	357.4	297.1	210.9	93.0	26.7	13.8	1.0	2.7	9.5	46.5	0.0	0.6	31.0	0.0	0.0	0.0
09	70.8	47.9	59.3	3.4	3.3	3.1	178.7	138.4	88.3	32.9	7.3	3.0	48.3	68.1	108.0	202.5	0.0	0.3	29.6	0.0	0.8	0.0
10	57.1	35.1	46.1	3.5	2.8	2.9	31.3	21.3	11.1	3.0	0.7	0.3	307.1	359.1	442.0	588.9	0.0	0.0	23.6	0.3	10.7	0.0
11	40.8	22.6	31.7	6.9	4.8	5.7	1.1	0.4	0.0	0.0	0.0	0.0	700.1	759.4	849.0	999.0	0.0	0.0	7.9	7.7	24.2	0.5
12	27.4	11.4	19.4	5.2	5.8	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1103.5	1165.5	1258.5	1413.5	0.0	0.0	0.8	18.6	30.2	6.1
Summary	52.7	33.2	43.0	4.3	4.1	4.0	1479	1214	858	392	123	67	5814	6280	7019	8378	0.0	4.3	210.4	78.5	164.4	29.7

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	1.07	7.8	3.0	0.4	0.0	0.61	0.94	1.40	
02	1.02	6.0	3.0	0.4	0.1	0.68	0.93	1.39	
03	1.99	7.6	3.9	1.5	0.3	1.25	2.17	2.54	
04	3.82	10.0	6.9	2.7	1.1	2.39	3.61	5.21	
05	4.78	12.0	8.2	3.4	1.4	3.25	4.30	5.92	
06	5.13	11.1	8.0	3.6	1.3	3.37	4.98	6.93	
07	4.73	8.6	6.5	3.2	1.1	2.78	4.51	6.36	
08	3.92	8.4	5.9	2.7	1.2	2.23	3.16	5.00	
09	3.32	7.8	5.6	2.2	0.9	1.49	2.68	4.46	
10	2.68	8.1	5.1	2.0	0.5	1.38	1.94	3.67	
11	1.73	6.8	3.6	1.0	0.5	0.61	1.50	2.50	
12	1.28	6.9	3.6	0.7	0.0	0.61	1.04	1.83	
Summary	35.47	101.1	63.3	23.8	8.4	20.65	31.76	47.21	

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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

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	10.90	6.2	3.2	1.6	0.4	0.1					7.20	9.10	14.80
02	9.30	4.9	2.3	1.1	0.4	0.1					4.10	9.80	13.10
03	6.20	3.4	1.4	0.5	0.4	0.0					4.10	5.00	9.60
04	3.30	1.0	0.8	0.4	0.3	0.0					0.00	0.80	3.00
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	0.30	0.2	0.1	0.0	0.0	0.0					0.00	0.00	0.00
11	2.60	2.3	1.3	0.3	0.0	0.0					0.50	1.80	2.90
12	7.60	5.4	3.2	0.9	0.1	0.0					3.30	5.50	9.70
Summary	40.2	23.4	12.3	4.8	1.6	0.2	0.0	0.0	0.0	0.0	19.2	32.0	53.1

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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	1.4	37.2	177.4	486.5	778.3	898.9	821.4	581.1	241.8	43.8	2.7
45	0.0	0.4	17.1	96.2	342.1	628.3	743.9	666.4	434.9	142.8	18.2	0.8
50	0.0	0.1	7.0	45.3	215.8	479.1	588.9	511.4	297.9	73.4	5.5	0.1
55	0.0	0.0	2.4	18.8	120.0	334.9	434.0	357.4	178.7	31.3	1.1	0.0
60	0.0	0.0	0.6	5.9	56.1	202.5	282.6	210.9	88.3	11.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.3	0.8	25.8	113.5	276.8	485.2	586.6	516.8	347.3	148.0	30.4	1.7

Growing Degree Units (Accumulated Monthly)												
40	0	1	39	216	702	1481	2380	3201	3782	4024	4068	4070
45	0	0	18	114	456	1084	1828	2494	2929	3072	3090	3091
50	0	0	7	52	268	747	1336	1848	2146	2219	2224	2224
55	0	0	2	21	141	476	910	1268	1446	1478	1479	1479
60	0	0	1	6	63	265	548	759	847	858	858	858
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	27	140	417	902	1489	2006	2353	2501	2532	2533

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