

## IOWA MONTHLY WEATHER SUMMARY – MARCH 2025

General Summary: Statewide temperatures averaged 42.7 degrees or 6.3 degrees above normal while precipitation totaled 2.57 inches, 0.58 inch above normal. March 2025 ties 1918 and 1968 as the 9th warmest in 153 years of records. It also ties 1884 and 1995 as the 39th wettest March on record. A warmer March last occurred in 2012, which is the warmest on record, while 2024 was wetter.

Temperatures: Warmer than average temperatures blanketed Iowa through March with the warmest conditions across eastern Iowa; stations there reported positive departures approaching eight degrees. March's statewide average maximum temperature was 55.8 degrees, 9.5 degrees above normal, while the average minimum temperature was 29.6 degrees, 3.1 degrees above normal. Sioux City Airport (Woodbury County) reported the month's high temperature of 89 degrees on the 28<sup>th</sup>, 35 degrees above average. Elkader (Clayton County) and Vinton (Benton County) reported the month's low temperature of nine degrees on the 2<sup>nd</sup>, on average 10 degrees below normal.

Heating Degree Days: Home heating requirements, estimated by heating degree day totals, averaged 7% less than last March and 22% less than normal. Heating degree day totals are running 10% more than last year at this time and 8% less than normal.

Precipitation: Most of Iowa's National Weather Service (NWS) stations across the northern two-thirds of the state reported at least 125% of normal precipitation with pockets of 200-300% of normal in north-central and western Iowa. Monthly precipitation totals ranged from 0.59 inches in Clarinda (Page County) to 5.00 inches at a Community Collaborative Rain, Hail and Snow (CoCoRaHS) network gauge near Webster City (Hamilton County). The statewide average snowfall was 4.0 inches, 0.7 inch below normal.

US Drought Monitor: The US Drought Monitor showed improvement across much of Iowa through March. Overall, Iowa experienced a 39% reduction in D1 (Moderate Drought) and D2 (Severe Drought) conditions with a 32% increase in D0 (Abnormal Dryness); D2 conditions were also removed from northwest Iowa. As of the first week of April, the area designated as D1 covers about 34% of the state, a reduction of 38%. Finally, 21% of Iowa is free from drought. According to the Iowa Drought Plan (IDP) trigger tables, Drought Region 3 is the only region classified as in a "Watch." The remaining Drought Regions are classified as "Normal."

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# March 2025

## WEATHER BY DISTRICTS

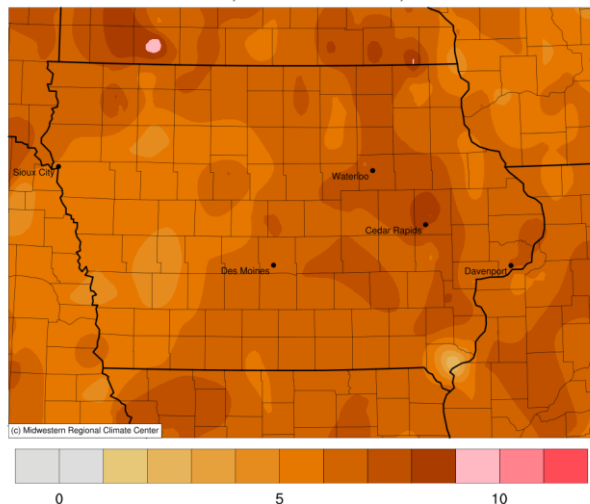
DISTRICT	TEMPERATURE (°F)		HEATING DEGREE DAYS				PRECIPITATION (inches)				SNOWFALL Mar 2025 Average
	March 2025 Average	March 2025 Departure	March 2025 Average	March 2025 Departure	Since Jul., 1, 2025 Average	Since Jul., 1, 2025 Departure	March 2025 Average	March 2025 Departure	Since Jan. 1, 2025 Average	Since Jan. 1, 2025 Departure	
Northwest	40.1	+6.1	772	-190	6030	-580	2.37	+0.71	2.68	-0.54	6.0
North Central	39.8	+6.5	781	-201	6099	-565	3.34	+1.41	3.84	-0.01	7.8
Northeast	40.7	+6.7	753	-209	5988	-544	2.94	+0.92	3.37	-1.02	3.0
West Central	42.2	+5.4	715	-162	5622	-495	2.47	+0.66	3.17	-0.38	8.3
Central	42.9	+6.5	694	-193	5585	-524	2.98	+2.98	3.60	-0.45	3.9
East Central	44.1	+7.0	656	-209	5450	-501	2.83	+0.62	3.82	-1.06	2.0
Southwest	44.9	+5.5	634	-164	5240	-403	1.43	-0.55	1.97	-1.94	3.3
South Central	45.6	+6.5	613	-194	5170	-450	2.07	-0.03	3.43	-1.00	1.3
Southeast	45.7	+6.5	609	-193	5141	-397	2.26	-0.07	3.56	-1.71	1.9
STATE	42.7	+6.3	689	-195	5584	-505	2.57	+0.58	3.30	-0.83	4.0

\* Departures are computed from 1991-2020 normals.

The weather data in this report are based upon information collected by the U. S. Dept. of Commerce, NOAA National Weather Service.

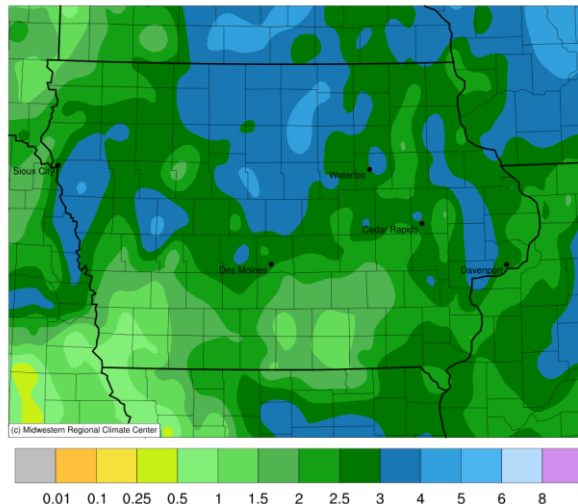
**Average Temperature (°F): Departure from 1991-2020 Normals**

March 01, 2025 to March 31, 2025



**Accumulated Precipitation (in)**

March 01, 2025 to March 31, 2025



**Accumulated Snowfall (in)**

March 01, 2025 to March 31, 2025

