



IOWA MONTHLY WEATHER SUMMARY – SEPTEMBER 2025

General Summary: Preliminary statewide temperatures averaged 67.1 degrees or 3.4 degrees above normal while precipitation totaled 1.70 inches or 1.78 inches below normal. Preliminarily, September 2025 ties 1906 as the 21st warmest in 153 years of statewide records; it also ranks as the 21st driest. September 2023 was warmer while last September was drier and the driest in record.

Temperatures: Statewide average temperatures in September were above average across all of Iowa with the warmest conditions found in pockets from central to northwest Iowa. Davenport (Scott County) reported the month's high temperature of 99 degrees on the 13th, 22 degrees above normal. Stanley (Buchanan County) reported the month's low temperature of 32 degrees on the 7th, which was 19 degrees below normal.

Cooling Degree Days: Home air conditioning requirements, as estimated by cooling degree day totals, averaged 4% more than last September and 55% more than normal. Cooling degree day totals since January are running 5% more than last year at this time and 15% more than normal.

Precipitation: Much of Iowa reported precipitation deficits through September with the driest conditions across eastern and northwest Iowa; these deficits were at or above two inches. Swaths of stations in western Iowa reported positive departures in the range of one to two inches. Monthly precipitation totals ranged from 0.22 inch in Davenport to 8.24 inches in Mondamin (Harrison County).

US Drought Monitor: Abnormal dryness (D0) was reintroduced across southern Iowa during the first week of September, reflective of a drier than normal August. There was some improvement across south-central Iowa in the middle of the month, however, D0 returned and expanded across northwestern Iowa. As of the first week of October, about 49% of Iowa is rated as Abnormally Dry (D0), with a small pocket of D1 (Moderate Drought) along the Iowa-Illinois border.

Note: Due to the ongoing Federal government shutdown, data should be treated as preliminary until full quality-control has been completed. This report will be updated at a future date.

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September 2025										
WEATHER BY DISTRICTS										
DISTRICT	TEMPERATURE (F)		COOLING DEGREE DAYS				PRECIPITATION (inches)			
	September 2025 Average Departure*		September 2025 Average Departure*		Since Jan., 1, 2025 Average Departure*		September 2025 Average Departure*		Since Jan.1, 2025 Average Departure*	
Northwest	66.0	+3.5	101	+92	814	+287	1.25	-1.90	26.66	+0.66
North Central	65.5	+3.3	90	+83	768	+302	2.32	-1.05	33.71	+3.91
Northeast	65.3	+3.2	87	+80	741	+294	1.74	-2.06	31.10	-0.49
West Central	66.7	+3.0	109	+89	923	+291	3.23	-0.02	30.95	+2.93
Central	67.4	+3.6	123	+101	952	+334	2.09	-1.37	33.07	+2.90
East Central	67.7	+3.6	135	+109	984	+346	0.97	-2.68	27.98	-2.77
Southwest	68.2	+3.2	136	+97	1028	+253	2.09	-1.36	23.97	-5.74
South Central	68.9	+3.9	154	+114	1083	+320	2.38	-1.31	28.15	-2.69
Southeast	69.1	+3.7	162	+116	1119	+331	1.57	-2.05	27.37	-3.66
STATE	67.1	+3.4	120	+99	926	+311	1.70	-1.78	29.20	-0.49

Departures are computed from 1991-2020 normals. Due to the federal government shutdown, observations are still preliminary. The weather data in this report are based upon information collected by the U. S. Dept. of Commerce, NOAA National Weather Service.

