



AG CLIMATE DASHBOARD



mrcc.purdue.edu/ag-climate-dashboard

ABOUT

The **Ag Climate Dashboard** is a comprehensive, free, web-based platform developed by the **Midwestern Regional Climate Center (MRCC)** at Purdue University, with support from the **United Soybean Board**. It integrates climate and agriculture data to support producers, advisers, and researchers across the Midwest. The dashboard offers real-time and historical weather data, interactive tools for crop management, and resources for understanding climate trends and risks relevant to agriculture.



KEY FEATURES

Recent Conditions – monitor current and recent conditions

View maps, charts, and summaries of temperature, precipitation, and notable events across the Midwest. Quickly access drought, rainfall, and extreme weather information.

Forecasts – plan ahead with short- and long-range forecasts

Access 7-day, monthly, and seasonal Climate Prediction Center Outlooks for temperature, precipitation, and drought to inform crop management and risk strategies.

Climatologies – understand the past to manage the future

Explore historical climate statistics relevant to agriculture, including extremes and normals, freeze/frost dates, heat and wind chill, and soil temperature climatologies.

Products & Tools – leverage decision-support tools for agriculture

Use interactive tools to track crop and pest development, calculate degree days, and forecast risks. These resources help you make informed, data-driven decisions.

State Resources – find local climate and ag information

Discover state-specific resources for climate and agriculture, including statewide weather networks, specialized tools, local guidance, and state climate office websites.



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Partnering with the National Centers for Environmental Information and Purdue University.