



Drought Information Statement for Northeast Kansas

Valid April 25, 2024

Issued By: NWS Topeka

Contact Information: nws.topeka@noaa.gov

- This product will be updated May 28, 2024 or sooner if drought conditions change significantly.
 - Please see all currently available products at <https://drought.gov/drought-information-statements>.
 - Please visit <https://www.weather.gov/top/DroughtInformationStatement> for previous statements.
 - Please visit <https://www.drought.gov/drought-status-updates/> for regional drought status updates.
-
- Severe drought returns to portions of north-central Kansas.



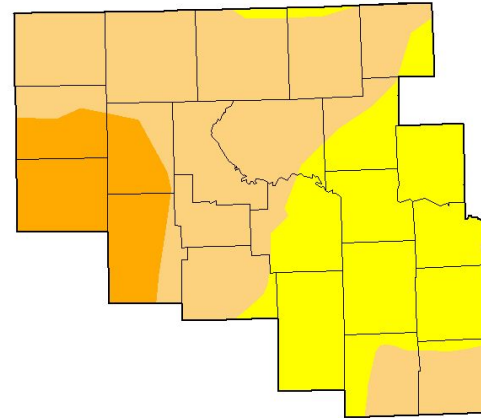


U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for Kansas

- Drought intensity and Extent
 - **D2 (Severe Drought)**: Cloud, Clay, Ottawa, and Dickinson Counties.
 - **D1 (Moderate Drought)**: Republic, Washington, Marshall, Nemaha, Brown, Riley, Pottawatomie, Jackson, Geary, Wabaunsee, Morris, Coffey, and Anderson Counties.
 - **D0: (Abnormally Dry)**: Jefferson, Shawnee, Douglas, Osage, Franklin, and Lyon Counties.

U.S. Drought Monitor Topeka, KS WFO



April 23, 2024
(Released Thursday, Apr. 25, 2024)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	64.76	14.07	0.00	0.00
Last Week 04-16-2024	0.00	100.00	73.97	0.00	0.00	0.00
3 Months Ago 01-23-2024	14.54	85.46	58.55	2.15	0.00	0.00
Start of Calendar Year 01-02-2024	9.71	90.29	73.01	24.15	0.00	0.00
Start of Water Year 09-26-2023	4.02	95.98	85.95	51.65	19.88	0.00
One Year Ago 04-25-2023	49.41	50.59	25.89	0.79	0.04	0.00

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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Western Regional Climate Center



droughtmonitor.unl.edu

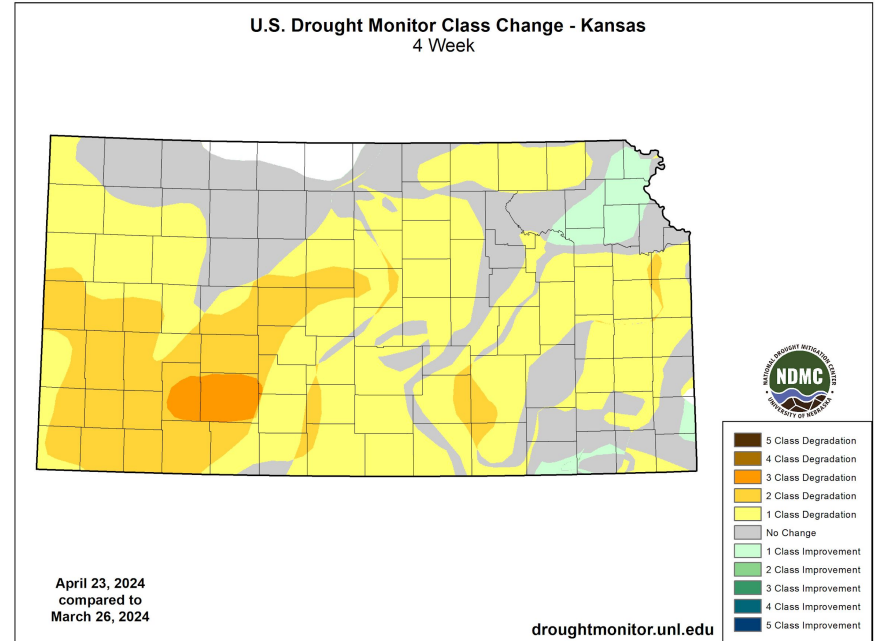




Recent Change in Drought Intensity

Link to the latest [4-week change map](#) for Kansas

- Four-Week Drought Monitor Class Change:
 - Minor degradations have been common in western, northern, and southern areas, with minor improvements in northeastern areas.

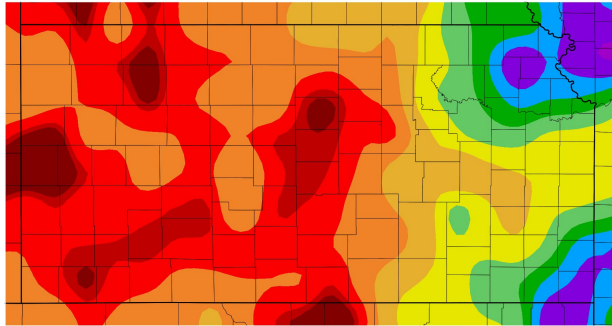




Precipitation

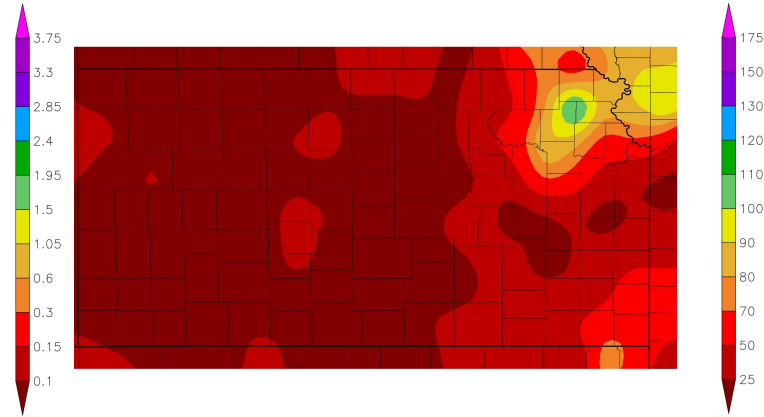
- Precipitation amounts over the past 30 days have ranged from around one-quarter of an inch in central Kansas to around three inches in portions of northeast Kansas.
- This is below normal for most of the area, though somewhat above normal in northeast Kansas.

Precipitation (in)
3/26/2024 - 4/24/2024



Generated 4/25/2024 at HPRCC using provisional data.

Percent of Normal Precipitation (%)
3/26/2024 - 4/24/2024



NOAA Regional Climate Centers dated 4/25/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers

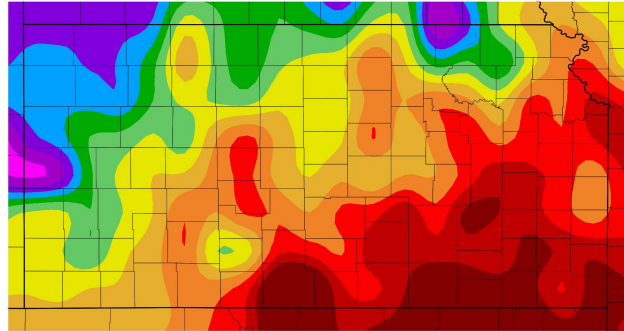




Temperature

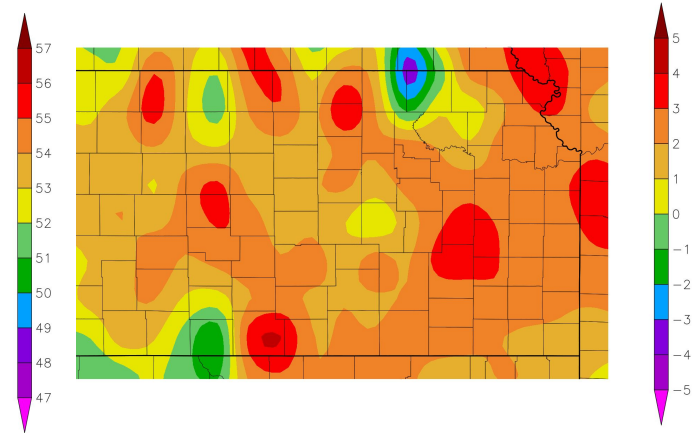
- Temperatures have ranged from a few degrees below normal in portions of north-central and northeast Kansas to a few degrees above normal in portions of east-central Kansas over the past 30 days.

Temperature (F)
3/26/2024 - 4/24/2024



Generated 4/25/2024 at HPRCC using provisional data.

Departure from Normal Temperature (F)
3/26/2024 - 4/24/2024



NOAA Regional Climate Centers ⁰²⁴ at HPRCC using provisional data.

NOAA Regional Climate Centers





Summary of Impacts

Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

Hydrologic Impacts

- River gages across the area indicate flows ranging from near normal in northeastern areas to much below normal in portions of north-central Kansas. The elevation of area reservoirs range from two feet above to five feet below conservation pool levels.

Soil Moisture Impacts

- The Climate Prediction Center reports soil moisture ranking from around the fifth percentile in north-central Kansas to around the 20th percentile for the remainder of the area. The Kansas Agricultural Statistics Service reports topsoil moisture as 27 percent very short and 38 percent short across the state.
- The Kansas Agricultural Statistics Service reports, for the entire state, the wheat condition as eight percent very poor and eighteen percent poor.

Agricultural Impacts

- The Kansas Agricultural Statistics Service reports, for the entire state, the wheat condition as five percent very poor and eight percent poor.

Mitigation Actions

- None reported.

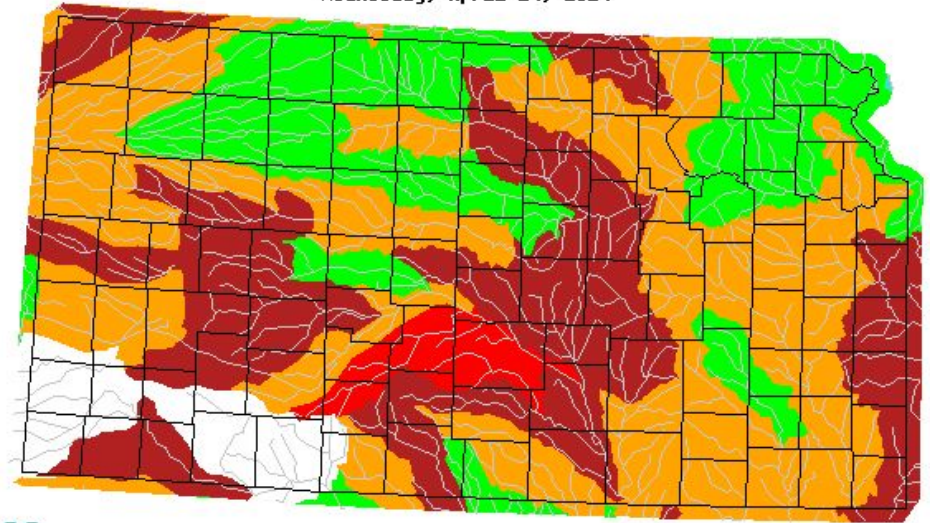




Hydrologic Conditions and Impacts

- River gages across the area indicate flows ranging from near normal in northeastern areas to much below normal in portions of north-central Kansas.
- The elevation of area reservoirs range from two feet above to five feet below conservation pool levels.

Wednesday, April 24, 2024



USGS

Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		

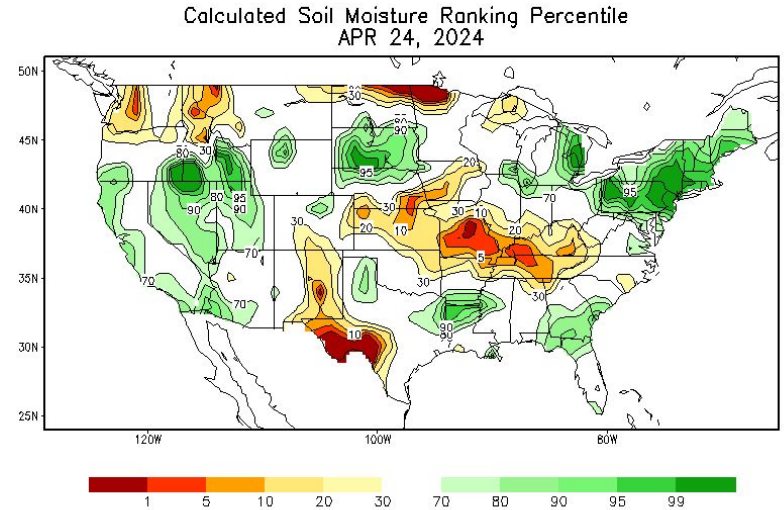
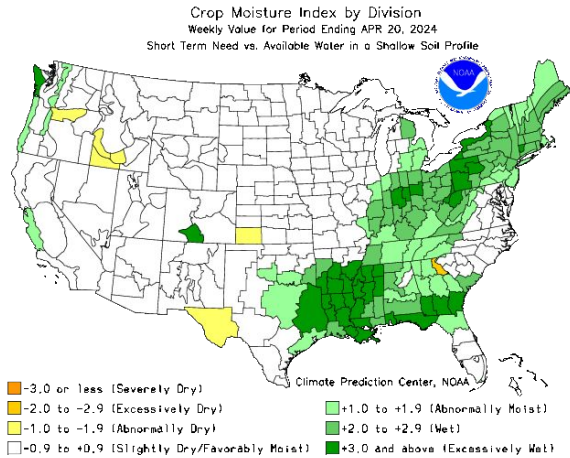
Image Caption: USGS 7-day average streamflow HUC map





Agricultural Impacts

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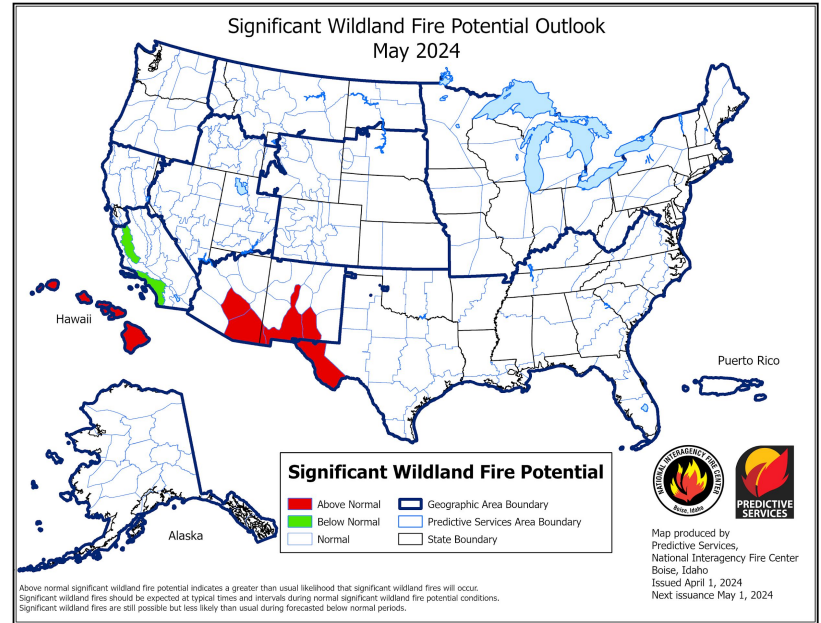
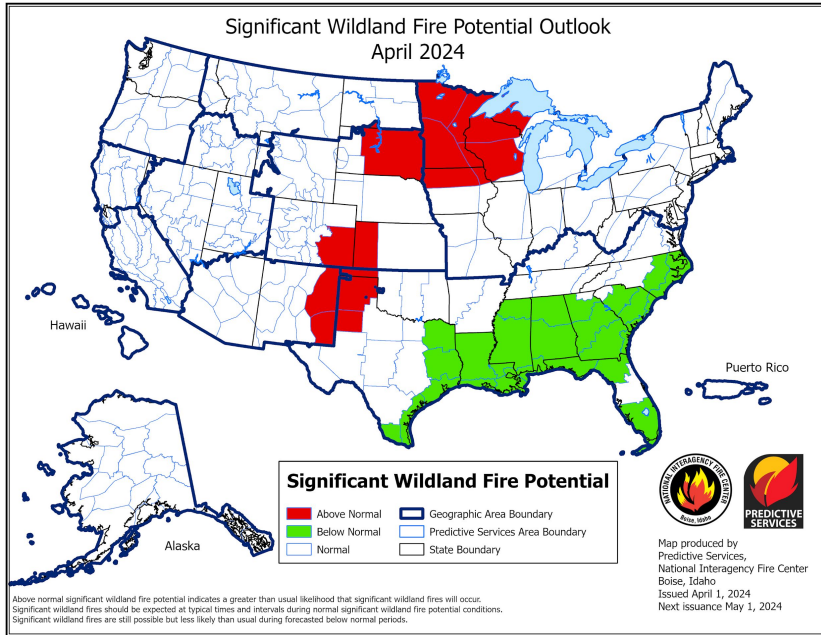




Fire Hazard Impacts

Link to [Wildfire Potential Outlooks from the National Interagency Fire Center](#).

- The wildland fire potential outlooks indicate near normal fire potential.





Seven Day Precipitation Forecast

- Precipitation through early May 2 is expected to range from around 1.5 inches to around three inches.
- Normal precipitation for this time of year (over a one week period) is around nine-tenths of an inch.

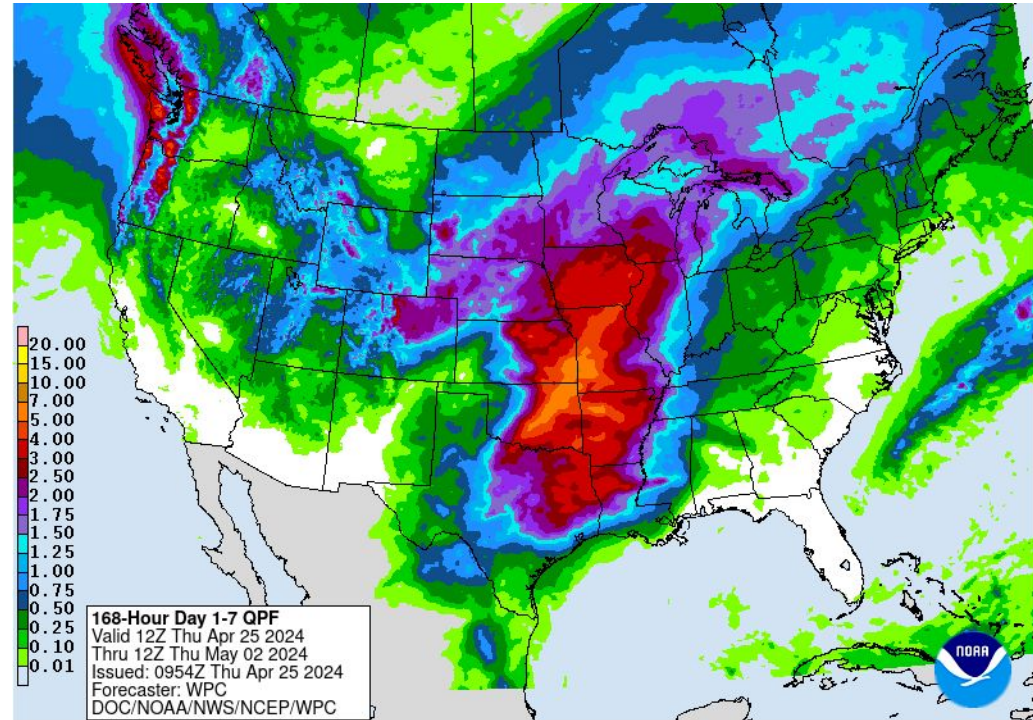


Image Caption: Weather Prediction Center [7-day precipitation forecast](#)





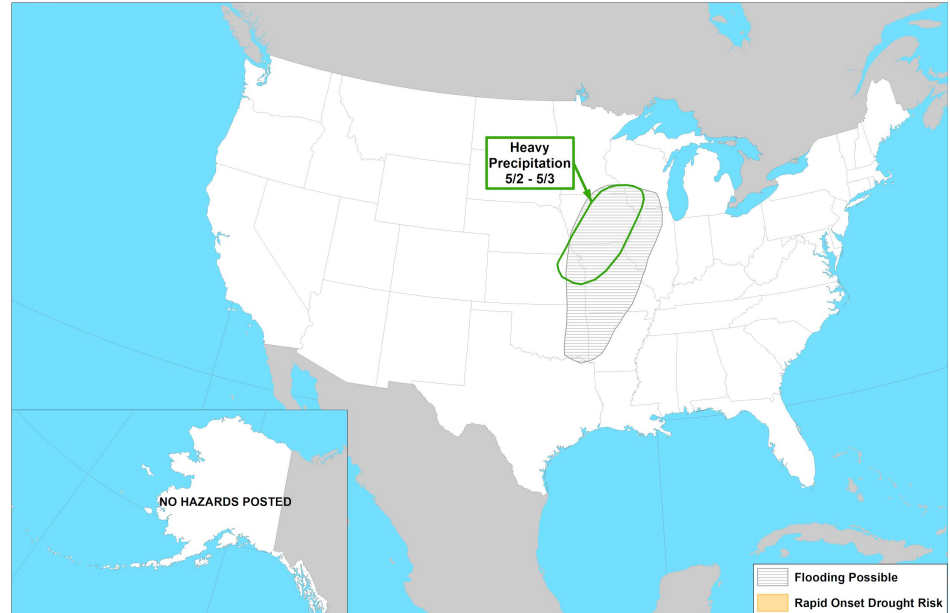
Rapid Onset Drought Outlook

Links to the latest Climate Prediction Center 8 to 14 day [Temperature Outlook](#) and [Precipitation Outlook](#).

- No rapid onset drought is expected through the first week of May.



Day 8-14 U.S. Hazards Outlook
Valid: 05/02/2024-05/08/2024



Climate Prediction Center
Made: 04/24/2024 3PM EDT

Follow us:
www.cpc.ncep.noaa.gov

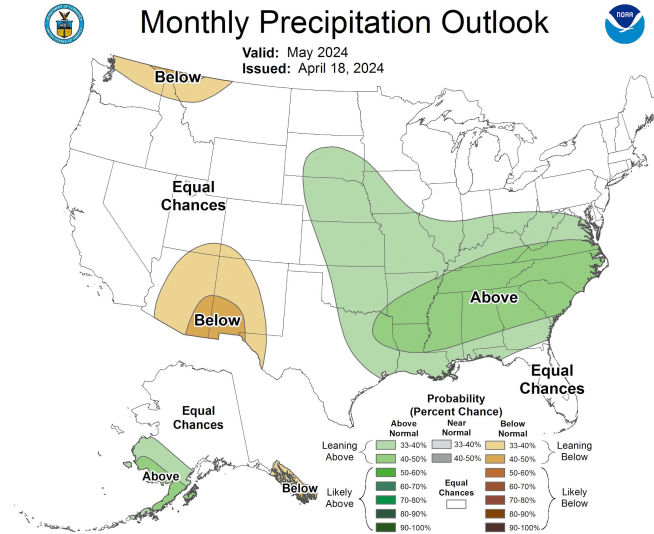
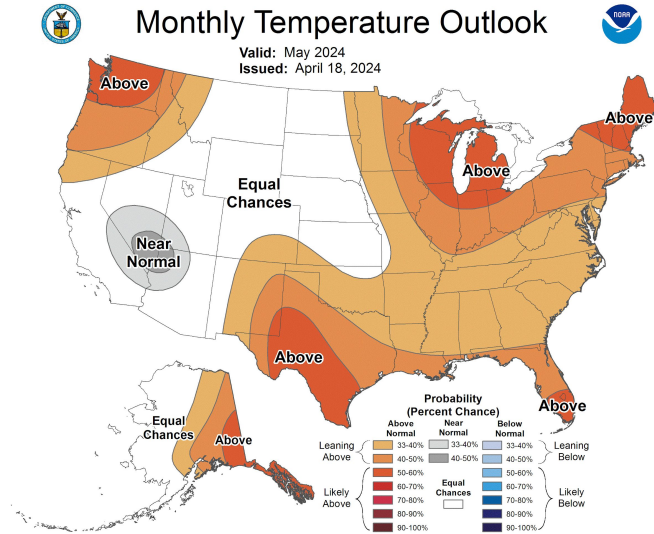




Long-Range Outlooks

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- There is an equal chance for temperatures to be below, near, or above normal in May.
- There is a slightly greater than equal chance for above normal precipitation in May.



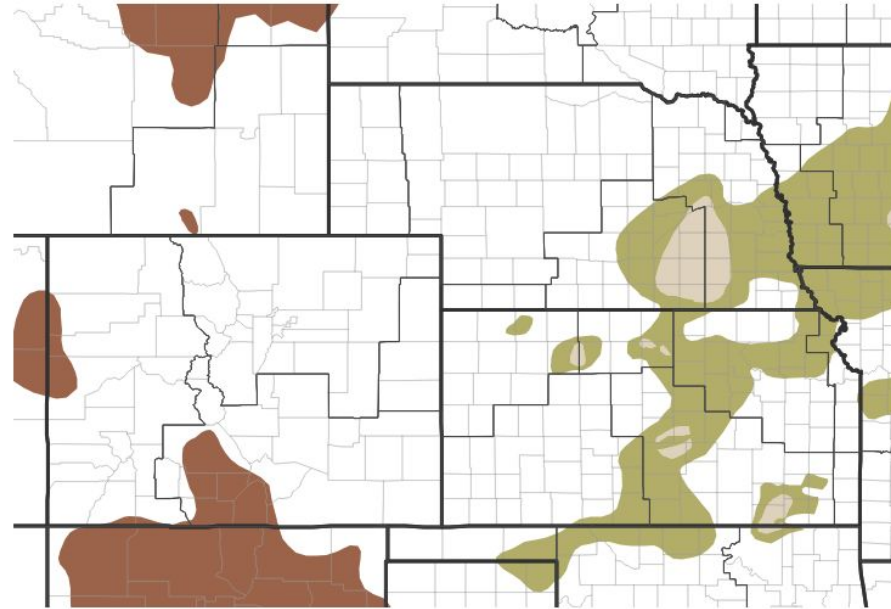


Drought Outlook

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- Drought conditions are predicted to end in May.

1-Month Drought Outlook



Drought Is Predicted To...



Source(s): Climate Prediction Center; image courtesy of Drought.gov

Data Valid: 04/18/24

