



Drought Information Statement for Kansas

Valid March 16, 2025

Issued By: WFO Wichita

Contact Information: w-ict.webmaster@noaa.gov

- This product will be updated as drought conditions warrant.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/ICT/DroughtInformationStatement> for previous statements.
- Please visit <https://www.drought.gov/drought-status-updates> for regional drought status updates.

- Drought is slowly starting to creep back into Kansas due to persistent dry conditions.





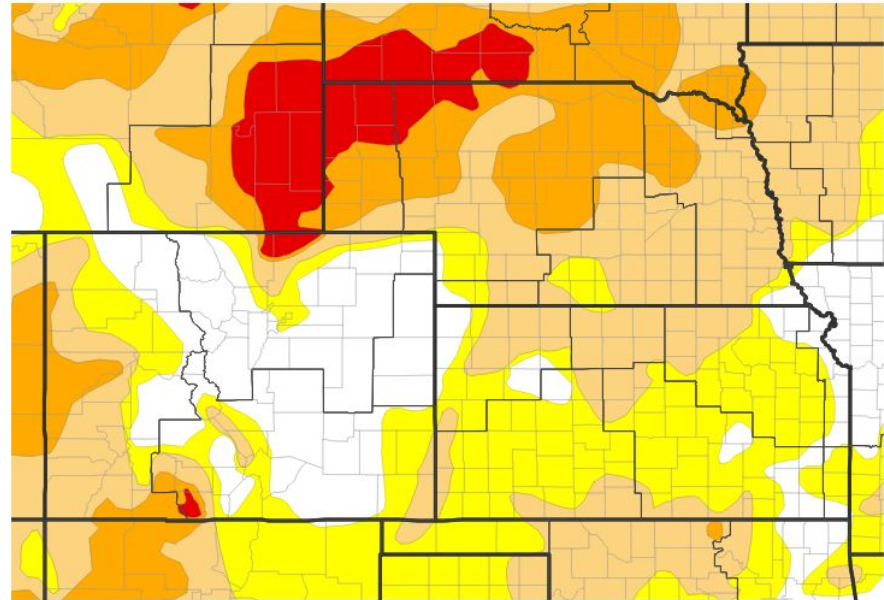
Drought Monitor (as of March 11th)

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

Drought intensity and Extent

- **D4 (Exceptional Drought):** None
- **D3 (Extreme Drought):** None
- **D2 (Severe Drought):** None
- **D1 (Moderate Drought):** Portions of northern, central, far western, and far southern Kansas
- **D0: (Abnormally Dry):** Much of Kansas with the exception of small portions of western and eastern Kansas

U.S. Drought Monitor



U.S. Drought Monitor



Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov

Data Valid: 03/11/25



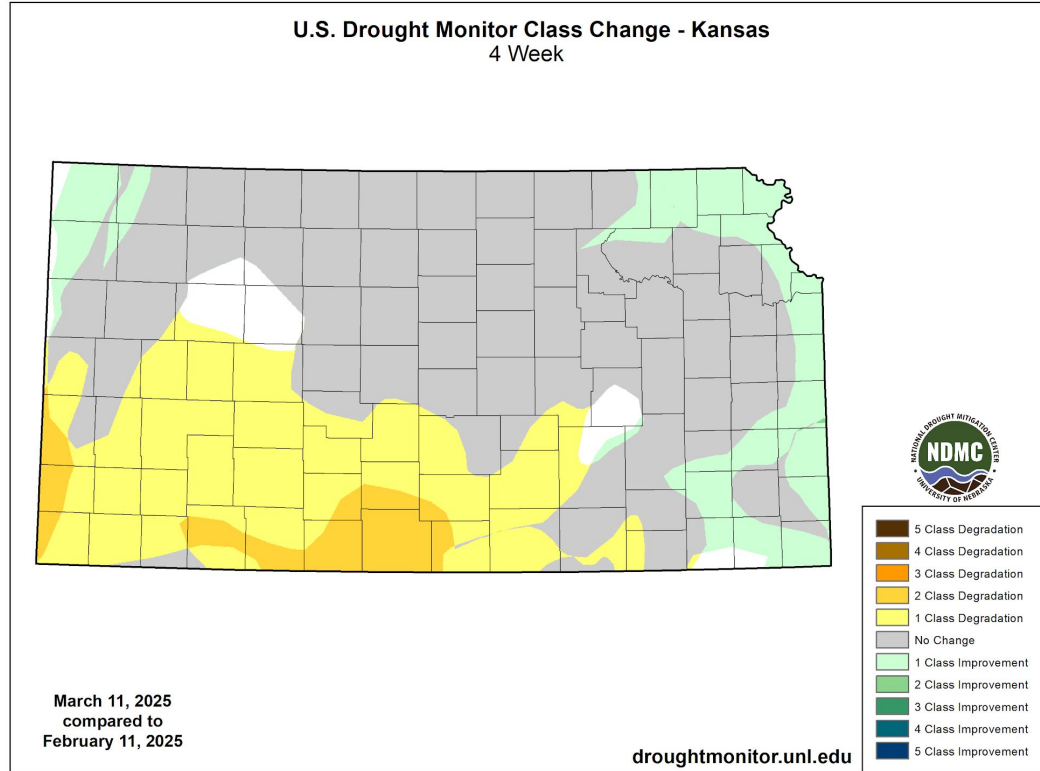


4-Week Drought Change

[Link to Drought Monitor Change Maps](#)

Four Week Drought Monitor Class Change

- **Drought Worsened:** 1-2 categories for portions of southwest and south-central KS
- **Drought Improved:** 1 category for small portions of far northwest and eastern KS



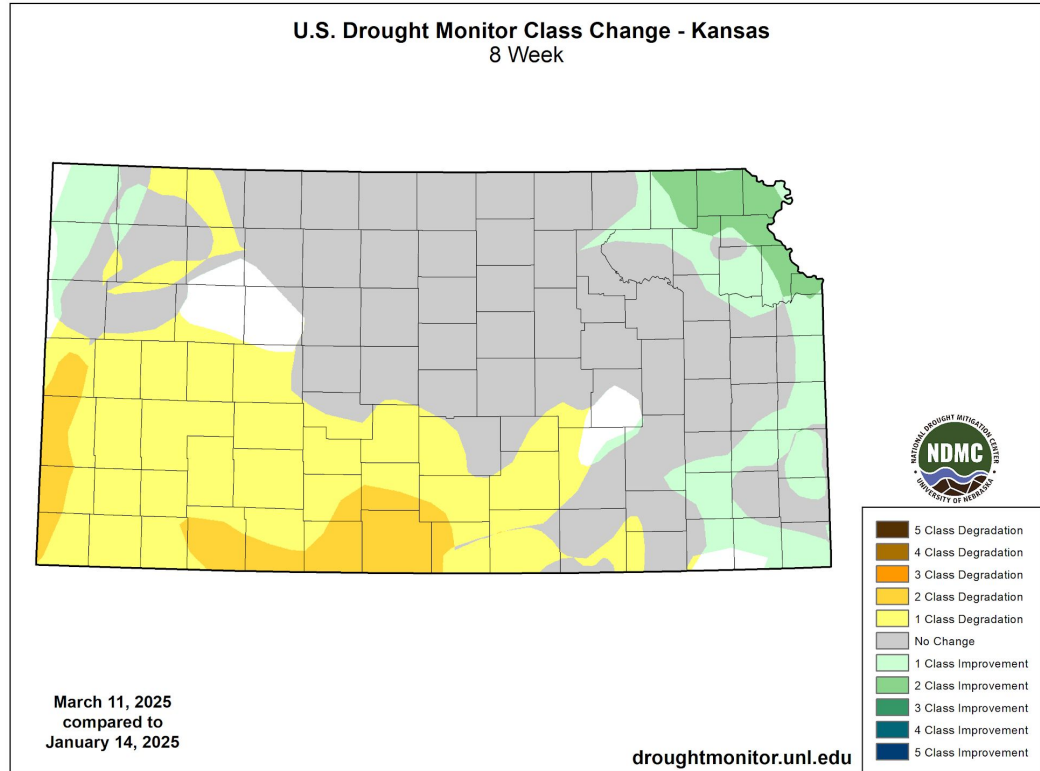


8-Week Drought Change

[Link to Drought Monitor Change Maps](#)

Eight Week Drought Monitor Class Change

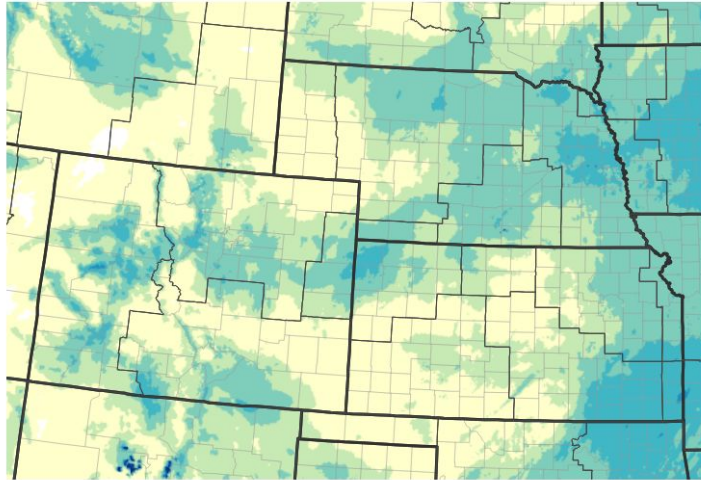
- **Drought Worsened:** 1-2 categories for much of southwest to south-central KS
- **Drought Improved:** 1-2 categories for small portions of far northwest and eastern KS



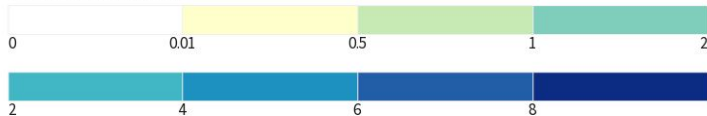


Precipitation Past 30 Days

30-Day Precipitation Accumulations (Inches)

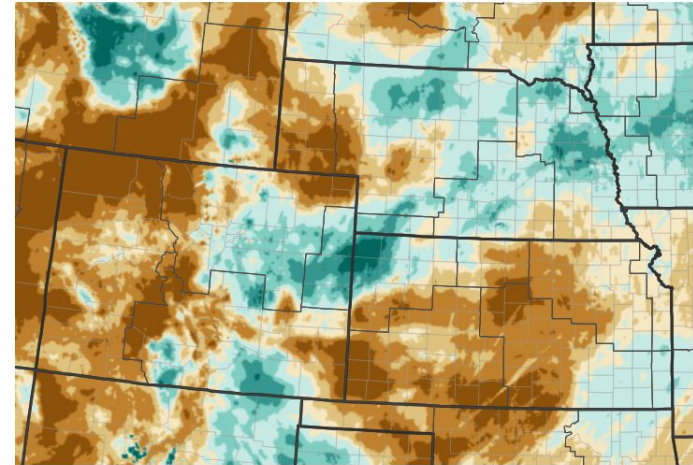


Inches of Precipitation

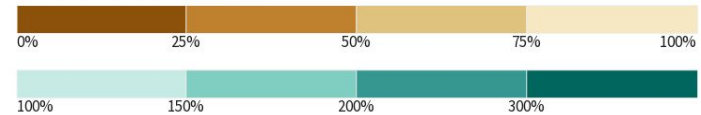


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 03/16/25

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 03/16/25

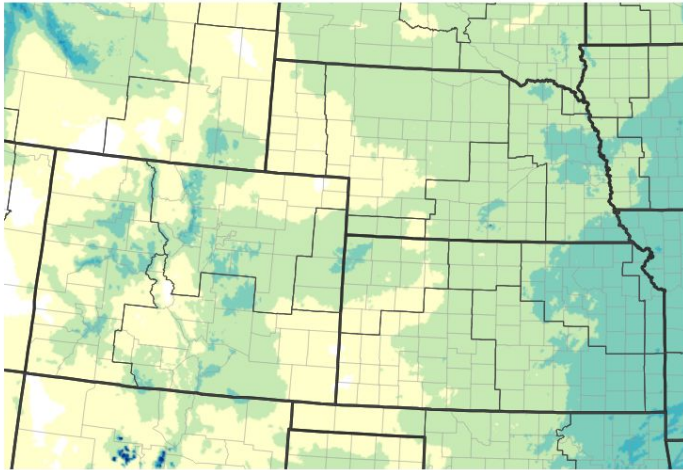
- Large portions of KS have experienced below average precipitation the past 30 days, with above average precipitation over southeast KS and especially far northwest KS.



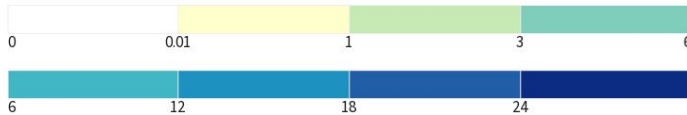


Precipitation Past 90 Days

90-Day Precipitation Accumulations (Inches)

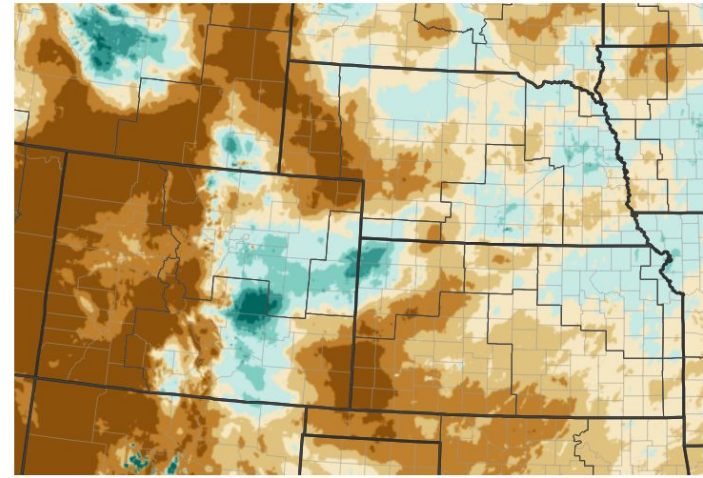


Inches of Precipitation

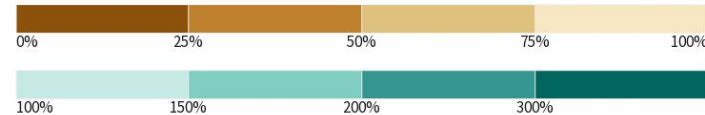


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 03/16/25

90-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 03/16/25

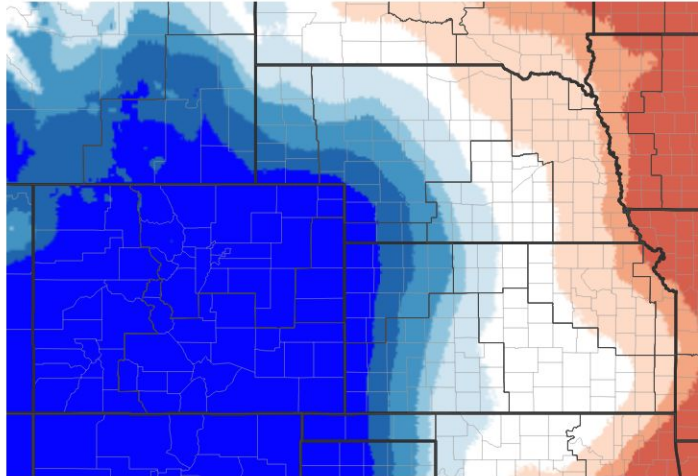
- Precipitation the past 90 days has been below average over much of south-central, central and western KS, with above average precipitation over northeast KS and especially far northwest KS.



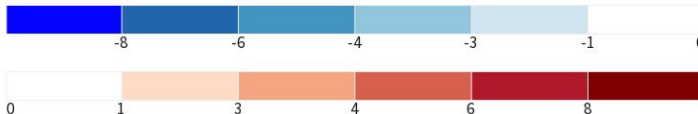


Temperature Anomalies Past 7 to 30 Days

7-Day Temperature Anomaly

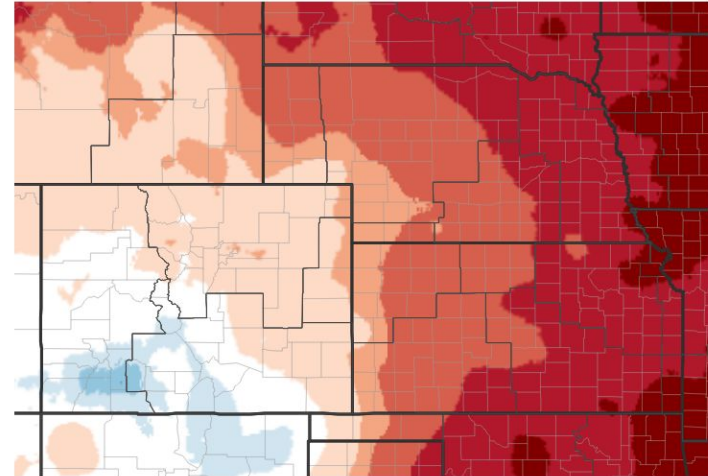


Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov Data Valid: 11/10/24

30-Day Temperature Anomaly



Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov Data Valid: 11/10/24

- The past 7 days, cooler than average temperatures were noted over western Kansas, with above average temperatures over eastern Kansas. The past 30 days, well above average temperatures were noted statewide.





Summary of Drought Impacts

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

Hydrologic Impacts

- The city of Wichita and surrounding communities have enacted stage 2 water restrictions. Stage 3 water restrictions will be discussed if Cheney's water level reaches 50% full or lower.

Agricultural Impacts

- [Latest Kansas agricultural and crop conditions per the USDA.](#)

Fire Hazard Impacts

- There are no known impacts at this time.

Other Impacts

- There are no known impacts at this time.

Mitigation Actions

- Please refer to your municipality and/or water provider for mitigation information.



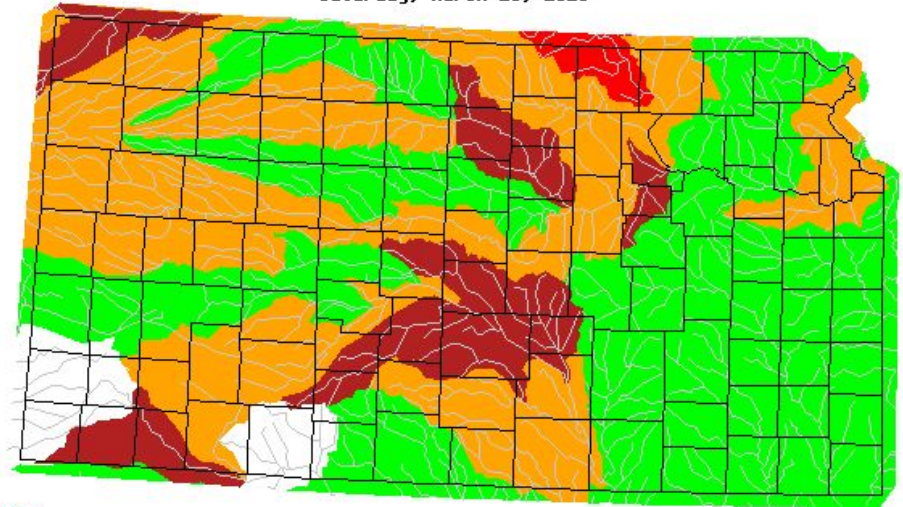


Hydrologic Conditions and Impacts

[Link to USGS WaterWatch Page](#)

- Most streamflows the past 7 days have been near to below average, with some streamflows well below average.

Saturday, March 15, 2025



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 valid 3/15/2025

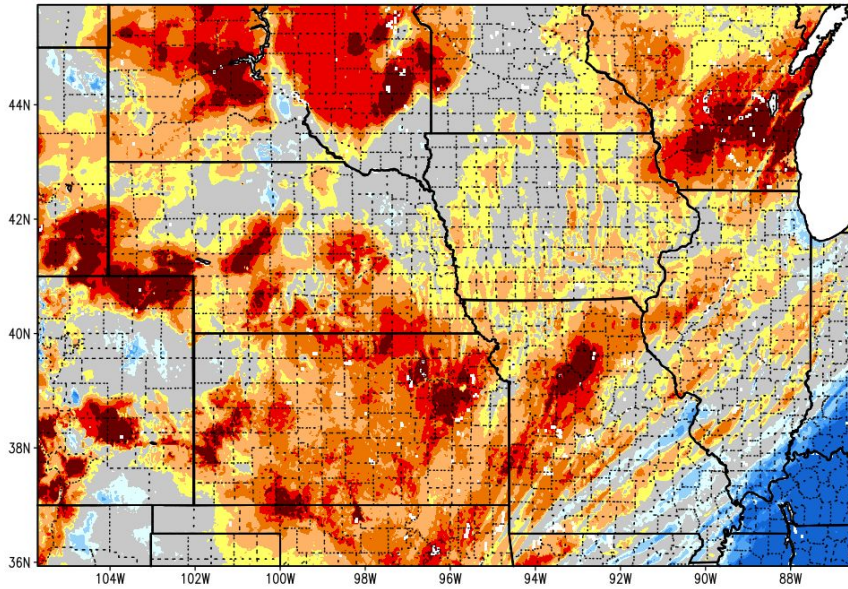




Agricultural Impacts

[Link to CPC Soil Moisture Page](#)

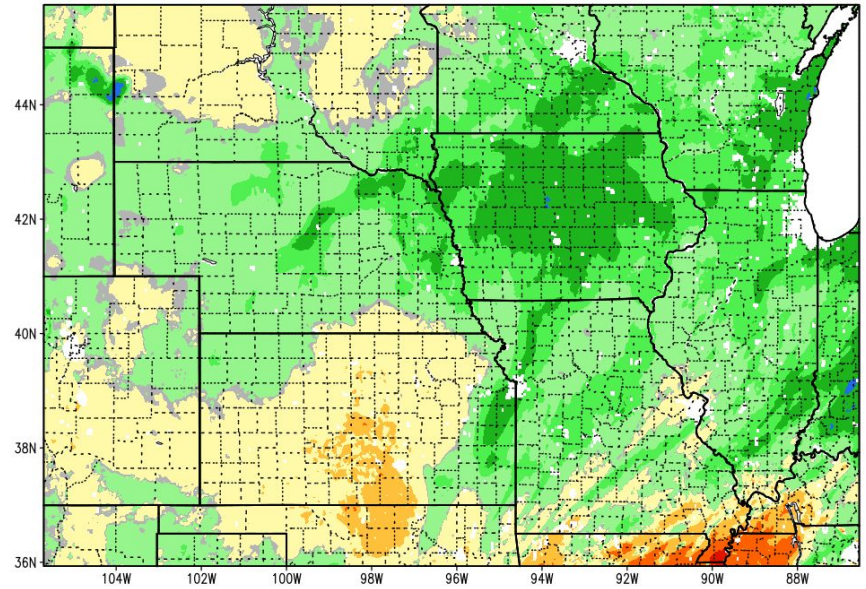
SPoRT-LIS 0-10 cm Soil Moisture percentile valid 16 Mar 2025



NOTE
Experimental

2 5 10 20 30 70 80 90 95 98

1-Month Difference in Column Relative Soil Moisture (%) valid 12z 16 Mar 2025



NOTE
Experimental

32 28 24 20 16 12 8 4 2 0.1 0.1 2 4 8 12 16 20 24 28 32

- Soil moisture down to 10 cm is below average across much of KS, although there have been some increases in soil moisture the past month over eastern and northwest KS.

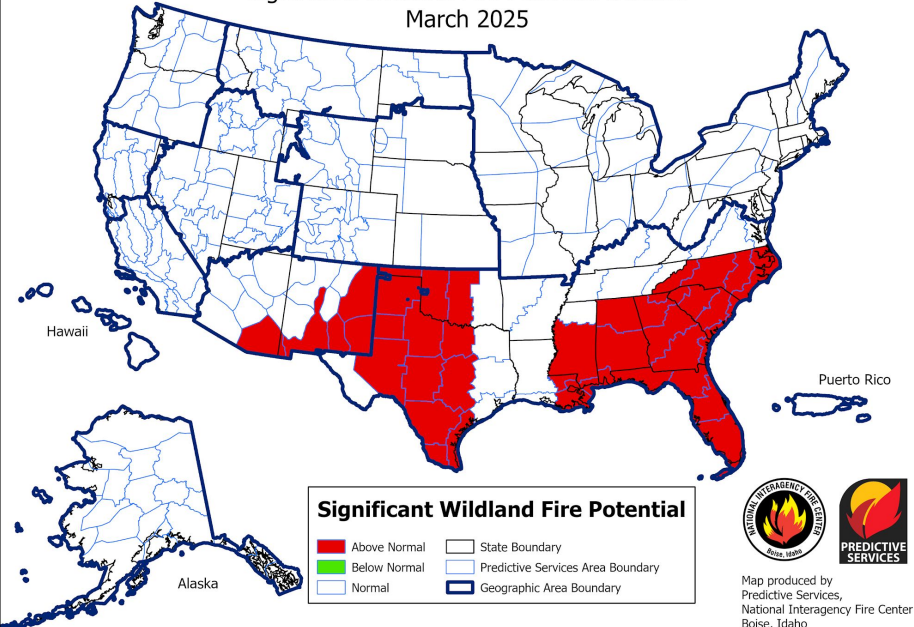




Fire Hazard Impacts through April

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

Significant Wildland Fire Potential Outlook March 2025

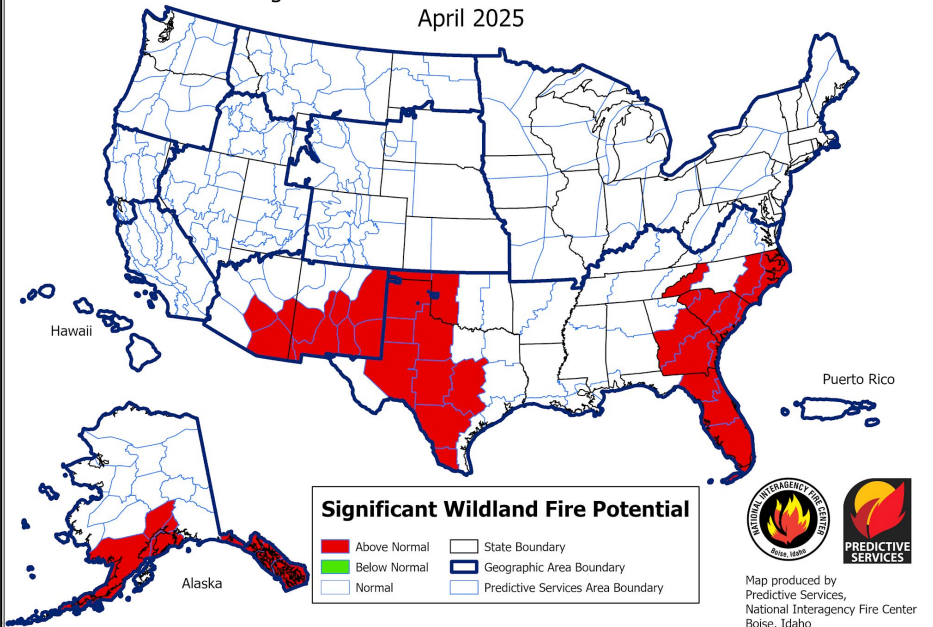


Above normal significant wildland fire potential indicates a greater than usual likelihood that significant wildland fires will occur. Significant wildland fires should be expected at typical times and intervals during normal significant wildland fire potential conditions. Significant wildland fires are still possible but less likely than usual during forecasted below normal periods.



Map produced by Predictive Services, National Interagency Fire Center Boise, Idaho
Issued March 3, 2025
Next issuance April 1, 2025

Significant Wildland Fire Potential Outlook April 2025



Above normal significant wildland fire potential indicates a greater than usual likelihood that significant wildland fires will occur. Significant wildland fires should be expected at typical times and intervals during normal significant wildland fire potential conditions. Significant wildland fires are still possible but less likely than usual during forecasted below normal periods.



Map produced by Predictive Services, National Interagency Fire Center Boise, Idaho
Issued March 3, 2025
Next issuance April 1, 2025

- The risk for significant wildland fire potential across Kansas is average through April.

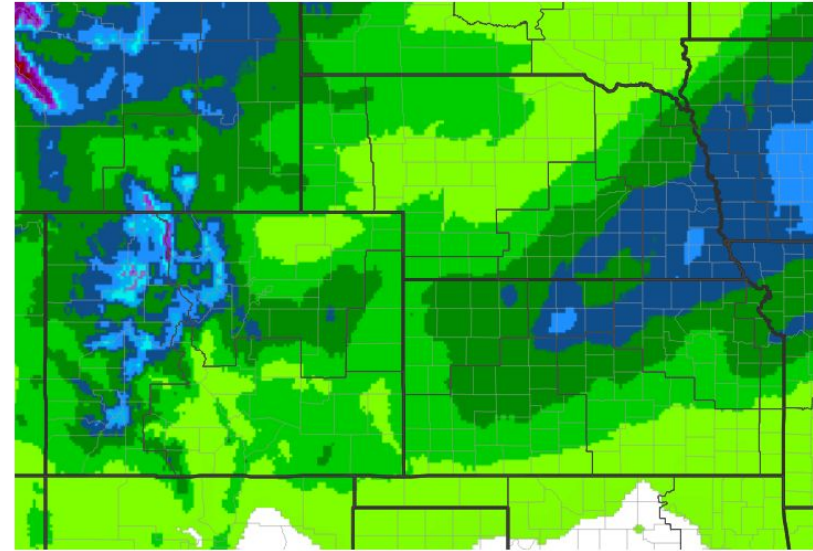


Seven Day Precipitation Forecast

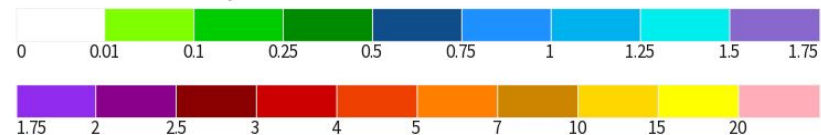
[Link to Weather Prediction Center \(WPC\) Page](#)

- Meaningful precipitation is forecast across mainly the northern half of KS through March 23rd.

7-Day Quantitative Precipitation Forecast for March 16, 2025–March 23, 2025



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 03/16/25





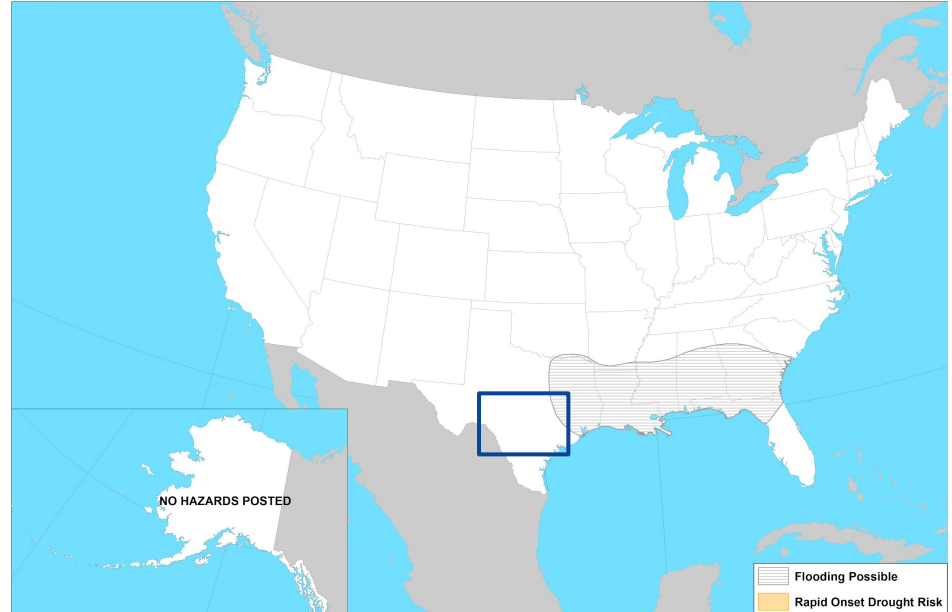
Rapid Onset Drought Outlook

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

- Summarize conditions and impacts here



Day 8-14 U.S. Hazards Outlook
Valid: 05/18/2024-05/24/2024



Climate Prediction Center
Made: 05/10/2024 3PM EDT

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www.cpc.ncep.noaa.gov

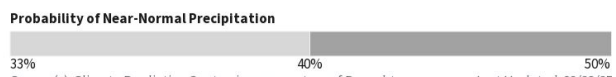
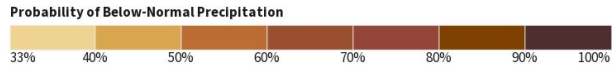
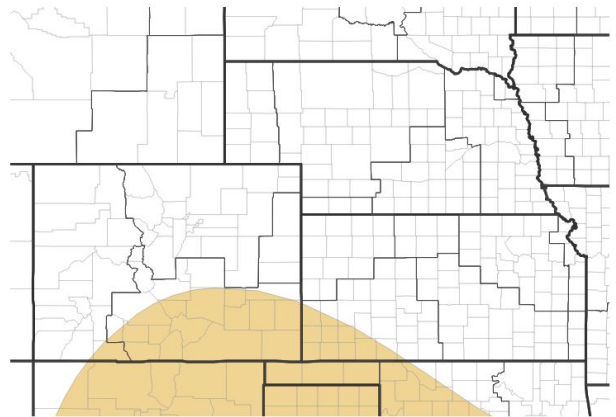




Precipitation and Temperature Outlook through March

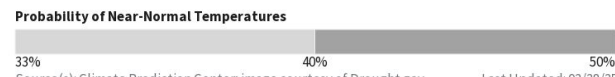
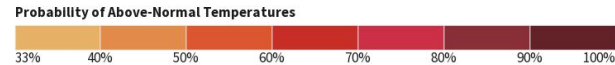
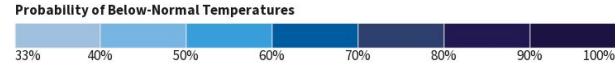
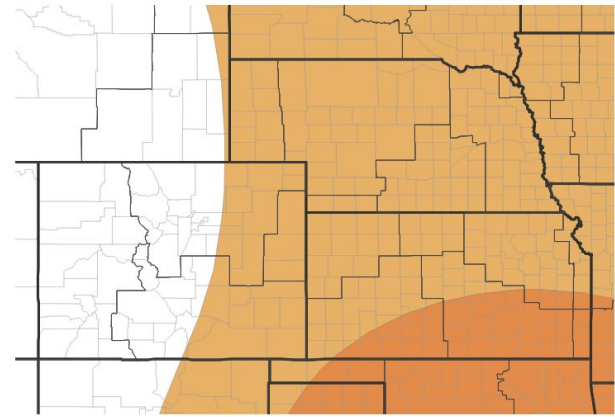
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

Monthly Precipitation Outlook for March 1, 2025–March 31, 2025



Source: Climate Prediction Center, image courtesy of Drought.gov. Last Updated: 03/19/25

Monthly Temperature Outlook for March 1, 2025–March 31, 2025



Source: Climate Prediction Center, image courtesy of Drought.gov. Last Updated: 03/19/25

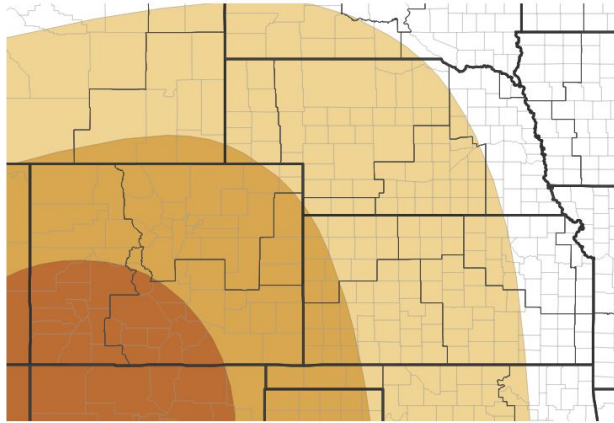
- There is a slight signal for below average precipitation across southwest KS in March. There is a slight to modest signal for above average temperatures across KS in March.



Precipitation and Temperature Outlook through May

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

Seasonal (3-Month) Precipitation Outlook for March 1, 2025–May 31, 2025



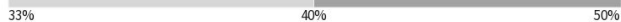
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation

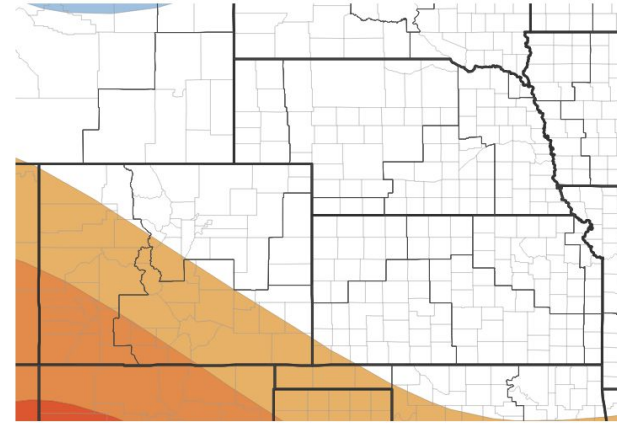


Probability of Near-Normal Precipitation



Source(s): Climate Prediction Center, image courtesy of Drought.gov. Last Updated: 03/20/25

Seasonal (3-Month) Temperature Outlook for March 1, 2025–May 31, 2025



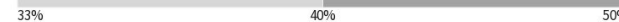
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Probability of Near-Normal Temperatures



Source(s): Climate Prediction Center, image courtesy of Drought.gov. Last Updated: 03/20/25

- There is a slight to modest signal for below average precipitation across KS March through May, especially western KS. There is a slight signal for above average temperatures over far southwest KS March through May.



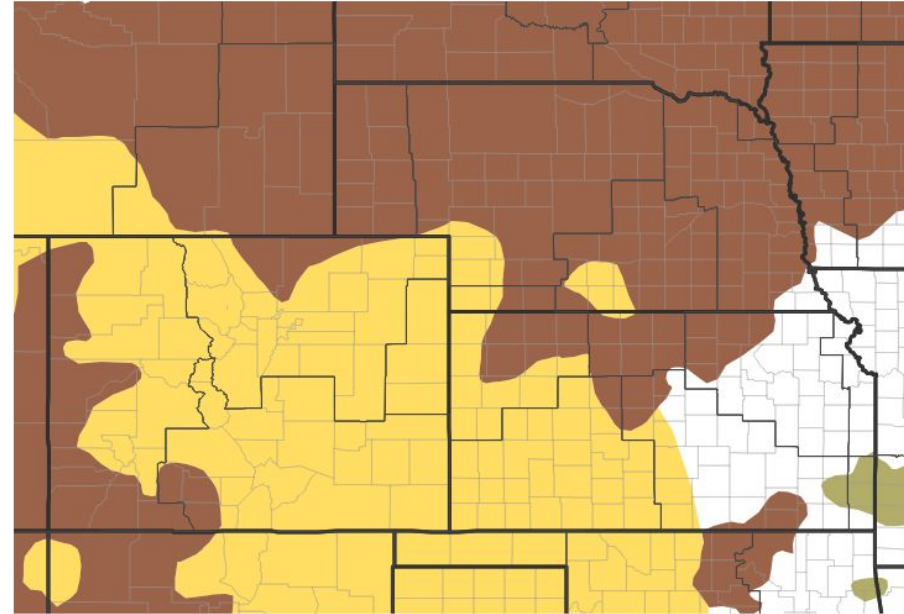


Drought Outlook Through May

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

- Through May, areas of drought persistence and development are forecast across mainly the western two-thirds of KS.

Seasonal (3-Month) Drought Outlook for February 28, 2025–May 31, 2025



Drought Is Predicted To...



Source: Climate Prediction Center image courtesy of Drought.gov. Last Updated: 02/28/25

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

