



Drought Information Statement for Kansas

Valid November 14, 2024

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.

- Widespread heavy rainfall amounts since early November have drastically improved drought conditions across the Kansas region.





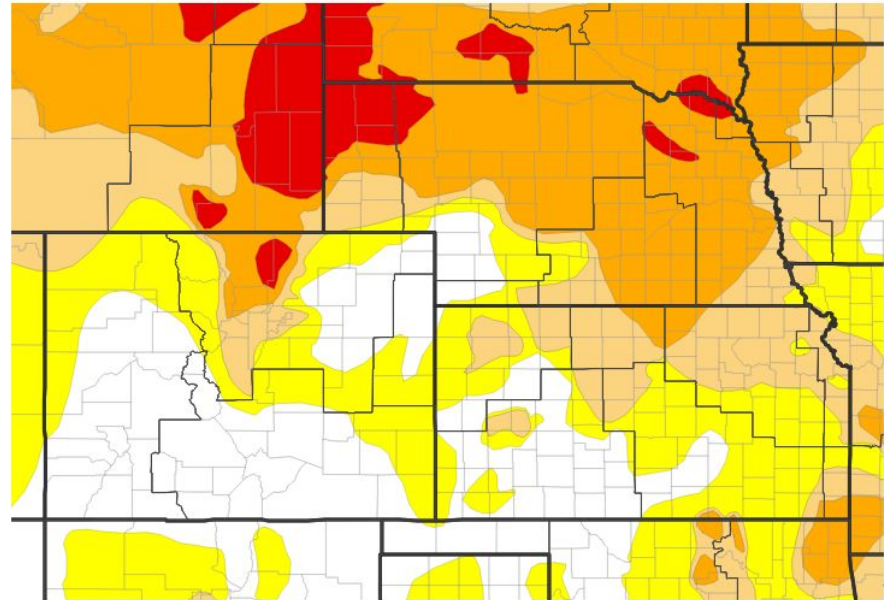
Drought Monitor (as of November 12th)

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

Drought intensity and Extent

- **D4 (Exceptional Drought):** None
- **D3 (Extreme Drought):** None
- **D2 (Severe Drought):** Small pockets of north-central and southeast Kansas
- **D1 (Moderate Drought):** Large portions of northern Kansas, and small pockets of western and southeast Kansas
- **D0: (Abnormally Dry):** Much of Kansas with the exception of the southwest quarter

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 11/12/24



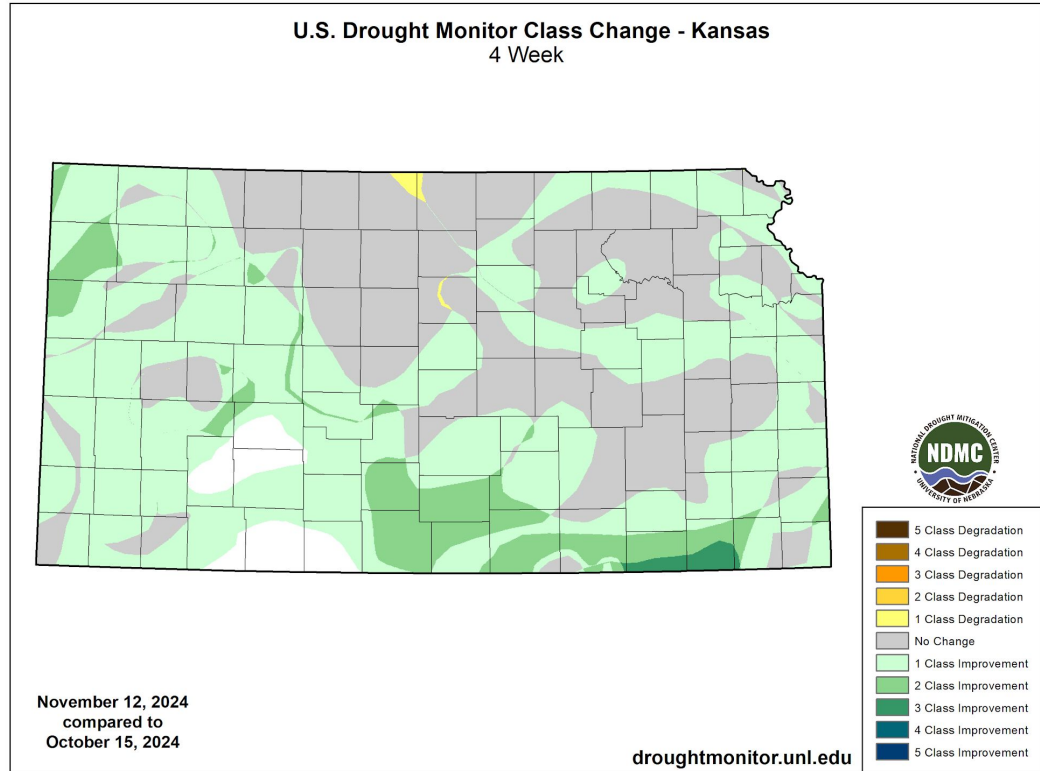


4-Week Drought Change

[Link to Drought Monitor Change Maps](#)

Four Week Drought Monitor Class Change

- **Drought Worsened:** One category for a small portion of north-central Kansas
- **Drought Improved:** 1-3 categories for large portions of western, central, southern, and eastern Kansas



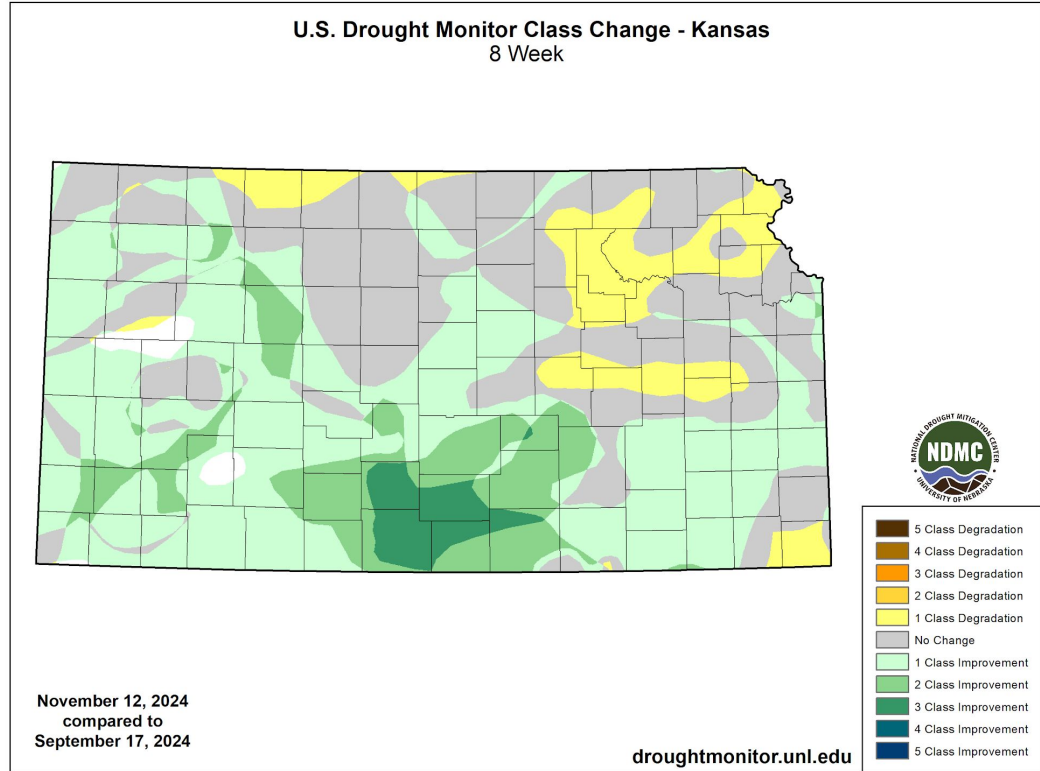


8-Week Drought Change

[Link to Drought Monitor Change Maps](#)

Eight Week Drought Monitor Class Change

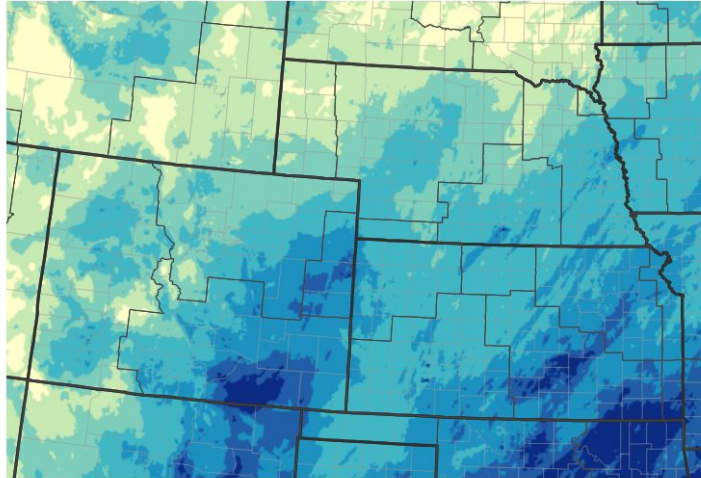
- **Drought Worsened:** One category for pockets of northern, northeast, and southeast Kansas
- **Drought Improved:** 1-3 categories for large portions of western, central, and southern Kansas



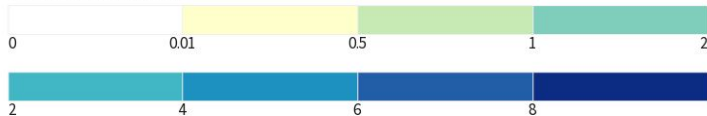


Precipitation Past 30 Days

30-Day Precipitation Accumulations (Inches)

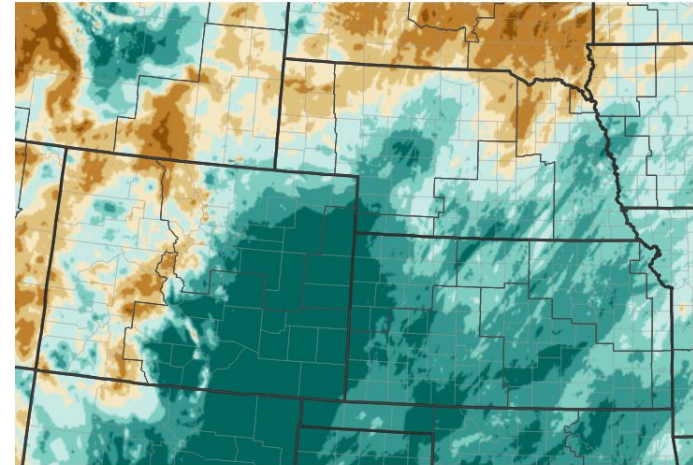


Inches of Precipitation

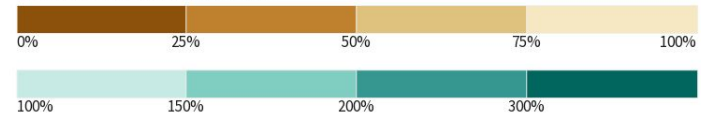


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 11/14/24

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: 11/14/24

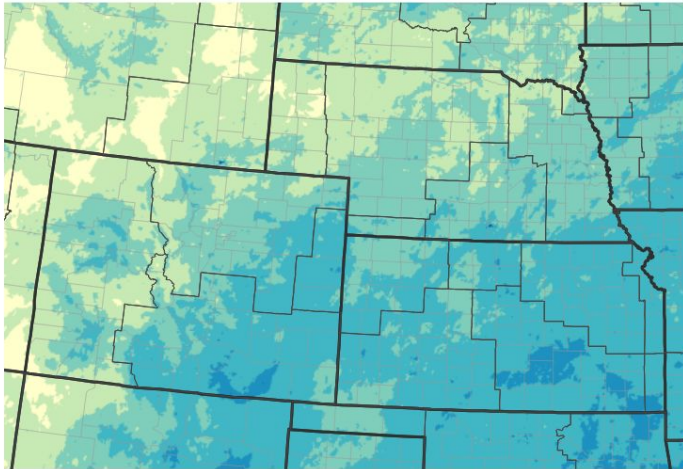
- All of Kansas has experienced above average precipitation the past 30 days, with some areas seeing at least 300 percent of normal.



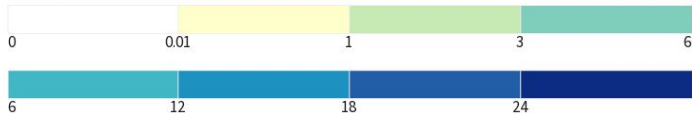


Precipitation Past 90 Days

90-Day Precipitation Accumulations (Inches)

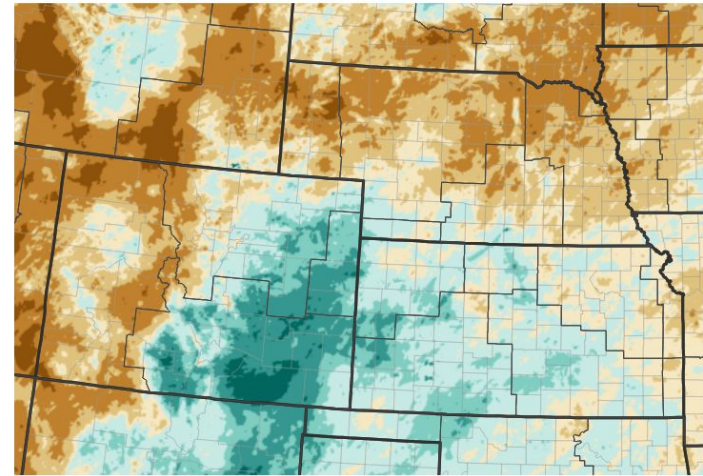


Inches of Precipitation

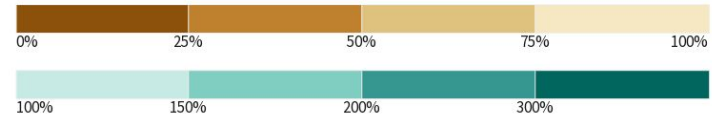


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 11/14/24

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: 11/14/24

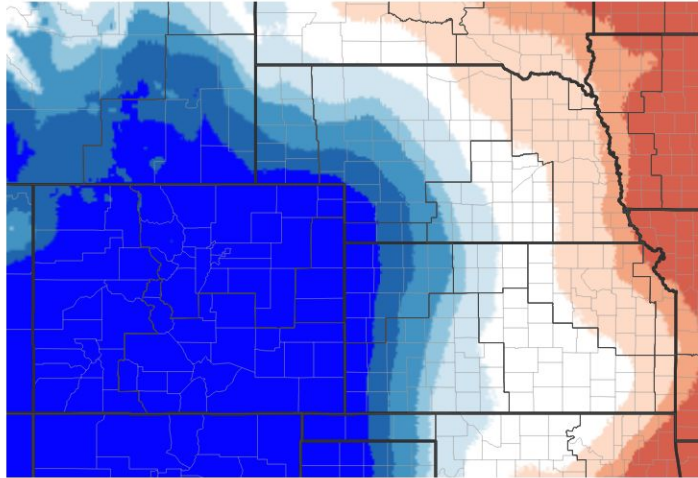
- Mostly near to above average precipitation was noted across Kansas the past 90 days, although small pockets of below average precipitation were noted over northern and eastern Kansas.



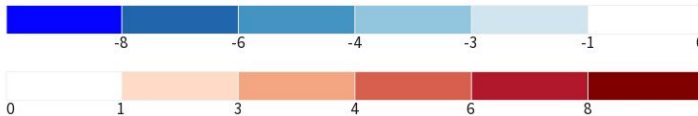


Temperature Anomalies Past 7 to 30 Days

7-Day Temperature Anomaly

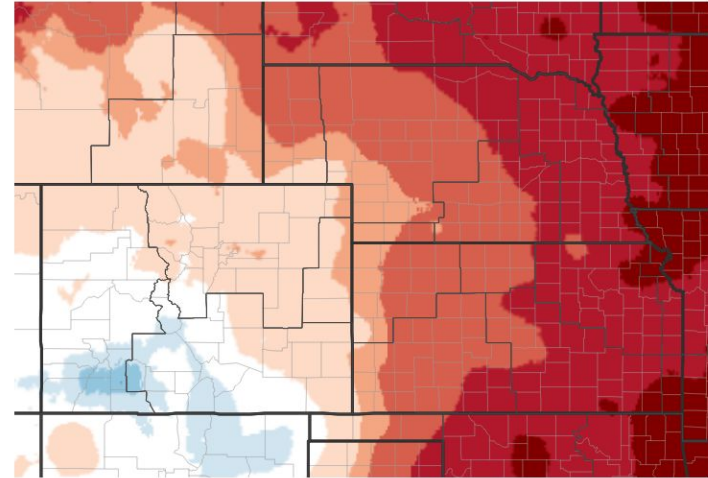


Departure from Normal Max Temperature (°F)



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.



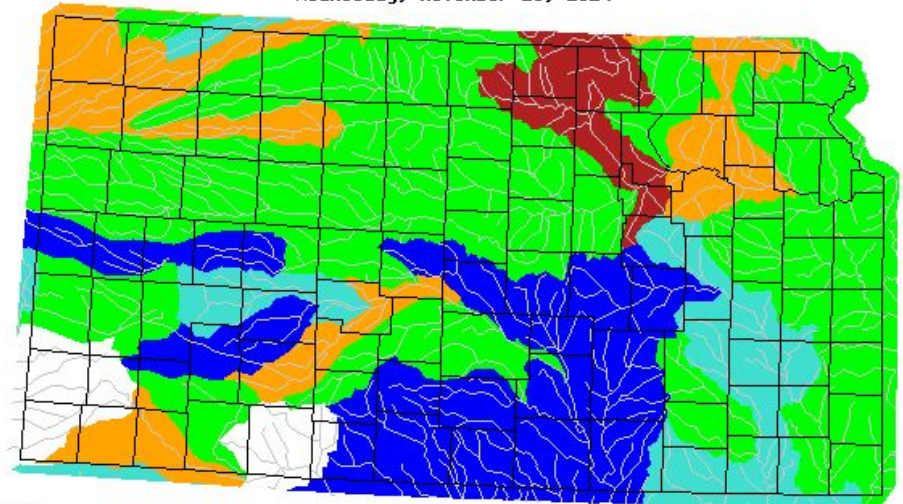


Hydrologic Conditions and Impacts

[Link to USGS WaterWatch Page](#)

- Most streamflows the past 7 days have been near to above average, although portions of western and northern Kansas saw below average streamflows.

Wednesday, November 13, 2024



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 11/10/2024

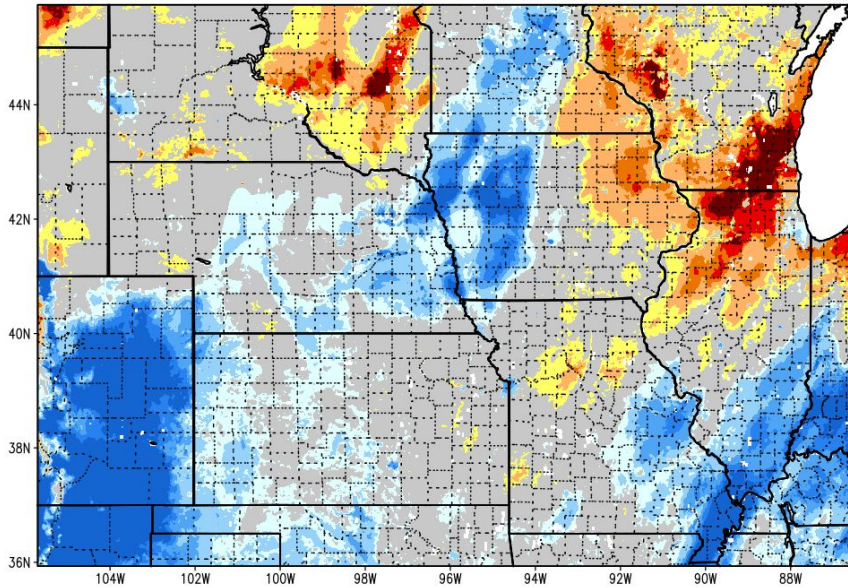




Agricultural Impacts

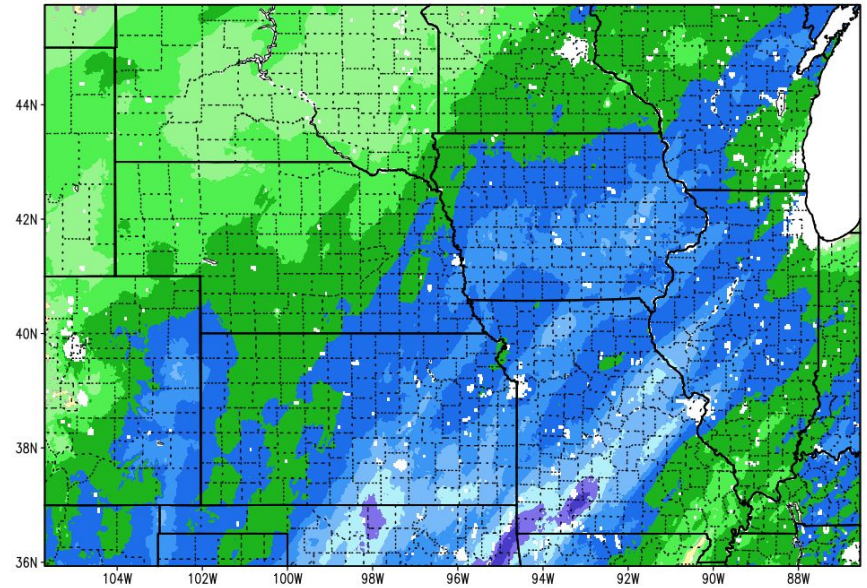
[Link to CPC Soil Moisture Page](#)

SPoRT-LIS 0-10 cm Soil Moisture percentile valid 14 Nov 2024



NOTE
Experimental
2 5 10 20 30 70 80 90 95 98

1-Month Difference in Column Relative Soil Moisture (%) valid 12z 14 Nov 2024



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

- Near to above average soil moisture was noted across Kansas, highest over generally the western half of Kansas. Soil moisture has dramatically increased across the state the past month.





Fire Hazard Impacts through December

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

Significant Wildland Fire Potential Outlook November 2024



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.

Significant Wildland Fire Potential Outlook December 2024



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.

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

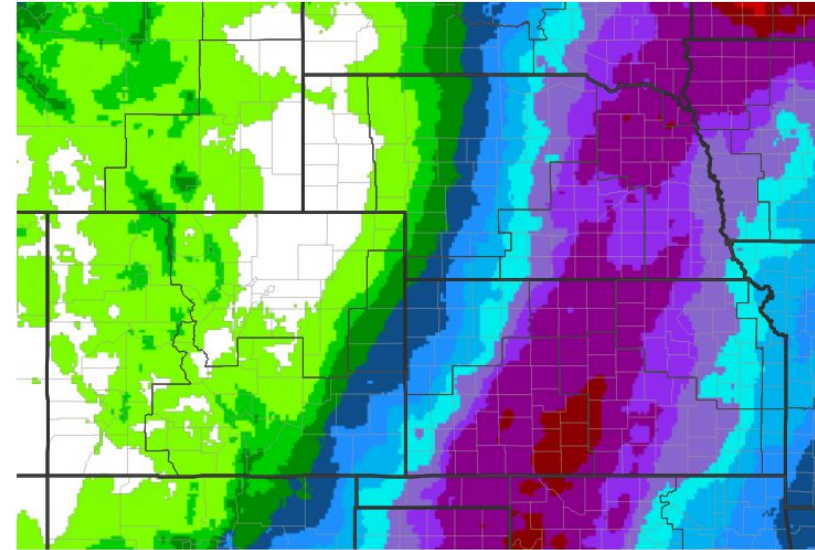


Seven Day Precipitation Forecast

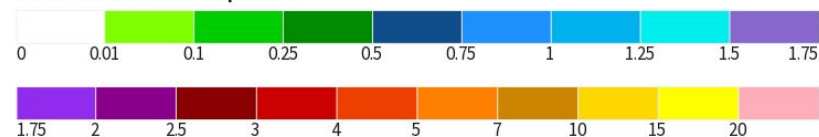
[Link to Weather Prediction Center \(WPC\) Page](#)

- Additional widespread heavy rainfall is forecast across much of Kansas through November 21st, with widespread amounts exceeding 1-2 inches likely.

7-Day Quantitative Precipitation Forecast for November 14, 2024–November 21, 2024



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 11/14/24





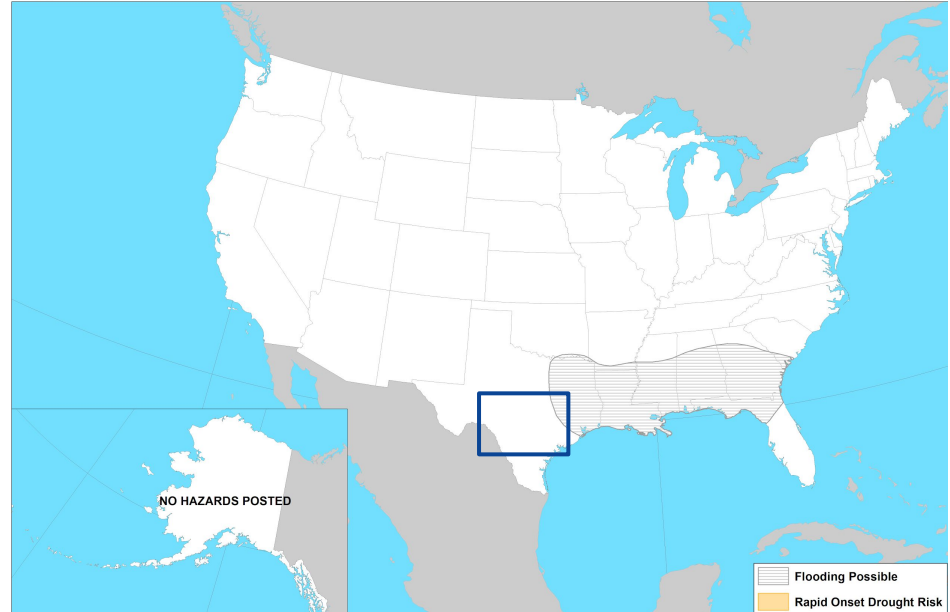
Rapid Onset Drought Outlook

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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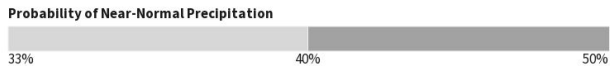
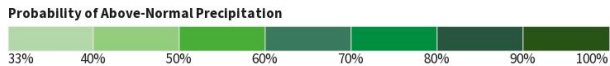
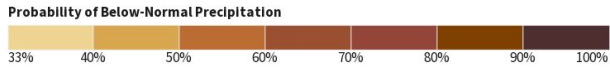
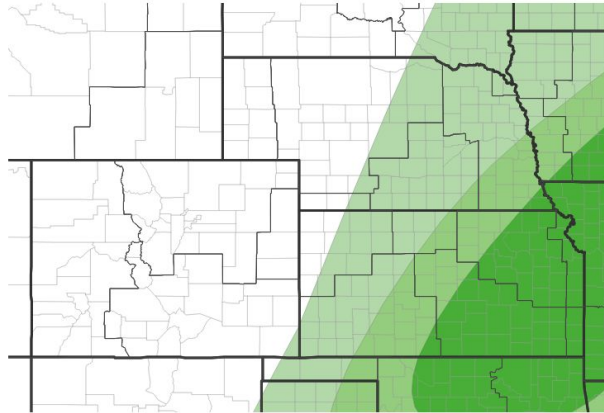




November Precipitation and Temperature Outlook

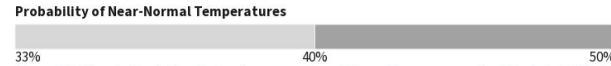
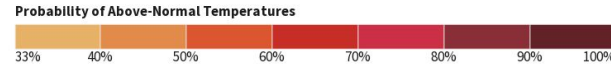
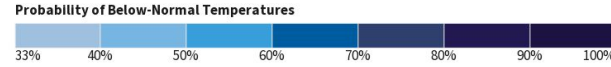
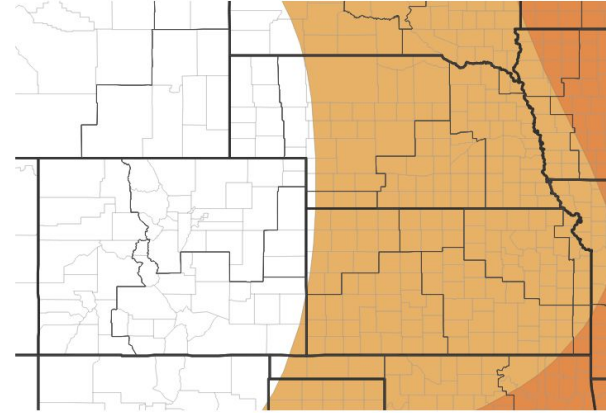
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

Monthly Precipitation Outlook for November 1, 2024–November 30, 2024



Source: Climate Prediction Center, image courtesy of Drought.gov. Last Updated: 10/31/24

Monthly Temperature Outlook for November 1, 2024–November 30, 2024



Source: Climate Prediction Center, image courtesy of Drought.gov. Last Updated: 10/31/24

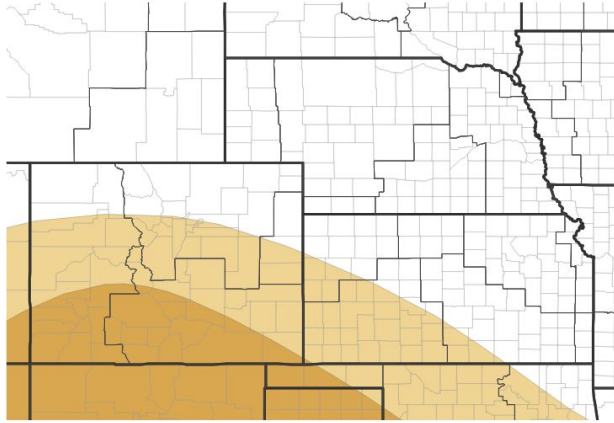
- Above average precipitation is favored across Kansas in November, especially central and eastern portions. There is a slight signal for above average temperatures statewide.



Precipitation and Temperature Outlook through January

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

Seasonal (3-Month) Precipitation Outlook for November 1, 2024–January 31, 2025



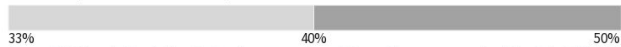
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation

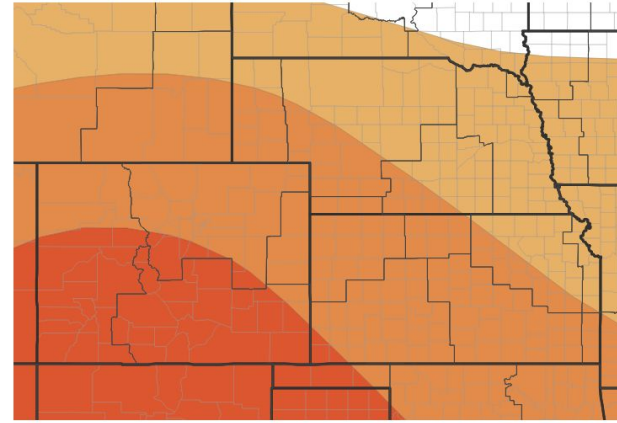


Probability of Near-Normal Precipitation



Source(s): Climate Prediction Center, image courtesy of Drought.gov. Last Updated: 10/17/24

Seasonal (3-Month) Temperature Outlook for November 1, 2024–January 31, 2025



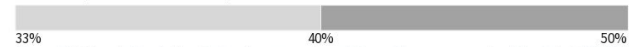
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Probability of Near-Normal Temperatures



Source(s): Climate Prediction Center, image courtesy of Drought.gov. Last Updated: 10/17/24

- There is a slight signal for below average precipitation across mainly southwest Kansas through January, with above average temperatures favored statewide.



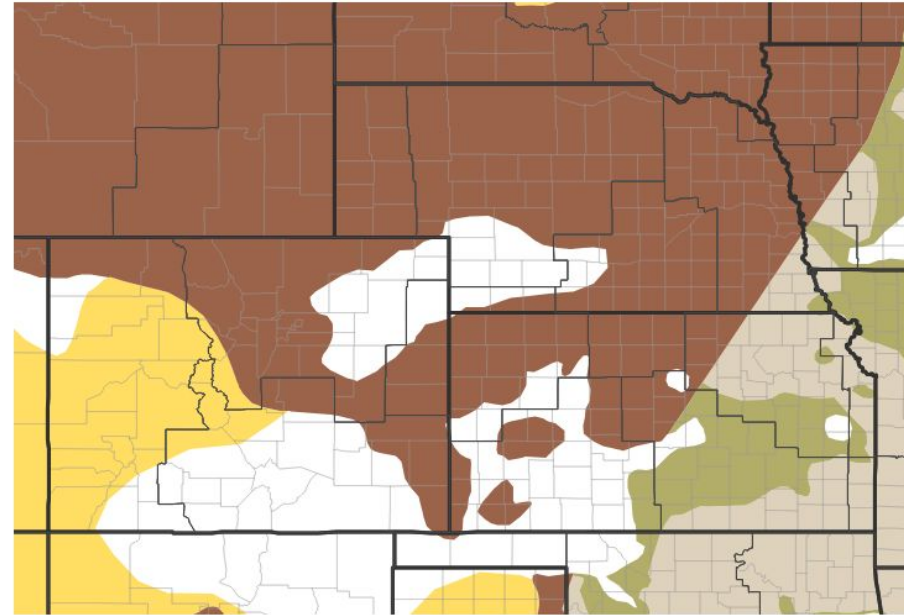


Drought Outlook Through January

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

- Through January, areas of drought persistence are forecast across portions of the western half of Kansas, with drought improvement and elimination expected over portions of the eastern half.

Seasonal (3-Month) Drought Outlook for October 31, 2024–January 31, 2025



Drought Is Predicted To...



Source: Climate Prediction Center image courtesy of Drought.gov. Last Updated: 10/21/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Wichita, Kansas