



Drought Information Statement for Kansas

Valid July 7, 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.

- Severe (D2) drought conditions persist across portions of southwest, central, and south-central Kansas.





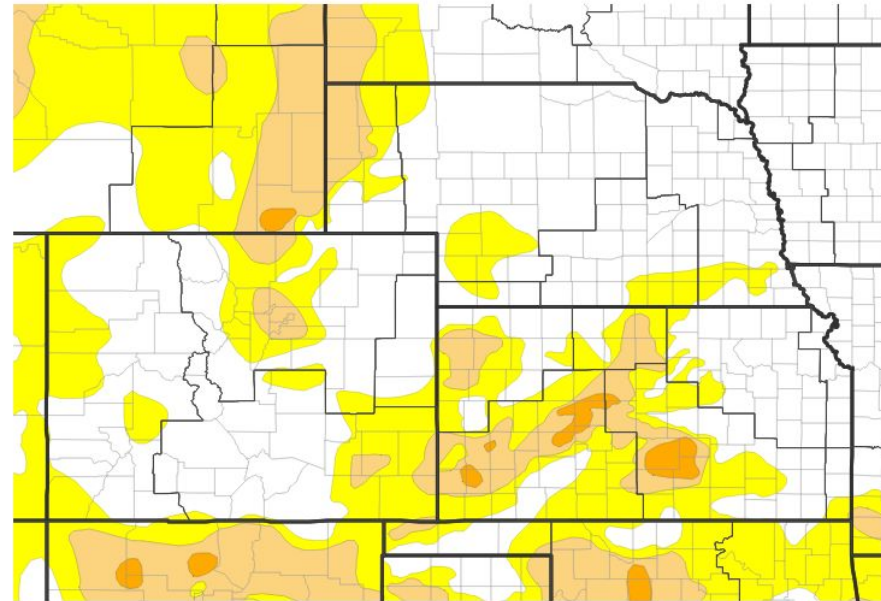
U.S. Drought Monitor

[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 southwest, central, and south-central Kansas
- **D1 (Moderate Drought):** Portions of western, central, and south-central Kansas
- **D0: (Abnormally Dry):** Portions of Kansas generally along and west of the Flint Hills

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 07/02/24



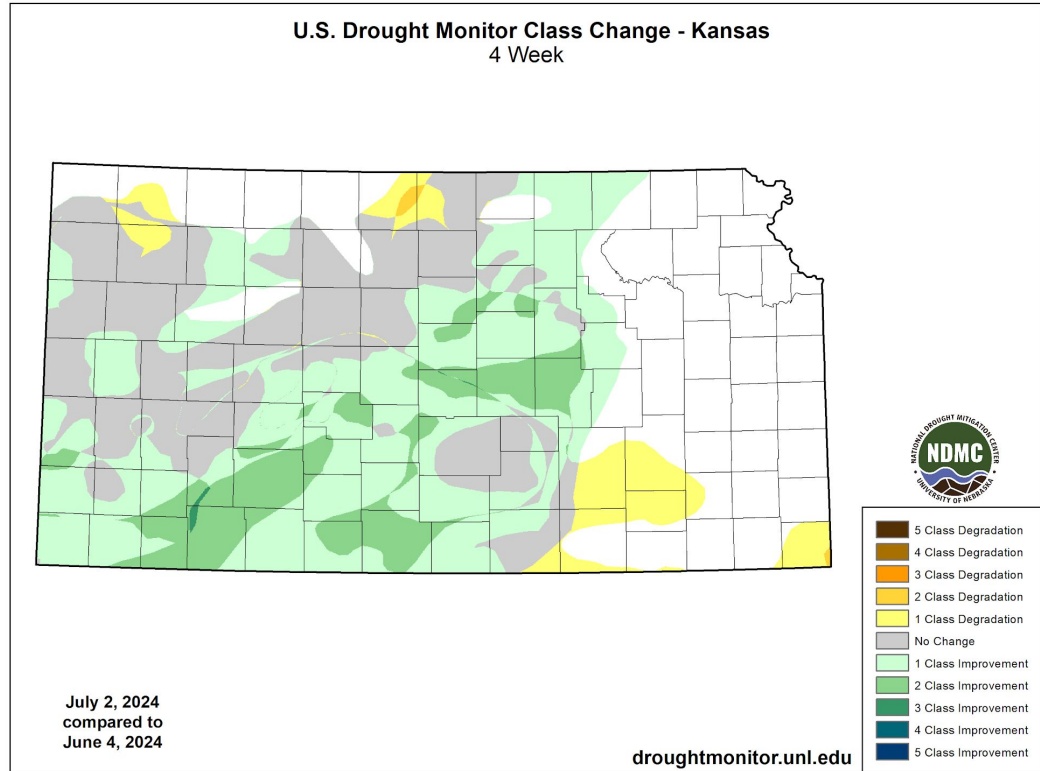


4-Week Drought Change

[Link to Drought Monitor Change Maps](#)

Four Week Drought Monitor Class Change

- **Drought Worsened:** 1-2 categories across small pockets of northern and southeast Kansas
- **Drought Improved:** 1-2 categories over large portions of the western two-thirds of Kansas



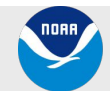
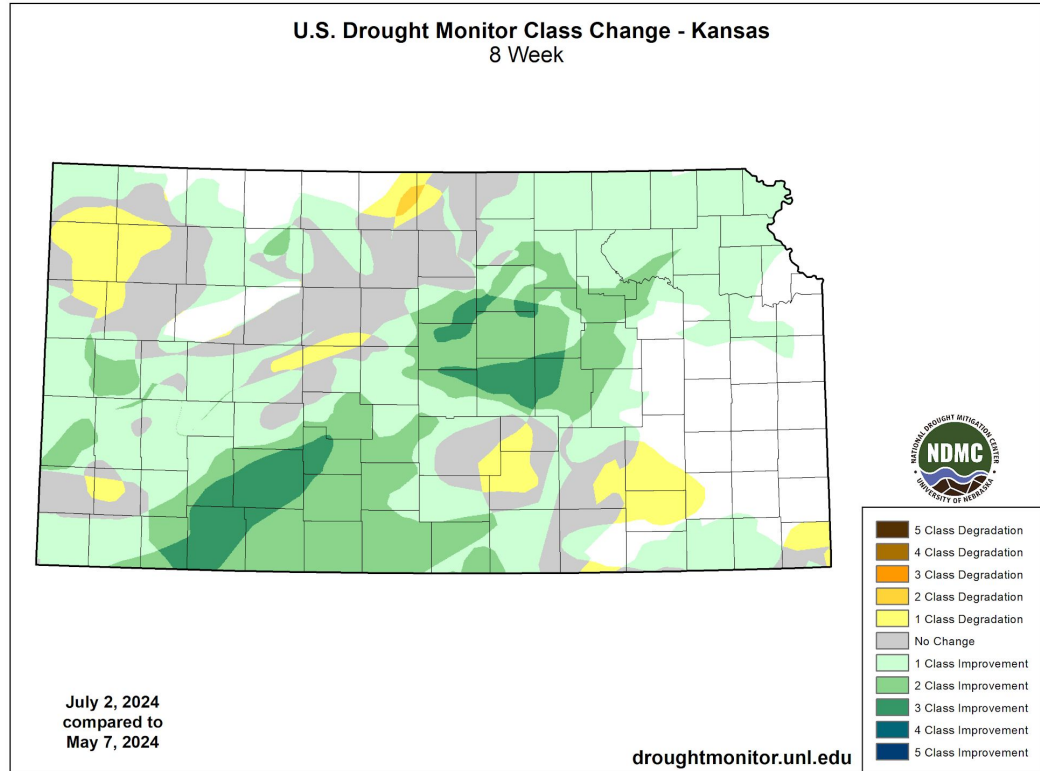


8-Week Drought Change

[Link to Drought Monitor Change Maps](#)

Eight Week Drought Monitor Class Change

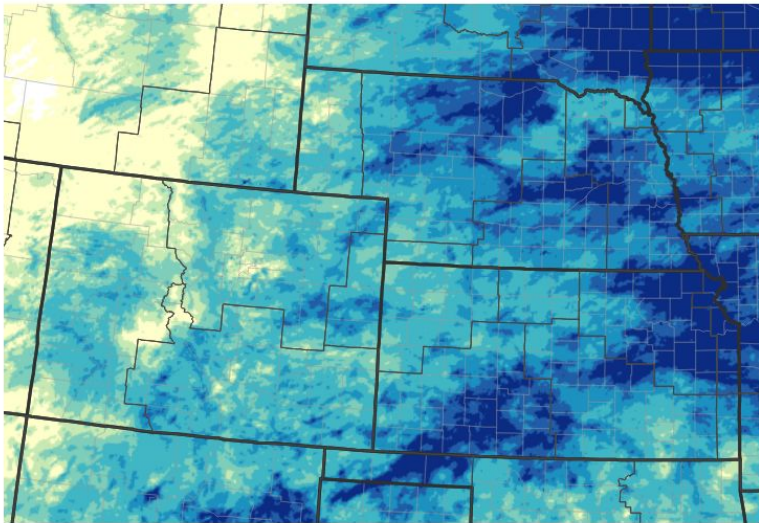
- **Drought Worsened:** 1-2 categories across small pockets of western, central, and southeast Kansas.
- **Drought Improved:** 1-3 categories across large portions of the state.





Precipitation Past 30 Days

30-Day Precipitation Accumulations (Inches)

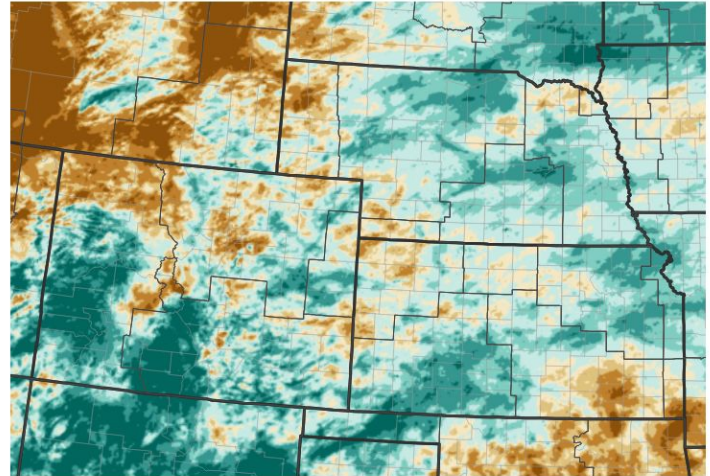


Inches of Precipitation

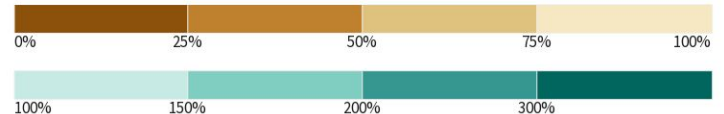


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 07/07/24

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: 07/07/24

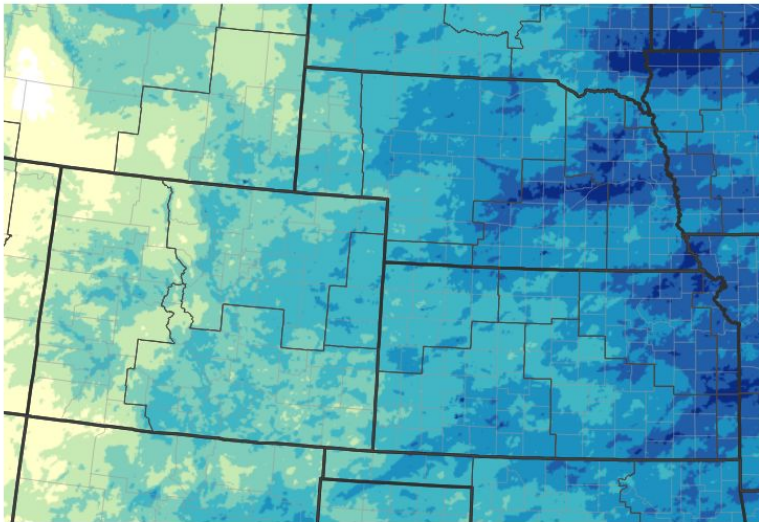
- Pockets of near, above, and below average precipitation are noted across Kansas the past 30 days.





Precipitation Past 90 Days

90-Day Precipitation Accumulations (Inches)

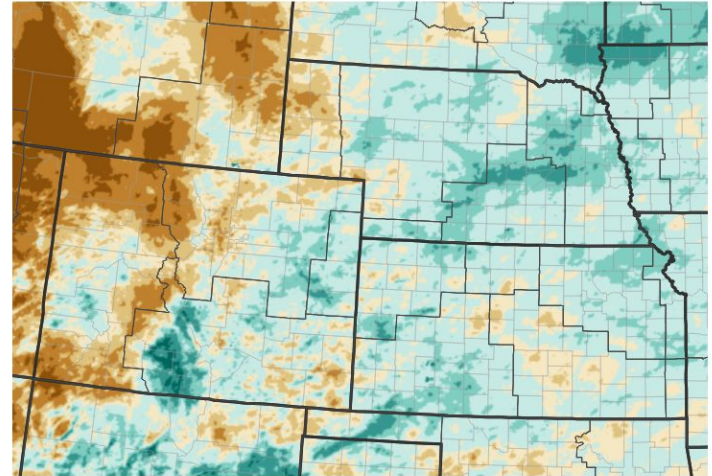


Inches of Precipitation

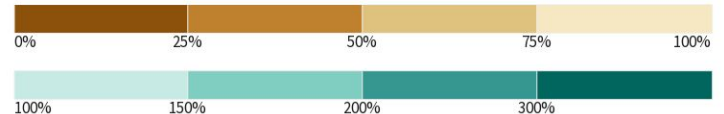


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 07/07/24

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: 07/07/24

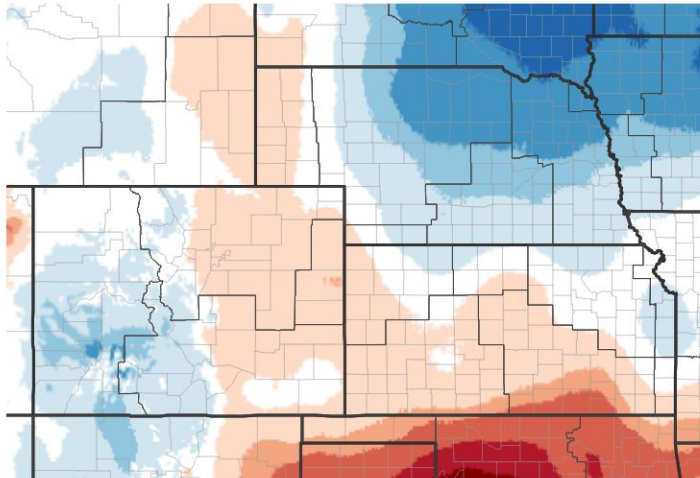
- Mostly near to above average precipitation is noted the past 90 days across much of Kansas, although small pockets of below average precipitation are noted.



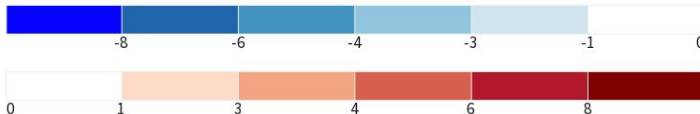


Temperature Anomalies Past 7 to 30 Days

7-Day Temperature Anomaly

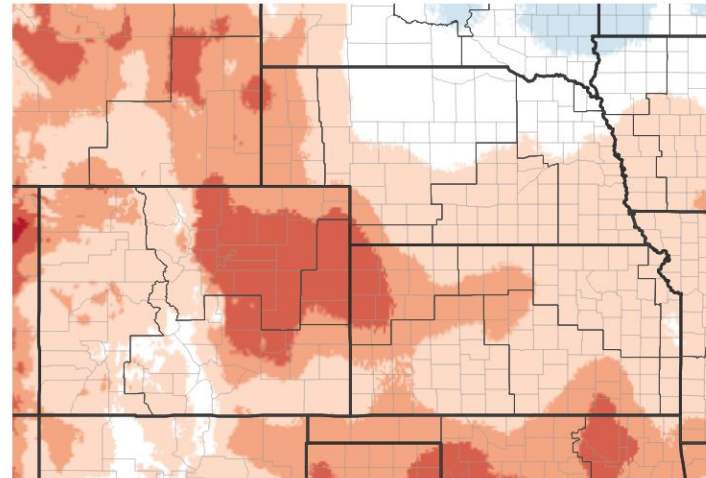


Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov Data Valid: 07/03/24

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: 07/03/24

- Mostly above average temperatures have been noted the past 7 to 30 days across Kansas, with near to below average temperatures over portions of northern and eastern Kansas the past 7 days.





Summary of Drought Impacts

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

Hydrologic Impacts

- Potential for future water restrictions for Wichita if drought continues or worsens within the Cheney Reservoir Basin.

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.

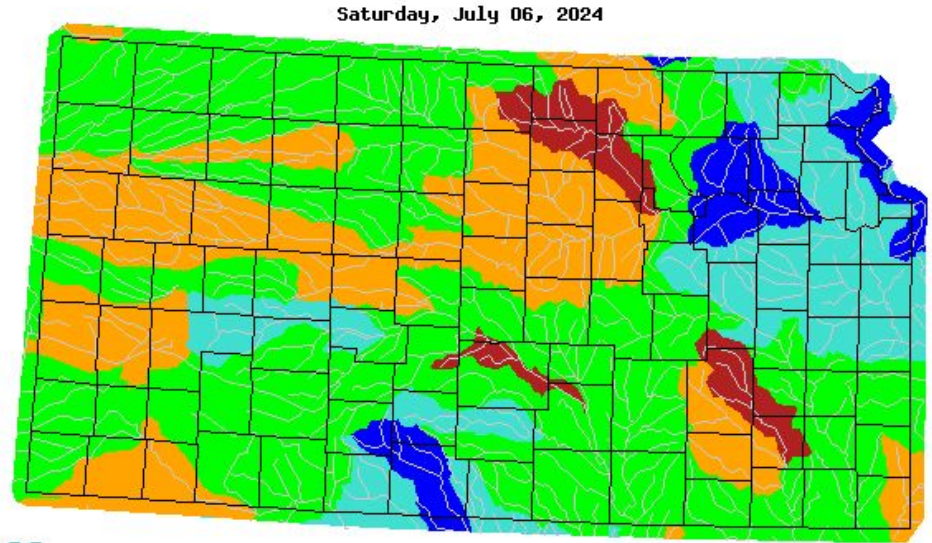




Hydrologic Conditions and Impacts

[Link to USGS WaterWatch Page](#)

- Kansas 7 Day Average Streamflow compared to normal. Warmer colors indicate below normal flows. Cooler colors indicate near to above normal flows.



| 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 5/10/2024

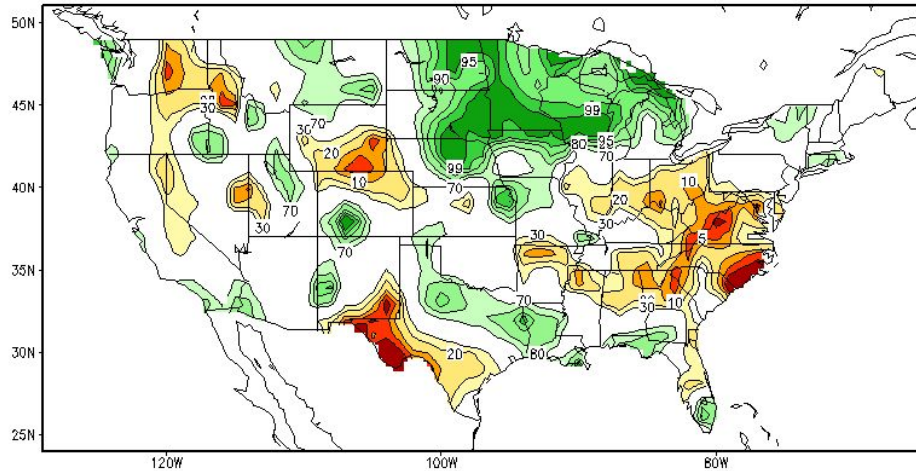




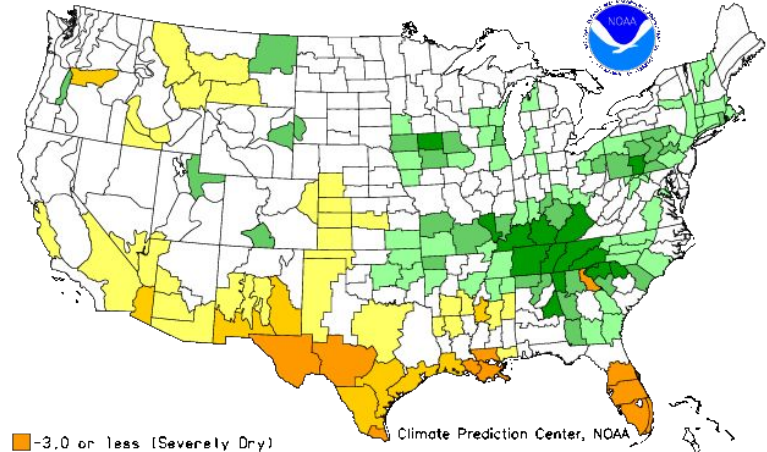
Agricultural Impacts

[Link to CPC Soil Moisture Page](#)

Calculated Soil Moisture Ranking Percentile JUL 06, 2024



Crop Moisture Index by Division Weekly Value for Period Ending JUN 29, 2024 Short Term Need vs. Available Water in a Shallow Soil Profile



- Below average soil moisture is noted over northwest and north-central Kansas, with above average soil moisture over northeast and southwest Kansas. Crop moisture is above average over southeast Kansas, and below average over central and western Kansas.

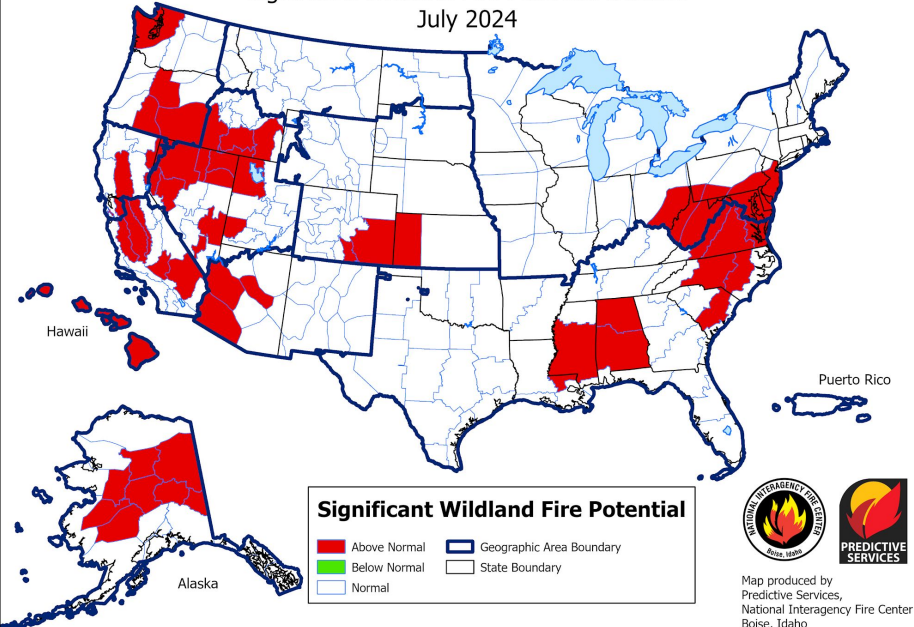




Fire Hazard Impacts

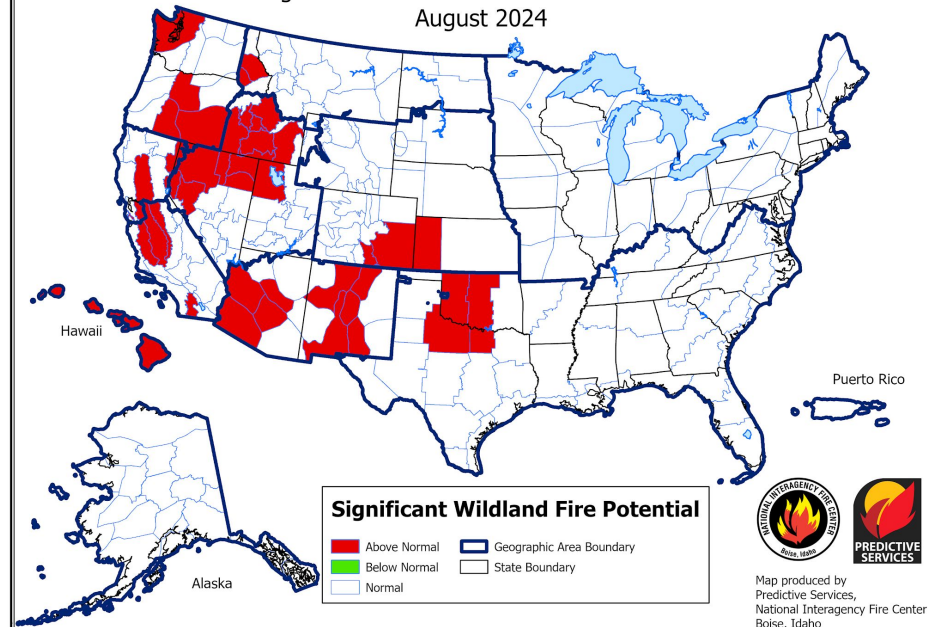
Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center](#).

Significant Wildland Fire Potential Outlook July 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 August 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 is above normal over western Kansas in July and August

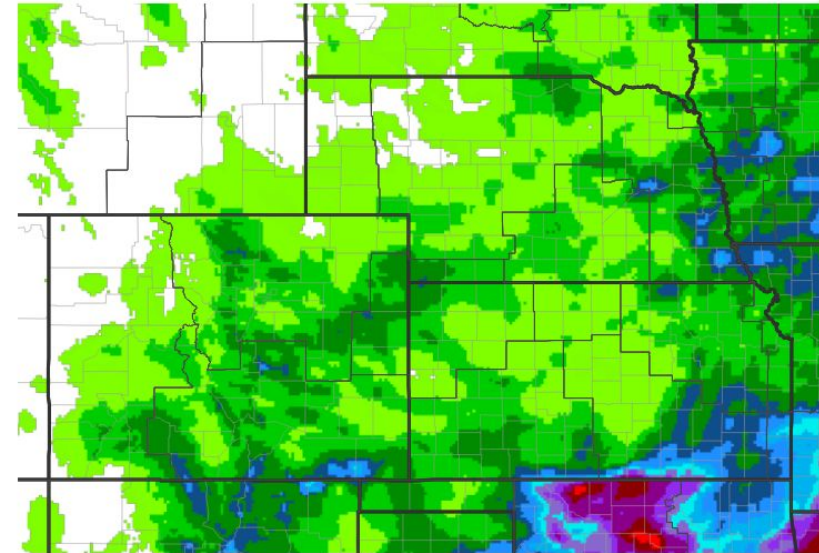


Seven Day Precipitation Forecast

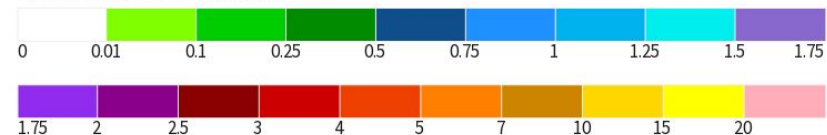
[Link to Weather Prediction Center \(WPC\) Page](#)

- Beneficial rainfall is forecast across Kansas through July 14, especially over southern, western, and eastern Kansas.

7-Day Quantitative Precipitation Forecast



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov

Last Updated: 07/07/24





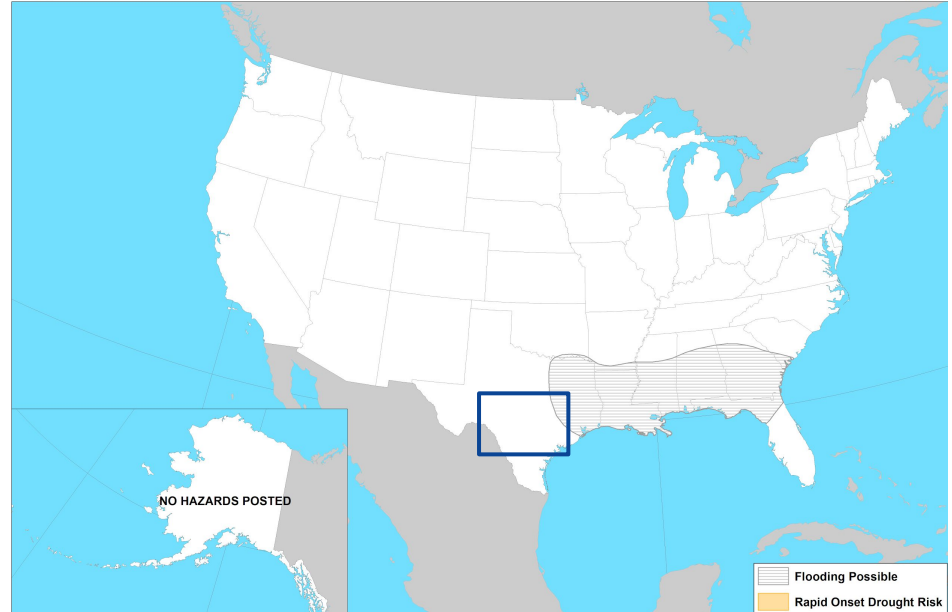
Rapid Onset Drought Outlook

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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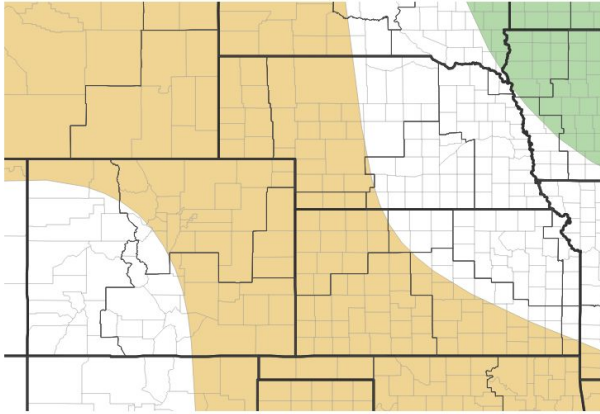




July Precipitation and Temperature Outlook

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

Monthly Precipitation Outlook



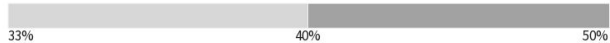
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation

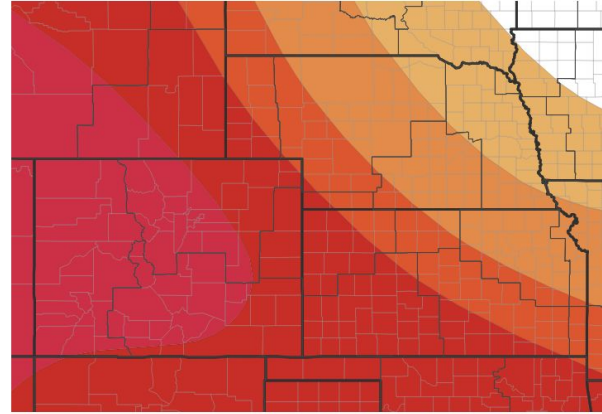


Probability of Near-Normal Precipitation



Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 06/30/24

Monthly Temperature Outlook



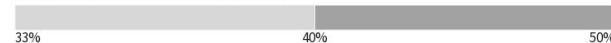
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Probability of Near-Normal Temperatures



Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 06/30/24

- Near to below average precipitation is favored across Kansas in July, with above average temperatures

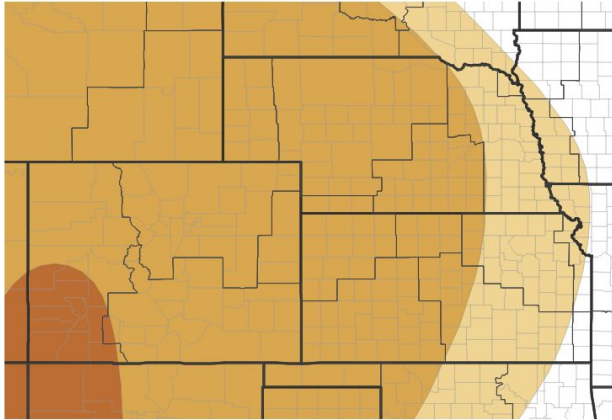




July-September Precipitation and Temperature Outlook

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

Seasonal (3-Month) Precipitation Outlook



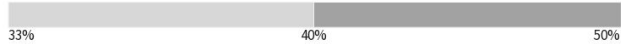
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation

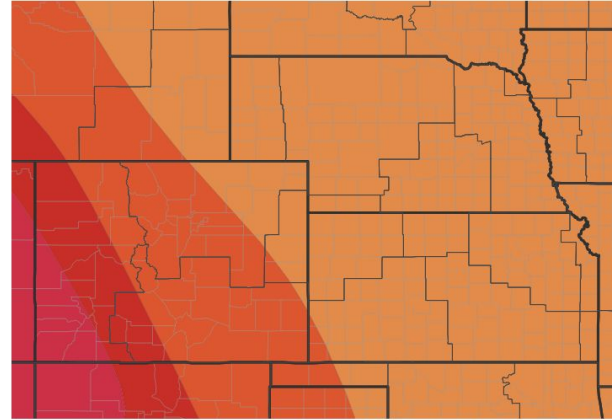


Probability of Near-Normal Precipitation



Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 06/20/24

Seasonal (3-Month) Temperature Outlook



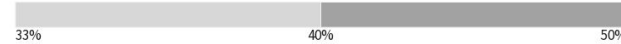
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Probability of Near-Normal Temperatures



Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 06/20/24

- Below average precipitation is favored through September across much of Kansas, along with above average temperatures.



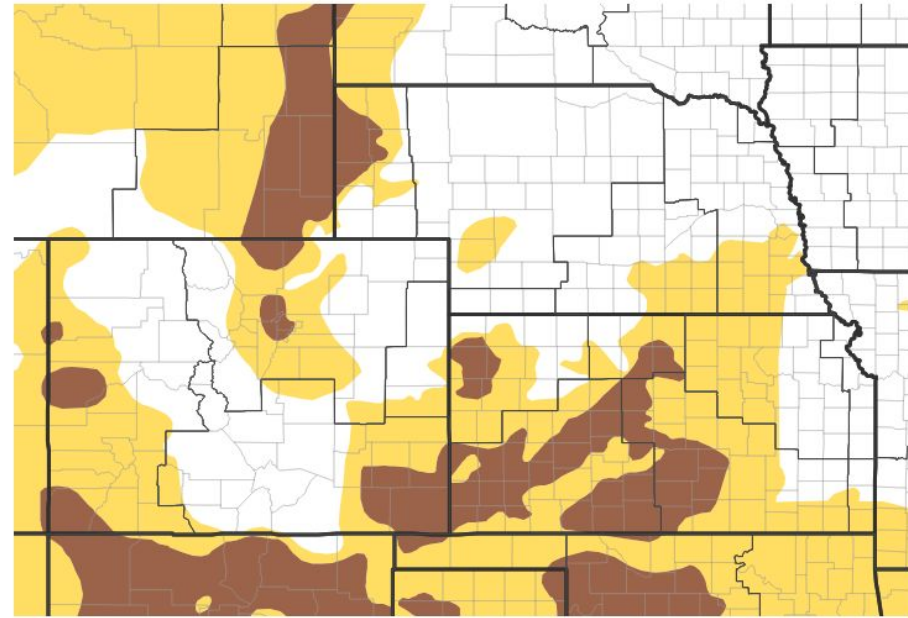


Drought Outlook Through September

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

- Areas of drought persistence and development are forecast across a large portion of Kansas through September.

Seasonal (3-Month) Drought Outlook



Drought Is Predicted To...



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

Last Updated: 06/30/24

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