



# Drought Information Statement for Kansas

Valid September 8, 2024

Issued By: WFO Wichita

Contact Information: [w-ict.webmaster@noaa.gov](mailto: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 persists across small pockets of northern and south-central Kansas.





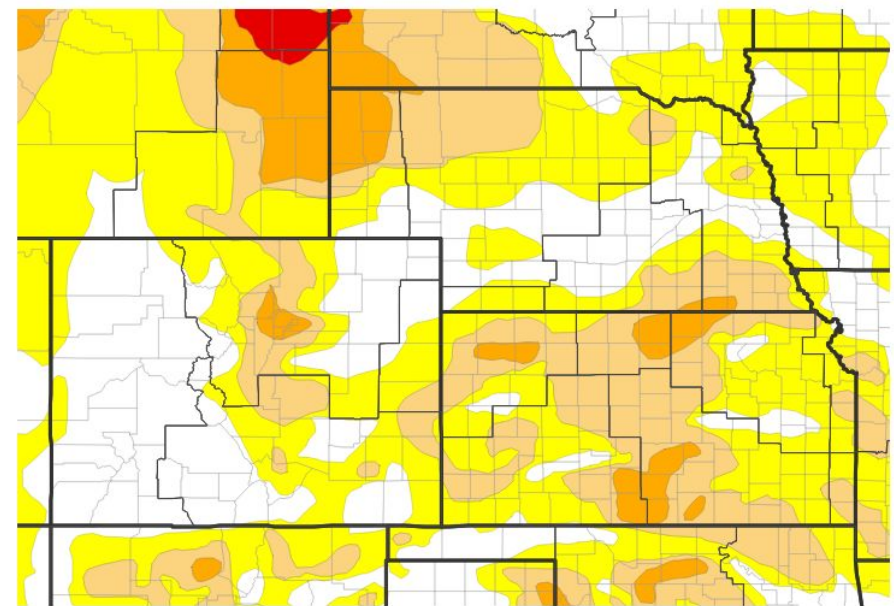
# U.S. Drought Monitor

[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 northern and south-central Kansas
- **D1 (Moderate Drought):** Large portions of Kansas surrounding D2 drought areas
- **D0: (Abnormally Dry):** Much of Kansas surrounding D1 drought areas

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 09/03/24



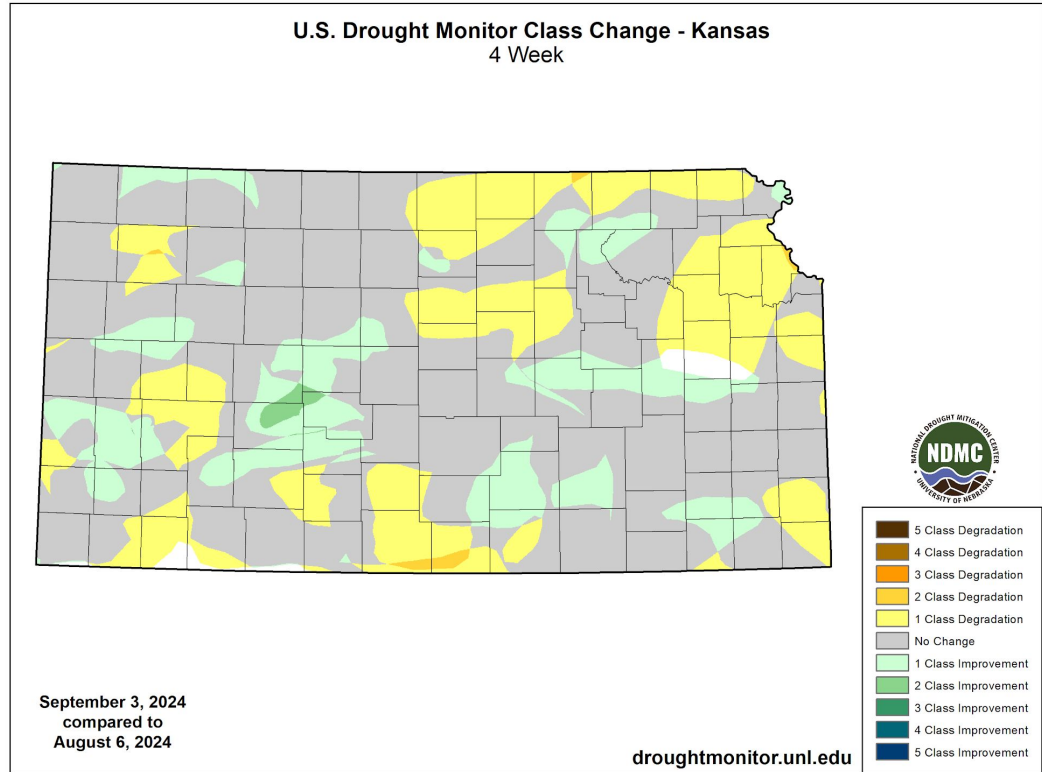


# 4-Week Drought Change

[Link to Drought Monitor Change Maps](#)

## Four Week Drought Monitor Class Change

- **Drought Worsened:** 1-2 categories for several small pockets across Kansas
- **Drought Improved:** 1-2 categories for several small pockets across Kansas



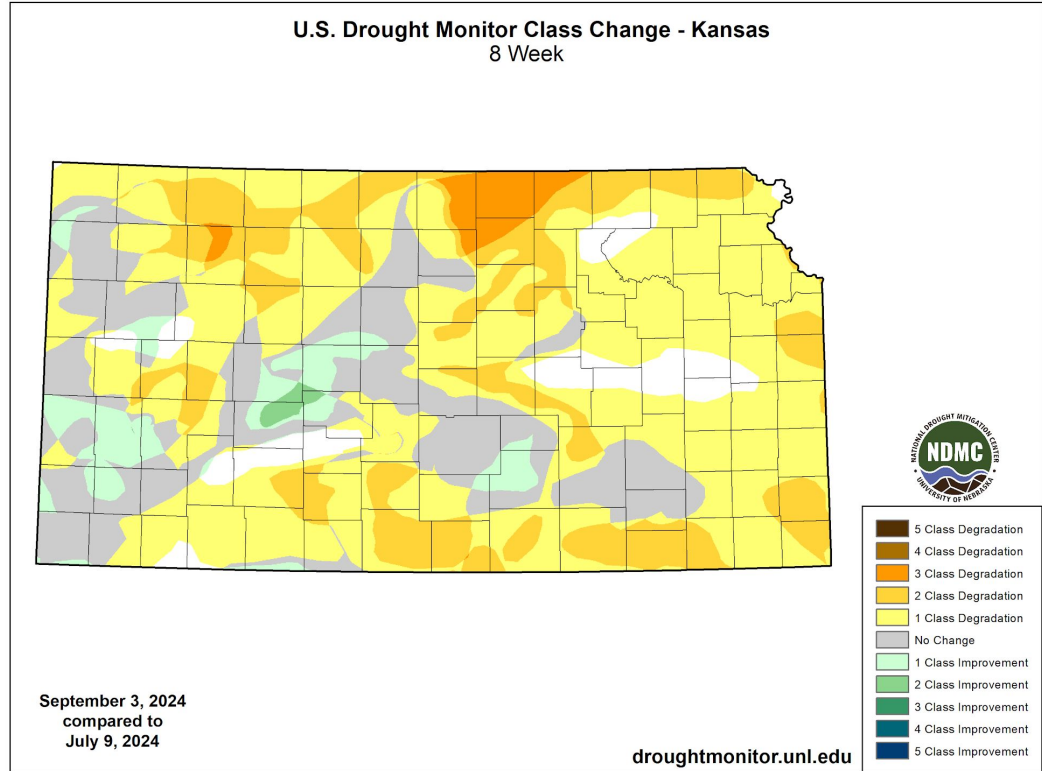


# 8-Week Drought Change

[Link to Drought Monitor Change Maps](#)

## Eight Week Drought Monitor Class Change

- **Drought Worsened:** 1-3 categories for large portions of Kansas
- **Drought Improved:** 1-2 categories for a few small pockets of central and western Kansas

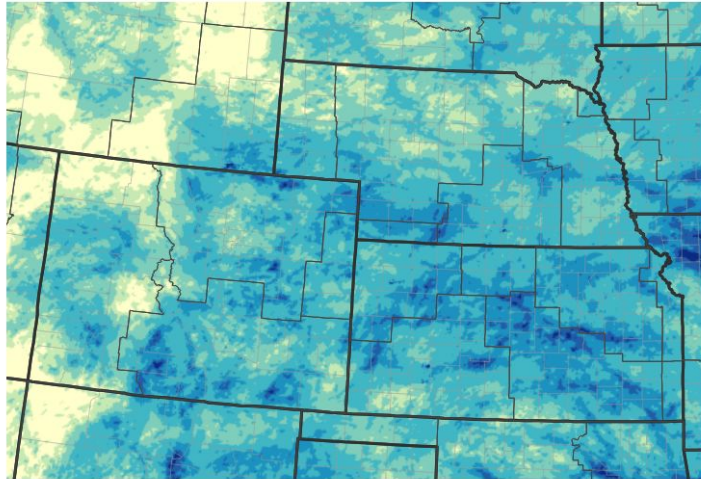






# Precipitation Past 30 Days

### 30-Day Precipitation Accumulations (Inches)

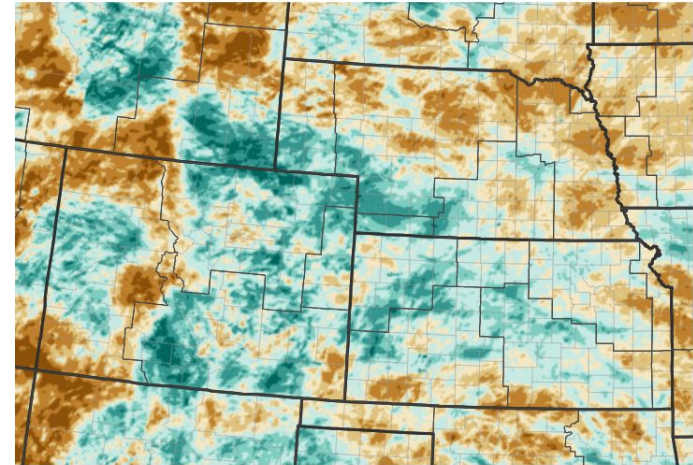


Inches of Precipitation

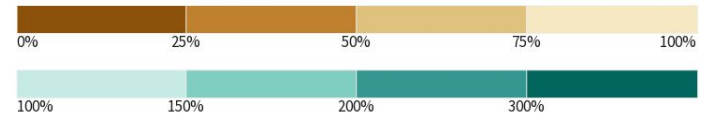


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 09/08/24

### 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: 09/08/24

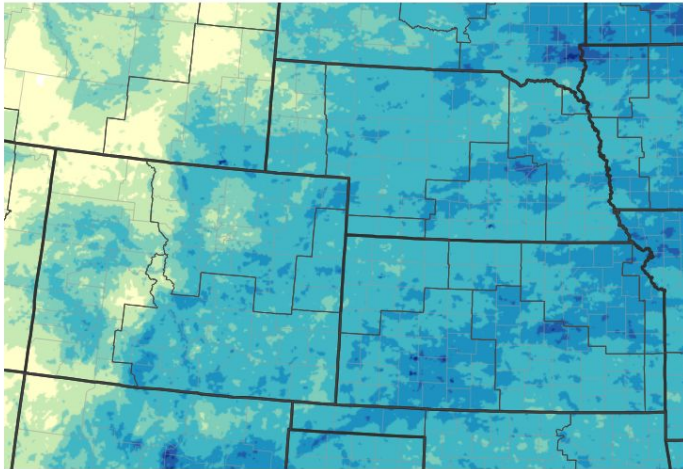
- Pockets of near, above, and below average precipitation were noted across Kansas the past 30 days.



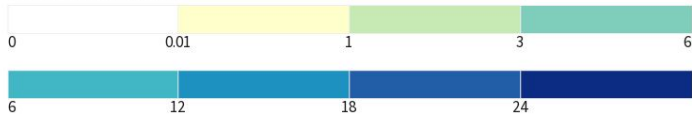


# Precipitation Past 90 Days

### 90-Day Precipitation Accumulations (Inches)

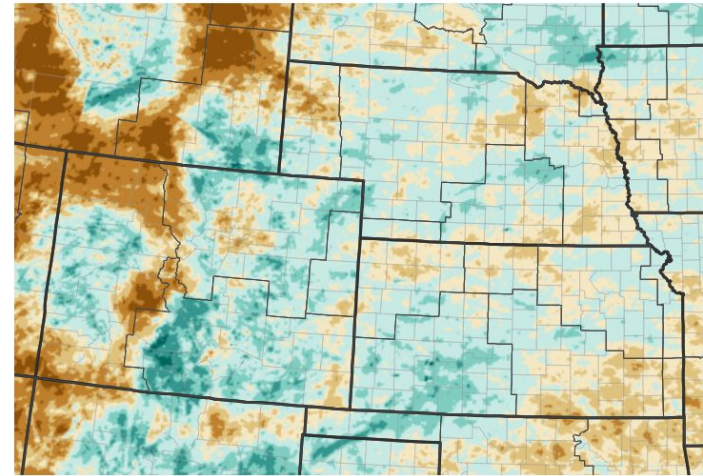


Inches of Precipitation

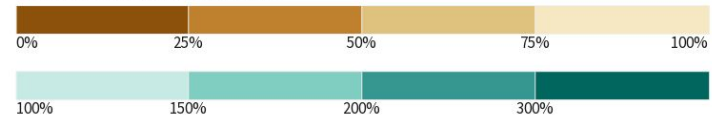


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 09/08/24

### 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: 09/08/24

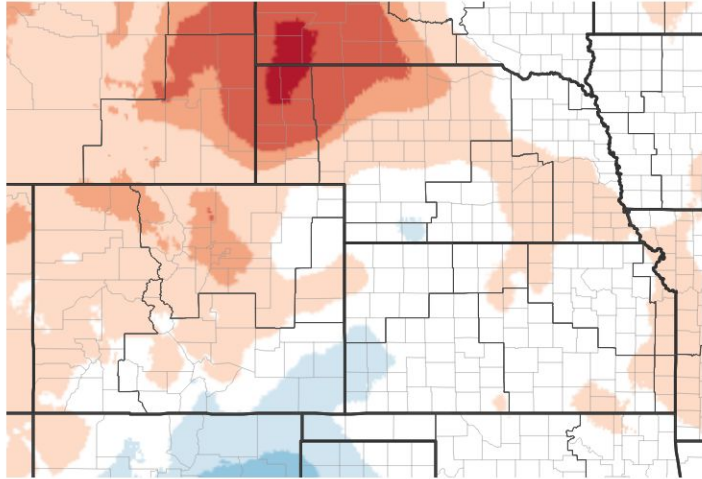
- Pockets of near, above, and below average precipitation were noted across Kansas the past 90 days.



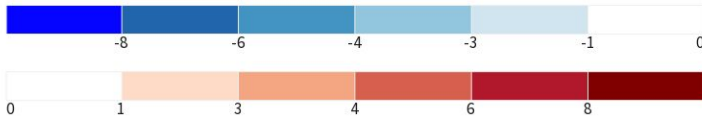


# Temperature Anomalies Past 7 to 30 Days

### 7-Day Temperature Anomaly

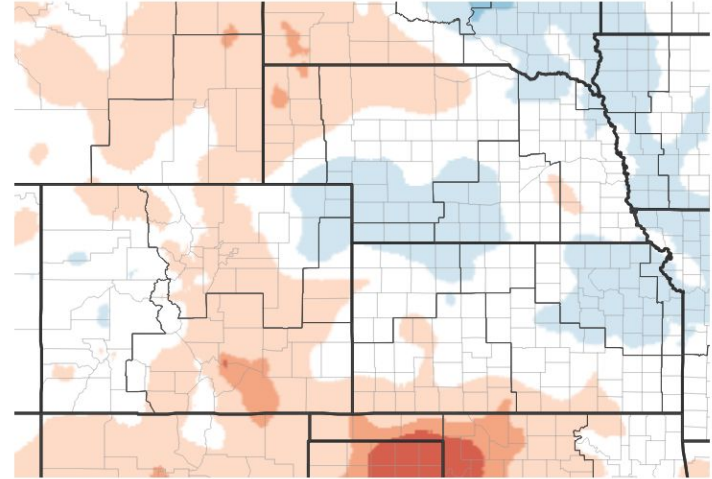


Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov Data Valid: 09/04/24

### 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: 09/04/24

- Areas of near, above, and below average temperatures were noted across Kansas the past 7 and 30 days.





# 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.





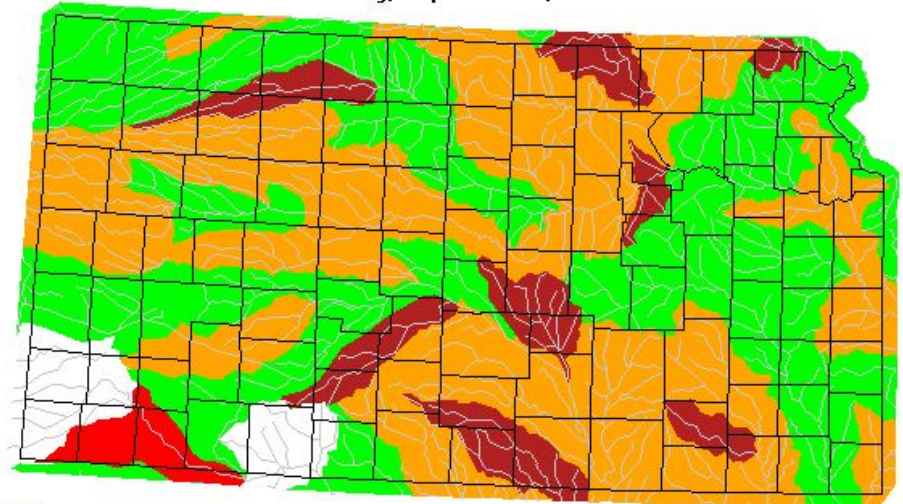


# Hydrologic Conditions and Impacts

[Link to USGS WaterWatch Page](#)

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

Saturday, September 07, 2024



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

Image Caption: USGS 7 day average streamflow HUC map valid 09/07/2024



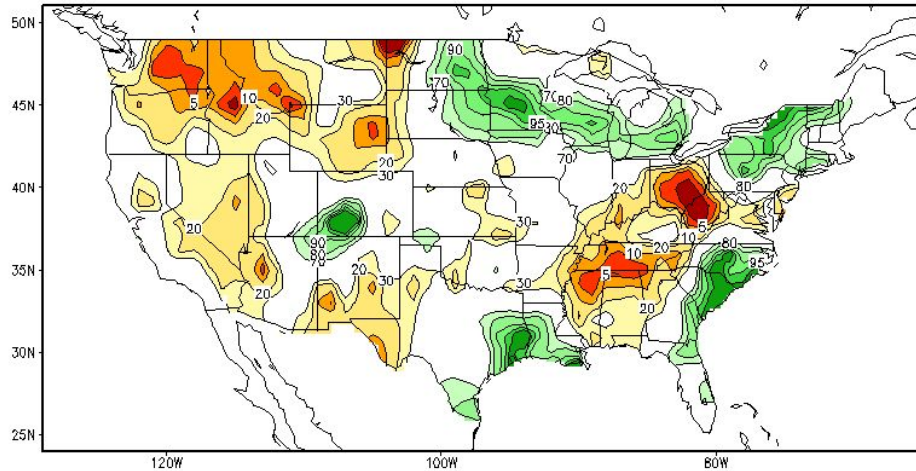




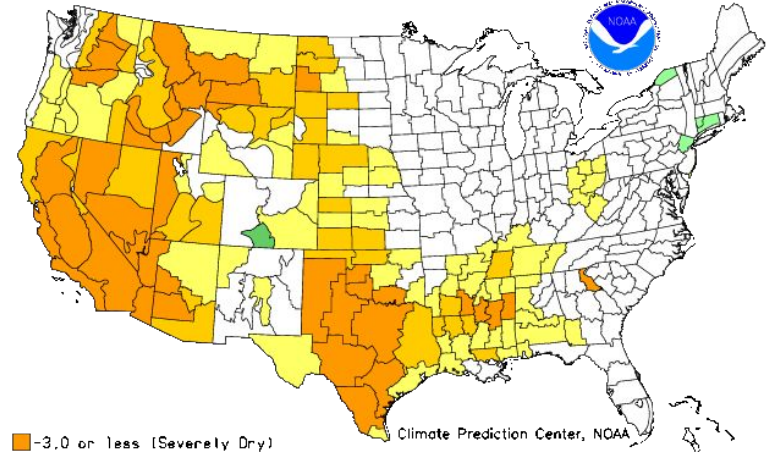
# Agricultural Impacts

[Link to CPC Soil Moisture Page](#)

### Calculated Soil Moisture Ranking Percentile SEP 07, 2024



### Crop Moisture Index by Division Weekly Value for Period Ending AUG 31, 2024 Short Term Need vs. Available Water in a Shallow Soil Profile



- Mostly near to below average soil moisture was noted over Kansas. Crop moisture was also near to below average.





# Fire Hazard Impacts

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

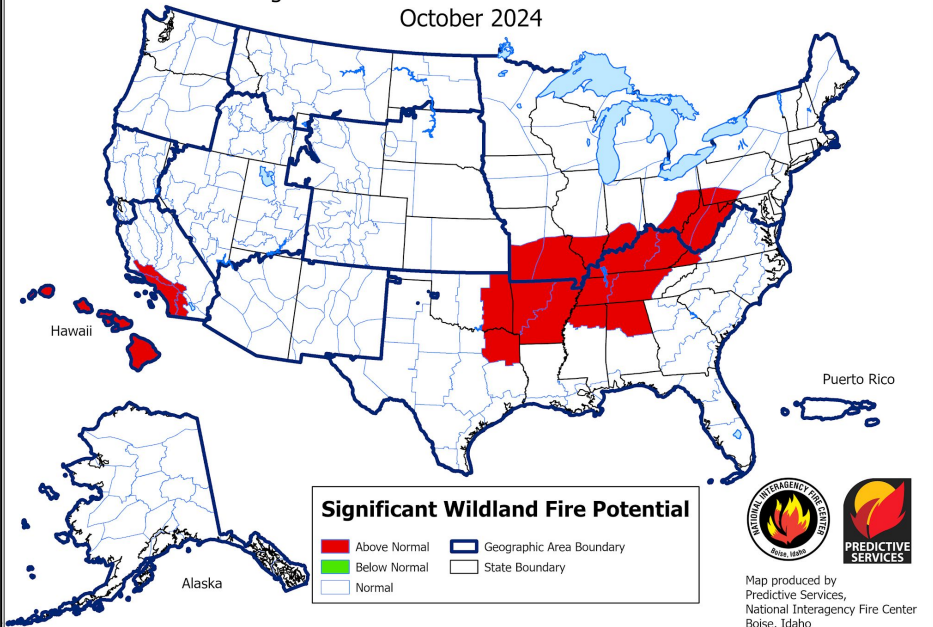
### Significant Wildland Fire Potential Outlook September 2024



Map produced by Predictive Services, National Interagency Fire Center Boise, Idaho  
Issued September 1, 2024  
Next issuance October 1, 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 October 2024



Map produced by Predictive Services, National Interagency Fire Center Boise, Idaho  
Issued September 1, 2024  
Next issuance October 1, 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 low through October.

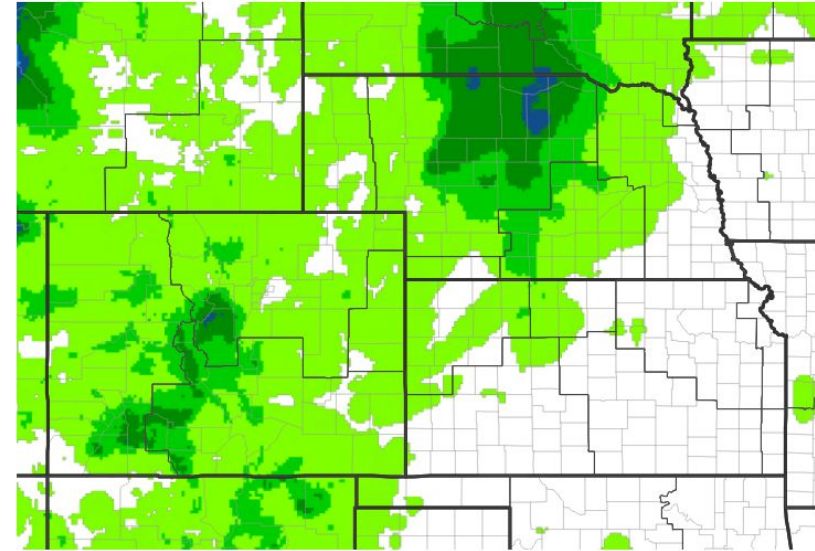


# Seven Day Precipitation Forecast

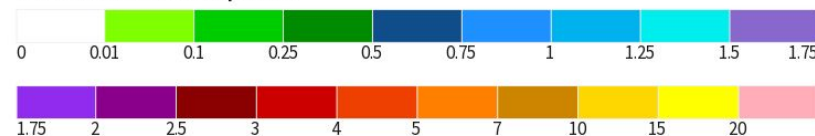
[Link to Weather Prediction Center \(WPC\) Page](#)

- Little to no beneficial rainfall is forecast across Kansas through September 15.

7-Day Quantitative Precipitation Forecast for September 8, 2024–September 15, 2024



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 09/08/24





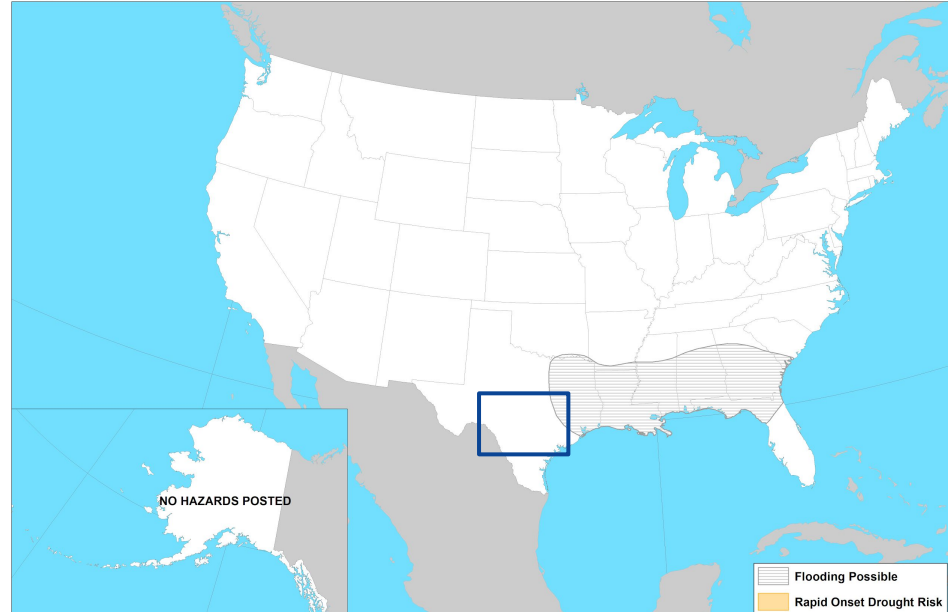
# Rapid Onset Drought Outlook

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

Follow us:   
[www.cpc.ncep.noaa.gov](http://www.cpc.ncep.noaa.gov)



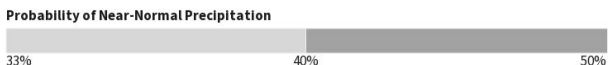
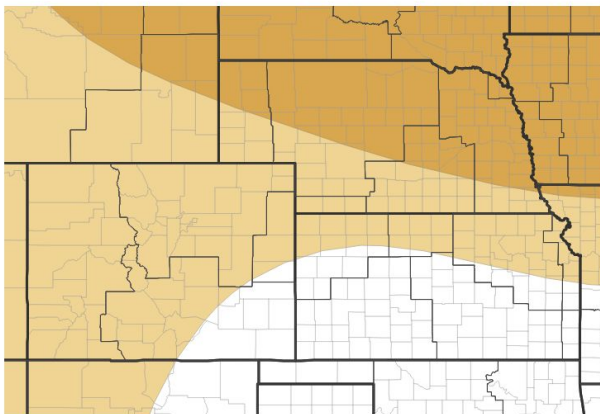




# September Precipitation and Temperature Outlook

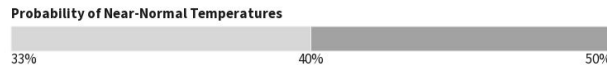
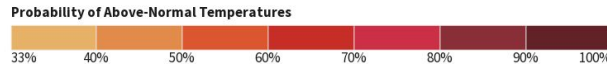
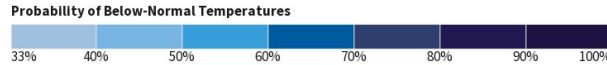
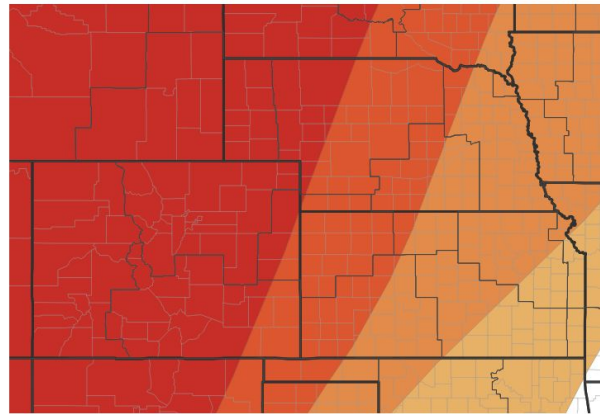
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

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



Source: Climate Prediction Center, image courtesy of Drought.gov. Last Updated: 09/21/24

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



Source: Climate Prediction Center, image courtesy of Drought.gov. Last Updated: 09/21/24

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



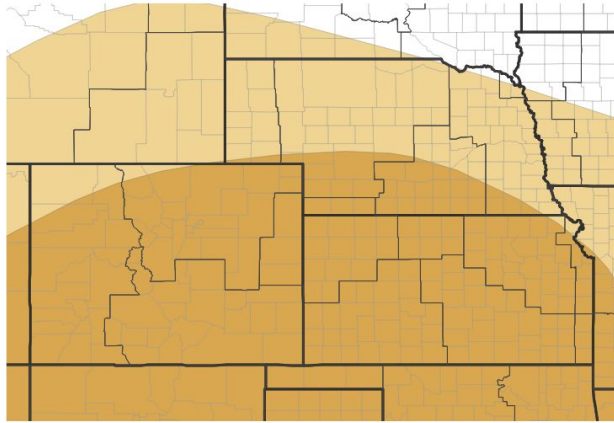




# September-November Precipitation and Temperature Outlook

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

Seasonal (3-Month) Precipitation Outlook for September 1, 2024–November 30, 2024



Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation

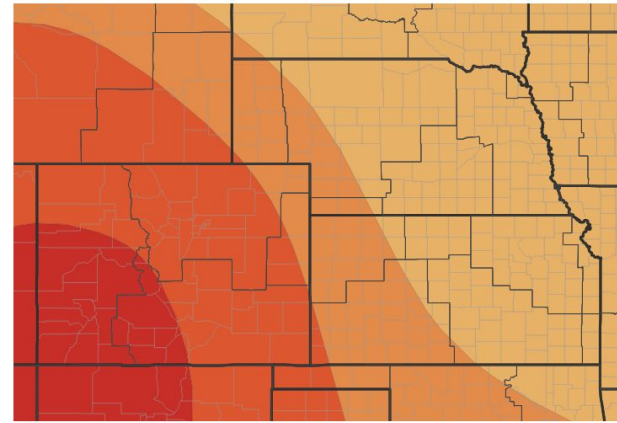


Probability of Near-Normal Precipitation



Source(s): Climate Prediction Center, image courtesy of Drought.gov. Last Updated: 09/15/24

Seasonal (3-Month) Temperature Outlook for September 1, 2024–November 30, 2024



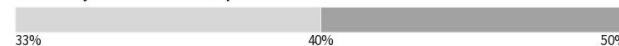
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Probability of Near-Normal Temperatures



Source(s): Climate Prediction Center, image courtesy of Drought.gov. Last Updated: 09/15/24

- Below average precipitation and above average temperatures are favored across Kansas September through November.



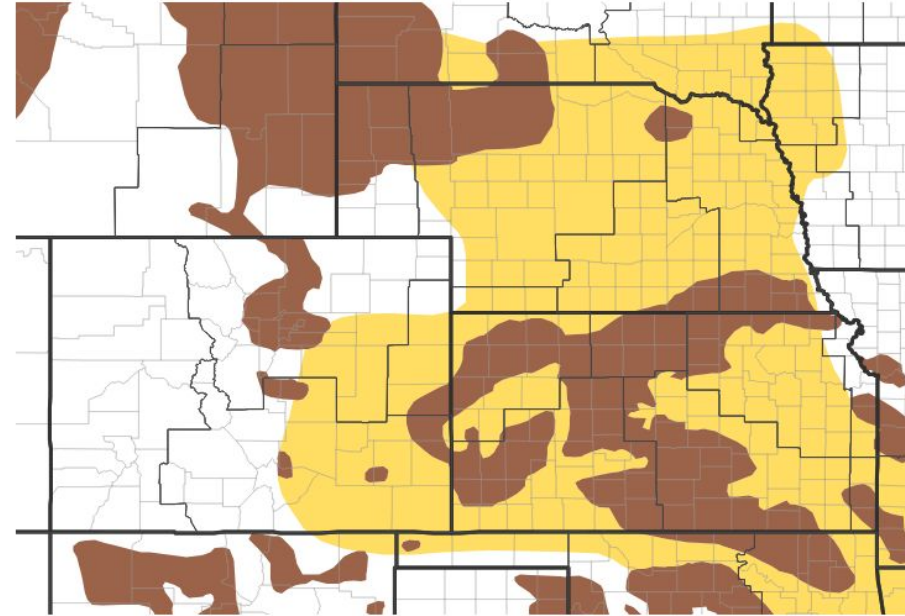


# Drought Outlook Through November

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

- Areas of drought persistence and development are forecast across much of Kansas through November.

## Seasonal (3-Month) Drought Outlook for August 31, 2024–November 30, 2024



### Drought Is Predicted To...



Source: Climate Prediction Center image courtesy of Drought.gov. Last Updated: 09/21/24

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