



Drought Information Statement for Central and Southwest Kansas

Valid August, 29, 2024

Issued By: WFO Dodge City

Contact Information:

- This product will be updated monthly during episodes of D3 drought and sometimes D2.
 - Please see all currently available products at <https://drought.gov/drought-information-statements>.
 - Please visit [https://www.weather.gov/\[WFO\]/DroughtInformationStatement](https://www.weather.gov/[WFO]/DroughtInformationStatement) for previous statements.
 - Please visit [https://www.drought.gov/drought-status-updates/\[link\]](https://www.drought.gov/drought-status-updates/[link]) for regional drought status updates.
-
- Small pockets of D2 drought still exist.



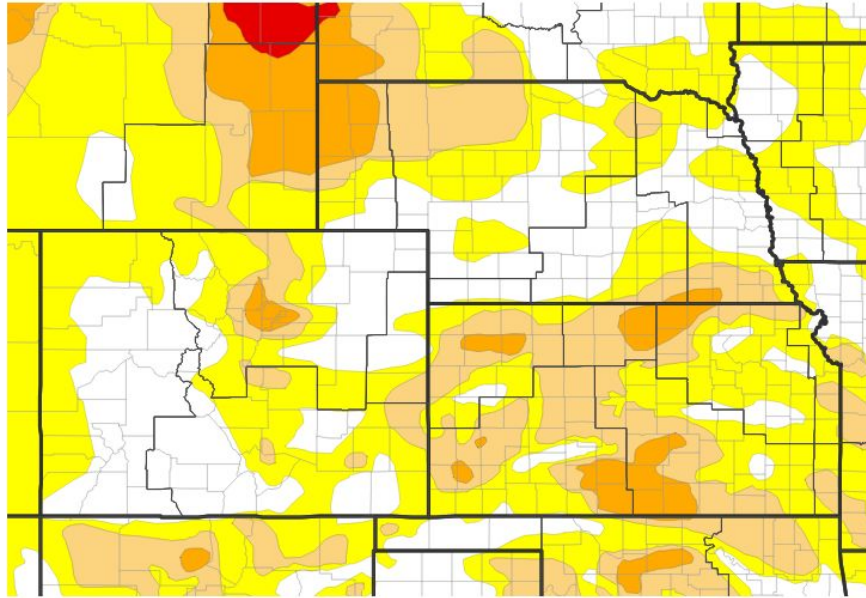


U.S. Drought Monitor (released 27 August 2024)

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

- Small pockets of D2 drought still exist despite improvements elsewhere.
- Drought intensity and Extent:
 - D2 (Severe Drought): Only small pockets of D2 drought persist, mainly across Grant, Kiowa, Pratt and Barber counties.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 08/27/24

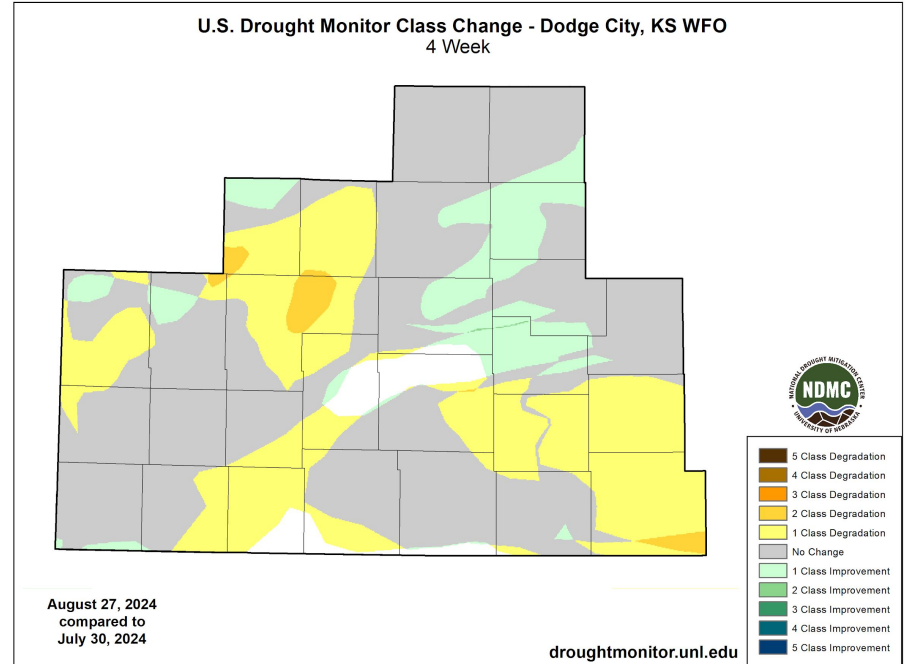




Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change.
 - Drought Improved: Improvements were noted across parts of Hodgeman, Ness and Rush counties.
 - Drought worsened: Drought worsened across Kiowa, Barber and Pratt counties.

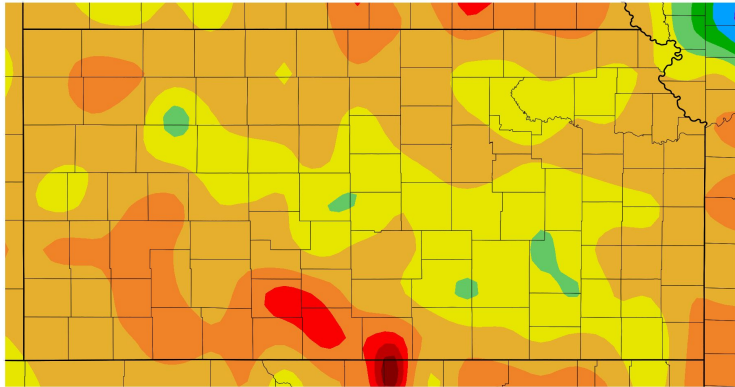




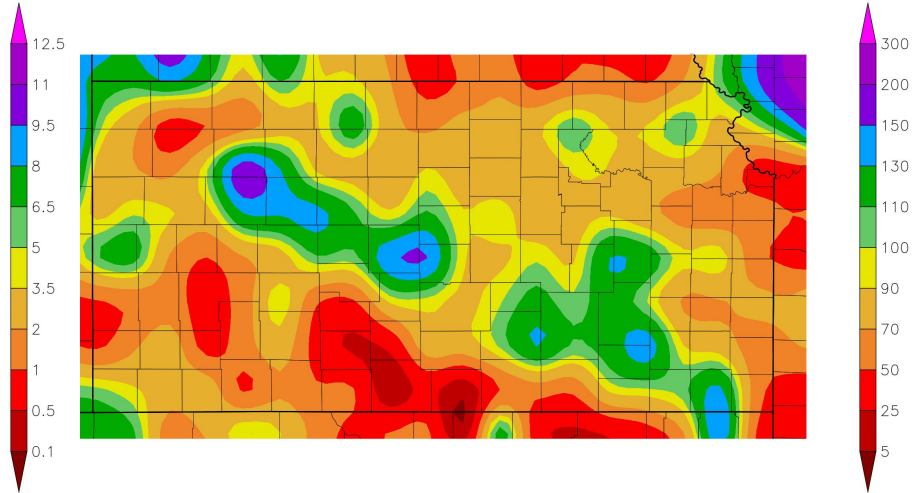
Precipitation

- It was drier than average across parts of southwest Kansas. However, a pocket of wetter than average conditions was noted across parts of central Kansas.

Precipitation (in)
7/30/2024 – 8/28/2024



Percent of Normal Precipitation (%)
7/30/2024 – 8/28/2024

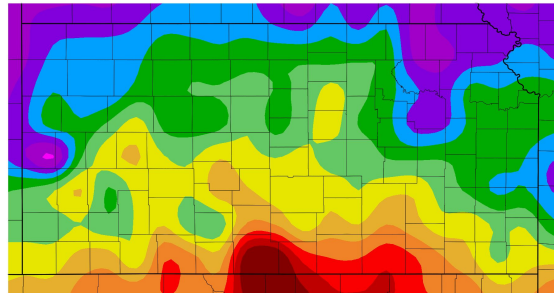




Temperature

- Temperatures were near to slightly above average across central and southwestern Kansas.

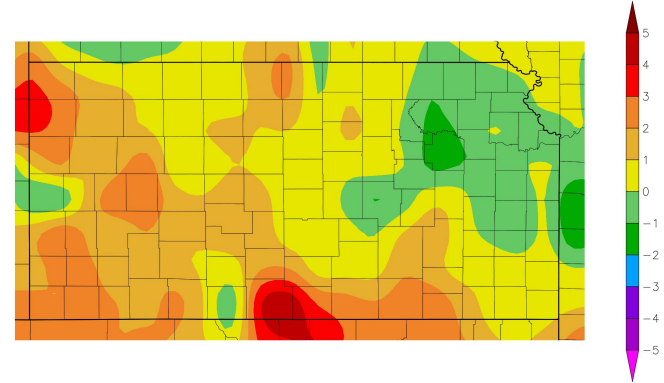
Temperature (F)
7/30/2024 – 8/28/2024



Generated 8/29/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers

Departure from Normal Temperature (F)
7/30/2024 – 8/28/2024



Generated 8/29/2024 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

- There are no known impacts at this time.

Agricultural Impacts

- There are some isolated, limited impacts across parts of south central Kansas.

Fire Hazard Impacts

- None

Other Impacts

- None.

Mitigation Actions

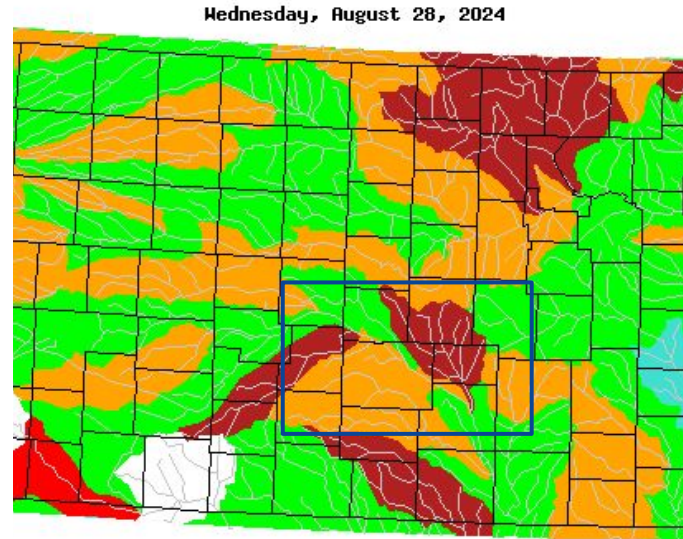
- None reported.





Hydrologic Conditions and Impacts

- Streamflow varies greatly across southwest Kansas.



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 10 12 2023

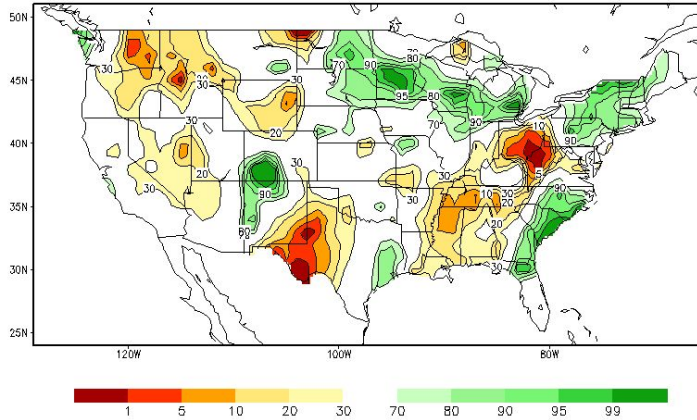




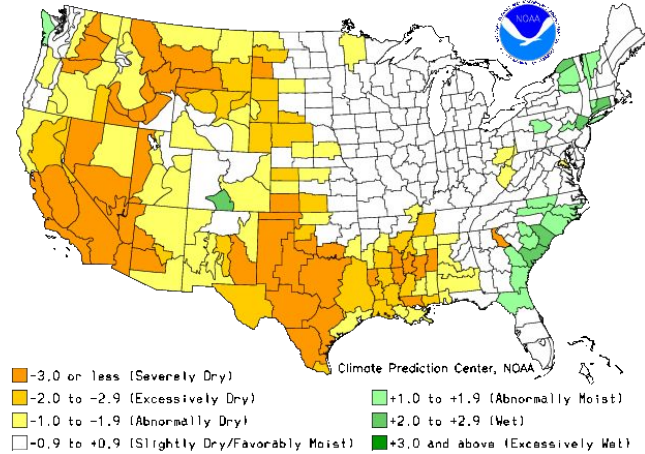
Agricultural Impacts

- Soil moisture values are typical for this time of year.

Calculated Soil Moisture Ranking Percentile
AUG 28, 2024



Crop Moisture Index by Division
Weekly Value for Period Ending AUG 24, 2024
Short Term Need vs. Available Water in a Shallow Soil Profile





Fire Hazard Impacts

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

- On windy and dry days fire weather will be a concern.

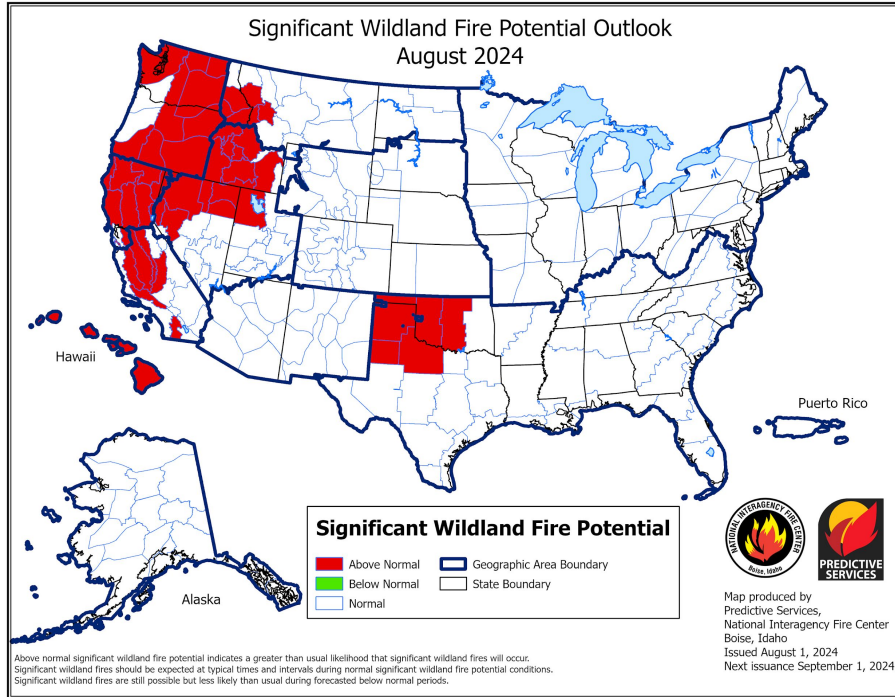


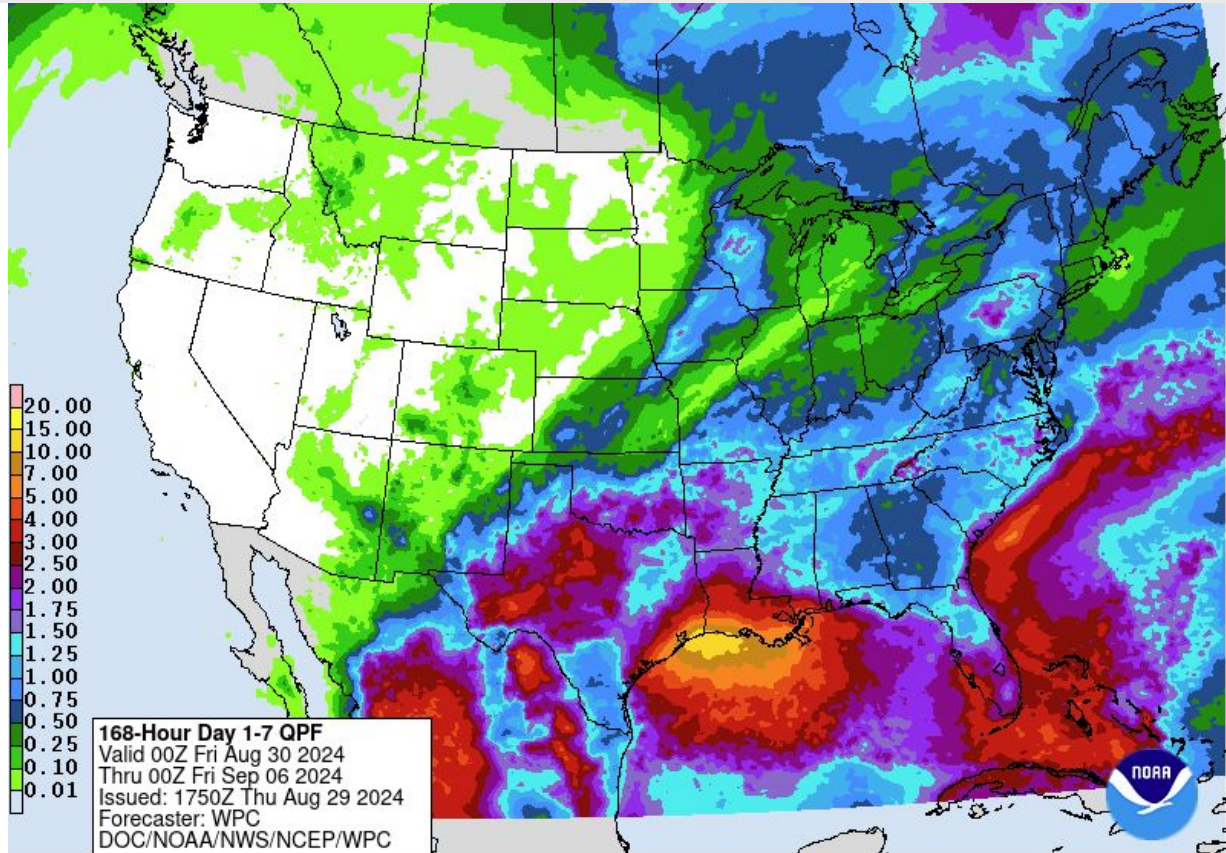
Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for August 2023





Seven Day Precipitation Forecast

- Widespread rains will occur tonight (Thursday night), but dry weather is forecast starting Friday 30 August.





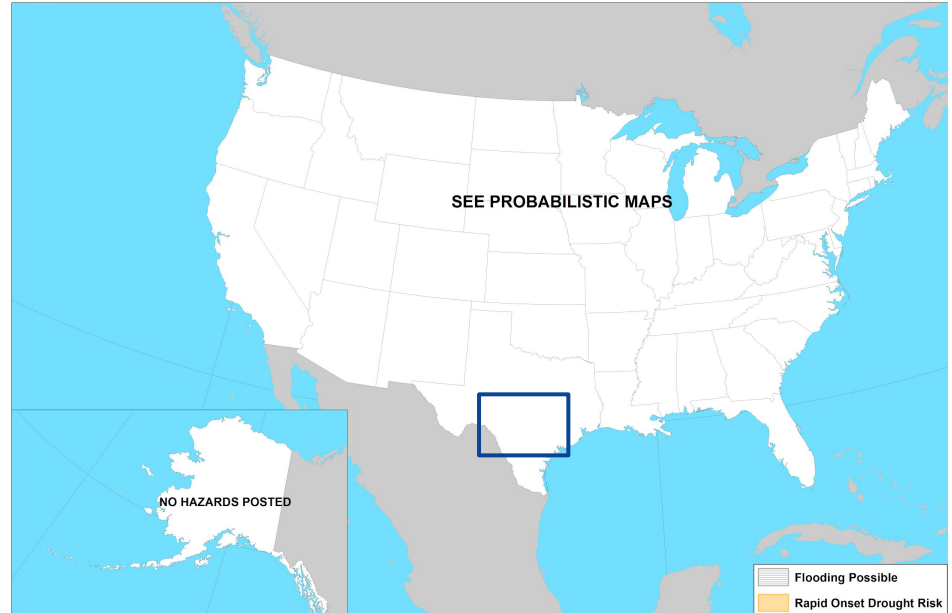
Rapid Onset Drought Outlook

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

- Not applicable.



Day 8-14 U.S. Hazards Outlook
Valid: 11/11/2023-11/17/2023



Climate Prediction Center
Made: 11/03/2023 3PM EDT

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

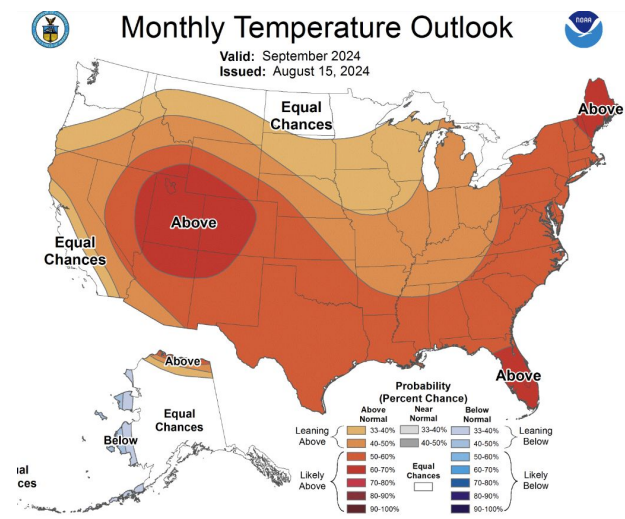
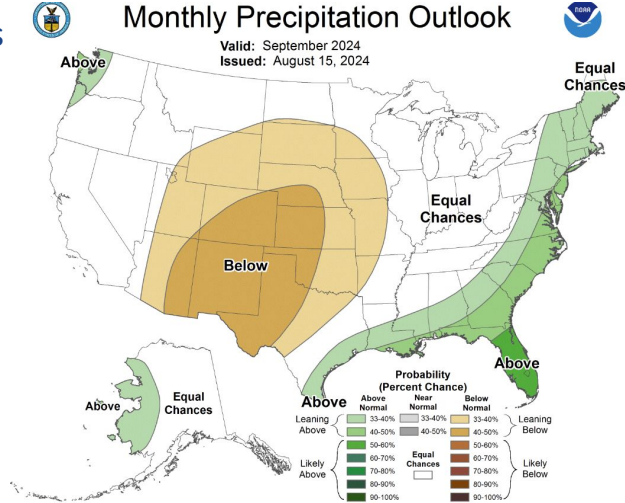




Long-Range Outlooks

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

- Below average precipitation is forecast for September.
- Above average temperatures are expected for September.





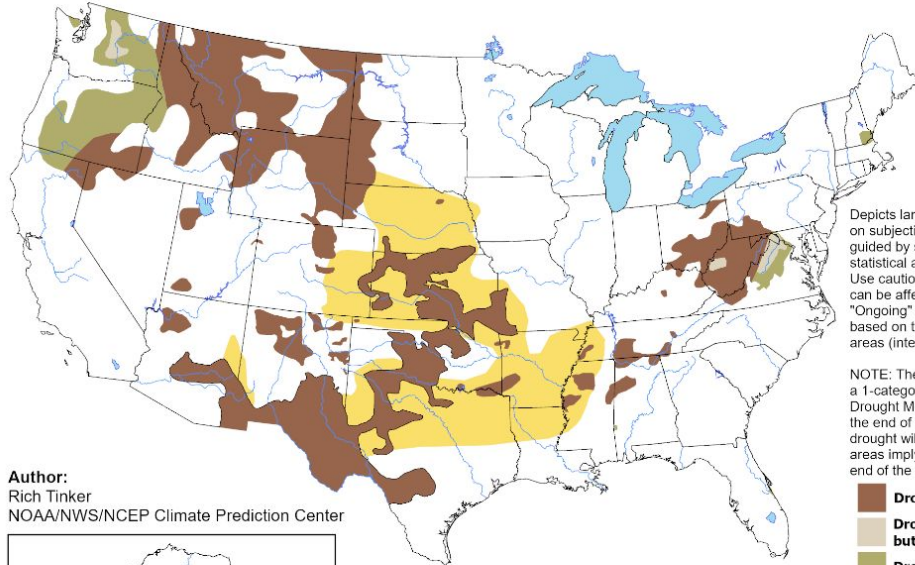
Drought Outlook

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

- Small areas of D1/D2 drought will persist and could become more widespread.

U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period

Valid for August 15 - November 30, 2024
Released August 15, 2024

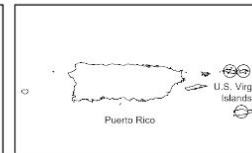
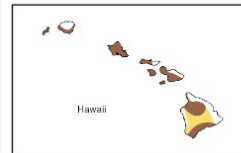


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

- Drought persists
- Drought remains, but improves
- Drought removal likely
- Drought development likely
- No drought

Author:
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NOAA/NWS/NCEP Climate Prediction Center



<https://go.usa.gov/3eZ73>

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
[Dodge City]