



# Drought Information Statement for Central and Southwest Kansas

Valid April, 26, 2024

Issued By: WFO Dodge City

Contact Information:

- This product will be updated monthly during episodes 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.
- 
- Drought is beginning to be a problem again across central and southwest Kansas.



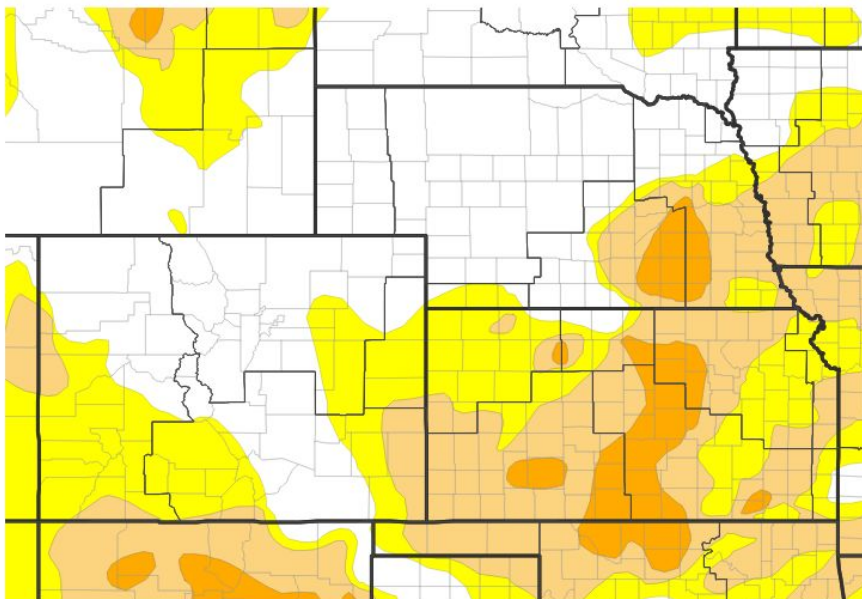


# U.S. Drought Monitor

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

- Drought was worsening and expanding across central and southwest Kansas.
- Drought intensity and Extent
  - D2 (Severe Drought): Ford, Gray, Pratt, Barber and Stafford counties.
  - D1 (Moderate Drought): Most of southwestern Kansas.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 04/23/24



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

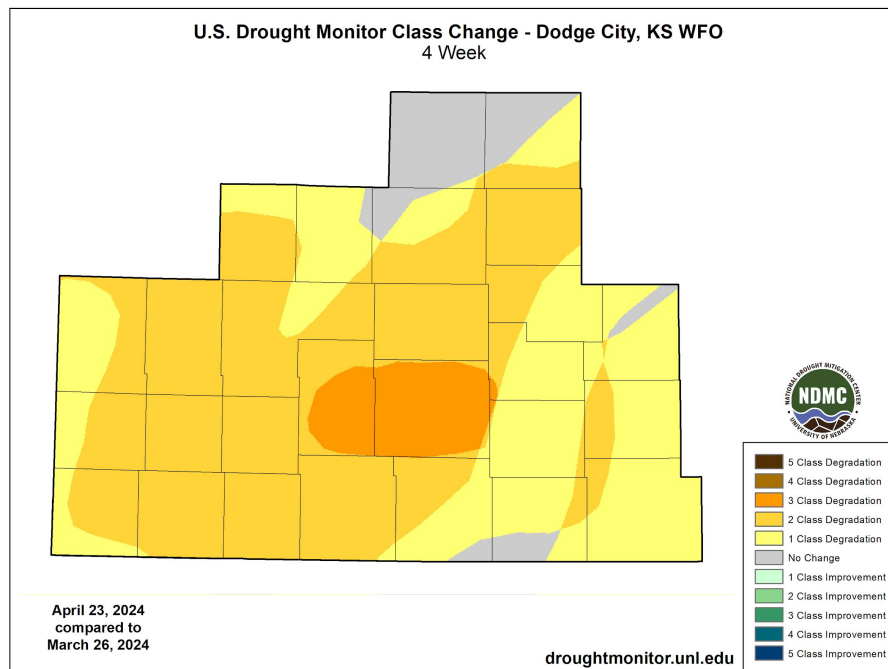
National Weather Service  
[Dodge City]



# Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change.
  - Drought Worsened: Most of central and southwestern Kansas.
  - No Change: Trego county.
  - Drought Improved: None.

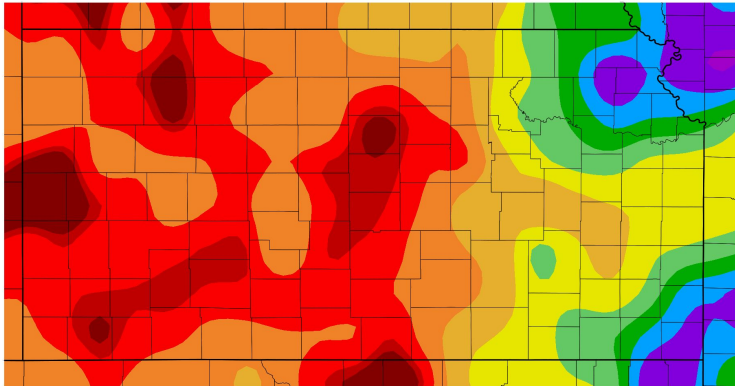




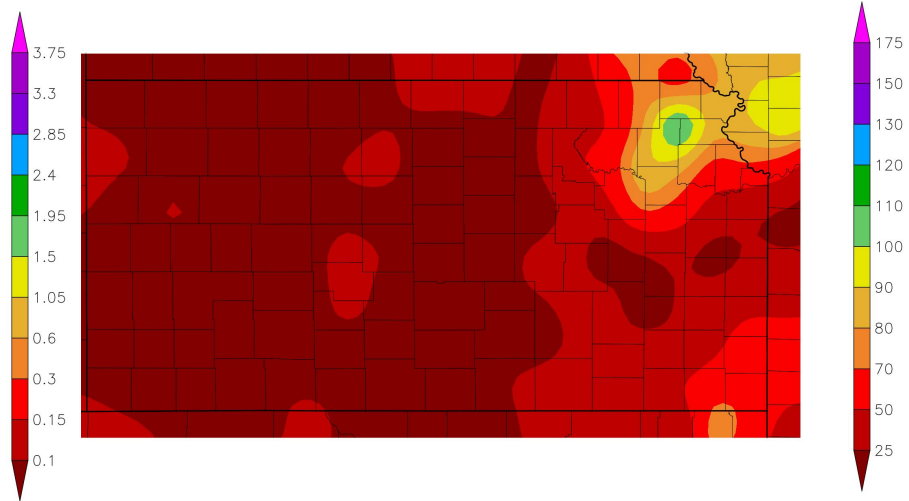
# Precipitation

- It was much drier than average last month.

Precipitation (in)  
3/26/2024 – 4/24/2024



Percent of Normal Precipitation (%)  
3/26/2024 – 4/24/2024



Generated 4/25/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers generated 4/25/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers



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

**National Weather Service**  
[Dodge City]

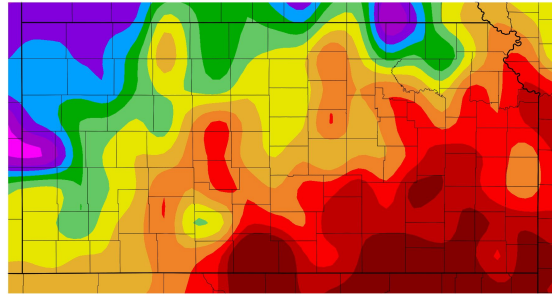




# Temperature

- Temperatures were warmer than average across most of central and southwestern Kansas.

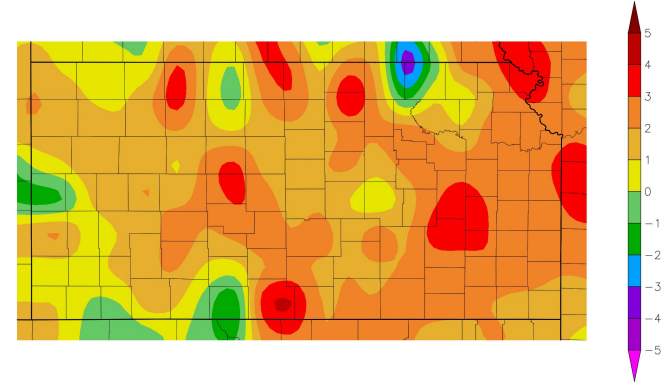
Temperature (F)  
3/26/2024 – 4/24/2024



Generated 4/25/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers

Departure from Normal Temperature (F)  
3/26/2024 – 4/24/2024



Generated 4/25/2024 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

- The wheat crop is being negatively affected.

## Fire Hazard Impacts

- None

## Other Impacts

- None.

## Mitigation Actions

- None reported.

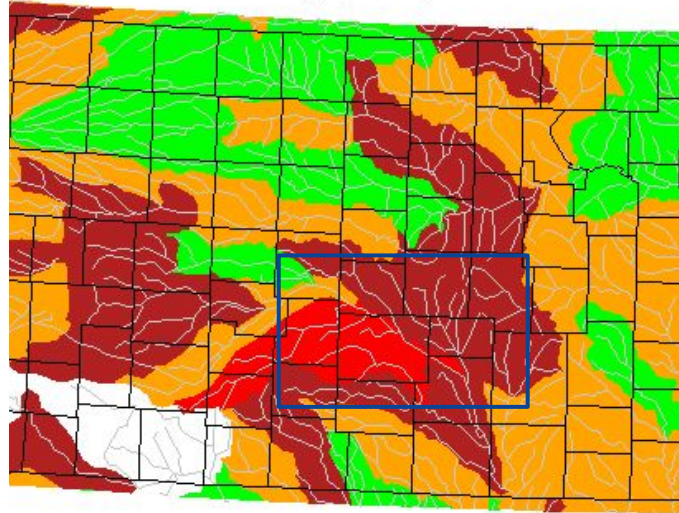




# Hydrologic Conditions and Impacts

- Most of the area has been reporting below normal streamflow.

Wednesday, April 24, 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		

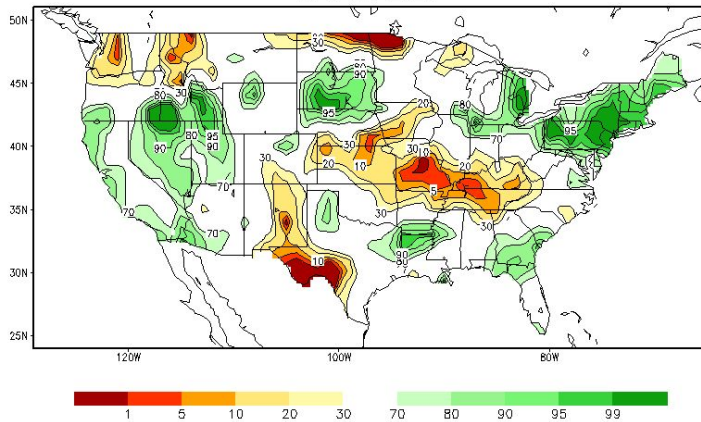
Image Caption: USGS 7 day average streamflow HUC map valid 10 12 2023



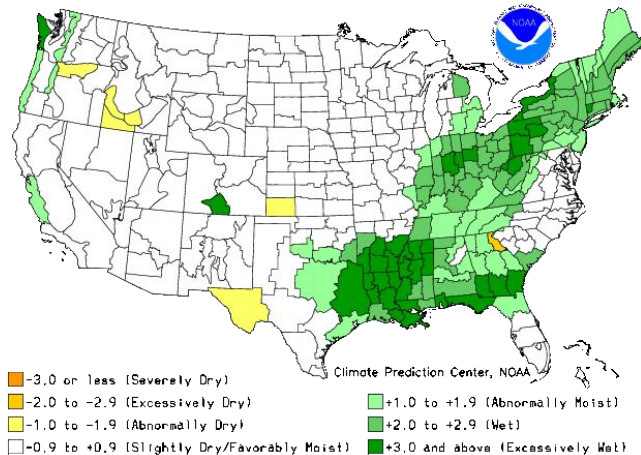
# Agricultural Impacts

- The wheat crop is beginning to be negatively affected.

Calculated Soil Moisture Ranking Percentile  
APR 24, 2024



Crop Moisture Index by Division  
Weekly Value for Period Ending APR 20, 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.

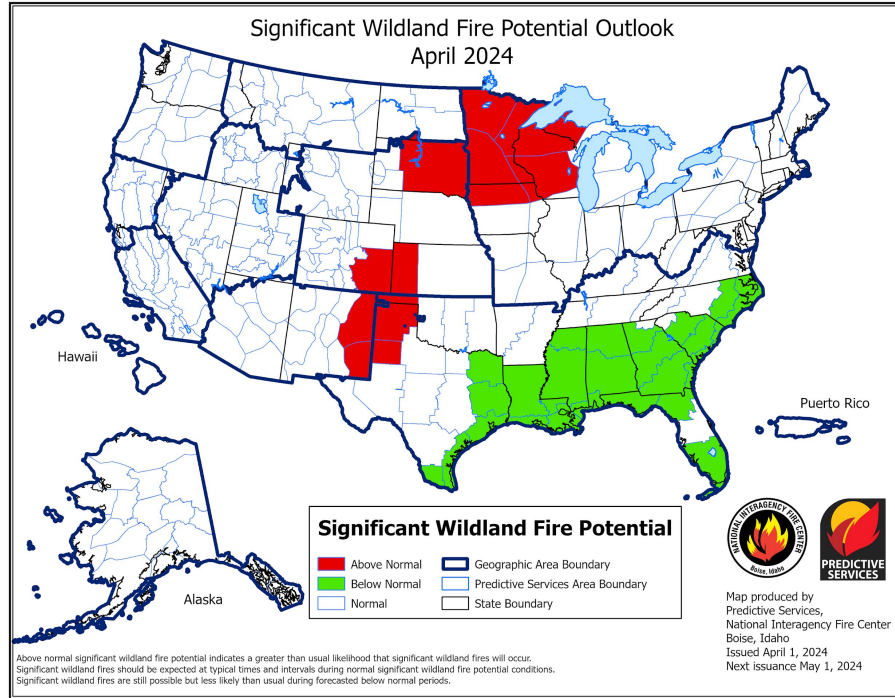


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for August 2023



National Oceanic and  
Atmospheric Administration

U.S. Department of Commerce

National Weather Service  
[Dodge City]





# Seven Day Precipitation Forecast

- Scattered thunderstorms are expected over the next week over central Kansas. But no widespread, general rains are predicted.

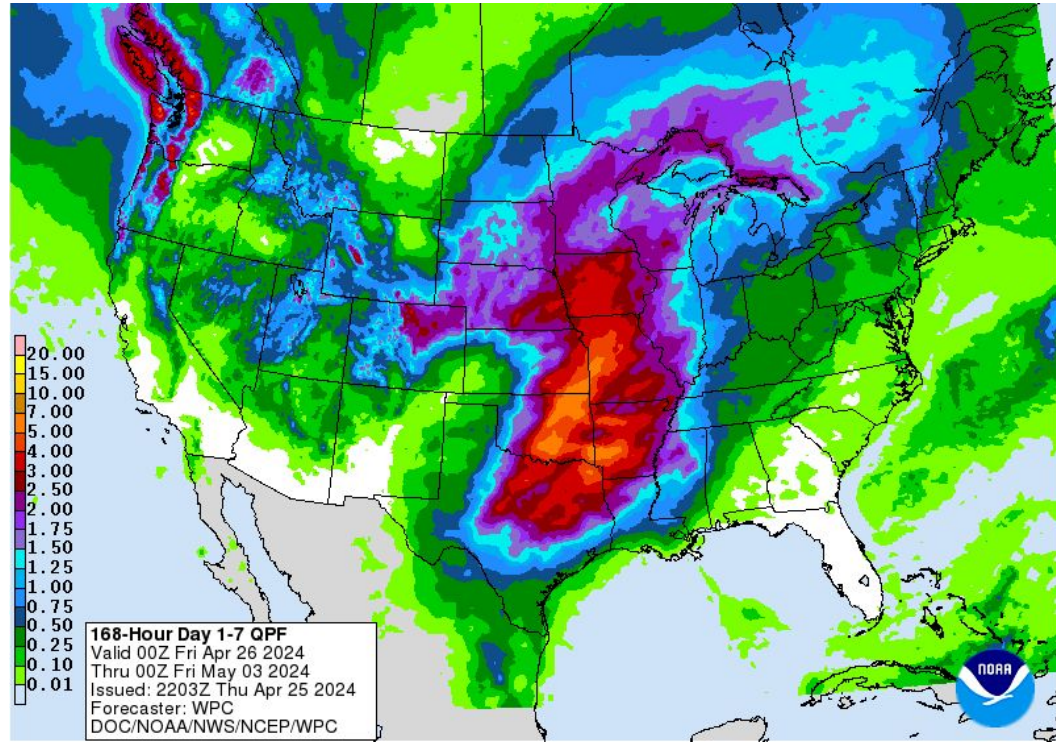


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Friday September 29 to Thursday October 6







# Rapid Onset Drought Outlook

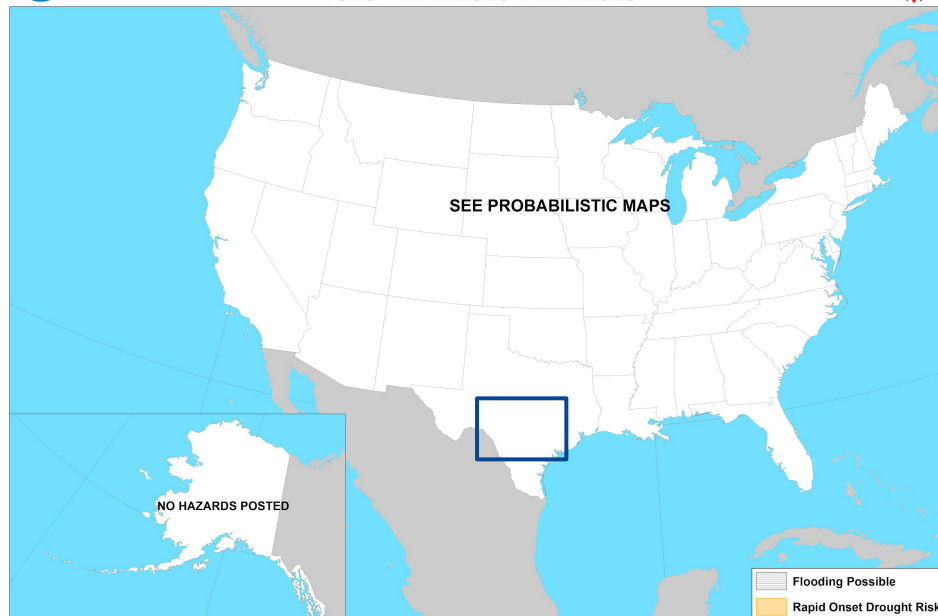
Links to the latest Climate Prediction Center 8 to 14 day [Temperature Outlook](#) and [Precipitation Outlook](#).

- 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](http://www.cpc.ncep.noaa.gov)



National Oceanic and  
Atmospheric Administration

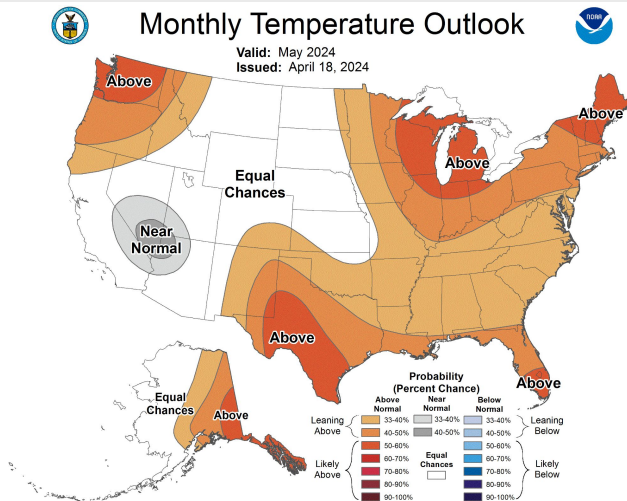
U.S. Department of Commerce

National Weather Service  
[Dodge City]



- Monthly and seasonal forecasts have low predictability since we are in the rain shadow of the Rockies. We are beginning the time of year when precipitation comes in the form of isolated to scattered thunderstorms instead of widespread, general rains.

- The outlook calls for above normal to equal chance temperatures and above normal to equal chance precipitation.





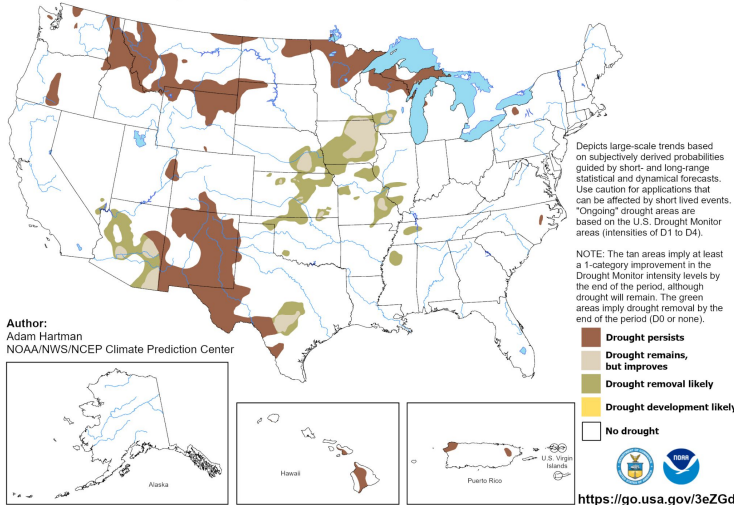
# Drought Outlook

The latest monthly and seasonal outlooks can be found on the [CPC homepage](https://www.cpc.ncep.noaa.gov)

- The monthly and seasonal outlooks are for drought improvement.

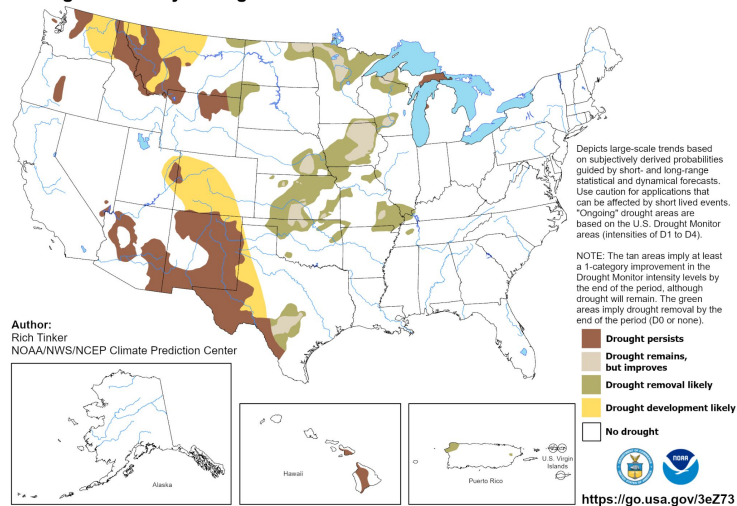
## U.S. Monthly Drought Outlook Drought Tendency During the Valid Period

Valid for April 2024  
Released March 31, 2024



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

Valid for April 18 - July 31, 2024  
Released April 18, 2024



Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](https://www.cpc.ncep.noaa.gov/monthly_drought_outlook)

[Climate Prediction Center Seasonal Drought Outlook](https://www.cpc.ncep.noaa.gov/seasonal_drought_outlook)



National Oceanic and  
Atmospheric Administration

U.S. Department of Commerce

National Weather Service  
[Dodge City]