



# Drought Information Statement for Southern Indiana and Central Kentucky

Valid September 25, 2025

Issued By: WFO Louisville KY

Contact Information: [nws.louisville@noaa.gov](mailto:nws.louisville@noaa.gov)

- This product will be updated once a month or more frequently if drought conditions change significantly.
  - Please see all currently available products at <https://drought.gov/drought-information-statements>.
  - Please visit <https://www.weather.gov/lmk/DroughtInformationStatement> for previous statements.
  - Please visit <https://www.drought.gov/drought-status-updates/> for regional drought status updates.
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- The September 25 Drought Monitor introduced Severe Drought (D2) in a small portion of central KY.
  - Mostly status quo from last week, though this week's rainfall should ameliorate drought conditions for next week's Drought Monitor.

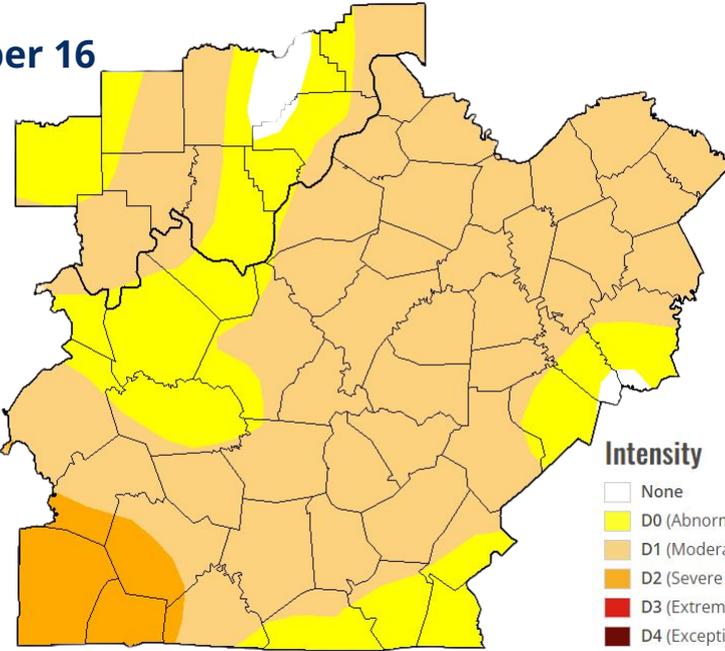




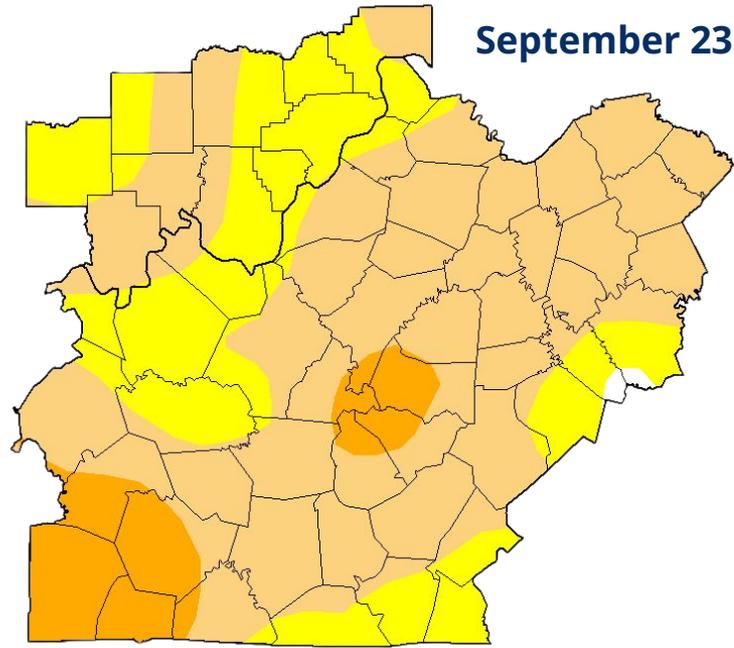
# U.S. Drought Monitor

U.S. Drought Monitor: Two Week Comparison

September 16



September 23



### Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)

Week	None	D0-D4	D1-D4	D2-D4
2025-09-23	0.33	99.67	70.96	10.33
2025-09-16	1.58	98.42	74.07	6.16





# Recent Change in Drought Intensity

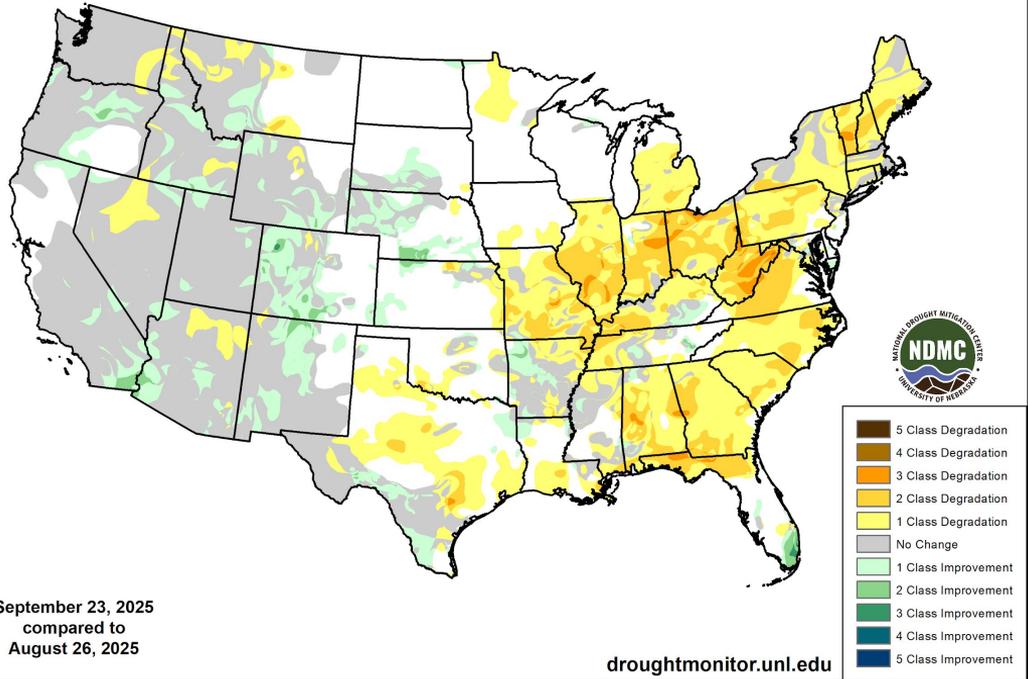
Link to the latest [class change maps](#) for the U.S.

Considerable worsening of drought conditions had occurred across the region over the past 4 weeks.

Across central Kentucky and southern Indiana, drought degradation of between 1 and 2 classes has occurred.

Look for improvements after this week's rainfall.

U.S. Drought Monitor Class Change - CONUS  
4 Week



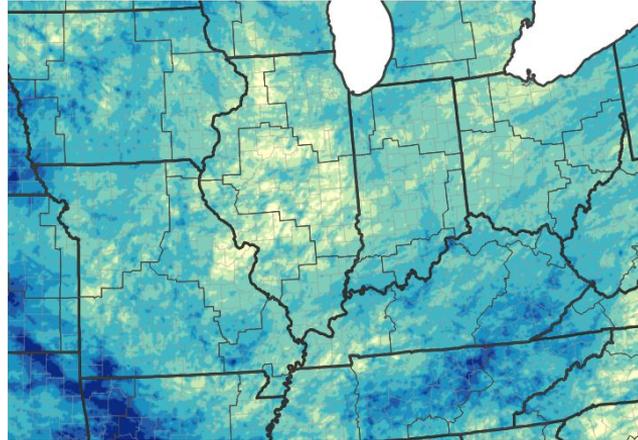


# 30-Day Precipitation

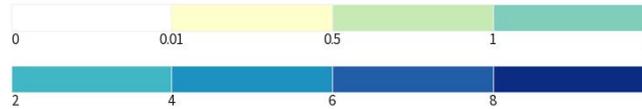
Precipitation totals and departures from normal

- Below normal rainfall has been experienced across much of the area over the past 30 days.

30-Day Precipitation Accumulations (Inches)



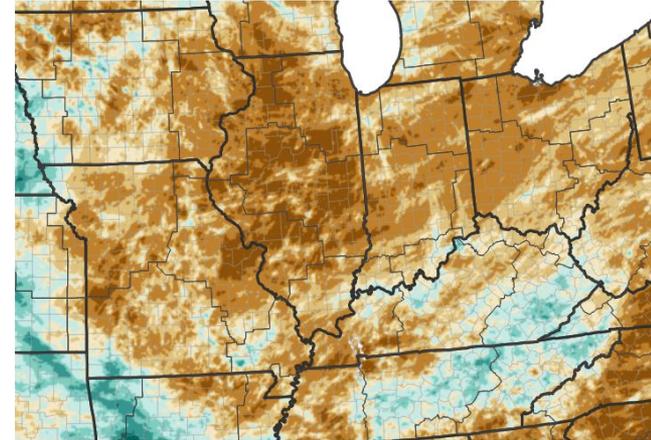
Inches of Precipitation



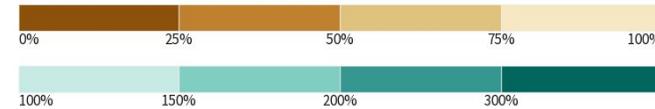
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 09/24/25

30-Day Percent of Normal Precipitation



Precipitation Shown as a Percentage of Normal Conditions



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

Last Updated: 09/24/25



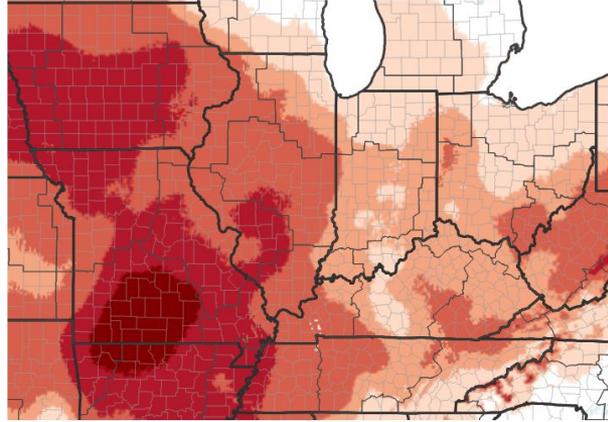


# Temperature

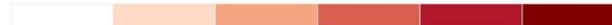
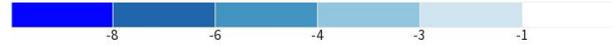
## Temperature Anomalies

- Above normal temperatures have been experienced across the region over the past month and the past week.

7-Day Temperature Anomaly



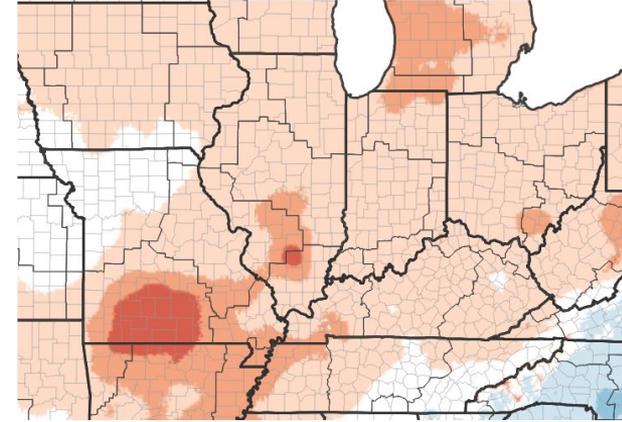
Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 08/22/25

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: 08/22/25





# Summary of Impacts

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

## Hydrologic Impacts

- While many streamflows remain normal, there are several USGS gauges showing below-normal flows in central Kentucky.

## Agricultural Impacts

- Current crop report depicts 82% of topsoil and 84% of subsoil in Kentucky rated as short or very short for soil moisture. This is a degradation of 4% for topsoil and 3% for subsoil over the past week.
- Crop and pasture conditions continue to decline. According to the USDA Crop Report, 43% of corn and 30% of soybeans were rated as good to excellent. Pasture conditions reported at 17% as being good or excellent. *Source: KY Division of Water*

## Fire Hazard Impacts

- 11 central Kentucky counties and 1 southern Indiana county have burn bans in place.

## Other Impacts

- None at this time.

## Mitigation Actions

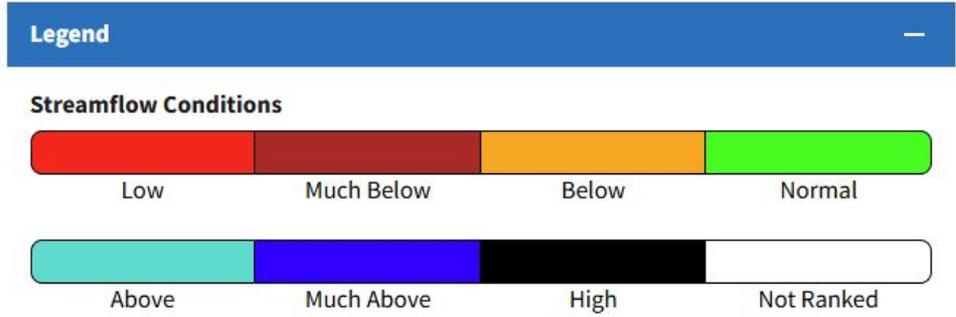
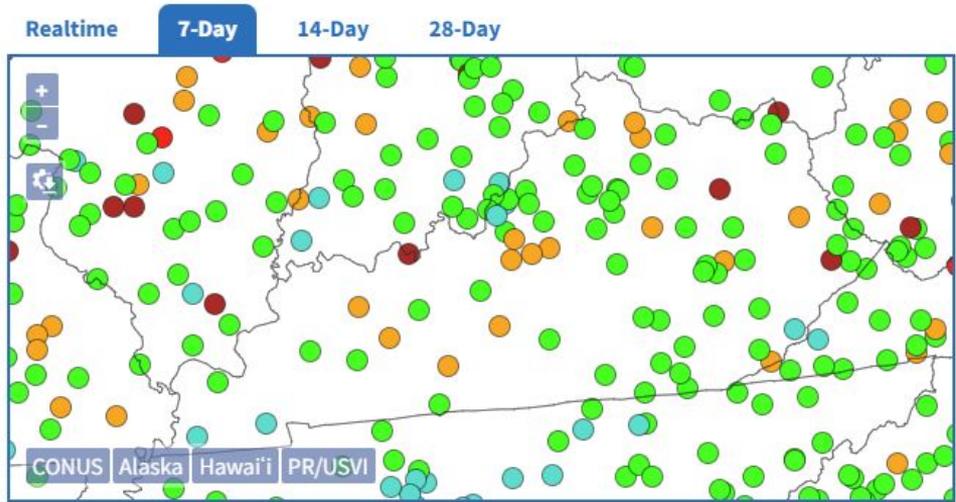
- None at this time.





# Hydrologic Conditions and Impacts

- While many streams are reporting normal flows, several streams are now reporting below normal in central Kentucky.

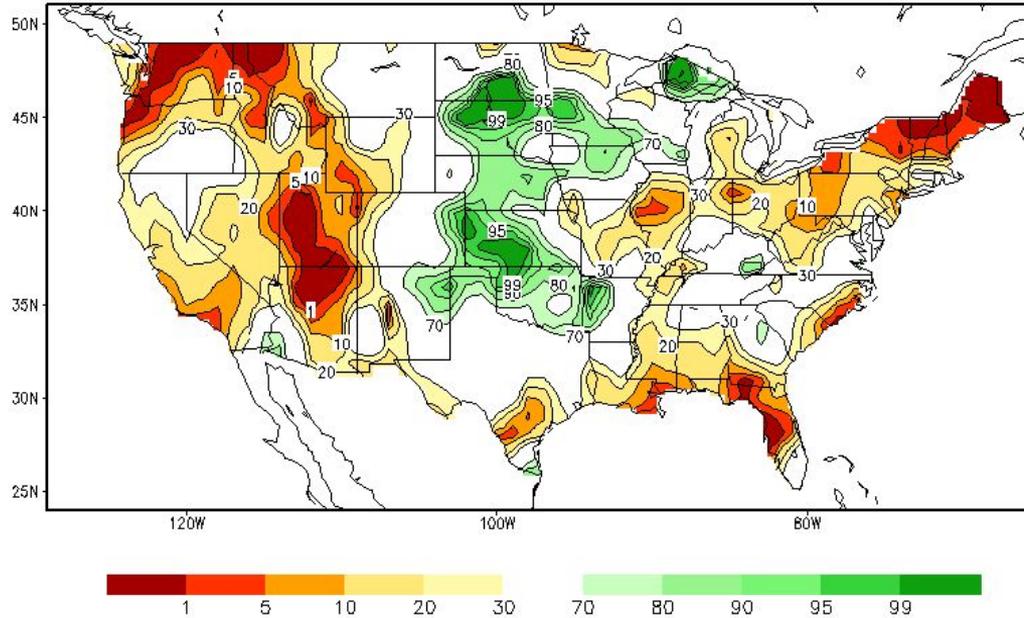




# Agricultural Impacts

<https://www.cpc.ncep.noaa.gov/soilmst/img/curr.w.rank.daily.gif>

Calculated Soil Moisture Ranking Percentile  
SEP 24, 2025



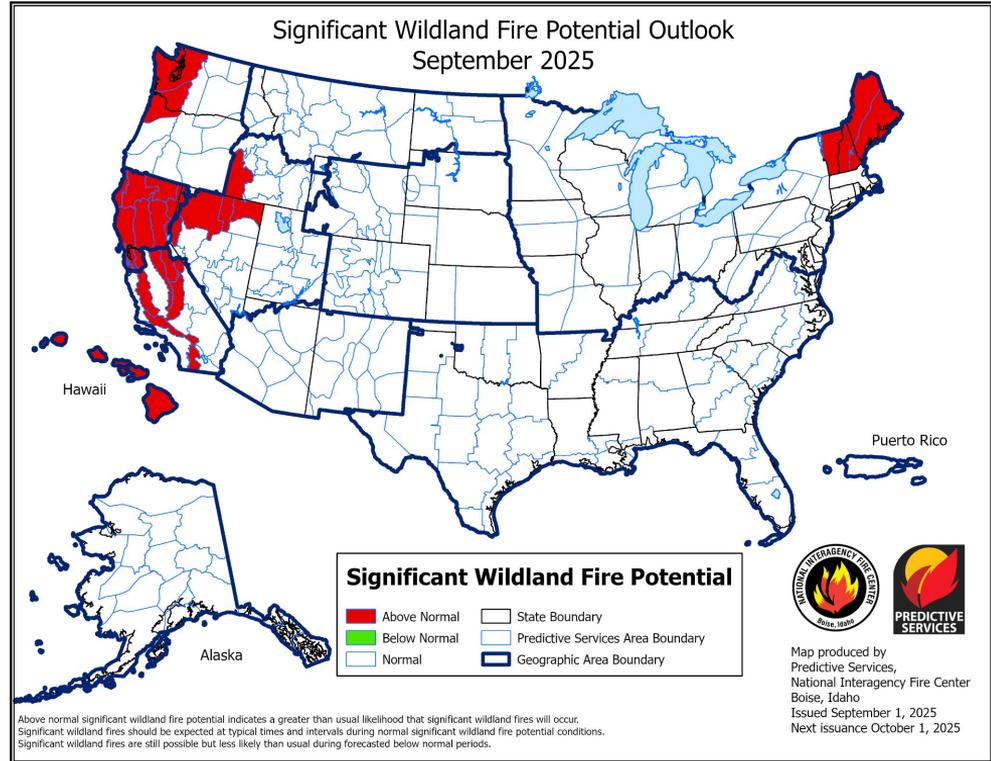


# Fire Hazard Impacts

<https://www.nifc.gov/nicc/predictive-services/outlooks>

- In central Kentucky, the following counties have instituted a burn ban\*:
  - Bourbon, Clark, Franklin, Harrison, Jessamine, LaRue, Logan, Scott, Shelby (until 9/26), Warren, and Washington
- In southern Indiana, the following counties have instituted a burn ban\*:
  - Jefferson

\*As of 09/25/25

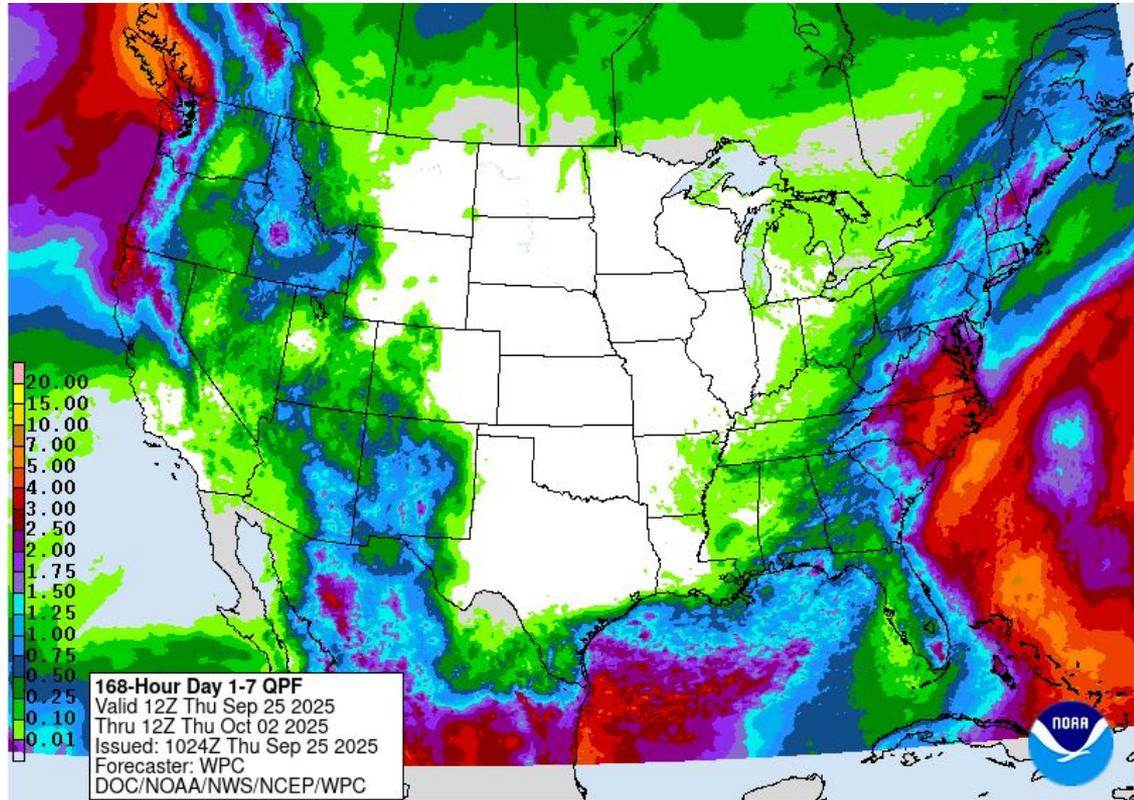




# Seven Day Precipitation Forecast

WPC

- Mostly dry weather is expected for the next week, with only small showers possible mainly in the Bluegrass region and eastern KY.
- A tropical disturbance in the Atlantic may make landfall, which could bring some rainfall to the region midweek.

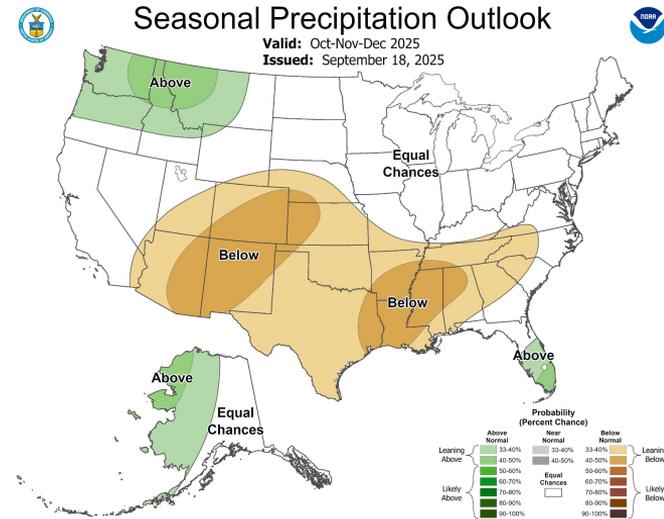
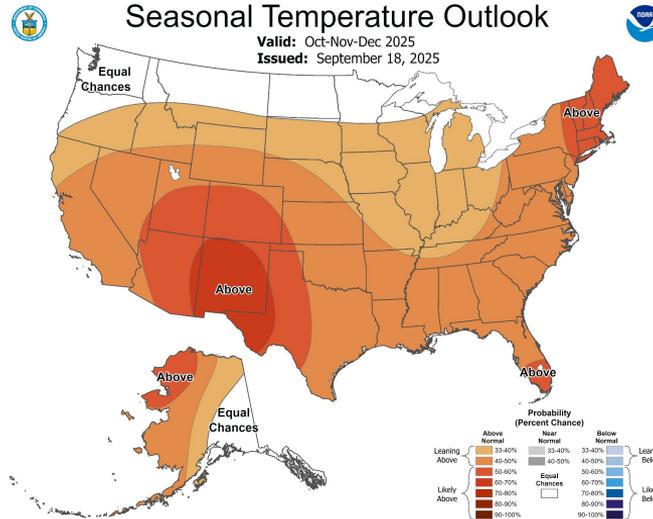




# Long-Range Outlooks

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

- Odds are slightly favoring an overall warmer than normal October-December period.
- There are equal chances for above, near, and below normal precipitation over the next three months for most of Kentucky and Indiana, with odds slightly favoring below normal precipitation over the Tennessee Valley.





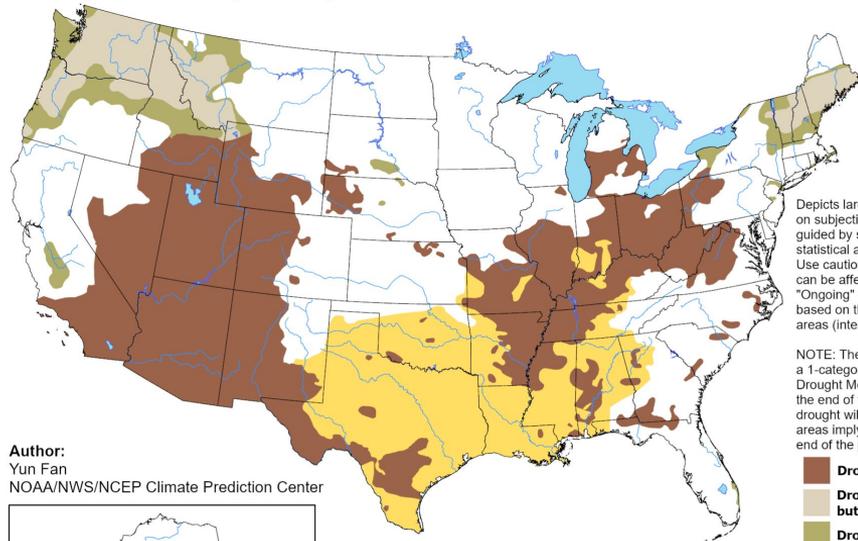
# Drought Outlook

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

- This week's rainfall will likely result in widespread improvements across the region, though some drought conditions are likely to persist.
- The next Seasonal Drought Outlook will be issued on October 16th.

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

Valid for September 18 - December 31, 2025  
Released September 18, 2025

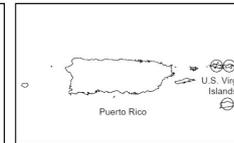
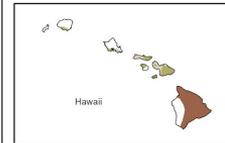


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to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

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<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  
WFO Louisville, KY