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Tennessee Climate Office Weekly Drought Summaries

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3-5-2024

### 2024 March 5 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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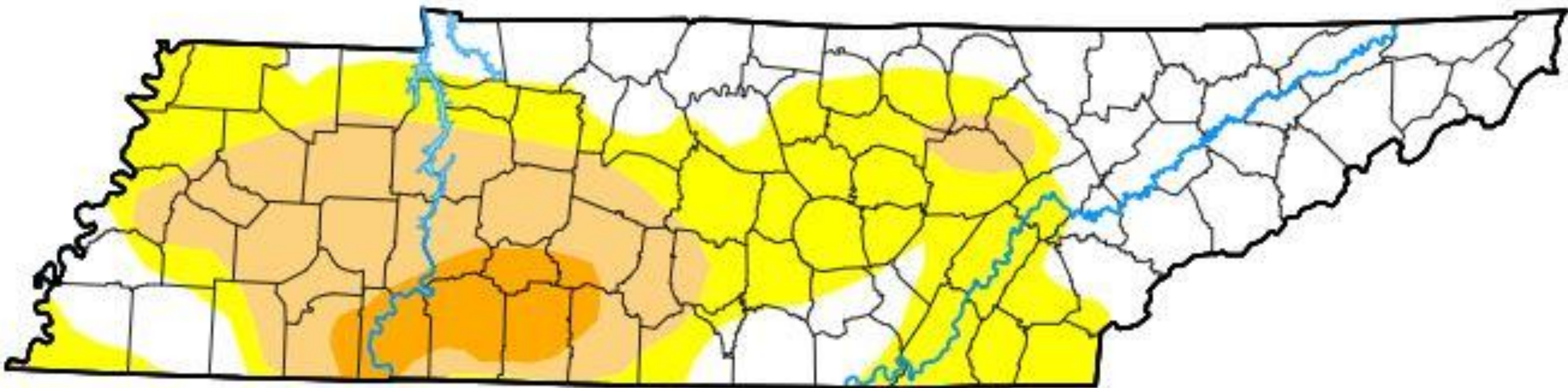
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# Tennessee Drought Update

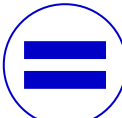
For the assessment period ending March 5th, 2024

## This Week's Drought Monitor of Tennessee Map

From the US Drought Monitor, authored by Curtis Riganti, NDMC with input from the Tennessee Climate Office

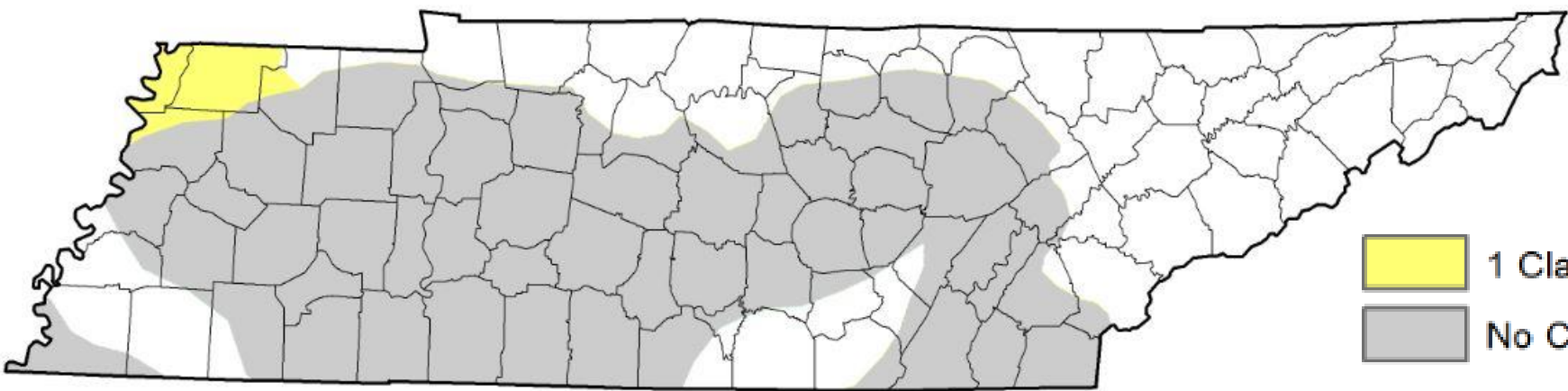


Lack of significant rainfall has led to abnormally dry conditions developing in northwest Tennessee



D0 – D2 conditions persist across West and Middle Tennessee, and the Cumberland Plateau

### Change Since Last Week



1 Class Degradation  
No Change

A product of the Tennessee Climate Office  
[www.etsu.edu/tn-climate](http://www.etsu.edu/tn-climate)



## Statewide Condition Summary

**What's Changed?** Drought conditions continue to persist across the majority of the state this week; however, northwest Tennessee has started drying out due to the lack of rainfall and the fast draining soils of the region. The system that brought 1 – 2 inches of rainfall across the TN-KY border over the past week (Tuesday to Tuesday) seemed to miss the northwest corner of Tennessee. Soil moisture saw another decrease since last week across the majority of the state. Streamflow rates are also continuing to decrease, predominately across the western and southern regions of Tennessee.

**What's New?** D0 areas have expanded across Lake, Dyer and Obion county.

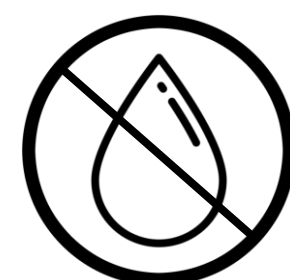
**What's Next?** Over the next 7 days, forecasts are predicting some much-needed rainfall across the state. The heaviest rainfall (1.5 – 2 inches) is predicted to fall over Middle and West Tennessee and the Cumberland Plateau.

## Statewide Coverage By Category

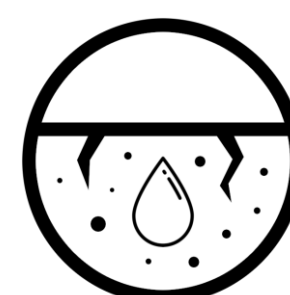
Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	32.55%	+2.33%
D1: Moderate Drought	21.41%	0%
D2: Severe Drought	5.7%	0%
D3: Extreme Drought	0%	0%
D4: Exceptional Drought	0%	0%



# Icon Library



No Precipitation



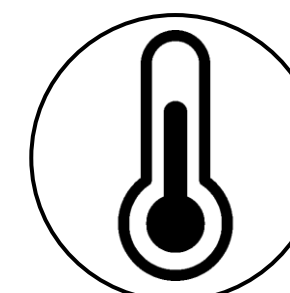
Increasing drought conditions



Rivers and Streams



Precipitation



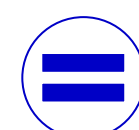
Temperatures



Improvement



A mixture of improving and worsening conditions



No Change



Worsening conditions



Hurricane/Tropical storm

