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Tennessee Climate Office Weekly Drought Summaries

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5-23-2024

### 2024 May 23 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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Tennessee Climate Office, East Tennessee State University, "2024 May 23 - Tennessee Weekly Drought Summary" (2024). *Tennessee Climate Office Weekly Drought Summaries*. 86.  
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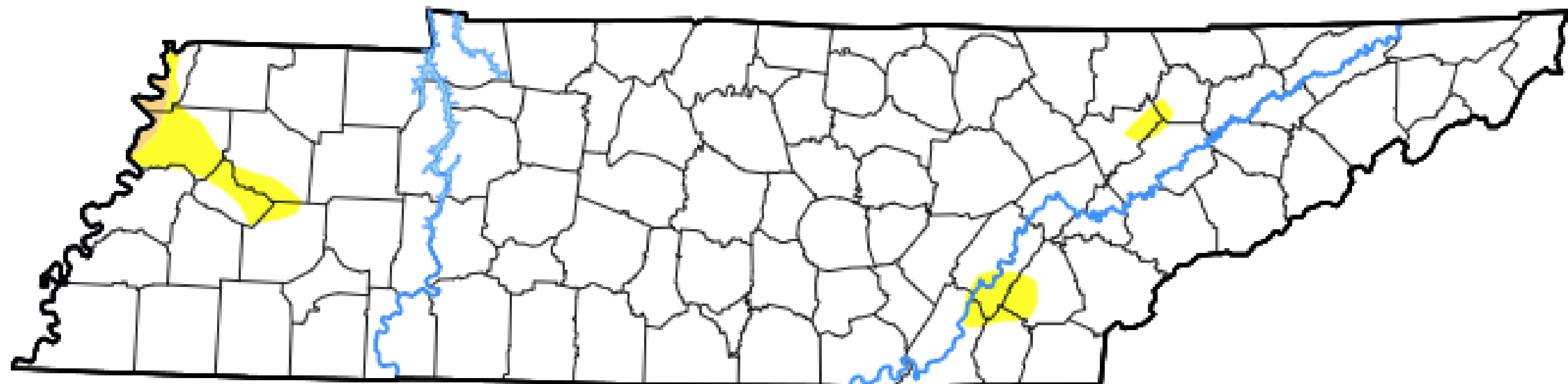
# Tennessee Drought Update

For the assessment period ending May 23rd, 2024

## Statewide Condition Summary

### This Week's Drought Monitor of Tennessee Map

*From the US Drought Monitor, authored by David Simeral, WRCC with input from the Tennessee Climate Office*



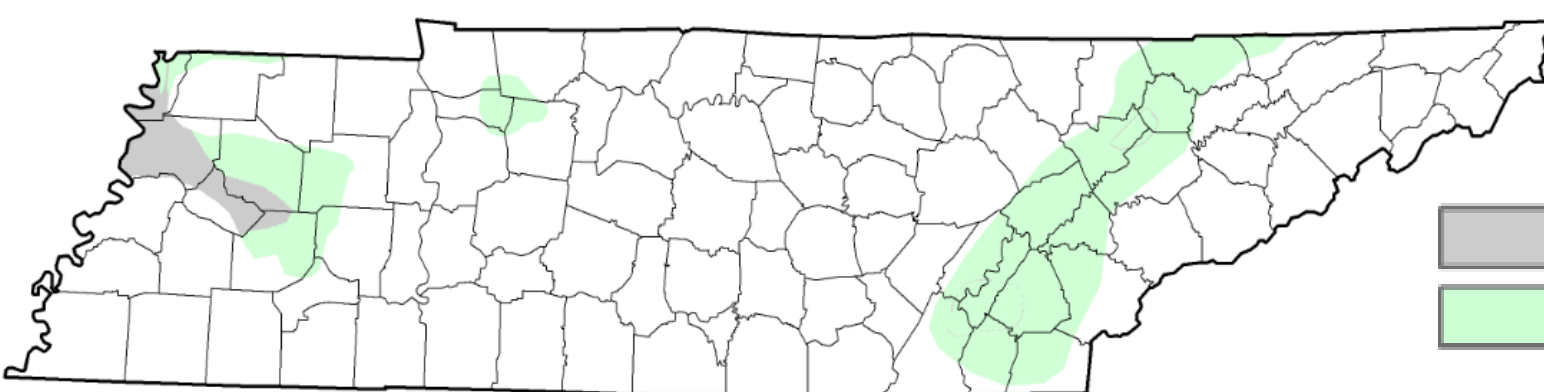
Recent rainfall has led to improving conditions across West and East Tennessee

**What's Changed?** This week, Tennessee saw most of the recorded rainfall across West Tennessee, which brought monthly totals up to near normal amounts. This rainfall has significantly improved conditions in both West and East Tennessee. Soil moisture is well above normal; however, there is a drying trend across parts of Middle Tennessee and the Cumberland Plateau. Streamflow rates are near or above-normal across the state.

**What's New?** D0 has been reduced in Madison, Carroll, Dyer, and Gibson counties as well as in multiple counties in East Tennessee. D1 to D0 improvements have been made in several East Tennessee counties.

**What's Next?** Over the next 7 days, forecasts are predicting another round of significant rainfall across Tennessee. The majority of the state is predicted to receive 1.5 – 2 inches. This rainfall may be enough to remove the pockets abnormally dry conditions in Tennessee.

### Change Since Last Week



No Change  
 1 Class Improvement

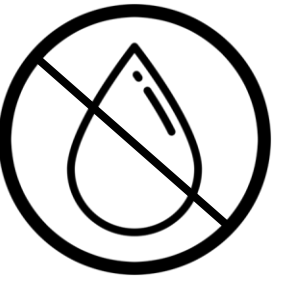
A product of the Tennessee Climate Office  
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### Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	2.79%	-11.52%
D1: Moderate Drought	0.28%	-1.05%
D2: Severe Drought	0%	0%
D3: Extreme Drought	0%	0%
D4: Exceptional Drought	0%	0%

# Icon Library



No Precipitation



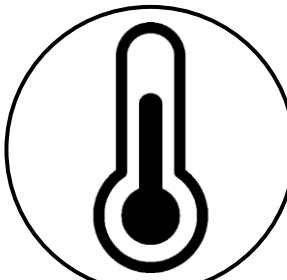
Increasing drought conditions



Rivers and Streams



Precipitation



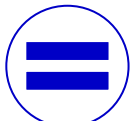
Temperatures



Improvement



A mixture of improving and worsening conditions



No Change



Worsening conditions



Hurricane/Tropical storm

- 5 Class Degradation
- 4 Class Degradation
- 3 Class Degradation
- 2 Class Degradation
- 1 Class Degradation
- No Change
- 1 Class Improvement
- 2 Class Improvement
- 3 Class Improvement
- 4 Class Improvement
- 5 Class Improvement