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Tennessee Climate Office Weekly Drought Summaries

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8-15-2024

### 2024 August 15 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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# Tennessee Drought Update

For the assessment period ending August 13th, 2024

# Statewide Condition Summary

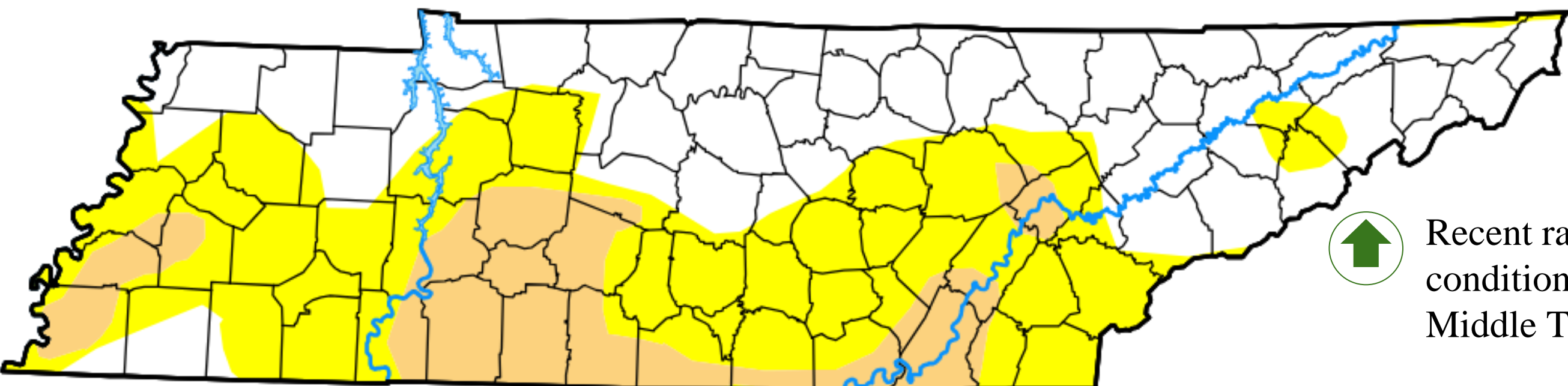
## This Week's Drought Monitor of Tennessee Map

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

**What's Changed?** The rainfall Tennessee received this week predominately fell across Middle and East Tennessee, with some areas of West Tennessee receiving no rainfall for the week. This has led to improving conditions across the eastern portion of the state, persisting conditions across Middle Tennessee, while western regions have continued to dry back out.

**What's New?** 1 category degradation has been applied to western areas and in portions of Cumberland, Roane, and Morgan counties. Slight improvements have been made in Putnam, Overton, and Fentress counties.

**What's Next?** Forecasts are predicting marginal rainfall of between 0 – 2 inches across the state over the next week.

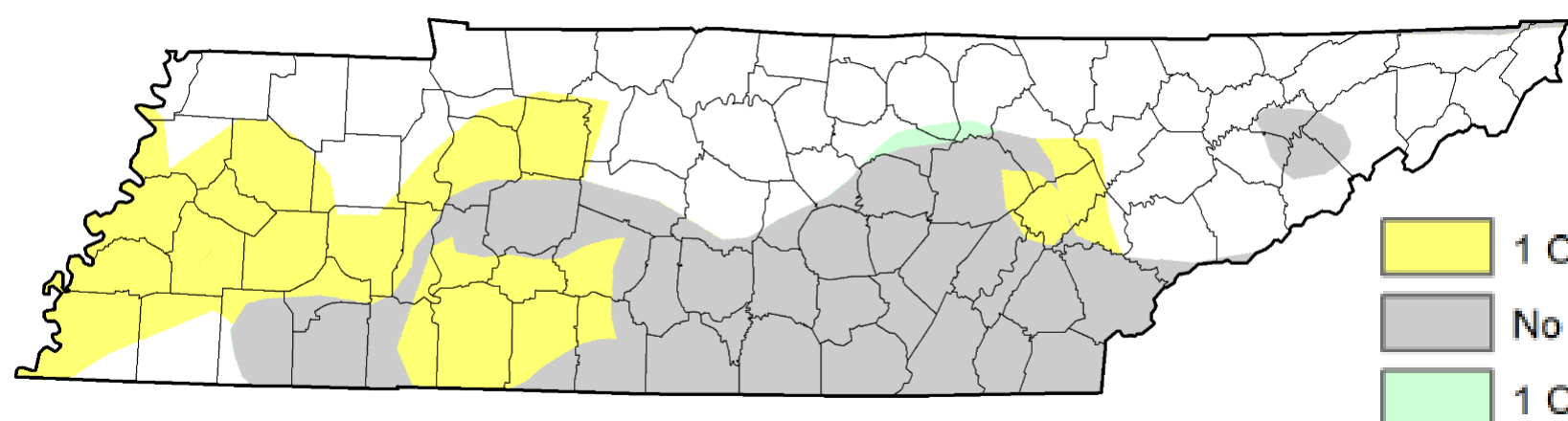


↑ Recent rainfall has led to improving conditions across small portions of Middle Tennessee

↓ Lack of rainfall has led to worsening conditions across portions of West and Middle Tennessee

⊞ Marginal rainfall has led to persisting conditions across portions of West, Middle, East Tennessee

## Change Since Last Week



1 Class Degradation  
 No Change  
 1 Class Improvement

## Statewide Coverage By Category

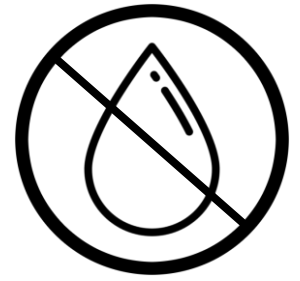
Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	39.84%	-5.33%
D1: Moderate Drought	16.15%	+8.76%
D2: Severe Drought	0%	-4.00%
D3: Extreme Drought	0%	-0.37%
D4: Exceptional Drought	0%	0%

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# Icon Library



No Precipitation



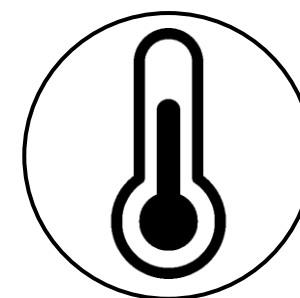
Increasing drought conditions



Rivers and Streams



Precipitation



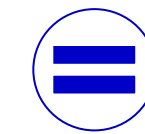
Temperatures



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