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Tennessee Climate Office Weekly Drought Summaries

8-8-2024

2024 August 8 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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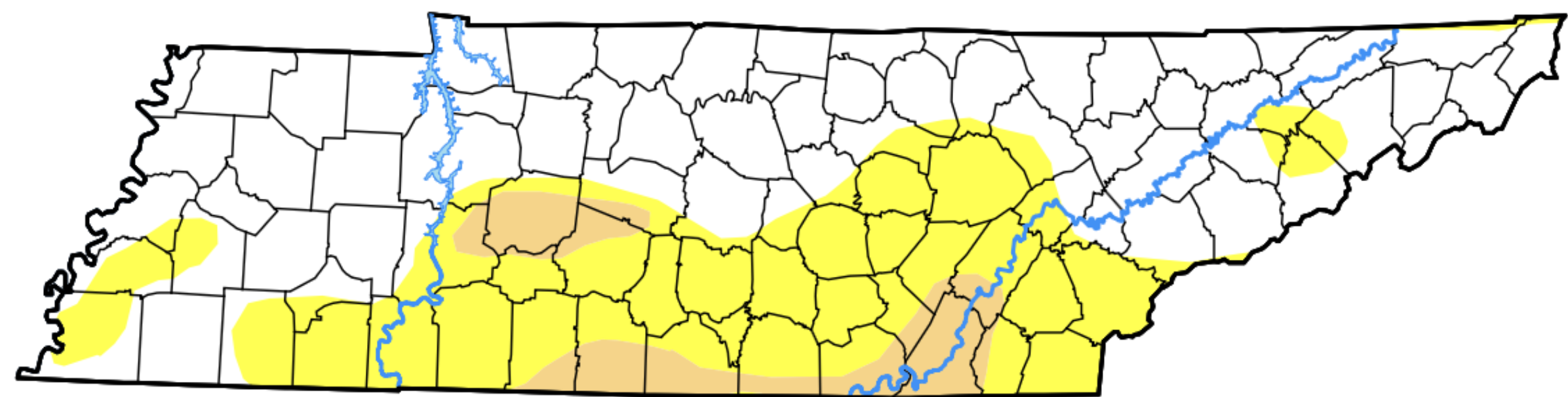
Tennessee Drought Update


For the assessment period ending August 6th, 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



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

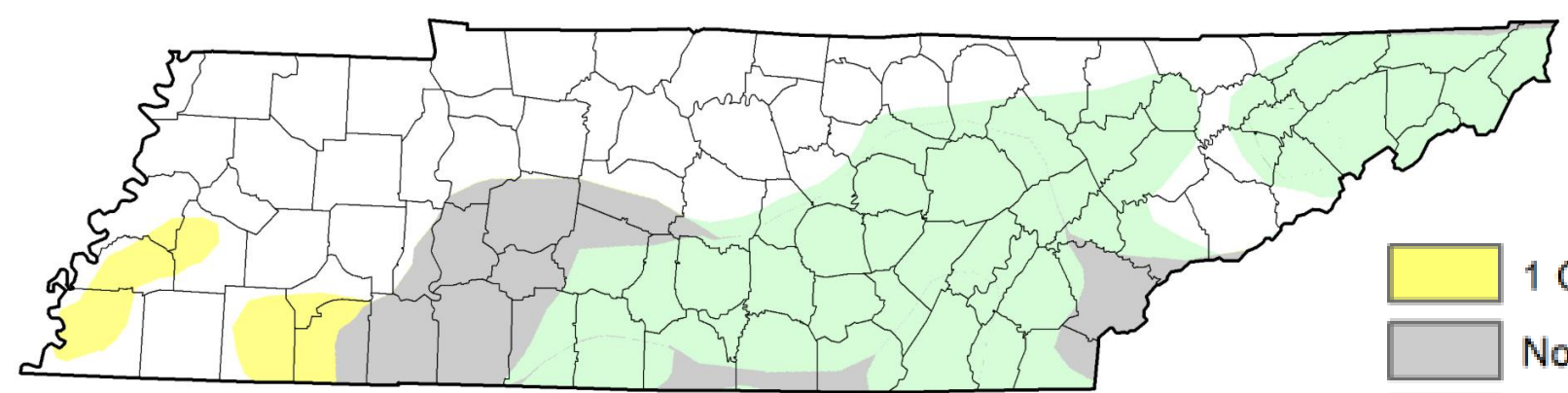
 Recent rainfall has led to improving conditions across portions of East and Middle Tennessee




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 2/3 of the state while western regions have begun to dry back out.

What's New? 1-category improvements have been made across Middle Tennessee, East Tennessee, and the Cumberland Plateau. D0 has been introduced into southwest Tennessee.

What's Next? Forecasts are predicting very little rainfall over the next week. Dry conditions may persist or worsen as a result.

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	34.51%	+11.03%
D1: Moderate Drought	7.39%	-16.62%
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



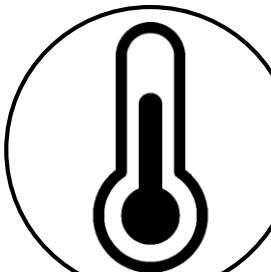
Increasing drought conditions



Rivers and Streams



Precipitation



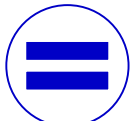
Temperatures



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