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Tennessee Climate Office Weekly Drought Summaries

8-1-2024

2024 August 1 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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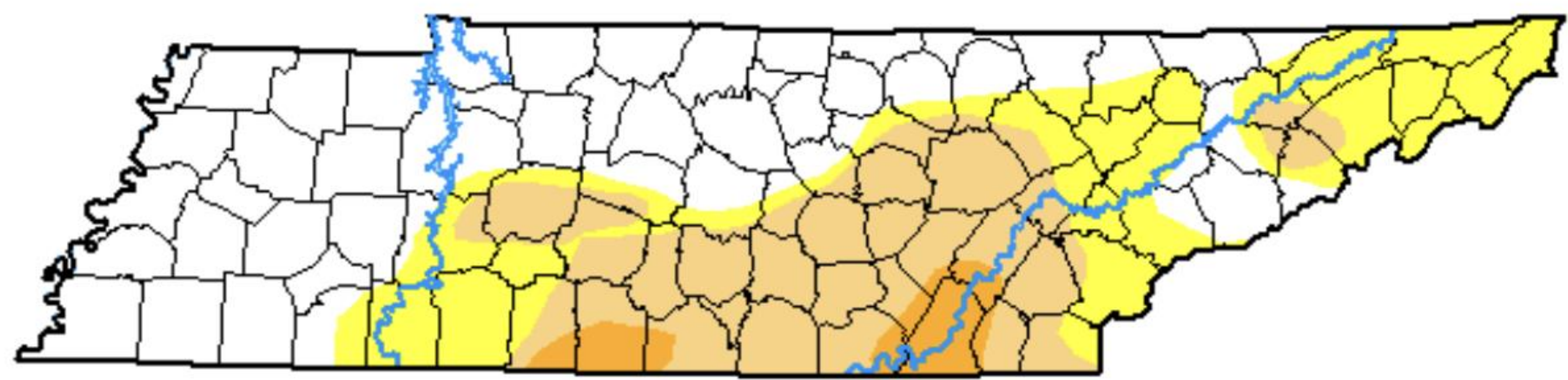
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Tennessee Drought Update

For the assessment period ending July 30th, 2024

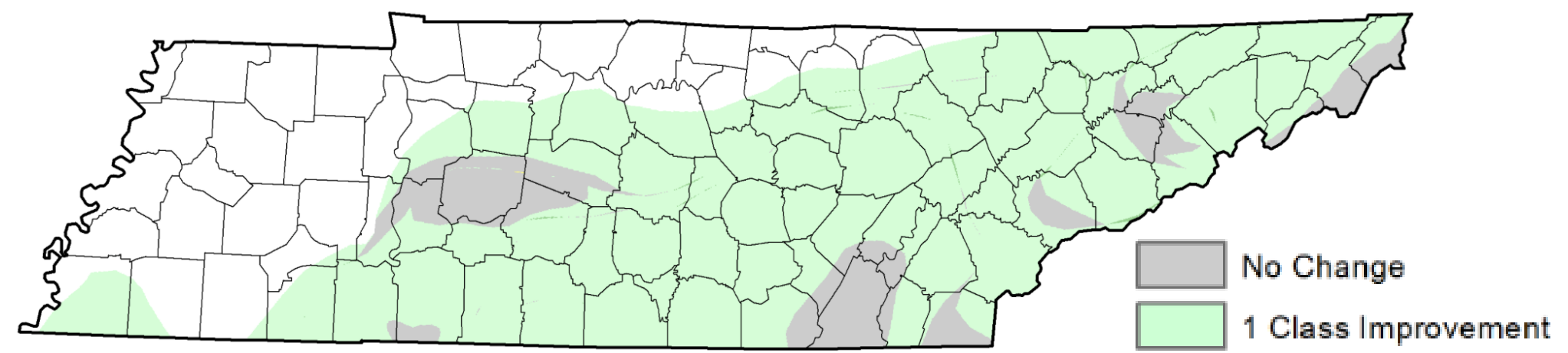
This Week's Drought Monitor of Tennessee Map

From the US Drought Monitor, authored by Lindsay Johnson, NDMC with input from the Tennessee Climate Office



↑ Recent rainfall has led to improving conditions across portions of Tennessee, especially in East Tennessee

Change Since Last Week



A product of the Tennessee Climate Office
www.etsu.edu/tn-climate



Statewide Condition Summary

What's Changed? Tennessee received some much needed rainfall from a system of spotty thunderstorms this past week. Areas of Middle and East Tennessee and the Cumberland Plateau received between 2 – 5 inches which continued to bring streamflow rates and soil moisture levels back towards normal.

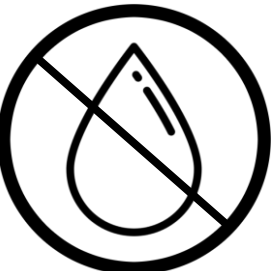
What's New? 1-category improvements have been made across all regions of Tennessee.

What's Next? Forecasts are predicting another round of rainfall over the next week with some areas of the state set to receive between 1 – 3 inches. Significant rainfall could improve more areas in the upcoming week.

Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	23.48%	+3.63%
D1: Moderate Drought	24.01%	+0.36%
D2: Severe Drought	4.00%	-19.21%
D3: Extreme Drought	0%	-1.42%
D4: Exceptional Drought	0%	0%

Icon Library



No Precipitation



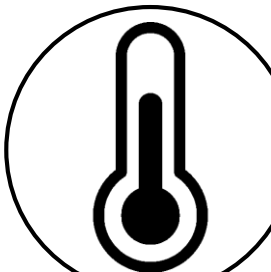
Increasing drought conditions



Rivers and Streams



Precipitation



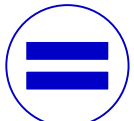
Temperatures



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