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Tennessee Climate Office Weekly Drought Summaries

4-18-2024

2024 April 18 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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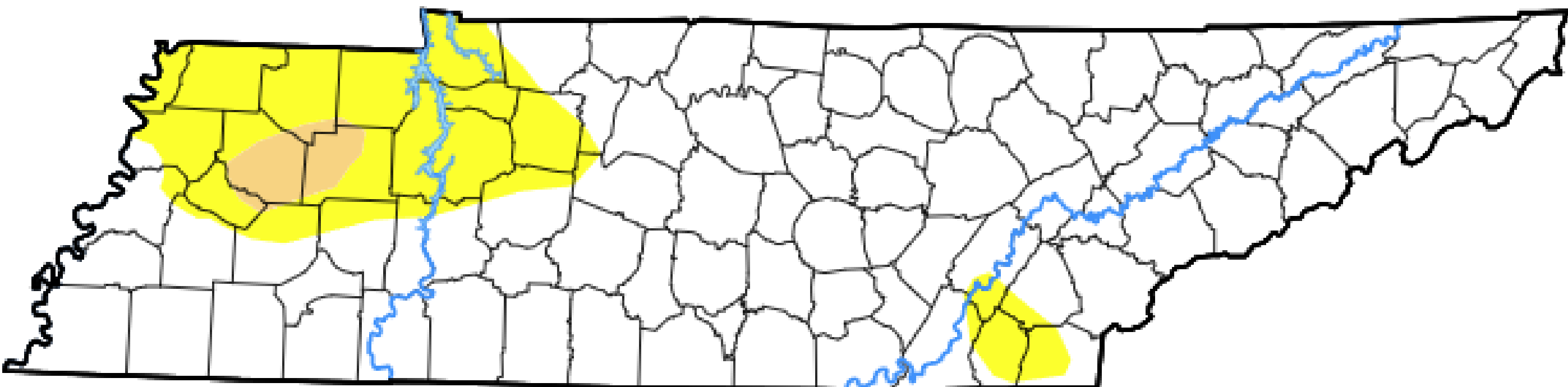
Tennessee Drought Update

For the assessment period ending April 16th, 2024

Statewide Condition Summary

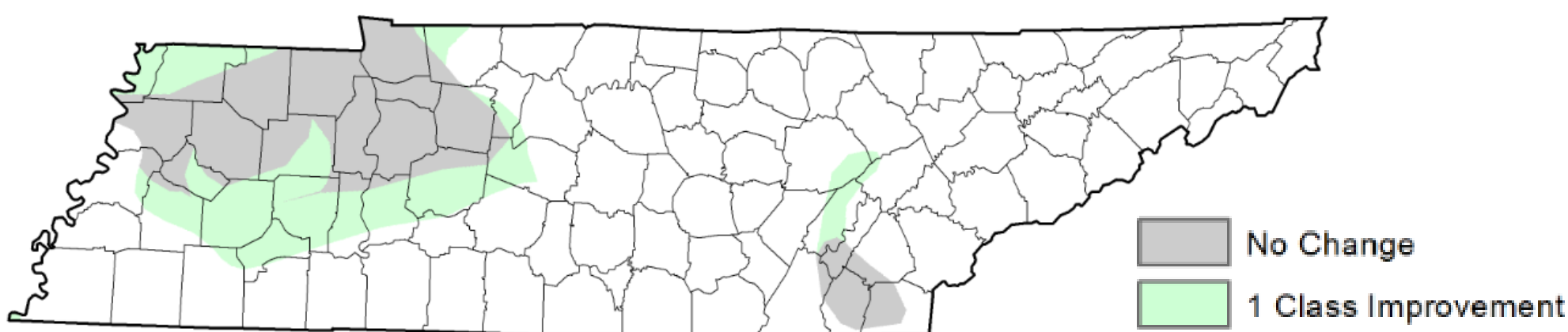
This Week's Drought Monitor of Tennessee Map

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



↑ Recent rainfall has led to improvements across West, Middle, and East Tennessee and the Cumberland Plateau

Change Since Last Week



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



What's Changed? Over the past week, the majority of Tennessee received modest amounts of rainfall, especially across the northwest and eastern regions of the state. This has led to improved conditions in these areas, with increased soil moisture across West Tennessee and streamflow rates returning to normal across the majority of the state.

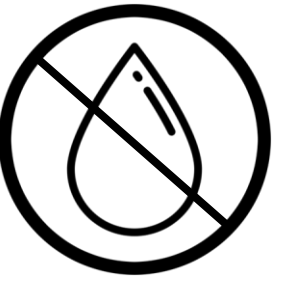
What's New? The area of D0 and D1 conditions has been reduced across the northwest and southeast corners of the state.

What's Next? Over the next 7 days, forecasts are predicting 0.5 – 1 inch across the majority of the state.

Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	16.26%	-3.92%
D1: Moderate Drought	1.89%	-3.26%
D2: Severe Drought	0%	0%
D3: Extreme Drought	0%	0%
D4: Exceptional Drought	0%	0%

Icon Library



No Precipitation



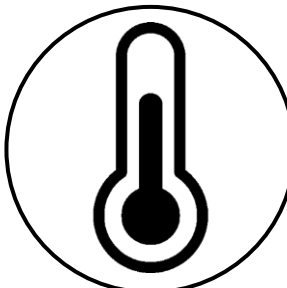
Increasing drought conditions



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