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Tennessee Climate Office Weekly Drought Summaries

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2-15-2024

### 2024 February 15 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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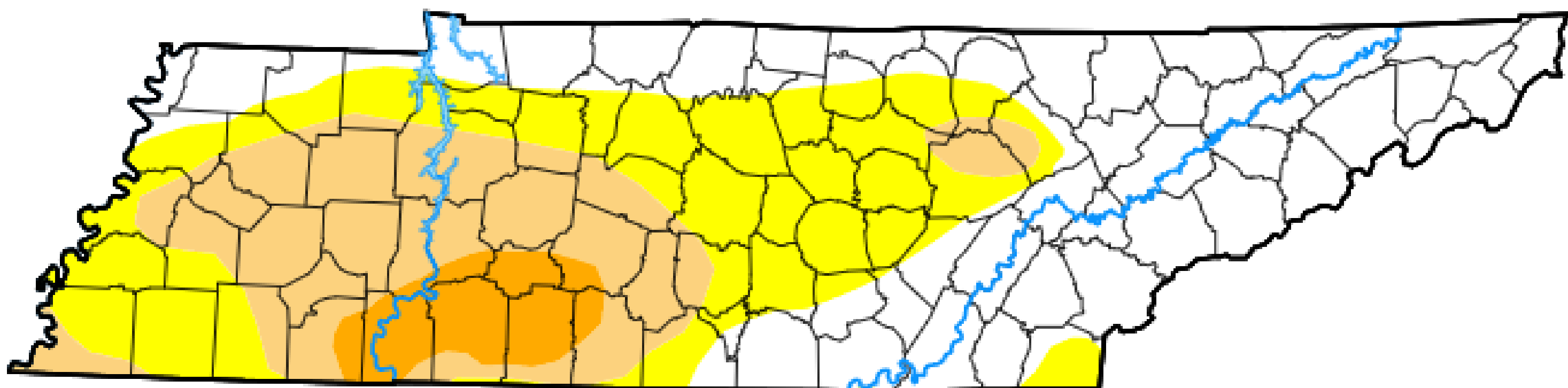
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# Tennessee Drought Update

For the assessment period ending February 13th, 2024

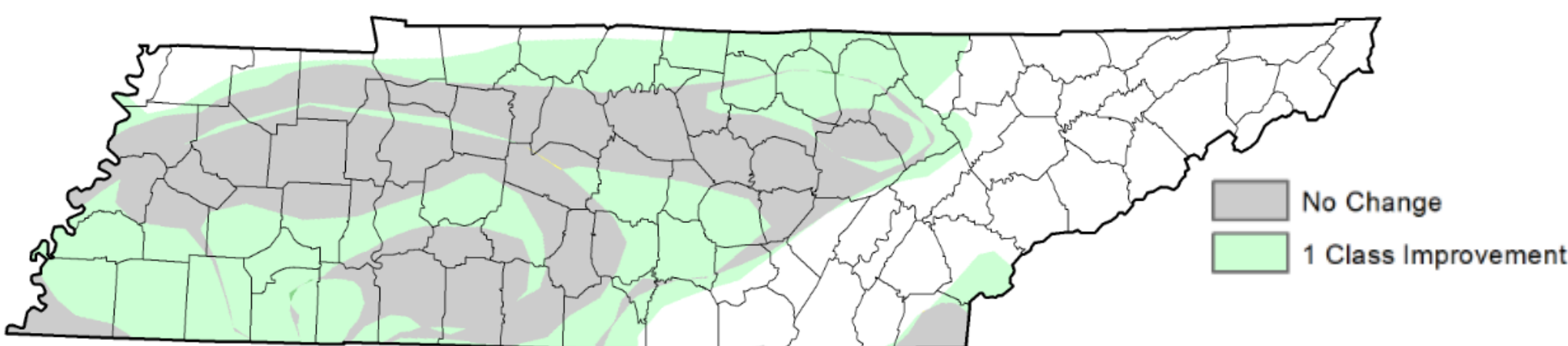
## This Week's Drought Monitor of Tennessee Map

*From the US Drought Monitor, authored by Deborah Bathke, NDMC with input from the Tennessee Climate Office*



 Recent rainfall has led to the removal of D3 conditions

## Change Since Last Week



A product of the Tennessee Climate Office

[www.etsu.edu/tn-climate](http://www.etsu.edu/tn-climate)



# Statewide Condition Summary

**What's Changed?** Over the past week, the majority of Tennessee received 2 – 3 inches of rainfall. This continued rainfall accumulation is helping to recharge soil moisture and streamflows that dropped rapidly during Fall 2023. Therefore, broad category 1 improvements have been made over the Cumberland Plateau, Middle and West Tennessee, and southeast Tennessee.

**What's New?** Following the rainfall over the past week, the area of D3 over Hardin and Wayne counties has been removed.

**What's Next?** Over the next 7 days, forecasts are showing marginal rainfall of 0.25 – 1 inch over most of Tennessee. The northern regions of the Cumberland Plateau are set to receive the most rainfall.

## Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	28.39%	+2.28%
D1: Moderate Drought	22.15%	-6.87%
D2: Severe Drought	5.7%	-5.6%
D3: Extreme Drought	0%	-1.13%
D4: Exceptional Drought	0%	0%

# Icon Library



No Precipitation



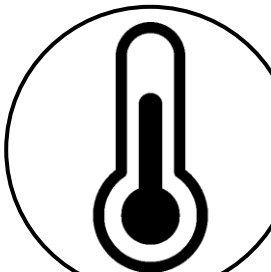
Increasing drought conditions



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