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Tennessee Climate Office Weekly Drought Summaries

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11-23-2023

### 2023 November 23 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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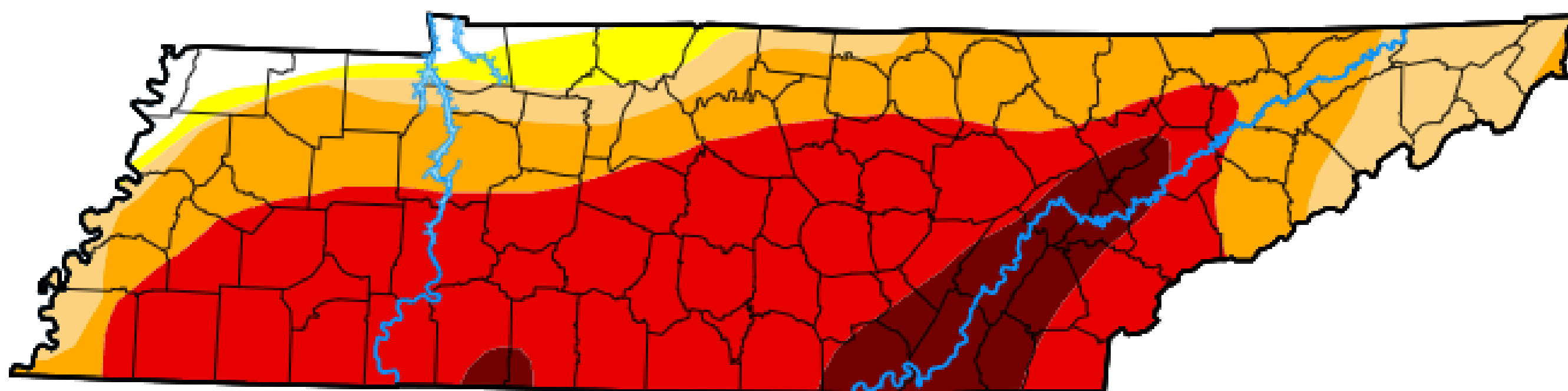
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# Tennessee Drought Update

For the assessment period ending November 21st, 2023

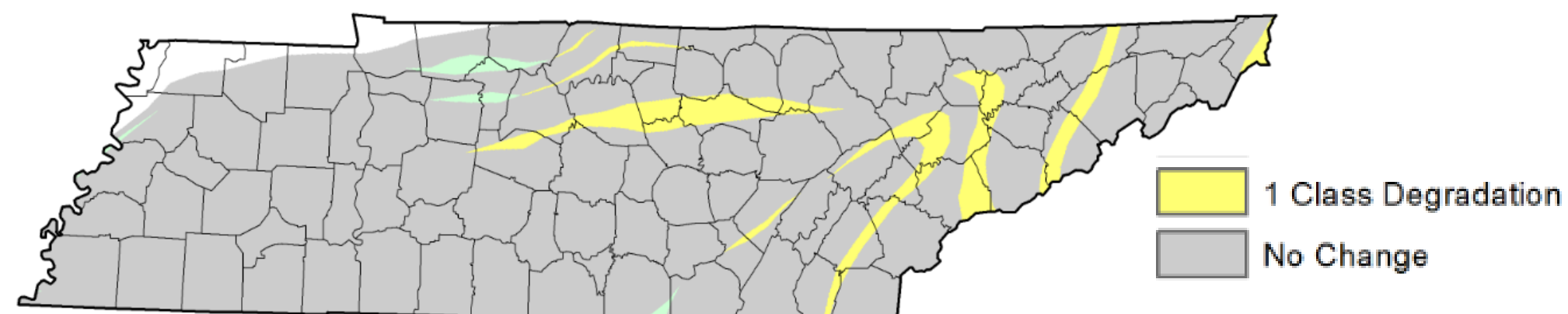
## This Week's Drought Monitor of Tennessee Map

*From the US Drought Monitor, authored by Brad Rippey, USDA/NDMC with input from the Tennessee Climate Office*



 Rainfall amounts holding drought conditions from progressing

### 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?** The majority of the state's drought designations did not change from last week due to the amount of rainfall that began falling early Tuesday morning. Most of the western half of the state received 1 – 3 inches falling primarily on Tuesday; however, the eastern half only saw 0.1 – 0.5 inches. This rainfall is helping to keep extreme drought conditions from continuing to expand across the state.

**What's New?** Slight shifts in the areas of D2 and D3 across Middle and East Tennessee.

**What's Next?** Over the next week, forecasts show Tennessee receiving more rainfall. Hopefully, this will begin recharging groundwater supplies, streams, rivers, and ponds, leading to future improvements in drought designation

## Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	3.84%	+0.5%
D1: Moderate Drought	10.71%	-1.62%
D2: Severe Drought	26.72%	-2.43%
D3: Extreme Drought	46.64%	+2.09%
D4: Exceptional Drought	9.04%	+1.46%

# Icon Library



No Precipitation



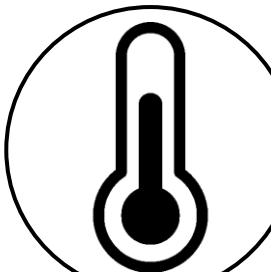
Increasing drought conditions



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