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Tennessee Climate Office Weekly Drought Summaries

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11-8-2024

### 2024 November 08 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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# Tennessee Drought Update

For the assessment period ending November 5th, 2024

# Statewide Condition Summary

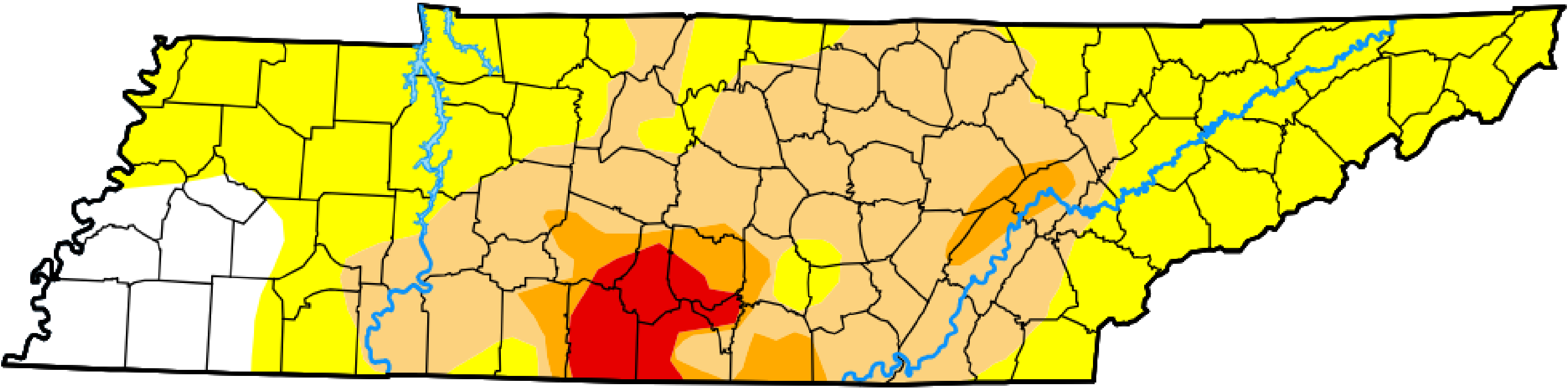
## This Week's Drought Monitor of Tennessee Map

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

**What's Changed?** Tennessee received between 0 – 1 inch of rainfall over the past week. Coupled with above-average temperatures, many portions of the state are continuing to experience rainfall deficits. Soil moisture and streamflow levels have continued to drop. Many areas in southern Middle Tennessee are displaying impacts associated with D3/D4 conditions such as scarce hay production and availability, voluntary water conservation, and producers selling cattle due to lack of feed.

**What's New?** D0 conditions have expanded across East Tennessee. D1 conditions have expanded across Middle Tennessee and the Cumberland Plateau. D2 conditions have expanded in southern Middle Tennessee. D3 conditions have expanded across Marshall, Bedford, Lincoln, Giles, and Maury counties.

**What's Next?** Forecasts are predicting moderate rainfall over the next 7 days with most areas receiving 0.75 – 2 inches.

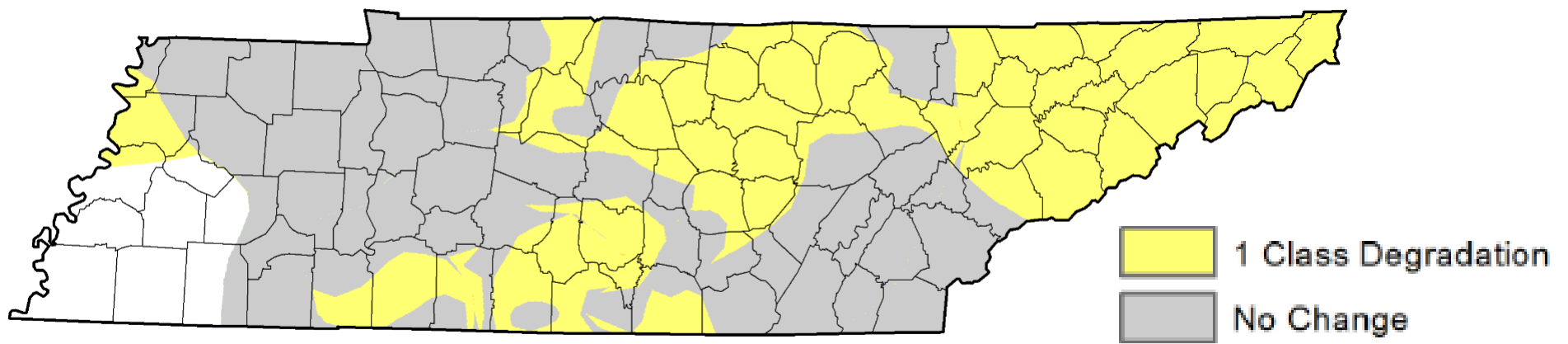


↓ Conditions have worsened in East and Middle Tennessee as a result of lack of rainfall and high temperatures

## Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	46.38%	+0.27%
D1: Moderate Drought	35.52%	+14.88%
D2: Severe Drought	5.46%	-0.71%
D3: Extreme Drought	3.59%	+3.25%
D4: Exceptional Drought	0%	0%

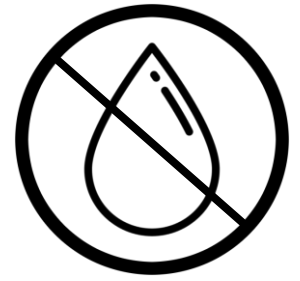
## Change Since Last Week



A product of the Tennessee Climate Office  
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# Icon Library



No Precipitation



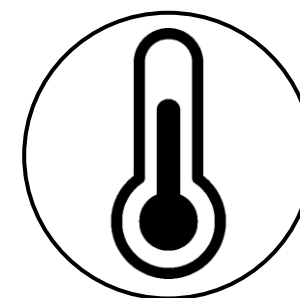
Increasing drought conditions



Rivers and Streams



Precipitation



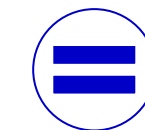
Temperatures



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