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Tennessee Climate Office Weekly Drought Summaries

2-1-2024

2024 February 1 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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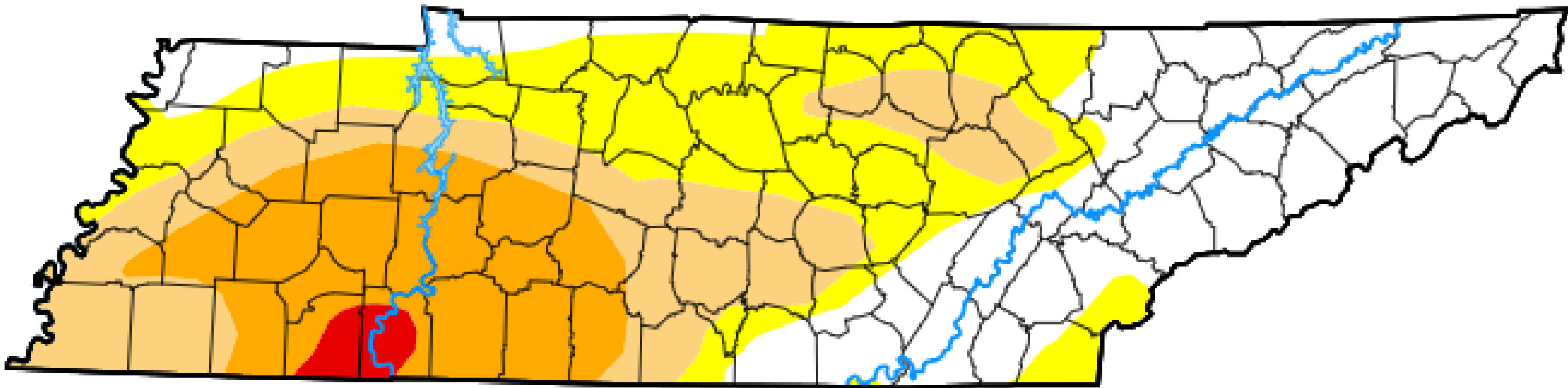
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Tennessee Drought Update

For the assessment period ending January 30th, 2024

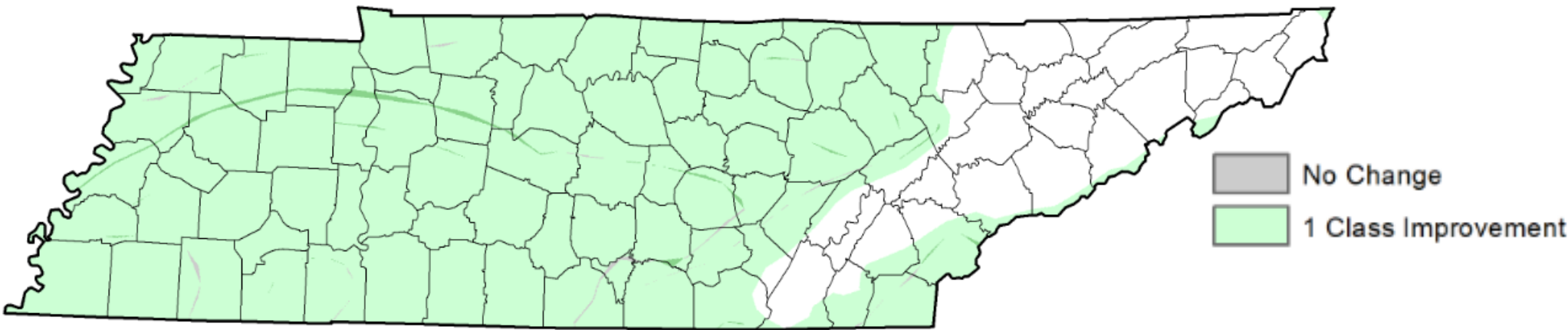
This Week's Drought Monitor of Tennessee Map

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



Recent rainfall leading to 1 category improvement across all of Tennessee

Change Since Last Week



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



Statewide Condition Summary

What's Changed? The entire state received some much needed rainfall over the past week, leading to a broad 1 category improvement for all areas. The majority of the state recorded 2 – 3 inches of rainfall, with the highest amounts distributed across West and Middle Tennessee. These rains have helped to recharge groundwater and soil moisture, which has led to streams and rivers returning to normal levels.

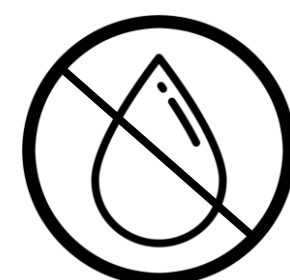
What's New? D4 conditions in Hardin and Wayne counties have been removed. Southeast Tennessee has improved to normal conditions.

What's Next? Over the next 7 days, forecasts are showing rainfall dissipating with most of the activity occurring across southwest Tennessee. However, due to winter temperatures, dry conditions are not expected to worsen over the next week.

Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	26.15%	+14.81%
D1: Moderate Drought	21.39%	-4.27%
D2: Severe Drought	18.51%	-3.34%
D3: Extreme Drought	1.55%	-16.97%
D4: Exceptional Drought	0%	-1.54%

Icon Library



No Precipitation



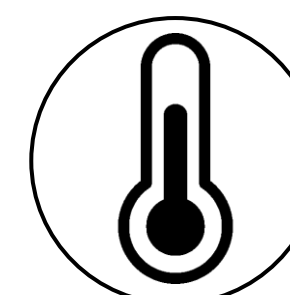
Increasing drought conditions



Rivers and Streams



Precipitation



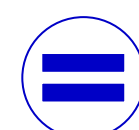
Temperatures



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