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Tennessee Climate Office Weekly Drought Summaries

3-21-2024

2024 March 21 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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Tennessee Drought Update

For the assessment period ending March 19th, 2024

Statewide Condition Summary

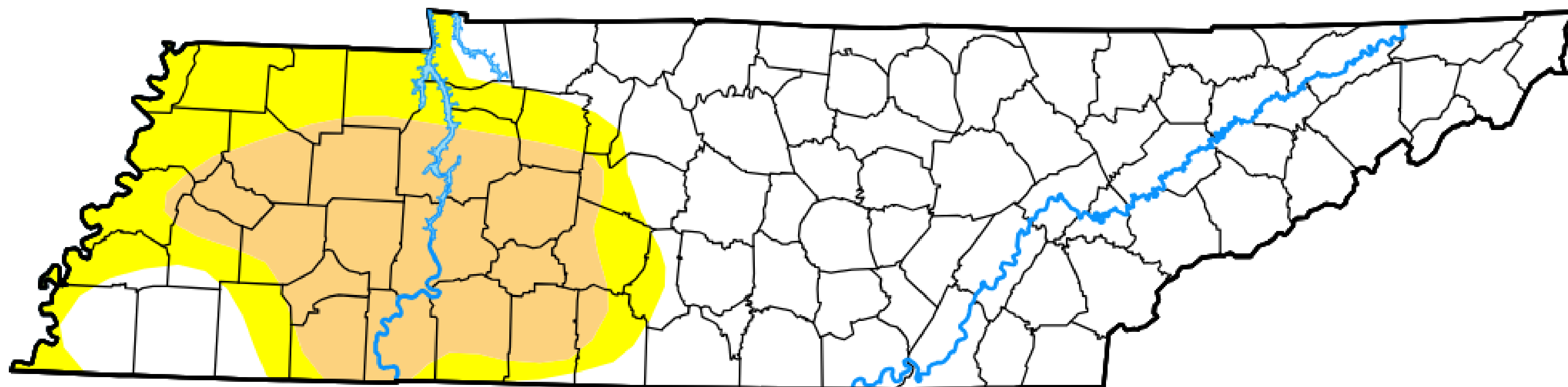
This Week's Drought Monitor of Tennessee Map

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

What's Changed? Conditions are starting to improve as another small round of rain fell over Tennessee this past week. Most of the precipitation received fell over the southern half of the state with totals of 1.5 – 3 inches. Soil moisture levels are continuing to improve slowly, and streamflow rates are largely near-normal across the state.

What's New? Large areas of D0 have improved to normal conditions across the southern and south-central regions of Tennessee. D2 conditions have improved over the past week.

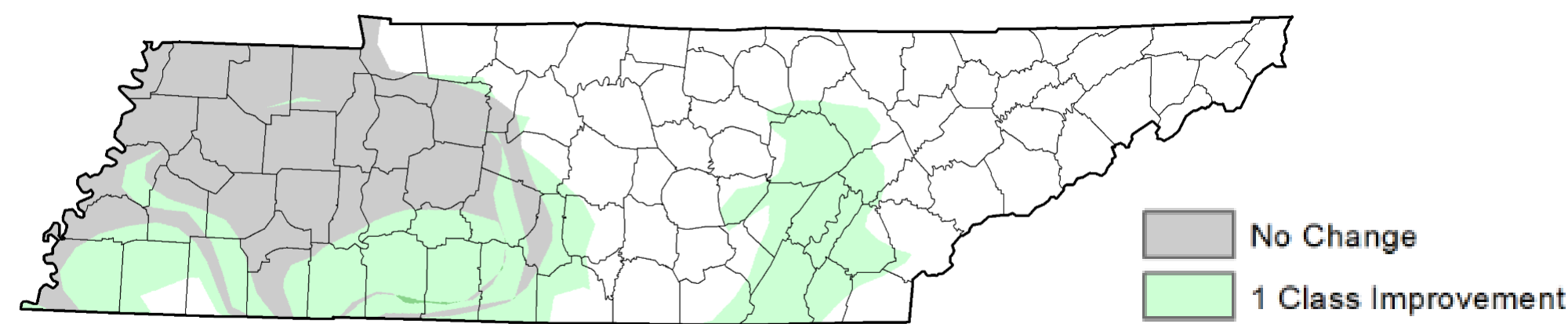
What's Next? Over the next 7 days, forecasts are predicting some much-needed rainfall across the state. Totals of 1 – 2 inches are expected across the southern border of the state.



Recent rainfall has improved conditions across the Cumberland Plateau, Middle and West Tennessee

Statewide Coverage By Category

Change Since Last Week

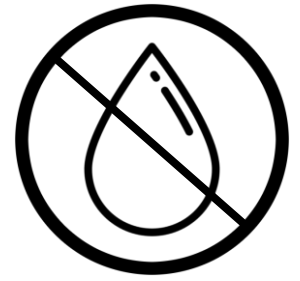


A product of the Tennessee Climate Office
www.etsu.edu/tn-climate

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	15.78%	-11.81%
D1: Moderate Drought	19.38%	+2.35%
D2: Severe Drought	0%	-5.7%
D3: Extreme Drought	0%	0%
D4: Exceptional Drought	0%	0%



Icon Library



No Precipitation



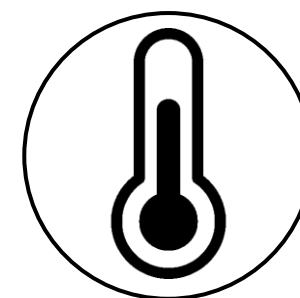
Increasing drought conditions



Rivers and Streams



Precipitation



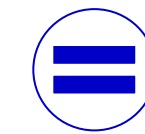
Temperatures



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