3-14-2024

2024 March 14 - Tennessee Weekly Drought Summary

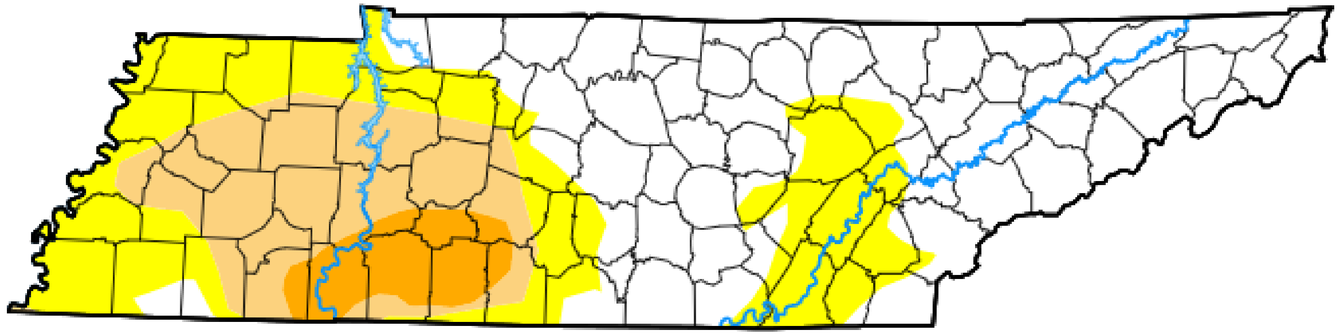
Tennessee Climate Office, East Tennessee State University

Tennessee Drought Update

For the assessment period ending March 12th, 2024

This Week's Drought Monitor of Tennessee Map

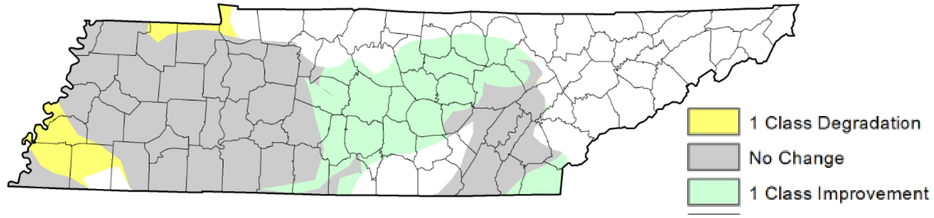
From the US Drought Monitor, authored by Curtis Riganti, NDMC with input from the Tennessee Climate Office



Lack of significant rainfall has led to abnormally dry conditions developing in West Tennessee

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

Change Since Last Week



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Statewide Condition Summary

What's Changed? The rainfall that occurred this past week was mainly distributed across the Eastern half of Tennessee, which has led to improved conditions in Middle and East Tennessee and the Cumberland Plateau. However, the lack of significant rain in West Tennessee has led to expanding D0 conditions. West Tennessee is continuing to see poor soil moisture levels; however, they appear to be slowly improving this week. The stark difference between the Eastern and Western regions of the state are mirrored in streamflow rates.

What's New? D0 areas have expanded across Shelby, Tipton, Fayette, Lauderdale, Weakley, Henry, and Stewart counties. D0 conditions have been improved to normal across central and southeast regions of Tennessee.

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.

Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	27.59%	-4.96%
D1: Moderate Drought	17.03%	-4.38%
D2: Severe Drought	5.7%	0%
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