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Tennessee Climate Office Weekly Drought Summaries

11-30-2023

2023 November 30 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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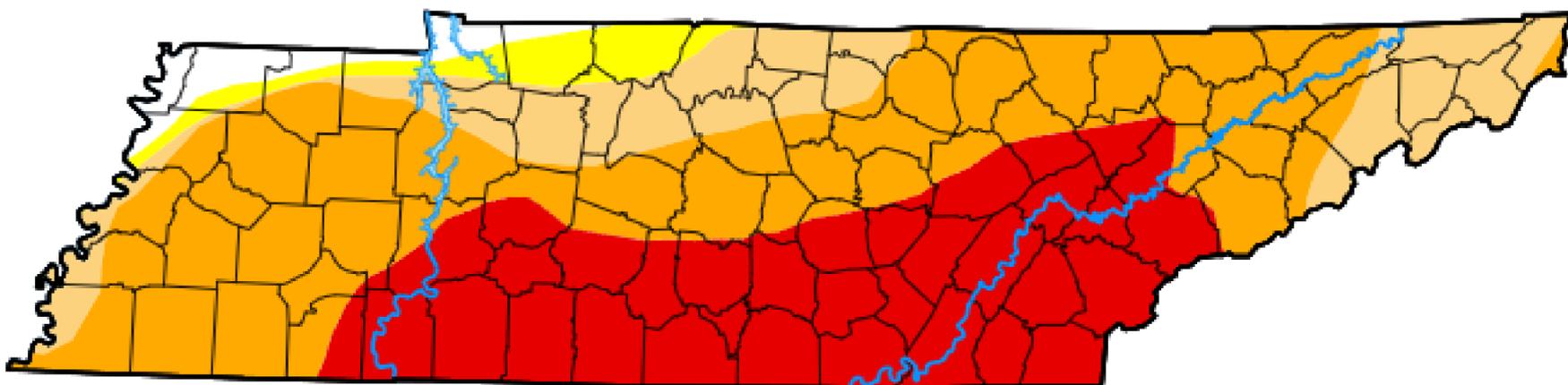
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Tennessee Drought Update

For the assessment period ending November 28th, 2023

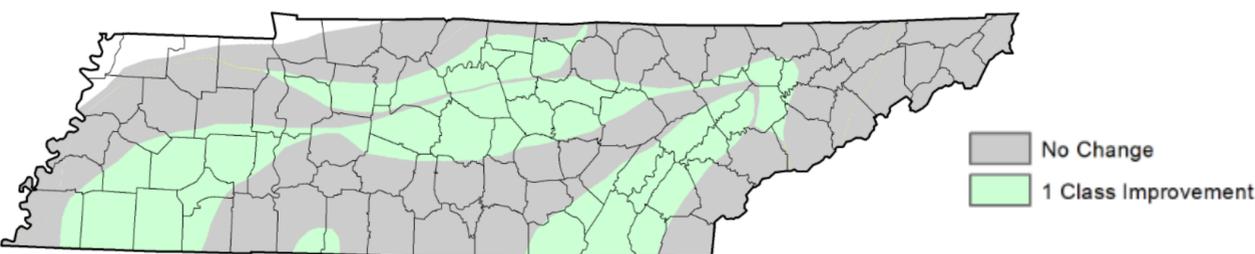
This Week's Drought Monitor of Tennessee Map

From the US Drought Monitor, authored by David Simeral, WRCC/NDMC with input from the Tennessee Climate Office



 Recent rainfall leading to 1 category improvement across Tennessee

Change Since Last Week



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



Statewide Condition Summary

What's Changed? Areas across Tennessee saw 1 category improvements following the rainfall experienced over the last monitoring period (Tuesday to Tuesday). The majority of the state received ~1 inch of rain; however areas along the TN-AL border recorded ~3 inch totals over the week. Soil moisture recharge is trending in the right direction; however, streamflows have continued to decrease, especially in East Tennessee. Fewer impacts were reported over the past week; although, some observers are still reporting impacted pastures and supplemental cattle feeding.

What's New? Areas of D3 and D4 have been removed from this week's map.

What's Next? Over the next week, forecasts show Tennessee receiving more rainfall. This round of rain is primarily focused in East Tennessee and the Cumberland Plateau; however, most of the state is set to see at least 0.25 inches.

Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	3.84%	+0.04%
D1: Moderate Drought	15.70%	+4.99%
D2: Severe Drought	42.50%	+15.78%
D3: Extreme Drought	34.86%	+2.09%
D4: Exceptional Drought	0%	-9.04%

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