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Tennessee Climate Office Weekly Drought Summaries

5-11-2023

2023 May 11 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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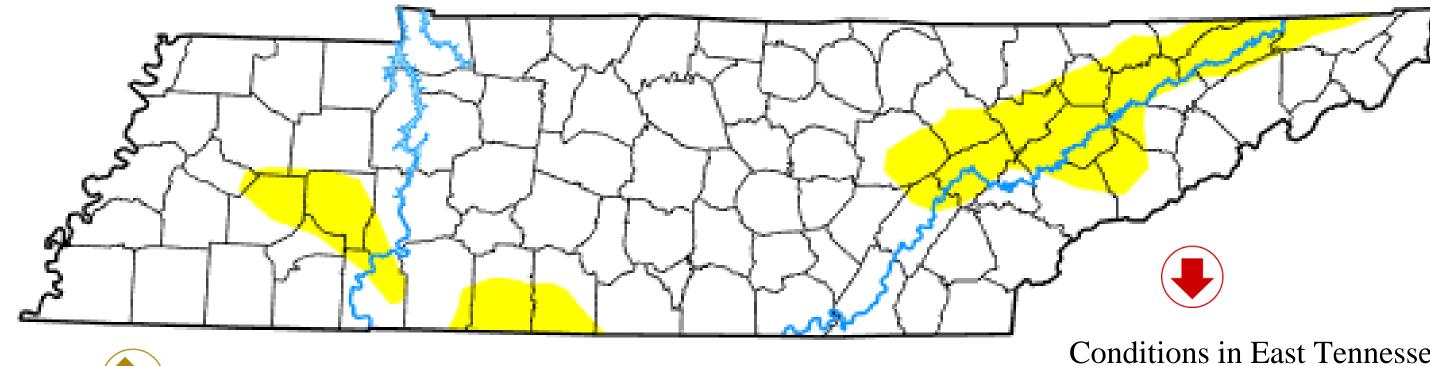
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Tennessee Drought Update

For the assessment period ending May 09, 2023

This Week's Drought Monitor of Tennessee Map

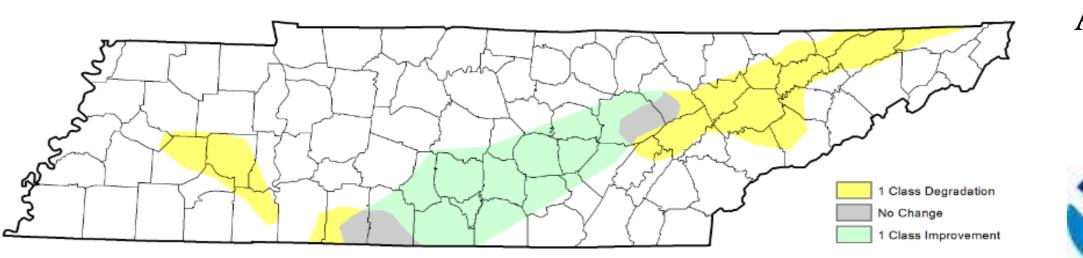
From the US Drought Monitor, authored by Brad Pugh, NOAA/CPC with input from the Tennessee Climate Office



Parts of Middle Tennessee have a 1-class improvement, while conditions have worsened in West Tennessee with Abnormally Dry (DO) being introduced across 9 counties.

Conditions in East Tennessee have worsened, with Abnormally Dry (DO) introduced across middle and northeast counties.

Change Since Last Week



Statewide Condition Summary

What's Changed? With rain continuing in Middle Tennessee there was a 1-class improvement for this weeks drought monitoring period (Tuesday to Tuesday). For both East and West Tennessee minimal rain and warmer temperatures have resulted in some Abnormally Dry (D0) conditions.

What's New? With variable rainfall across the state, we see multiple areas with 1-class changes (improvement and degradation).

What's Next? With more rain forecasted in the upcoming week's drought monitoring period (Tuesday to Tuesday), conditions are not expected to worsen with the possibility of 1-class improvements in Middle and West Tennessee. East Tennessee could also see some improvements, but the predicted rainfall amounts are lower in current D0 areas.

Category **Coverage Th** D0: Abnormally Dry 14.62 D1: Moderate Drought 0.00% D2: Severe Drought 0.009 D3: Extreme Drought 0.00% D4: Exceptional 0.00% Drought

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







Statewide Coverage By Category

nis Week	Change Since Last Week
2%	+0.88%
%	0.00%
%	0.00%
%	0.00%
%	0.00%

Icon Library



No Precipitation



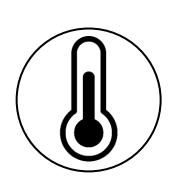
Increasing drought conditions



Rivers and Streams



Precipitation



Temperatures



Improvement



A mixture of improving and worsening conditions





Worsening conditions

Hurricane/Tropical storm