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6-27-2024

2024 June 27 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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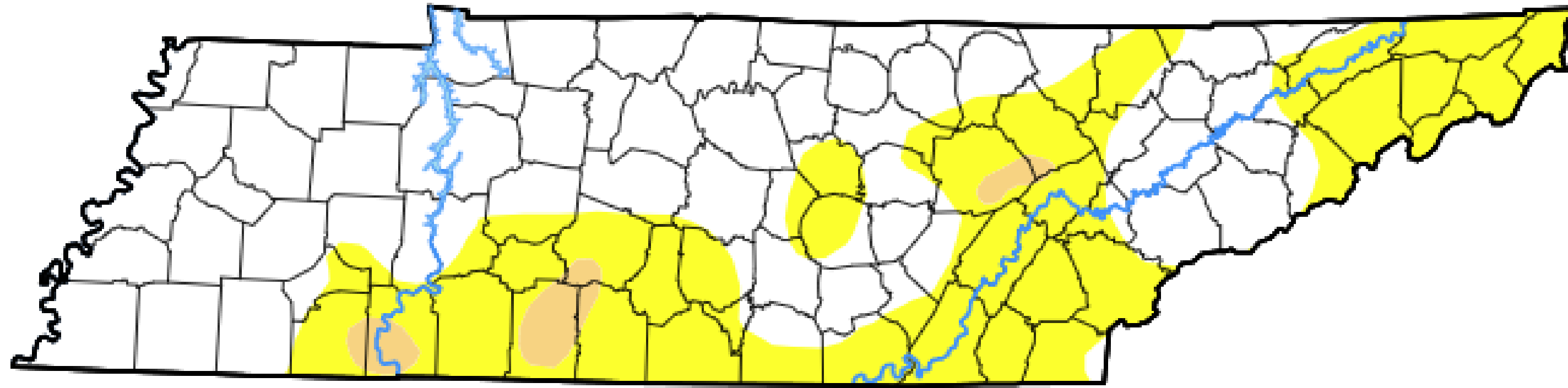
Tennessee Drought Update

For the assessment period ending June 25th, 2024

Statewide Condition Summary

This Week's Drought Monitor of Tennessee Map

From the US Drought Monitor, authored by Adam Hartman, NOAA/NWS/NCEP/CPC with input from the Tennessee Climate Office



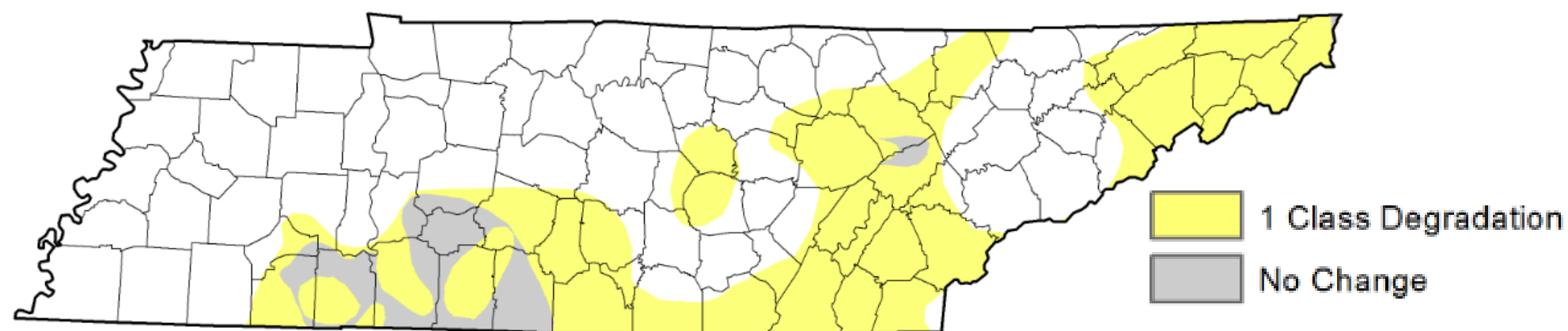
⬇️ Lack of rainfall has led to worsening conditions across multiple regions of Tennessee

What's Changed? This week brought another round of expanding and worsening conditions across Tennessee. Following rainfall deficits, southern and eastern Tennessee are beginning to see abnormally dry and moderate drought conditions following rainfall deficits. Soil moisture is continuing to drop, especially along the TN-NC border. Streamflow rates are also declining across the southern and eastern borders. Reports of drought impacts to row crops are beginning to trickle in to the CMOR database.

What's New? D0 conditions have expanded across multiple counties. D1 conditions have been introduced in Lawrence, Giles, Maury, Hardin, McNairy, Cumberland, and Morgan counties.

What's Next? Forecasts are predicting marginal rainfall over the next week across the majority of Tennessee. Most areas are projected to receive 0.5 – 0.75 inches. However, areas like southeast and southwest Tennessee are projected to receive 0.1 – 0.25 inches of rainfall.

Change Since Last Week



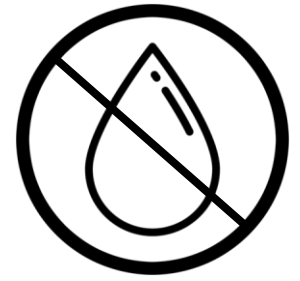
A product of the Tennessee Climate Office
www.etsu.edu/tn-climate



Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	37.02%	+29.23%
D1: Moderate Drought	2.40%	+2.40%
D2: Severe Drought	0%	0%
D3: Extreme Drought	0%	0%
D4: Exceptional Drought	0%	0%

Icon Library



No Precipitation



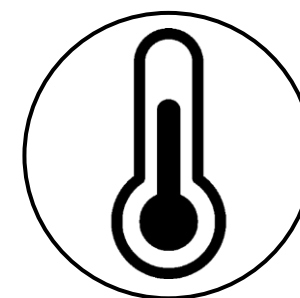
Increasing drought conditions



Rivers and Streams



Precipitation



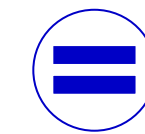
Temperatures



Improvement



A mixture of improving and worsening conditions



No Change



Worsening conditions



Hurricane/Tropical storm

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