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Tennessee Climate Office Weekly Drought Summaries

6-20-2024

2024 June 20 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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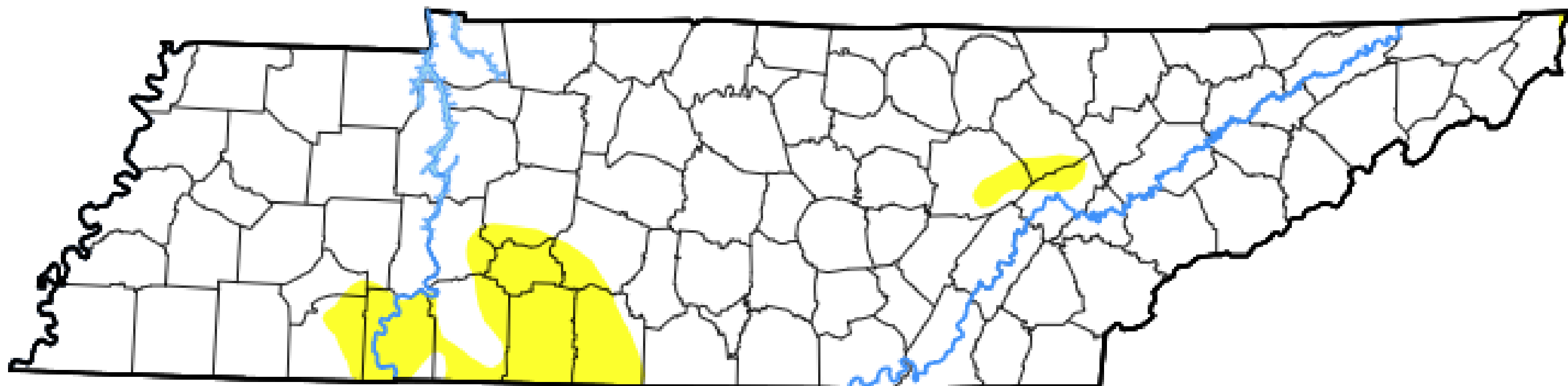
Tennessee Drought Update

For the assessment period ending June 18th, 2024

Statewide Condition Summary

This Week's Drought Monitor of Tennessee Map

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



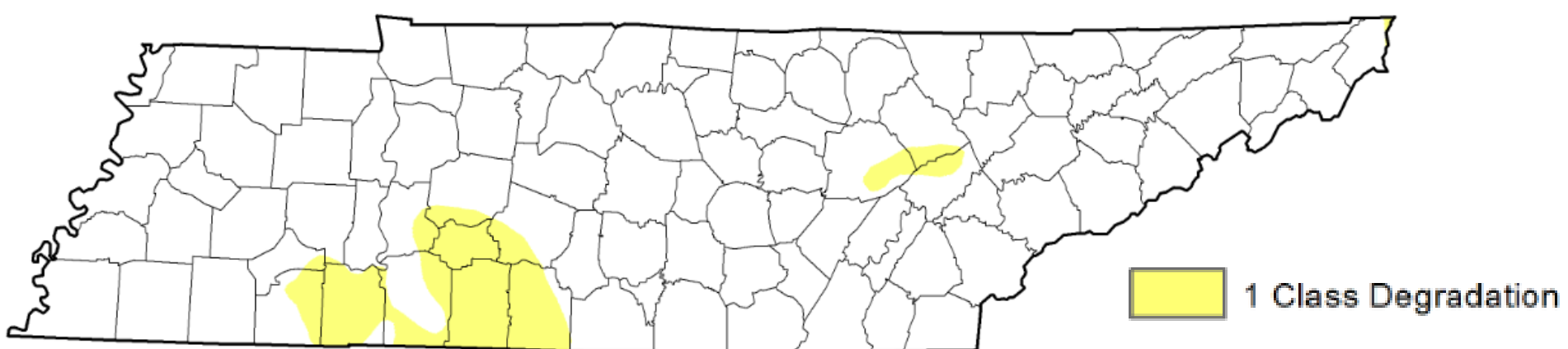
Lack of rainfall has led to worsening conditions across multiple regions of Tennessee

What's Changed? Dry conditions are beginning to occur across multiple regions of Tennessee following below average rainfall this past week. The majority of dry conditions are being seen in southern Tennessee near the AL and MS borders. Streamflows are beginning to drop in these areas and soil moisture appears to be drying rapidly across the state.

What's New? D0 conditions have been introduced in Cumberland, Roane, Morgan, Hardin, Wayne, Lawrence, McNairy, Chester, Perry, Lewis, Hickman, Giles, and Maury counties.

What's Next? Another round of heat and marginal rainfall is predicted over the next week which may promote rapid intensification of dry conditions. Unfortunately, these conditions are likely to expand and worsen which may impact agricultural producers.

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	7.79%	+7.79%
D1: Moderate Drought	0%	0%
D2: Severe Drought	0%	0%
D3: Extreme Drought	0%	0%
D4: Exceptional Drought	0%	0%

Icon Library



No Precipitation



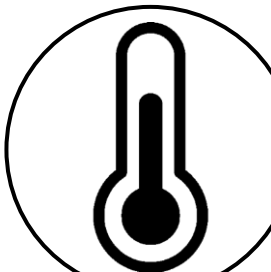
Increasing drought conditions



Rivers and Streams



Precipitation



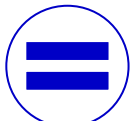
Temperatures



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