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Tennessee Climate Office Weekly Drought Summaries

9-3-2024

2024 September 3 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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Tennessee Drought Update

For the assessment period ending September 3rd, 2024

Statewide Condition Summary

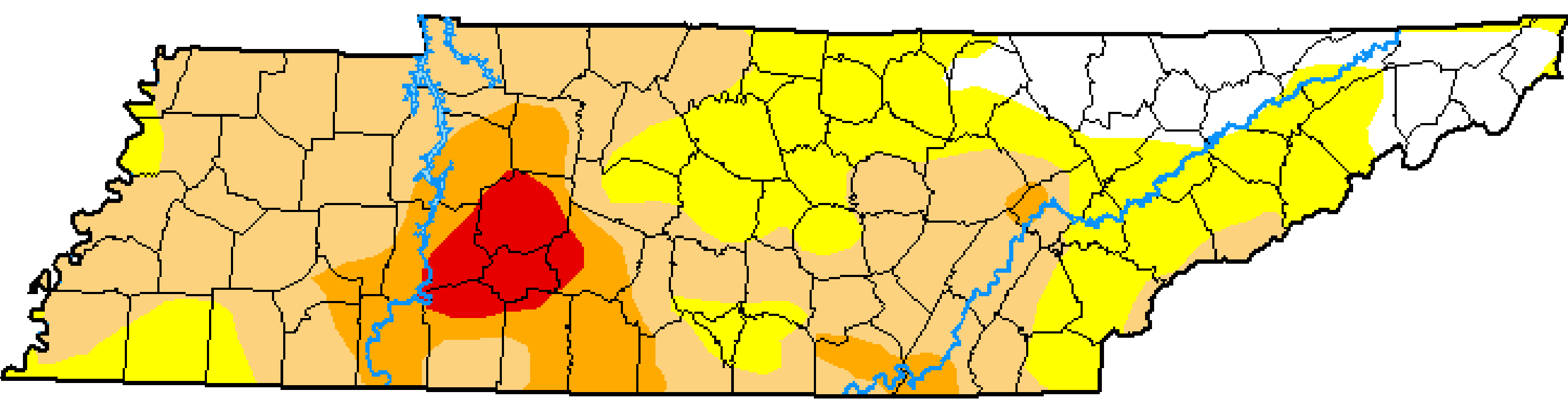
This Week's Drought Monitor of Tennessee Map

From the US Drought Monitor, authored by Lindsay Johnson, NDMC with input from the Tennessee Climate Office

What's Changed? The majority of the rainfall Tennessee saw this past week came in the form of spotty thunderstorms that missed a large portion of the state. This has left many parts of Tennessee in a deeper rainfall deficit. Soil moisture levels are trending upward but are still very low. This week, CMOR recorded the most reports for the state this year. Around 100 reports highlighted failing crops, dry pastures, low or completely dry ponds, and necessary feeding and watering to cattle.

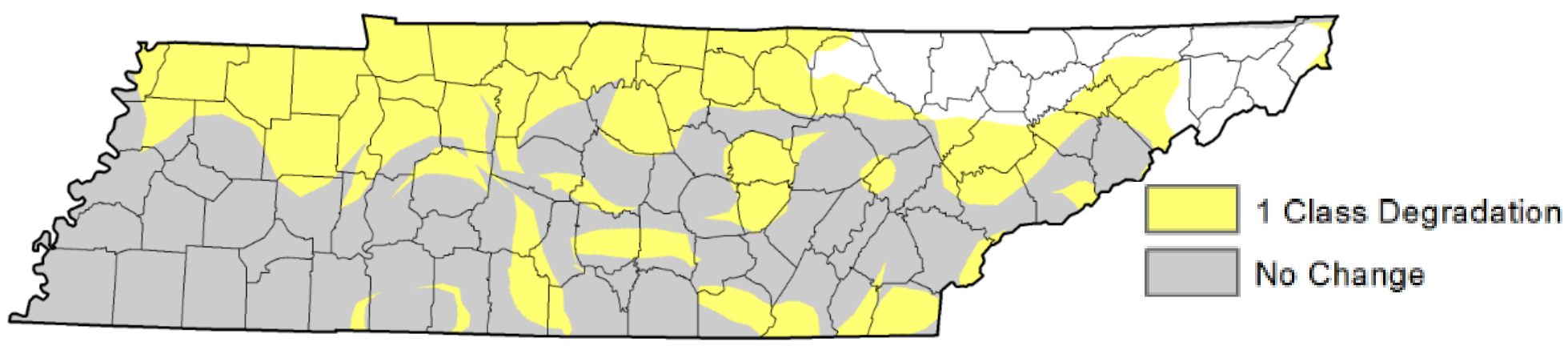
What's New? D0 – D3 conditions have expanded across the majority of the state. These degradations are the result of extremely high temperatures and lack of adequate precipitation.

What's Next? Forecasts are predicting another week of marginal to no rainfall across the majority of the state. Drought conditions are likely to persist or worsen over the next week.



Lack of rainfall has led to deteriorating conditions across the majority of the state, with rapid deterioration in northwest Tennessee.

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	29.02%	-6.64%
D1: Moderate Drought	44.82%	+13.86%
D2: Severe Drought	11.23%	+4.83%
D3: Extreme Drought	3.68%	+0.5%
D4: Exceptional Drought	0%	0%

Icon Library



No Precipitation



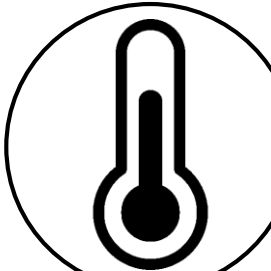
Increasing drought conditions



Rivers and Streams



Precipitation



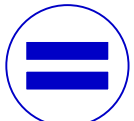
Temperatures



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