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Tennessee Climate Office Weekly Drought Summaries

10-12-2023

2023 October 12 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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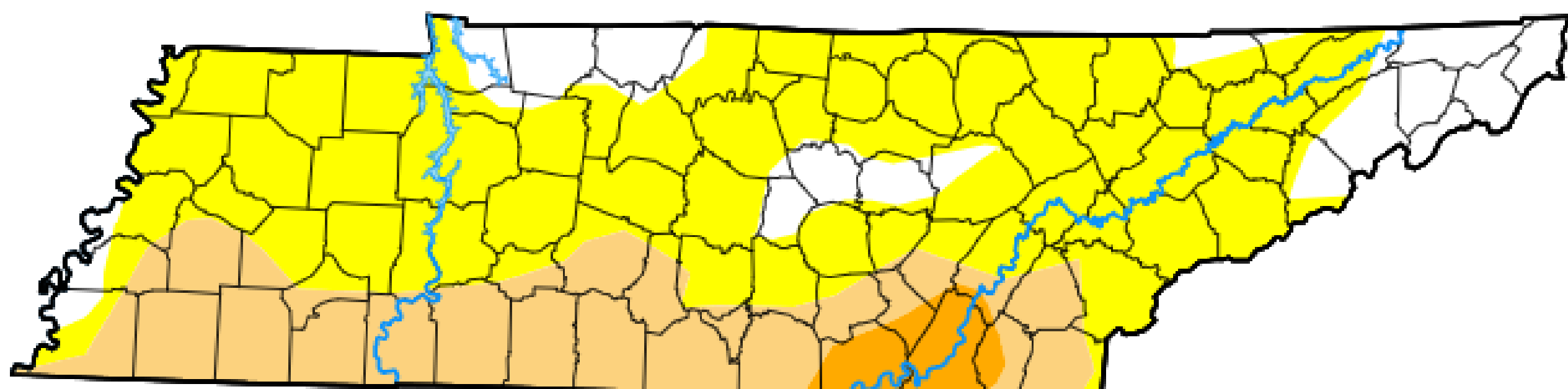
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Tennessee Drought Update

For the assessment period ending October 12th, 2023

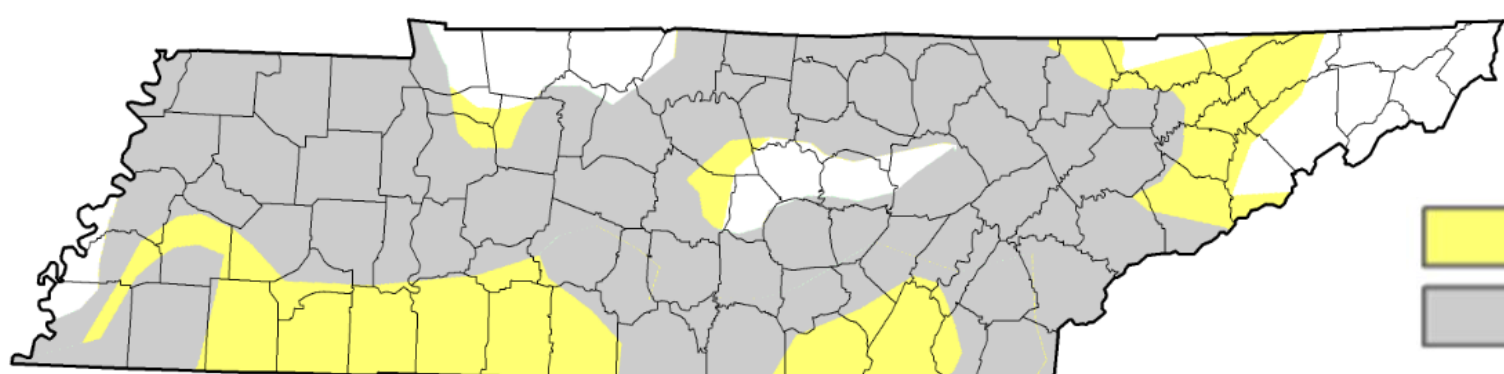
This Week's Drought Monitor of Tennessee Map

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



Continued below normal precipitation and warm daytime temperatures have led to expanding D1 and D2 conditions

Change Since Last Week



1 Class Degradation
 No Change

A product of the Tennessee Climate Office

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Statewide Condition Summary

What's Changed? Abnormally dry conditions have persisted across the majority the state, and moderate drought has continued to be an issue along the southern border of Tennessee. The brief rain that swept across the state last week did little to alleviate dry conditions and soil moisture and streamflow levels continue to drop.

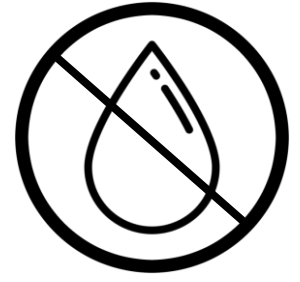
What's New? With lack of rain and soils drying out over the last drought monitoring period (Tuesday to Tuesday), D1 areas have expanded across the majority of the GA and AL borders. Severe drought (D2) has been designated for counties in Southeast TN (Franklin, Marion, Hamilton, Sequatchie, Rhea, Meigs, and Bradley counties).

What's Next? Very little rain is expected across Tennessee over the next week; therefore, we expect to see dry conditions persist or worsen by the next report.

Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	59.48%	-3.83%
D1: Moderate Drought	23.53%	+7.73%
D2: Severe Drought	3.31%	+3.31%
D3: Extreme Drought	0.00%	0.00%
D4: Exceptional Drought	0.00%	0.00%

Icon Library



No Precipitation



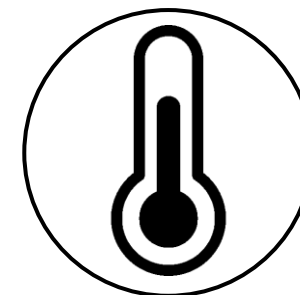
Increasing drought conditions



Rivers and Streams



Precipitation



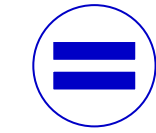
Temperatures



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