

East Tennessee State University

Digital Commons @ East Tennessee State University

Tennessee Climate Office Weekly Drought Summaries

5-16-2024

2024 May 16 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

Follow this and additional works at: <https://dc.etsu.edu/tn-climate-drought-summaries>



Part of the [Climate Commons](#), and the [Meteorology Commons](#)

Recommended Citation

Tennessee Climate Office, East Tennessee State University, "2024 May 16 - Tennessee Weekly Drought Summary" (2024). *Tennessee Climate Office Weekly Drought Summaries*. 85.
<https://dc.etsu.edu/tn-climate-drought-summaries/85>

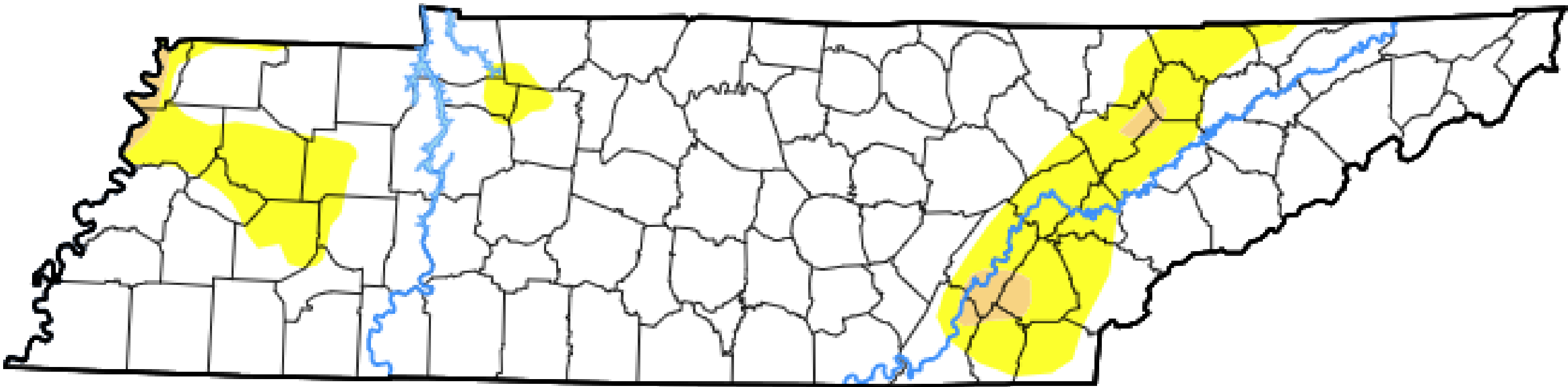
This Report is brought to you for free and open access by Digital Commons @ East Tennessee State University. It has been accepted for inclusion in Tennessee Climate Office Weekly Drought Summaries by an authorized administrator of Digital Commons @ East Tennessee State University. For more information, please contact digilib@etsu.edu.

Tennessee Drought Update

For the assessment period ending May 14th, 2024

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

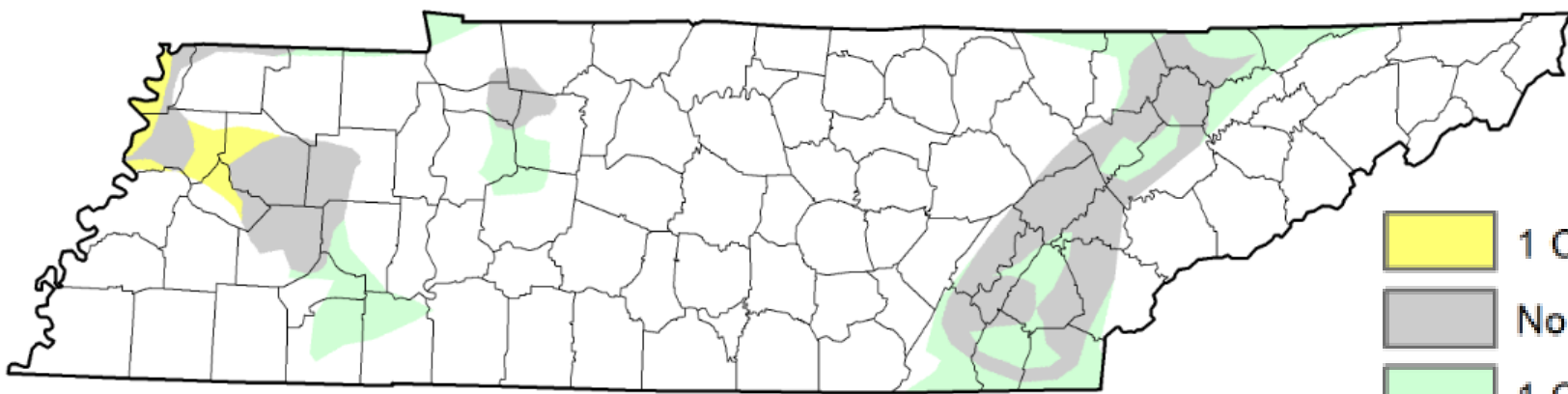


Rainfall patterns have led to both improvements and degradation in West Tennessee



Recent rainfall has led to improving conditions in East Tennessee

Change Since Last Week



1 Class Degradation
No Change
1 Class Improvement

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



Statewide Condition Summary

What's Changed? This week, Tennessee saw significant rainfall predominately across the central portion of the state and along the TN-KY border. However, West Tennessee was largely missed by this system, continuing the trend of below average monthly rainfall for this region. Soil moisture has been steadily increasing with northwest Tennessee being the only area below normal. Streamflow rates are well above average following this past week's rainfall.

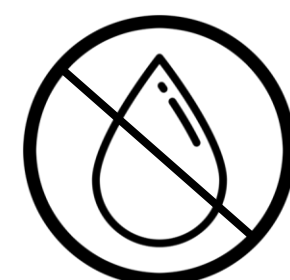
What's New? D1 has been added to parts of Lake and Dyer counties. D0 has expanded in Dyer, Gibson, and Crockett counties. D0 has been removed and D1 areas have been reduced in several counties across East Tennessee.

What's Next? Over the next 7 days, forecasts are predicting another round of light rain falling across Tennessee. Totals vary across the state, with northwest Tennessee set to receive the highest totals of 1.5 – 1.75 inches.

Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	15.64%	-4.84%
D1: Moderate Drought	1.33%	-1.95%
D2: Severe Drought	0%	0%
D3: Extreme Drought	0%	0%
D4: Exceptional Drought	0%	0%

Icon Library



No Precipitation



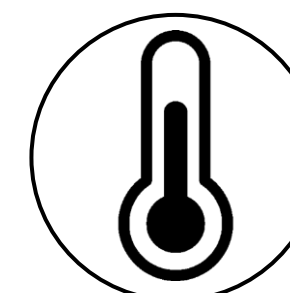
Increasing drought conditions



Rivers and Streams



Precipitation



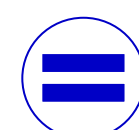
Temperatures



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