

East Tennessee State University

Digital Commons @ East Tennessee State University

Tennessee Climate Office Weekly Drought Summaries

1-25-2024

2024 January 25 - 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 January 25 - Tennessee Weekly Drought Summary" (2024). *Tennessee Climate Office Weekly Drought Summaries*. 69.
<https://dc.etsu.edu/tn-climate-drought-summaries/69>

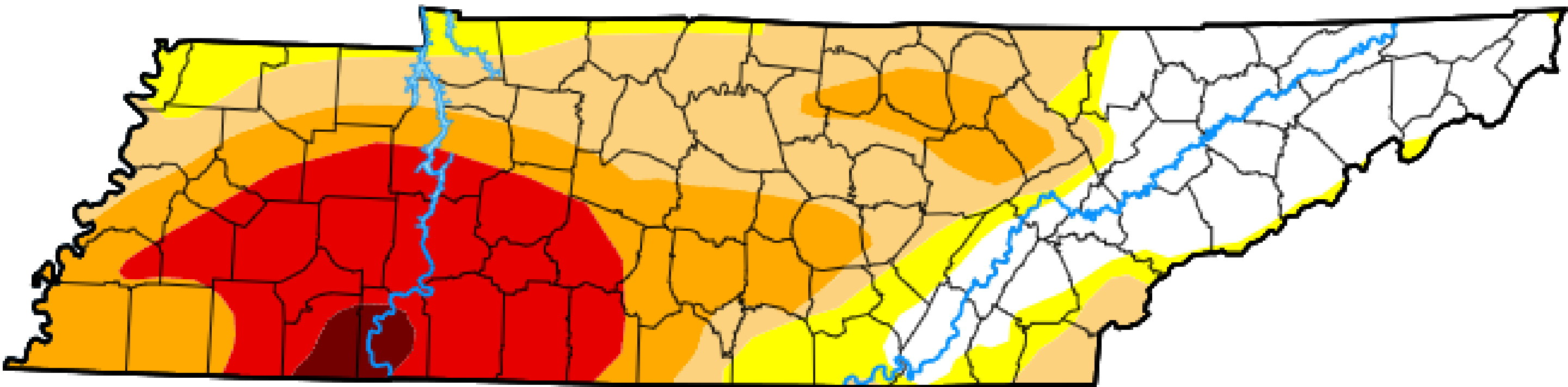
This Report is brought to you for free and open access by Digital Commons @ East Tennessee State University. It has been accepted for inclusion in Tennessee Climate Office Weekly Drought Summaries by an authorized administrator of Digital Commons @ East Tennessee State University. For more information,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

Tennessee Drought Update

For the assessment period ending January 23rd, 2024

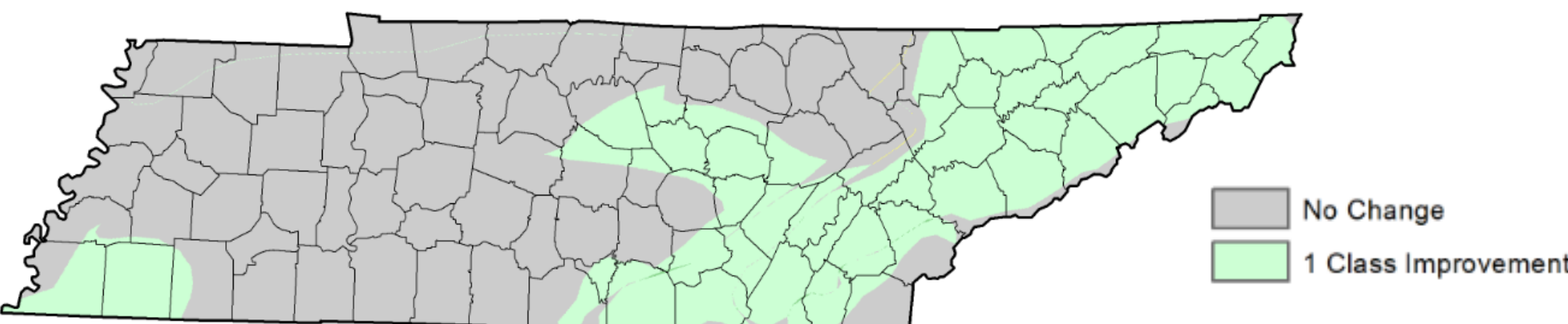
This Week's Drought Monitor of Tennessee Map

From the US Drought Monitor, authored by Brian Fuchs, NDMC with input from the Tennessee Climate Office



Recent rainfall leading to 1 category improvement across parts of Tennessee

Change Since Last Week



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



Statewide Condition Summary

What's Changed? Over the previous week, areas across Middle Tennessee, the Cumberland Plateau, and East Tennessee received 0.5 – 2 inches of rainfall, leading to 1 category improvements across most of the eastern half of Tennessee. Indicators are still showing dry conditions across most of West Tennessee where rainfall amounts were closer to 0.1 – 0.5 inches. Soil moisture seems to be following this East to West trend. Streamflow rates are slightly down, likely due to lagged snowmelt.

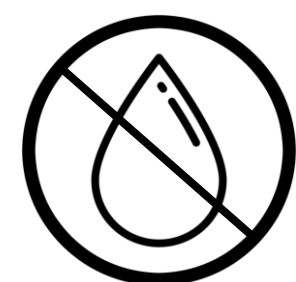
What's New? D0 conditions have been removed for the majority of East Tennessee. D1, D2, and D3 designations have improved across areas of the Cumberland Plateau, Middle Tennessee, and West Tennessee.

What's Next? Rain has already started moving across the state, possibly bringing some much needed relief to the areas that have been dealing with ongoing drought conditions. Forecasts are predicting more rain over the next 7 days, with areas possibly receiving up to 3 inches. However, West Tennessee is predicted to only receive 0.75 – 1 inches over this period.

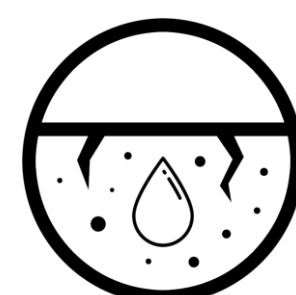
Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	11.34%	-15.4%
D1: Moderate Drought	25.66%	+1.5%
D2: Severe Drought	21.85%	-3.66%
D3: Extreme Drought	18.52%	-3.52%
D4: Exceptional Drought	1.54%	0%

Icon Library



No Precipitation



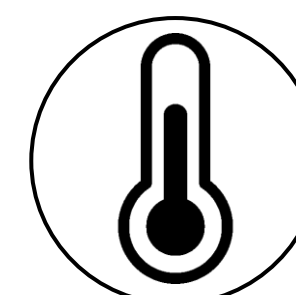
Increasing drought conditions



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