

East Tennessee State University

## Digital Commons @ East Tennessee State University

---

Tennessee Climate Office Weekly Drought Summaries

---

4-4-2024

### 2024 April 4 - 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 April 4 - Tennessee Weekly Drought Summary" (2024). *Tennessee Climate Office Weekly Drought Summaries*. 79.  
<https://dc.etsu.edu/tn-climate-drought-summaries/79>

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](mailto:digilib@etsu.edu).

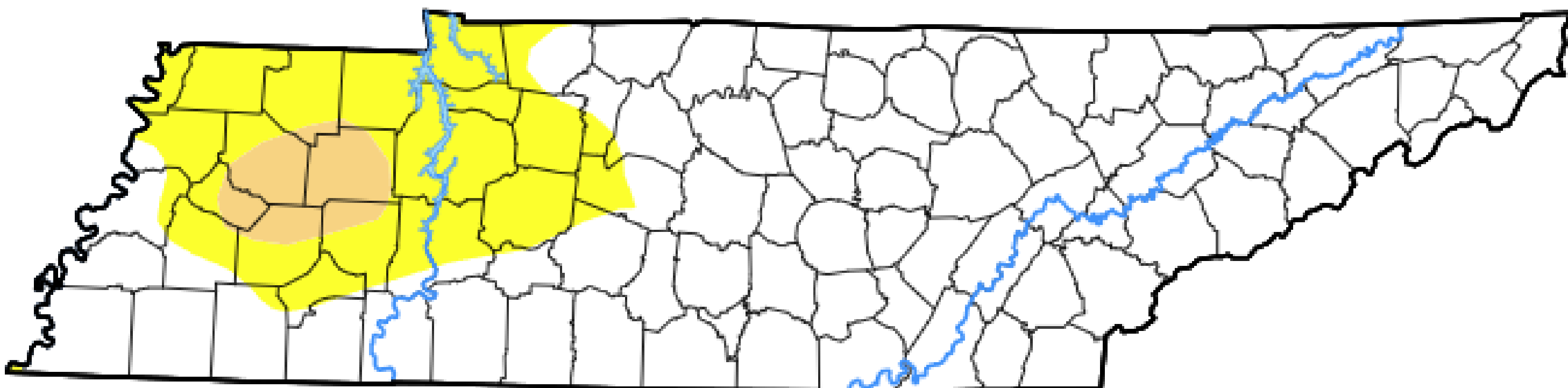
# Tennessee Drought Update

For the assessment period ending April 2nd, 2024

# Statewide Condition Summary

## 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*



Recent rainfall has improved conditions across Middle and West Tennessee

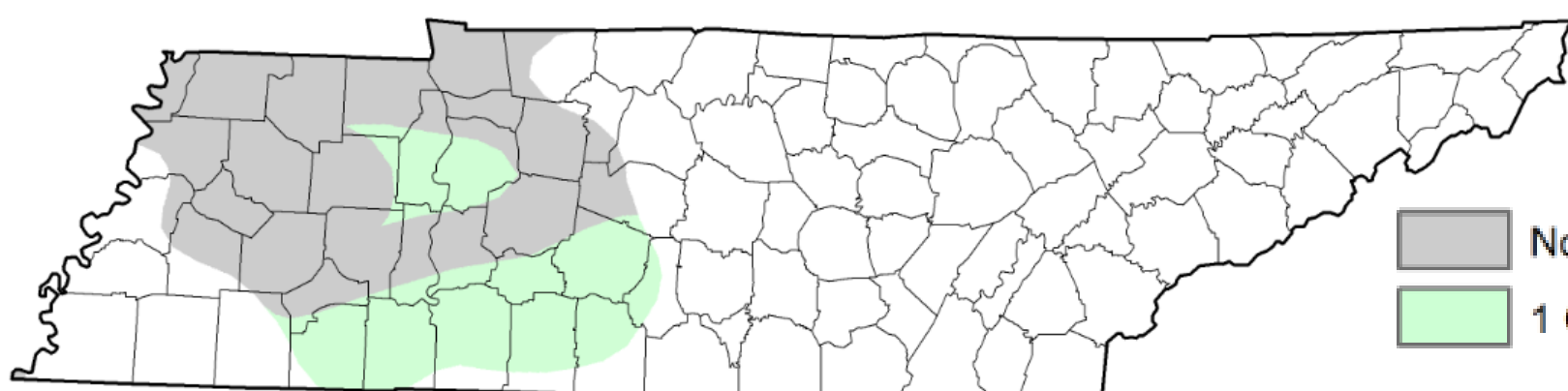
**What's Changed?** The areas of D0 and D1 shrank as the majority of Tennessee received 1 – 1.5 inches of rain over the past week (Tuesday to Tuesday).

These rounds of weekly rain are beginning to bring the areas that have been experiencing prolonged drought conditions back to normal conditions. Soil moisture is still low across northwest Tennessee, but it continues to slowly rebound. Streamflow rates are tracking close to normal in these areas; however, below average rates are being reported in East Tennessee.

**What's New?** Areas of D0 and D1 have improved by 1 class West and Middle Tennessee.

**What's Next?** Over the next 7 days, forecasts are predicting relatively high rainfall totals as a system is set to develop over the Southern U.S. The highest totals (2 – 4 inches) are set to fall over West and Middle Tennessee, which could lead to a sizeable reduction in D0 and D1 by next week.

## Change Since Last Week



No Change  
 1 Class Improvement

A product of the Tennessee Climate Office

[www.etsu.edu/tn-climate](http://www.etsu.edu/tn-climate)



## Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	19.14%	-6.68%
D1: Moderate Drought	3.68%	-2.18%
D2: Severe Drought	0%	0%
D3: Extreme Drought	0%	0%
D4: Exceptional Drought	0%	0%

# Icon Library



No Precipitation



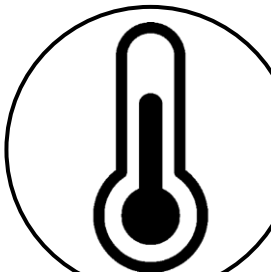
Increasing drought conditions



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