

East Tennessee State University

## Digital Commons @ East Tennessee State University

---

Tennessee Climate Office Weekly Drought Summaries

---

3-14-2024

### 2024 March 14 - 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 March 14 - Tennessee Weekly Drought Summary" (2024). *Tennessee Climate Office Weekly Drought Summaries*. 76.  
<https://dc.etsu.edu/tn-climate-drought-summaries/76>

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).

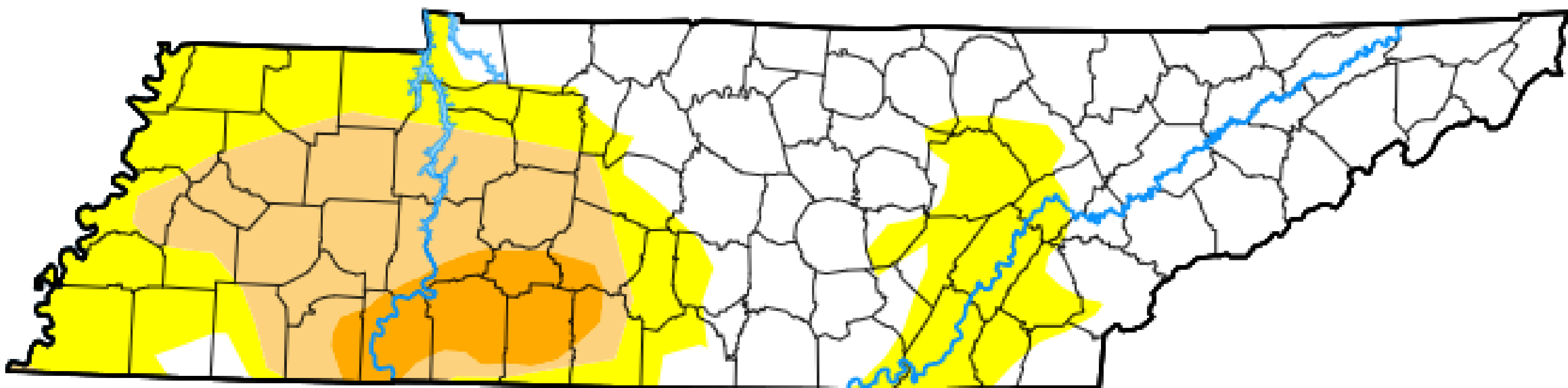
# Tennessee Drought Update

For the assessment period ending March 12th, 2024

## Statewide Condition Summary

### This Week's Drought Monitor of Tennessee Map

*From the US Drought Monitor, authored by Curtis Riganti, NDMC with input from the Tennessee Climate Office*



Lack of significant rainfall has led to abnormally dry conditions developing in West Tennessee



Recent rainfall has improved conditions across the Cumberland Plateau, Middle and East Tennessee

**What's Changed?** The rainfall that occurred this past week was mainly distributed across the Eastern half of Tennessee, which has led to improved conditions in Middle and East Tennessee and the Cumberland Plateau. However, the lack of significant rain in West Tennessee has led to expanding D0 conditions. West Tennessee is continuing to see poor soil moisture levels; however, they appear to be slowly improving this week. The stark difference between the Eastern and Western regions of the state are mirrored in streamflow rates.

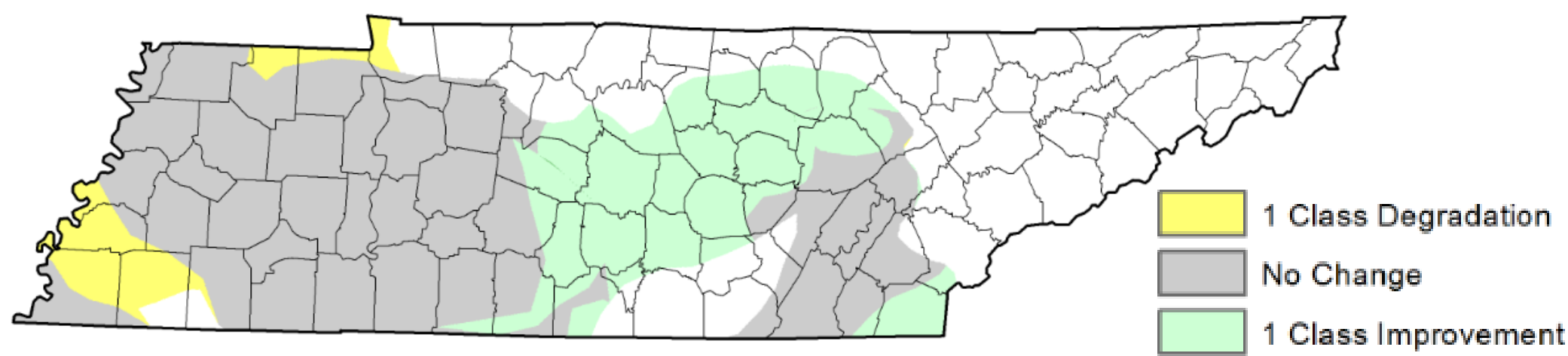
**What's New?** D0 areas have expanded across Shelby, Tipton, Fayette, Lauderdale, Weakley, Henry, and Stewart counties. D0 conditions have been improved to normal across central and southeast regions of Tennessee.

**What's Next?** Over the next 7 days, forecasts are predicting some much-needed rainfall across the state. Totals of 1 – 2 inches are expected across the southern border of the state.

### Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	27.59%	-4.96%
D1: Moderate Drought	17.03%	-4.38%
D2: Severe Drought	5.7%	0%
D3: Extreme Drought	0%	0%
D4: Exceptional Drought	0%	0%

### Change Since Last Week

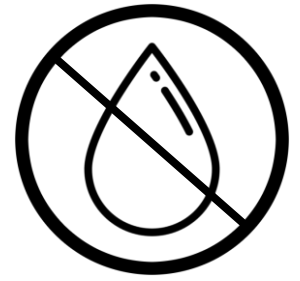


A product of the Tennessee Climate Office

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



# Icon Library



No Precipitation



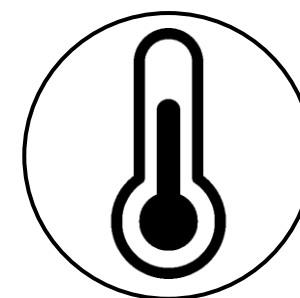
Increasing drought conditions



Rivers and Streams



Precipitation



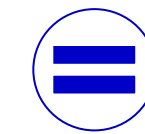
Temperatures



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