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Tennessee Climate Office Weekly Drought Summaries

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7-4-2024

### 2024 July 4 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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Tennessee Climate Office, East Tennessee State University, "2024 July 4 - Tennessee Weekly Drought Summary" (2024). *Tennessee Climate Office Weekly Drought Summaries*. 92.  
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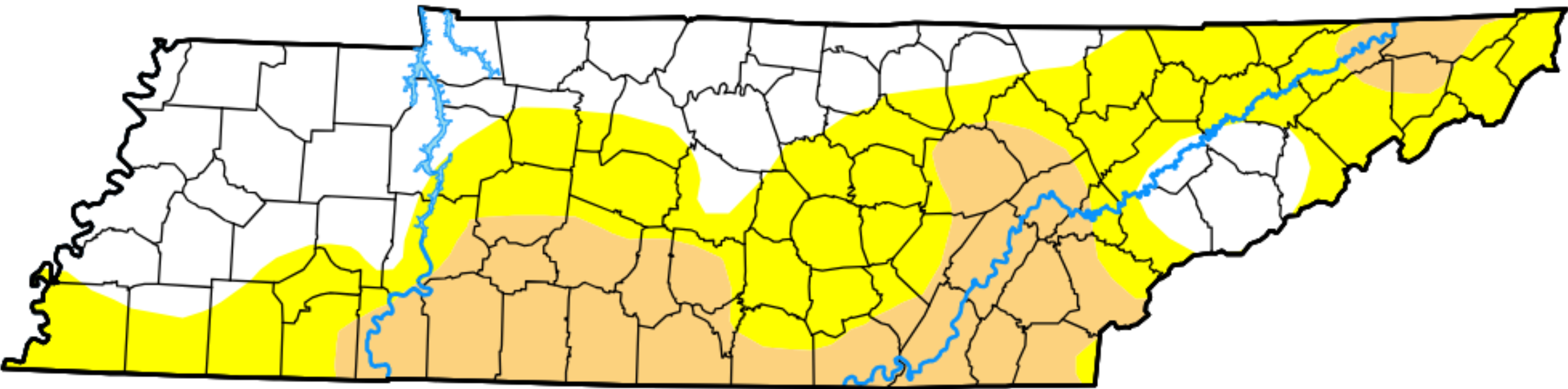
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# Tennessee Drought Update

For the assessment period ending July 2nd, 2024

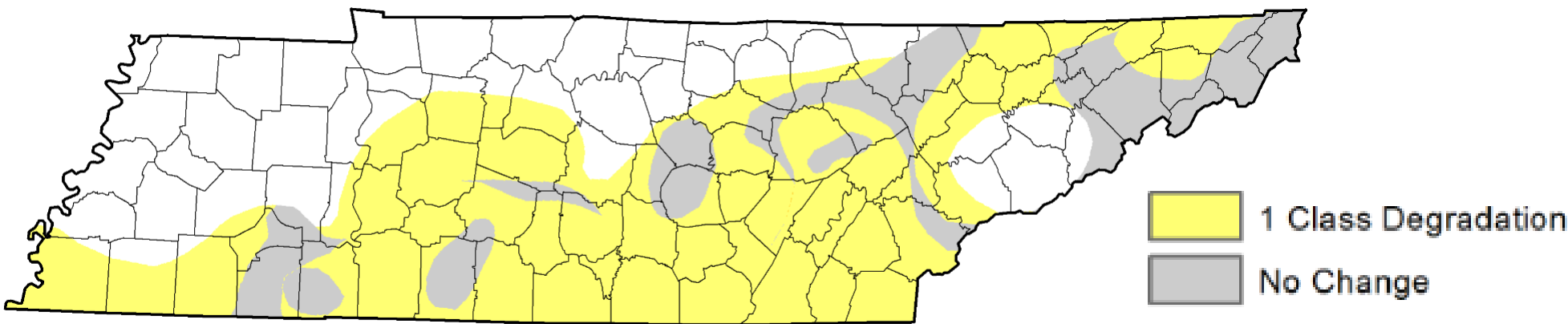
## This Week's Drought Monitor of Tennessee Map

*From the US Drought Monitor, authored by Adam Hartman,  
NOAA/NWS/NCEP/CPC with input from the Tennessee Climate Office*



⬇ Lack of rainfall has led to worsening conditions across multiple regions of Tennessee

### Change Since Last Week



A product of the Tennessee Climate Office  
[www.etsu.edu/tn-climate](http://www.etsu.edu/tn-climate)



# Statewide Condition Summary

**What's Changed?** This week continued the trend of hot and dry weather in Tennessee. Drier conditions are marching northwards, especially in areas of southern Middle and East Tennessee and the Cumberland Plateau. These areas have only received between 0.3 – 0.5 inches of rain in the last week. Soil moisture and streamflows are showing continual decreases from week to week. CMOR reports are highlighting the initial impacts to crops and pastureland as well.

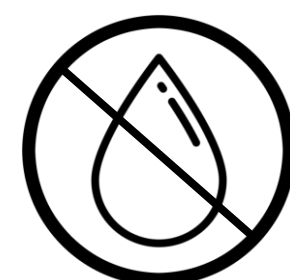
**What's New?** D0 and D1 conditions have expanded across multiple regions of the state.

**What's Next?** Forecasts are predicting marginal rainfall over the next week across the majority of Tennessee. Most rainfall will be a result of convective thunderstorms. Further degradation is possible if these events don't bring sufficient rainfall.

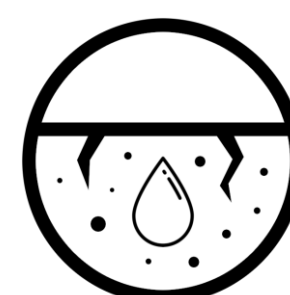
## Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	38.70%	+1.68%
D1: Moderate Drought	25.77%	+23.37%
D2: Severe Drought	0%	0%
D3: Extreme Drought	0%	0%
D4: Exceptional Drought	0%	0%

# Icon Library



No Precipitation



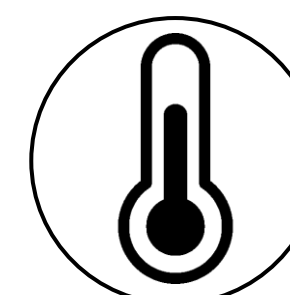
Increasing drought conditions



Rivers and Streams



Precipitation



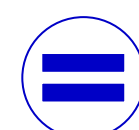
Temperatures



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