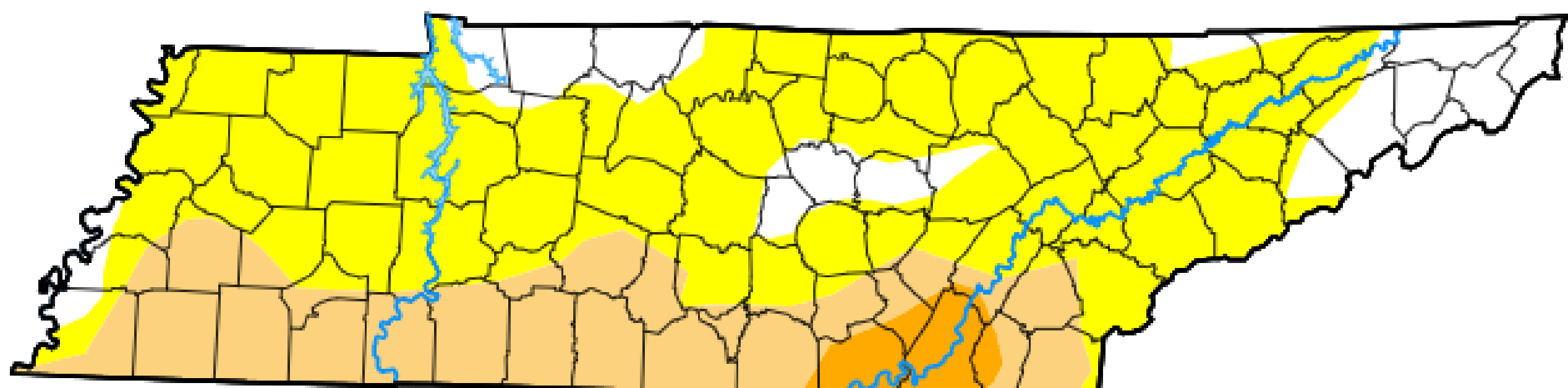


# Tennessee Drought Update

For the assessment period ending October 12th, 2023

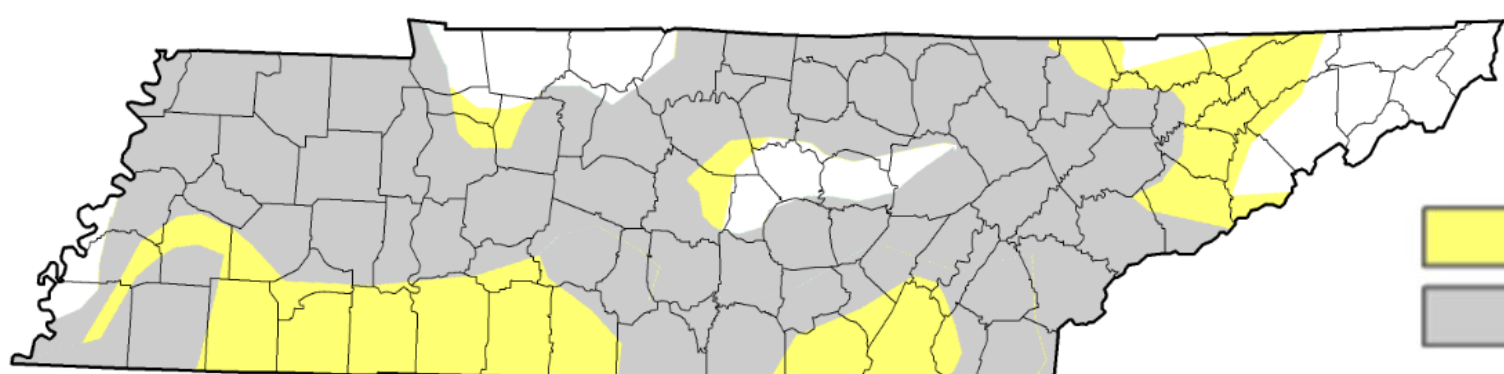
## This Week's Drought Monitor of Tennessee Map

*From the US Drought Monitor, authored by Brad Pugh, NOAA/CPC with input from the Tennessee Climate Office*



Continued below normal precipitation and warm daytime temperatures have led to expanding D1 and D2 conditions

### Change Since Last Week



1 Class Degradation  
 No Change

A product of the Tennessee Climate Office

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



# Statewide Condition Summary

**What's Changed?** Abnormally dry conditions have persisted across the majority the state, and moderate drought has continued to be an issue along the southern border of Tennessee. The brief rain that swept across the state last week did little to alleviate dry conditions and soil moisture and streamflow levels continue to drop.

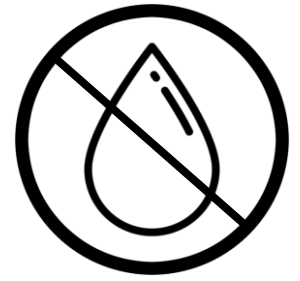
**What's New?** With lack of rain and soils drying out over the last drought monitoring period (Tuesday to Tuesday), D1 areas have expanded across the majority of the GA and AL borders. Severe drought (D2) has been designated for counties in Southeast TN (Franklin, Marion, Hamilton, Sequatchie, Rhea, Meigs, and Bradley counties).

**What's Next?** Very little rain is expected across Tennessee over the next week; therefore, we expect to see dry conditions persist or worsen by the next report.

## Statewide Coverage By Category

| Category                | Coverage This Week | Change Since Last Week |
|-------------------------|--------------------|------------------------|
| D0: Abnormally Dry      | 59.48%             | -3.83%                 |
| D1: Moderate Drought    | 23.53%             | +7.73%                 |
| D2: Severe Drought      | 3.31%              | +3.31%                 |
| D3: Extreme Drought     | 0.00%              | 0.00%                  |
| D4: Exceptional Drought | 0.00%              | 0.00%                  |

# Icon Library



No Precipitation



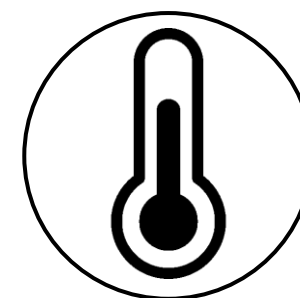
Increasing drought conditions



Rivers and Streams



Precipitation



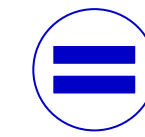
Temperatures



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