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Tennessee Climate Office Weekly Drought Summaries

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11-17-2022

### 2022 November 17 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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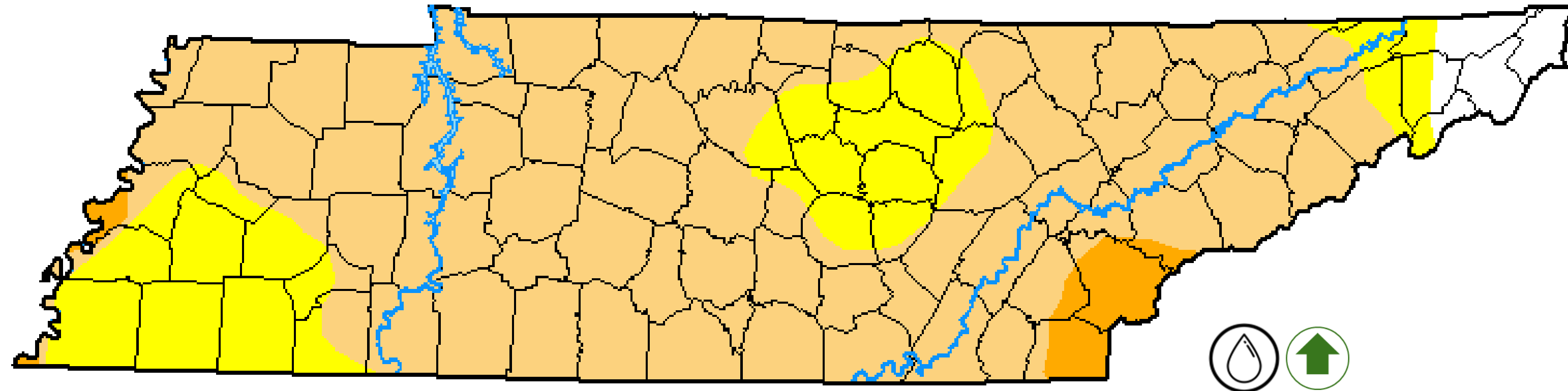
# Tennessee Drought Update

For the assessment period ending November 15th, 2022

# Statewide Condition Summary

## This Week's Drought Monitor of Tennessee Map

*From the US Drought Monitor, authored by Brad Rippey, U.S. Department of Agriculture with input from the Tennessee Climate Office*



Although West and Middle Tennessee counties received rain over the last drought monitoring period (Tuesday to Tuesday), there was not enough for widespread improvement. The Nashville area received heavy rainfall, resulting in a 1-class improvement in some locations.

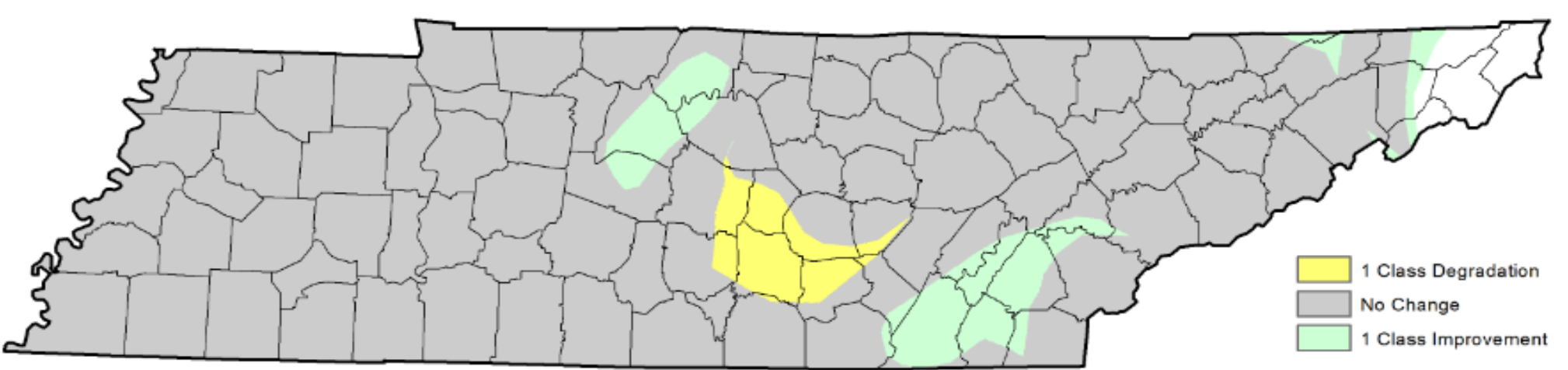
With rains from Tropical Storm Nicole and cooler temperatures, drought conditions in parts of East Tennessee showed some improvement.

**What's Changed?** Most of the state received some rain over the last drought monitoring period (Tuesday to Tuesday), allowing for one class improvements in parts of both East and Middle Tennessee. With lower precipitation amounts, a small area of class one degradation occurred in southeast Middle Tennessee and the Cumberland Plateau, centered around Coffee County.

**What's New?** Drought conditions expanded from Abnormally Dry (D0) to Moderate Drought (D1) in parts of eight counties between Nashville and Chattanooga. With rain from Tropical Storm Nicole there was some one class improvements from Severe Drought (D2) to Moderate Drought (D1) in southeast Tennessee and the Nashville area, and from Abnormally Dry (D0) to no drought in northeast Tennessee.

**What's Next?** With most of the state experiencing more rain just after the cut-off time for this week's Drought Monitor update and cooler temperatures expected in most of the state, drought improvement is expected in the coming week although drought conditions will persist in many areas across the state.

## Change Since Last Week



## Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	97.17%	-0.43%
D1: Moderate Drought	77.31%	+2.79%
D2: Severe Drought	3.11%	-5.82%
D3: Extreme Drought	0.00%	0.00%
D4: Exceptional Drought	0.00%	0.00%

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# Icon Library



No Precipitation



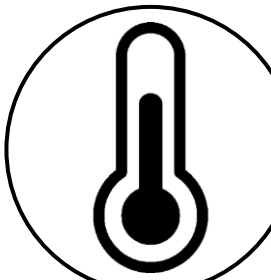
Increasing drought conditions



Rivers and Streams



Precipitation



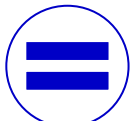
Temperatures



Improvement



A mixture of improving and worsening conditions



No Change



Worsening conditions



Hurricane/Tropical storm