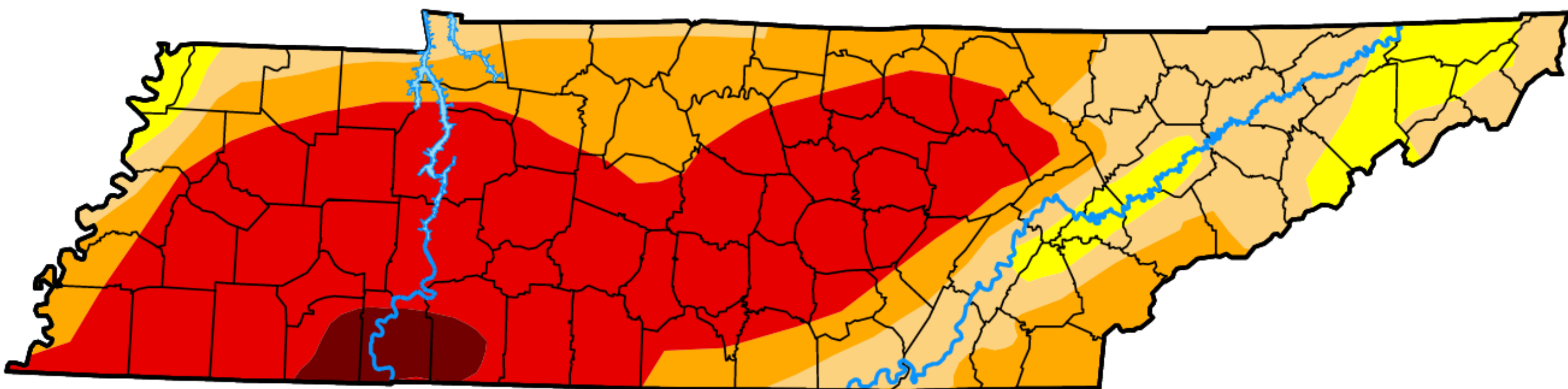


Tennessee Drought Update

For the assessment period ending January 2nd, 2024

This Week's Drought Monitor of Tennessee Map

From the US Drought Monitor, authored by Lindsay Johnson, National Drought Mitigation Center with input from the Tennessee Climate Office

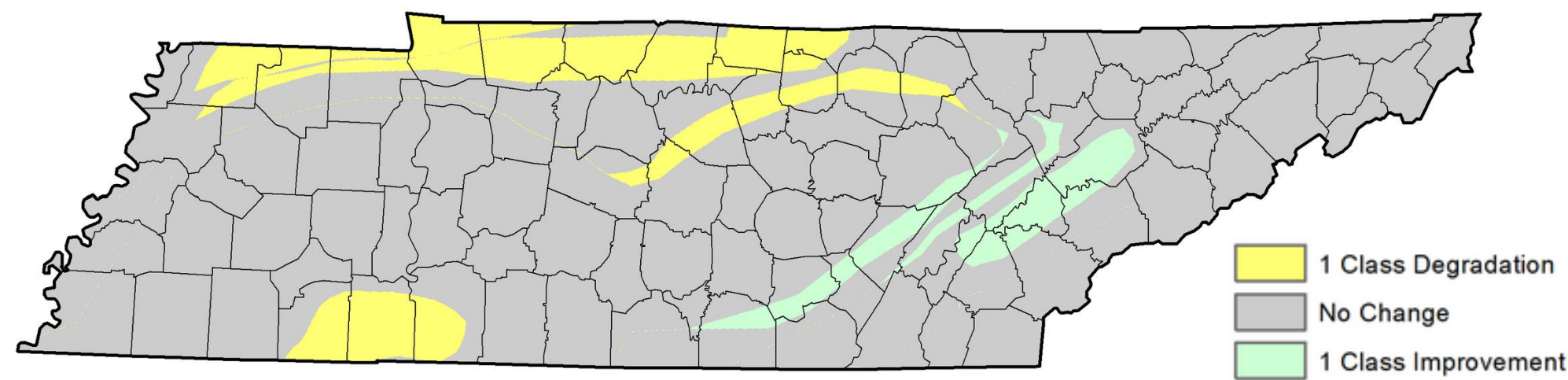


Little to no rain across West and Middle TN again, resulting in D3 expansion to the north and introduction of D4 in the south



Recent rainfall leading to 1 category improvement in and southwest of the Knoxville area, as well as the southeast wedge of the D3 area

Change Since Last Week



1 Class Degradation
 No Change
 1 Class Improvement

Statewide Condition Summary

What's Changed? Knoxville and other low elevation TN Valley locations to the southwest received 1+” of rain over the last monitoring period (Tuesday to Tuesday), resulting in improvement from Moderate Drought to Abnormally Dry. Northern Middle/West Tennessee missed out on significant rainfall again, resulting in a northward expansion of Extreme Drought and introduction of Exceptional Drought.

What's New? Extreme Drought (D3) extent remained about the same (~45%) with expansion in northern Middle/West TN and reduction along the Cumberland Plateau. Much of Knoxville and areas to the southwest are no longer in drought (though still Abnormally Dry) – the first time this area has not been in drought since October 10th.

What's Next? Over the next week, forecasts show widespread rainfall potential of 1.5-3” across Tennessee. This may result in 1-category improvements, especially in southeast Tennessee.

Statewide Coverage By Category

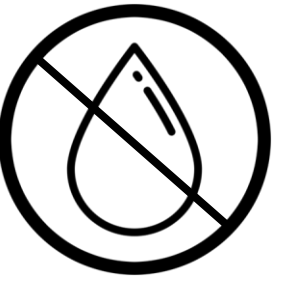
Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	6.93%	+0.15%
D1: Moderate Drought	20.64%	-4.67%
D2: Severe Drought	25.30%	+4.14%
D3: Extreme Drought	44.56%	-2.19%
D4: Exceptional Drought	2.57%	+2.57%

A product of the Tennessee Climate Office

www.etsu.edu/tn-climate



Icon Library



No Precipitation



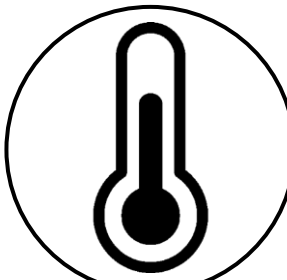
Increasing drought conditions



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