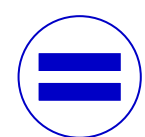
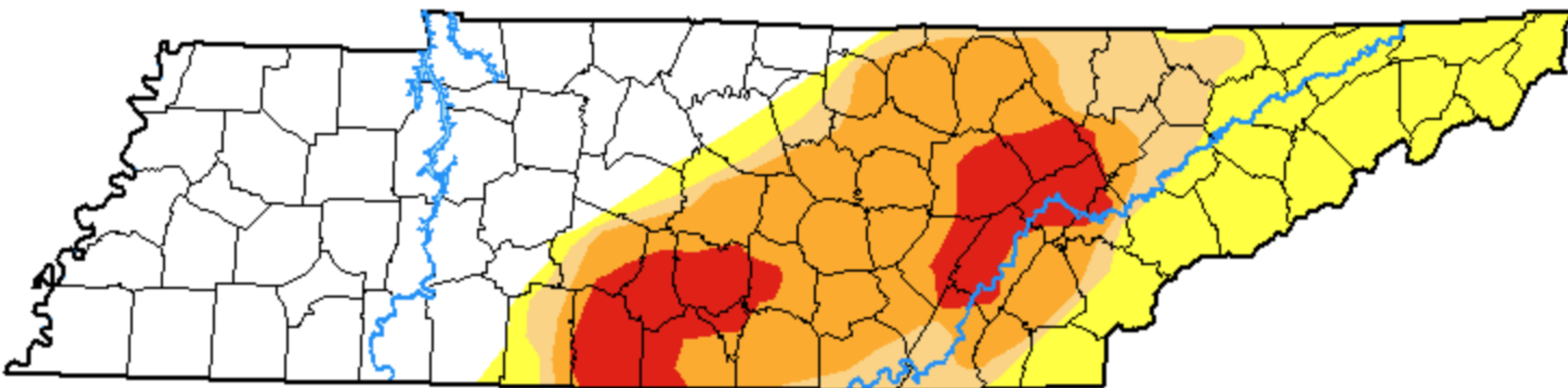


Tennessee Drought Update

For the assessment period ending December 17th, 2024

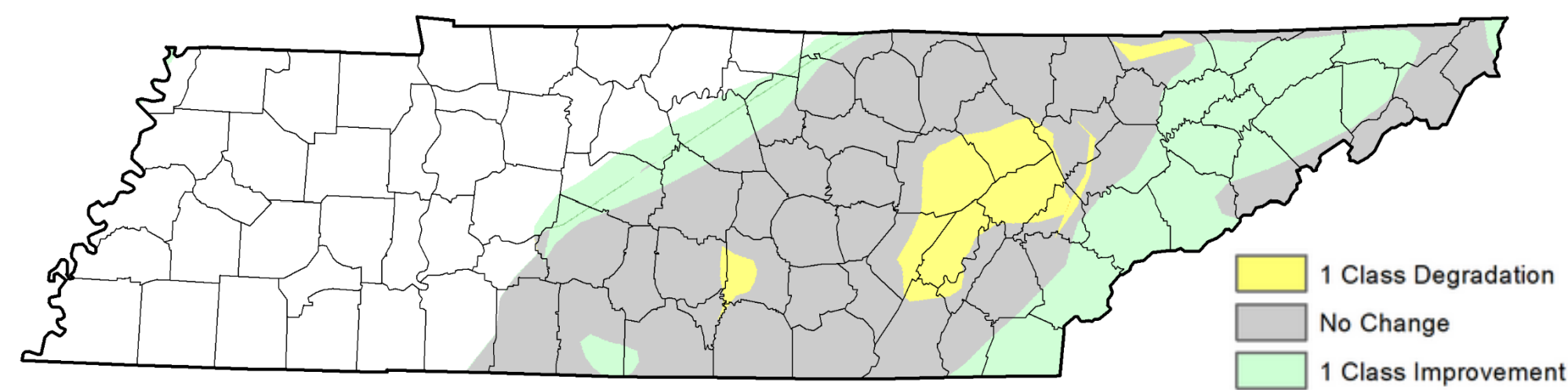
This Week's Drought Monitor of Tennessee Map

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



Recent rainfall leading to 1 category improvement in eastern TN, as well as parts of northern Middle TN. However, areas west of Knoxville received less, resulting in 1 category degradation.

Change Since Last Week



1 Class Degradation
 No Change
 1 Class Improvement

A product of the Tennessee Climate Office

www.etsu.edu/tn-climate



Statewide Condition Summary

What's Changed? The small area of Exceptional Drought (D4) in Giles/Lincoln counties received ~1" of rain, leading to modest improvement to Extreme Drought (D3), while D3 was extended eastward from Bedford into Coffee County. A large area of D3 was added west of Knoxville and north of Chattanooga. Rainfall east of this area resulted in improvements from Moderate Drought (D1) to Abnormally Dry (D0), with similar improvements south and east of Nashville.

What's New? A large new area of Extreme Drought (D3) was added in East Tennessee and includes Morgan, Roane, Cumberland, Bledsoe, Rhea, Meigs, Loudon, Scott, and Anderson counties. D3 was also introduced into Coffee County. Because of rainfall in parts of East TN and northern Middle TN, 13.8% of the state has transitioned out of drought.

What's Next? Parts of northern Middle TN, possibly into the northern Cumberland Plateau, may receive enough rainfall for some additional improvements. However, remaining areas currently experiencing drought conditions are not expected to improve or decline further.

Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	18.48%	+11.83%
D1: Moderate Drought	8.98%	-13.97%
D2: Severe Drought	20.42%	-4.59%
D3: Extreme Drought	8.92%	+5.17%
D4: Exceptional Drought	0.00%	-0.42%

Icon Library



No Precipitation



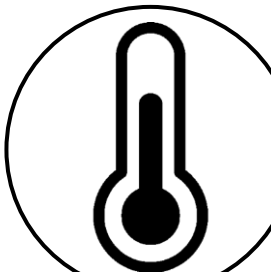
Increasing drought conditions



Rivers and Streams



Precipitation



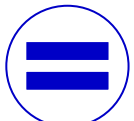
Temperatures



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