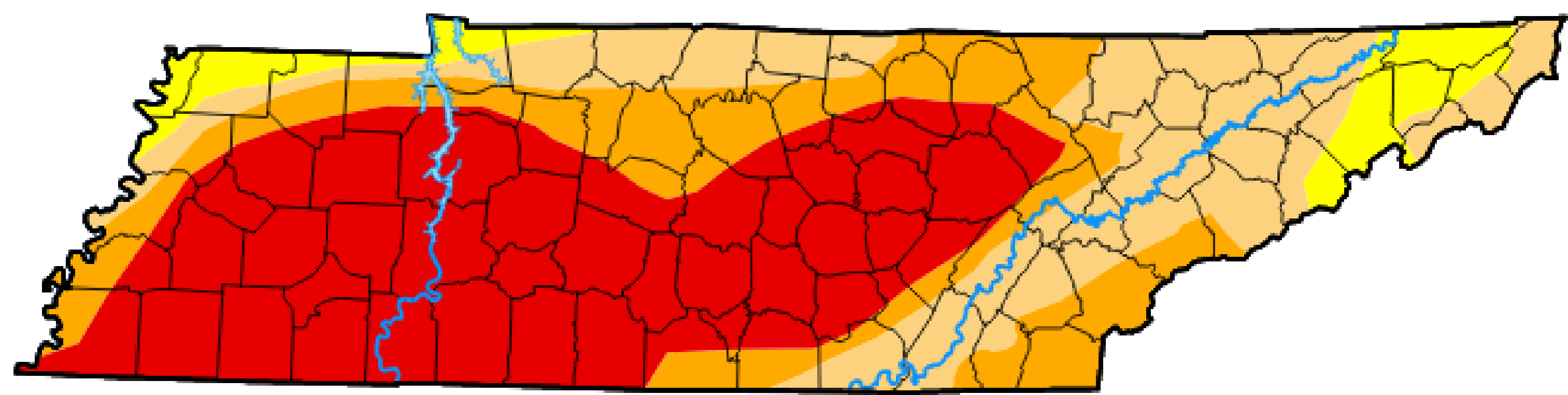# Tennessee Drought Update

For the assessment period ending December 26th, 2023

This Week's Drought Monitor of Tennessee Map

From the US Drought Monitor, authored by Rocky Bilotta, NOAA/NCEI with input from the Tennessee Climate Office

What's Changed? Chattanooga and some surrounding locations received 1" or more of rain over the last monitoring period (Tuesday to Tuesday), resulting in improvement from Severe Drought to Moderate Drought. West and Middle Tennessee missed out on significant rainfall, resulting in a northward expansion of Extreme Drought.

What's New? Extreme Drought (D3) was again extended in West and Middle Tennessee with over 45% of the state in Extreme Drought (a >17% increase from last week). The Chattanooga area improved to Moderate Drought (D1) – the first time this area has not been in Severe Drought (D2) or worse since September.

What's Next? Over the next week, forecasts show minimal rainfall potential of less than 0.1" across Tennessee. This may result in widespread degradation with Exceptional Drought (D4) possible in southern Middle Tennessee.

Little to no rain across West and Middle TN, resulting in D3 expansion

Recent rainfall leading to 1 category improvement in and around the Chattanooga area

Change Since Last Week

1 Class Degradation
No Change
1 Class Improvement
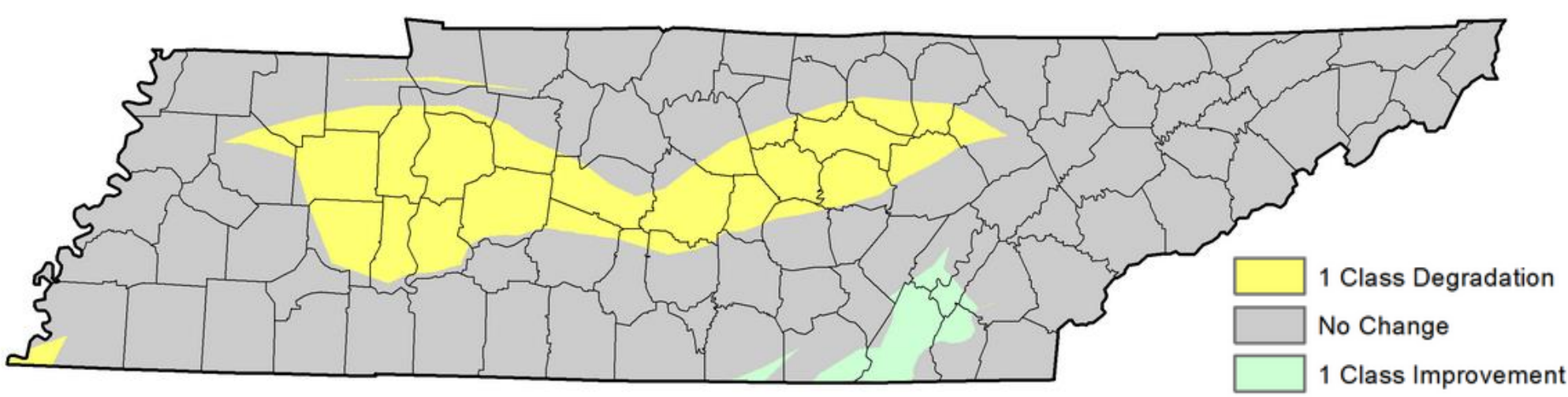
A product of the **Tennessee Climate Office**
www.etsu.edu/tn-climate

Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	6.78%	0.00%
D1: Moderate Drought	25.31%	+2.10%
D2: Severe Drought	21.16%	-19.8%
D3: Extreme Drought	**46.75%**	**+17.70%**
D4: Exceptional Drought	**0.00%**	**0.00%**

Icon Library
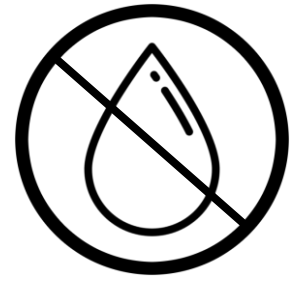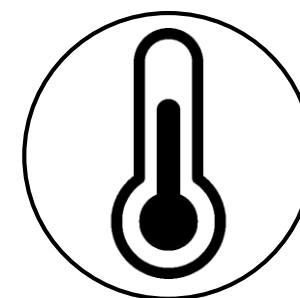
No Precipitation

Increasing drought conditions
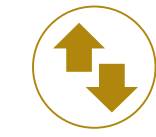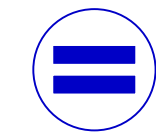
Rivers and Streams

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