

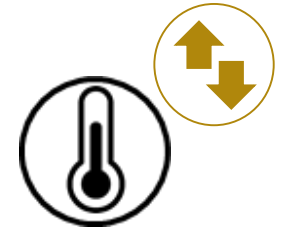
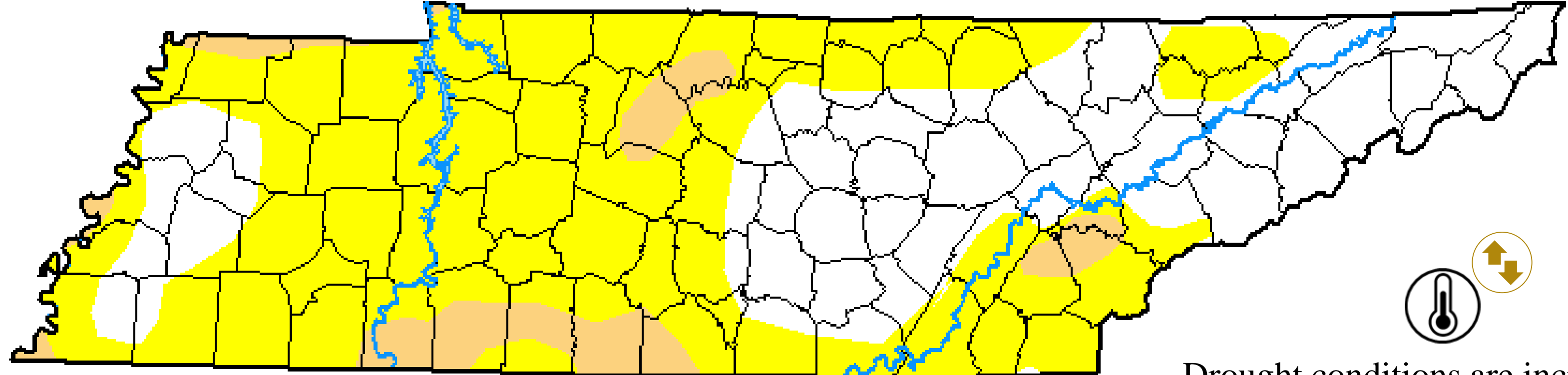
Tennessee Drought Update

For the assessment period ending October 6th, 2022

Statewide Condition Summary

This Week's Drought Monitor of Tennessee Map

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

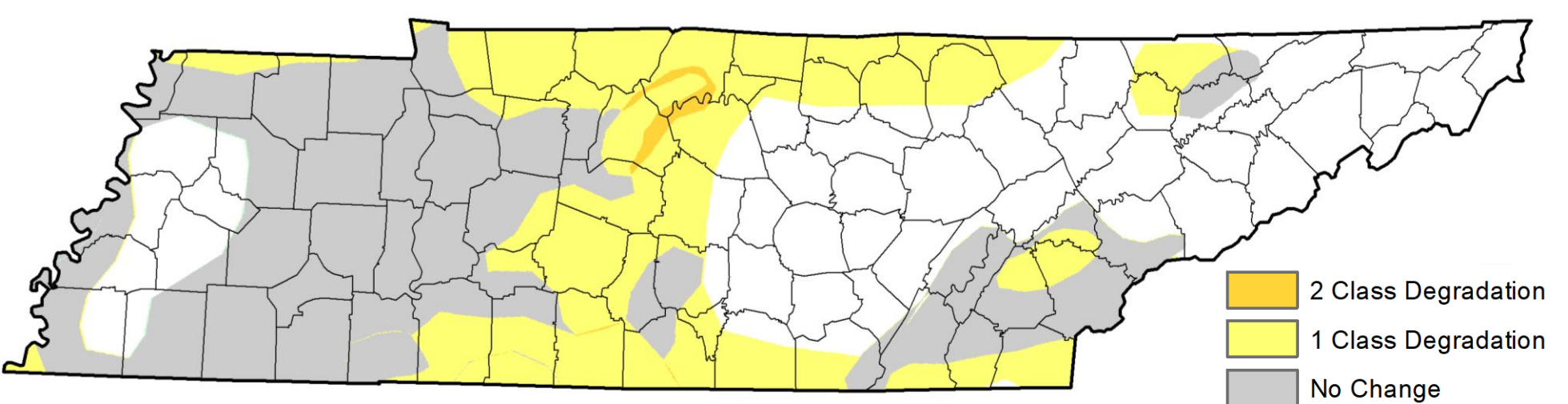


Drought conditions are increasing in East Tennessee, but below average temperatures for this time of year are somewhat moderating the expansion and severity of drought

In Middle Tennessee, Moderate Drought (D1) and Abnormally Dry (D0) conditions have increased with most locations receiving little to no rain for at least the past two weeks



Change Since Last Week



What's Changed? There were several expanded areas of Abnormally Dry and Moderate Drought conditions this week. The greatest change occurred in Middle Tennessee where we see one and even some two class degradation across multiple counties.

What's New? With little to no rainfall over the past 2+ weeks in Middle and West Tennessee counties experienced an increase in drought conditions. The ongoing lack of rain has resulted in many Tennessee counties being included in D0/D1 drought categories.

What's Next? With warmer temperatures and a lack of rain in West and Middle Tennessee counties, we expect drought conditions to persist and likely expand until we gain some relief from the current dry conditions. Counties in East Tennessee are expected to experience a continued drying pattern with temperatures being at or just below average for this time in October.

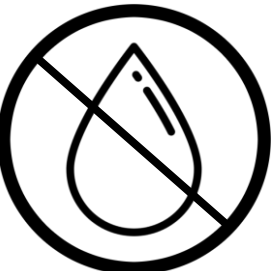
Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	62.92%	+21.72%
D1: Moderate Drought	7.34%	+6.35%
D2: Severe Drought	0.00%	0.00%
D3: Extreme Drought	0.00%	0.00%
D4: Exceptional Drought	0.00%	0.00%

A product of the Tennessee Climate Office
www.etsu.edu/tn-climate



Icon Library



No Precipitation



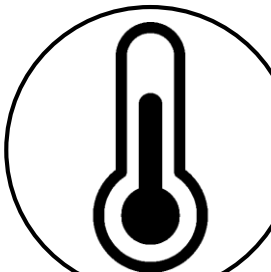
On going drought



Rivers and Streams



Precipitation



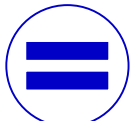
Temperatures



Improvement



A mixture of improving and worsening conditions



No Change



Worsening conditions



Hurricane/Tropical storm