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10-20-2022

2022 October 20 - Tennessee Weekly Drought Summary

Tennessee Climate Office, East Tennessee State University

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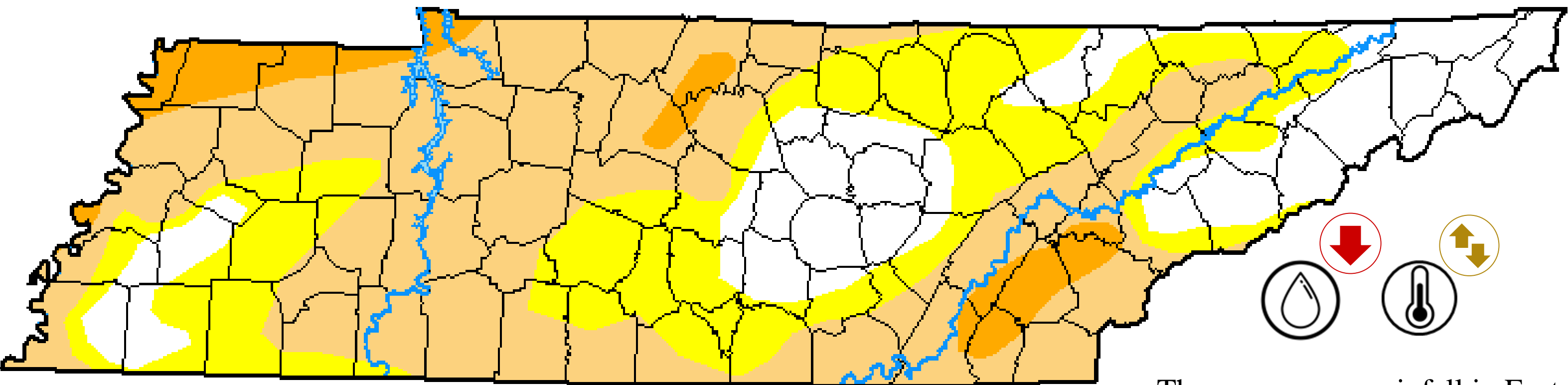
Tennessee Drought Update

For the assessment period ending October 20th, 2022

Statewide Condition Summary

This Week's Drought Monitor of Tennessee Map

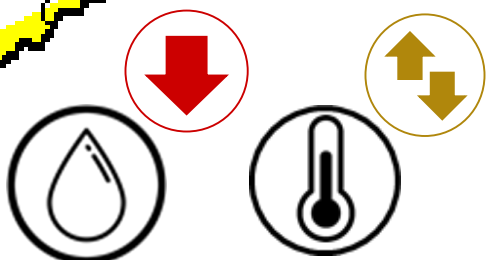
From the US Drought Monitor, authored by Adam Hartman
NOAA/NWS/NCEP/CPC with input from the Tennessee Climate Office



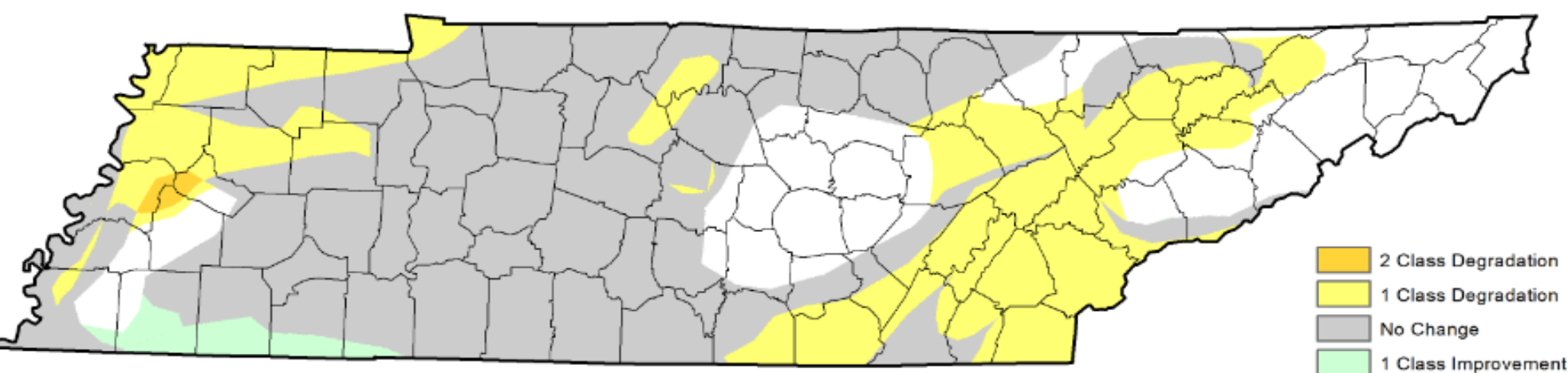
In Middle and West Tennessee, Moderate Drought (D1) and Abnormally Dry (D0) conditions have continued to increase in northern counties, with Severe Drought (D2) moving into the northwest and parts of Middle TN. However, beneficial rains kept many central and southern counties at their previous drought levels.



There was some rainfall in East Tennessee but not enough to keep drought conditions from deteriorating in many areas. Overall seasonal temperatures kept the area from drying out more.



Change Since Last Week



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



What's Changed? Throughout Tennessee there are several expanded areas of Abnormally Dry and Moderate Drought conditions this week, with some areas of Severe Drought also occurring across the state. The greatest change occurred in East Tennessee and West Tennessee where there was some 1- and even 2-class degradation along with a small area of 1-class improvements across multiple southwest counties.

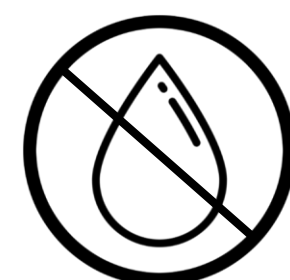
What's New? Even with some rainfall in areas of West and East Tennessee, drought conditions continued to expand. Severe Drought conditions were introduced in parts of all three Grand Divisions of Tennessee. There was some drought improvement in a few southwest Tennessee counties.

What's Next? With the rain again leaving the state, drought conditions are expected to continue and likely expand until we gain some relief from the current dry conditions. Counties across Tennessee will experience a warming trend throughout the next drought monitoring period, further exacerbating drought conditions.

Statewide Coverage By Category

Category	Coverage This Week	Change Since Last Week
D0: Abnormally Dry	79.01%	+4.90%
D1: Moderate Drought	51.63%	+12.92%
D2: Severe Drought	6.26%	+6.12%
D3: Extreme Drought	0.00%	0.00%
D4: Exceptional Drought	0.00%	0.00%

Icon Library



No Precipitation



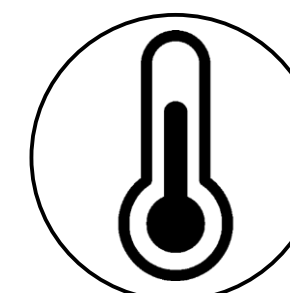
On going drought



Rivers and Streams



Precipitation



Temperatures



Improvement



A mixture of improving and worsening conditions



No Change



Worsening conditions



Hurricane/Tropical storm