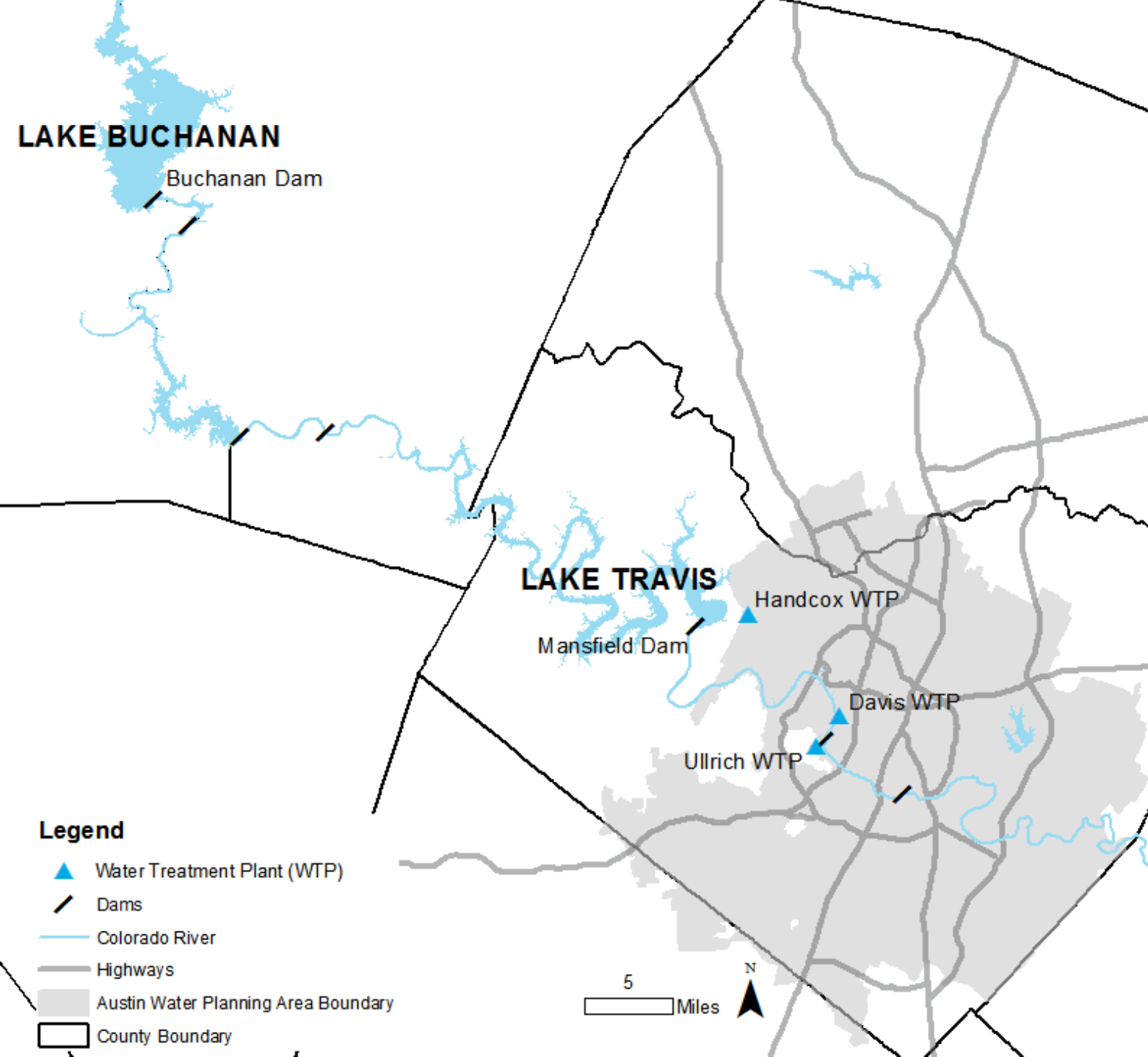




WATER SUPPLY UPDATE

Water & Wastewater Commission | September 13, 2023





Water Supplies

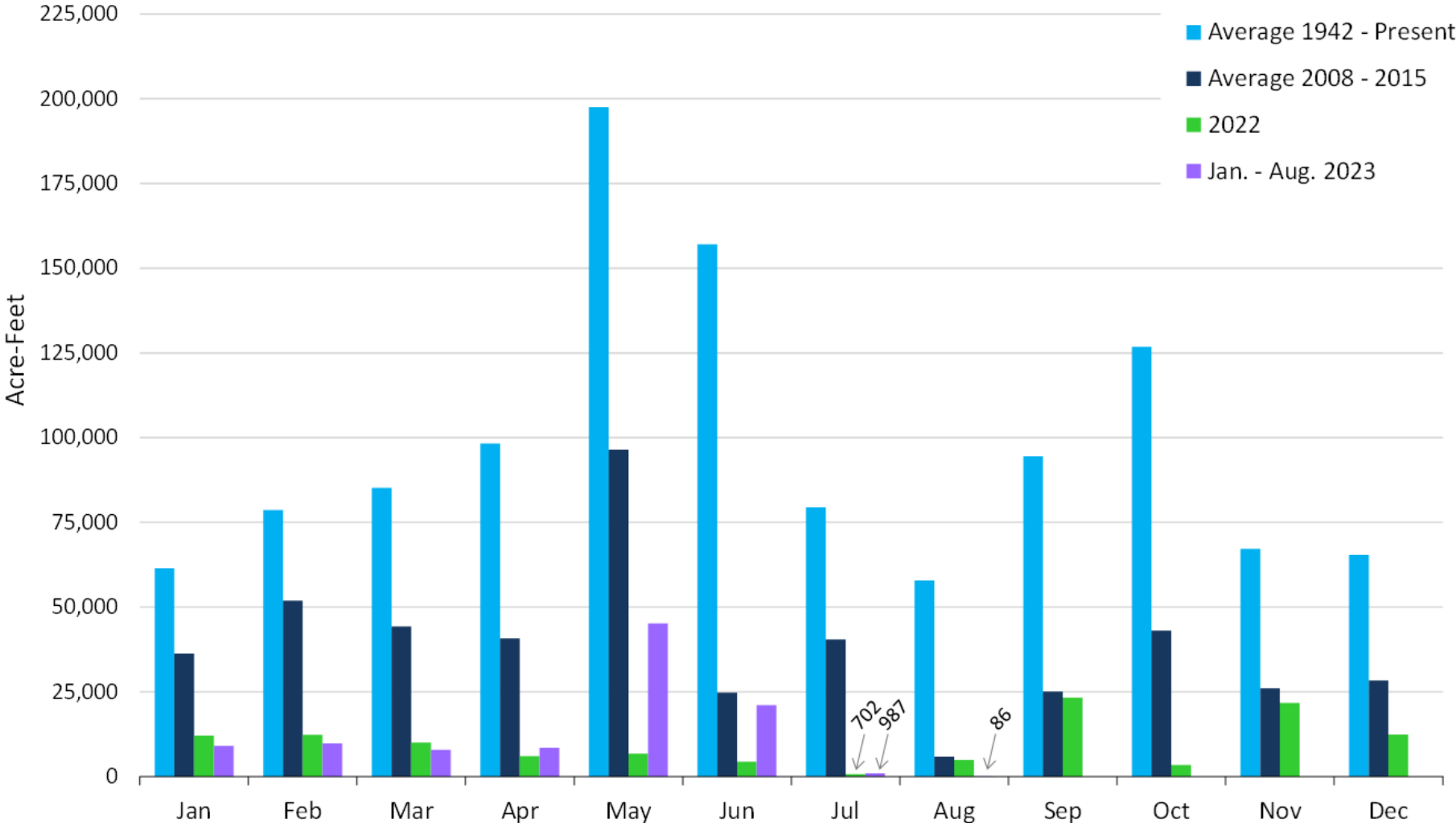
City of Austin has access to water supplies of up to 325,000 acre-feet per year

Municipal supply comes from a combination of:

- City of Austin senior water rights (run-of-river)
- Water supply contracts with LCRA (providing firm water and firm back-up to Run of River rights)

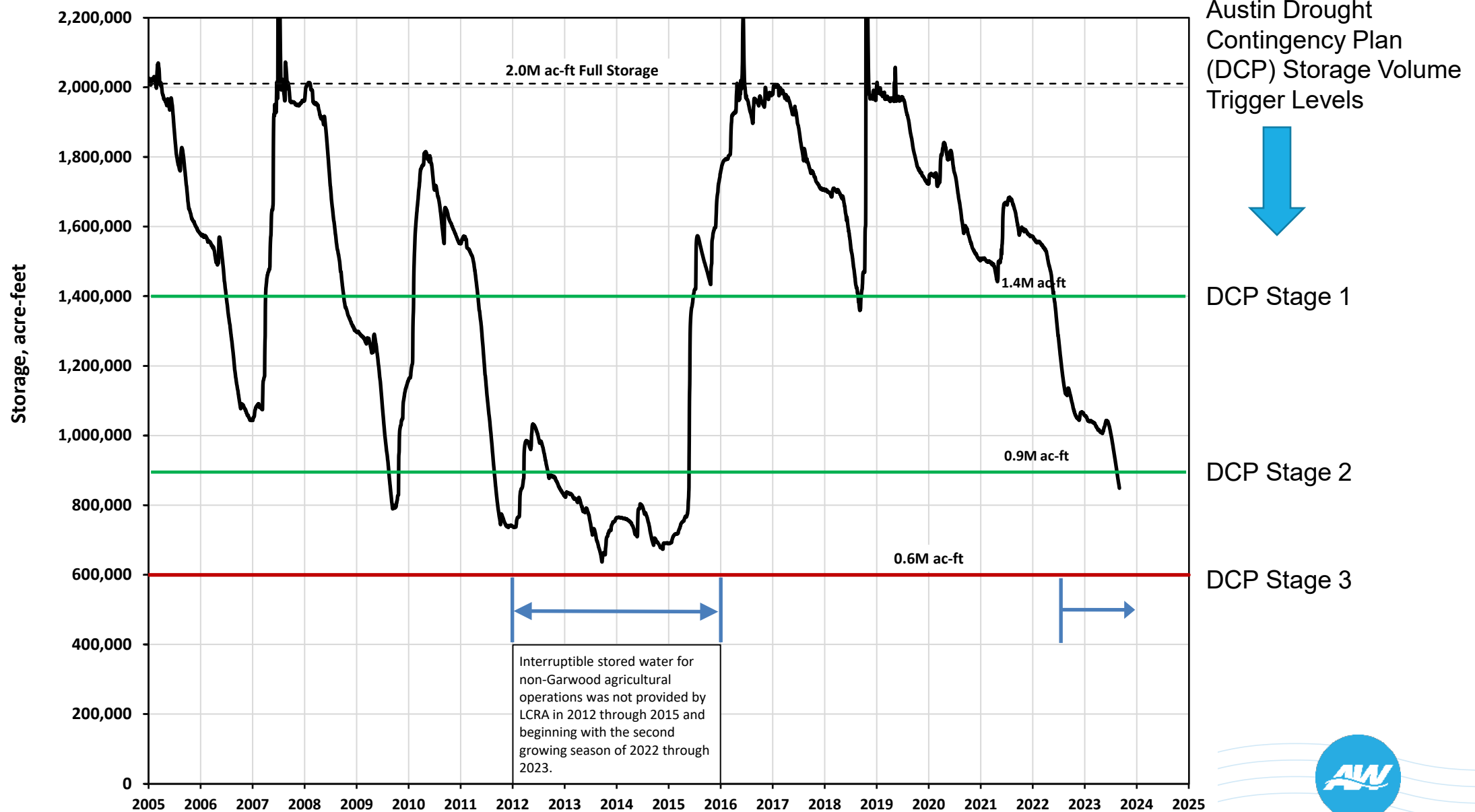


Highland Lakes Inflows



Combined Storage of Lakes Buchanan and Travis

January 1, 2005 through September 1, 2023



Texas Water Weekly

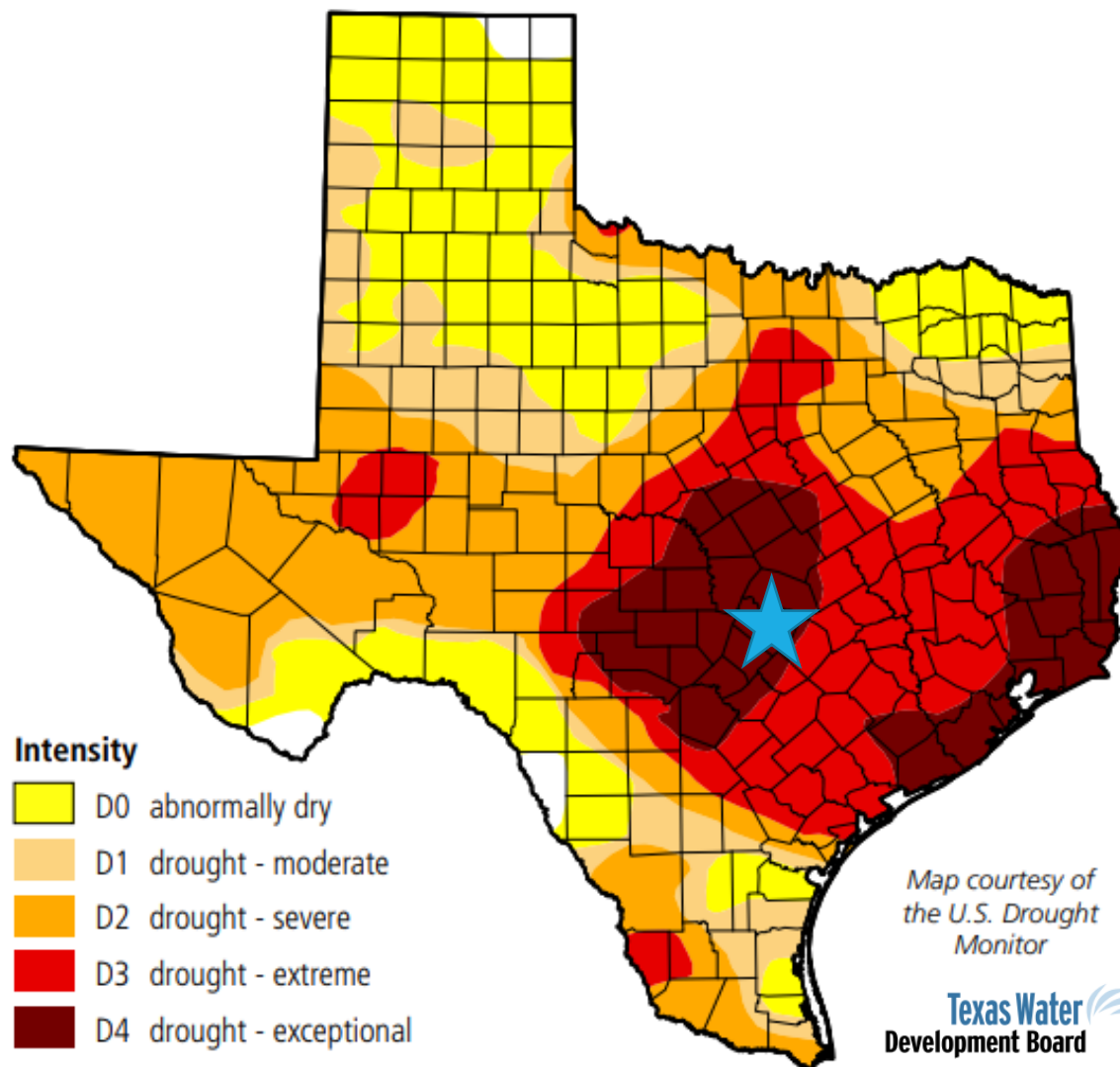
For the week of 09/05/23

Water conditions

This week's drought map shows that rainfall from Tropical Storm Harold remnants brought one to two categories of drought improvement to parts of South Texas. While other parts of the state saw continued degradation, the overall area of the state impacted by drought decreased for the first time in 11 weeks.

Drought conditions

- ◆ 76% now
- ◆ 79% a week ago
- ◆ 34% three months ago
- ◆ 76% a year ago

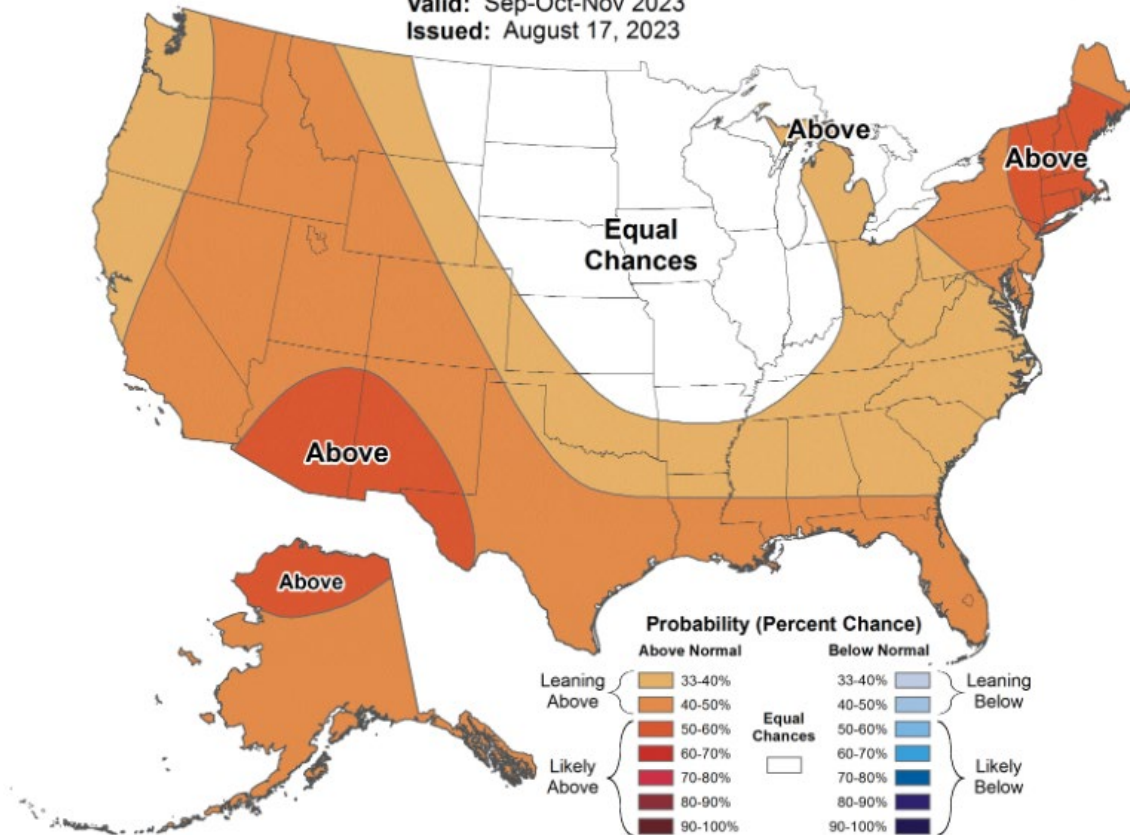


NOAA 3-Month Outlook: Aug - Oct



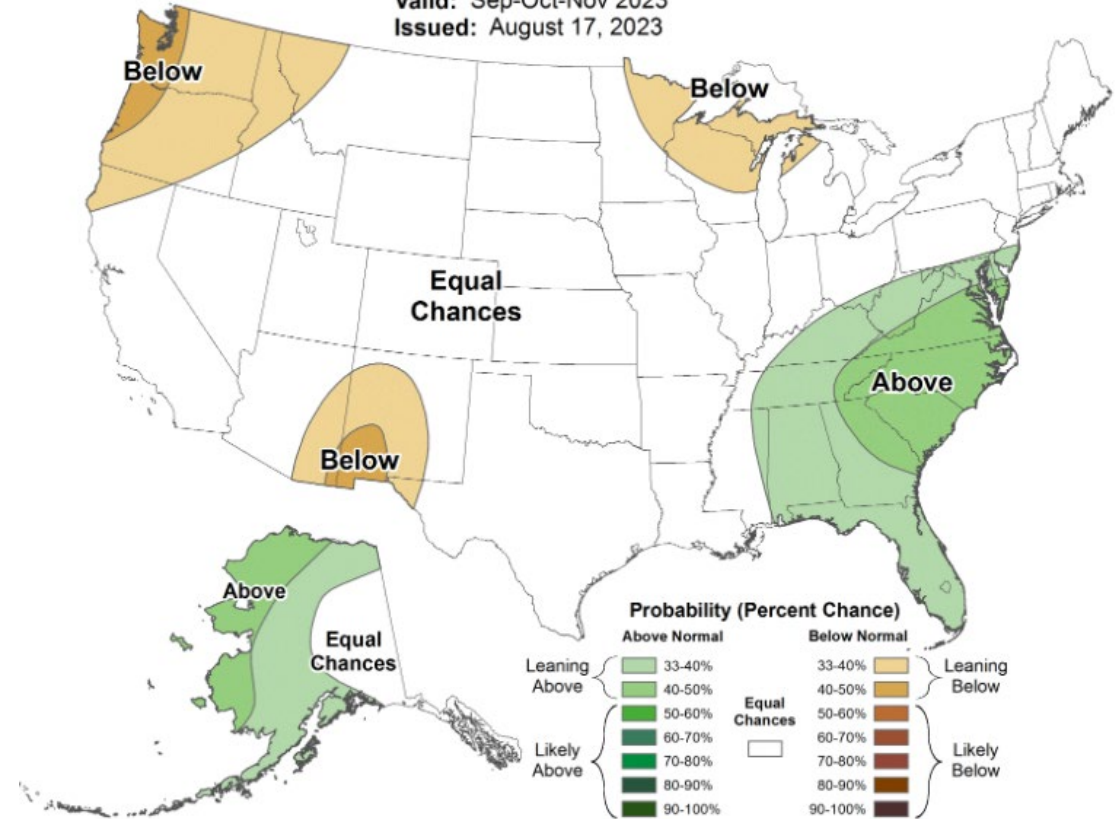
Seasonal Temperature Outlook

Valid: Sep-Oct-Nov 2023
Issued: August 17, 2023



Seasonal Precipitation Outlook

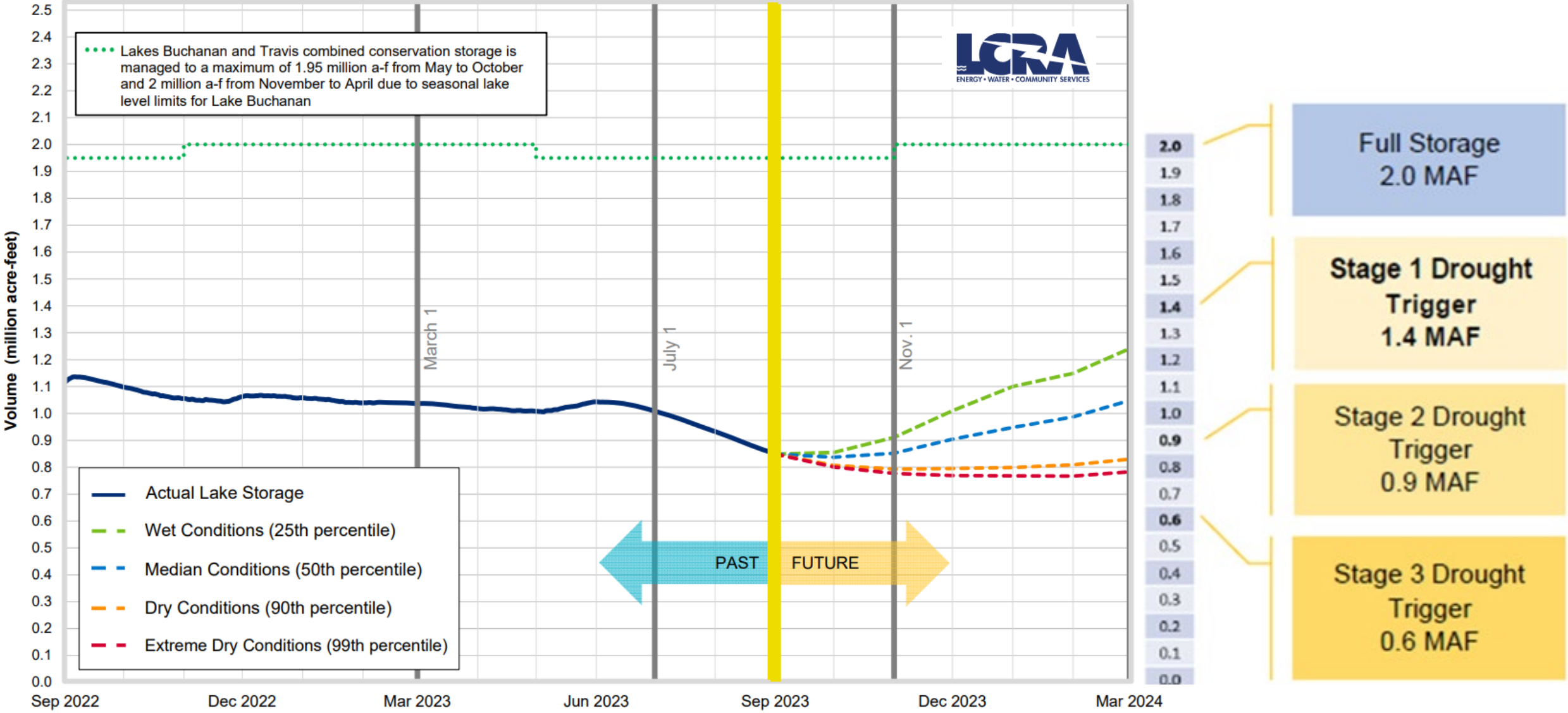
Valid: Sep-Oct-Nov 2023
Issued: August 17, 2023



The seasonal outlooks combine long-term trends, soil moisture, and El Niño/Southern Oscillation. El Niño is anticipated to continue through the Northern Hemisphere winter (with greater than 95% chance through December 2023 -February 2024).



Lakes Buchanan and Travis Total Combined Storage Projections



Date: Sept. 1, 2023

Note: One acre-foot equals 325,851 gallons



Ongoing Activities

Monitoring

- Continued monitoring of Highland Lakes inflows, combined storage levels, forecasted weather conditions, and climate patterns
- Ongoing coordination with the Lower Colorado River Authority (LCRA) through our Water Partnership

Planning

- AW updating the Water Forward plan, with anticipated completion in 2024
- AW involved in the Region K water supply planning process

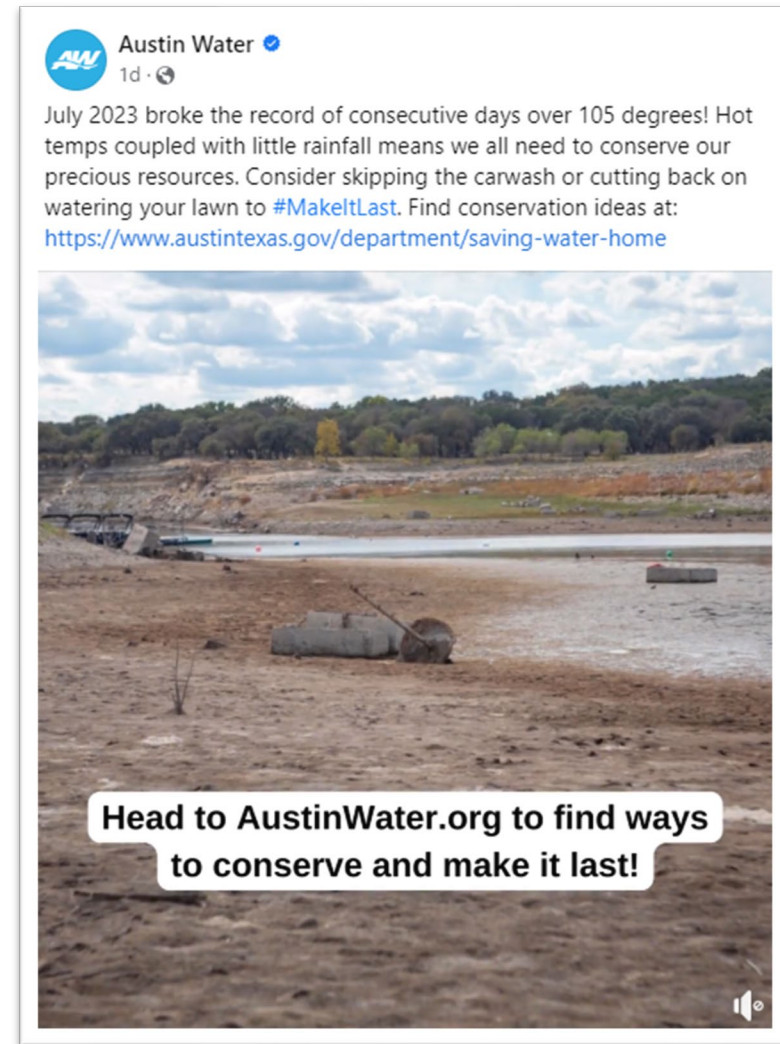
Implementation

- Water Forward conservation and reuse strategies
- Aquifer Storage and Recovery pilot project
- Indirect Potable Reuse preliminary planning



Recent Activities

- 💧 June 2022 – Drought Stage 1
- 💧 Ongoing public messaging
 - Drought Response web page
 - Social media
 - Paid advertising
 - Portal messaging
 - Outreach events
- 💧 August 15 – Drought Stage 2



Stage 2 Drought Restrictions

- Landscape watering
 - Automatic irrigation
 - 1x per week (Wed/Thur)
 - Midnight – **5:00 am**, 7:00 pm – midnight
 - Hose-end sprinklers
 - **1x** per week (Sat/Sun)
 - Midnight – 10:00 am, 7:00 pm – midnight
 - Increased enforcement patrols and investigations
- Ornamental fountains >4” are prohibited
- Golf course fairways irrigated 1x per week
- Charity car washes not allowed
- Landscape establishment is no longer exempt from watering schedule



Next Steps

- For our customers - we're in this together!
 - Take time to look at your own water use
 - Sign up for leak alerts in the My ATX Water portal
 - Ensure you know your watering schedule and are following it
 - Take steps to save water
- For more information: [AustinWater.org](https://www.austinwater.org)





Questions

