

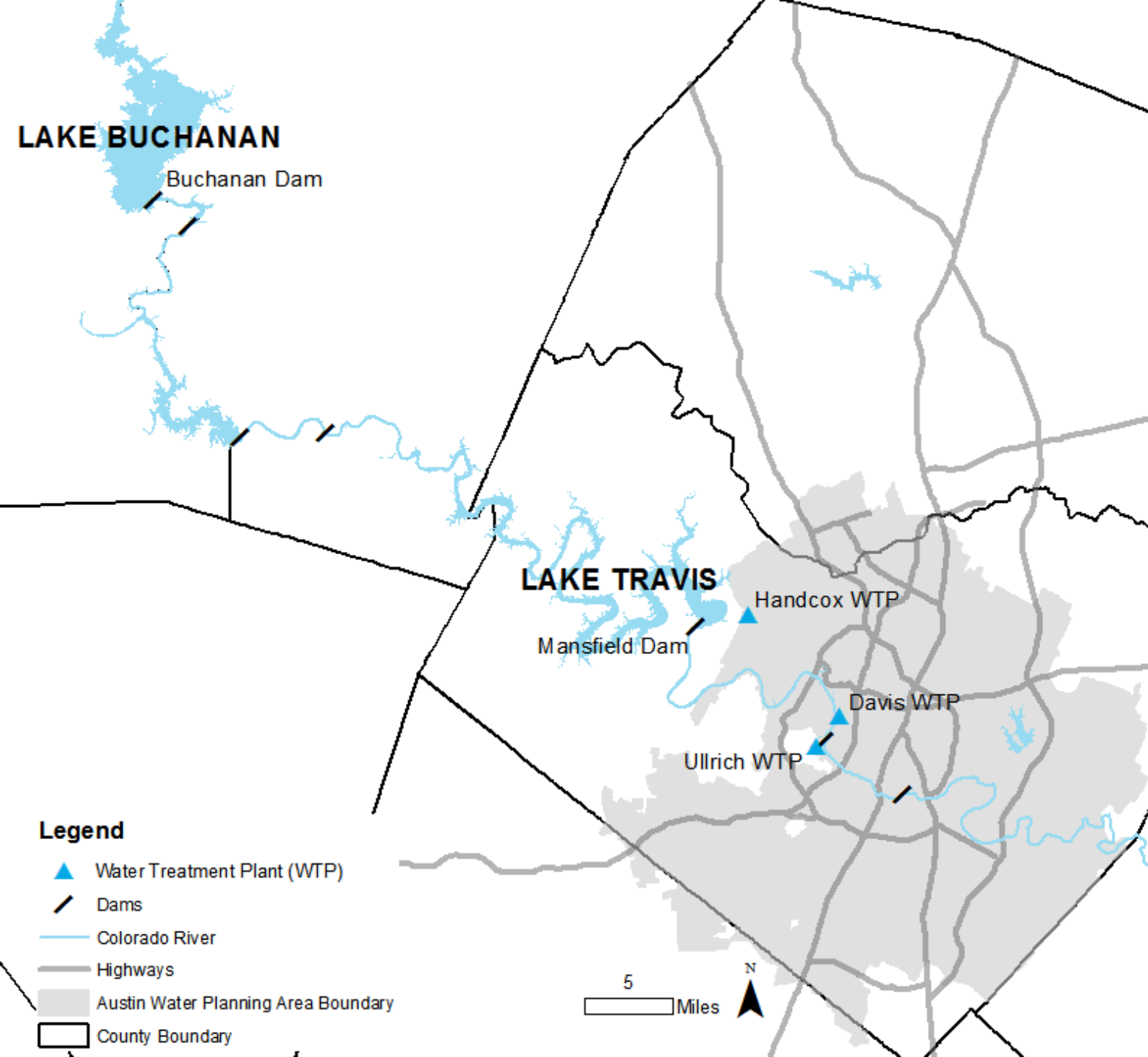


# WATER SUPPLY UPDATE

Austin Water Oversight Committee | August 23, 2023







# Water Supplies

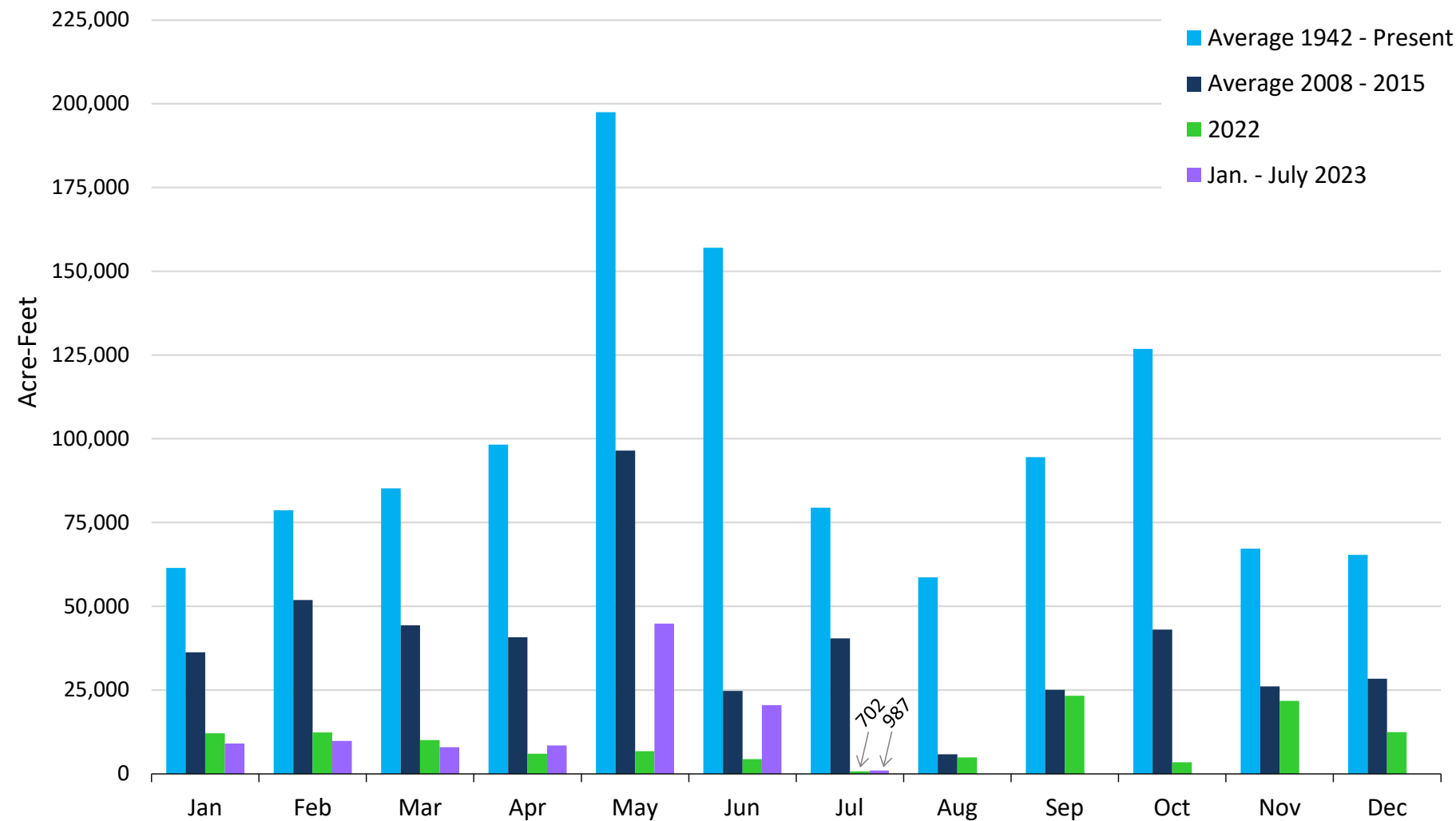
City of Austin has access to water supplies of up to 325,000 acre-feet per year

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)

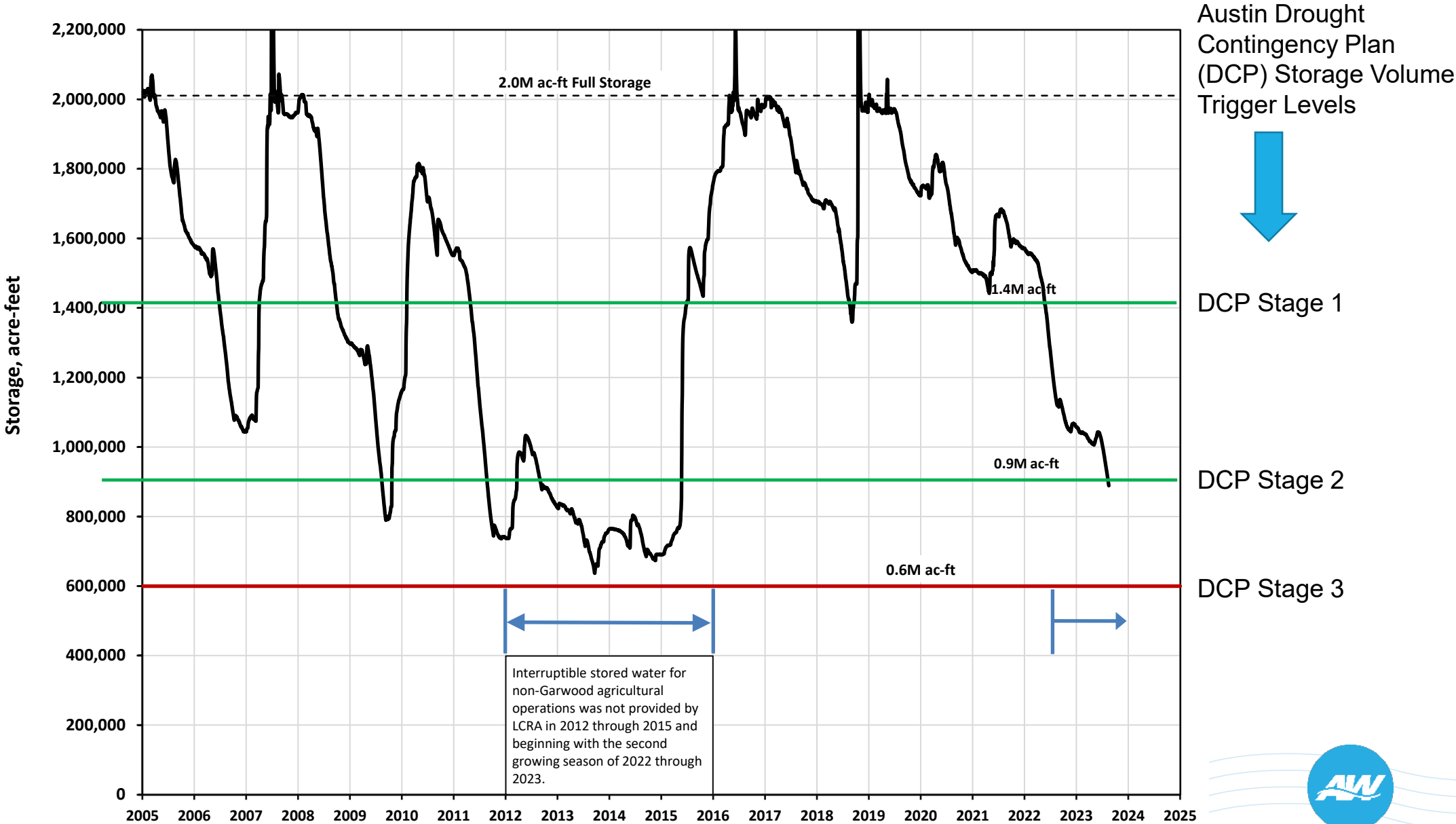


# Highland Lakes Inflows



# Combined Storage of Lakes Buchanan and Travis

January 1, 2005 through August 17, 2023



# Texas Water Weekly

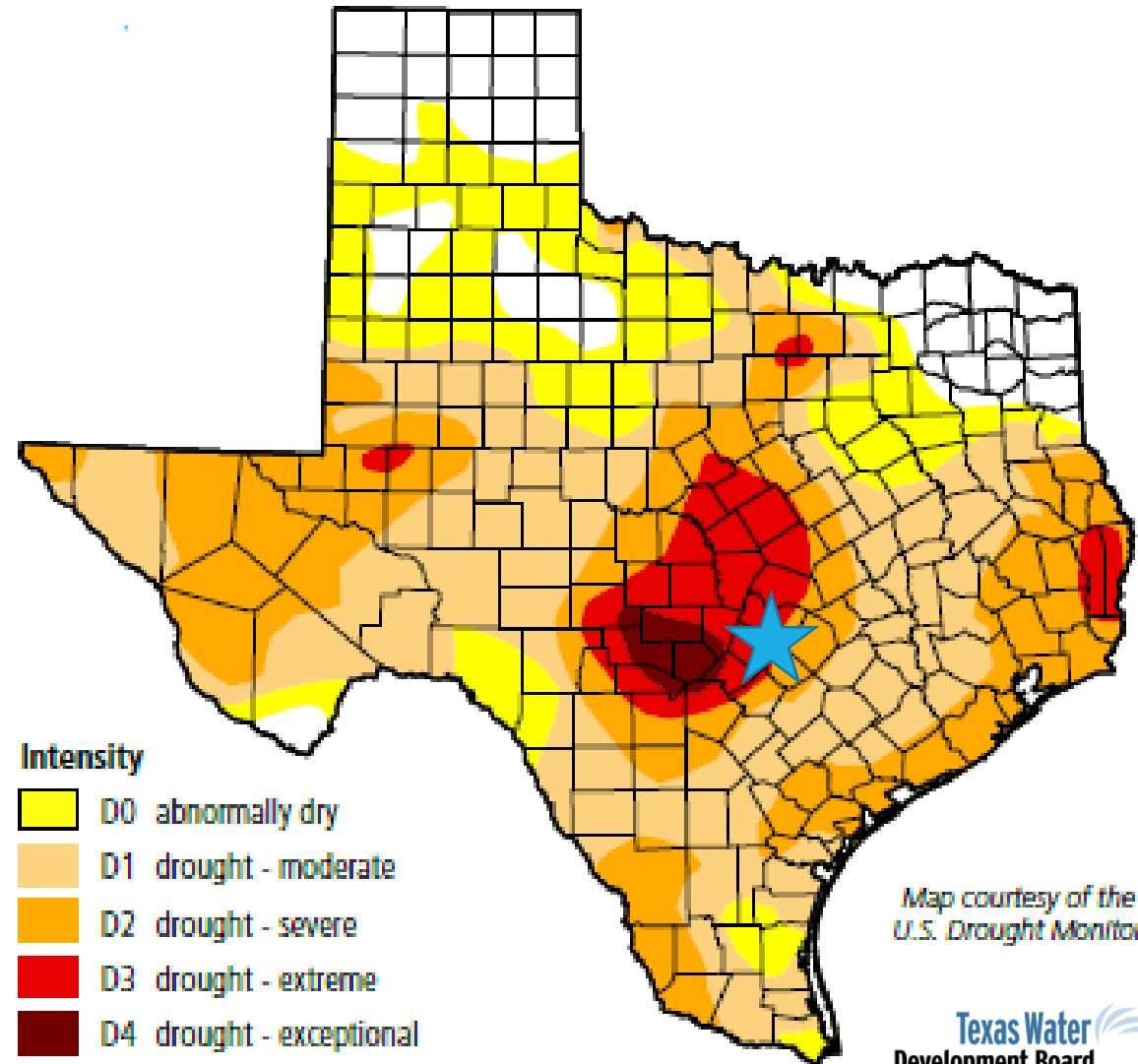
*For the week of 08/14/23*

## Water conditions

The area of the state impacted by drought increased for the eighth consecutive week. Large areas across the entire state experienced one class of drought degradation, and the most recent increase was the largest weekly increase in three years. Drought has reached its largest extent since early November 2022.

## Drought conditions

- 💧 69% now
- 💧 52% a week ago
- 💧 52% three months ago
- 💧 96% a year ago



Texas Water  
Development Board

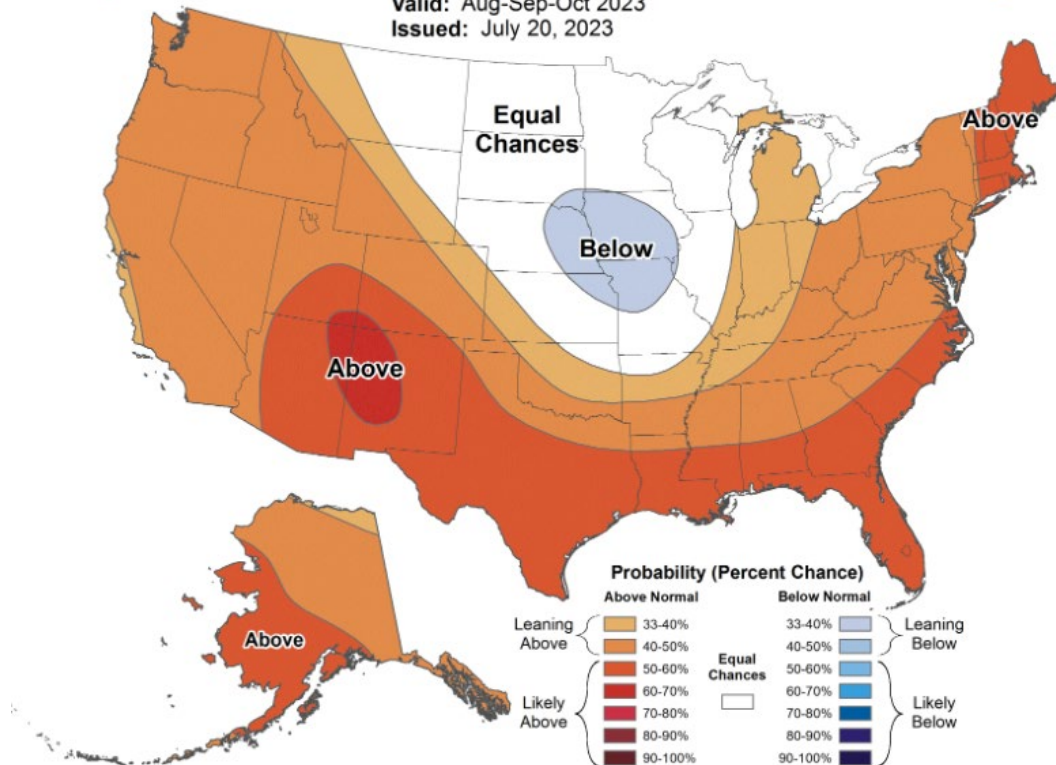


# NOAA 3-Month Outlook: Aug - Oct



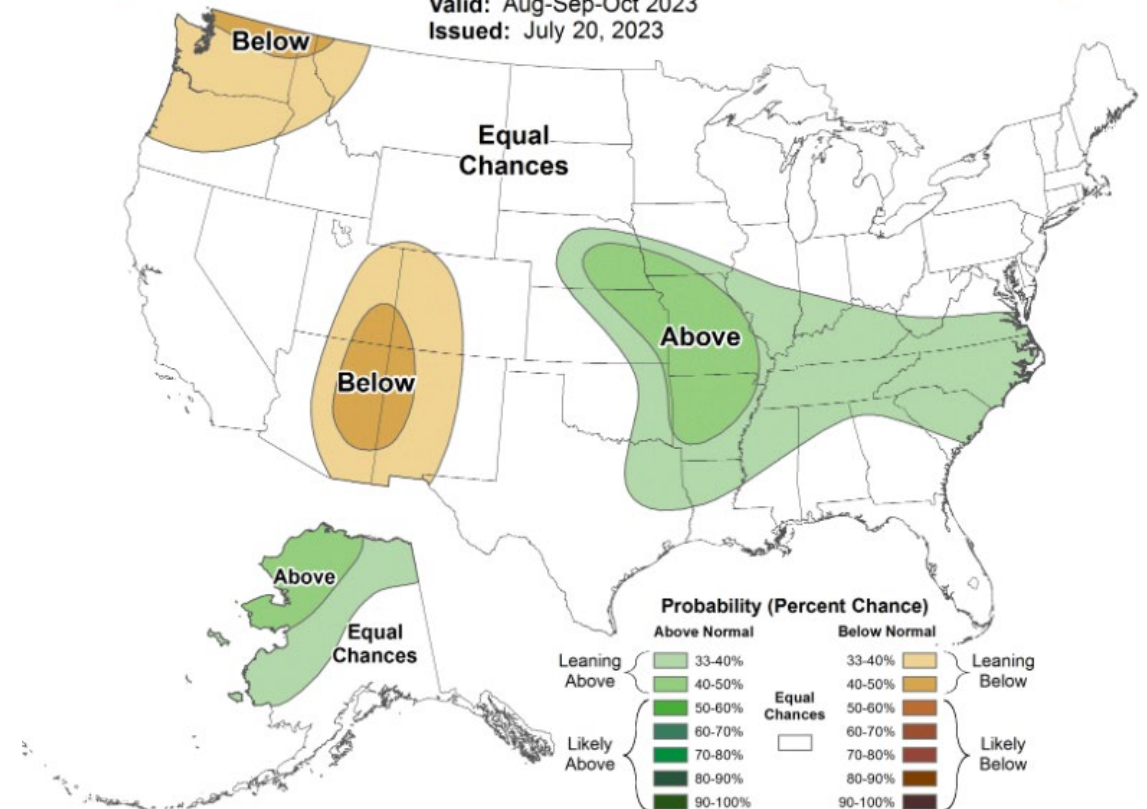
## Seasonal Temperature Outlook

Valid: Aug-Sep-Oct 2023  
Issued: July 20, 2023



## Seasonal Precipitation Outlook

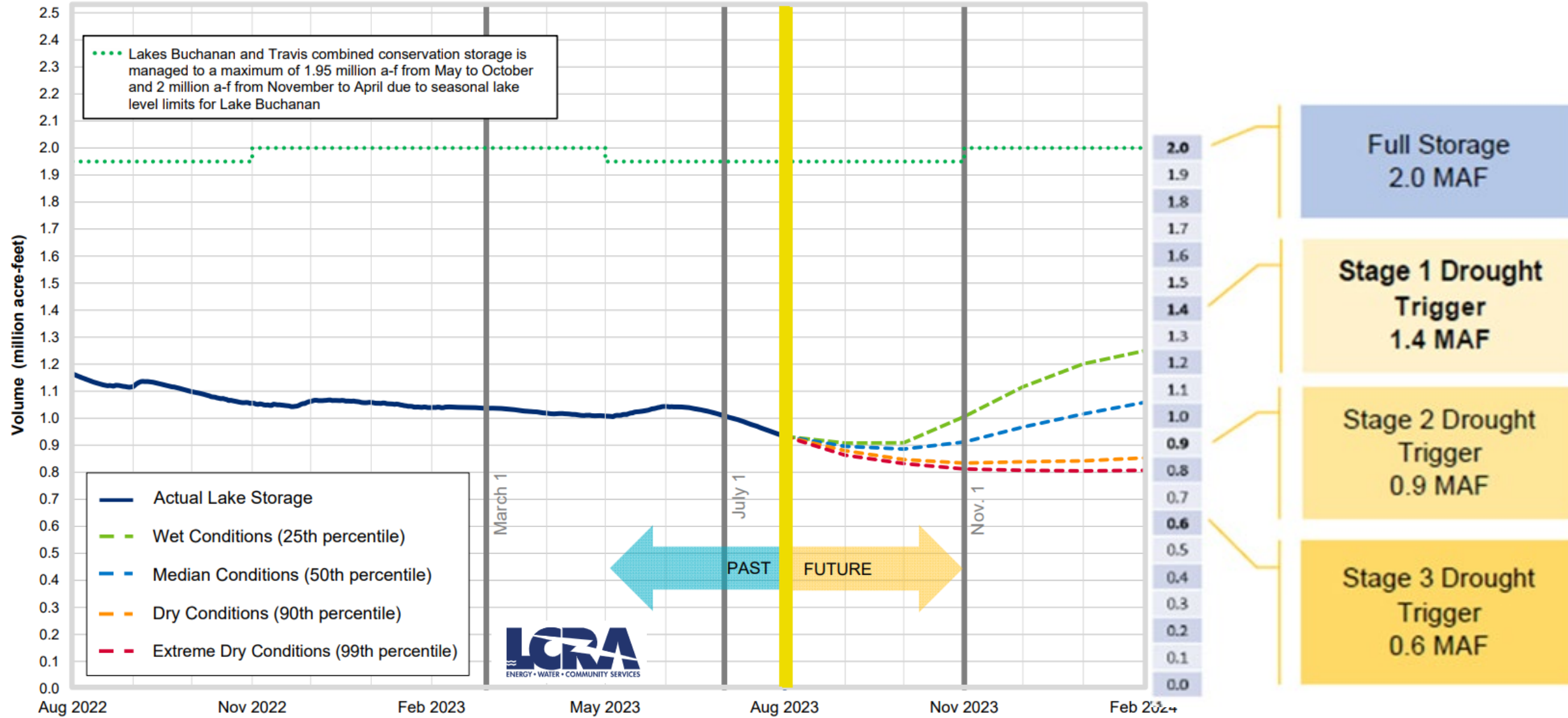
Valid: Aug-Sep-Oct 2023  
Issued: July 20, 2023



The seasonal outlooks combine long-term trends, soil moisture, and El Niño/Southern Oscillation. There is a greater than 90% chance that El Niño will continue through the winter.



## Lakes Buchanan and Travis Total Combined Storage Projections



Date: Aug. 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

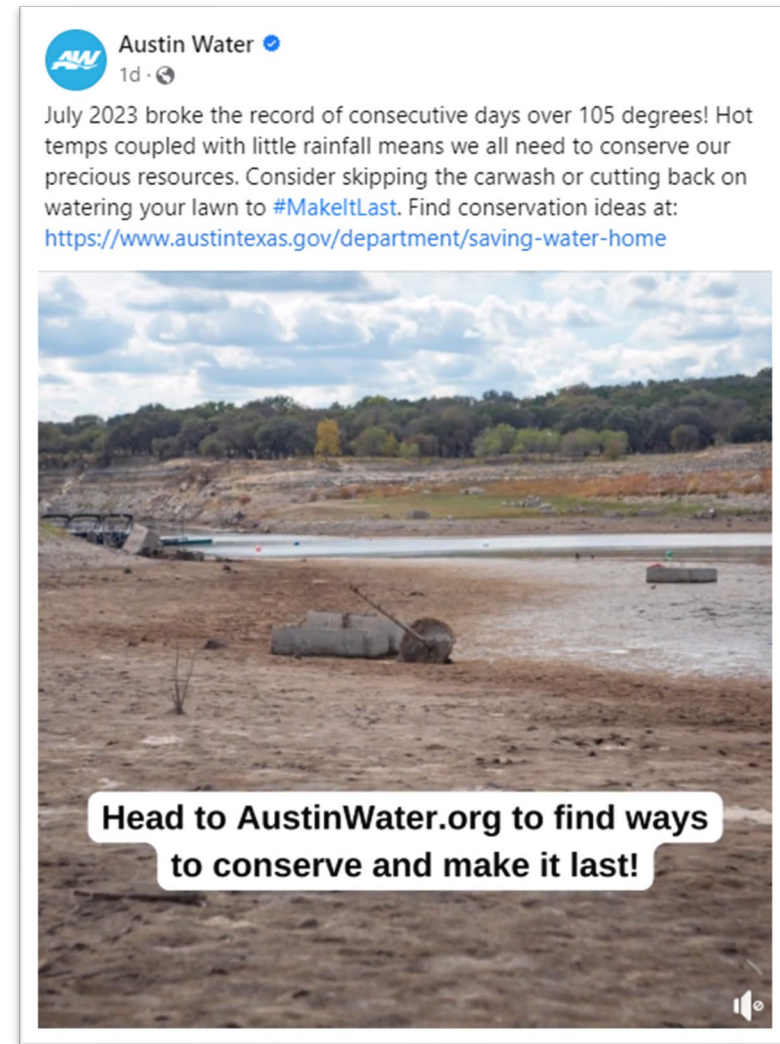
- Water Forward conservation and reuse strategies
- Aquifer Storage and Recovery pilot project
- Indirect Potable Reuse preliminary planning





# 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

