

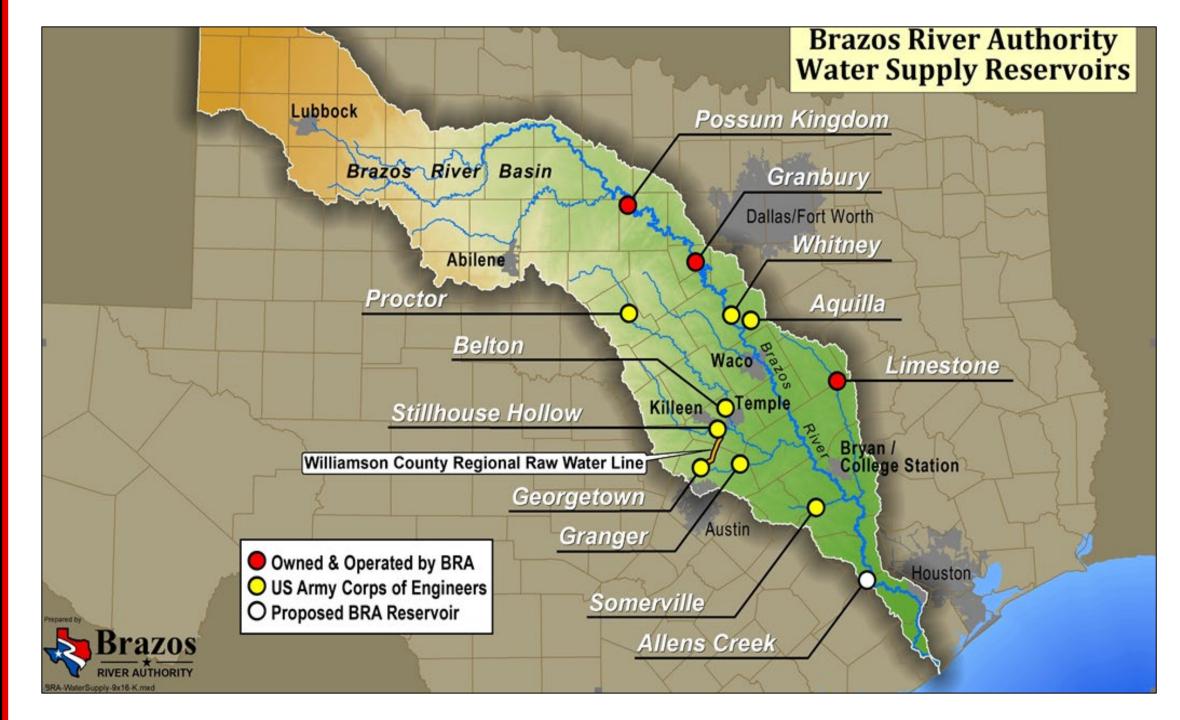


Water Supply

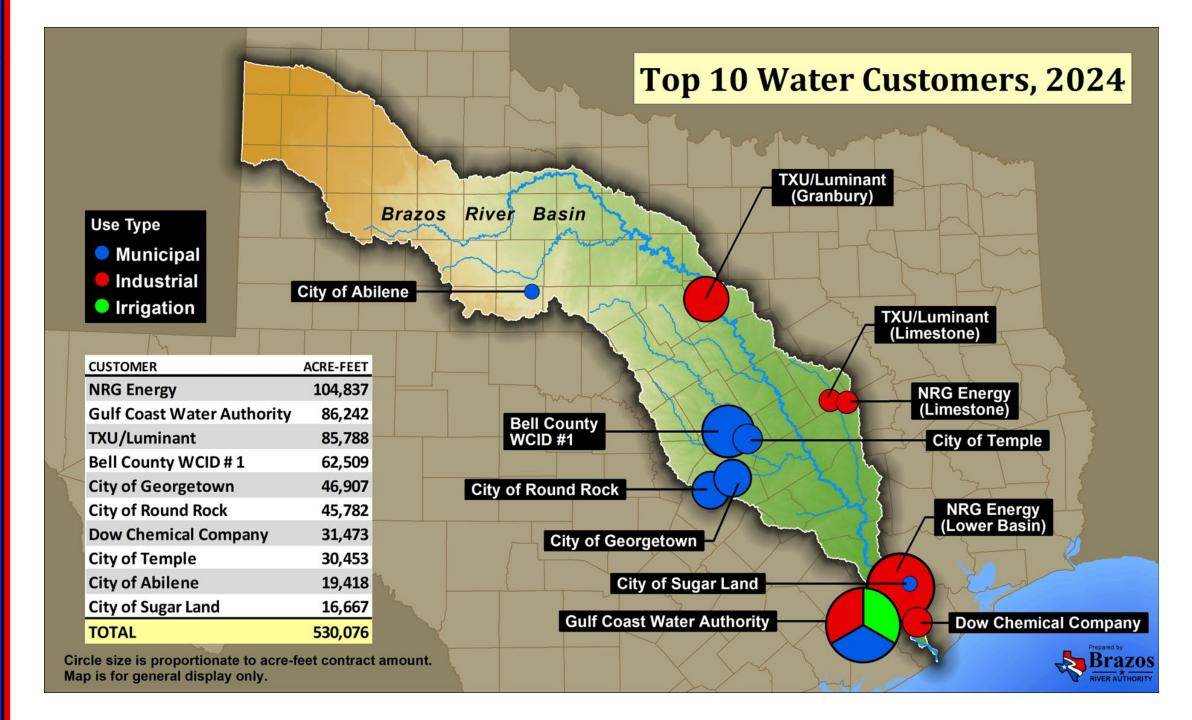
Bell County WCID#1 Conservation Workshop, February 7, 2024

Presented by Aaron Abel, Water Services Manager



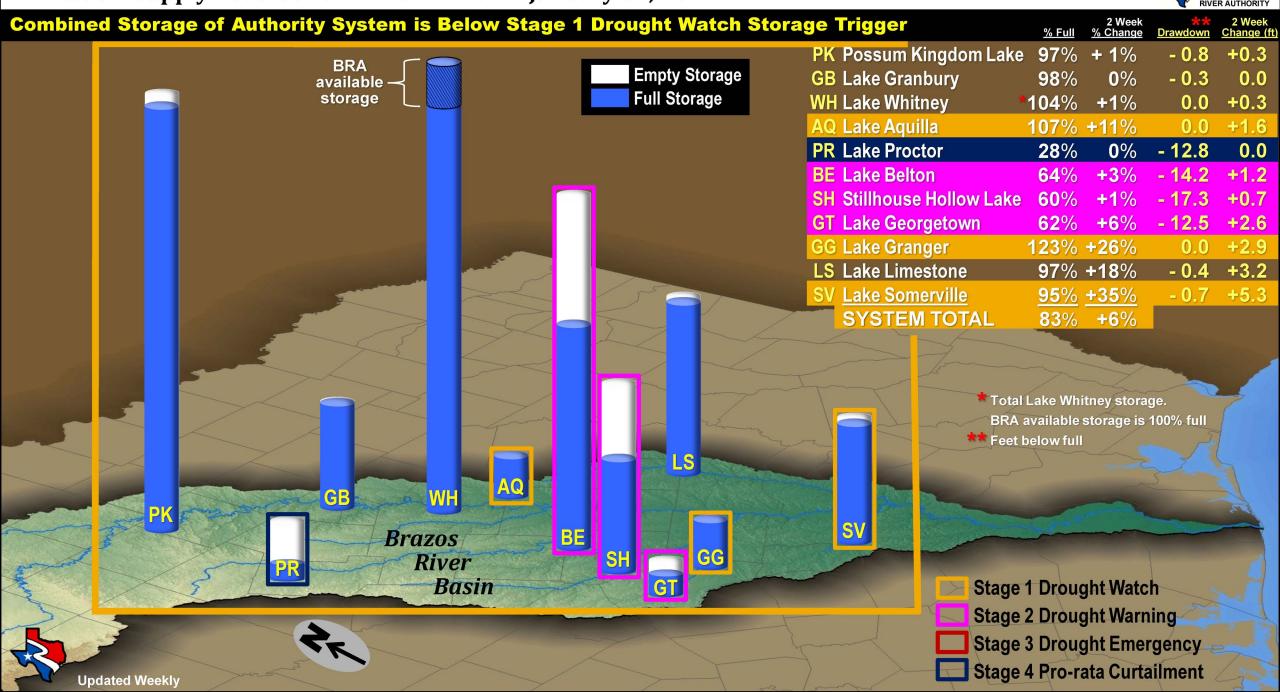






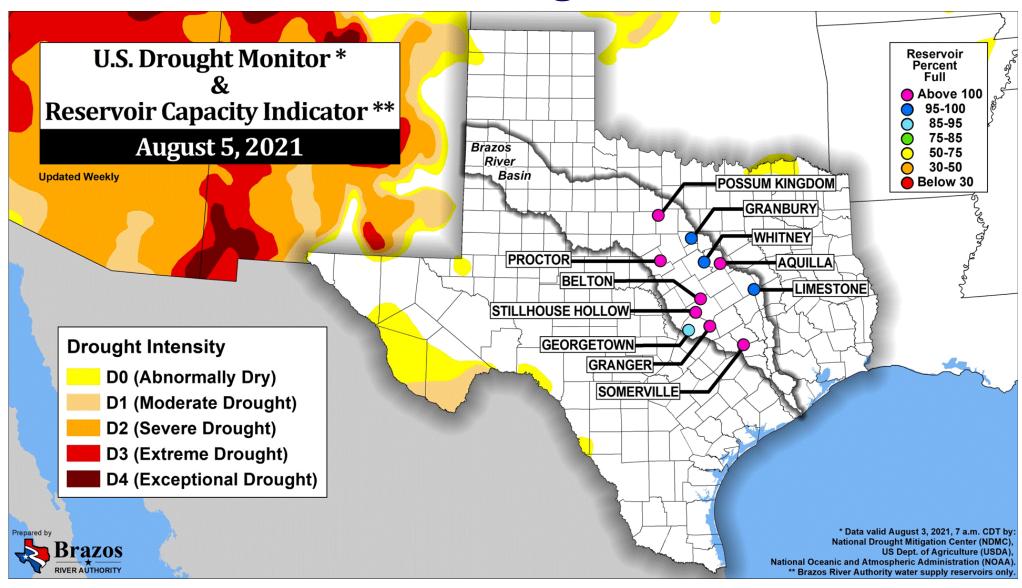
BRA Water Supply Reservoirs "PERCENT FULL" January 31, 2024





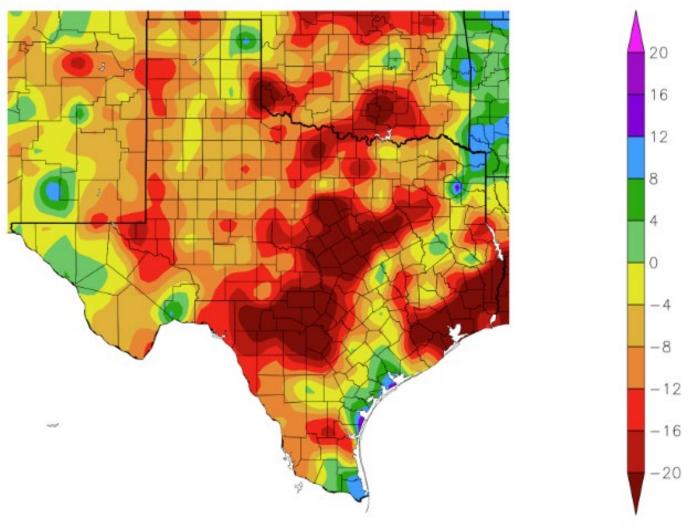


2021-2024 Drought Evolution

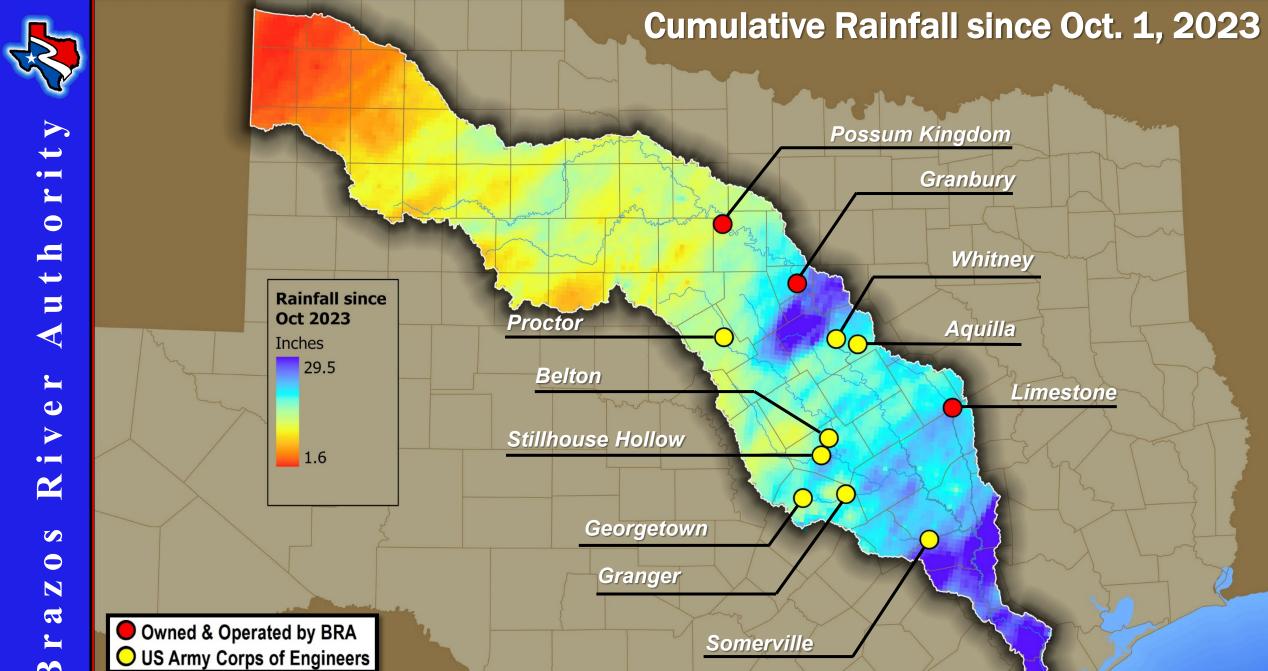




Departure from Normal Precipitation (in) 2/2/2021 - 2/1/2024

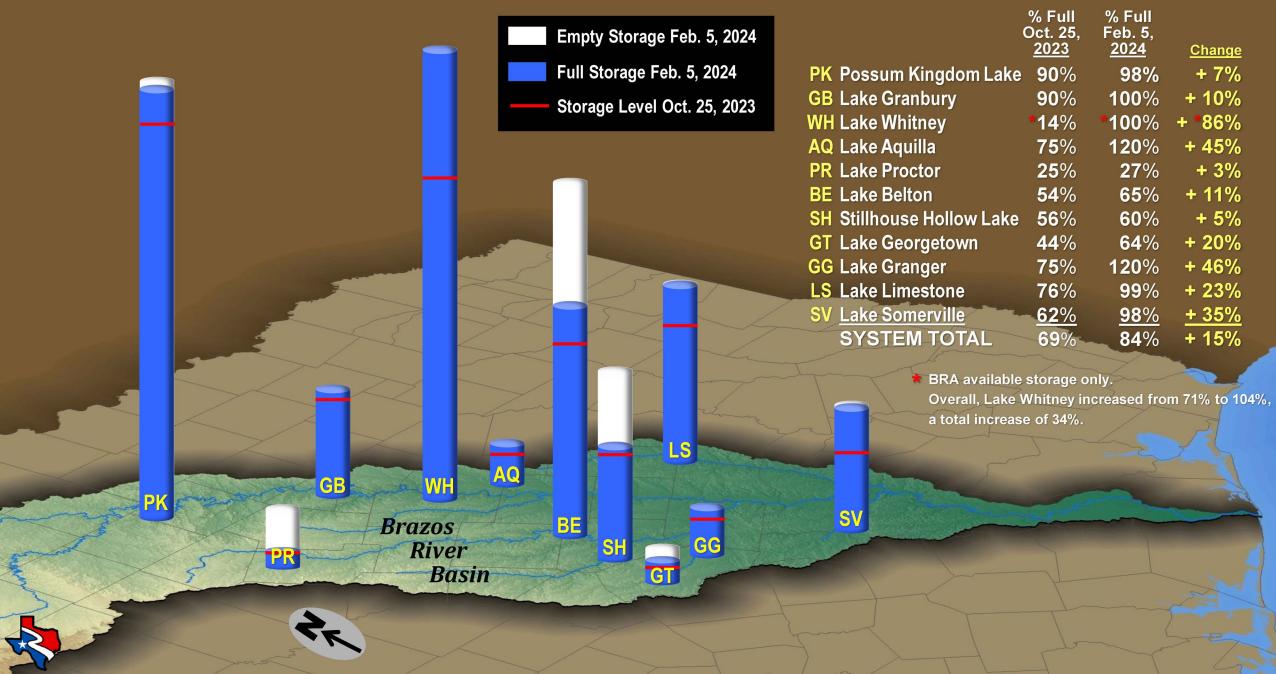


High Plains Regional Climate Center: https://hprcc.unl.edu/



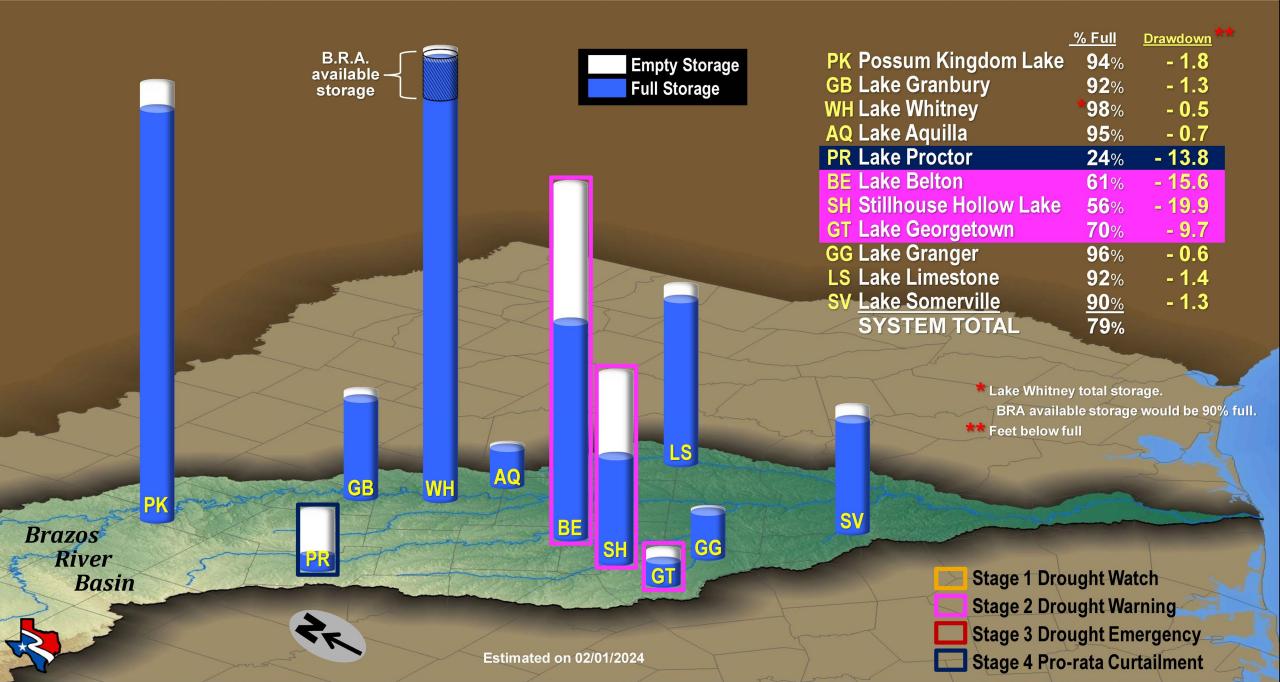
Reservoir Capacity "PERCENT FULL": Comparing October 25, 2023 to February 5, 2024





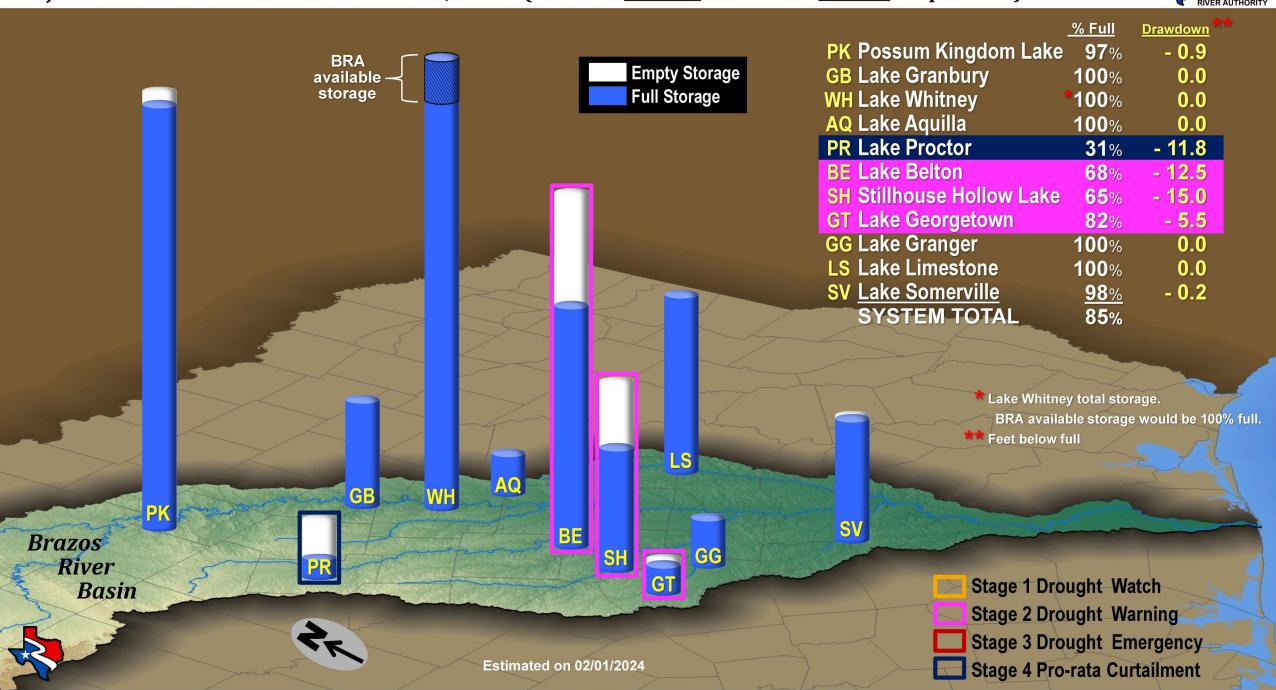
Projected Reservoir Status for March 31, 2024 (based on minimum inflows and high evaporation)



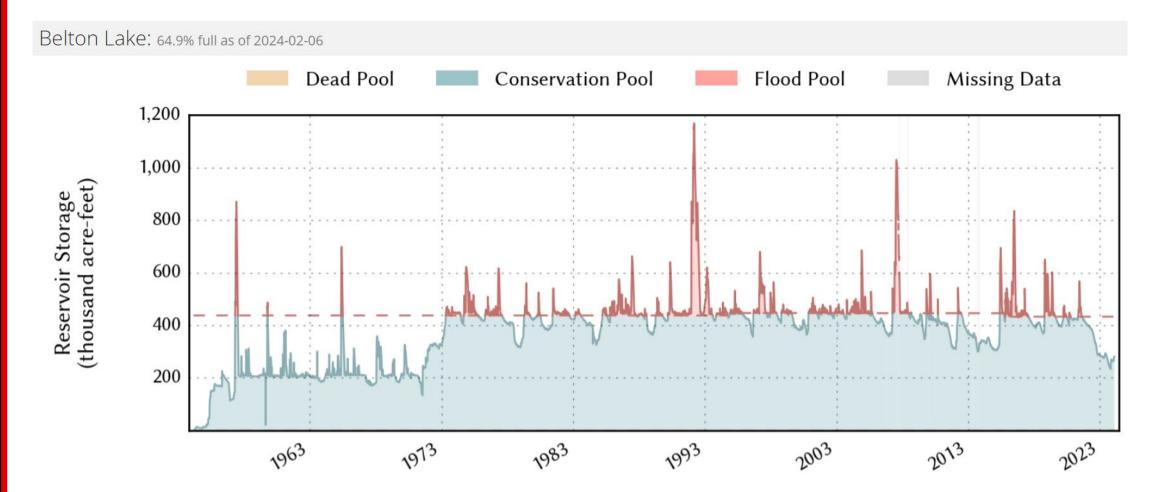


Projected Reservoir Status for March 31, 2024 (based on <u>normal</u> inflows and <u>normal</u> evaporation)









Texas Water Development Board, Water Data For Texas, https://waterdatafortexas.org/



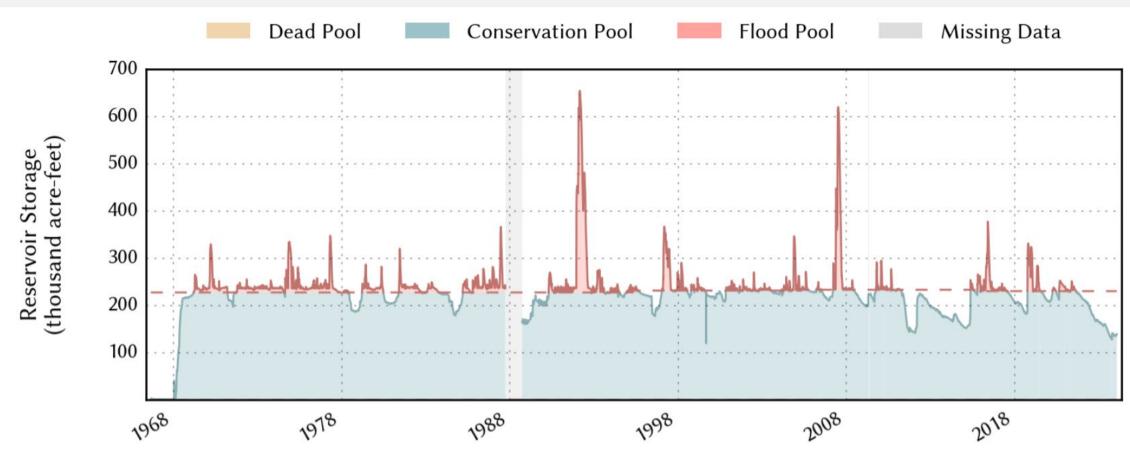
Belton Lake: 64.9% full as of 2024-02-06



Texas Water Development Board, Water Data For Texas, https://waterdatafortexas.org/



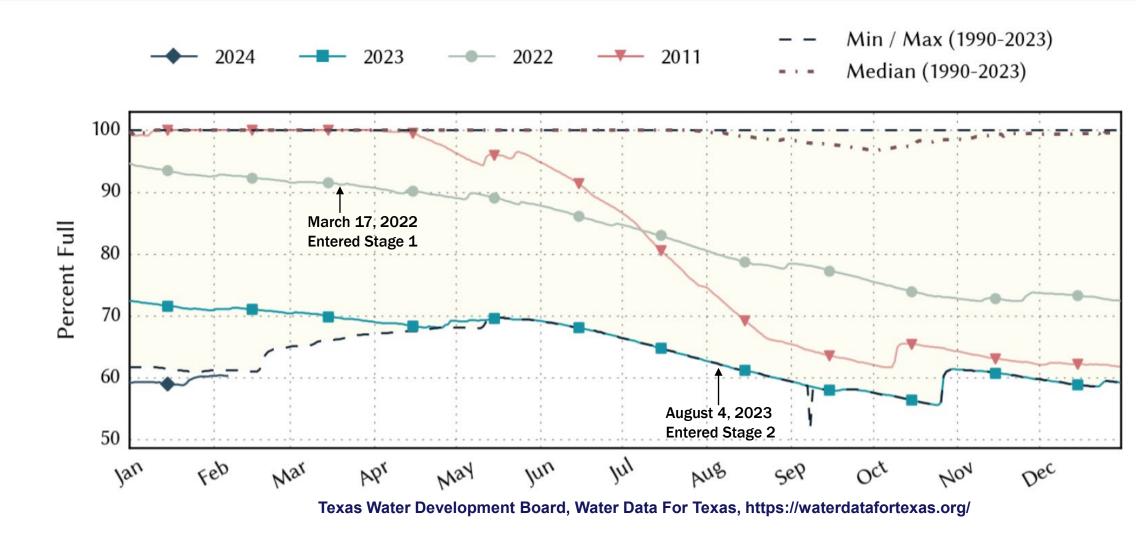
Stillhouse Hollow Lake: 60.3% full as of 2024-02-06



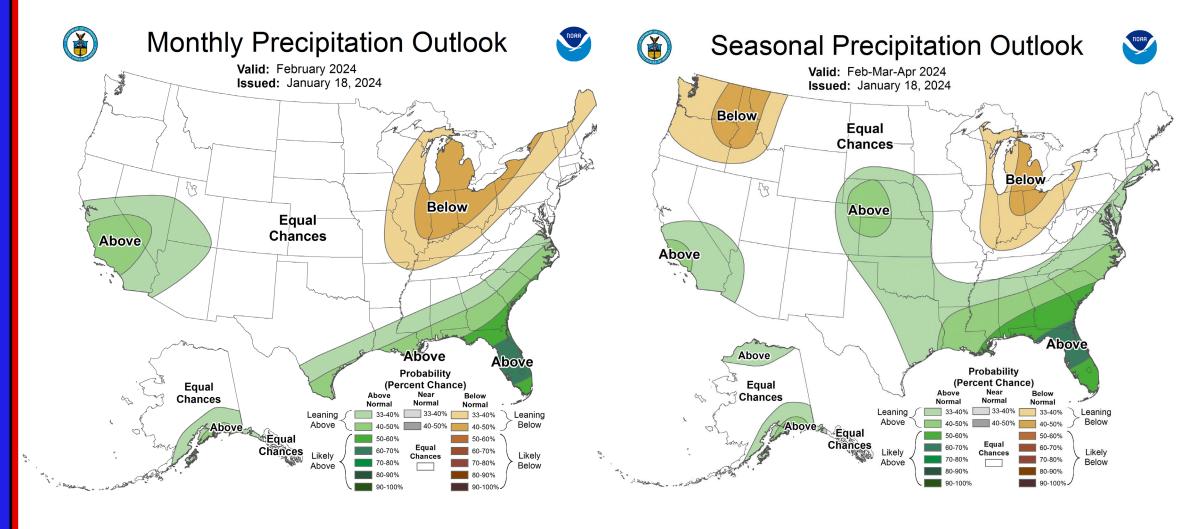
Texas Water Development Board, Water Data For Texas, https://waterdatafortexas.org/



Stillhouse Hollow Lake: 60.3% full as of 2024-02-06



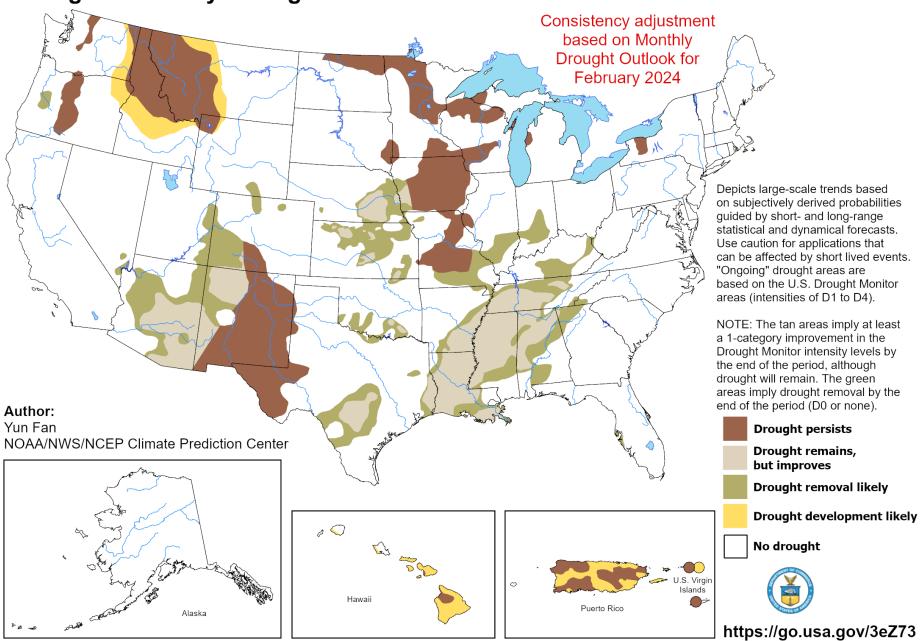






U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period

Valid for February 1 - April 30, 2024 Released January 31, 2024





Updates to Drought Contingency Plan and Water Conservation Plan

- 5-yr updates required by Texas Admin. Code, Title 30, Chapter 288
- Due May 1, 2024
- Both plans to be submitted to TCEQ and TWDB
- Coordinated through the Regional Water Planning Process

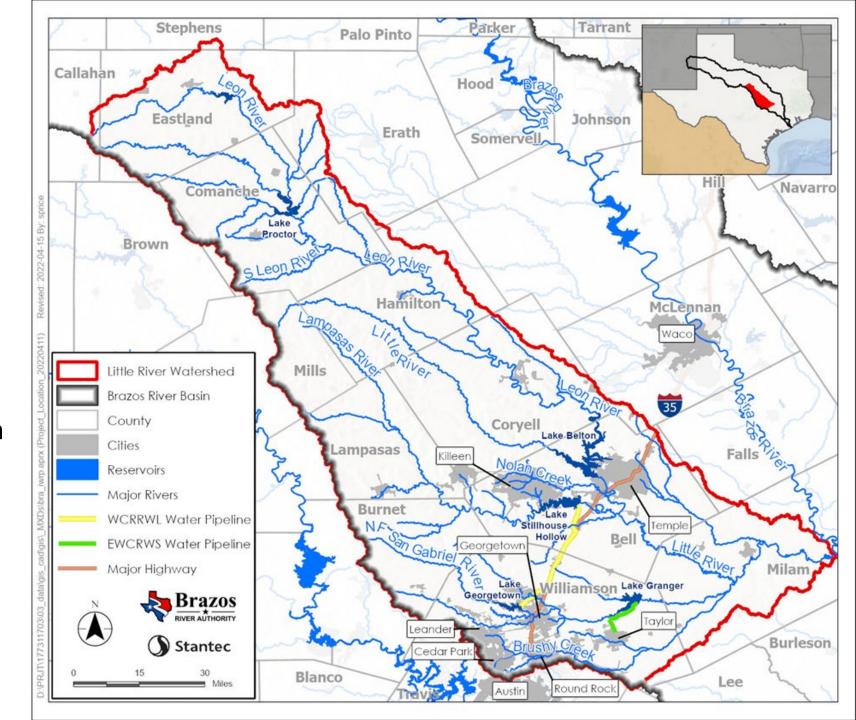


Little River Watershed Integrated Water Resources Plan



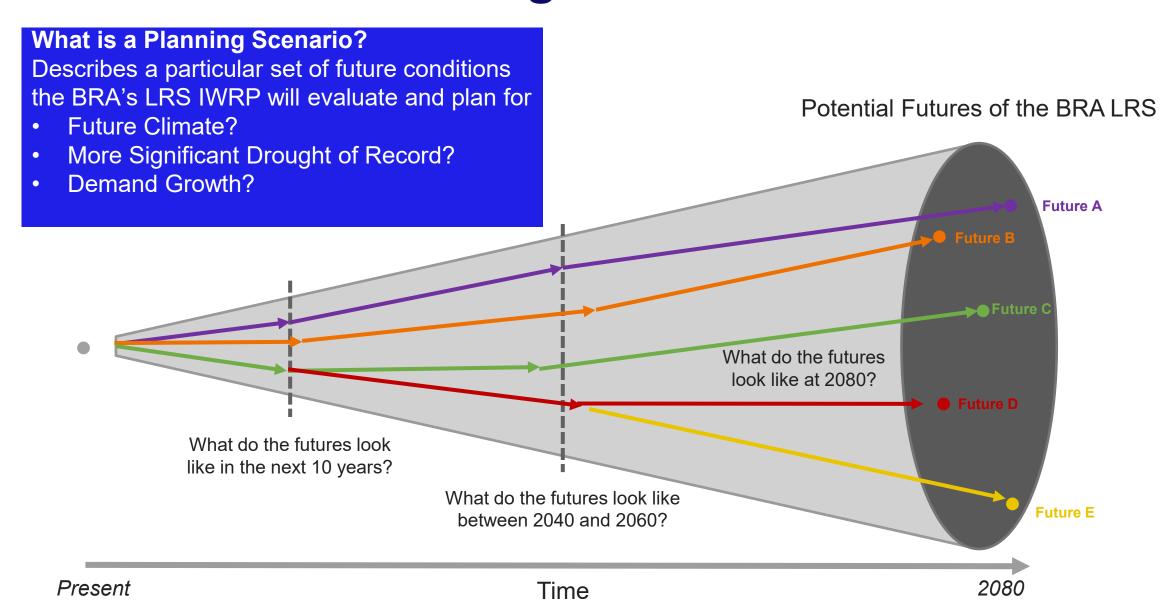
BRA Little River System

The BRA has a high priority need for decision making and action in order to ensure a reliable water supply to customers in the Little River Watershed



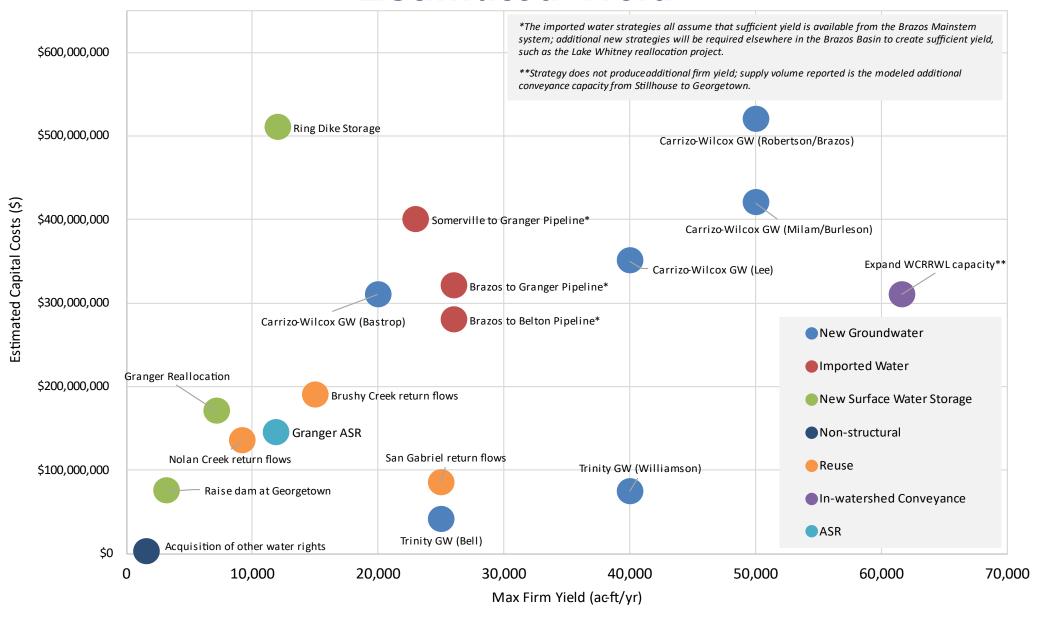


Planning Scenarios





Summary of Capital Cost Estimates vs Max Estimated Yield









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www.BrazosBasinNow.org

