Understanding Environmental Considerations and Vulnerabilities for a Stronger Region

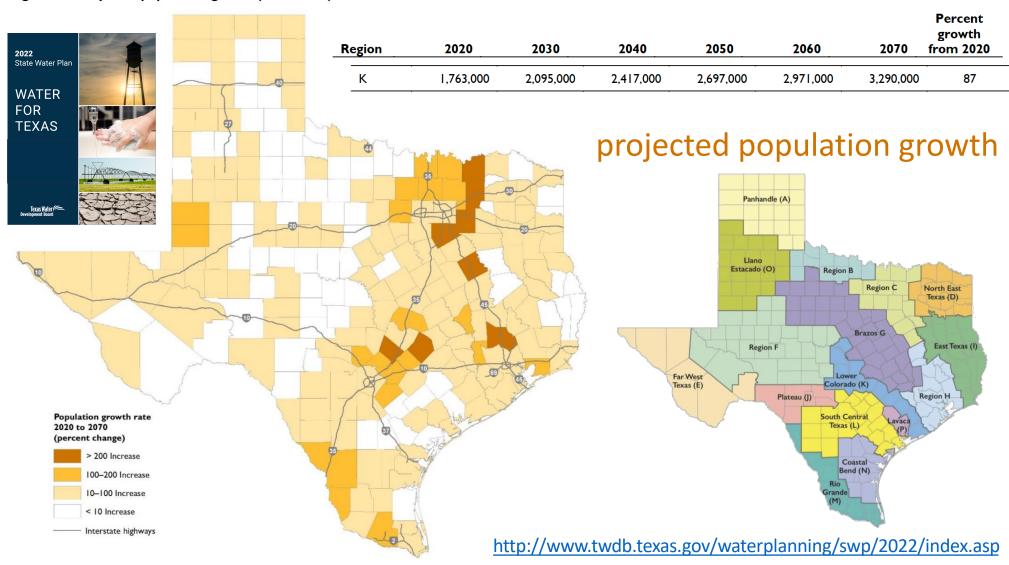
Robert E. Mace, Ph.D., P.G.
The Meadows Center for Water & the Environment
Texas State University

Central Texas Catalyst Summit

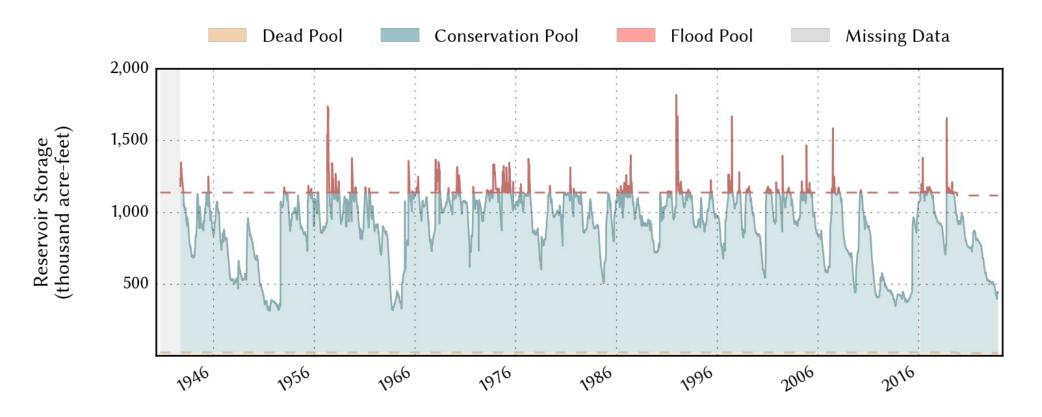
Austin Area Research Organization Austin, Texas; December 4, 2023

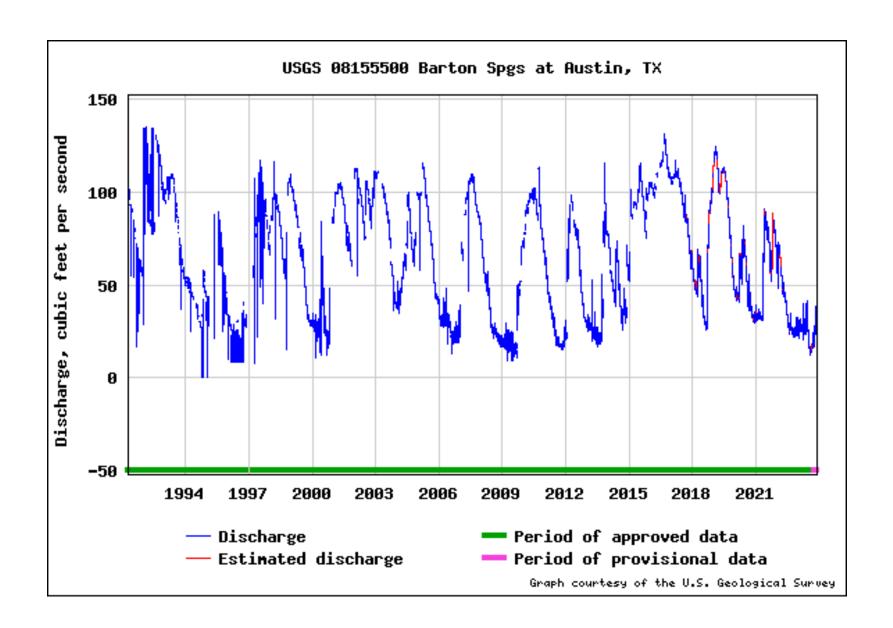


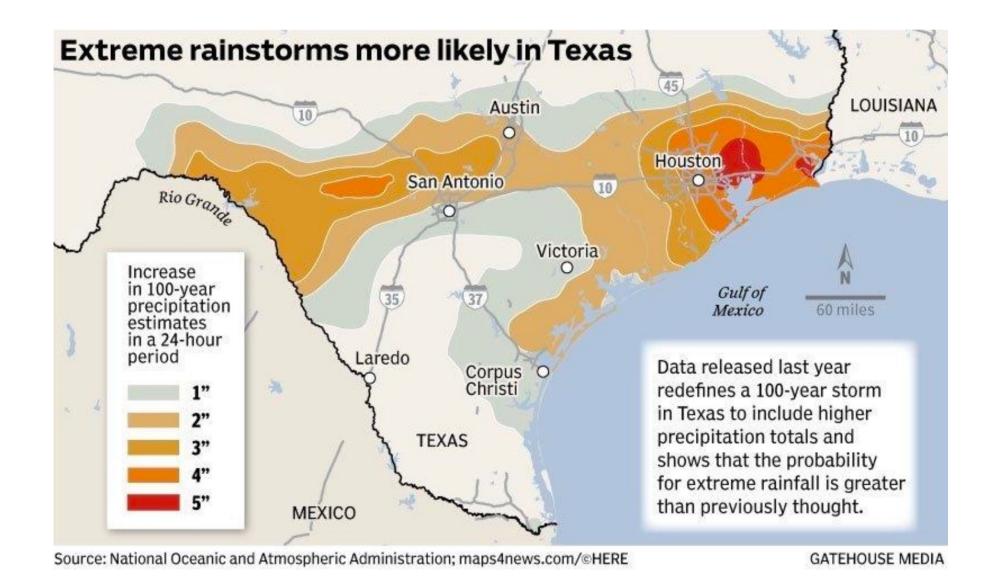
Figure 4-4. Projected population growth (2020–2070)

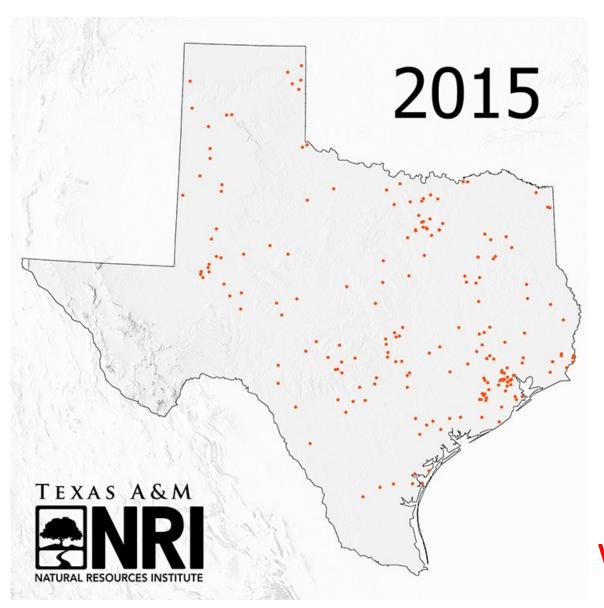


Lake Travis



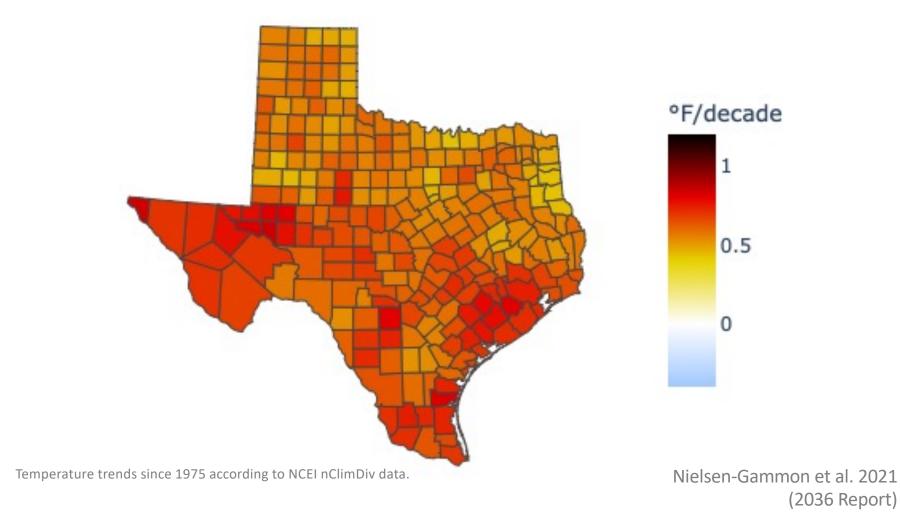




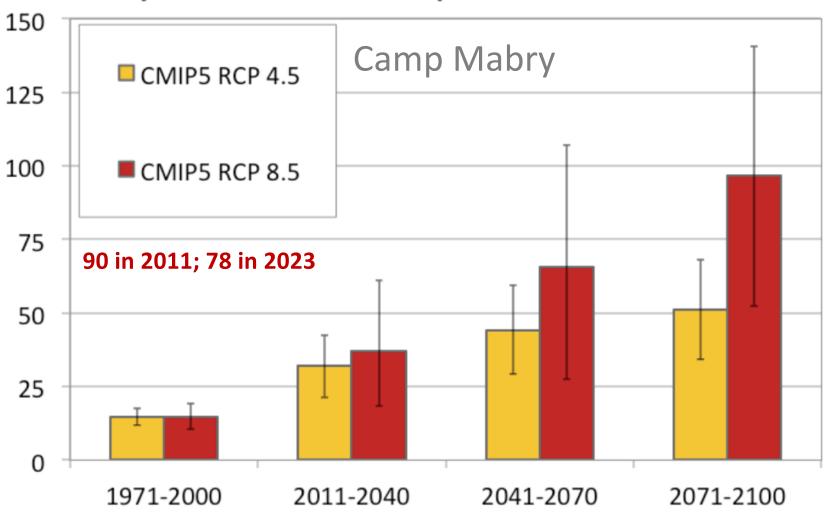


water wells drilled

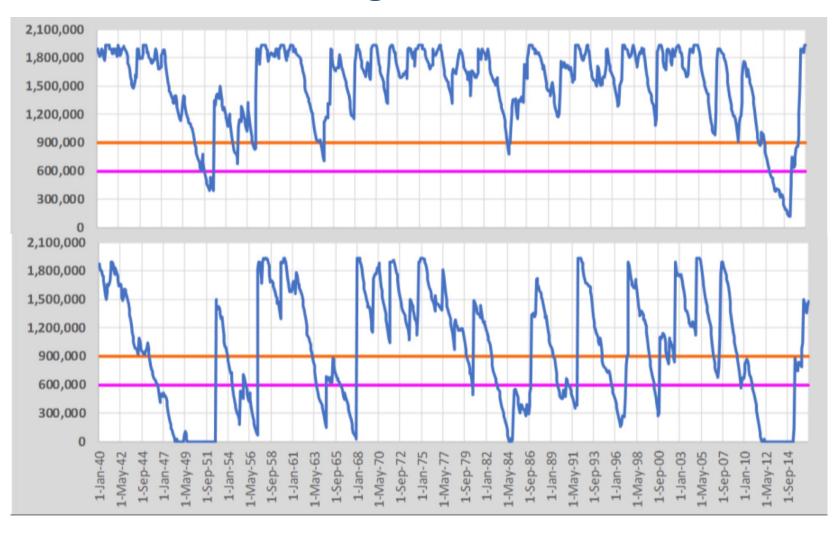
Average Temperature Trend, 1975-2020



Days with maximum temperature above 100°F



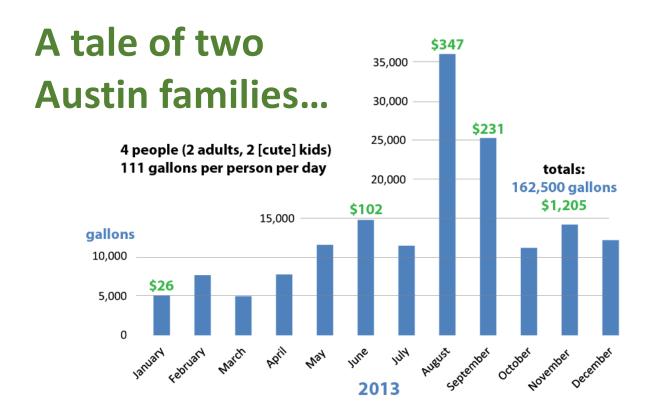
Modeled Storage in Travis and Buchanan in 2115

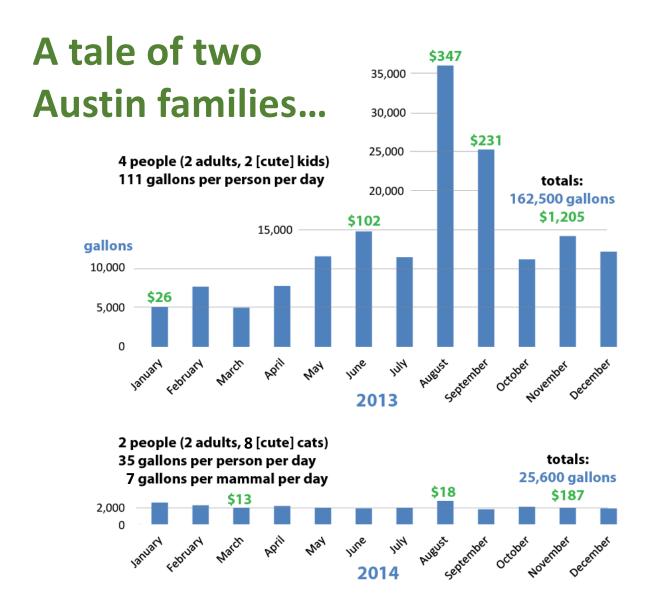


no climate change

with climate change

units in acre-feet from the City of Austin













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AUSTIN / NORTH CENTRAL AUSTIN / DINING

Austin restaurant saves thousands on water bills working around restrictions



By Kameryn Griesser | 10:43 AM Sep 13, 2023 CDT Updated 10:48 AM Sep 13, 2023 CDT



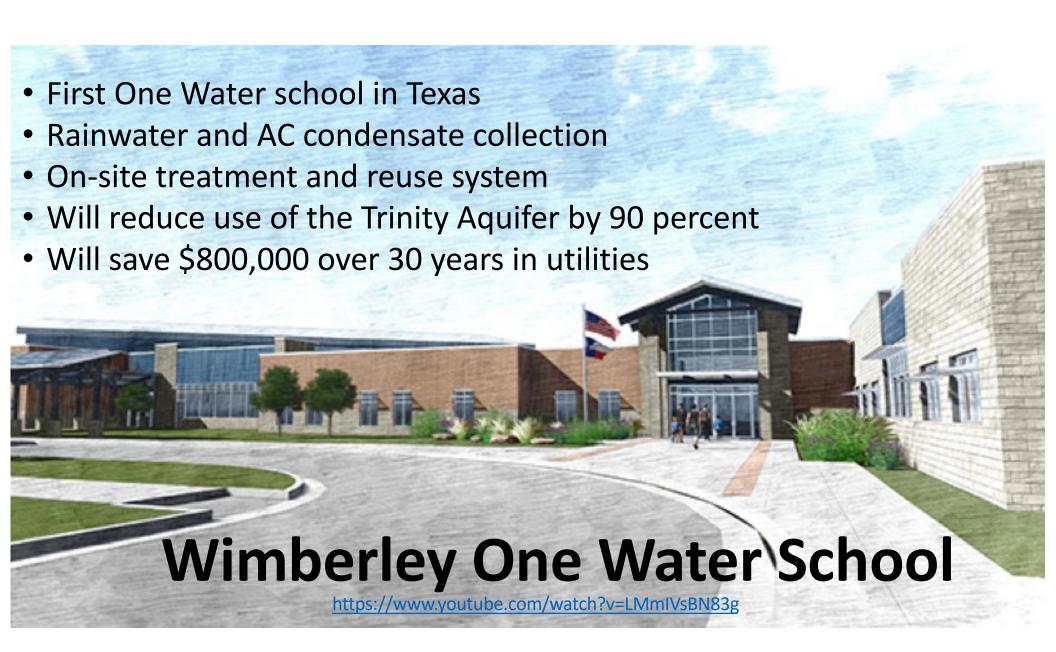


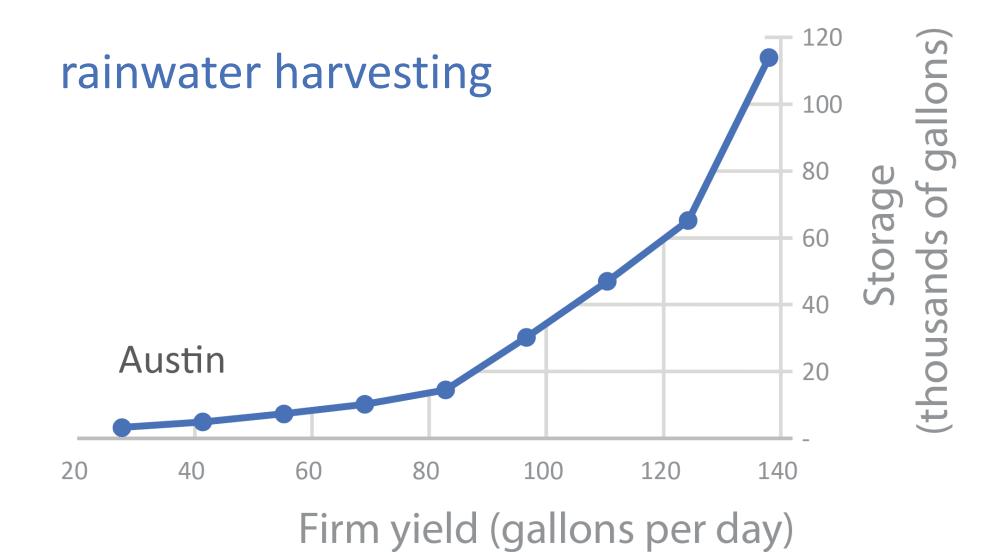


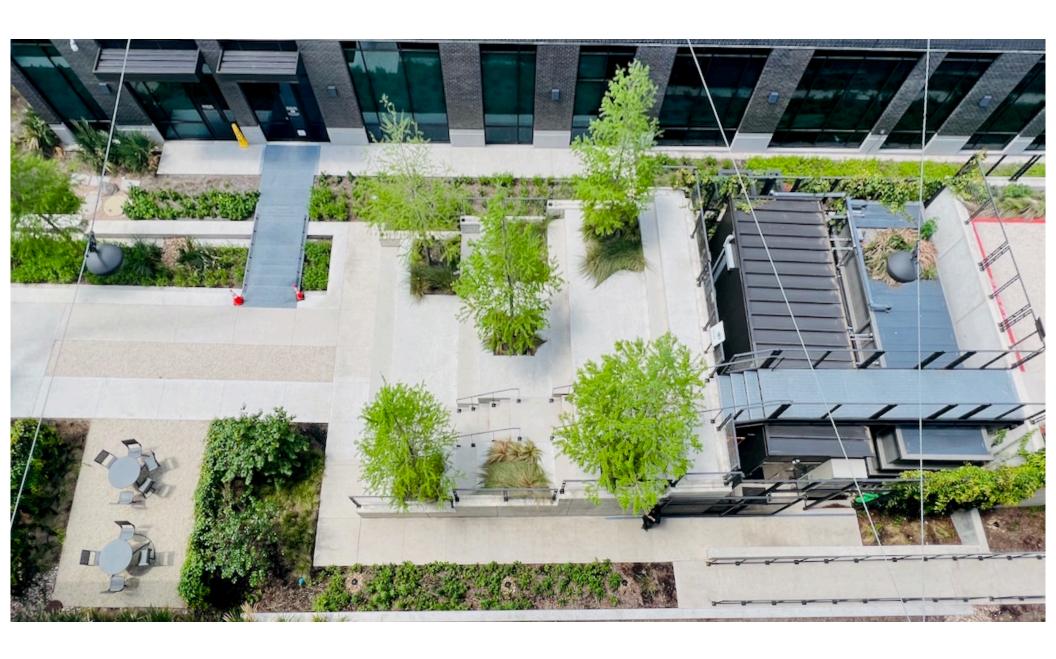




The upscale Mexican restaurant Fonda San Miguel collects water condensation from its four air conditioning units to water their plants every day, saving thousands on utility bills. (Kameryn Griesser/Community Impact)

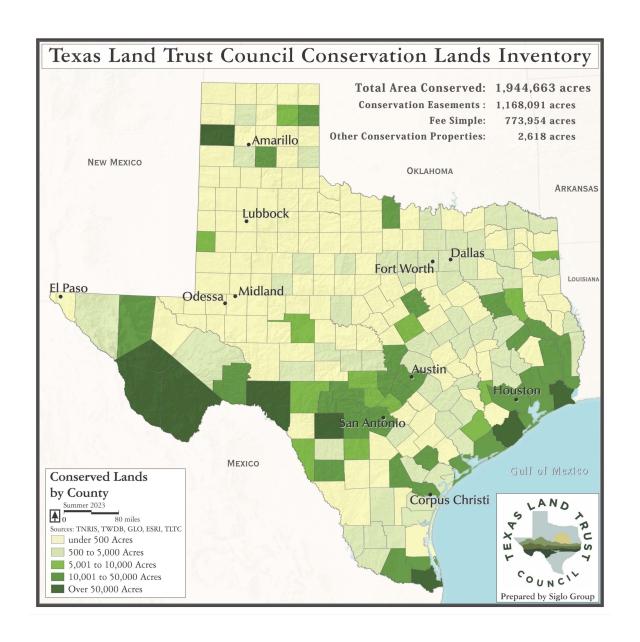






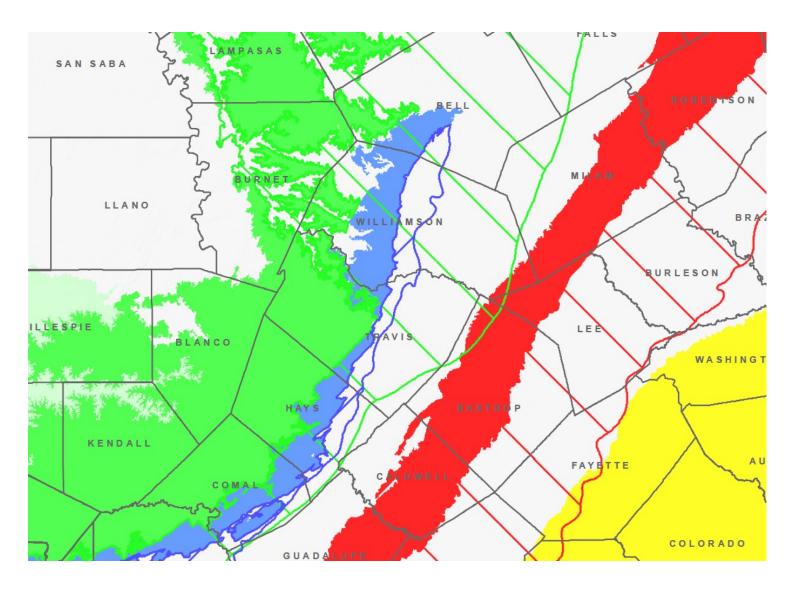


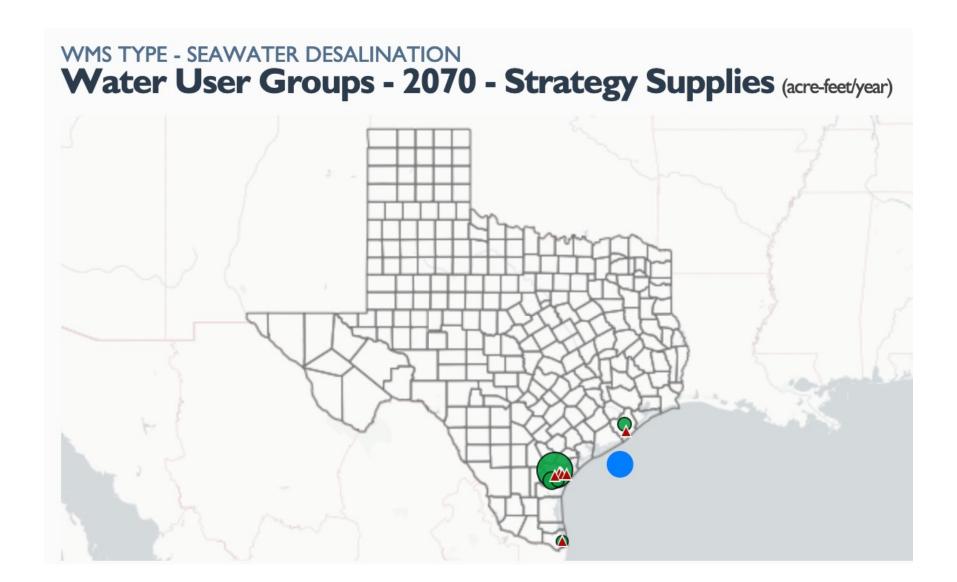
"I guess that means I get to drink my beer twice..."



major aquifers in Central Texas

Trinity
Edwards
Carrizo-Wilcox
Gulf Coast







WATER FORWARD INTEGRATED WATER RESOURCE PLAN



https://www.austintexas.gov/department/water-forward



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10 minutes