

Basin Conditions Update

Water Operations Committee Meeting

May 17, 2022



U.S. Drought Monitor

Texas

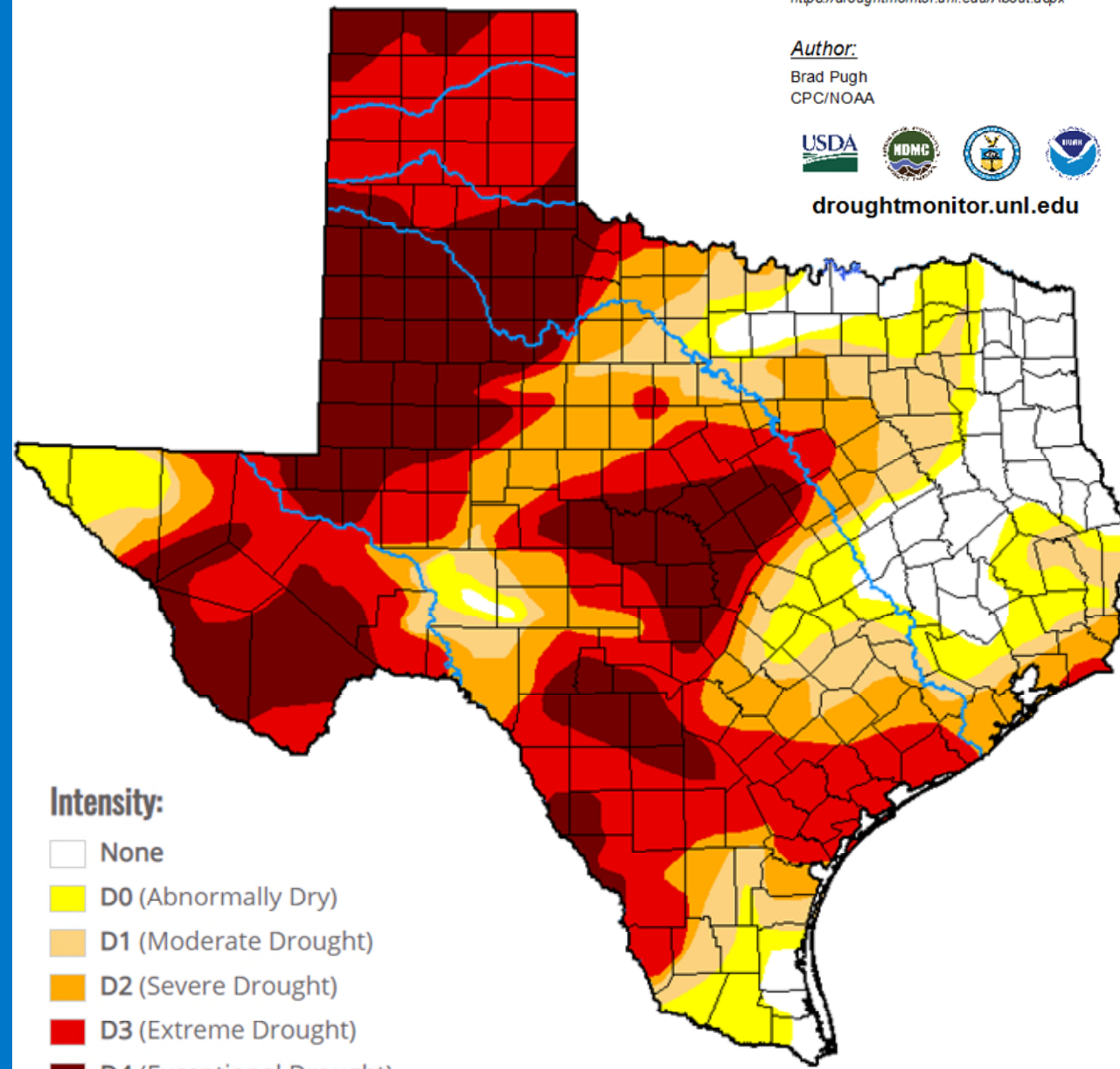
As of May 10, 2022

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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CPC/NOAA



droughtmonitor.unl.edu

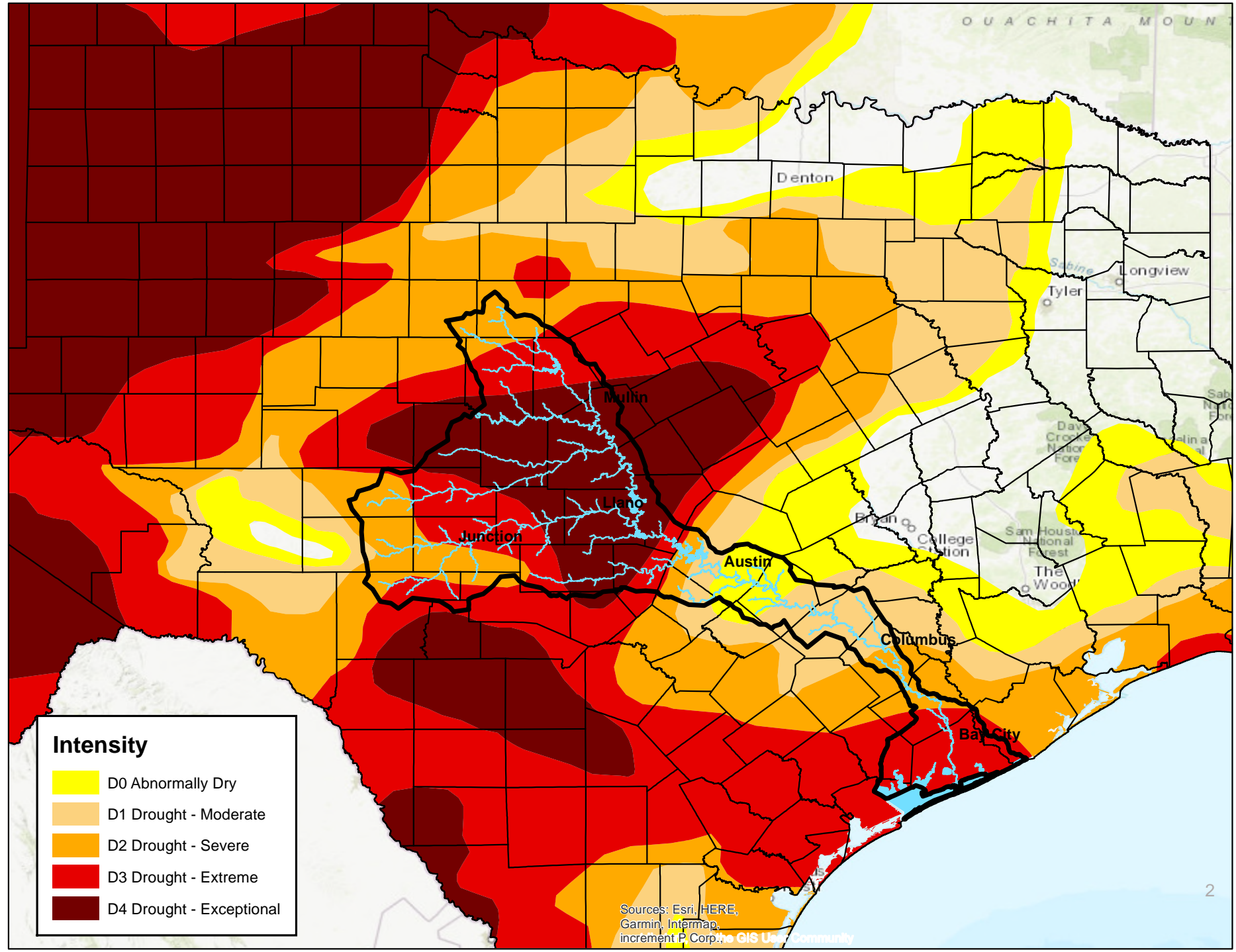


- Intensity:**
- None
 - D0 (Abnormally Dry)
 - D1 (Moderate Drought)
 - D2 (Severe Drought)
 - D3 (Extreme Drought)
 - D4 (Exceptional Drought)
 - No Data

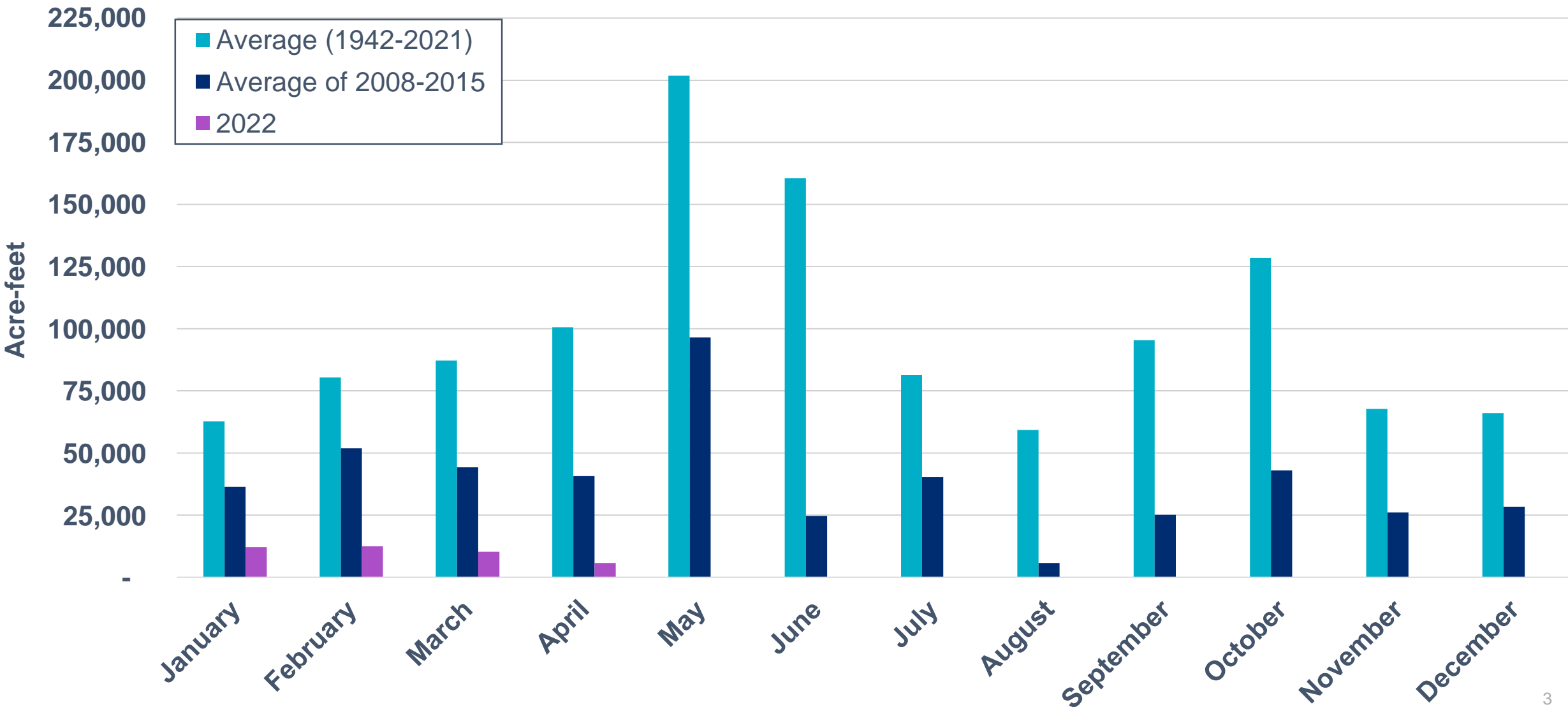
U.S. Drought Monitor

Lower Colorado River Basin

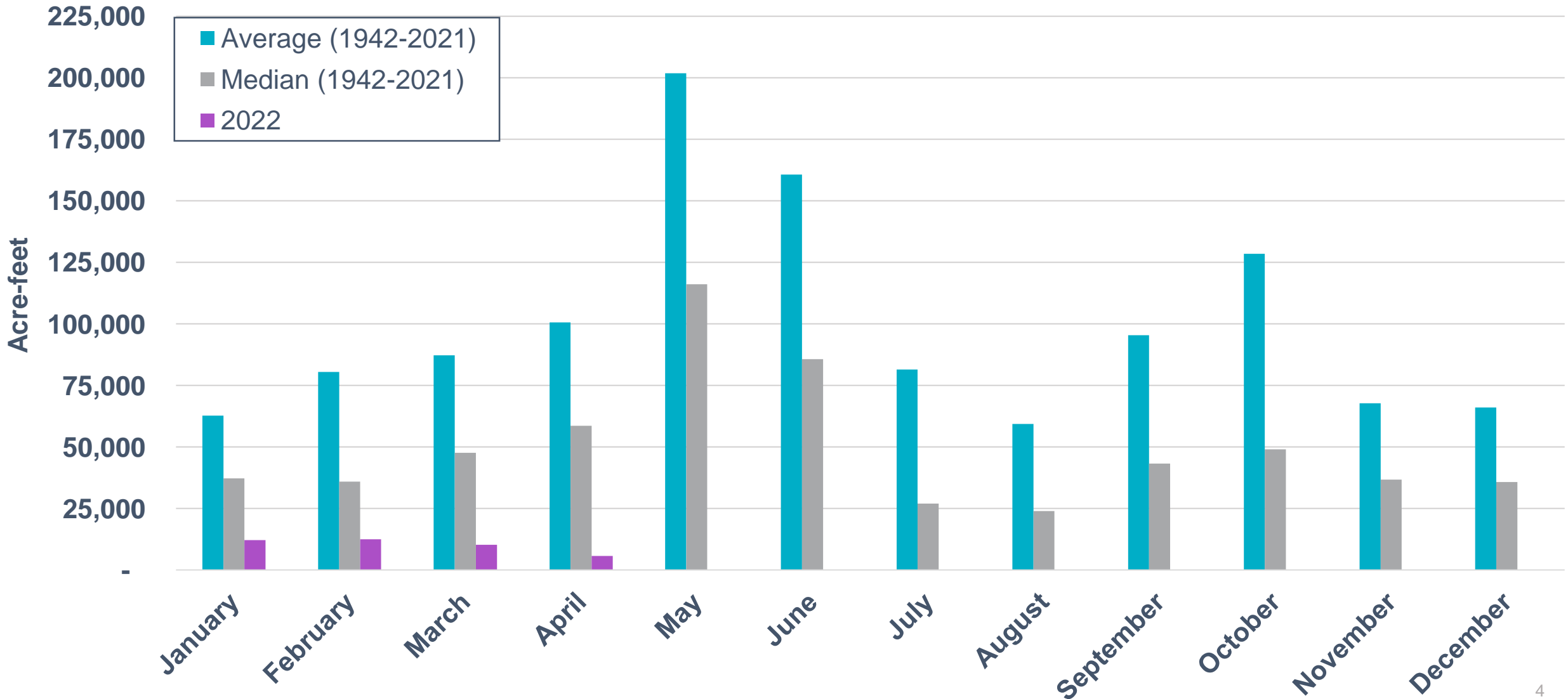
As of May 10, 2022



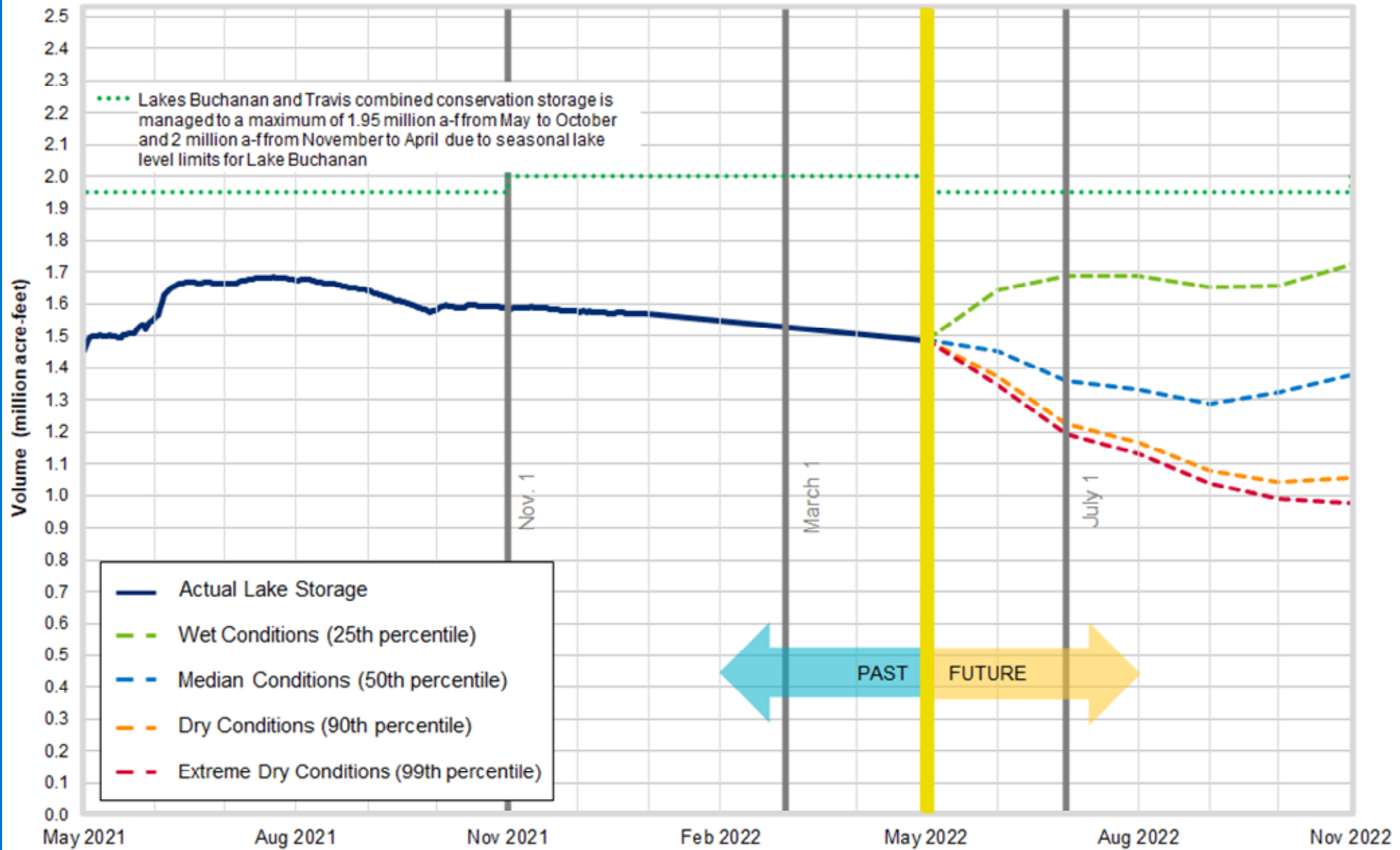
Water Flowing Into Lakes Buchanan and Travis



Water Flowing Into Lakes Buchanan and Travis – Median



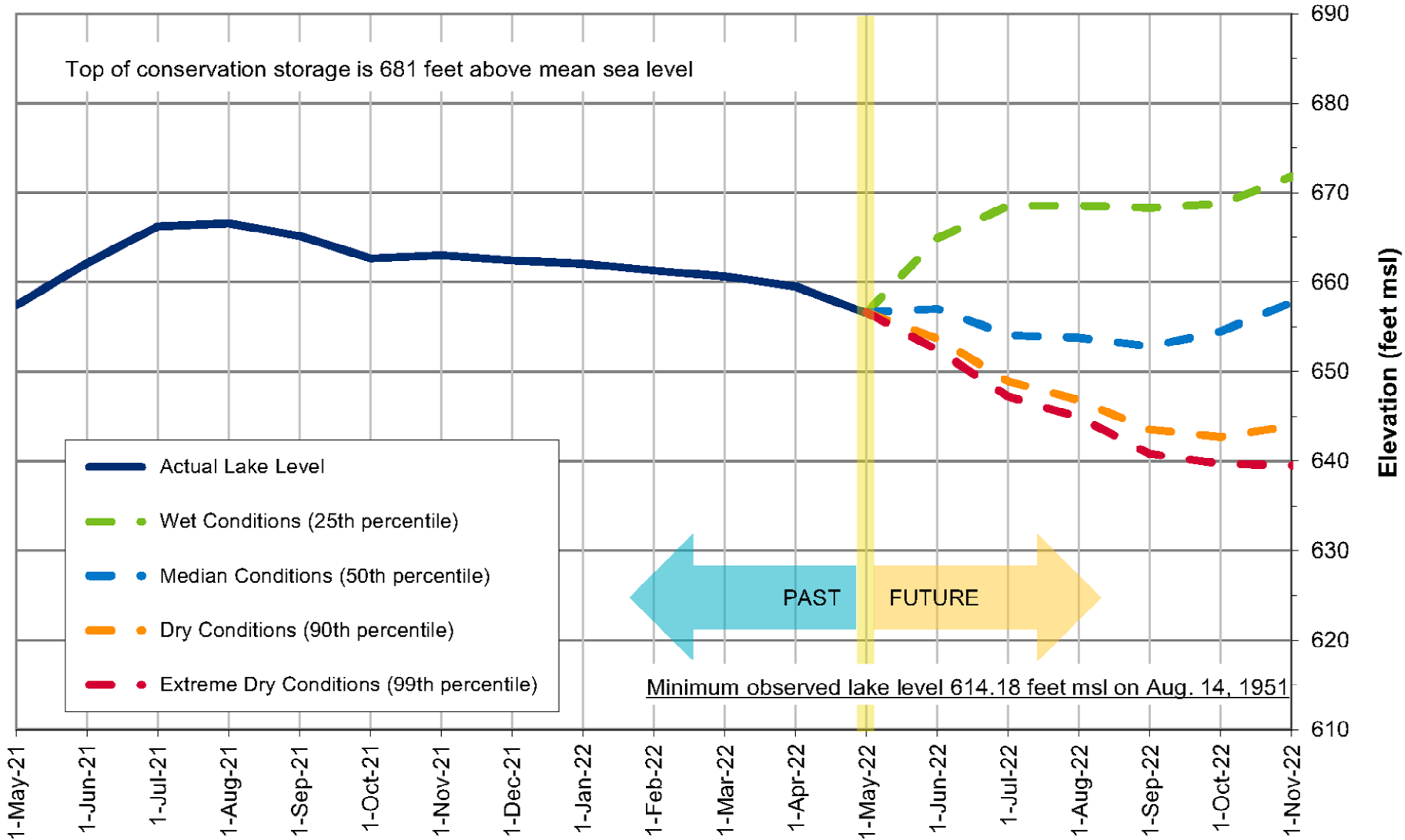
Lakes Buchanan and Travis Total Combined Storage Projections



Date: May 1, 2022

Note: One acre-foot equals 325,851 gallons

Lake Travis Level Projection*

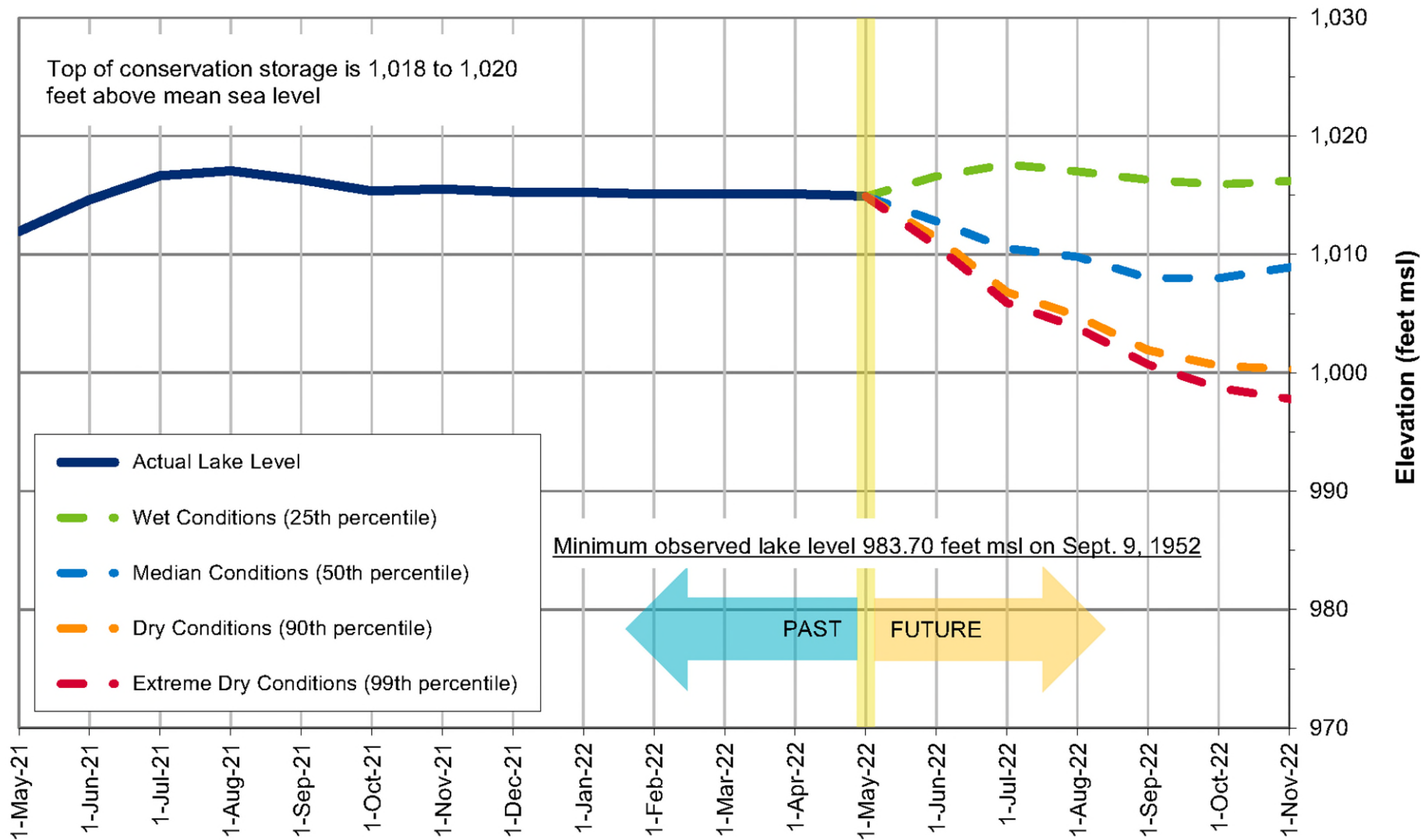


**Average for May:
669.75 feet msl**

**Historic low (1951):
614.18 feet msl**

*Based on results from the draft stochastic model under development to reflect provisions of the 2020 Water Management Plan

Lake Buchanan Level Projection*



**Average for May:
1,012.89 feet msl**

**Historic low (1952):
983.70 feet msl**

*Based on results from the draft stochastic model under development to reflect provisions of the 2020 Water Management Plan

Lake Level Comparisons

	May 1, 2021	May 1, 2022**
Lake Travis (feet msl)	657.37	656.08
Lake Buchanan (feet msl)	1,011.91	1,014.88
Combined storage* (a-f)	1,454,942	1,479,763

*For purposes of the 2020 Water Management Plan, the combined storage is defined as the total of the daily average volume of water in lakes Buchanan and Travis. This determination excludes any water in Lake Buchanan above elevation 1,018 feet msl in the months of May through October or above 1,020 feet msl in the months of November through April and any water in Lake Travis above elevation 681 feet msl.

**Effective May 27, 2021, storage volumes for lakes Buchanan and Travis are based on the Texas Water Development Board volumetric surveys published in 2020 (Buchanan) and 2021 (Travis).



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