Basin Conditions Update

Water Operations Committee Meeting

Sept. 18, 2024

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U.S. Drought Monitor
Texas

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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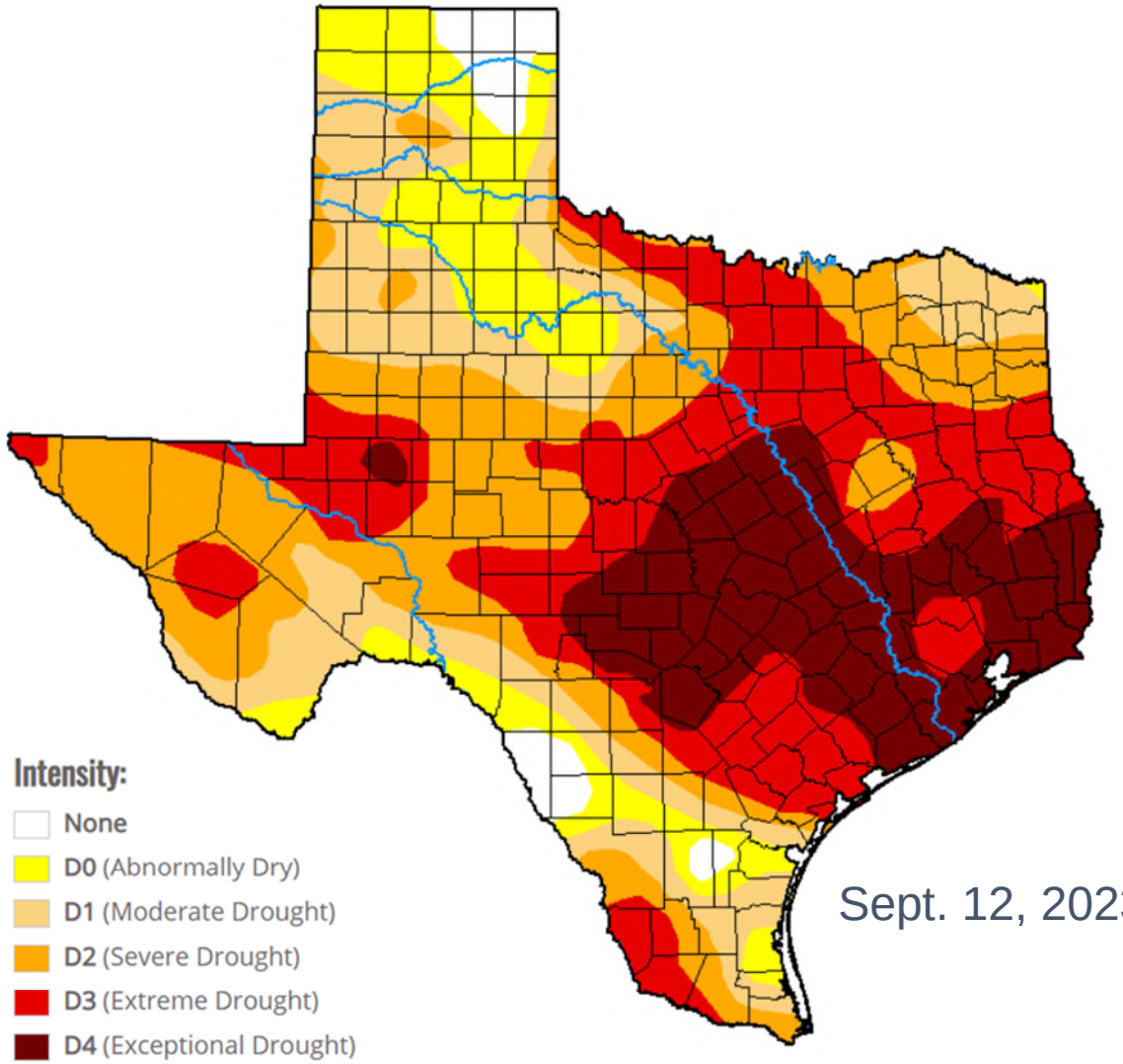
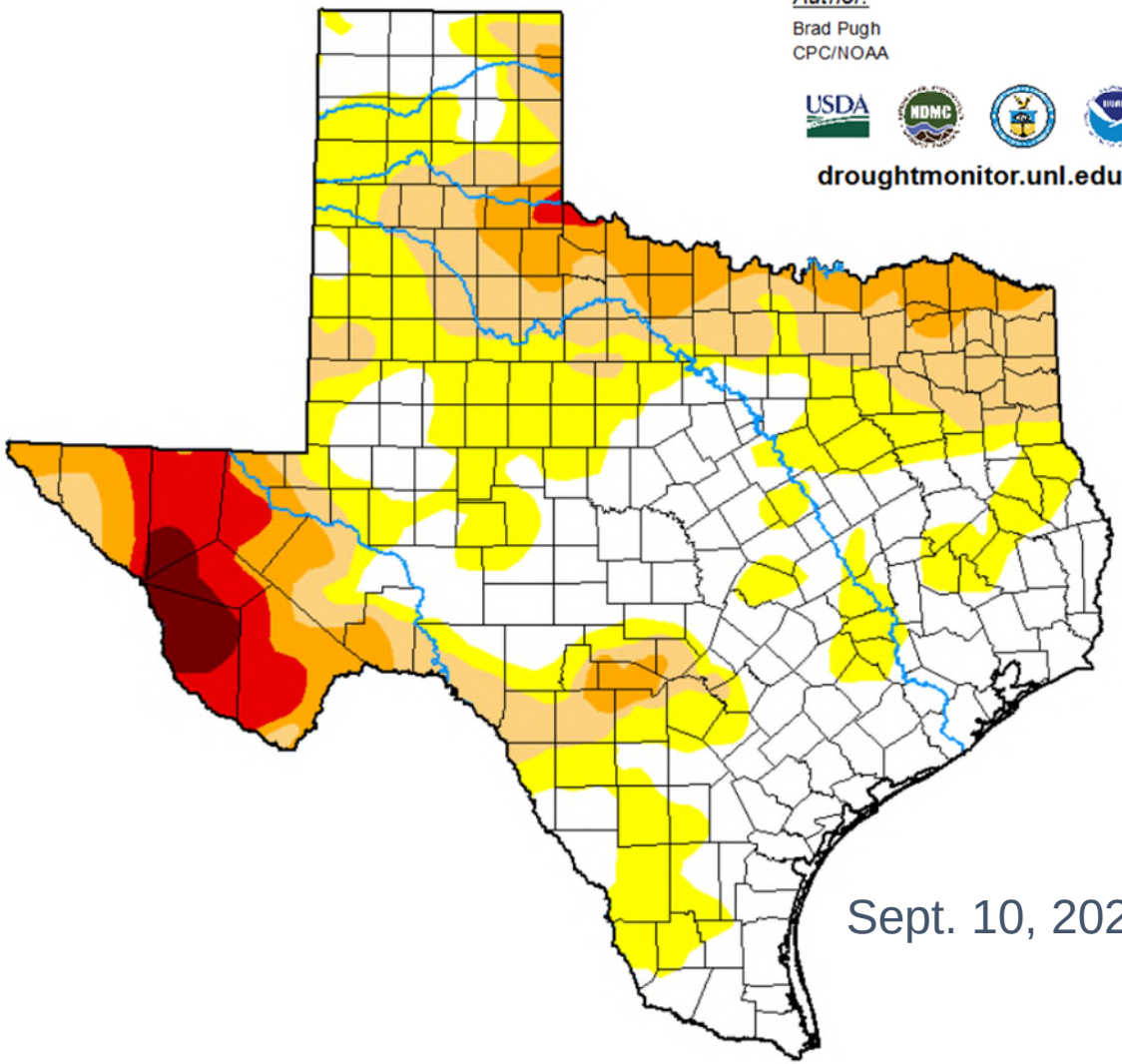
droughtmonitor.unl.edu



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

Sept. 12, 2023

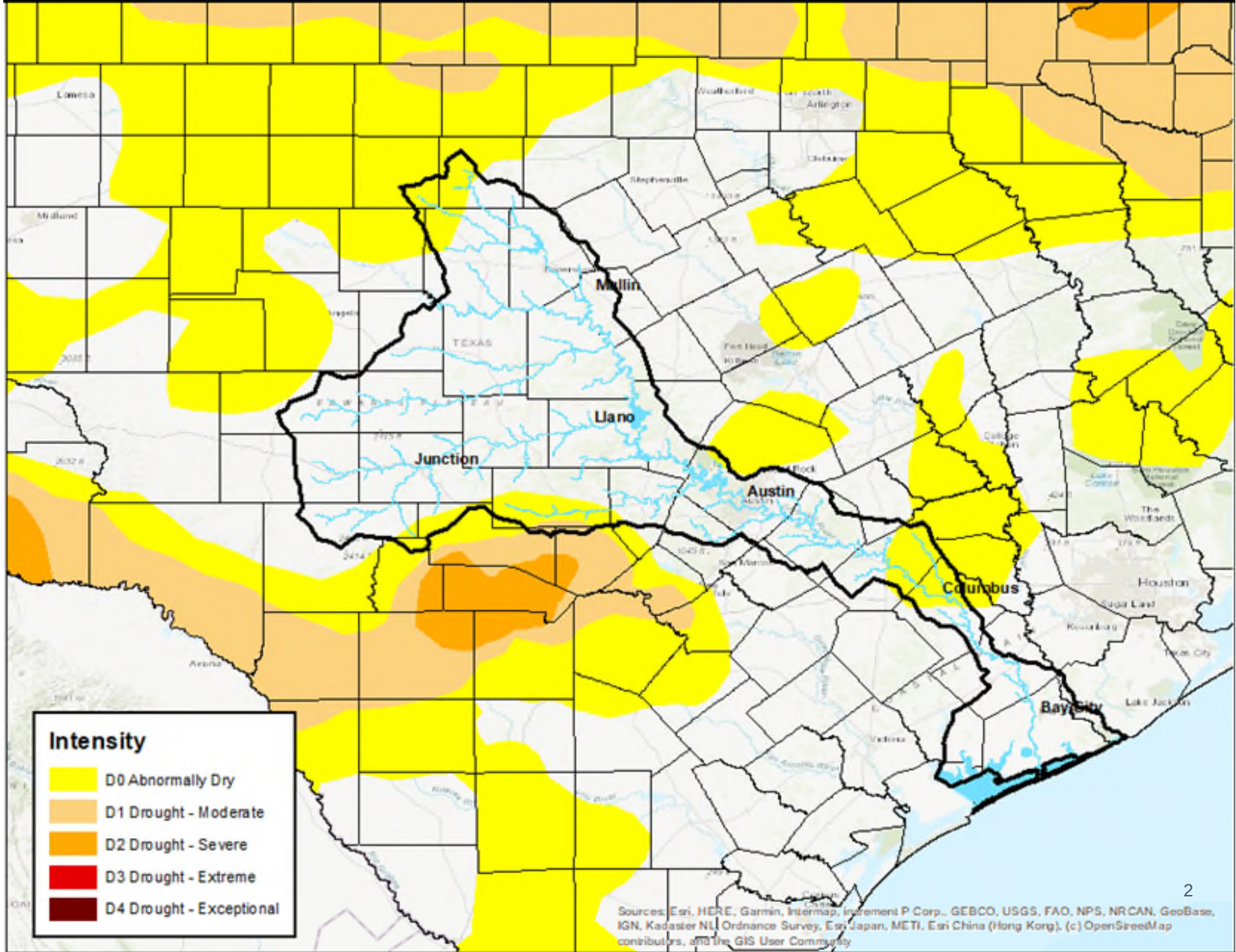


Sept. 10, 2024

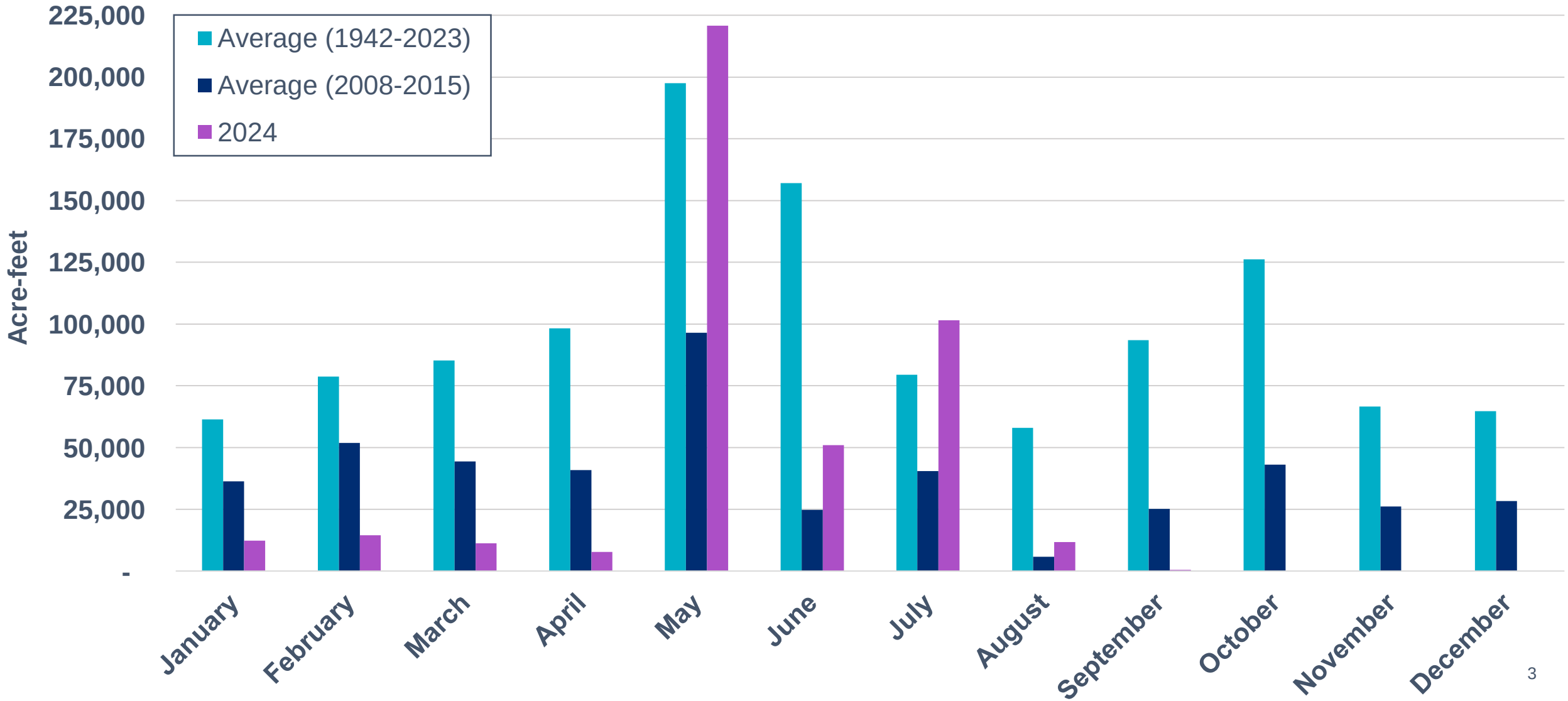
U.S. Drought Monitor

Lower Colorado River Basin

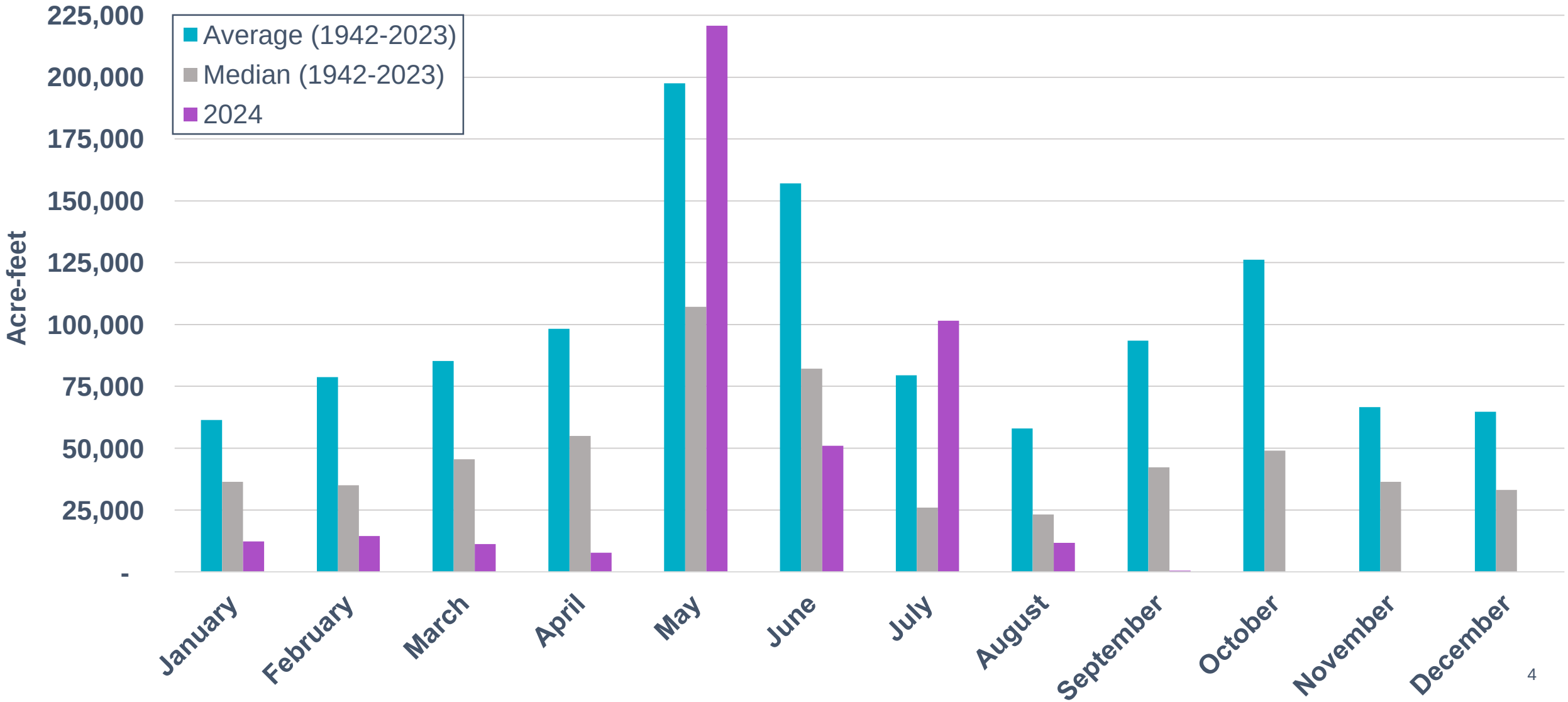
As of Sept. 10, 2024



Water Flowing Into Lakes Buchanan and Travis

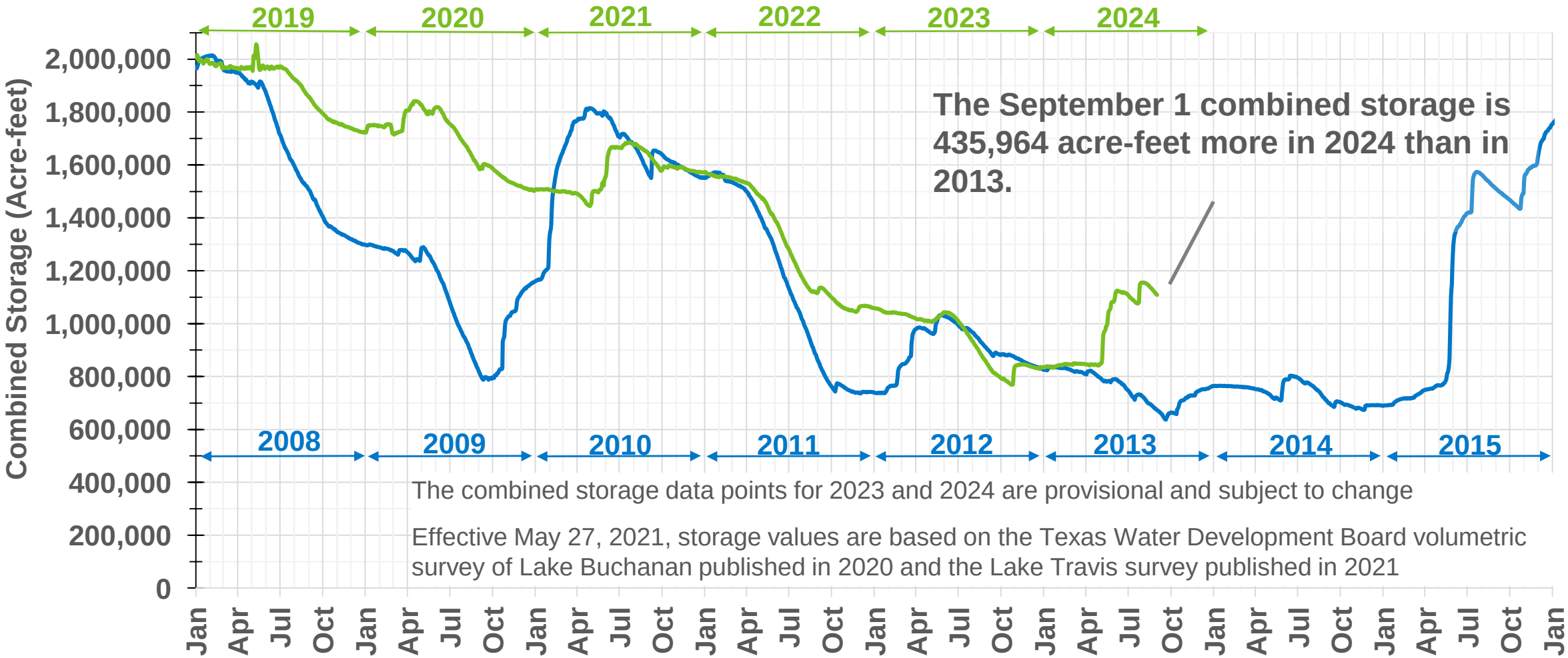


Water Flowing Into Lakes Buchanan and Travis – Median



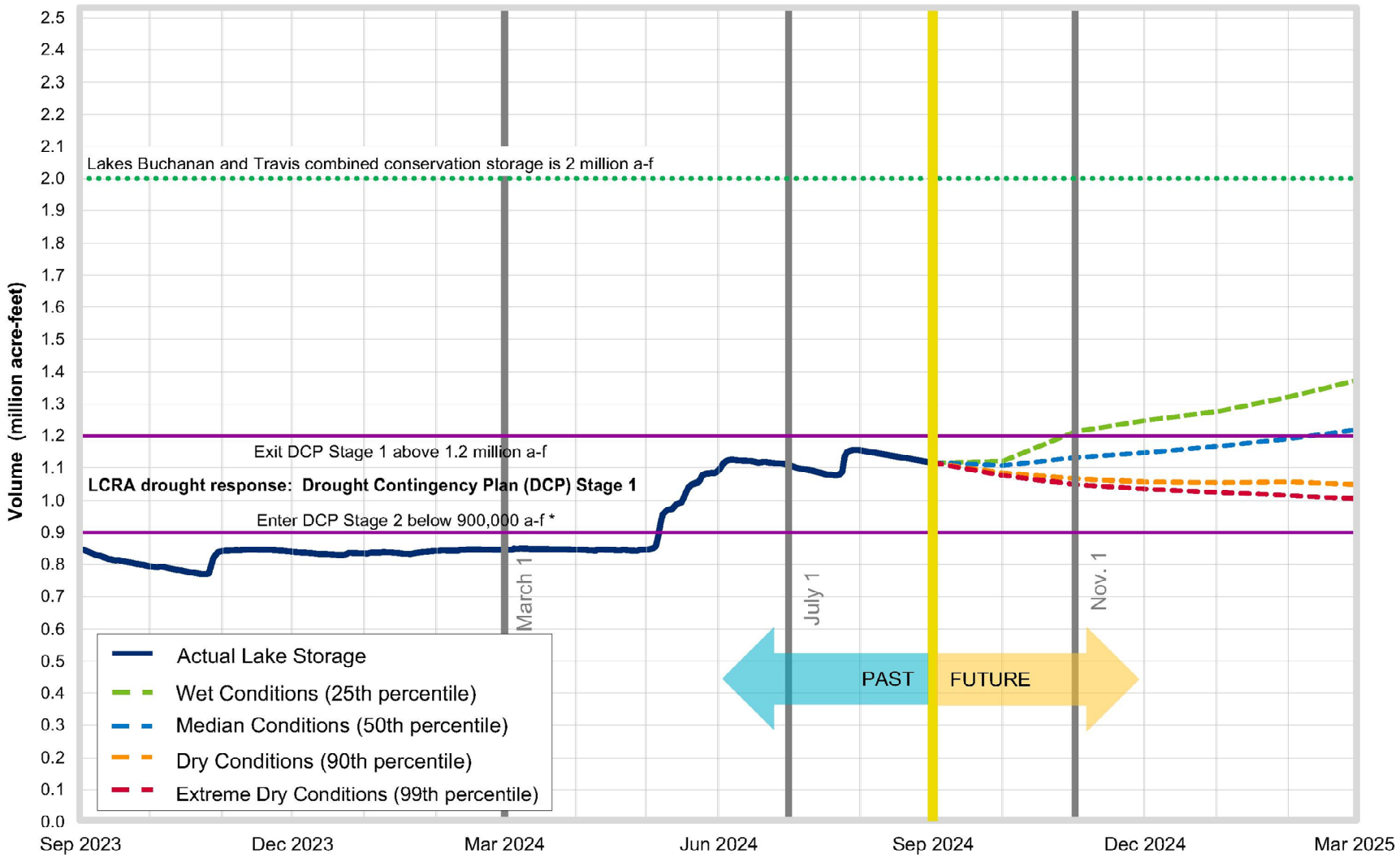
Combined Storage of Lakes Buchanan and Travis

Comparison of 2019-2024 and 2008-2015



As of Sept. 3, 2024

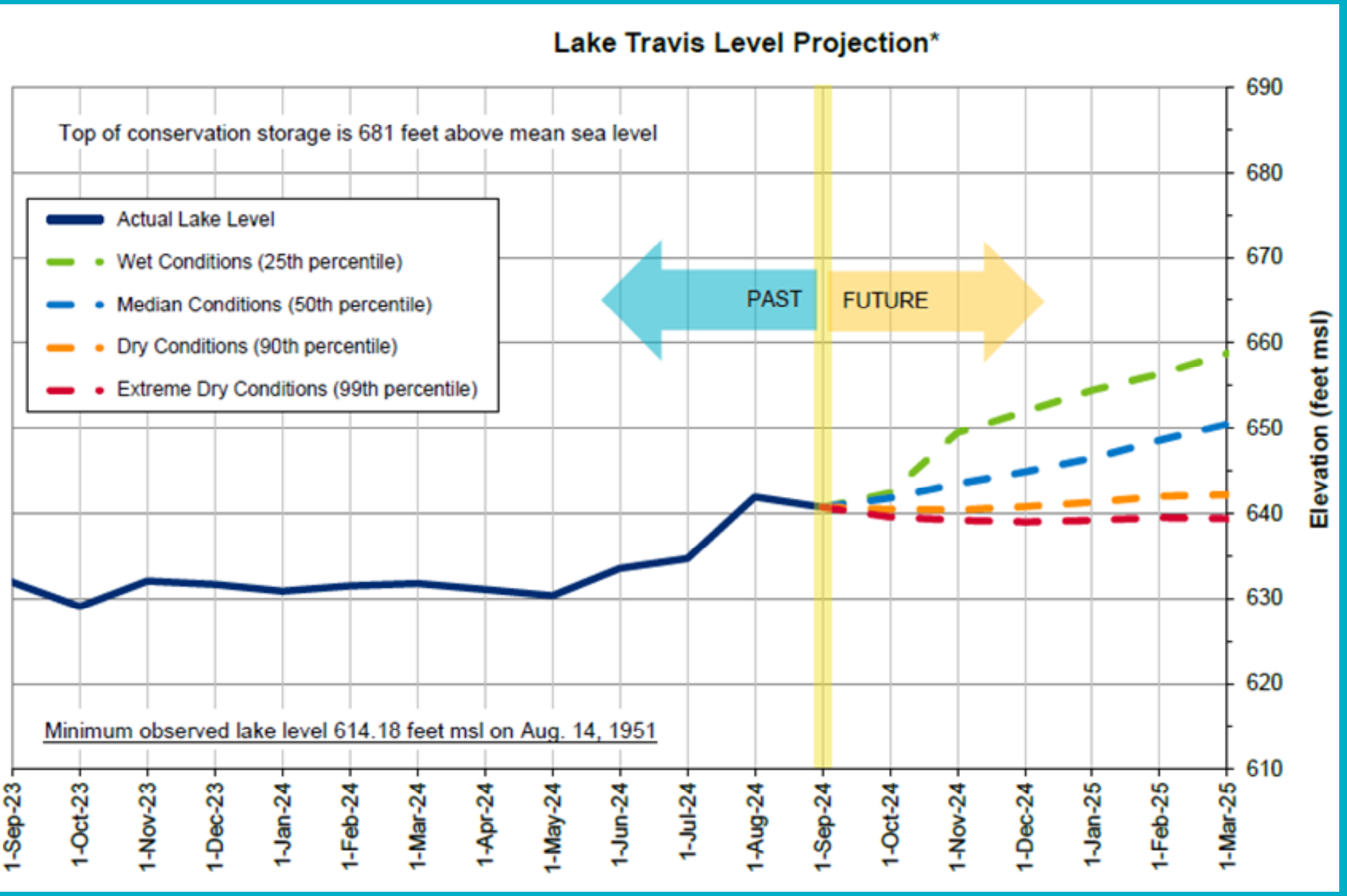
Lakes Buchanan and Travis Total Combined Storage Projections



* LCRA also would enter DCP Stage 2 on March 1 or July 1 if combined storage is below 1.1 million a-f and the prior three-month inflows total is less than the 25th percentile of historic inflows for that three-month period

Date: Sept. 1, 2024

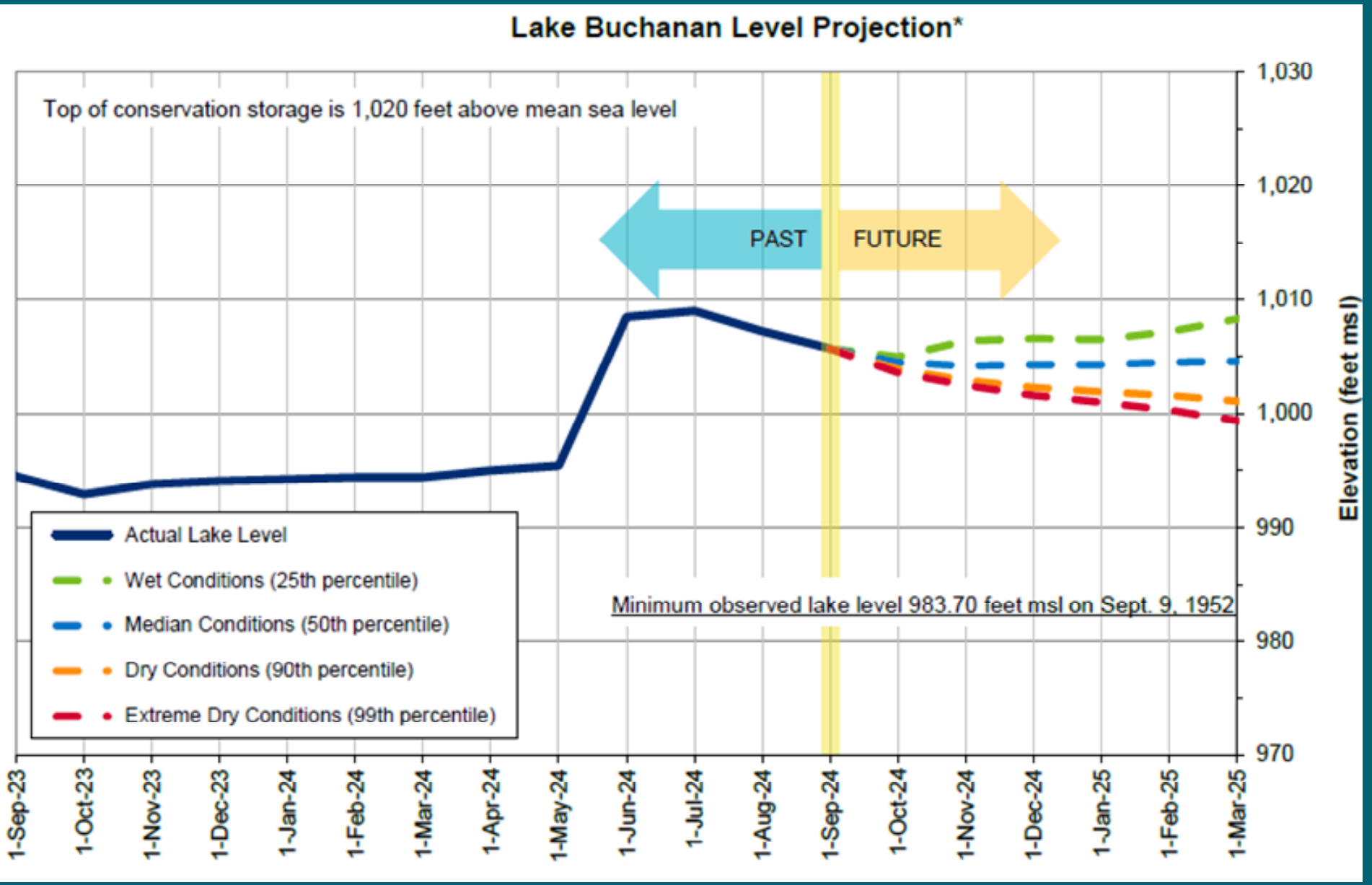
Note: One acre-foot equals 325,851 gallons



Average for September:
662.49 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



Average for September: 1,009.69 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

	Sept. 1, 2023	Sept. 1, 2024
Lake Travis (feet msl)	632.01	640.69
Lake Buchanan (feet msl)	994.50	1,005.40
Combined storage* (a-f)	847,725	1,108,546

*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.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