



EAST BAY MUNICIPAL UTILITY DISTRICT

Water Supply Update

Board of Directors

March 14, 2023

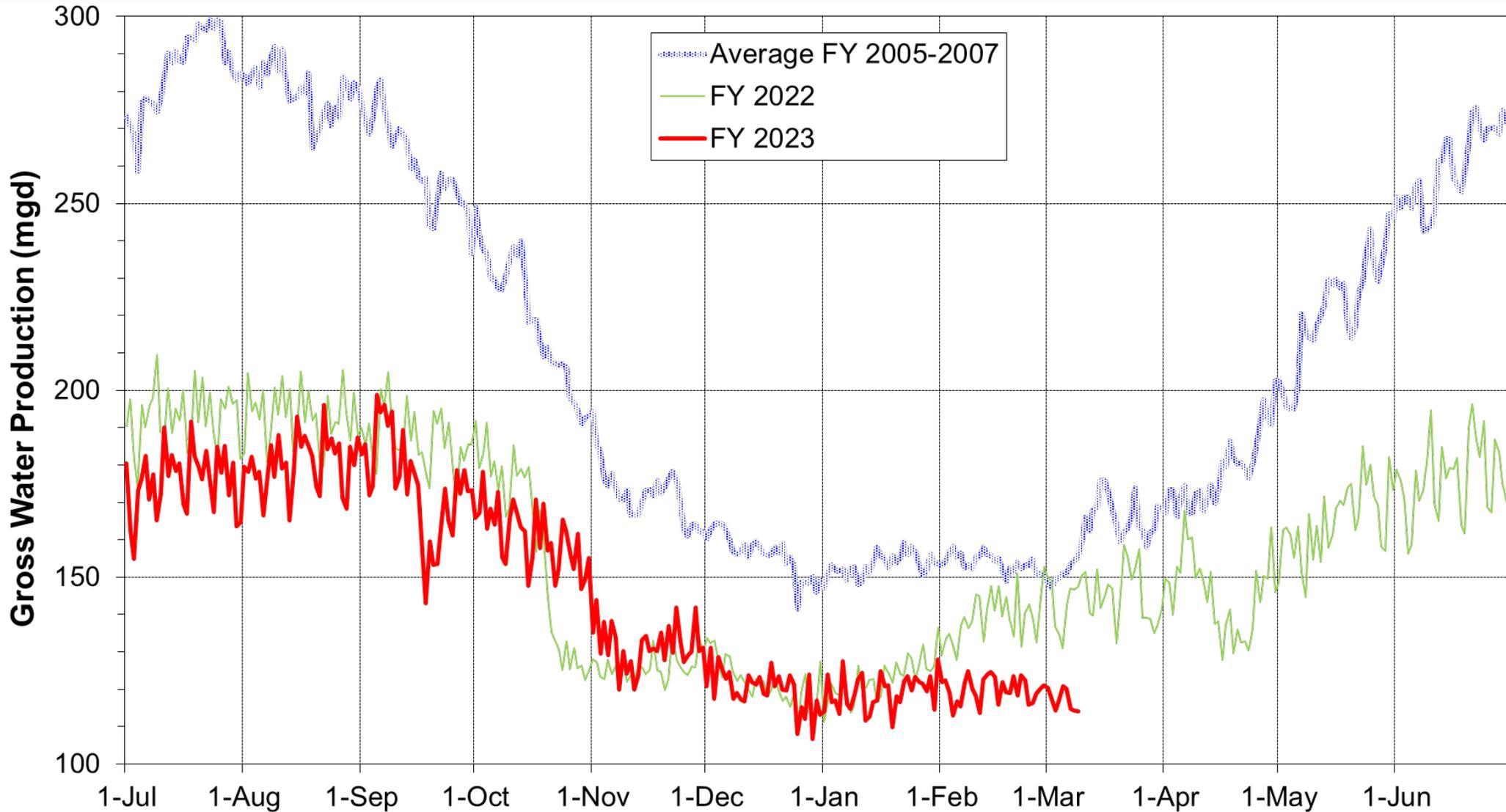
Water Supply Briefing



- Current Water Supply
- California Water Supply
- Water Supply Projections

Current Water Supply

Gross Water Production

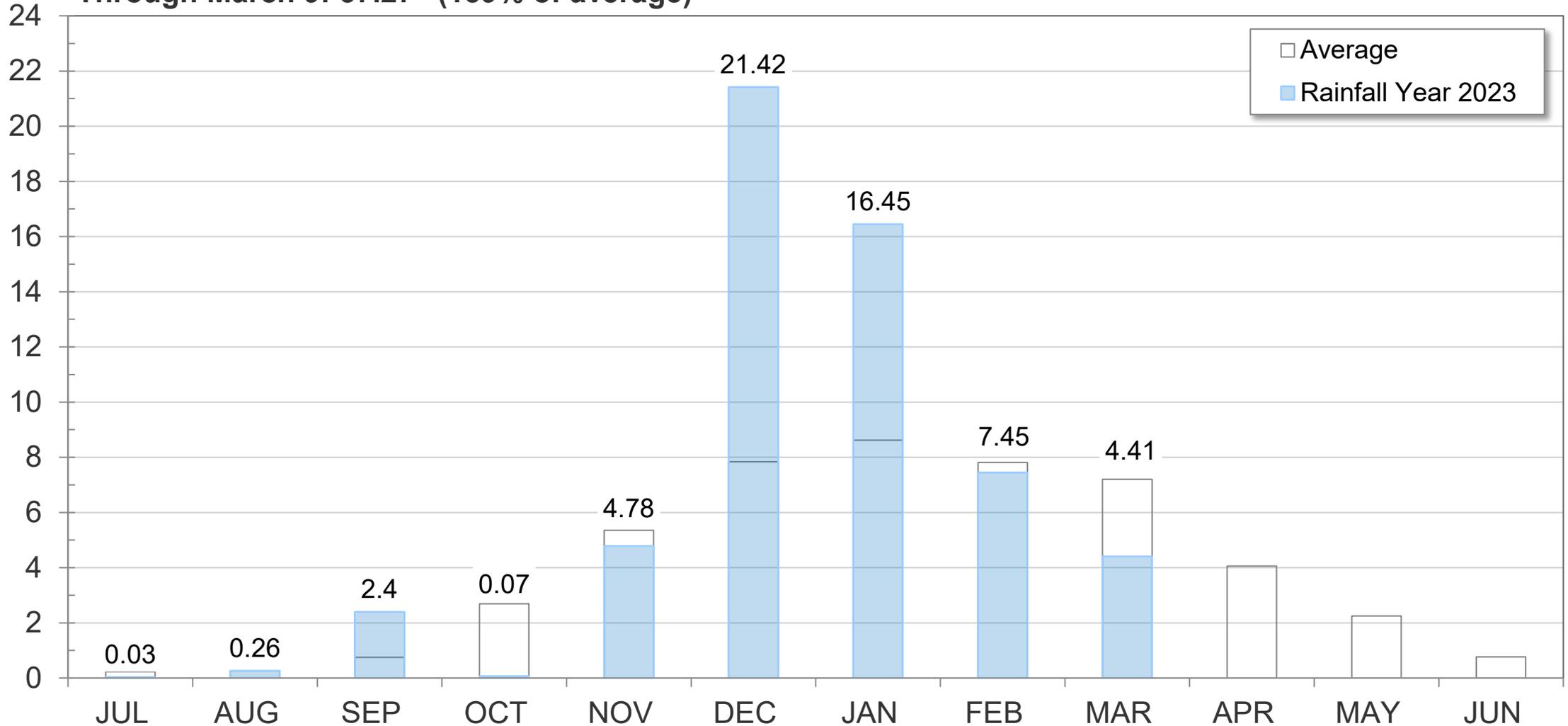


Current Water Supply

Mokelumne Precipitation

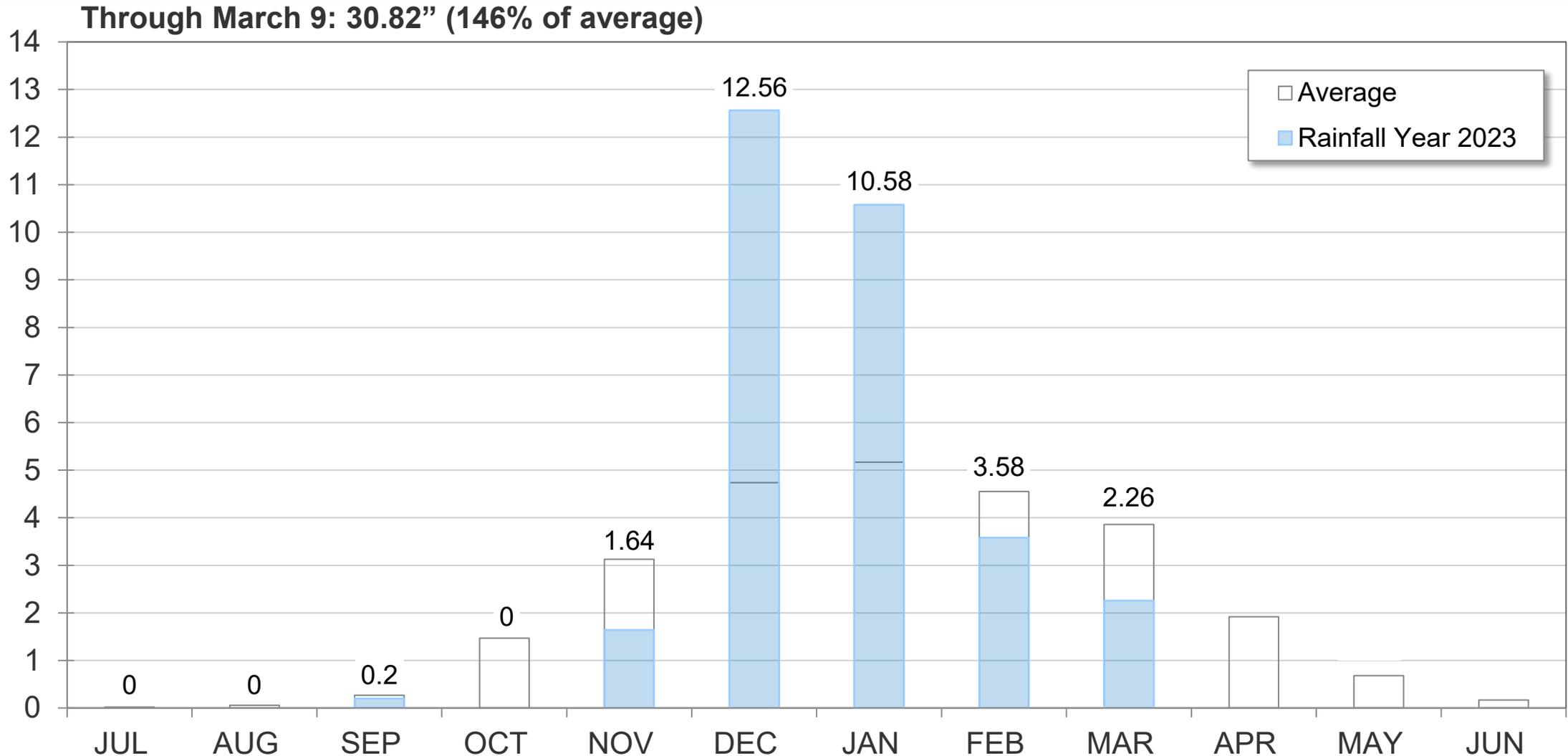


Through March 9: 57.27" (159% of average)



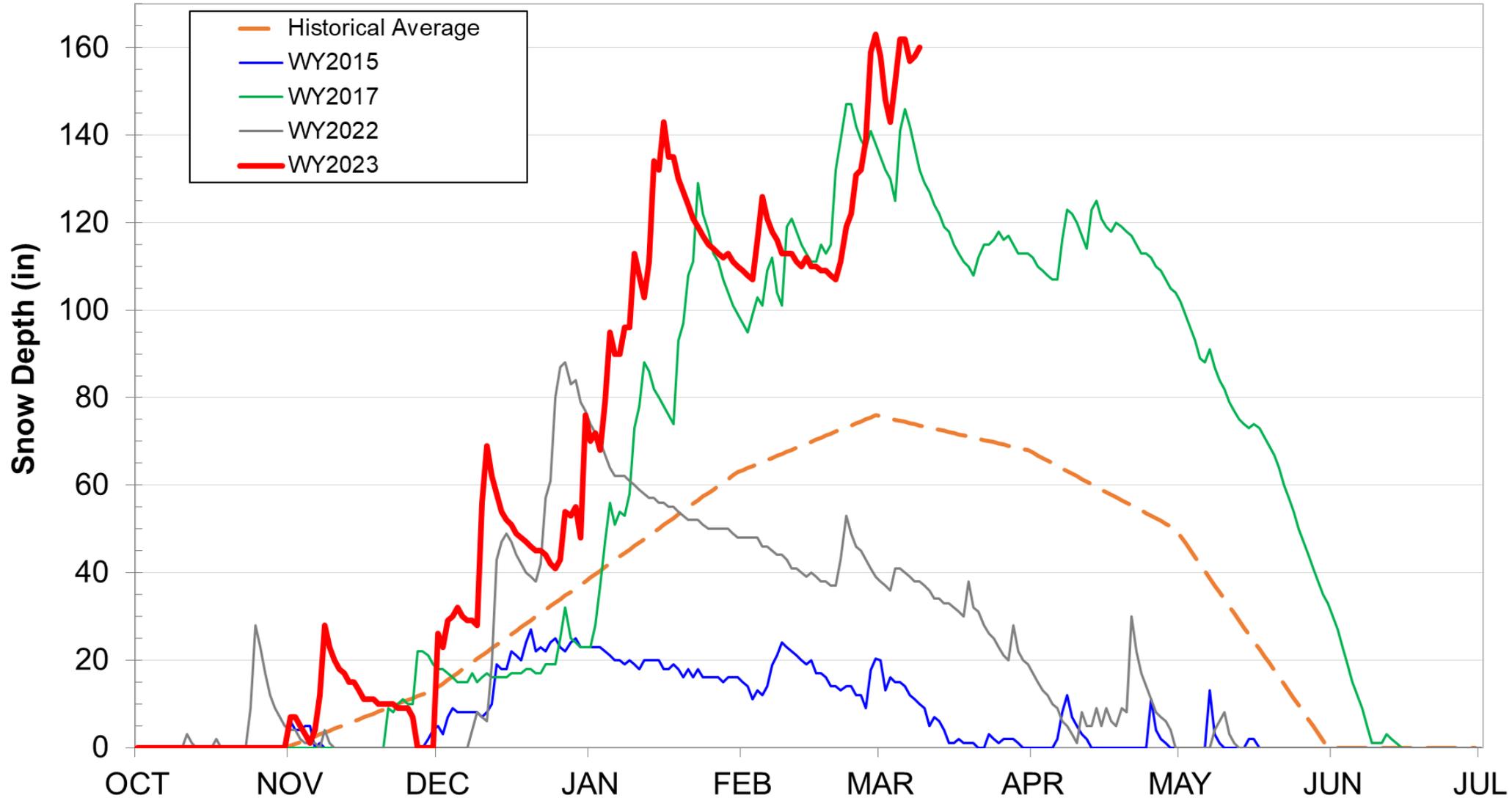
Current Water Supply

East Bay Precipitation



Current Water Supply

Caples Lake Snow Depth



Current Water Supply

Snow



As of 3/9/2023	Cumulative Precipitation	Percent of Average
Caples Lake Snow Depth	160"	217%
Caples Lake Snow Water Content	53.56"	196%

Current Water Supply

Reservoir Storage



As of 3/9/2023	Current Storage	Percent of Average	Percent of Capacity
Pardee	171,190 AF	93%	84%
Camanche	319,940 AF	114%	77%
East Bay	149,090 AF	110%	99%
Total System	640,220 AF	107%	83%

California Water Supply

Change in Snow Water Equivalents



Snow Water Content Percent of Normal for this Date				
Date	North	Central	South	State
1/1/23	139	187	209	179
2/1/23	171	203	249	205
3/1/23	153	198	232	194
3/10/23	165	206	240	191

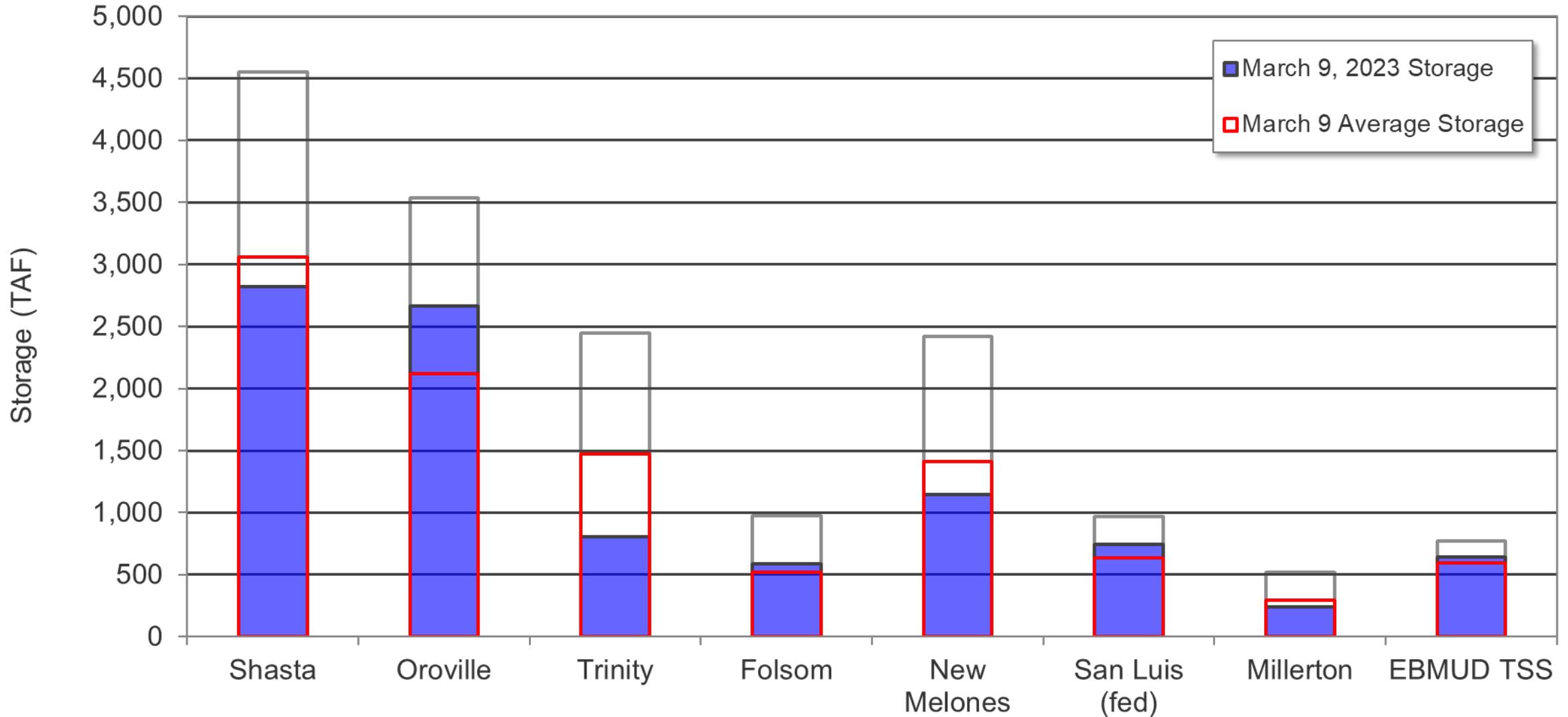


Data for: 10-Mar-2023
Statewide Average: 191%

% of Normal for this Date

Northern California Water Supply

Current vs. Average Storage

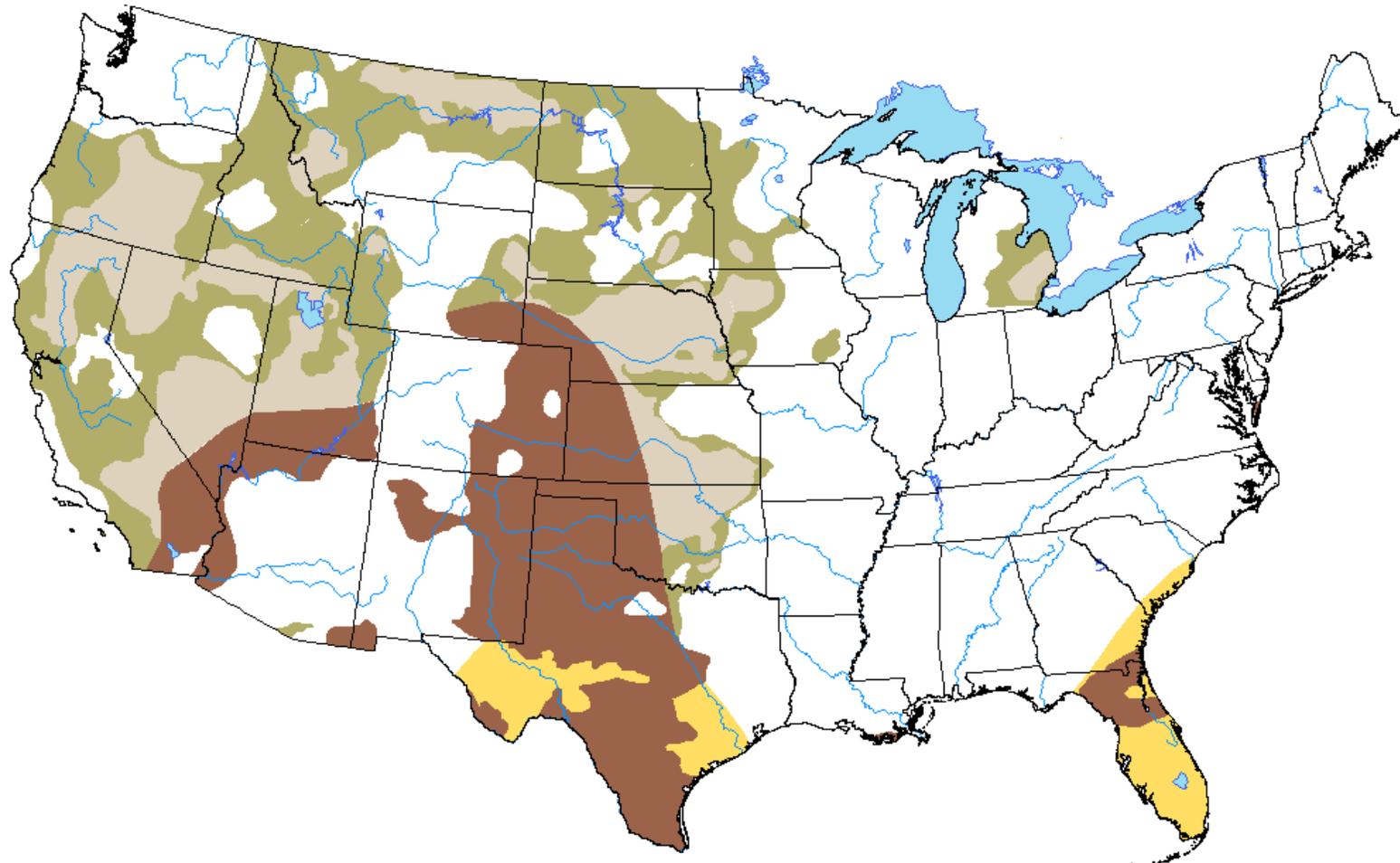


Water Supply Projections

U.S. Drought Monitor Seasonal Outlook



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



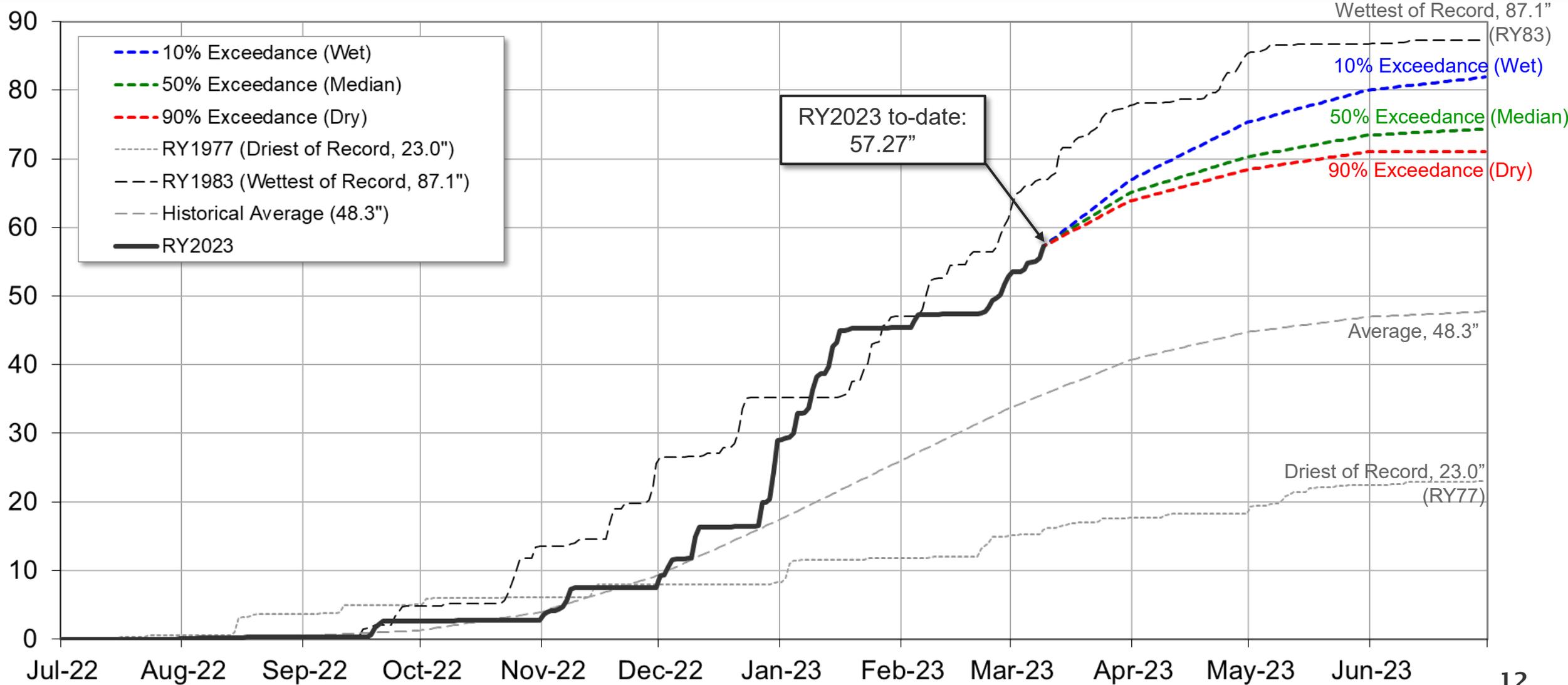
Valid for March 1 - May 31, 2023
Released February 28, 2023

-  Drought persists
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely



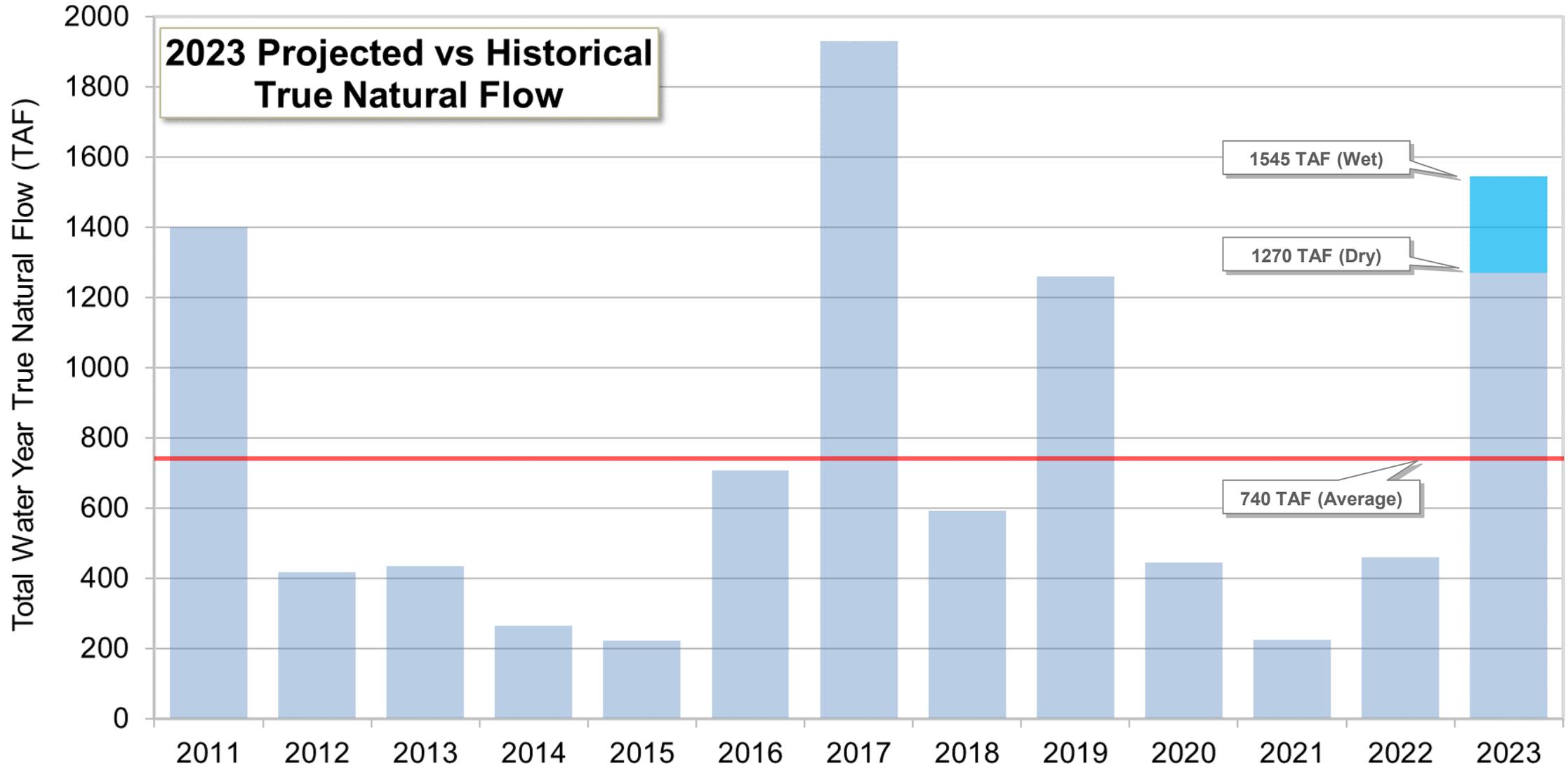
Water Supply Projections

Mokelumne Precipitation Rainfall Year (RY) 2023



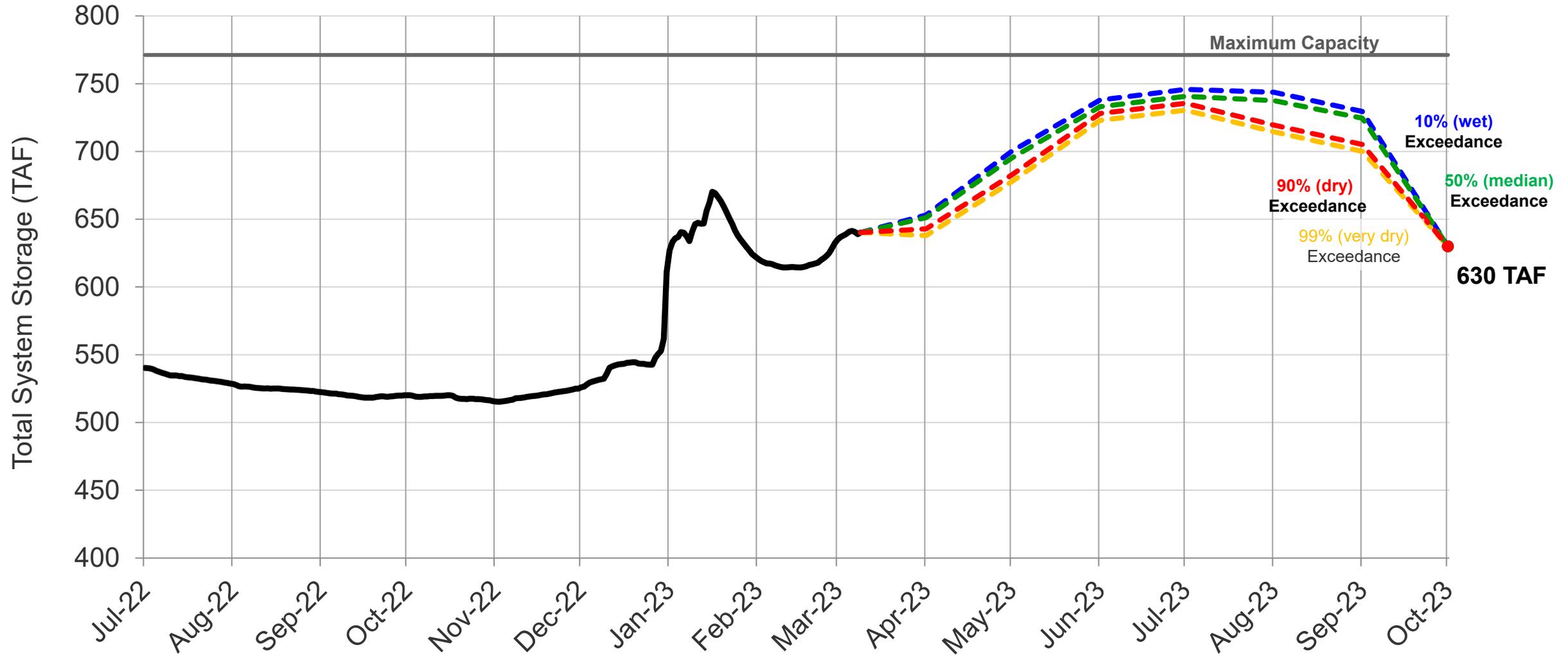
Water Supply Projections

Projected 2023 EBMUD Unimpaired Runoff



Water Supply Projections

Projected 2023 EBMUD Total System Storage



Questions ?



Dave Hansen at Big Trees Weather Station – J. Toone, March 2023