



Water Supply Update

Board of Directors

January 28, 2025

Roberto C. Cortez, Manager of Water Operations



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

Briefing Topics

- Water Year 2024 Review
- Current Water Supply
- Water Supply Projection

Water Year 2024 In Review

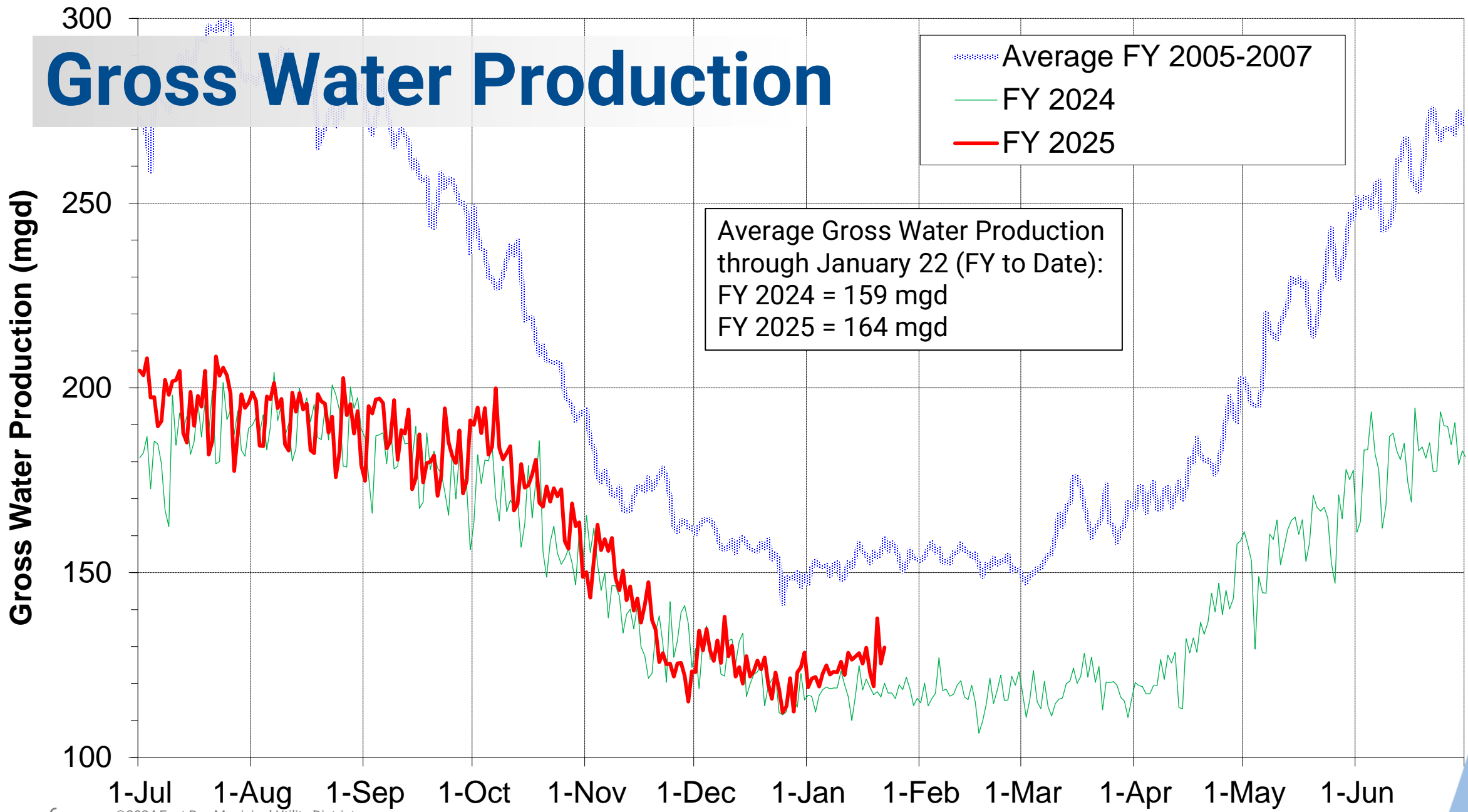
Water Year 2024 Review

- Upper Mokelumne Precipitation: 42.0" (47.9" avg)
- Snowpack Water Content (Max): 34.0" (33.0" avg)
- East Bay Precipitation: 19.9" (26.0" avg)
- Total Unimpaired Runoff: 655 TAF (745 TAF avg)
- End of Water Year Storage: 630 TAF (Full)

Current Water Supply

A blue-tinted photograph of a river flowing over rocks, with dense trees in the background. The river is the central focus, with water cascading over numerous dark, rounded rocks. The background is filled with a thick forest of trees, their leaves appearing as a textured canopy. The overall scene is serene and natural.

Gross Water Production



Average Gross Water Production through January 22 (FY to Date):
FY 2024 = 159 mgd
FY 2025 = 164 mgd

● Average FY 2005-2007
— FY 2024
— FY 2025



Reservoir Storage

As of 1/22/2025	Current Storage	Percent of Average	Percent of Capacity
Pardee	174,260 AF	97%	86%
Camanche	305,700 AF	118%	73%
East Bay	123,020 AF	99%	82%
Total System	602,980 AF	107%	78%

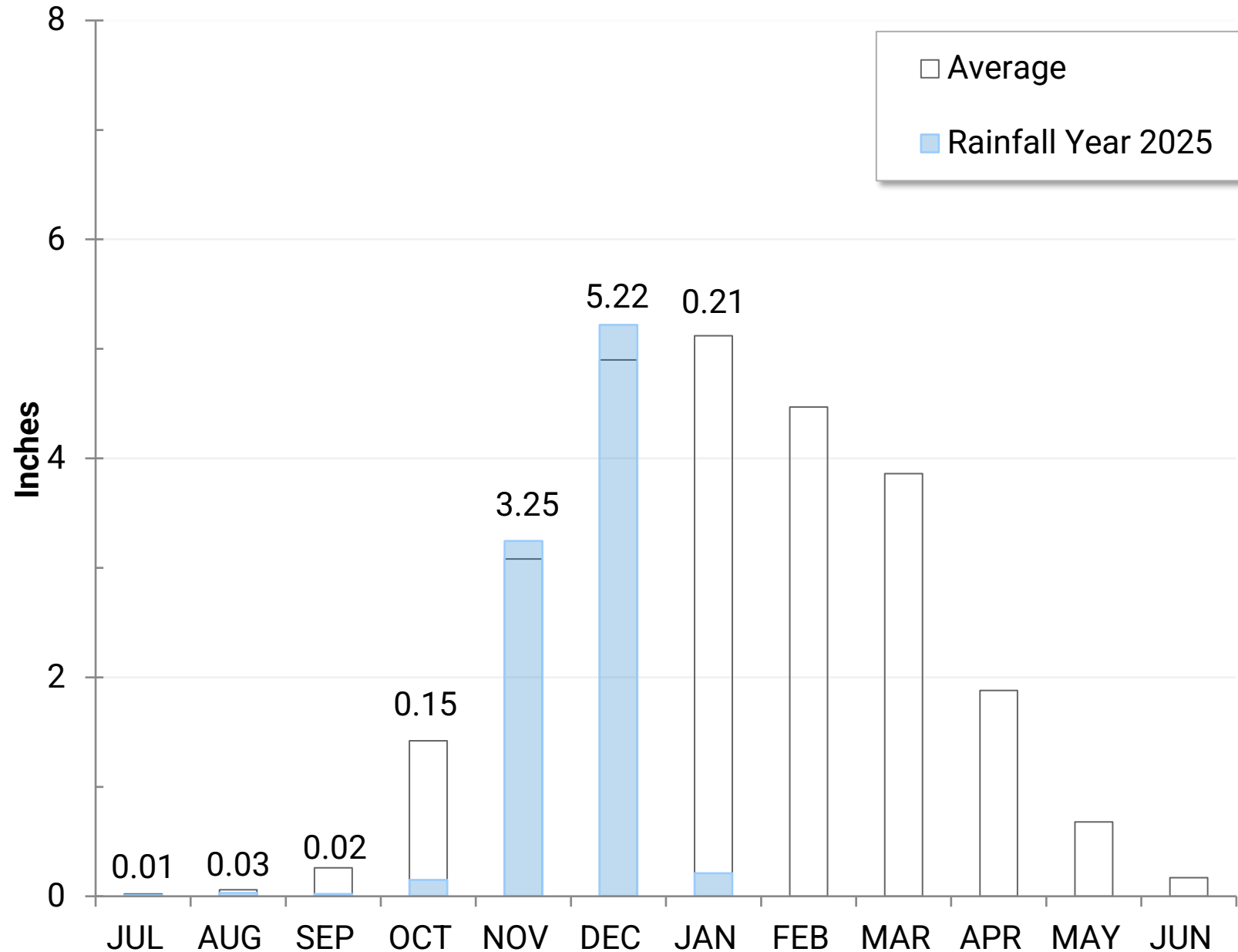
AF: Acre-Feet

Precipitation as of January 22

East Bay: 8.9"
(66% of average)

Weather Station Details

- USL WTP
- Lafayette Reservoir
- Data collected since 1953

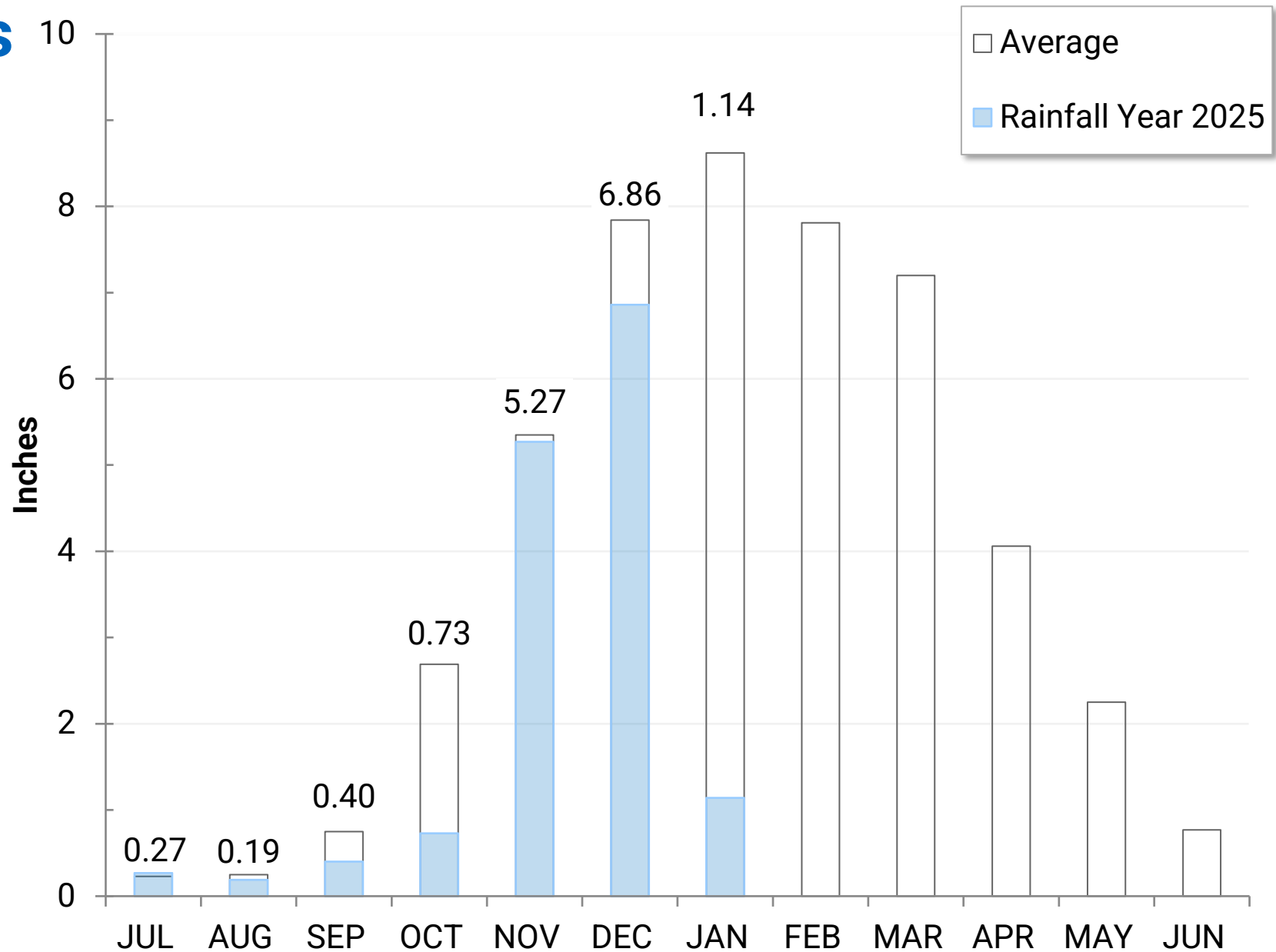


Precipitation as of January 22

Mokelumne Watershed: 14.9" (63% of average)

Weather Station Details

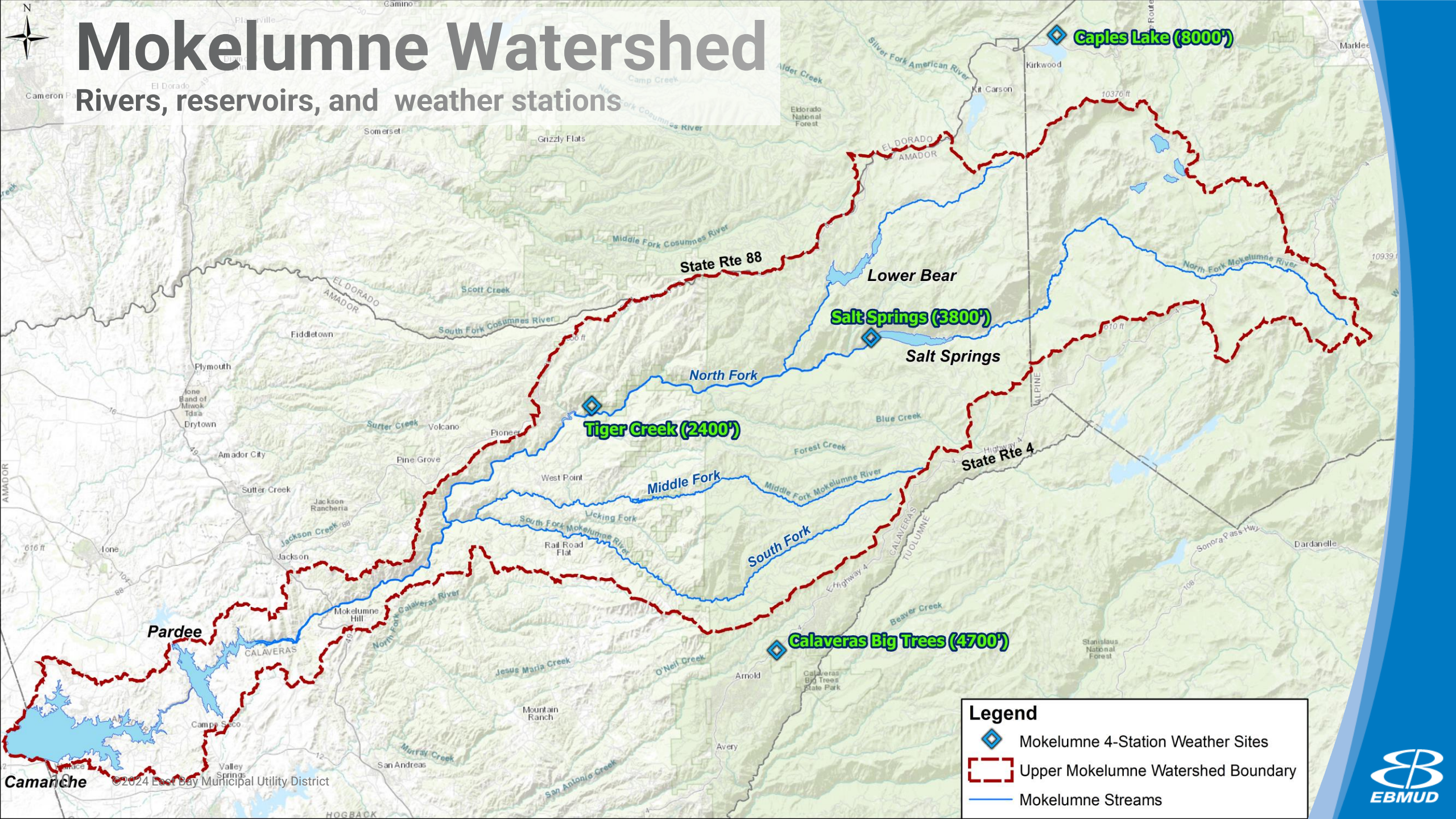
- Big Trees
- Caples Lake
- Salt Spring Reservoir
- Tiger Creek Power Station
- Data collected since 1930





Mokelumne Watershed

Rivers, reservoirs, and weather stations



Caples Lake (8000')

Salt Springs (3800')

Tiger Creek (2400')

Calaveras Big Trees (4700')

Legend

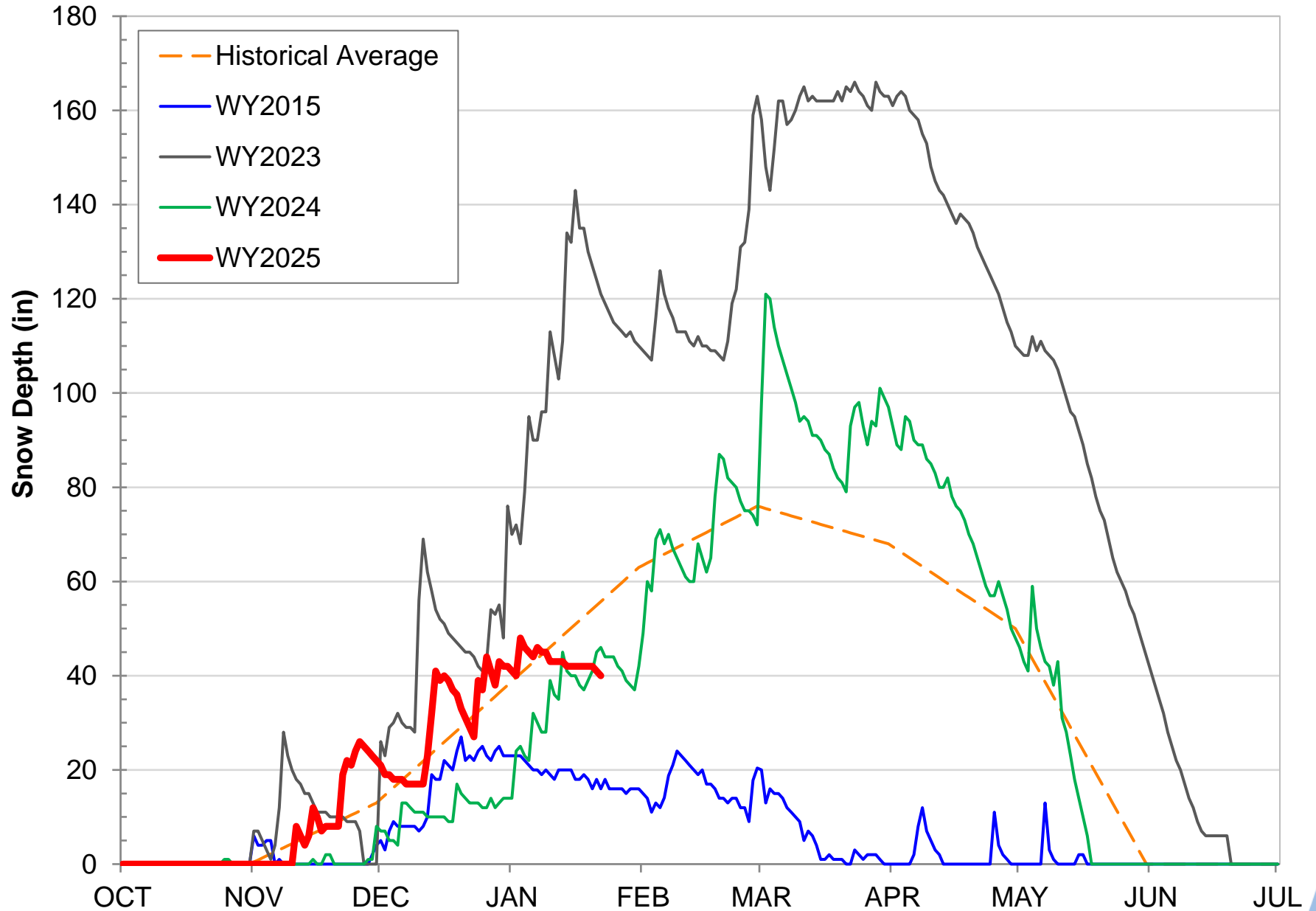
- Mokelumne 4-Station Weather Sites
- Upper Mokelumne Watershed Boundary
- Mokelumne Streams



Caples Lake Snow as of January 22

Snow Depth – 40”
(72% of average)

Snow Water Content – 10.25”
(58% of average)





Redwood Creek, J. Wood 2022

Snowpack as of January 23

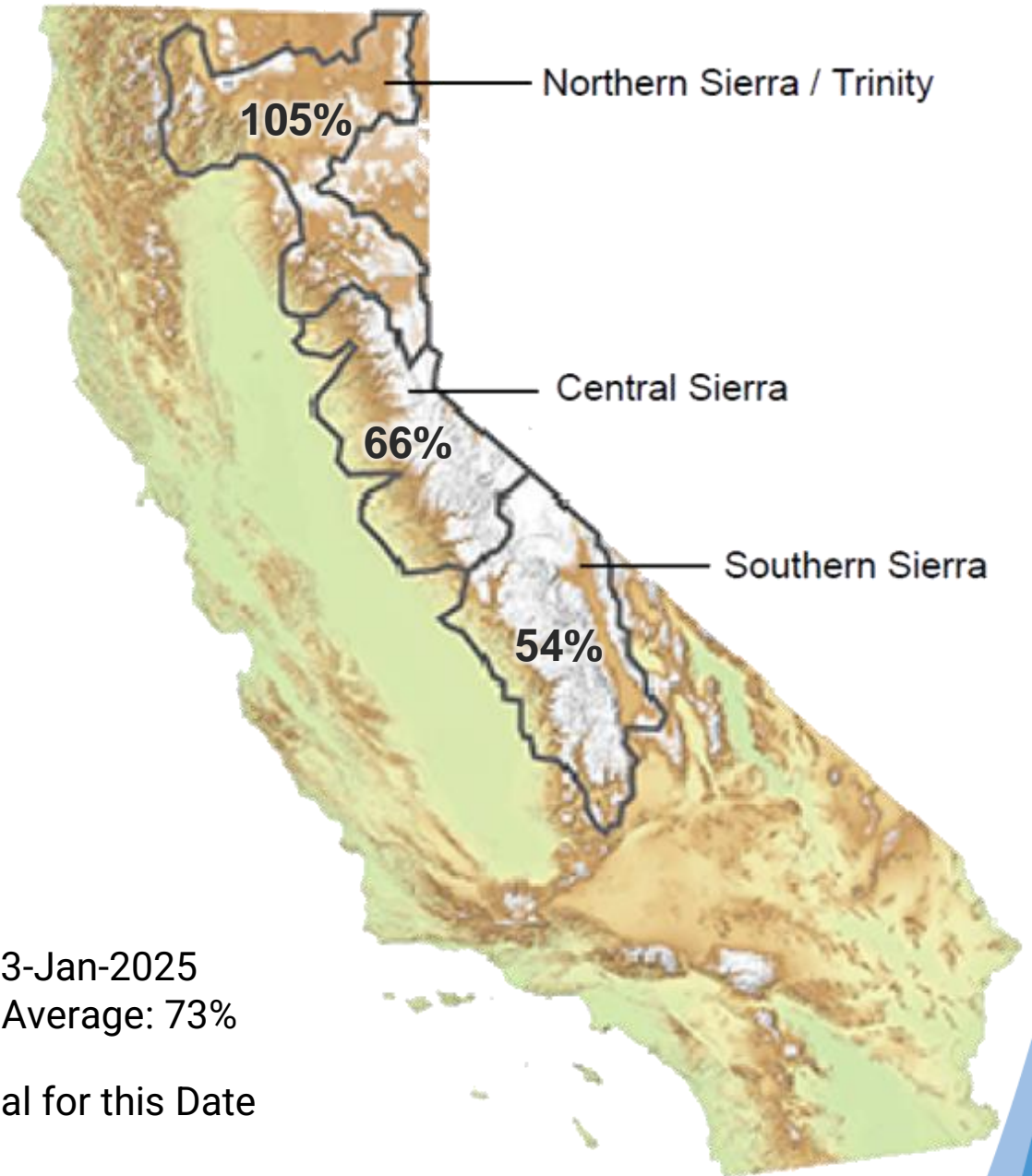
Snow Water Equivalent:

66% of Normal in Central Sierra



Data for: 23-Jan-2025
Statewide Average: 73%

% of Normal for this Date

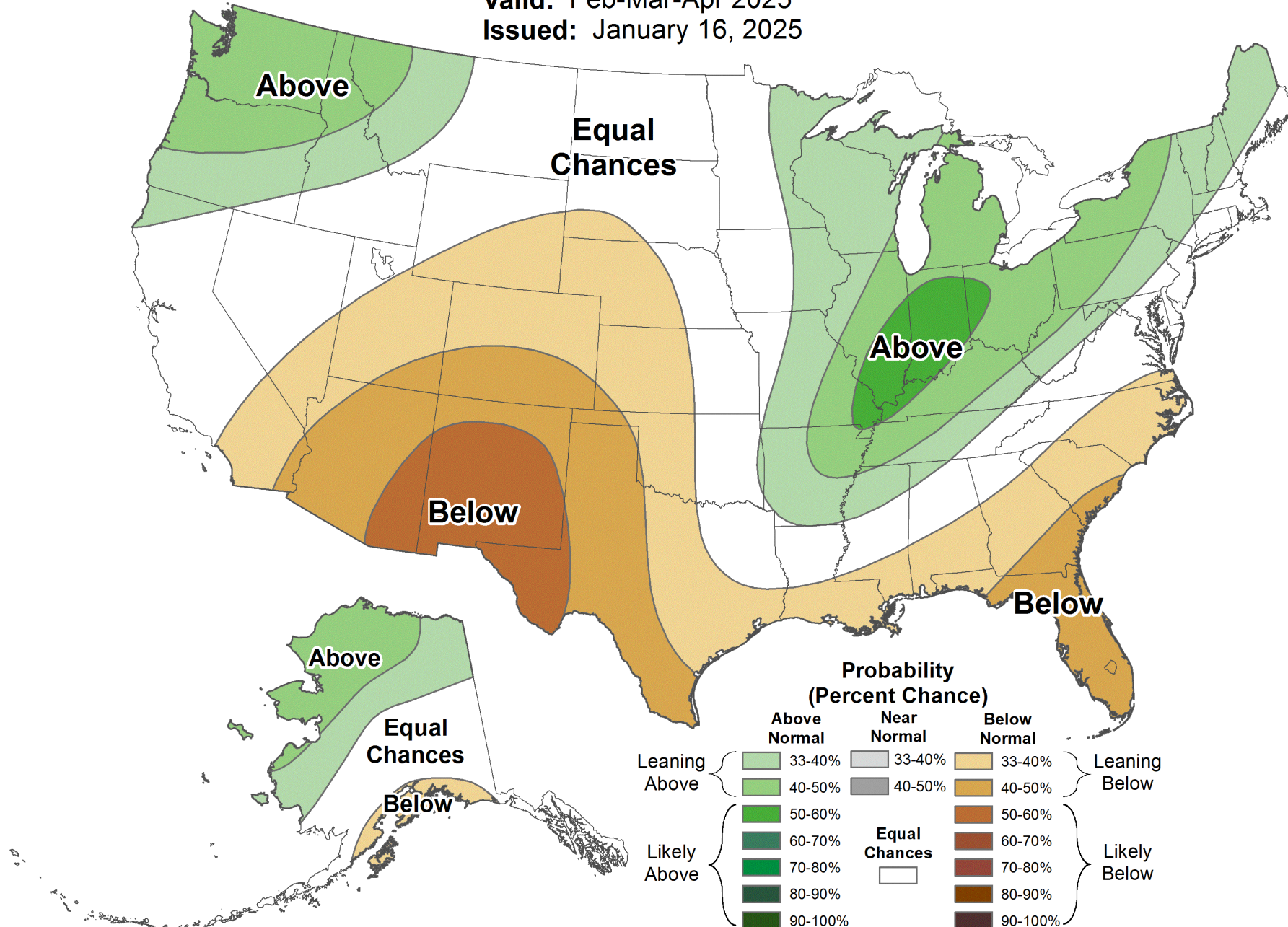




Seasonal Precipitation Outlook



Valid: Feb-Mar-Apr 2025
Issued: January 16, 2025

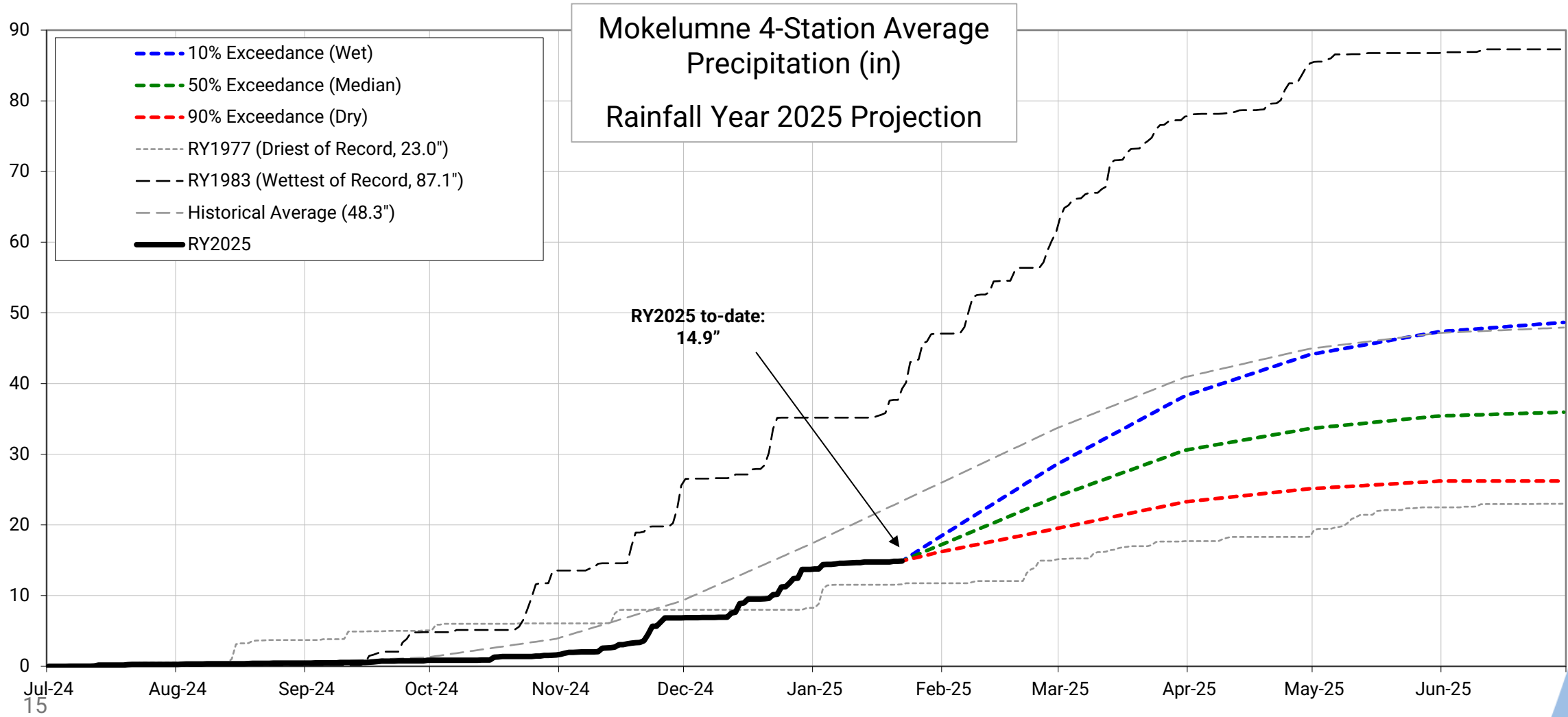


Water Supply Projections

A blue-tinted photograph of a river flowing over rocks, with dense trees in the background. The river is the central focus, with white water rapids visible as it flows over a bed of dark, jagged rocks. The banks are lined with thick, green foliage, and the overall scene is captured in a monochromatic blue color scheme.

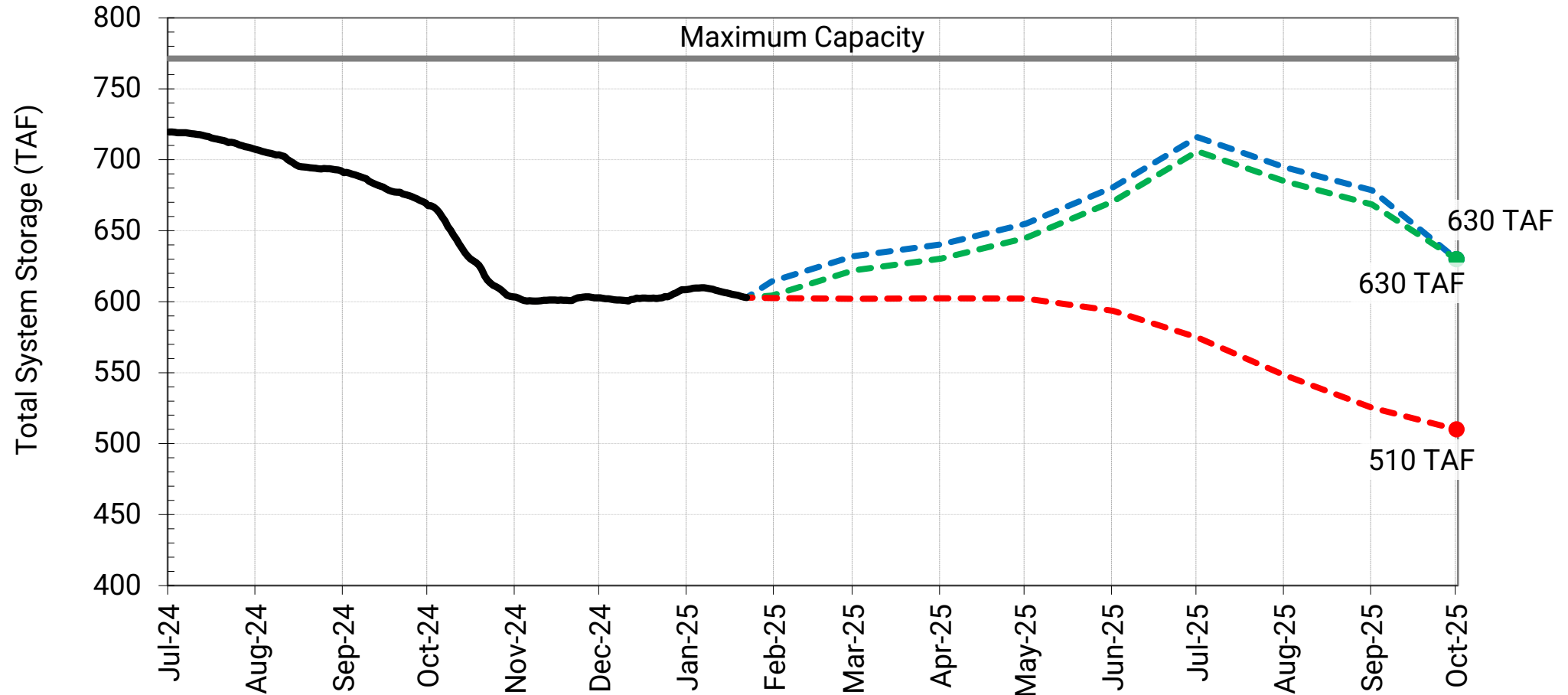
Projected Precipitation

Mokelumne Precipitation Rainfall Year 2025



End of Season Storage

2025 Total System Storage Projections





Questions?

