



One Water and Stewardship Committee

Update on WSDM

Item 6e
January 13, 2025

Item 6e
Update
on
WSDM

Subject

Update on Oral Report on Water Surplus and Drought Management

Purpose

Provide updated supply and hydrologic information

WSDM Update

SWP Table A Allocation Increases to 15%

- SWP Allocation increased from 5% to 15%
 - Update reflected improved hydrologic conditions from late November and early December 2024 storm events
 - Incorporated latest storage level information
- Additional increases to the SWP Allocation may occur
 - DWR continues to assess precipitation, snowpack, and storage levels as Water Year 2025 conditions develop

Phillips Station (January 02, 2024)



Credit: DWR

Lake Oroville (December 20, 2024)



Credit: DWR

Hydrologic Conditions Update

Hydrologic Conditions Summary

State Water Project

Northern Sierra Precipitation



26.4 in.

127%

As of 01/09

% of Normal
for this Date

Northern Sierra Snowpack



15.2 in.

139%

As of 01/09

% of Normal
for this Date

Lake Oroville



2.45 MAF

72%

As of 01/08

% of Total
Capacity

SWP Share of San Luis Reservoir



889 TAF

84%

As of 01/08

% of Total
Capacity

Colorado River

Upper Colorado River Basin Precipitation



8.5 in.

96%

As of 01/09

% of Normal
for this Date

Upper Colorado River Basin Snowpack



6.6 in.

95%

As of 01/09

% of Normal
for this Date

Lake Powell



8.58 MAF

37%

As of 01/08

% of Total
Capacity

Lake Mead



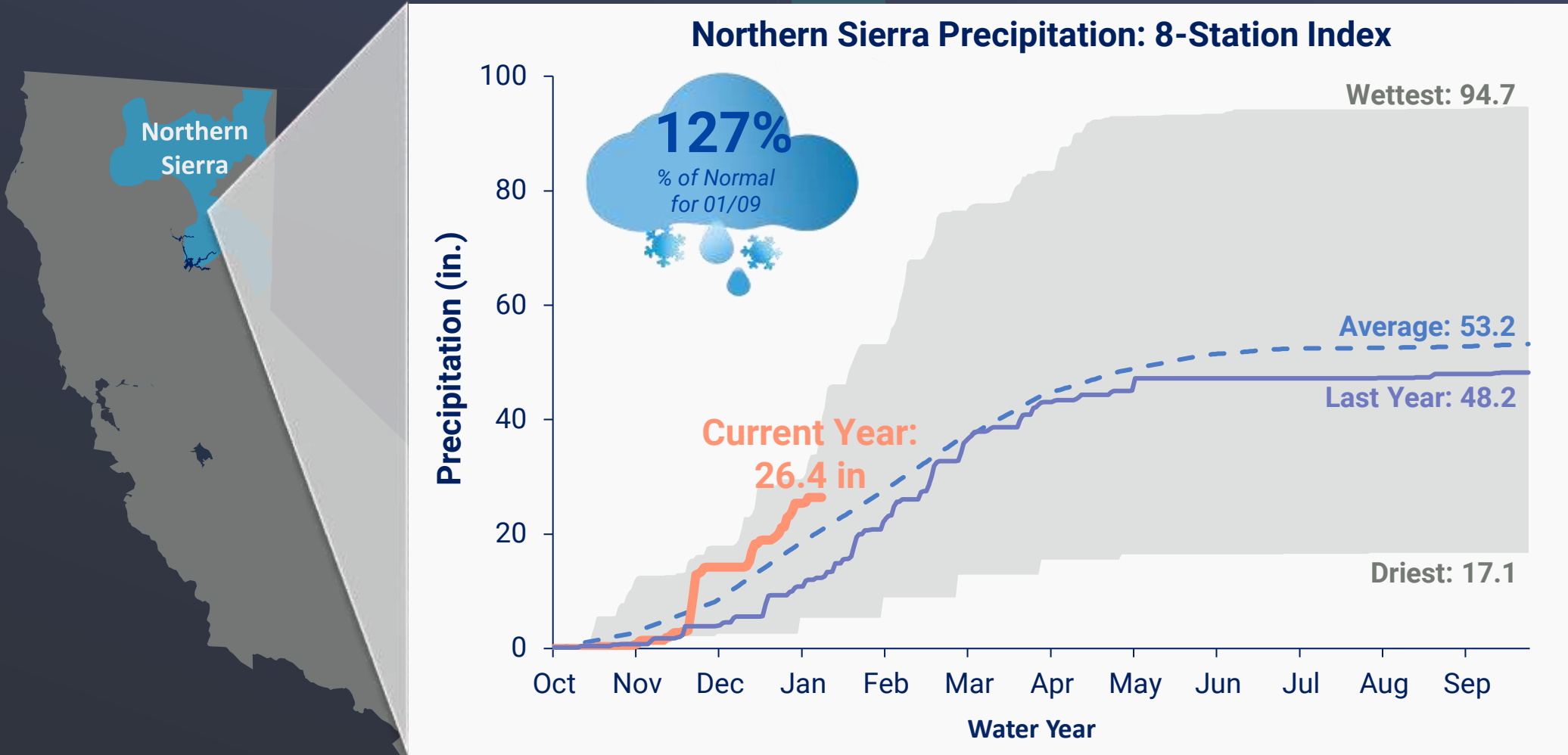
8.74 MAF

33%

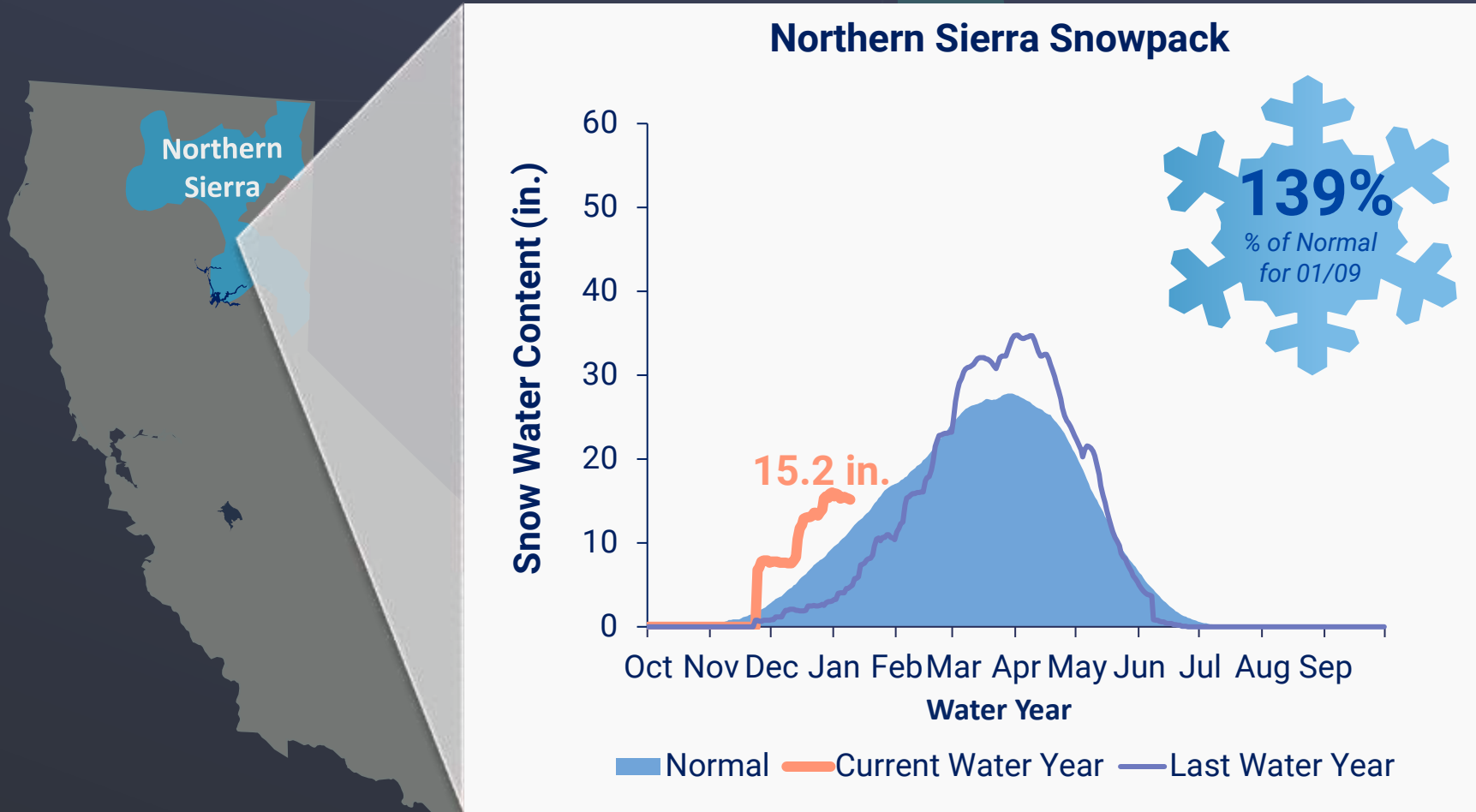
As of 01/08

% of Total
Capacity

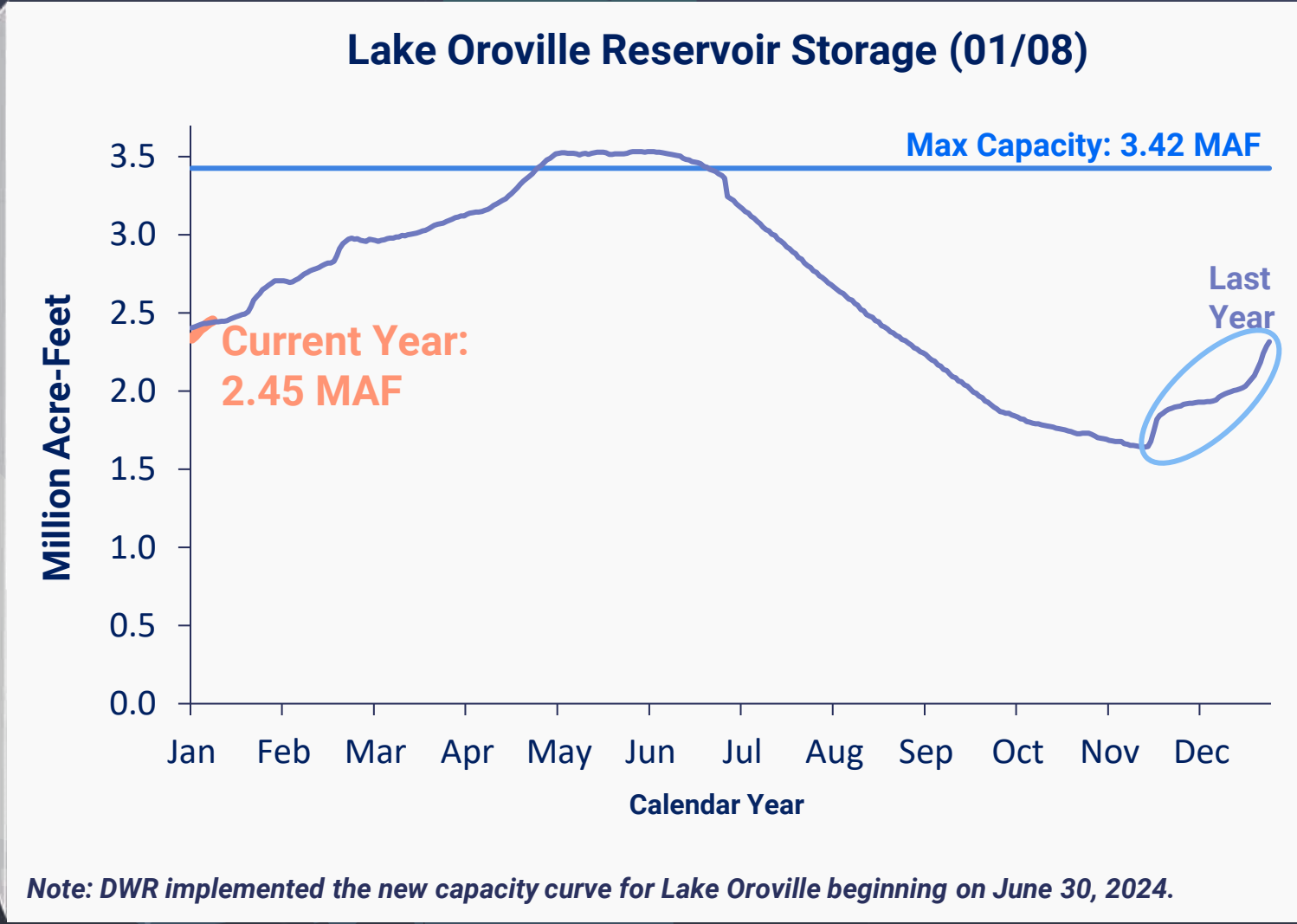
Above Average Precipitation for Northern Sierra



Late 2024 Storms Improve Snowpack in Northern Sierra



Winter Storms Bolster Storage Levels in Lake Oroville



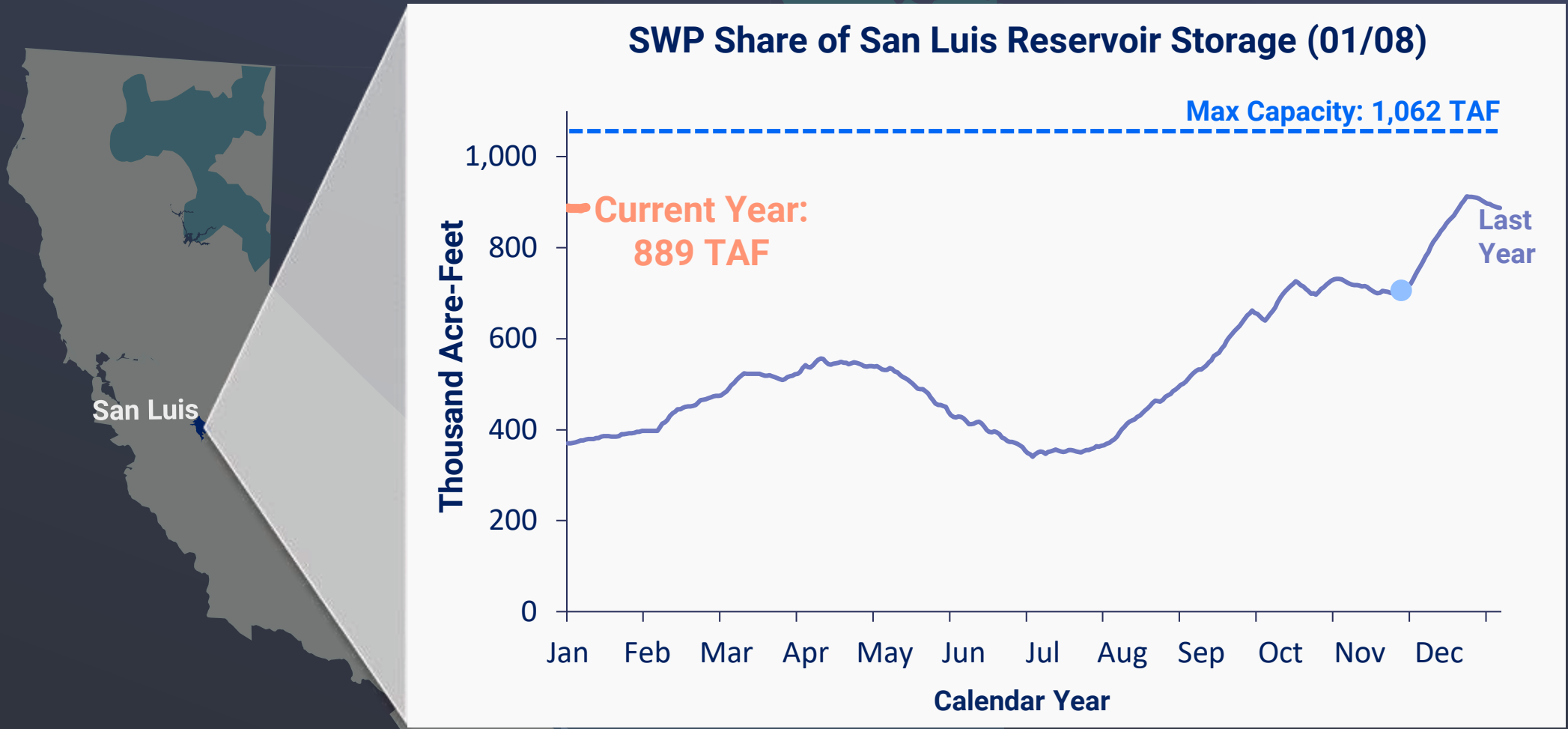
Updated Oroville Capacity Curve

New Reservoir
Capacity:
3.42 MAF

- In 2022, DWR began to assess Oroville's original storage capacity curve
 - 3% reduction in capacity, mainly due to sedimentation and more accurate measurements
- Impacts to SWP allocations likely to be minimal
 - Estimated average annual decrease in deliveries: < 20 TAF
 - Impacts mainly to occur in dry and below normal years



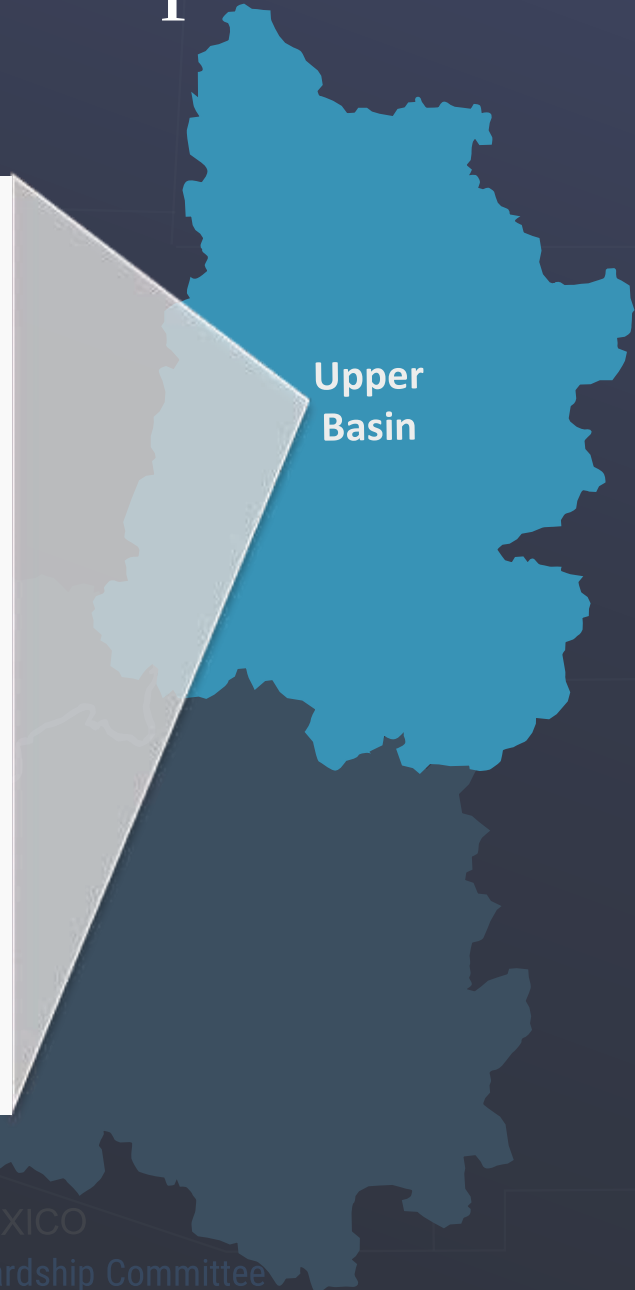
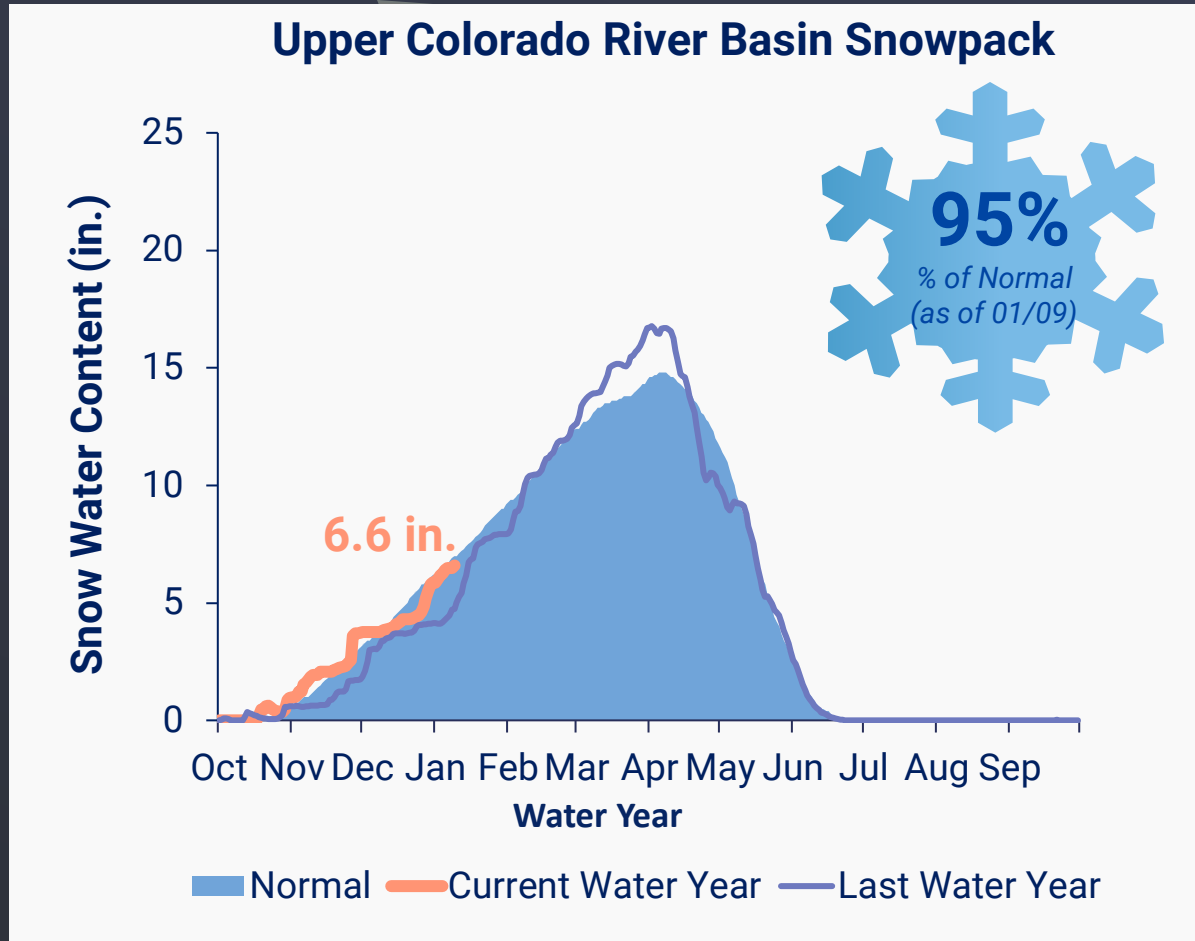
SWP Share of San Luis Storage Meets 2024 EOY Target



San Luis

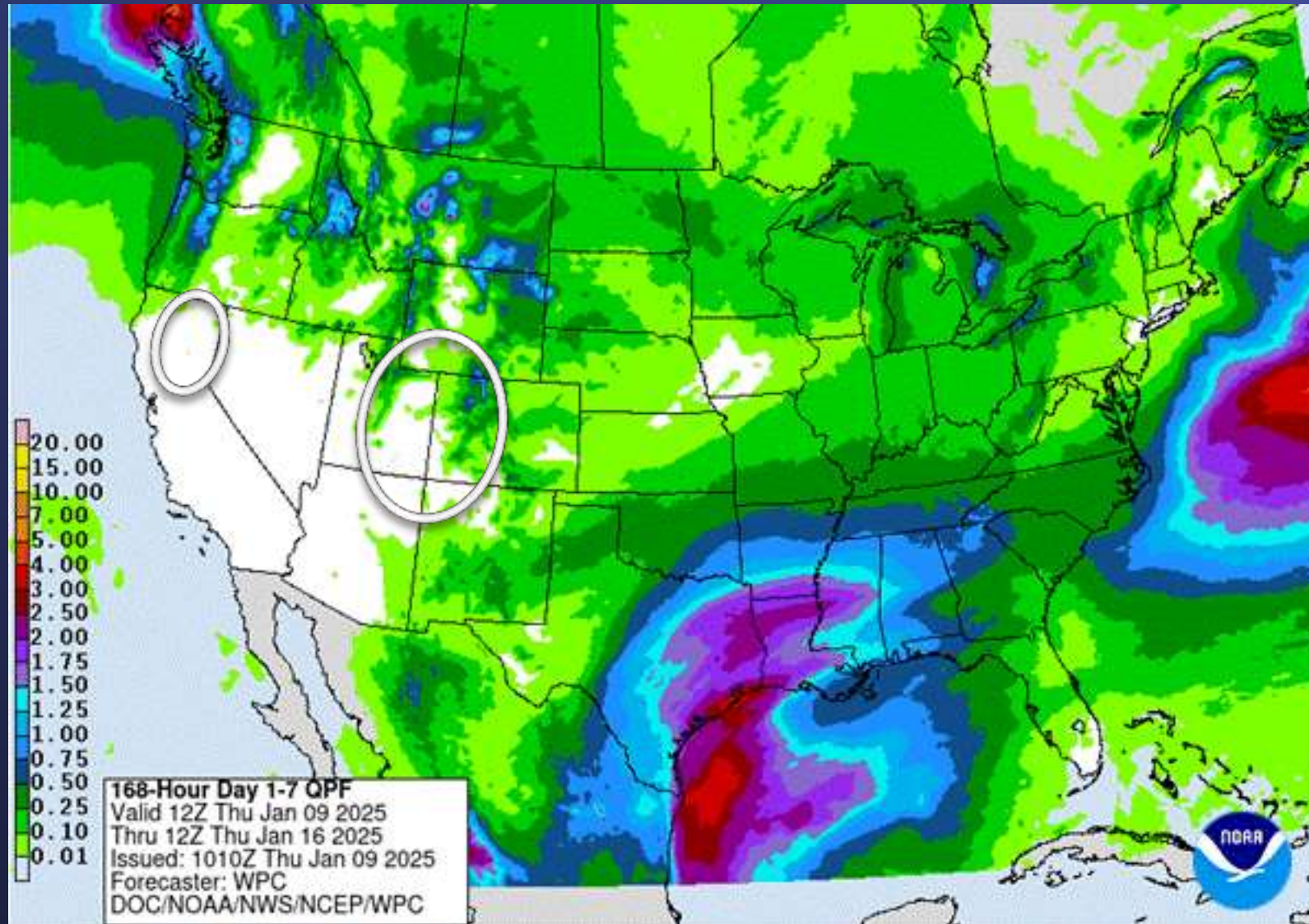
MEXICO

Upper Colorado River Basin Snowpack Continuing to Climb



Minimal Precipitation in the Forecast

January 09–15

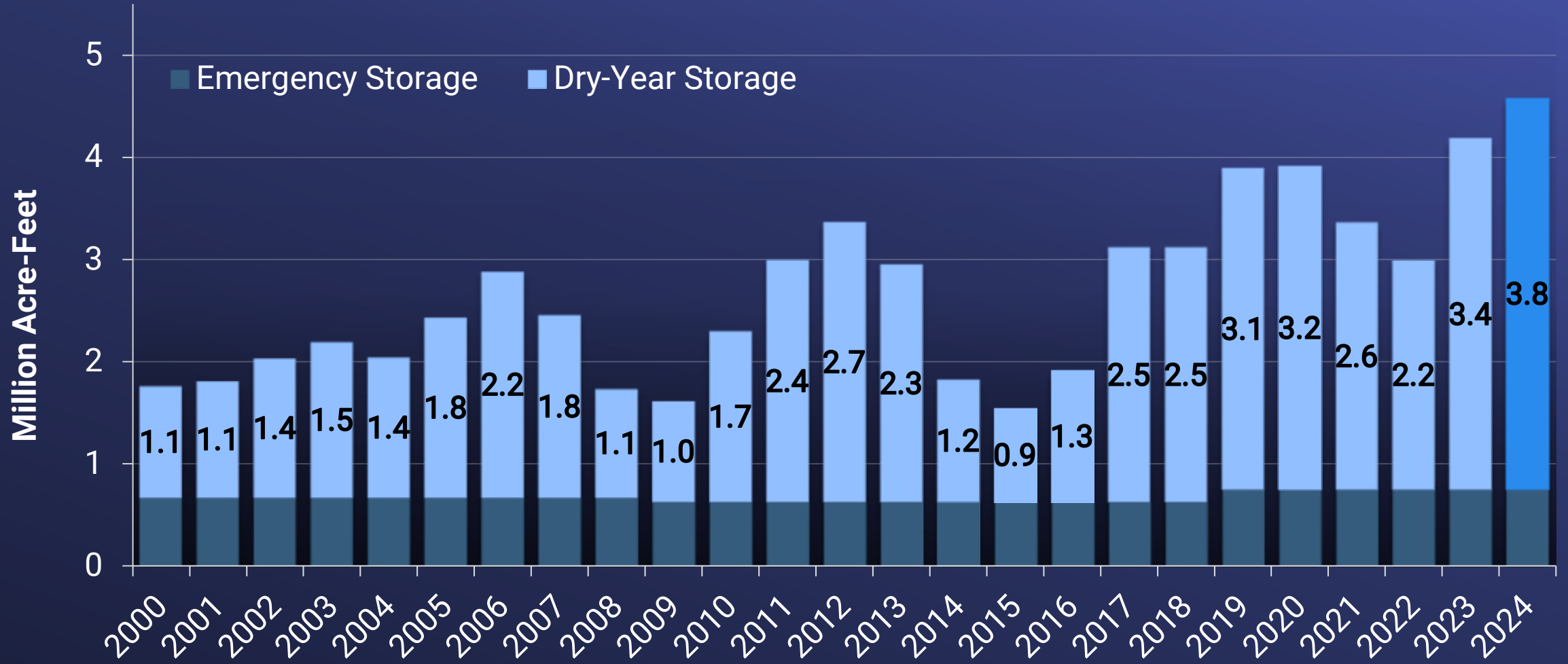




2025 Water Surplus & Drought Management

Metropolitan Ends CY 2024 with Record-High Storage

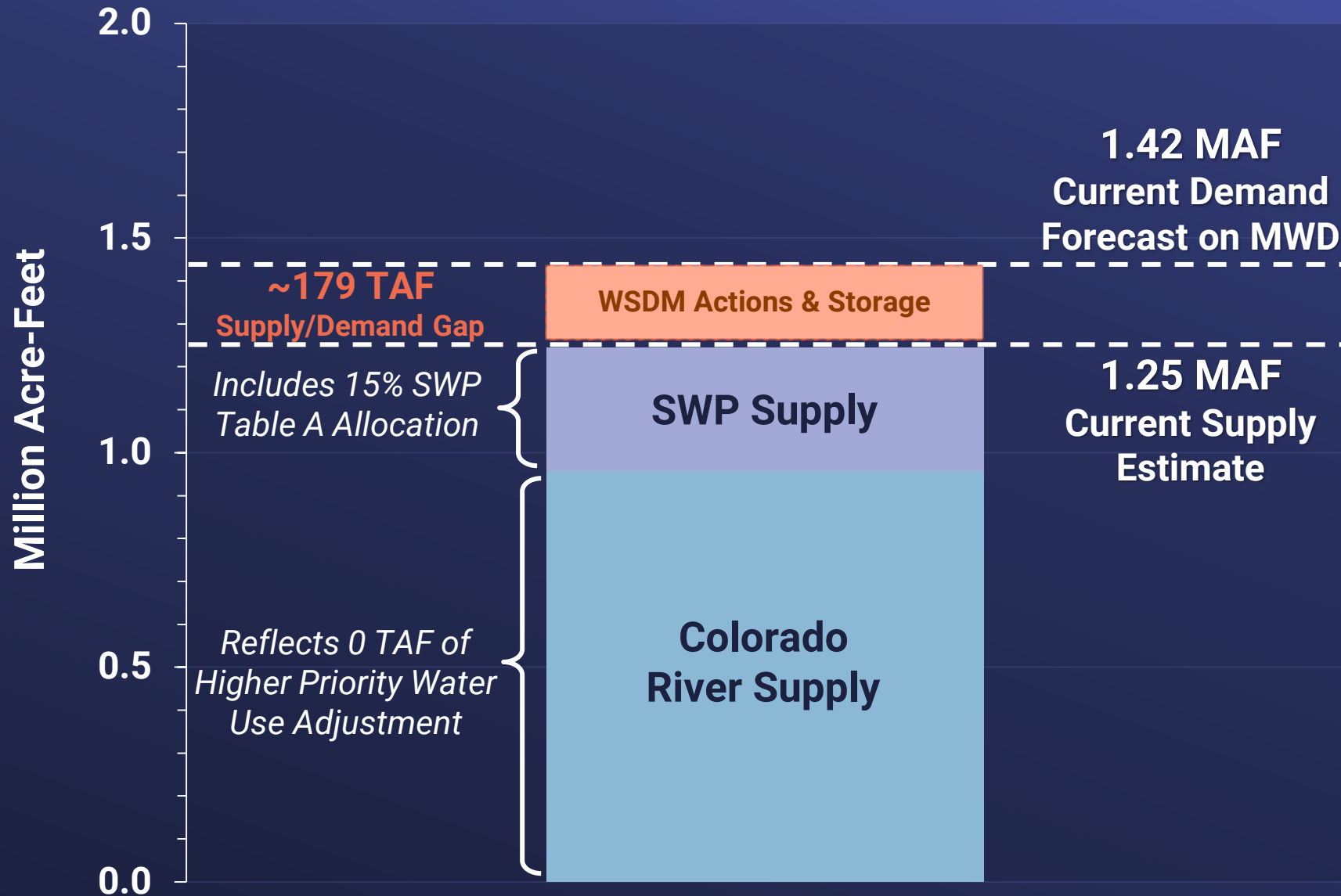
End-of-Year Balances



Note:

2024 end-of-year balance is preliminary as it is subject to USBR final accounting.

2025 Water Supply/Demand Balance: Regional View



Note: Data as of December 27, 2024.

