



One Water and Stewardship Committee

Update on WSDM

Item 6a
December 09, 2024

Item 6a Update on WSDM

Subject

Update on Oral Report on Water Surplus and Drought Management

Purpose

Provide updated supply and hydrologic information

Initial 2025
SWP
Table A
Allocation:
5%

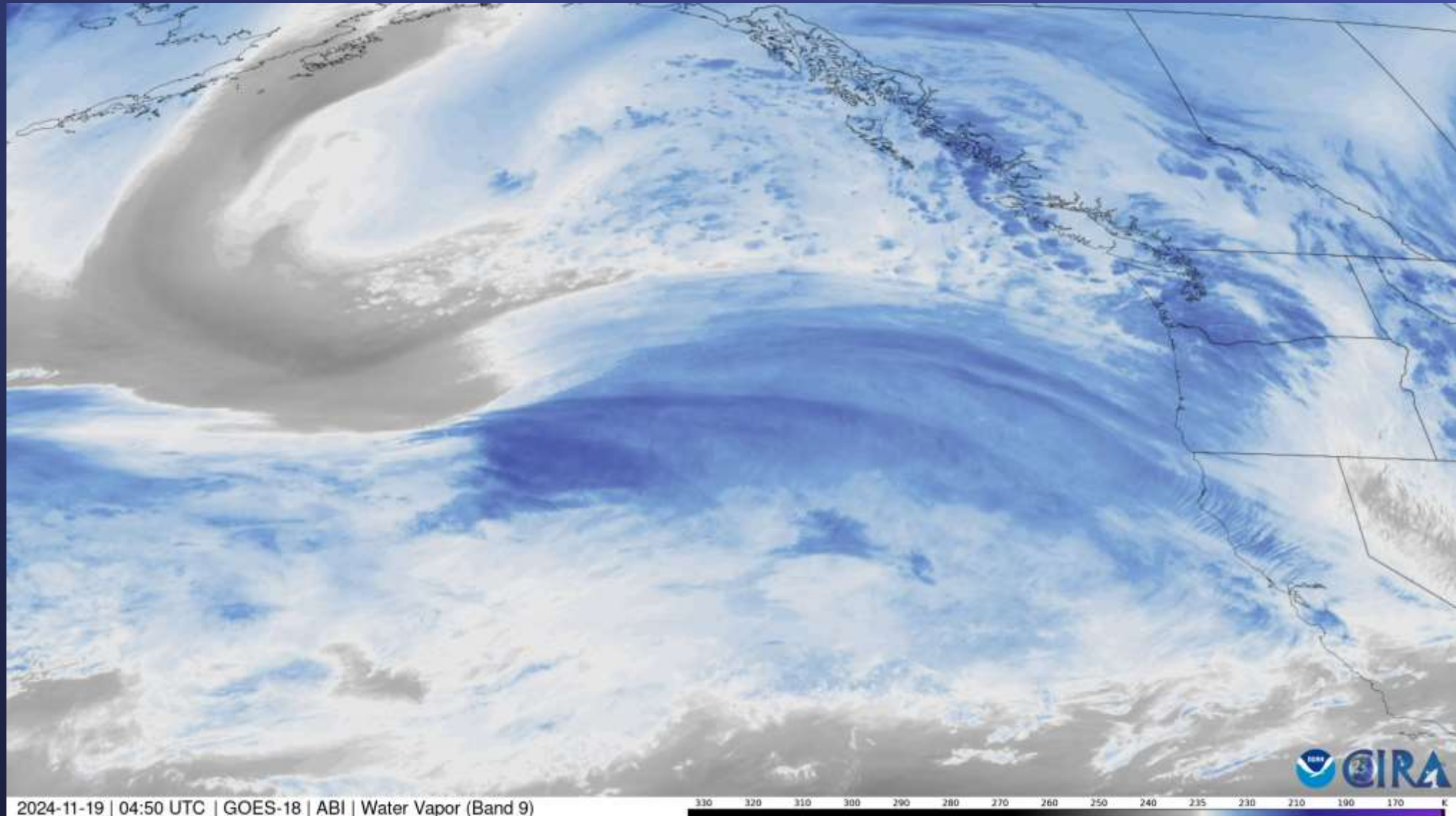
DWR Announces Initial State Water Project Allocation for 2025

Published: Dec 02, 2024

- Initial allocation includes a conservative estimate for precipitation going forward
- Current allocation study's dry and wet conditions reflect potential allocations of ~5% to 60%, respectively

Hydrologic Conditions Update


Late November Storm Arrives in Northern California



Hydrologic Conditions Summary

State Water Project

**Northern Sierra
Precipitation**




14.2 in.

146%

As of 12/05

% of Normal
for this Date

**Northern Sierra
Snowpack**




7.0 in.

206%

As of 12/05

% of Normal
for this Date

**Lake
Oroville**




1.92 MAF

56%

As of 12/04

% of Total
Capacity

**SWP Share of
San Luis Reservoir**



799 TAF


75%

As of 12/04

% of Total
Capacity

Colorado River

**Upper Colorado River
Basin Precipitation**




5.6 in.

103%

As of 12/05

% of Normal
for this Date

**Upper Colorado River
Basin Snowpack**




3.7 in.

107%

As of 12/05

% of Normal
for this Date

**Lake
Powell**




8.89 MAF

38%

As of 12/04

% of Total
Capacity

**Lake
Mead**



8.49 MAF

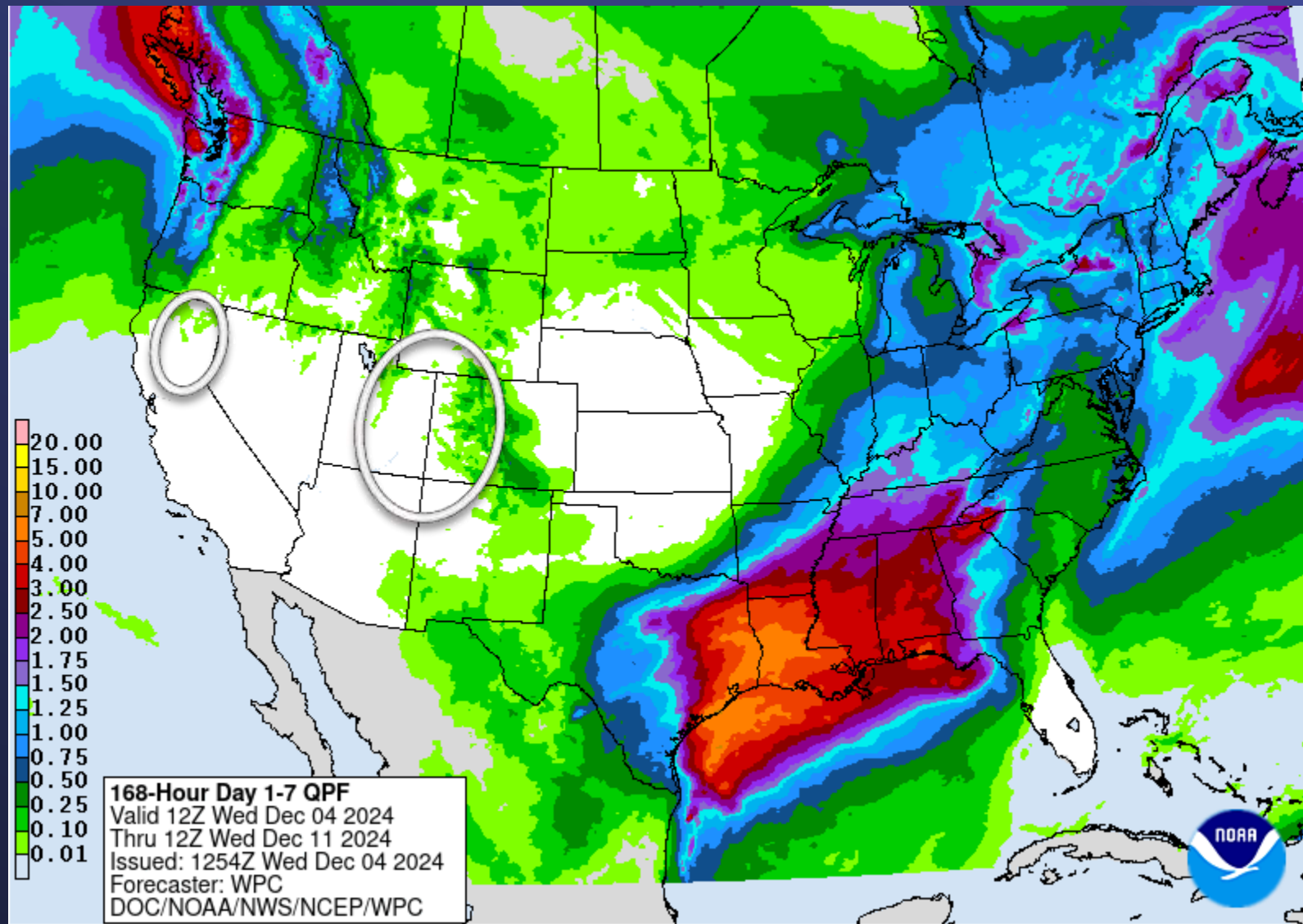
33%

As of 12/04

% of Total
Capacity

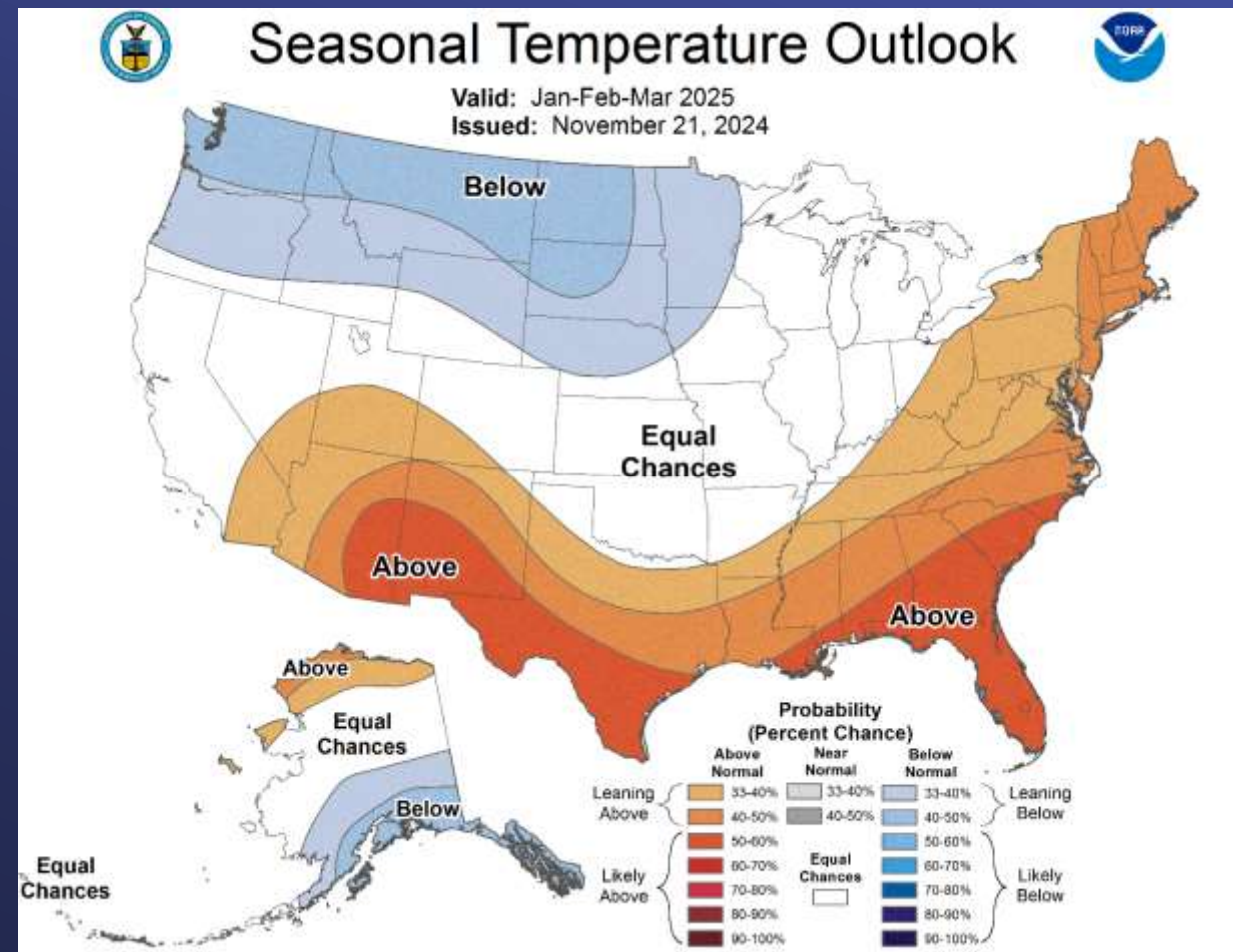
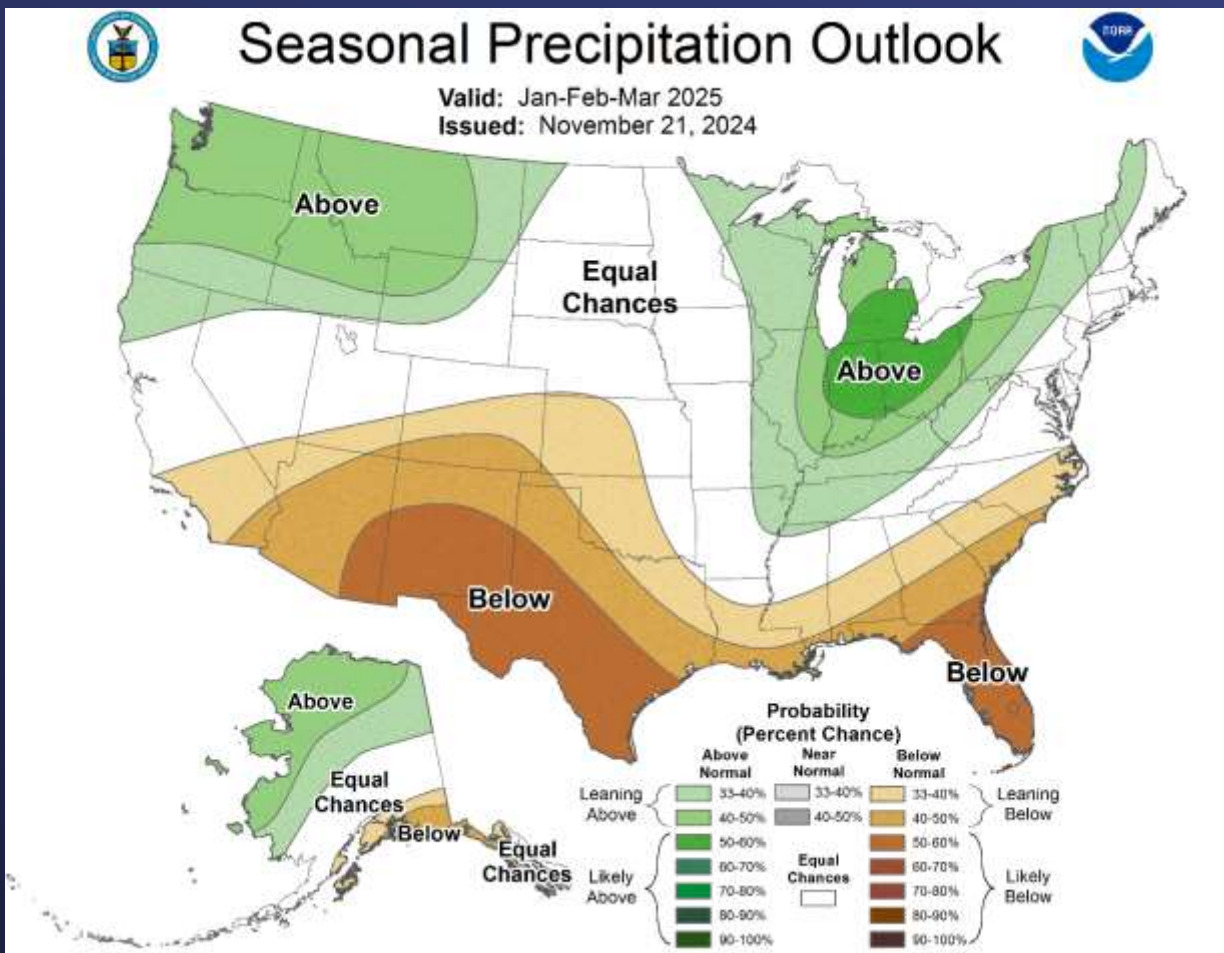
Minimal Precipitation in the Forecast

December 04– 11



Seasonal Outlook for January-March 2025

As of November 21, 2024



2024 Highlights



December 09, 2024

Credit: DWR

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Water Year 2024 Hydrologic Conditions



Northern Sierra

Cumulative
Precipitation



91%

% of
average

Peak
Snowpack



123%

% of April 1
average

Forecasted
Runoff



99%

% of
average

Upper Colorado River Basin

Cumulative
Precipitation



100%

% of
average

Peak
Snowpack



115%

% of April 1
average

Forecasted
Runoff



83%

% of
average

MEXICO

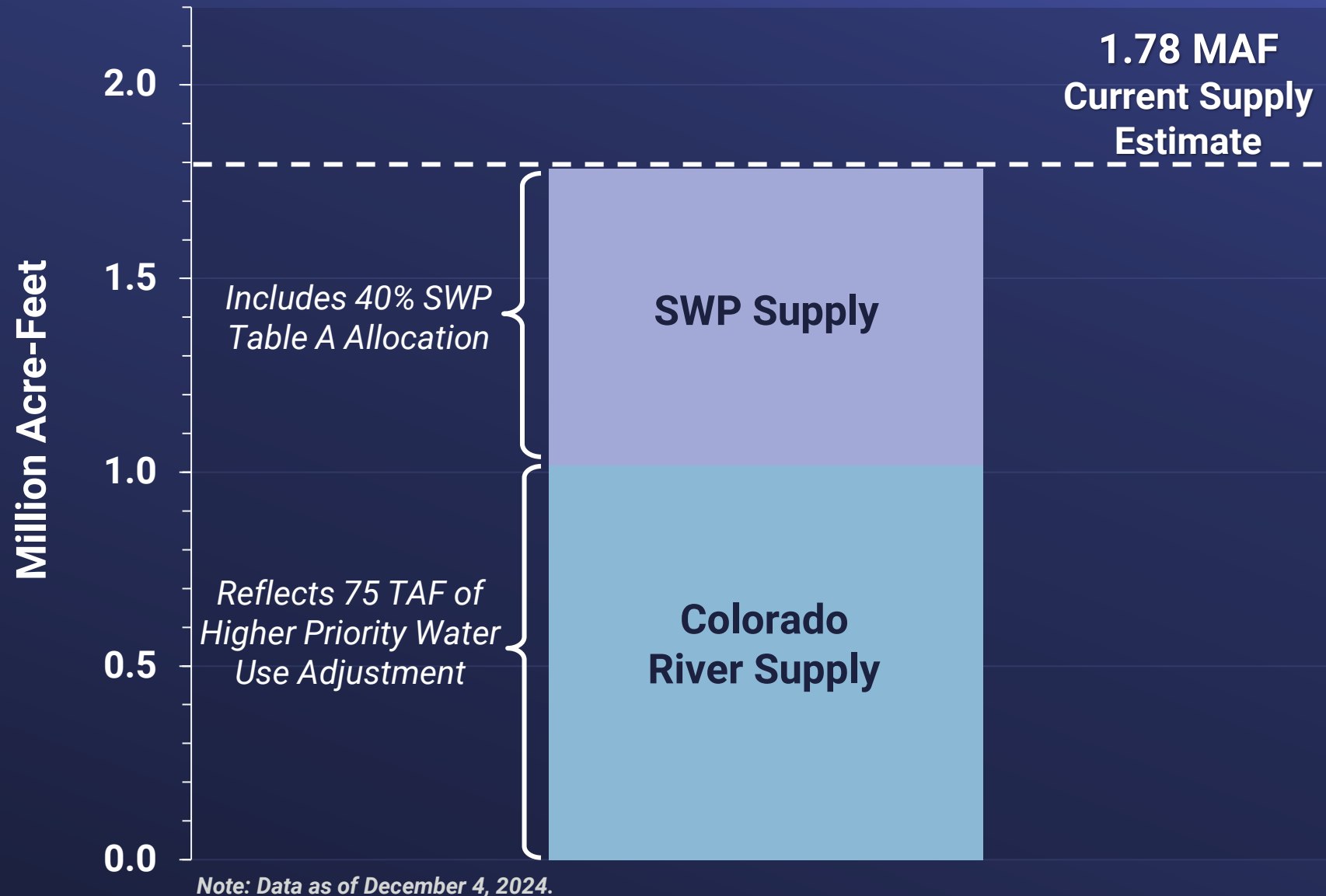
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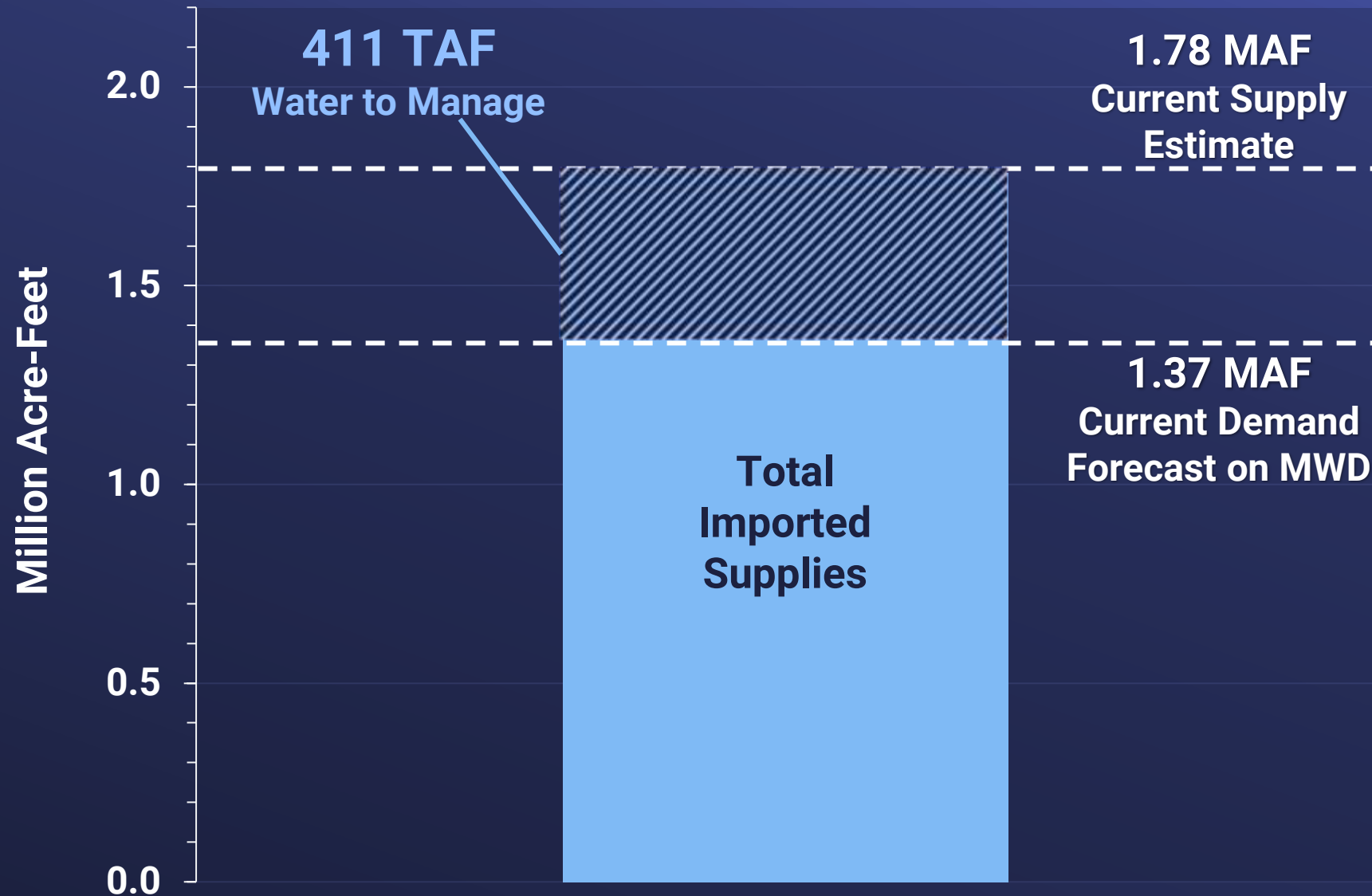
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Note: Images not drawn to scale.

2024 Water Supply/Demand Balance: **Regional View**

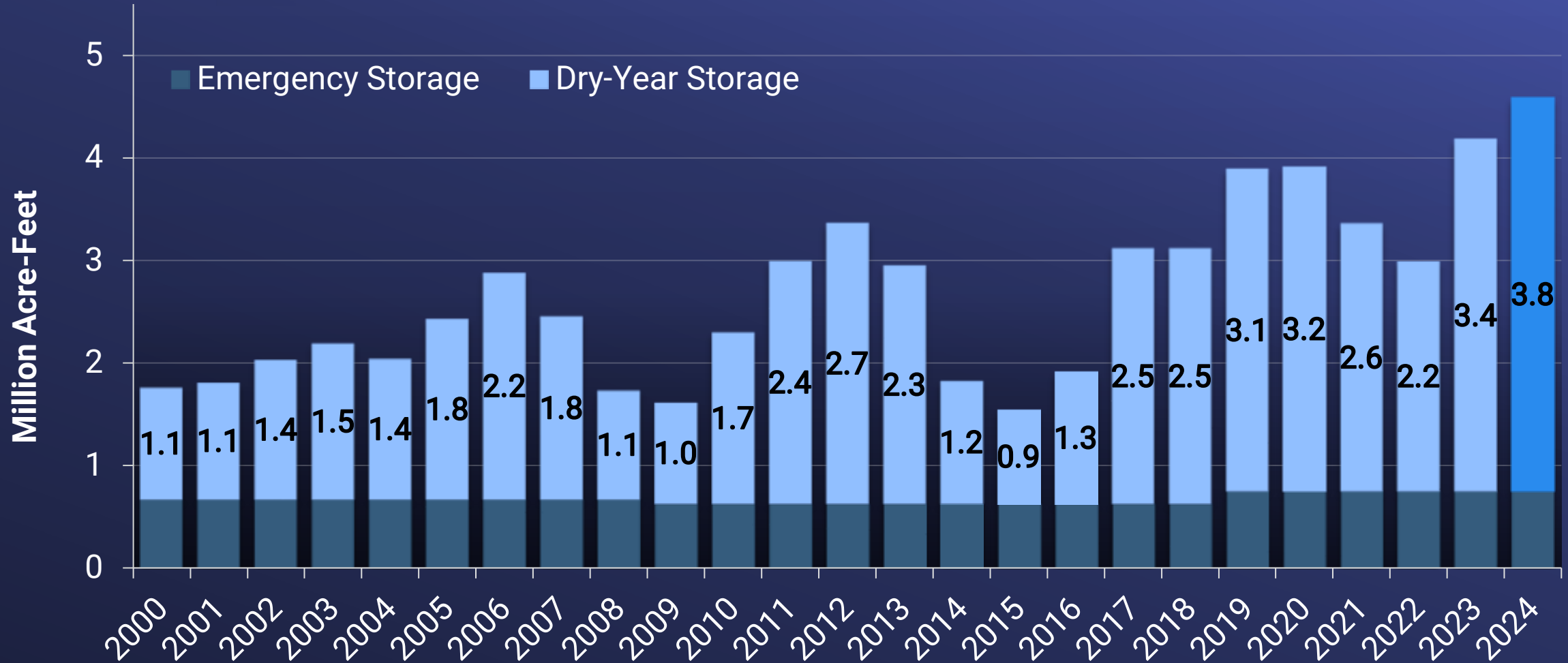


2024 Water Supply/Demand Balance: **Regional View**



Note: Data as of December 4, 2024.

Record-High Storage Projection for Metropolitan End-of-Year Balances

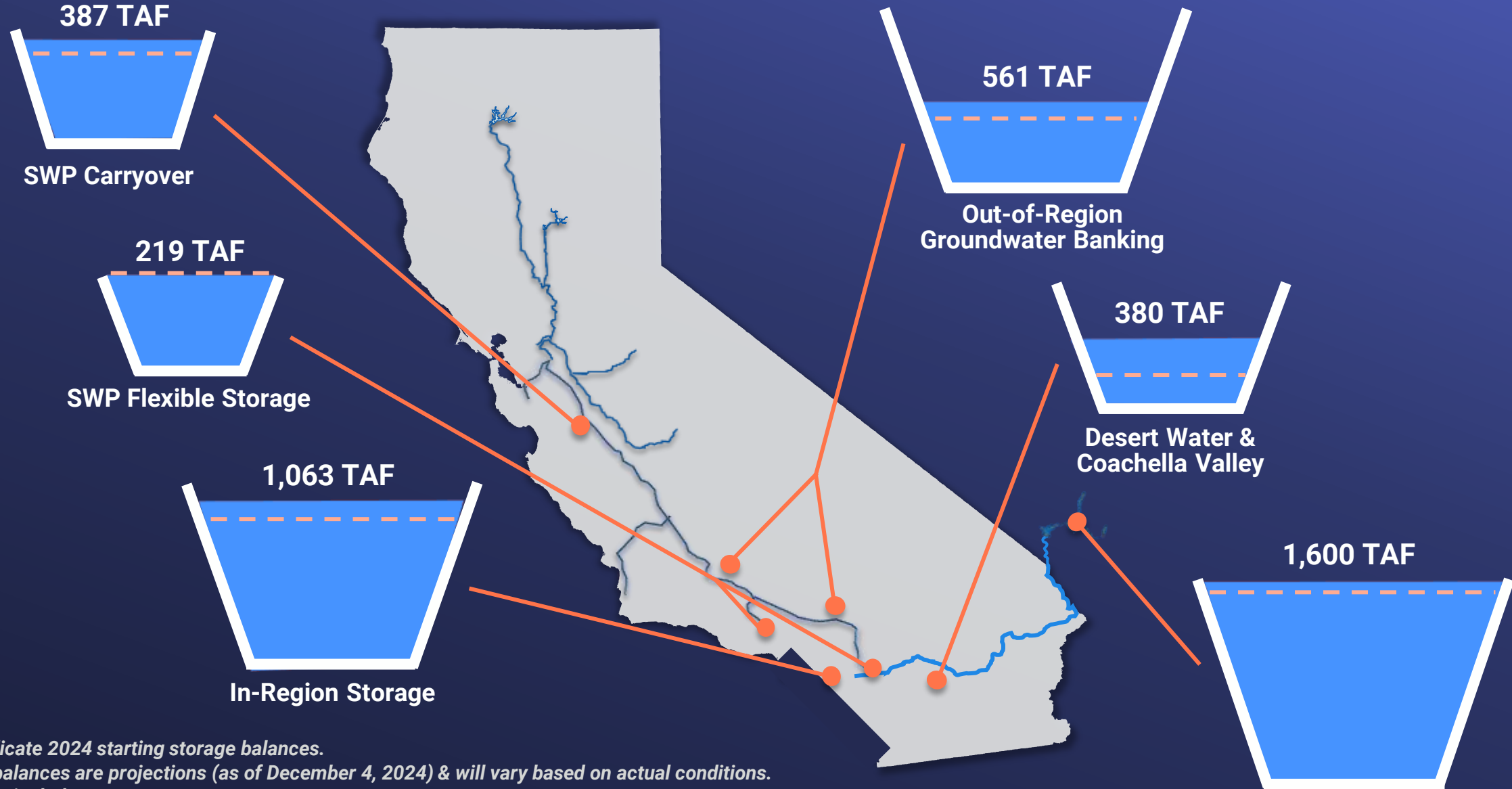


Note:

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



Metropolitan's 2024 Storage Actions



Notes:

- 1) Dashed lines indicate 2024 starting storage balances.
- 2) Ending storage balances are projections (as of December 4, 2024) & will vary based on actual conditions.
- 3) In-region storage includes emergency storage.
- 4) Storage buckets and map are not drawn to scale.

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Lake Mead ICS

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