

One Water and Stewardship Committee

Update on WSDM

Item 6c November 13, 2023

Subject

Update on WSDM

Item 6c Update on WSDM

Purpose

Provide updated supply and hydrologic information

Water Year 2023: Drought to Abundance

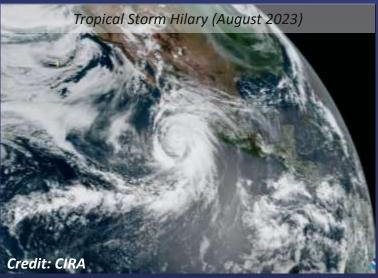












Word of the Water Year: Whiplash

2022 2023

California's three-year drought continues with no relief in sight

The Guardian, 2022

Californians urged to save water as state faces dismal snowpack in Sierra Nevada Los Angeles Times, 2022

> 'The brink of disaster': 2023 is a critical year for the Colorado River as reservoirs sink toward 'dead pool' CNN, 2022

California Braces for More Heavy Snow and Rain

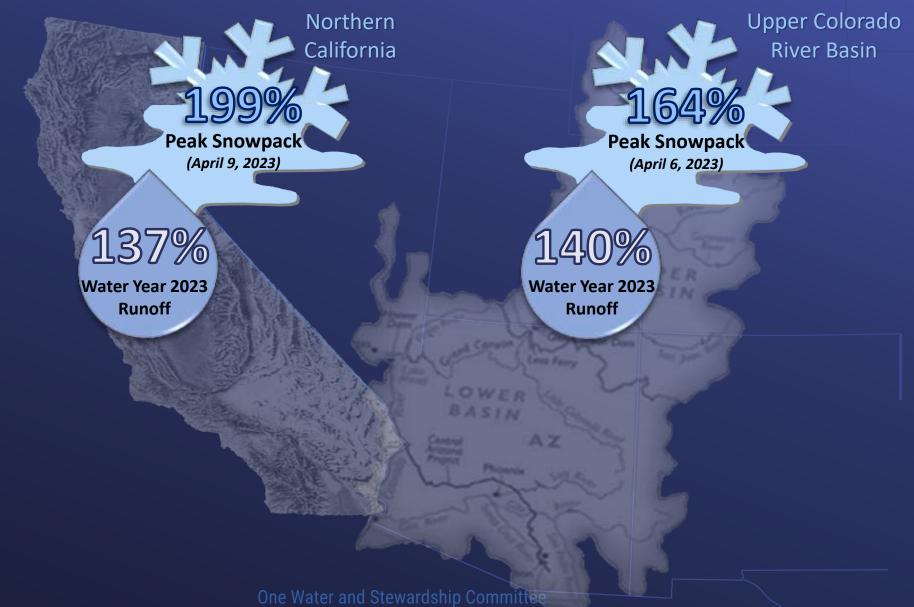
The New York Times, 2023

Epic California snowpack is now the deepest it's been in decades Los Angeles Times, 2023

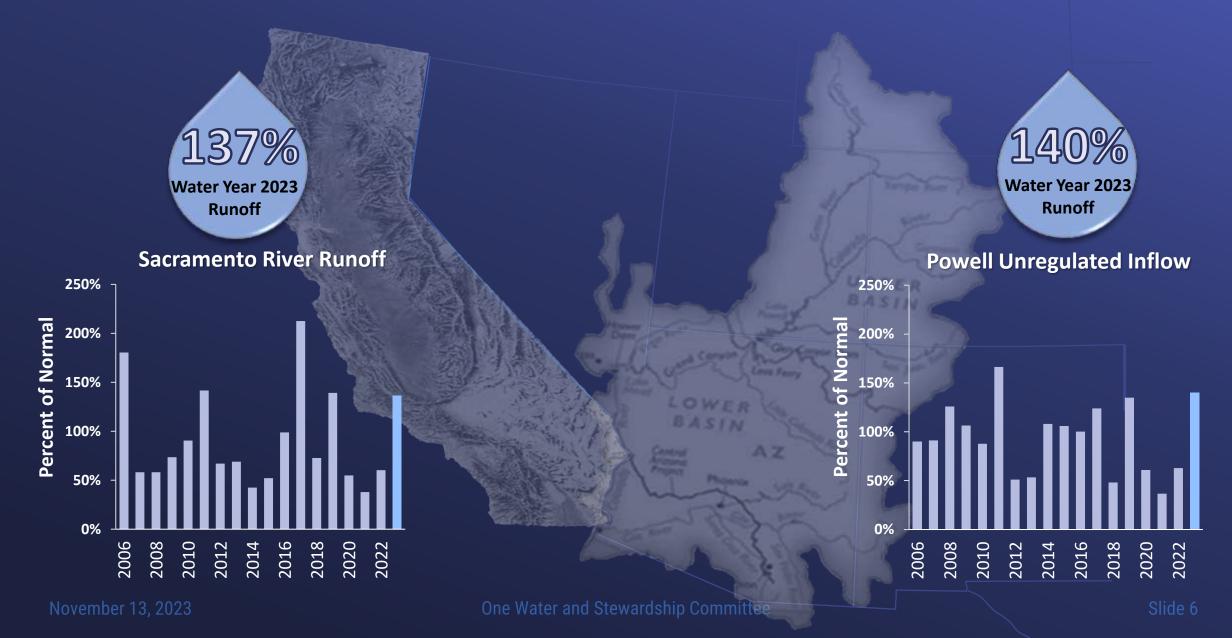
> Here's how much Lake Mead could rise after an epic winter and new water cuts

CNN, 2023

Water Year Hydrologic Conditions: Near-Record Breaking



Water Year Hydrologic Conditions: Near-Record Breaking





Water Year Highlights: State Water Project

Over 30
Atmospheric Rivers
Hit California

Near-Record Breaking Snowpack Allocation
Climbs to 100% as
Reservoirs Improve

Reversal in Drought Conditions

Over 30
Atmospheric Rivers
Hit California

Near-Record Breaking Snowpack Allocation
Climbs to 100% as
Reservoirs Improve

Reversal in Drought Conditions



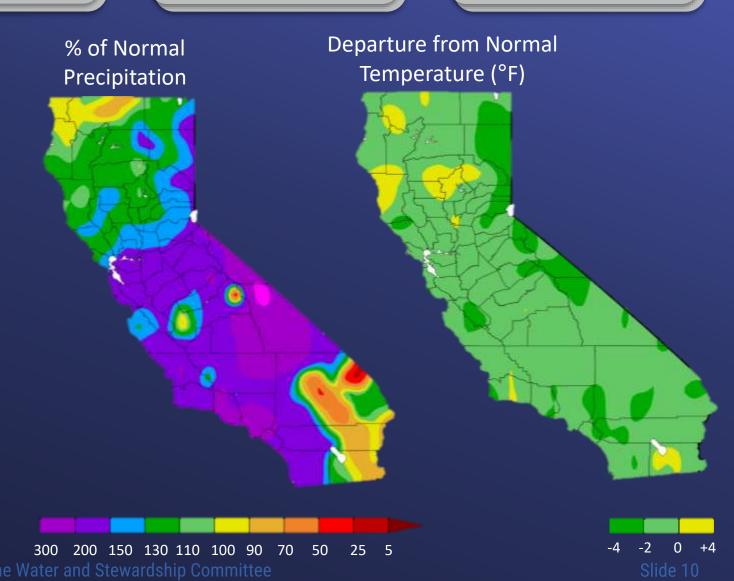
Near-Record Breaking Snowpack Over 30
Atmospheric Rivers
Hit California

Allocation Climbs to 100% as Reservoirs Improve

Reversal in Drought Conditions



Credit: NASA Earth Observatory



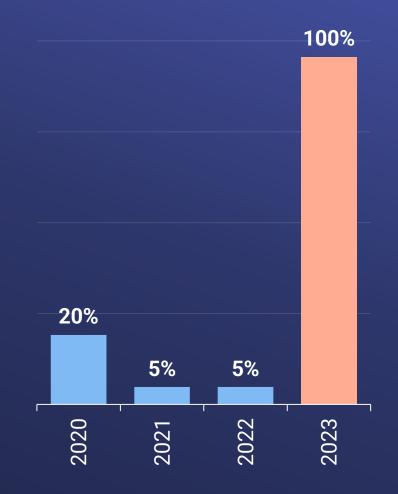
Allocation
Climbs to 100% as
Reservoirs Improve

Over 30
Atmospheric Rivers
Hit California

Near-Record Breaking Snowpack Reversal in Drought Conditions

State Water Project to Further Increase Water Supply Allocation to 100%

Published: Apr 20, 2023



Allocation Climbs to 100% as Reservoirs Improve Over 30
Atmospheric Rivers
Hit California

Near-Record Breaking Snowpack Reversal in Drought Conditions

Lake Oroville



December 2022 30% Full



March 2023 75% Full



June 2023 100% Full

Reversal in Drought **Conditions**

Over 30 **Atmospheric Rivers** Hit California

Near-Record **Breaking Snowpack**

Allocation Climbs to 100% as Reservoirs Improve



D4 Exceptional Drought

D0 Abnormally Dry

D1 Moderate Drought



Water Year Highlights: Colorado River

Conditions & Negotiations

Significant Gains in Lake Mead & Lake Powell

USBR Declares Level 1 Shortage for CY 2024

Conditions & Negotiations

Spring/Summer 2022

USBR calls for 2-4 MAF of annual reductions in response to historic low reservoir elevations

October 2022

California submits proposal to cut 400 TAF each year from 2023-2026

April 2023

USBR publishes original
Draft Supplemental
Environmental Impact
Statement (SEIS)

October 2023

USBR publishes Revised
Draft SEIS; designates
Lower Basin Proposal as the
"Proposed Action"



August 2022

\$4 billion for drought mitigation within Inflation Reduction Act

Winter 2023

Upper Colorado River Basin receives near-record snowpack

May 2023

Lower Basin Plan
proposes to conserve at
least 3 MAF from
2023-2026

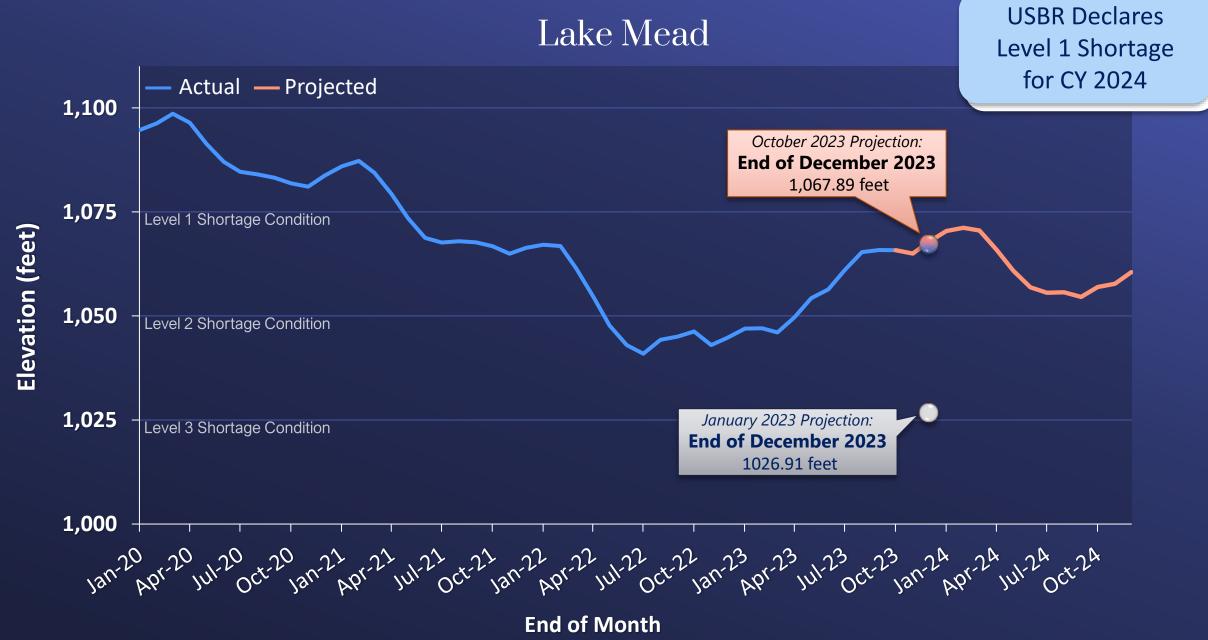


Significant Gains in Lake Mead & Lake Powell

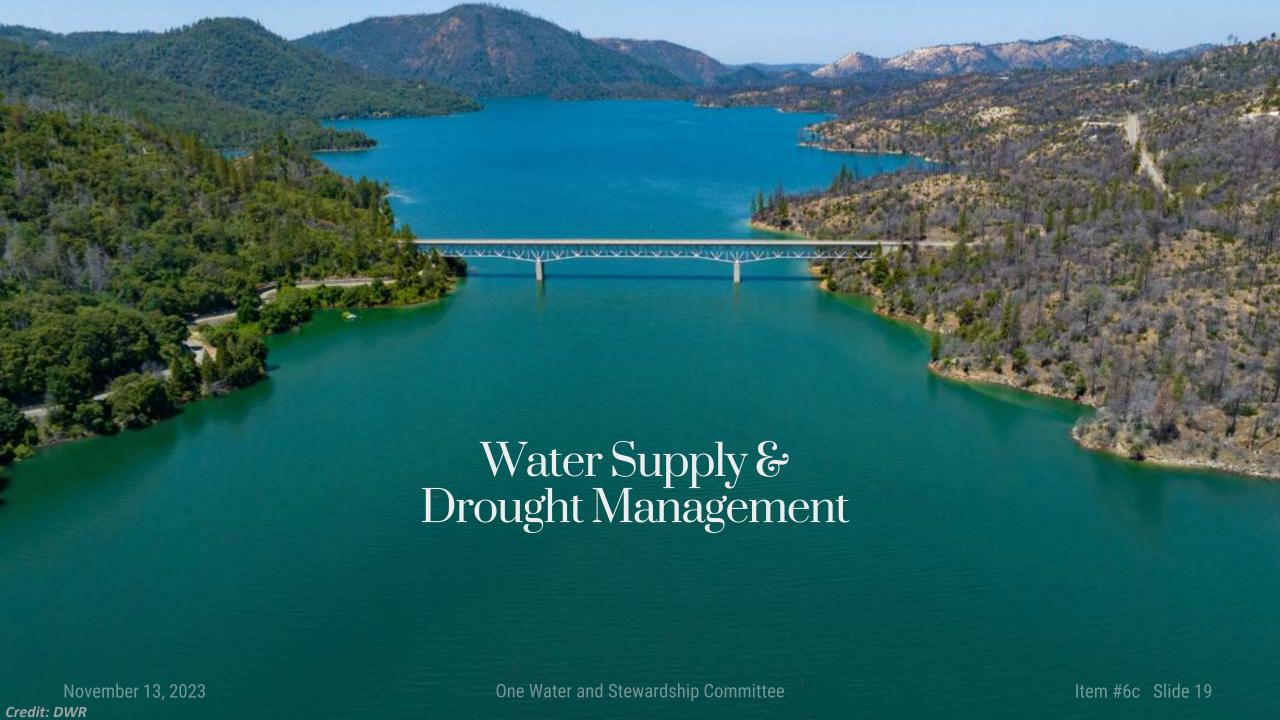


End of Month

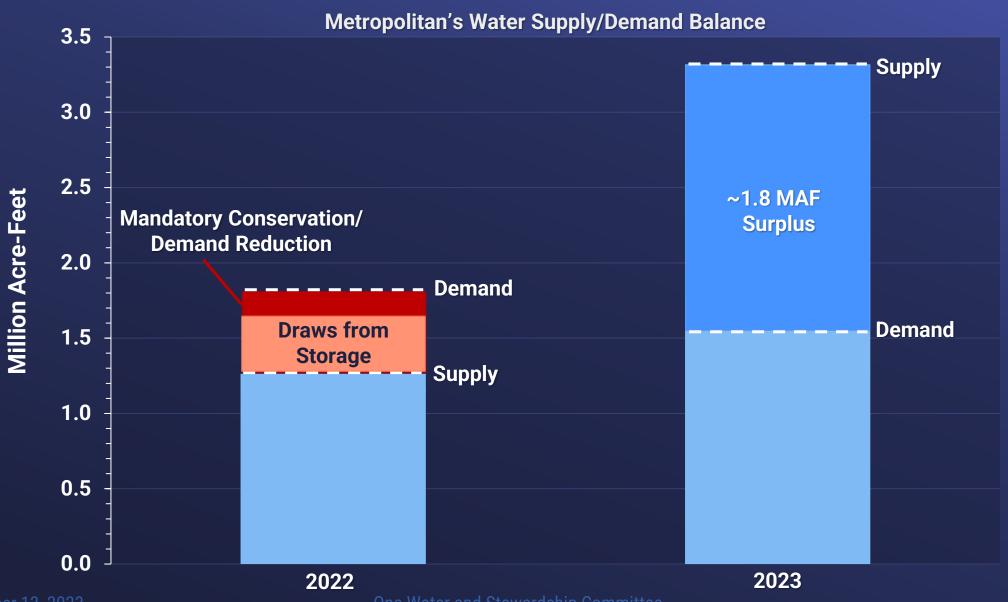
Source: USBR's October 2023 24-Month study



Source: USBR's October 2023 24-Month study



The Tale of Two Years: Drought & Abundance

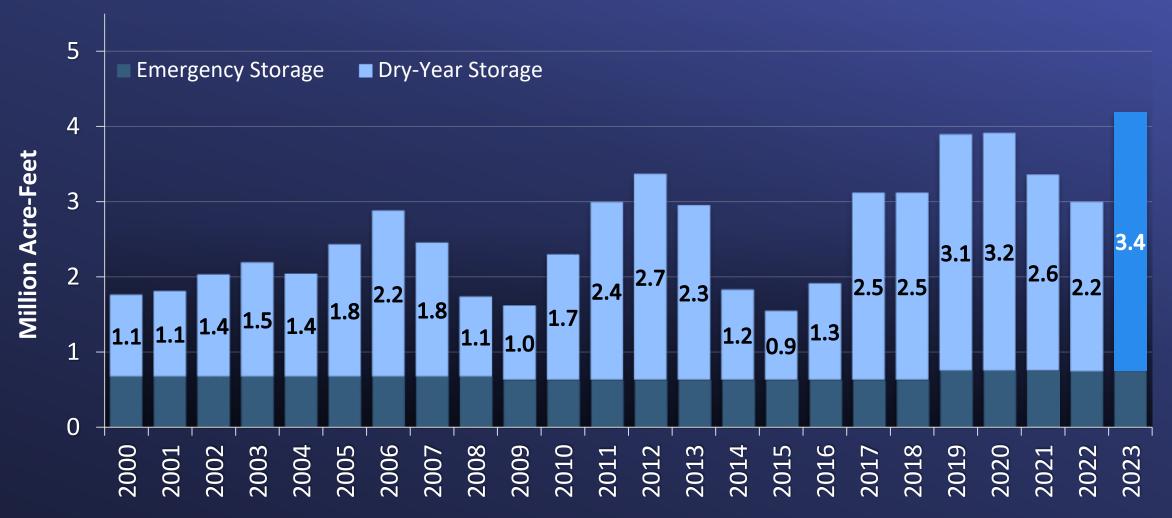


Note: Data as of November 1, 2023.

Metropolitan's 2023 Storage Actions: ~ 1.2 MAF Increase



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

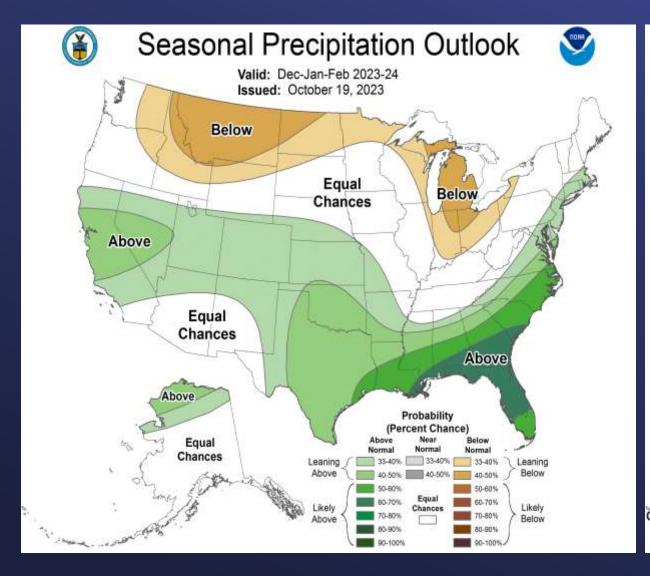


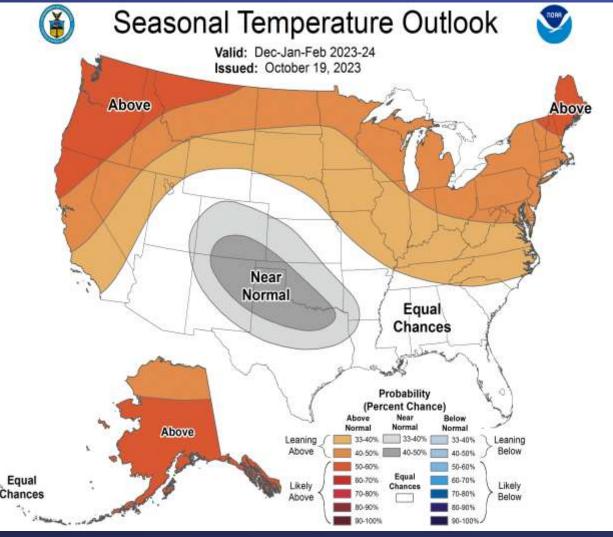
Note:

2023 end-of-year balance is preliminary as they are subject to DWR adjustments and USBR final accounting.



El Niño Conditions on the Horizon





Planning for 2024

- Initial 2024 SWP Table A Allocation will be announced on December 1st, 2023
 - Metropolitan submitted 2024 SWP Water Order in September 2023
- Projected end-of-year storage levels at San Luis Reservoir will impact initial 2024 SWP Table A Allocation
- December WSDM written report will include projected supply and demand gaps for 2024-2026

