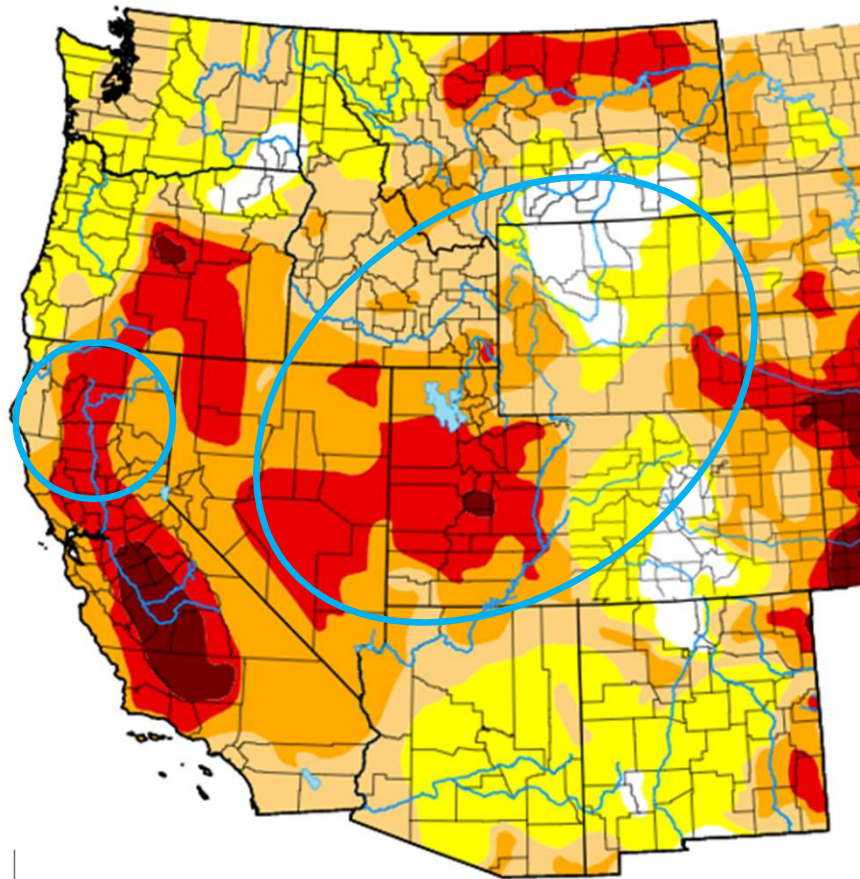




# Water Supply Outlook

**DWP-NC MOU Oversight Committee**  
December 3, 2022

# Current Climate Conditions – Still Dry

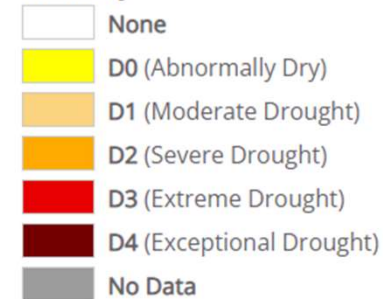


## U.S. Drought Monitor

Map released: Weds. November 23,  
2022

Data valid: November 22, 2022 at 7 a.m. EST

### Intensity



[droughtmonitor.unl.edu](http://droughtmonitor.unl.edu)

# Low Reservoir Levels



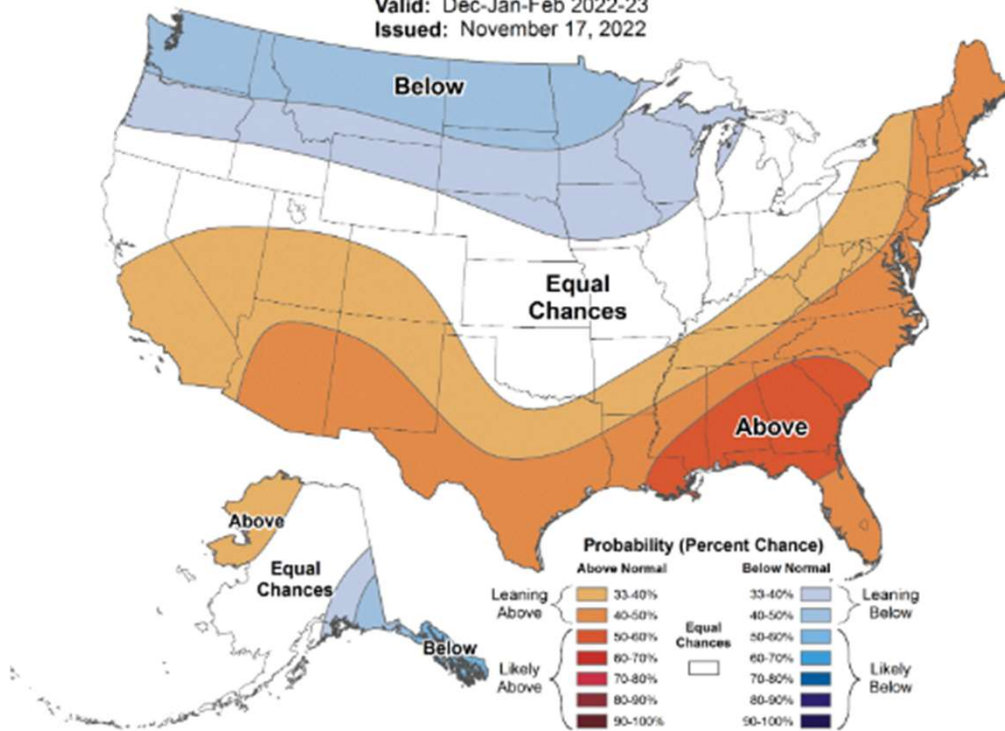


# Three-Month Outlook – Continues to be Dry



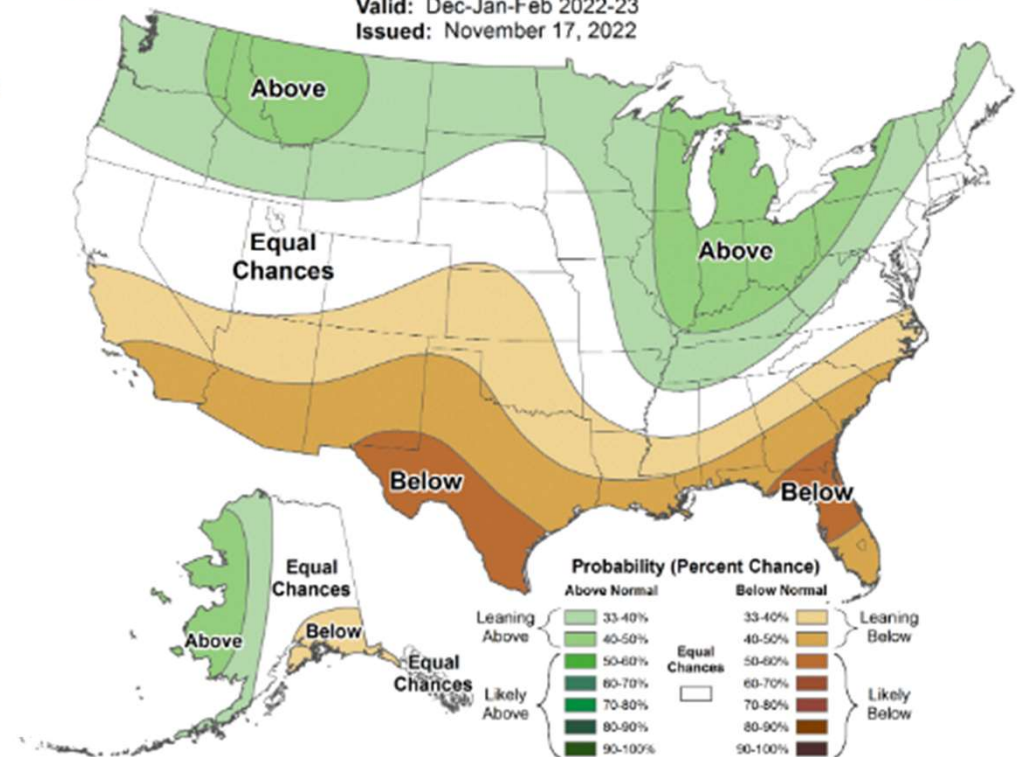
## Seasonal Temperature Outlook

Valid: Dec-Jan-Feb 2022-23  
Issued: November 17, 2022

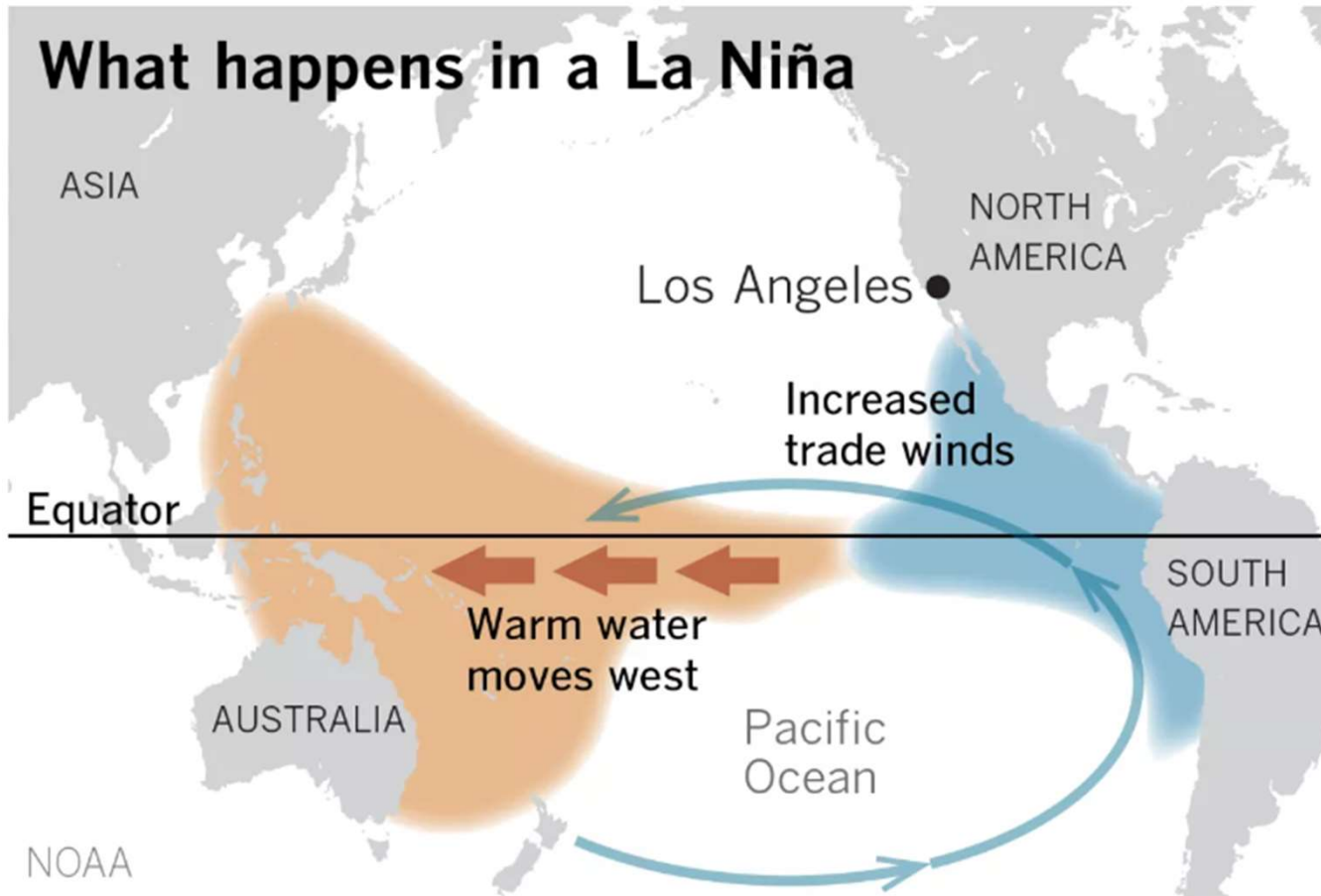


## Seasonal Precipitation Outlook

Valid: Dec-Jan-Feb 2022-23  
Issued: November 17, 2022

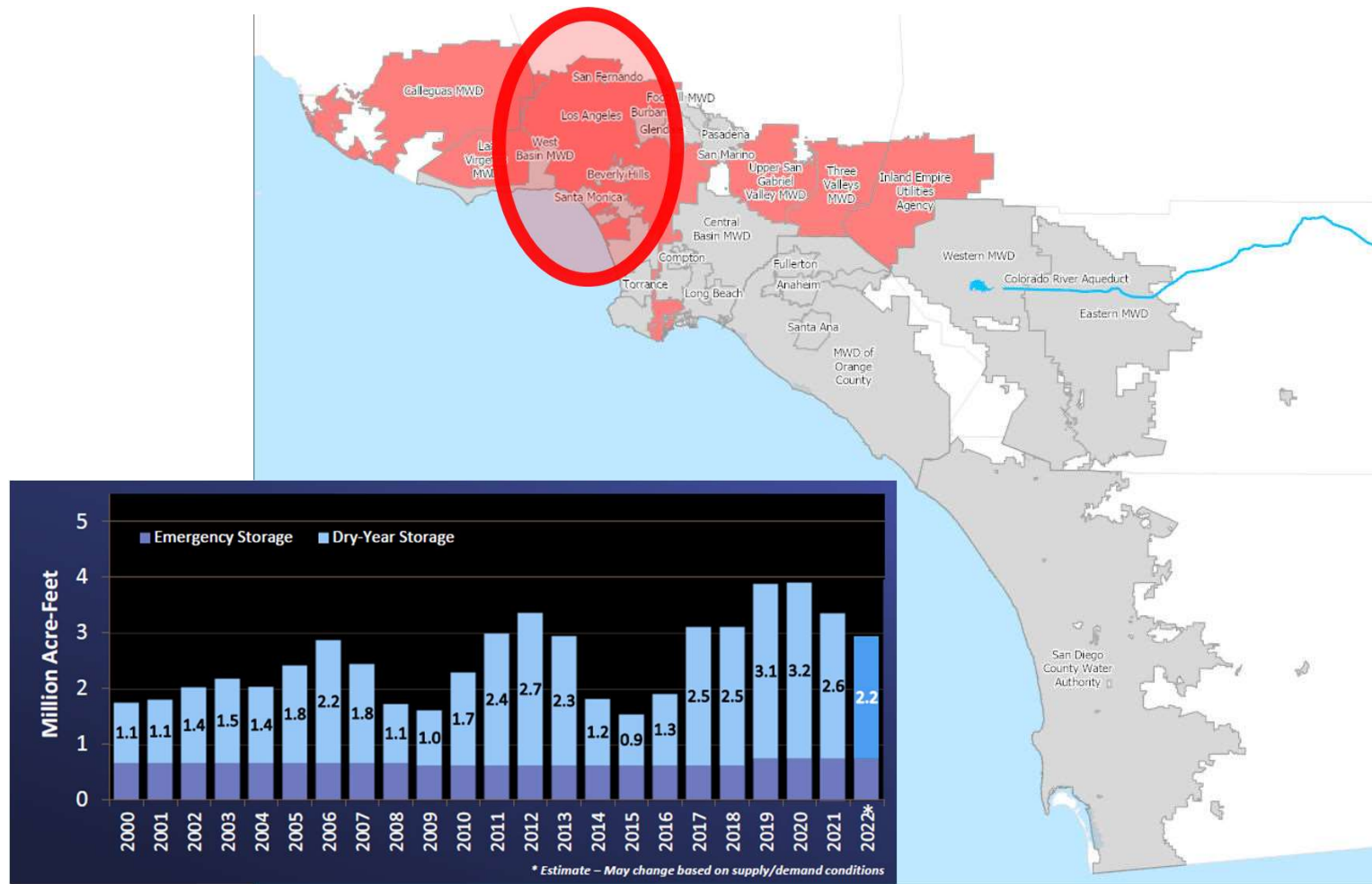


# La Nina Year



In La Niña, stronger trade winds push warm surface water into the western Pacific. (Paul Duginski / Los Angeles Times)

# MWD's State Water Project Dependent Areas



# MWD Emergency Water Conservation Program

## Health & Safety

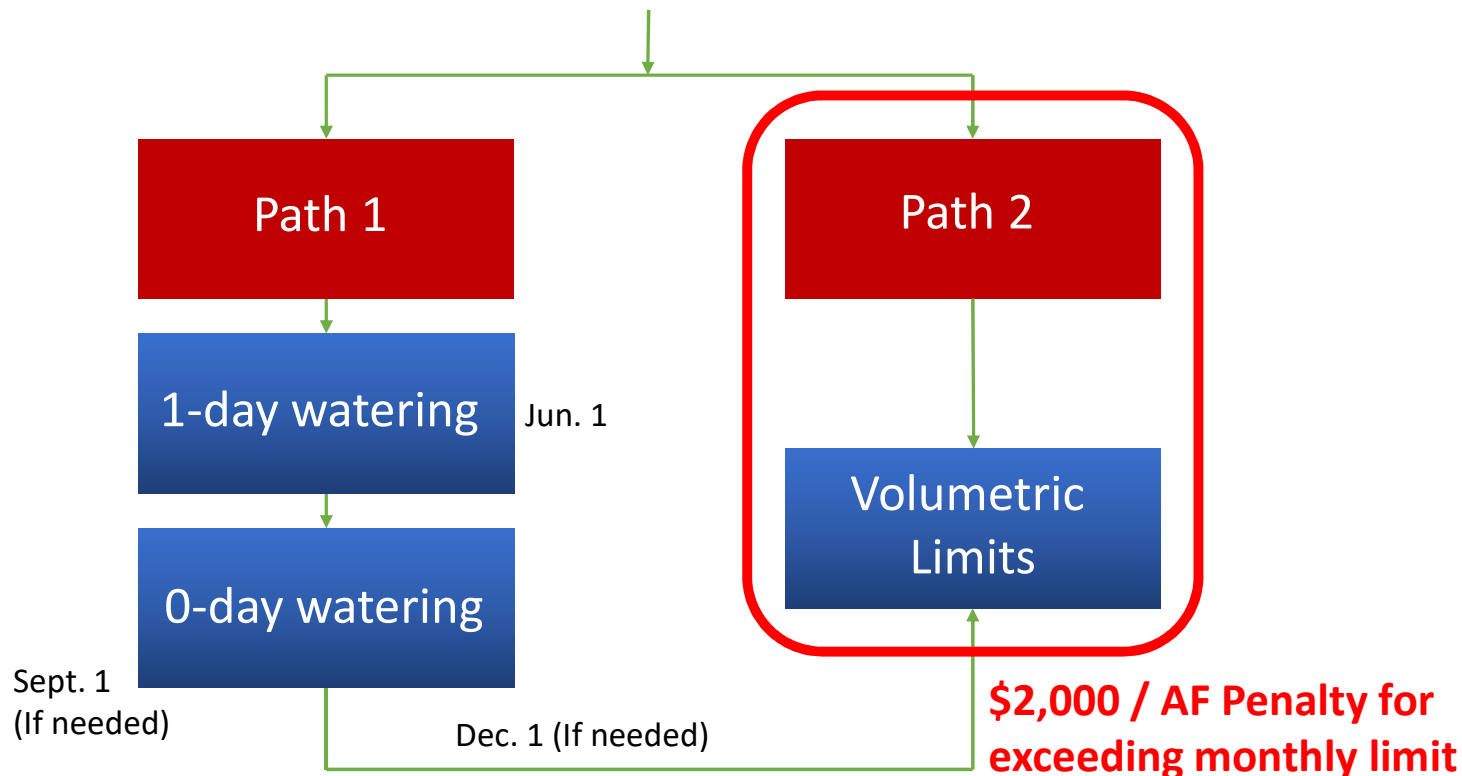
### Drinking Water



### Sanitation



### Fires



# MWD Emergency Water Conservation Program

- Agency Path Compliance

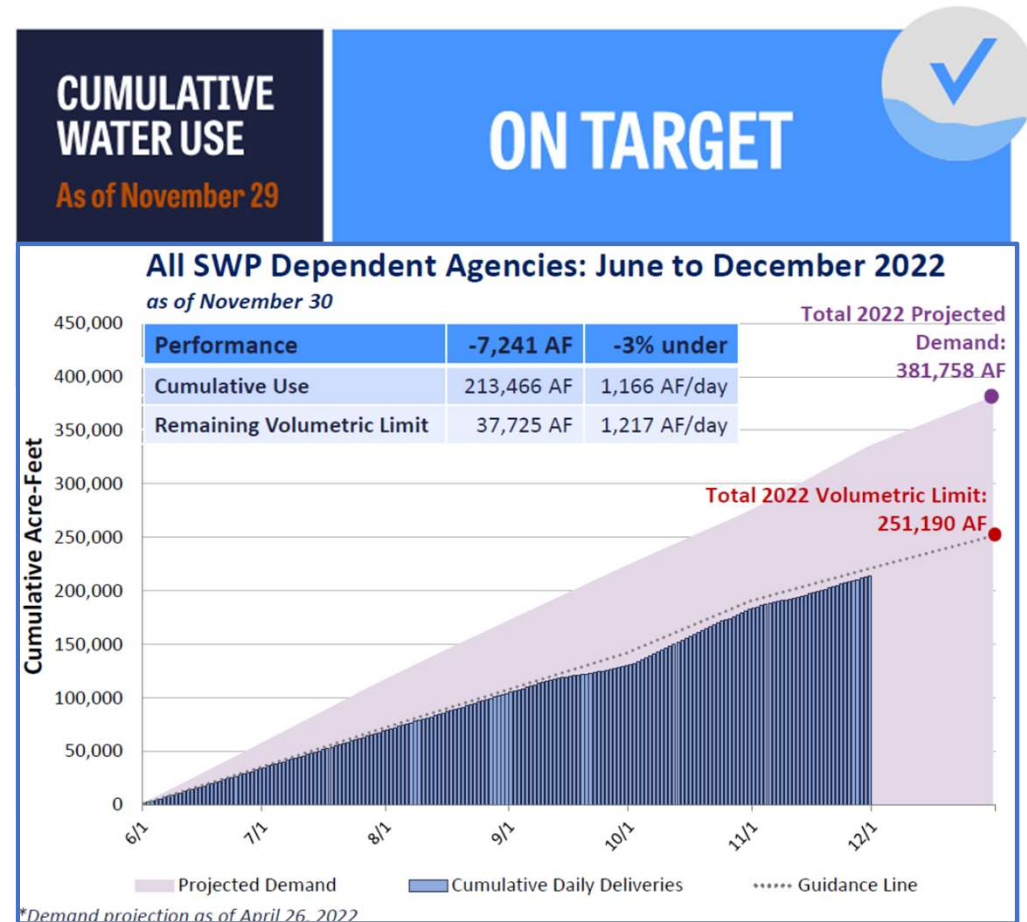
PATH 1	PATH 2
Las Virgenes MWD Three Valleys MWD Calleguas MWD*	City of Los Angeles Inland Empire Utilities Agency Upper San Gabriel Valley MWD

\*5 of 19 Calleguas water purveyors are Path 2

- LADWP declared WSCP Shortage Level 3

- Conservation Ordinance Phase 3 (2 day/week outdoor irrigation restriction)
- Operational Changes
- Supply Augmentation

- LADWP on target with SWP allocation due to customer response





# City of Los Angeles Emergency Water Conservation Ordinance

## PHASE 1 (PERMANENT):

- No water should flow off your property;
- No water should leak from any pipe or fixture;
- No irrigation is allowed within 48 hours after a measurable rain event;
- No hosing of driveways, sidewalks, or other surface unless for immediate safety or sanitary reasons;
- No washing of vehicles using a hose without a self-closing nozzle
- All outdoor watering is prohibited from 9:00 a.m. to 4:00 p.m.

## PHASE 3:

- *Limiting outdoor watering to 2-days a week and 8 minutes per station per watering day.*
- *Recommend use of pool covers to decrease water loss from evaporation.*
- *Recommend washing of vehicles at commercial car wash facilities.*



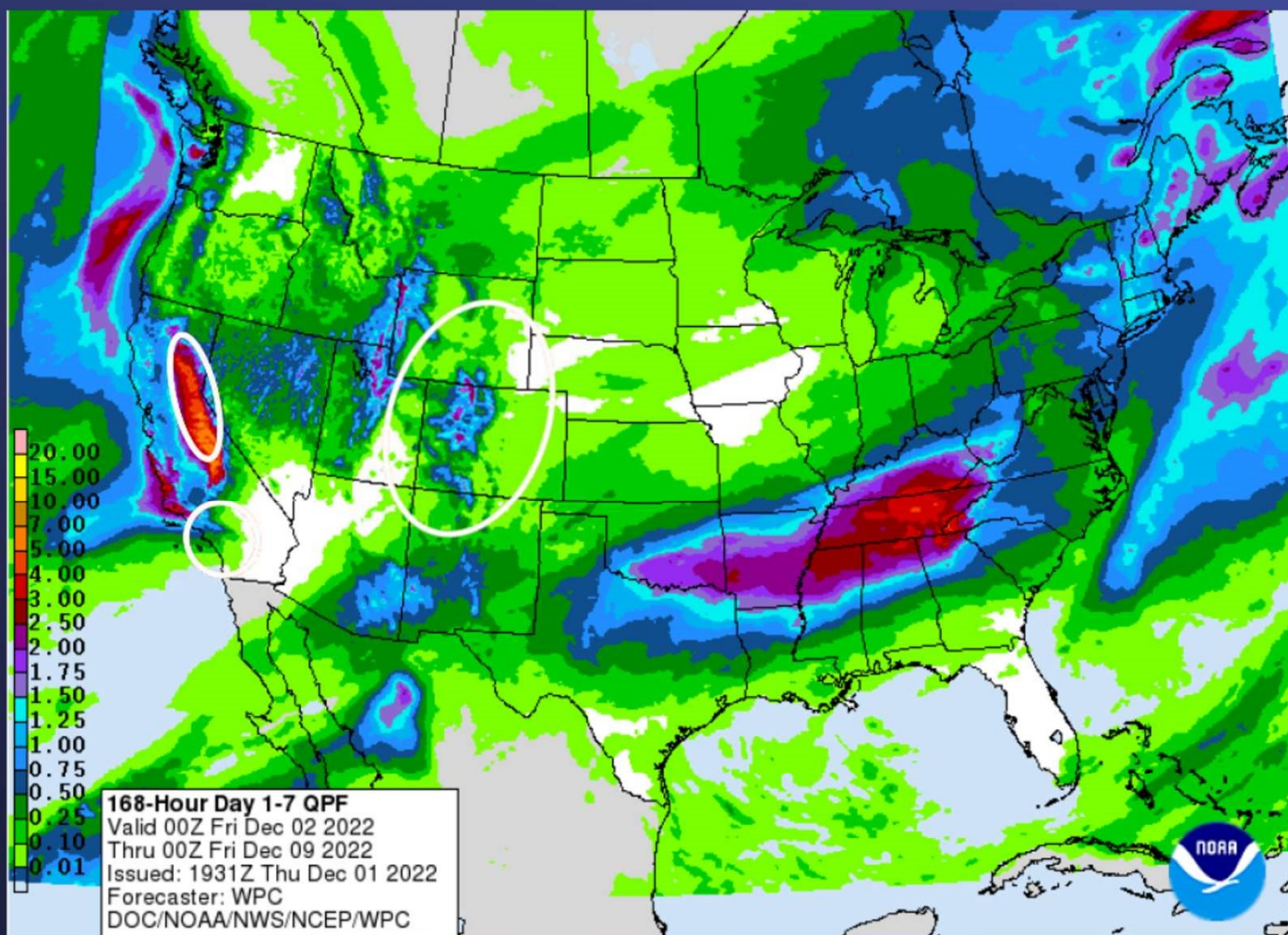
Know Your Watering Days

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
ODD Addresses							
EVEN Addresses							

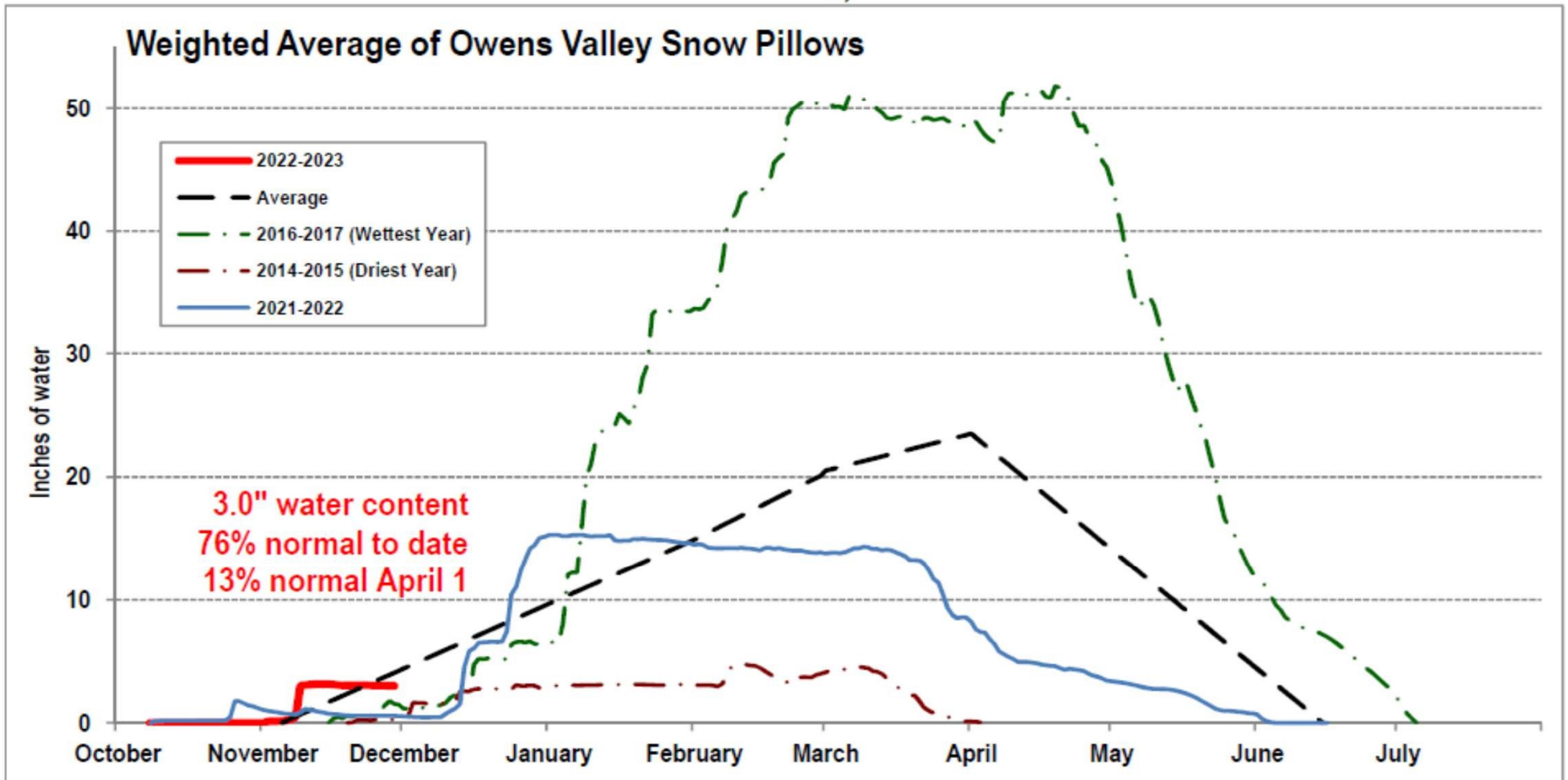


## 7-Day Precipitation Outlook

Two major  
storm systems  
moving through  
the West



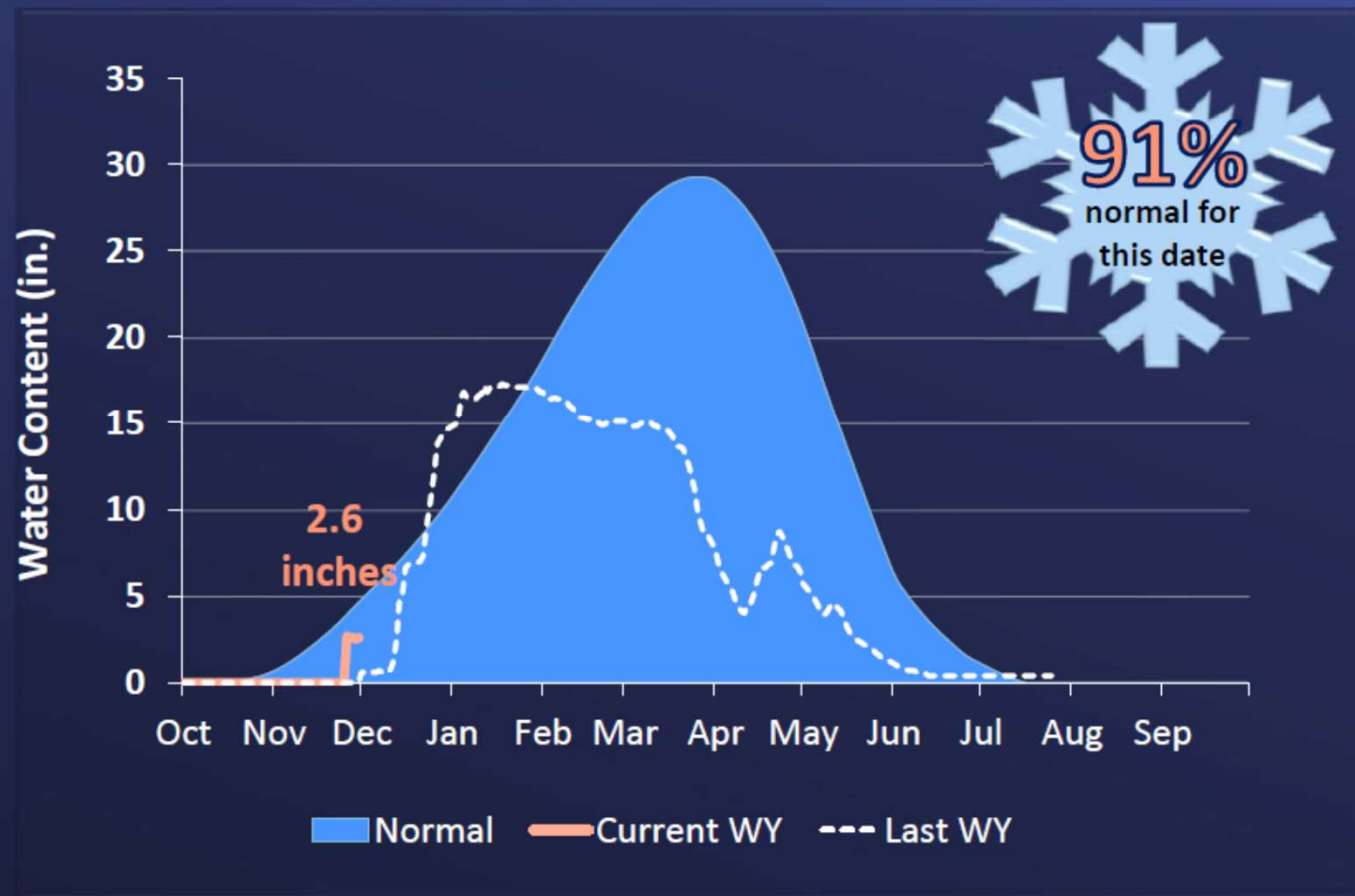
**EASTERN SIERRA  
CURRENT PRECIPITATION CONDITIONS  
November 29, 2022**





# Northern Sierra snowpack near normal

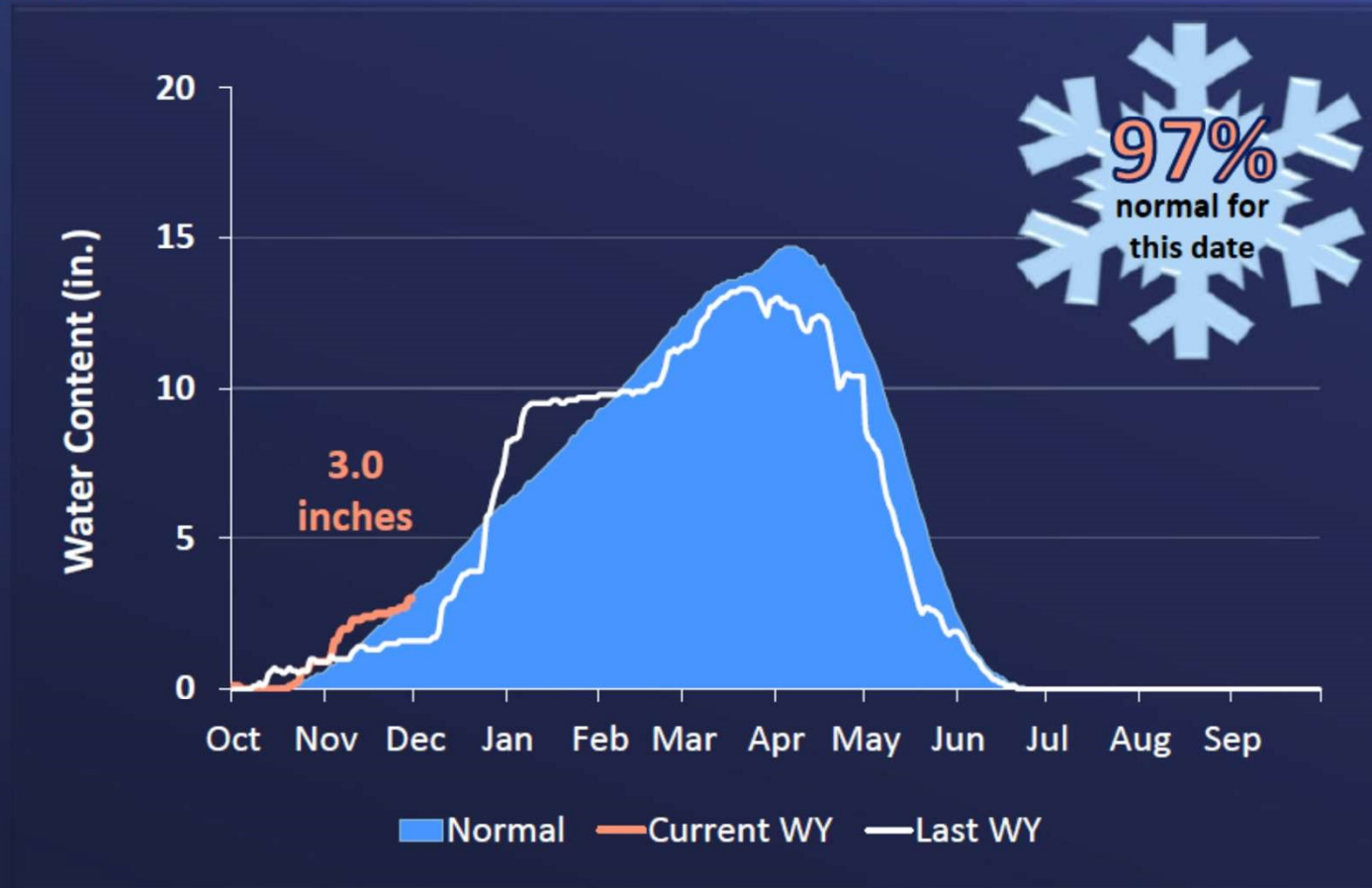
As of 11/30/2022





# Upper Colorado River Basin snowpack near normal

As of 11/30/2022



# Planning for 2023

## Supply Outlook and Considerations

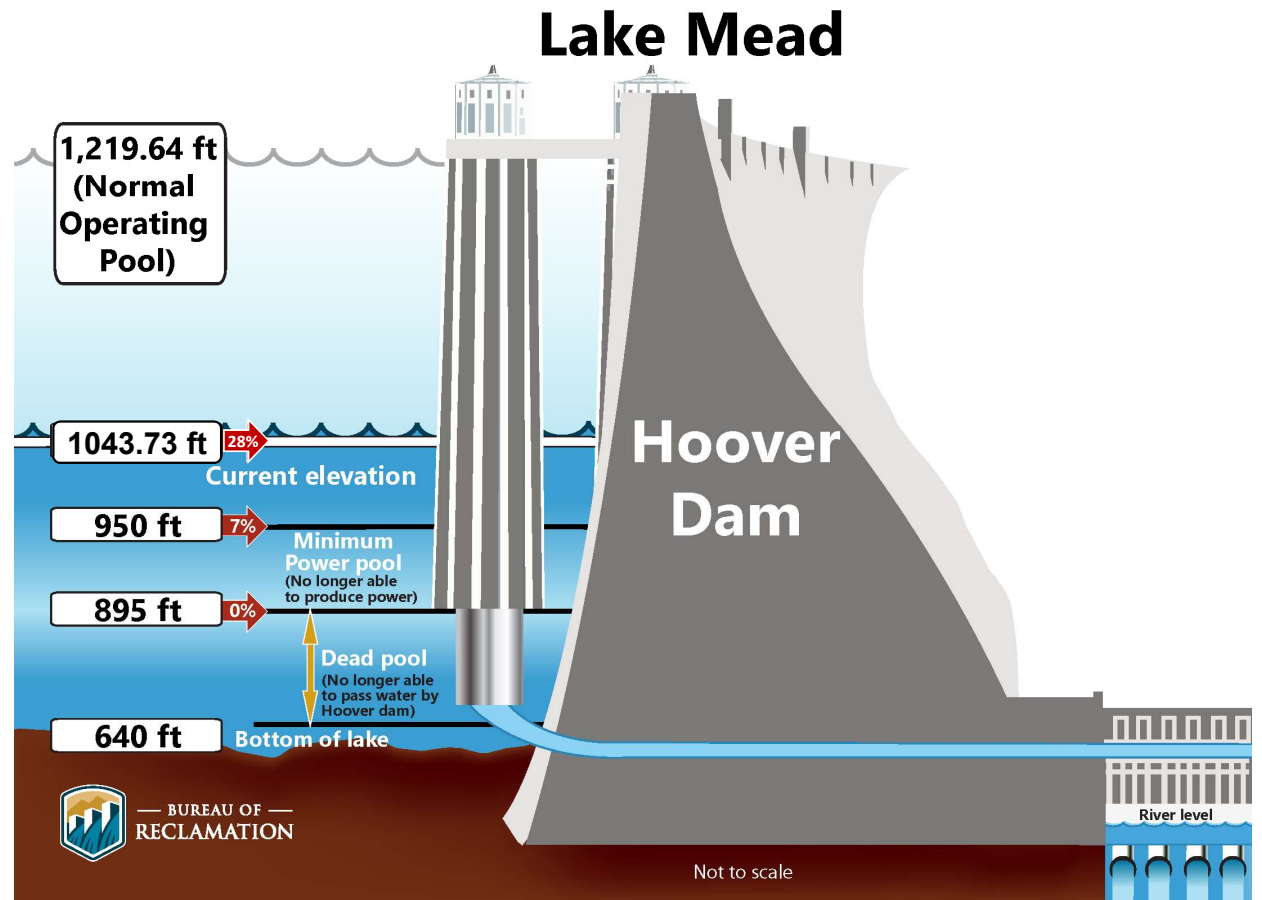
### State Water Project Supply

- Initial SWP Allocation set at 5 percent
- Depleted SWP system storage
- 2023 supply conditions may improve as the year progresses
- Payback obligations

### Colorado River Supply

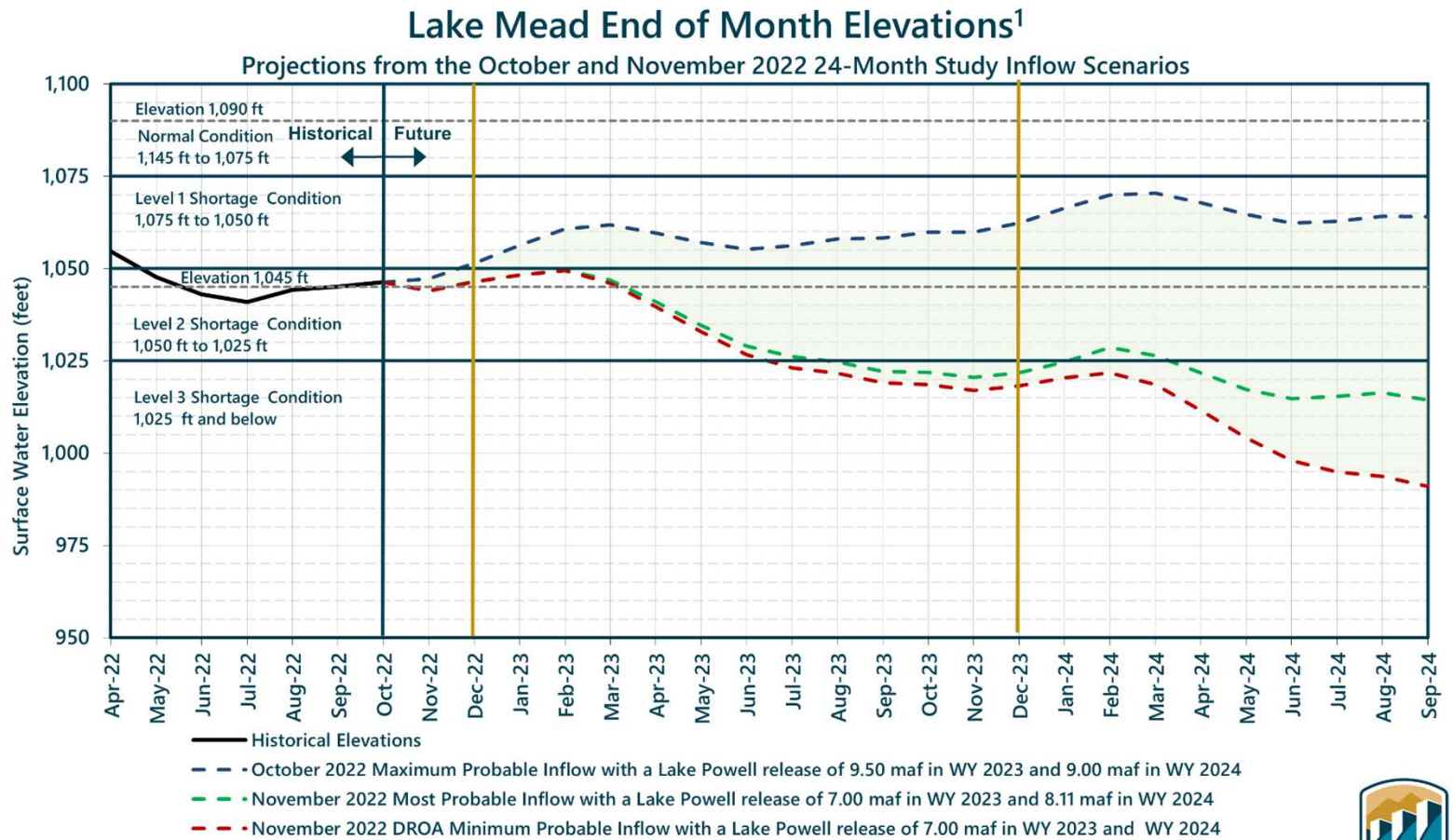
- Deteriorating Colorado River supply is focusing attention on California's water use
- Access to supply and payback obligations
- Metropolitan is not expecting to divert a full Colorado River Aqueduct next year

# Unprecedented Shortage on Colorado River System



\*As of end of November 2022

# Latest USBR 24-month Study

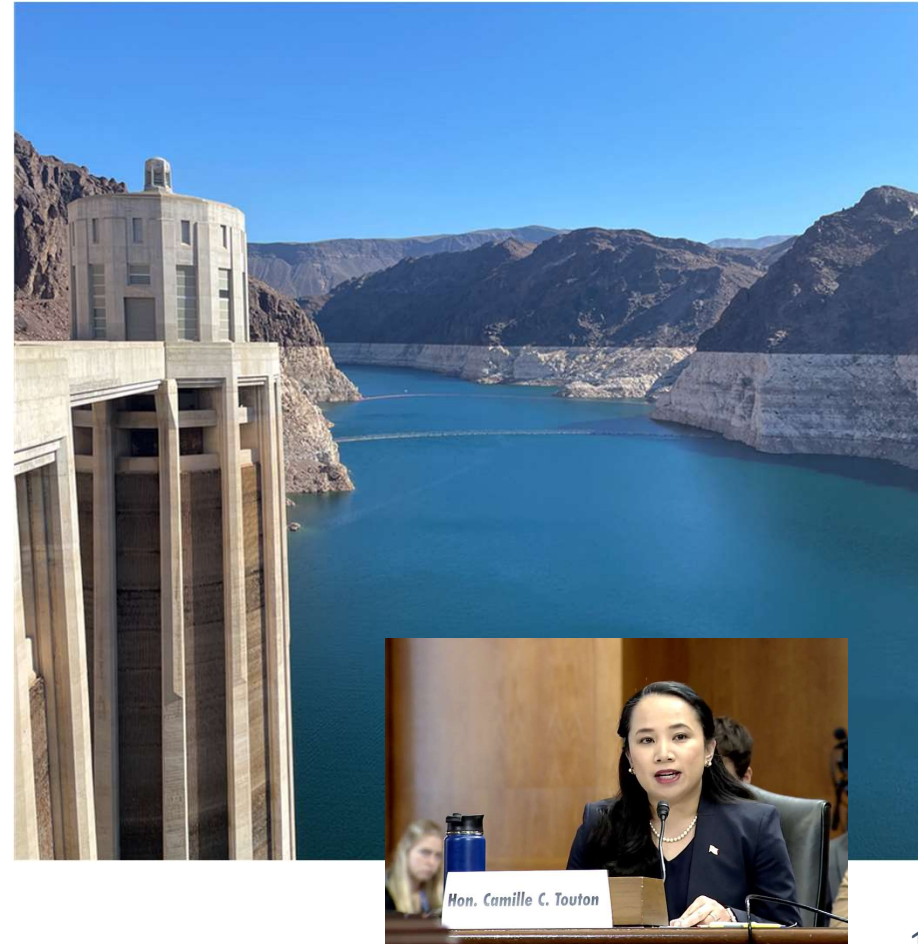


<sup>1</sup> Projected Lake Mead end of month physical elevations from the latest 24-Month Study inflow scenarios.  
The Drought Response Operations Agreement (DROA) is available online at: <https://www.usbr.gov/dcp/finaldocs.html>.



# Colorado River Basin Conservation Efforts

- **December 2021: 500+ Plan**
- **June 2022: Federal call to cut basin-wide consumption by 2-4 MAF**
  - No Agreements have been made
  - CA agreed to commit 400 TAF
- **November 2022: Notice of Intent to prepare Supplemental EIS process to review 2007 Interim Guidelines**
- **Department of the Interior has ability to unilaterally enforce conservation measures**



# Future Long-Term Solutions on the Colorado River

- Expiring management documents at the end of 2026
- NEPA process for 2027  
Agreements to start in 2023
  - Seek input and brainstorming before starting process
  - First preliminary step for long-term operations for Powell and Mead



# Regionwide Allocation

- Resolution reaffirming Regional Drought Emergency to include all member agencies and to reduce the use of SWP and CRA
- Emergency Water Conservation Program continues in SWP-dependent area
- MWD Board will consider imposing Water Supply Allocation Plan for all member agencies in March 2023 to be effective July 2023 through June 2024

