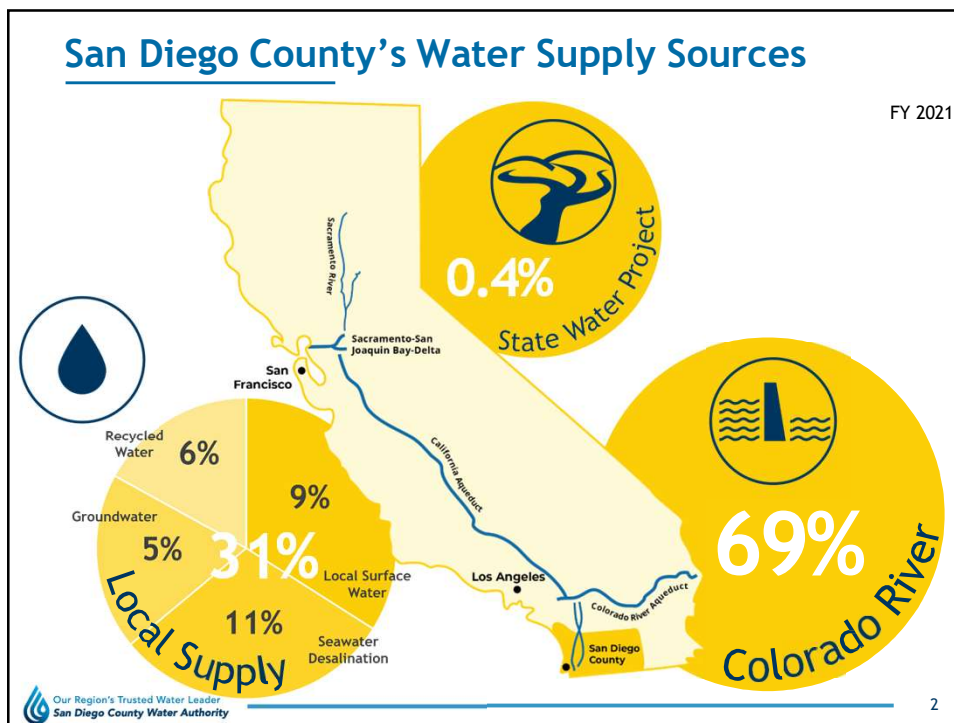
  
**San Diego County  
Water Authority**  
Our Region's Trusted  
Water Leader

# Colorado River Update

IRWM Regional Advisory Committee  
August 3, 2022

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1



2

## Colorado River - CY 2022



- First Lower Basin shortage declared for 2022
- Driest conditions in 1200 years
- 613K AF of reductions to Arizona, Nevada, and Mexico
- No impacts to California
- Reclamation's updated five-year projections worsen

3

## Colorado River Basin Conditions

- As of August 1, 2022:
  - Precipitation 99% of normal
  - Forecasted unregulated inflow for WY 2022 61% of normal
  - Lake Mead 27% full (7.0 MAF)
  - Lake Powell 27% full (6.2 MAF)



4

## Colorado River Hydrology - CY 2022

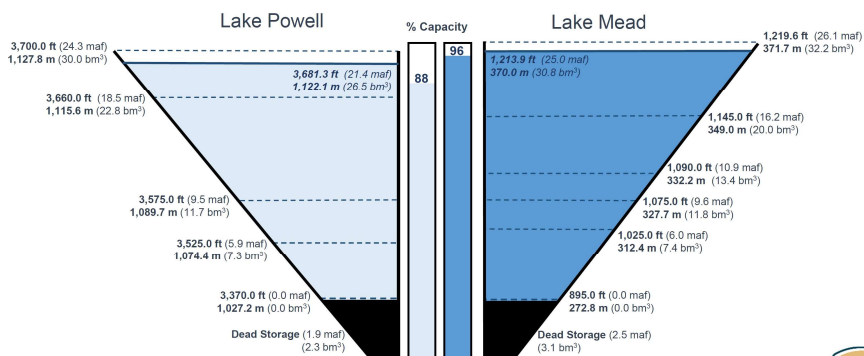
- Hydropower concerns with potential for reservoirs to drop below minimum power pool elevations
- CY 2022 actions taken to protect critical elevations
  - Lake Powell releases reduced by 480 TAF
  - 500 TAF released to Powell from Flaming Gorge
  - Lower Colorado River Basin 500+ Plan
- Powell and Mead elevations continue to decline



5

## 1999 Reservoir Levels

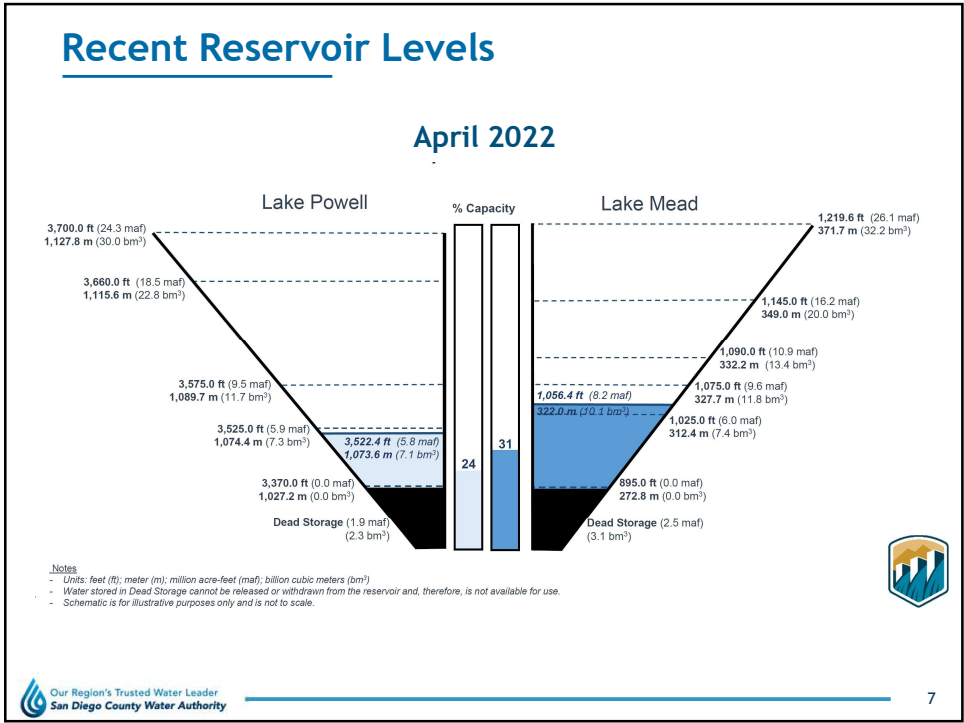
### Entering Current Drought December 1999



**Notes**  
 - Units: feet (ft); meter (m); million acre-feet (maf); billion cubic meters (bcm)  
 - Water stored in Dead Storage cannot be released or withdrawn from the reservoir and, therefore, is not available for use.  
 - Schematic is for illustrative purposes only and is not to scale.



6



7

### Colorado River Hydrology - CY 2023

- Official determination for CY 2023 operations will be made in August
  - Potential for Tier 2 shortage (would again affect AZ, NV and MX)
  - Potential for additional DCP contributions
- Department of Interior has called on Basin States to come up with a plan for 2 to 4 MAF of additional conservation for CY 2023
  - Plan is needed by mid-August
  - Basin stakeholders are working collaboratively on a proposal
  - Water Authority is engaged

8

8