



Water Supply Update

MWDOC Workshop Board Meeting

Brad Coffey
Metropolitan Water District of Southern California
May 5, 2021

Outline

- Watershed Conditions
- 2021 Supply and Demand Balance
- Dry-Year Actions
- Governor's Drought Proclamation

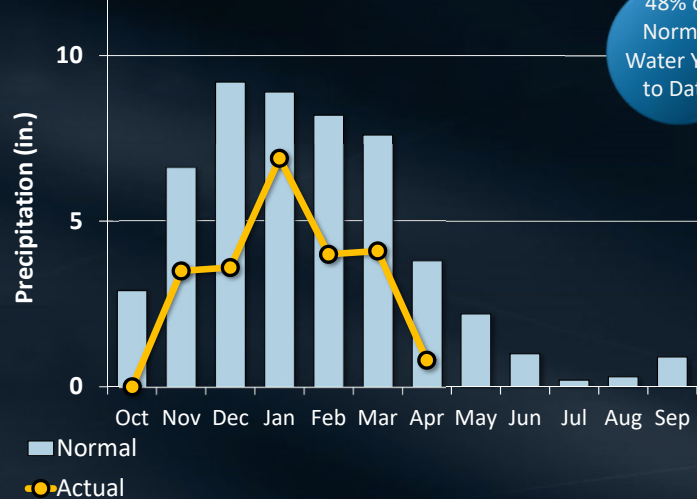
Below Normal Precipitation Statewide

As of 5/2/2021



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8 Station Index Precipitation



48% of Normal Water Year to Date

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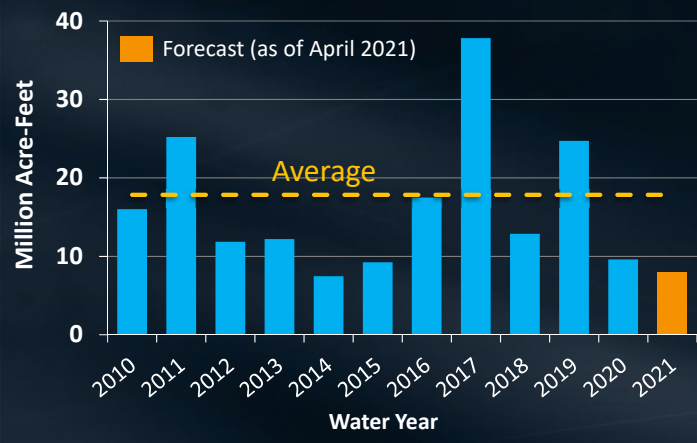
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Below Normal Runoff Projected for the Sacramento River



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Sacramento River Runoff

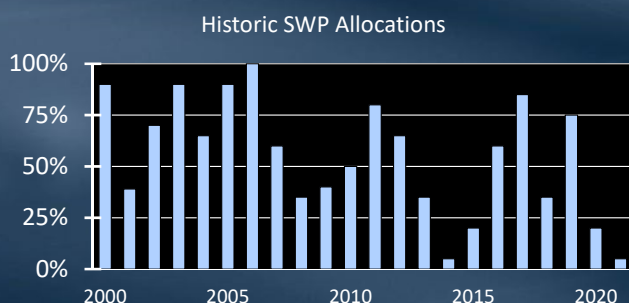


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Second Dry Year Intensifies Impact

- State Water Project allocation reduced from 10% to 5%
- Ties lowest allocation with 2014
- Allocation reduced in prior years



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Governor's Drought Proclamation

"The State and its many partners have strengthened drought resilience since the last drought" – Governor Newsom, April 21, 2021

- Limited drought emergency for two counties
- Directs state agencies to work with regional and local governments to direct drought actions as needed
- Recommends additional financing for water resilience infrastructure

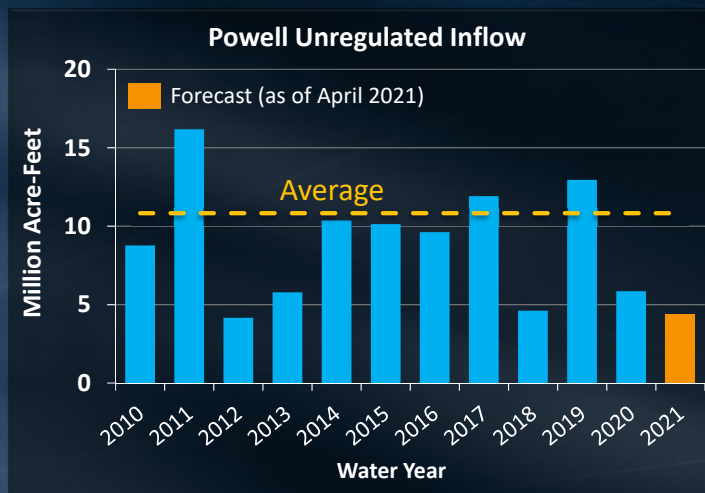
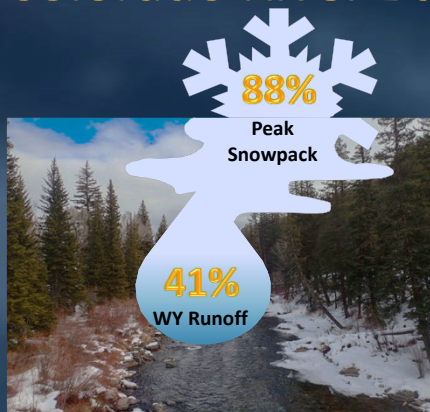


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Below Normal Runoff Projected in the Upper Colorado River Basin

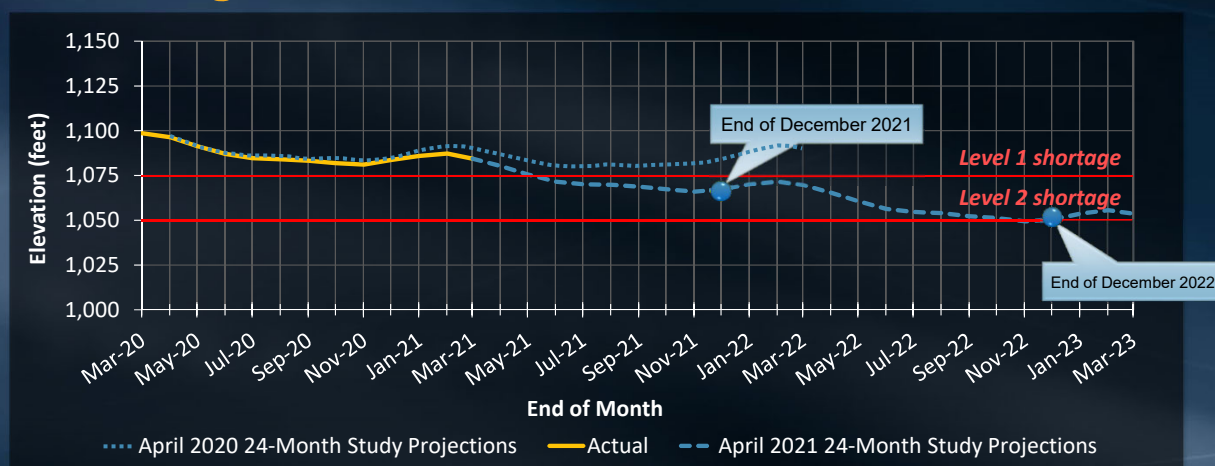


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USBR's 24-Month Study Continues to Project Declining Lake Mead Elevation



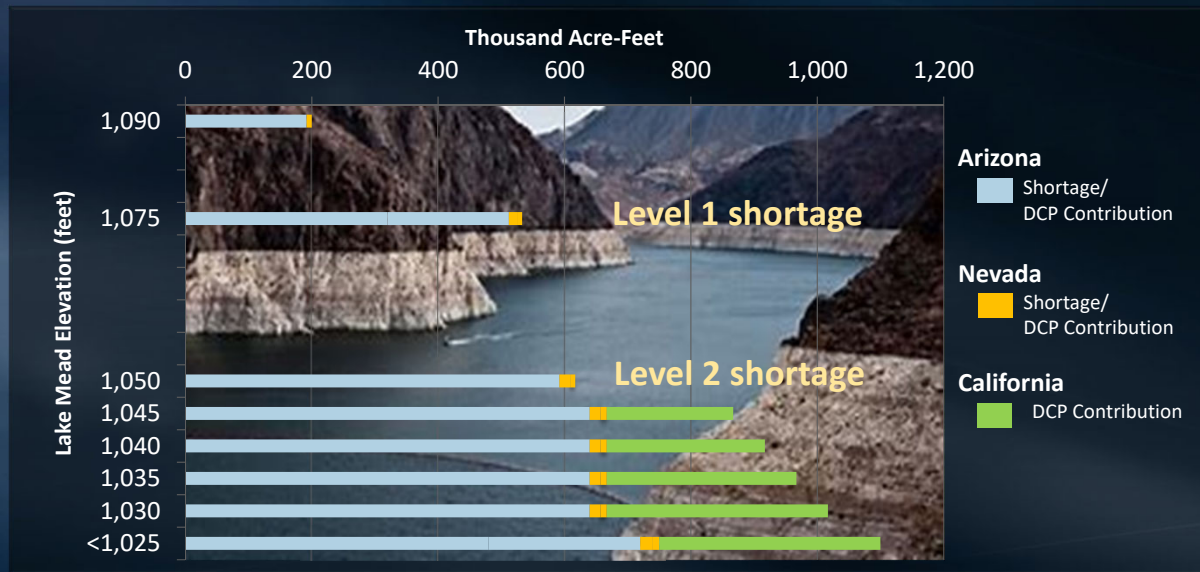
April 24-Month Study

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Contribution to Support Lake Mead



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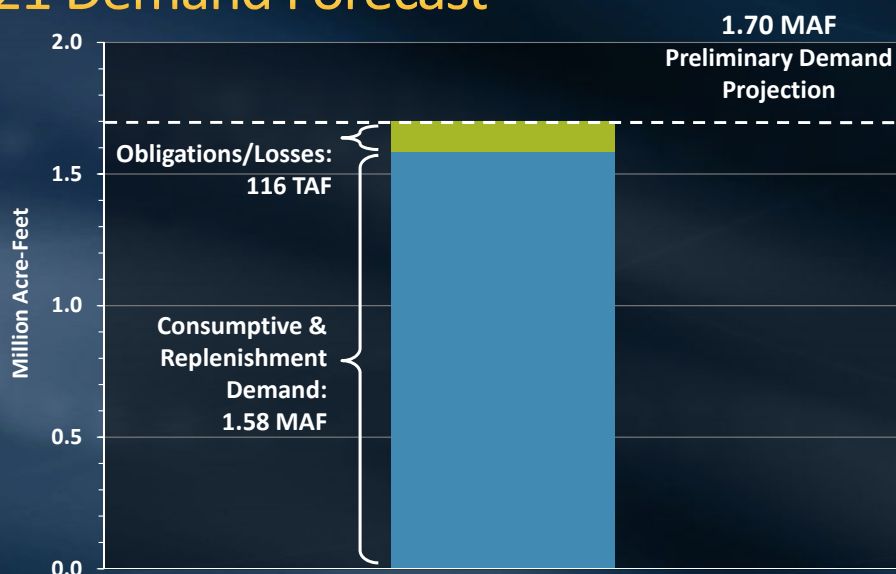
2021 Supply/Demand Balance

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2021 Demand Forecast

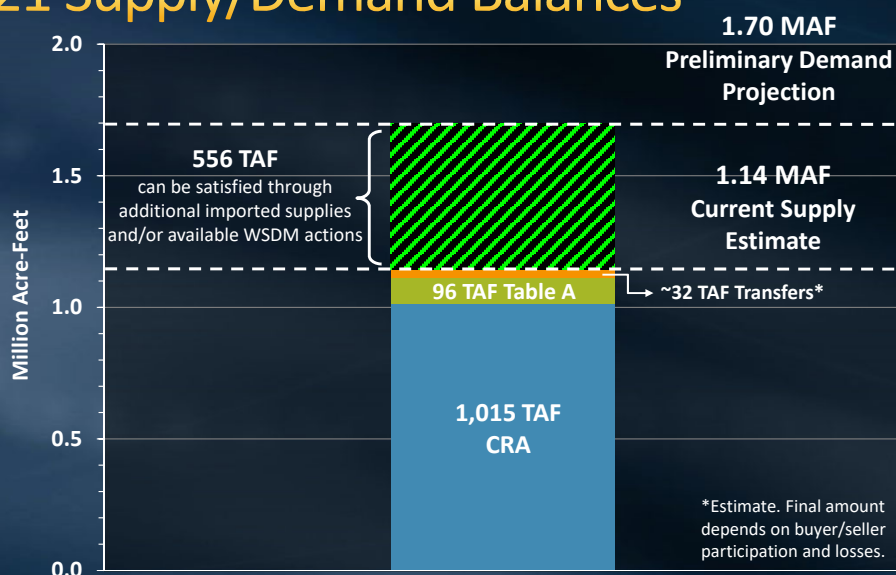


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2021 Supply/Demand Balances



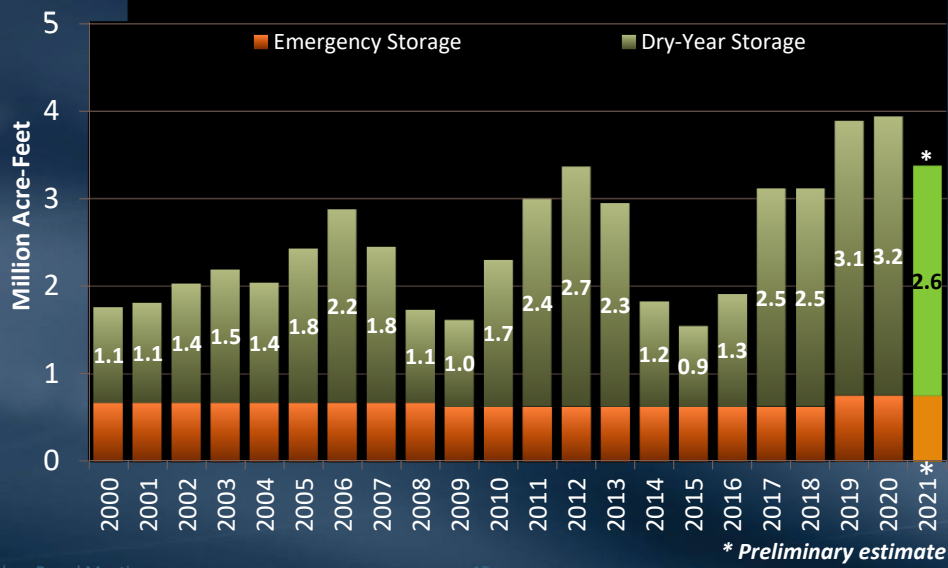
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Projected Metropolitan Storage Balances

End of Year Balances

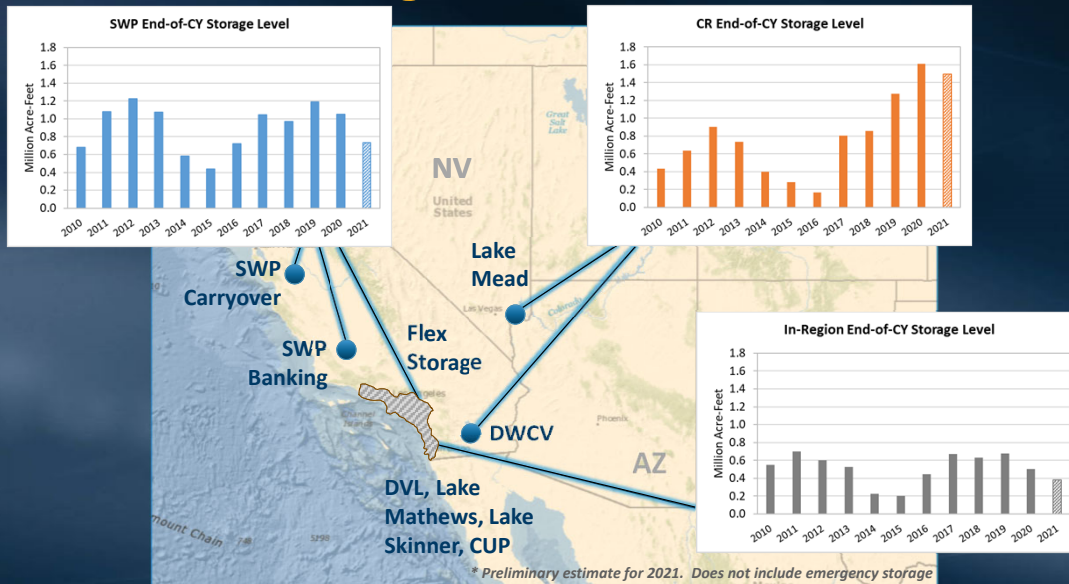


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End-of-Year Storage Balances*



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Dry-Year WSDM Actions Underway

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Dry-Year WSDM Actions Underway



- Transfer supply purchases
 - State Water Contractors Buyers Group
 - Yuba Accord supplies
- Withdrawing from dry-year storage
 - Flex Storage (Castaic and Lake Perris)
 - Conjunctive Use Programs
 - SWP Groundwater Banking Programs
 - ICS and DWCV Advanced Delivery Account

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Ongoing Operational Actions and Member Agency Coordination to Preserve SWP Supplies



- DVL to Lakeview
- DVL to Mills
- Greg Ave Pumping
- Shifting agency demands

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Summary

- Below normal runoff in both watersheds
- SWP allocation remains at 5%
- First shortage declaration expected in 2022 for Colorado River
- WSDM actions implemented to satisfy 2021 supply-demand gap and preserve SWP Carryover storage for 2022
- Limited state of emergency declared

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Messaging and Outreach on Drought Conditions, Conservation



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Communications & Key Messaging

Southern California is **prepared** for this year's dry conditions thanks to **sound planning** and major investments by water agencies.

Conservation has become a *California Way of Life* for the region, with per capita water use down about 40 % since 1990.

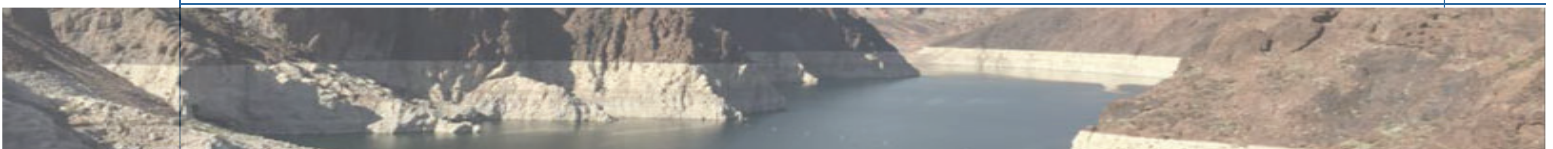
We must plan for future droughts and climate change by **modernizing existing water systems** and investing in **new, innovative and sustainable projects**.

High Media Interest

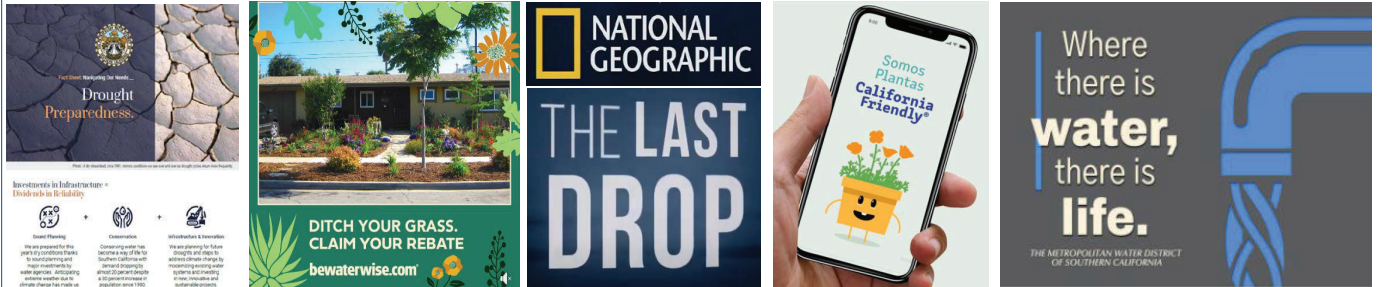


Content and Planning

- Consistent, balanced message that supports and encourages **consumer efficiency** efforts while emphasizing Southern California is **prepared**
- Communications planning focused on media outreach, key stories with high public engagement, and opportunities to reach diverse audiences
- Coordination with **member agencies, State Water Contractors** and other organizations



Fact Sheets, Social, Blogs, Digital



- Range of creative assets and messaging
- Targeted **social media** posts for broad audiences, **multilingual** materials
- Leveraging opportunities for TV, YouTube, podcasts, other platforms



Conservation Activities

- **BeWaterWise** portal content updates
- Rebates
- Landscape training – English, Spanish, Mandarin
- Partnerships with community organizations
- County by county planting guides
- Focus on sustainability



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