



Municipal Water District of Orange County Workshop

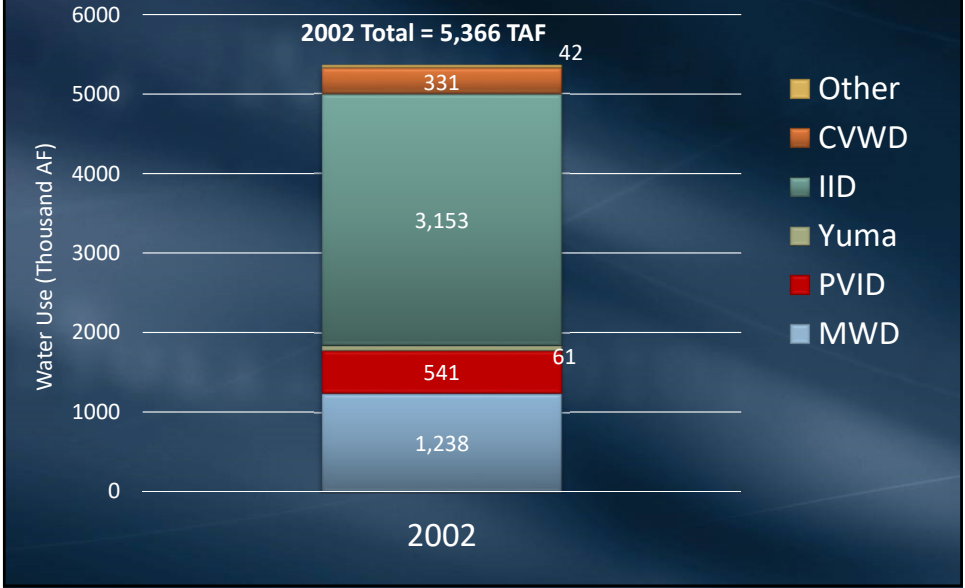
April 7, 2021

Maintaining a Reliable Colorado River Supply

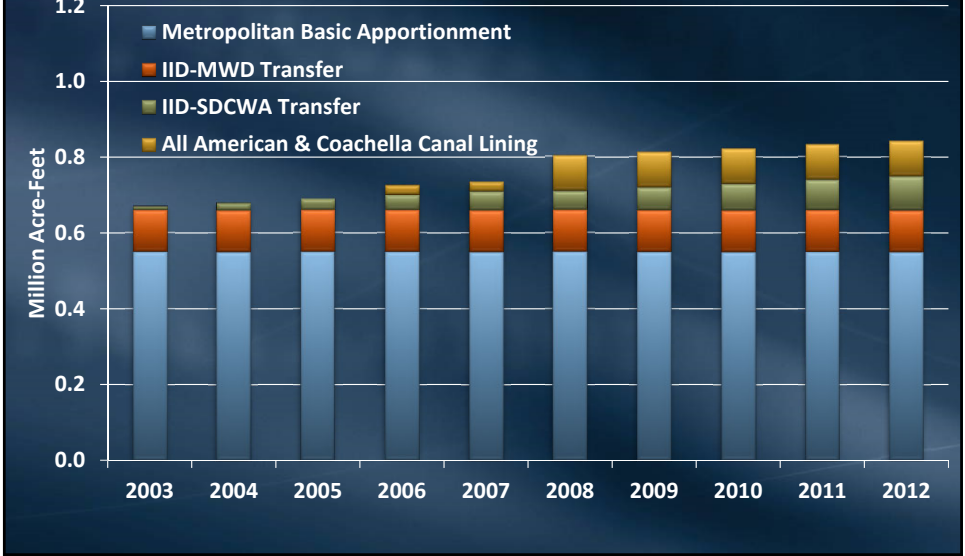
The slide features a background image of a deep, red-rock canyon with a river flowing through it. The title and date are in large, bold, yellow and white fonts. The subtitle is in a smaller, bold, black font.



CA's 2002 Colorado River Water Use

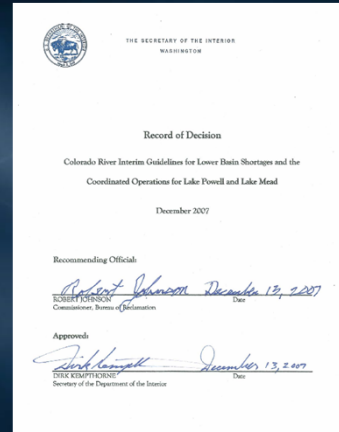


Colorado River Aqueduct Supply based on 2003 QSA Schedule

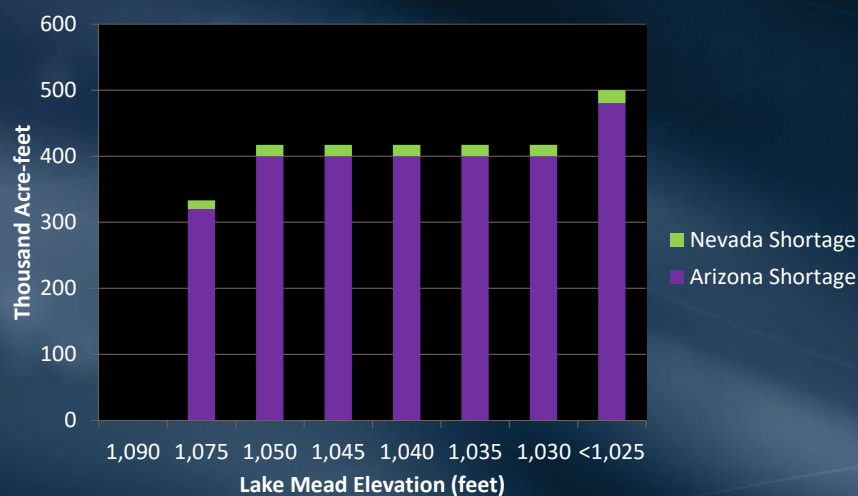


2007 Interim Guidelines

- Effective through 2026 AOP
- Key provisions of Guidelines
 - Surplus and Shortage Provisions
 - Coordinated Reservoir Operations
 - Establishment of Intentionally Created Surplus (ICS)



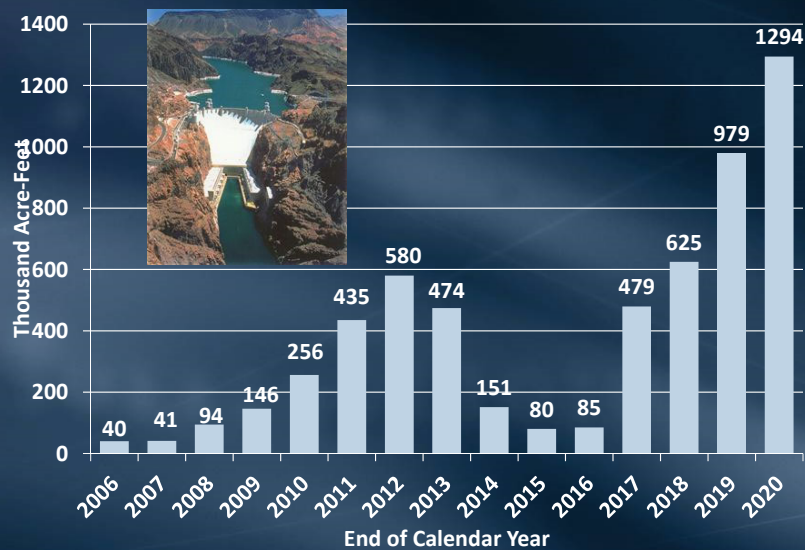
2007 Agreement for Shortages



Water Supplies MWD Obtained since QSA

- MWD gained these supplies through Guidelines or other Interagency Cooperation
 - PVID Fallowing Program (plus emergency program)
 - Water stored in Arizona
 - Water stored for Nevada in MWD Service Area
 - Funding Brock Reservoir
 - Funding Yuma Desalting Plant
 - Funding conservation in Mexico
 - Bard Fallowing Program
 - Water stored for IID
 - Funding groundwater wells in Imperial County
 - Conserved water obtained from CVWD
 - Incentivizing water use efficiency on MWD land in PVID

MWD ICS Storage In Lake Mead

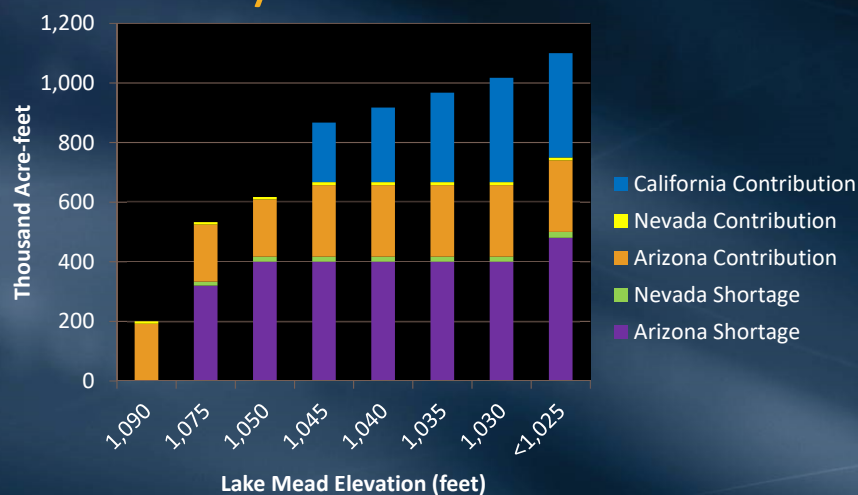


Unresolved Issues in 2007 Guidelines

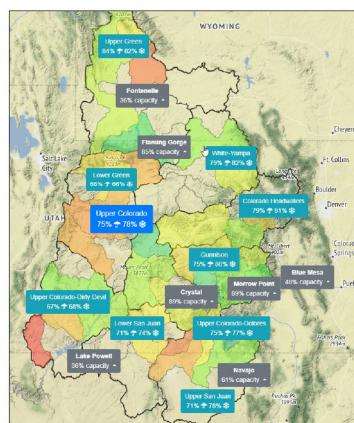
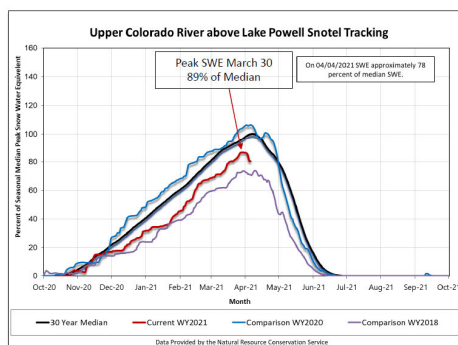
- Dispute over ICS delivery during shortage
- Identifying which agencies takes what amount of shortages to prevent Mead from reaching elevation 1,000'

May 21, 2019, Department of Interior and States approve Colorado River Drought Contingency Plan





Current Snow Water Equivalent (as of April 4, 2021)



Most Probable Spring and WY2021 Forecast

April – July 2021
Forecasted Unregulated Inflow
as of April 2, 2021

Reservoir	Unregulated Inflow (kaf)	Percent of Average ¹
Fontenelle	430	59
Flaming Gorge	430	54
Blue Mesa	440	65
Navajo	395	54
Powell	3,200	45

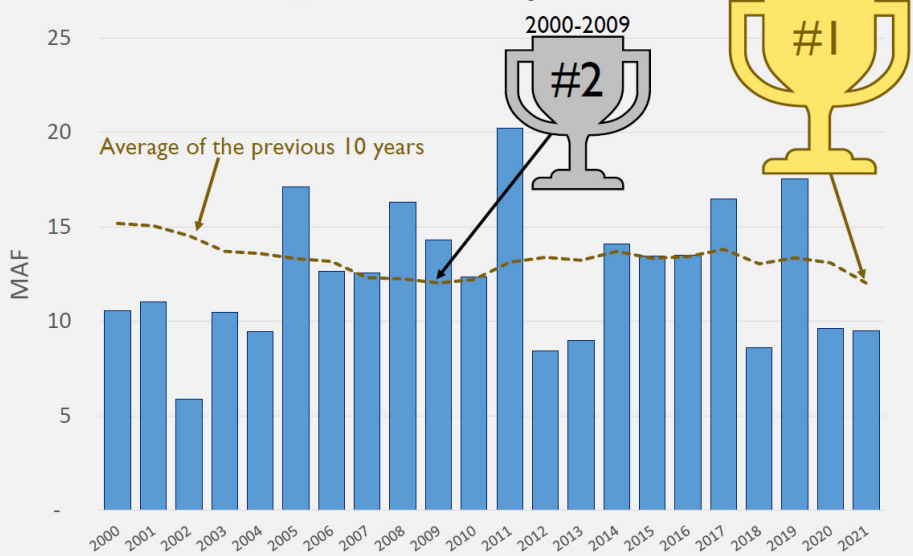
Water Year 2021
Forecasted Unregulated Inflow
as of April 5, 2021

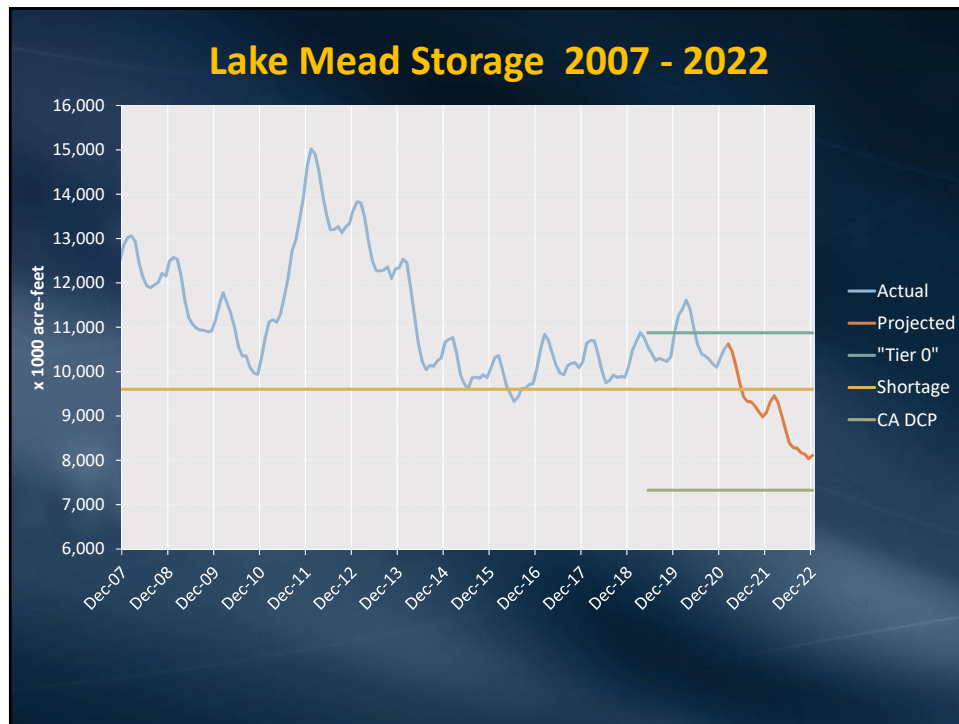
Reservoir	Unregulated Inflow (kaf)	Percent of Average ¹
Fontenelle	691	64
Flaming Gorge	833	57
Blue Mesa	645	68
Navajo	538	50
Powell	4,897	45

¹ Percent of average based on the period of record from 1981-2010.



Natural Flow @ Lees Ferry





Looking Towards New Guidelines

- Interim Guidelines Terminate Dec. 31, 2025
- Required for New Guidelines
 - Completion of EIS Process (2-3 years)
 - Record of Decision (NLT December 2025)
 - Federal Legislation (most likely)

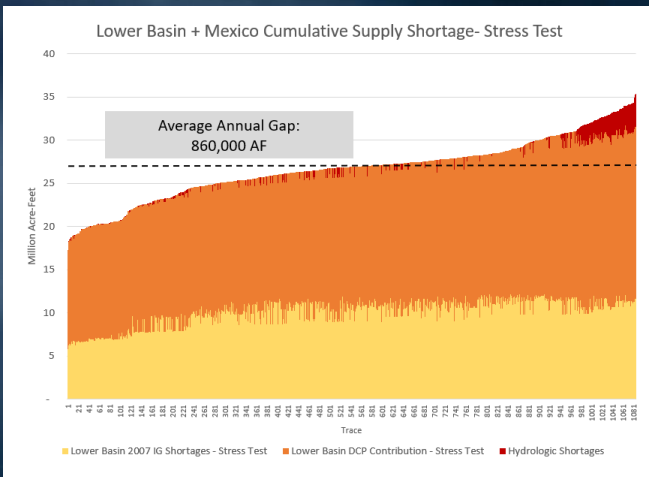
Unresolved Issues

- Incremental Change or a “Grand Bargain”?
- Who will be at “the Table”?
 - Seven Basin States & Key Water Contractors
 - Republic of Mexico
 - Native American Tribes
 - Other Stakeholders
- Will latest science be used?
- Will Salton Sea fate be a factor?

Metropolitan's Goals

- Water Supply
 - Maintain some base level of reliability
 - 2015 IRP was 900 taf
 - Ability to Fill CRA during low SWP allocations
 - Ability to implement interstate exchanges
- Water Quality
 - Sustainable Financing for Salinity Control
 - Long-term Paradox Valley Solution

Potential Lower Basin Delivery Supply Deficit



California's Success Story

