# Arizona Water Banking Authority Quarterly Commission Meeting



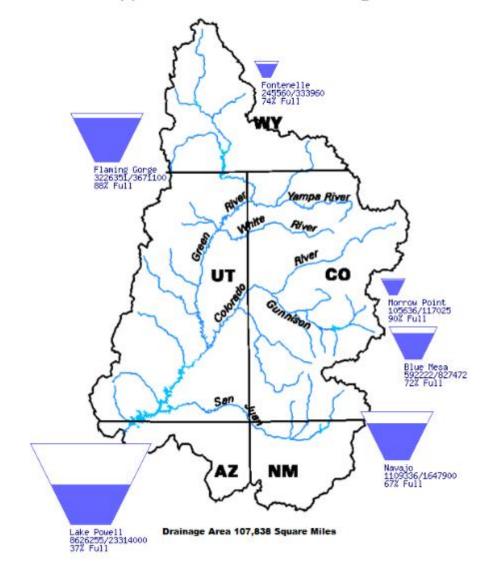
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Arizona Department of Water Resources
December 5, 2023

#### Upper Basin Storage (as of Nov. 29, 2023)

Data Current as of: 11/30/2023

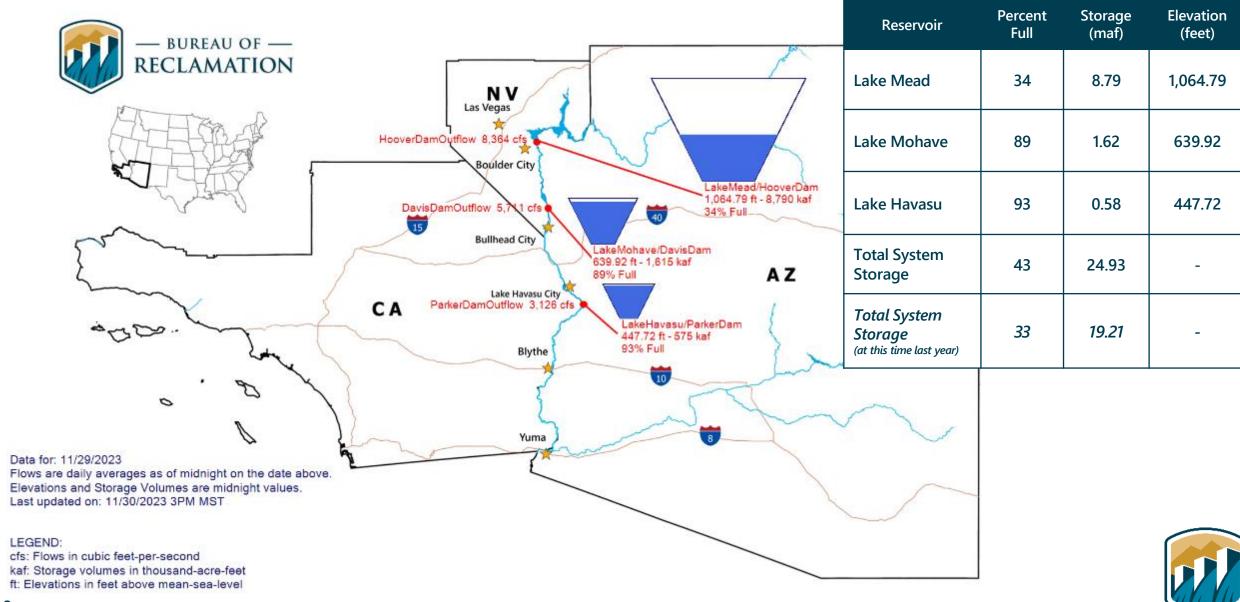
#### Upper Colorado River Drainage Basin

Reservoir	Percent Current Live Storage	Current Live Storage (maf)	Live Storage Capacity (maf)	Elevation (feet)
Fontenelle	74	0.25	0.33	6,494
Flaming Gorge	88	0.32	0.37	6,029
Blue Mesa	72	0.59	0.83	7,492
Navajo	67	1.11	1.65	6,045
Lake Powell	37	8.63	23.31	3,571
UC System Storage	36	10.87	29.93	

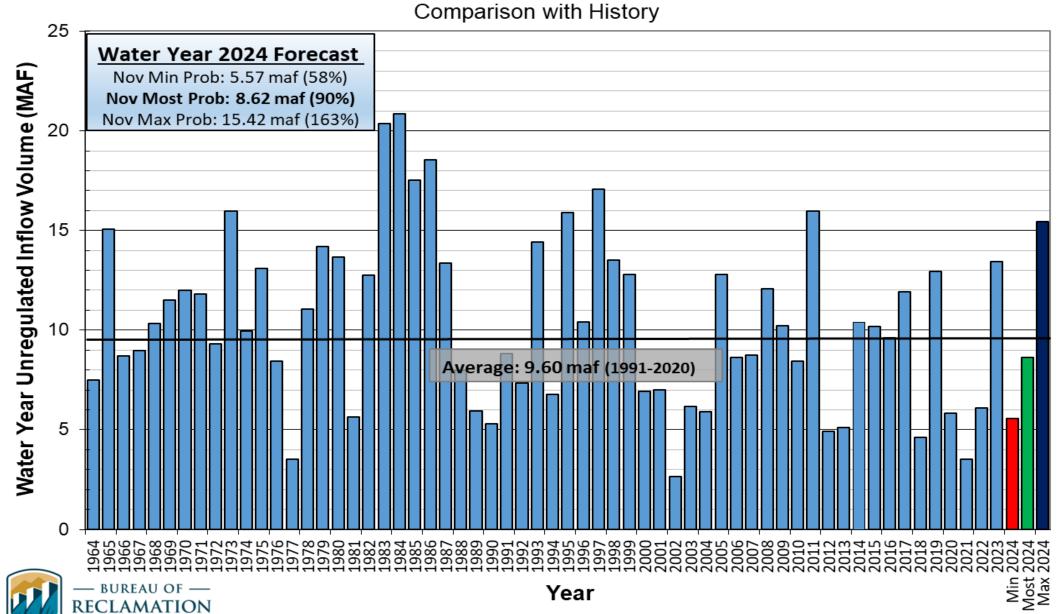


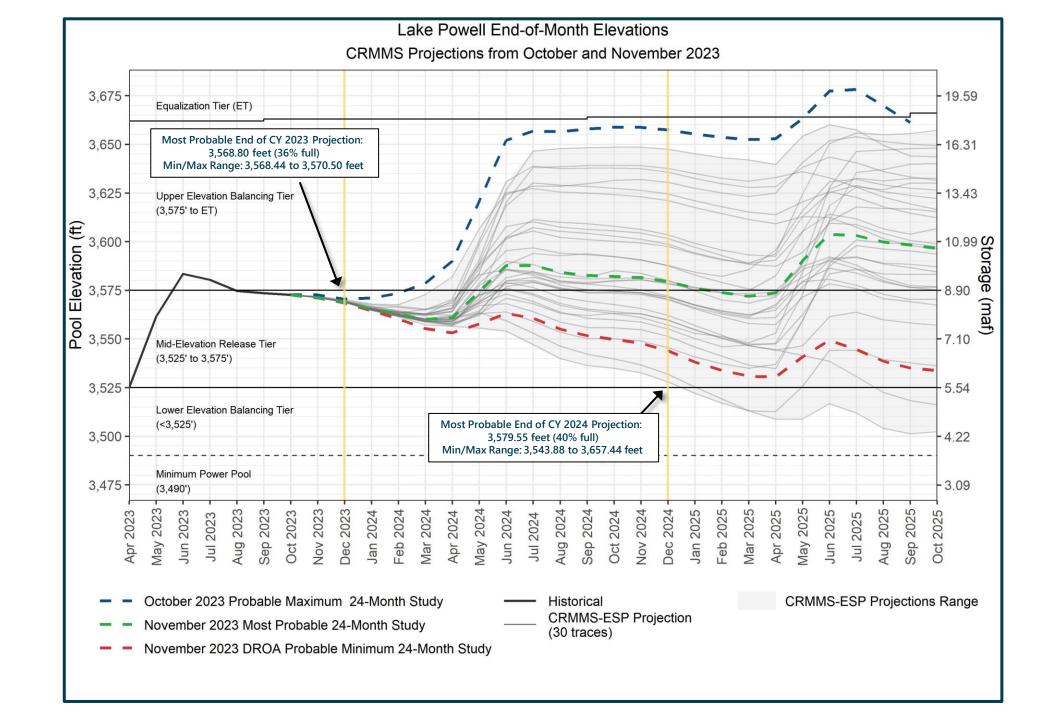


#### Lower Colorado Basin System Conditions (as of Nov. 29, 2023)

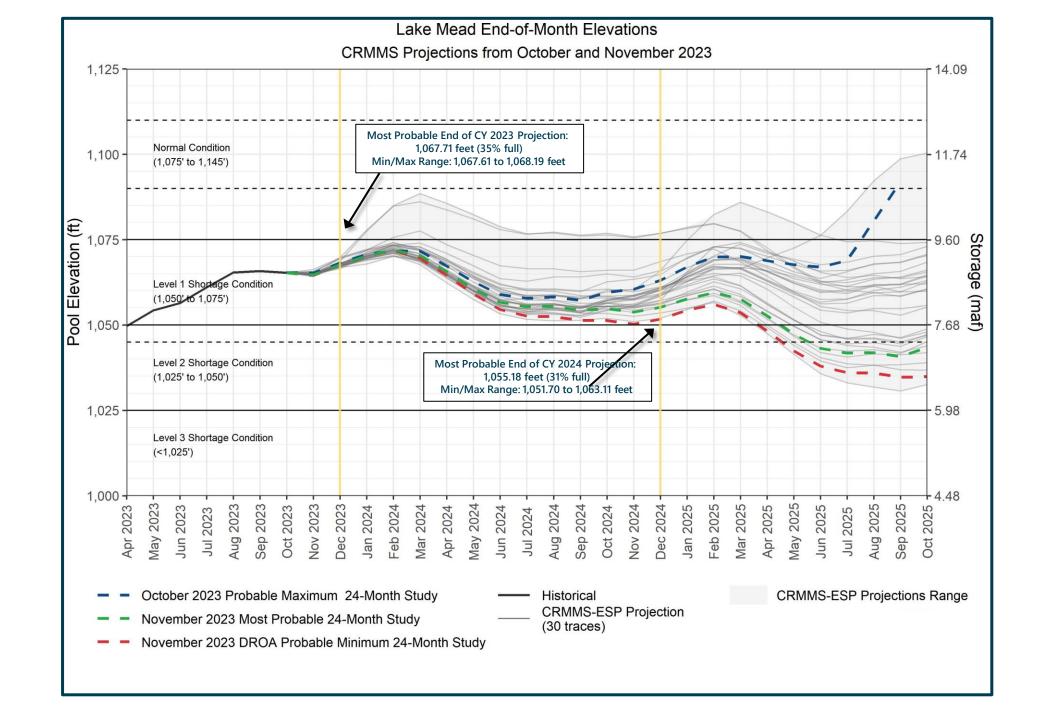


## Lake Powell Unregulated Inflow Water Year 2024 Forecast (issued November 1) Comparison with History











### Lower Basin: Primary Objectives

- Improve the sustainability of the River over a broad but plausible range of future conditions
- Increase the predictability of reductions
- Address the structural deficit by sharing reductions among the lower basin states and Mexico
- Share the risks and benefits of the system equitably within and between the basins

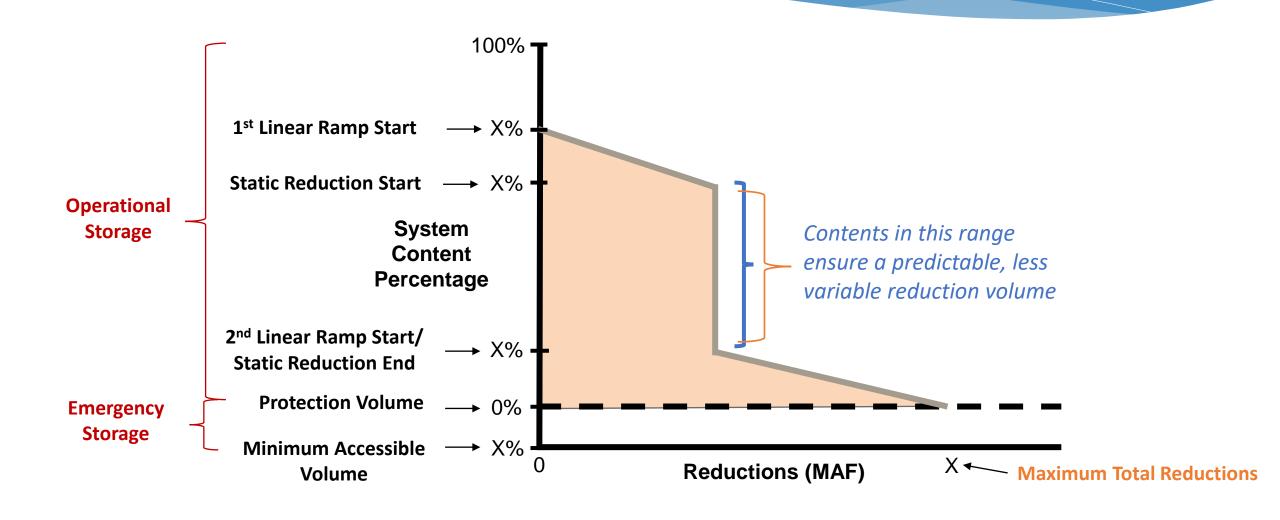
#### Lower Basin Objective: Increase Predictability

- Base reductions in the Lower Basin on combined system contents, rather than individual elevations
- Take consistent reductions over a broad range of storage contents
- Eliminate reliance on forecast data
- Reduce influence of water conservation and use behavior on Powell releases

#### Lower Basin Objective: Share Risks and Benefits

- Recognize the value of infrastructure protection, including Glen Canyon Dam
- Develop rules for releases from Lake Powell that equitably share the risks and benefits to the upper and lower basins
- All UB and LB states participate in reductions

#### Reductions Approach using System Contents



#### Goals of the System Contents Approach

- Address the structural deficit
- Reduce reliance on forecasts for water supply determinations
- Reduction determinations are no longer directly connected to reservoir elevation in Lake Mead
- Provide consistency and predictability for water users
- Provide a framework for equitable sharing of risk between basins

## Questions?

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