

Colorado River Water Supply Report

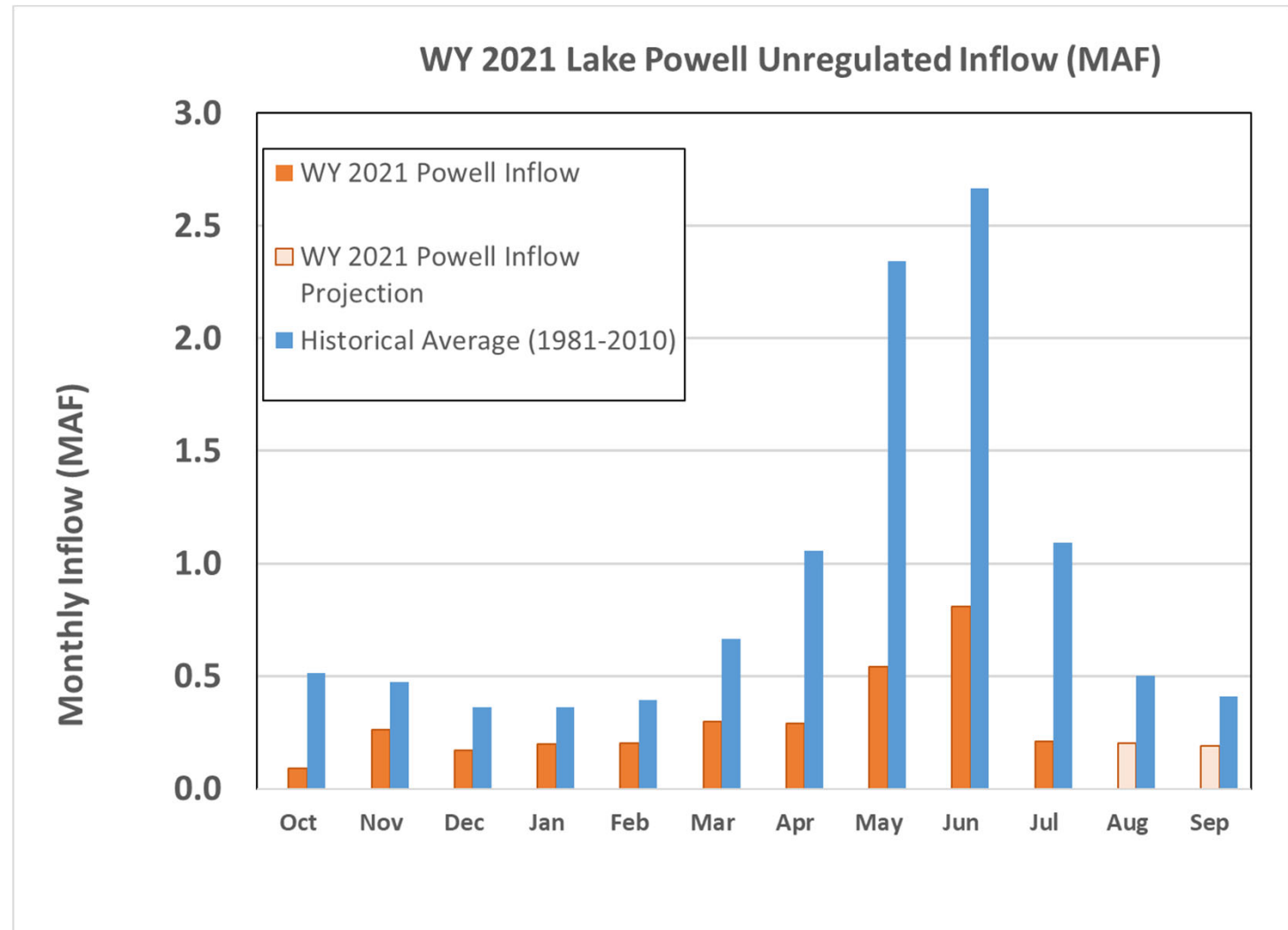
System Contents: 21.43 MAF
As of August 23, 2021

Reservoir Capacities (MAF)			
Reservoir	Current	Change	Maximum
Lake Mead	9.04	+ 0.02	25.90
Lake Powell	7.63	- 0.28	24.30
Flaming Gorge Reservoir	3.03	- 0.07	3.75
Fontenelle Reservoir	0.24	- 0.01	0.34
Navajo Reservoir	1.03	- 0.04	1.70
Blue Mesa Reservoir	0.33	- 0.03	0.83
Morrow Point Reservoir	0.11	0.00	0.12
Crystal Reservoir	0.02	0.00	0.03

* With respect to previous month's report

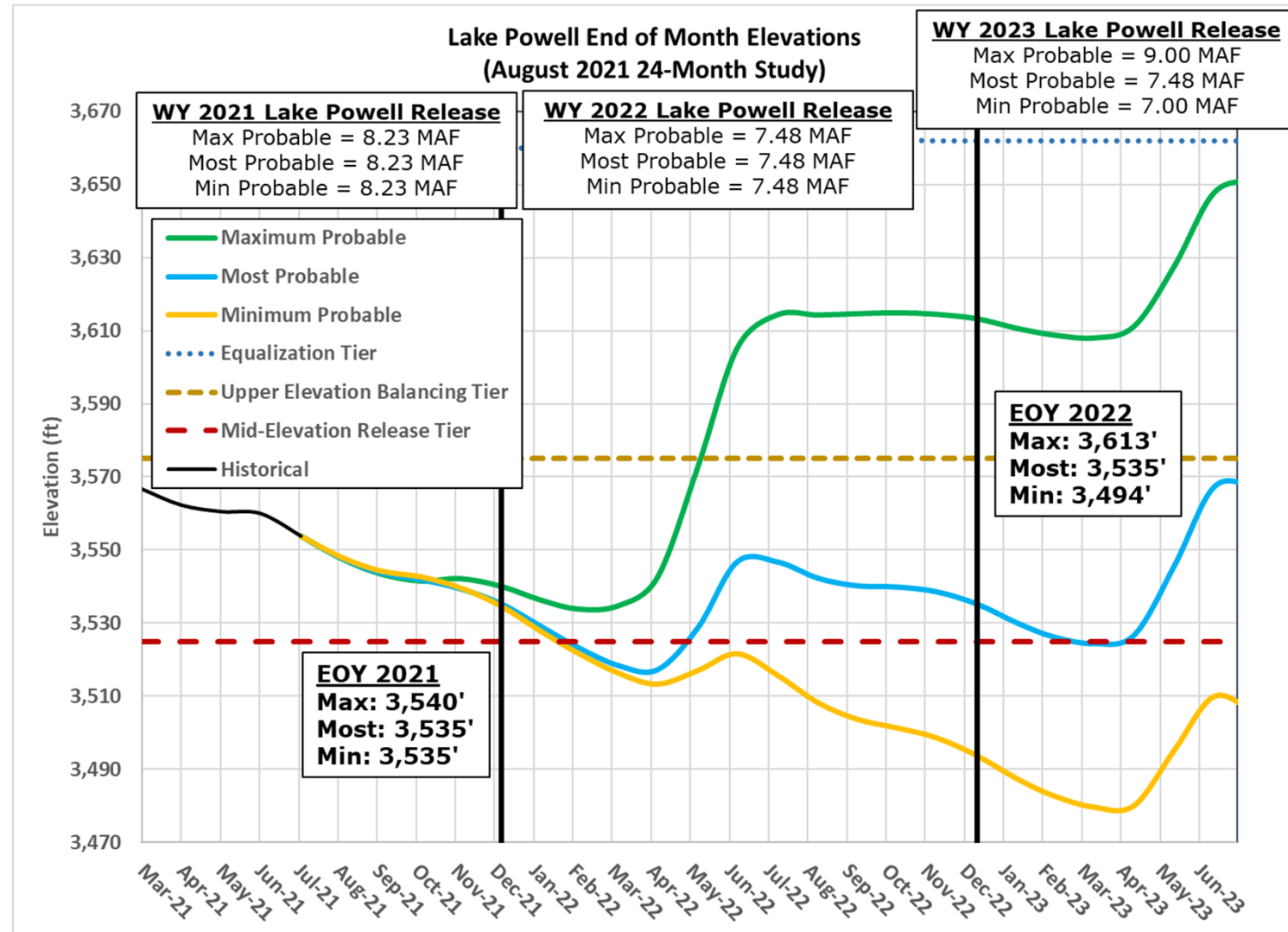
Powell Unregulated Inflows 2021

- WY 2021 projected to be 2nd lowest inflow
 - 3.46 MAF – WY 2021
- April – July inflow was 26% of 30-year average
- WY 2021 projected to be 32% of 30-year average
- Late summer storms have slightly improved inflows and projections
 - Projection for July was 10% of average – Actual July was 19% of average



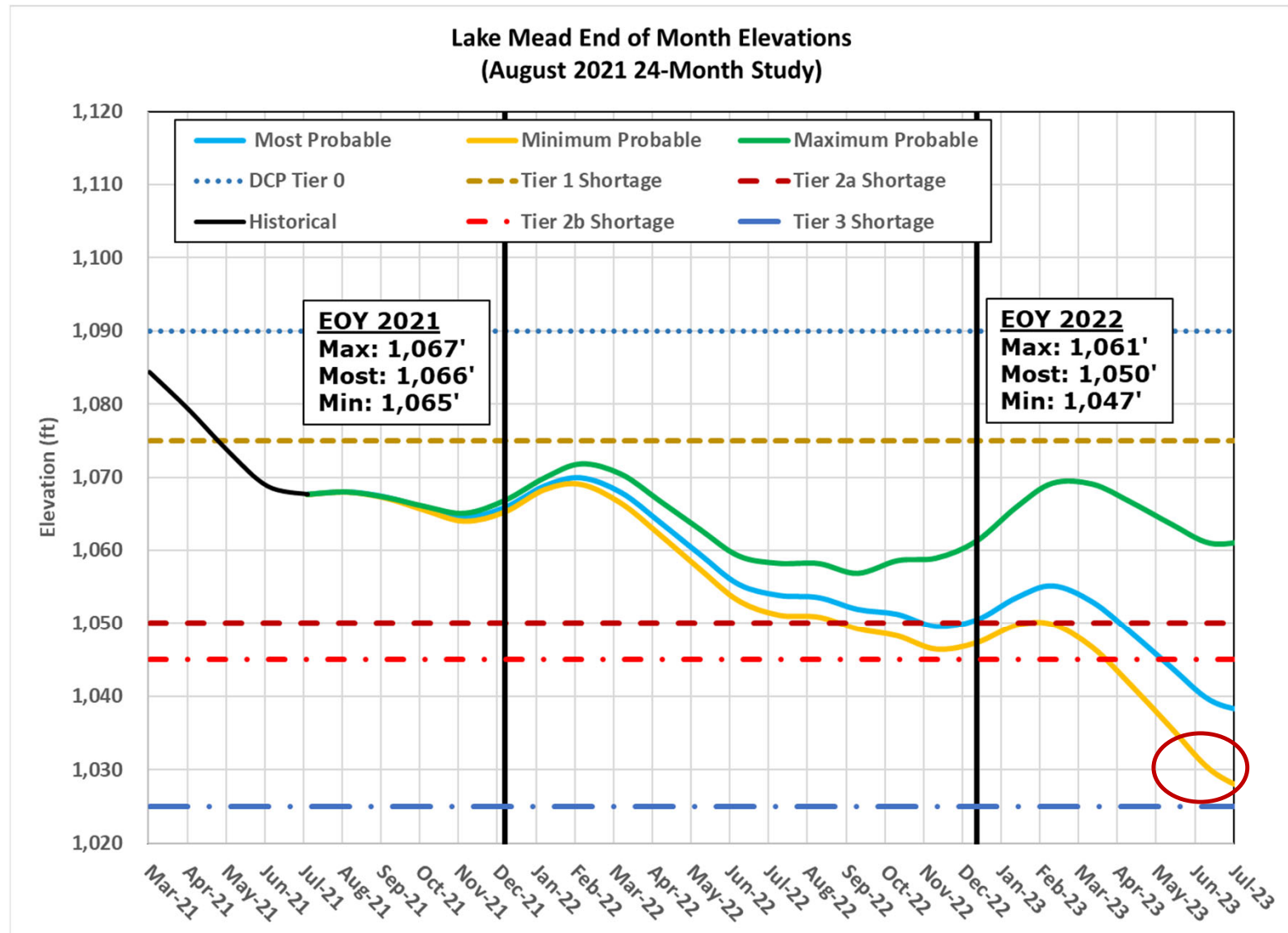
Powell End of Month Elevations

- 24-Month Study
August 2021
- In WY 2021, release is 8.23 MAF for min, most, and max probable scenarios
- In WY 2022, projected release is 7.48 MAF for min, most, and max probable scenarios



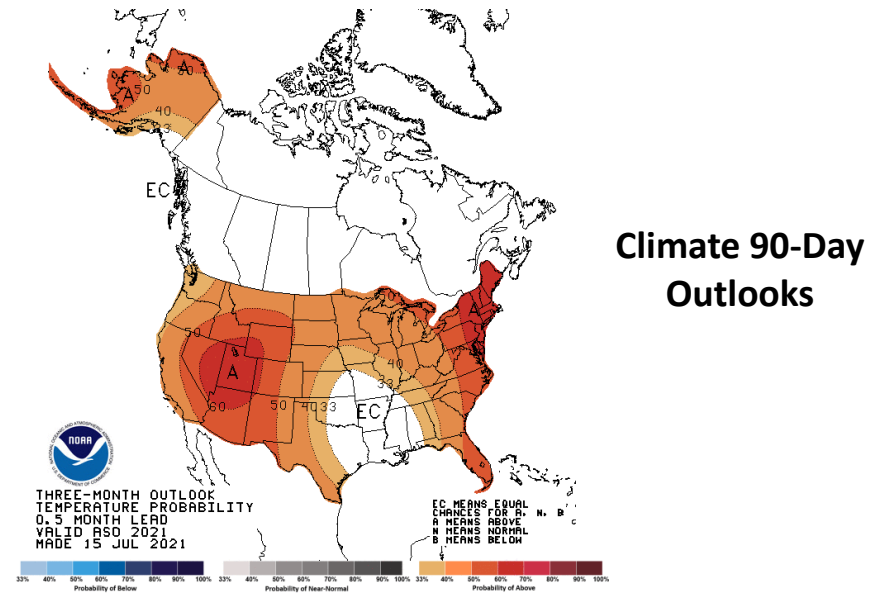
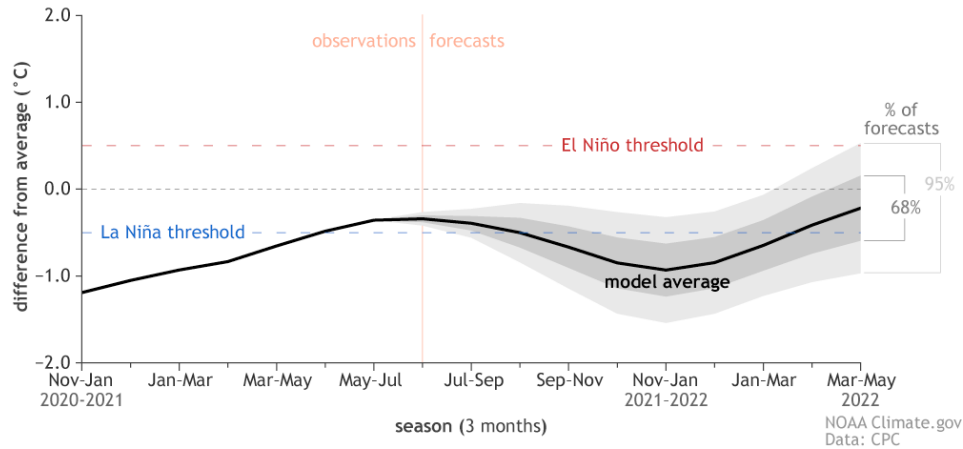
Mead End of Month Elevations

- August 2021
24-Month Study
- Min Probable
scenario shows
Mead < 1,030'
prompting "1,030
Consultation" per
Exhibit 1 to LBDCP
(Sec. V.B.2)



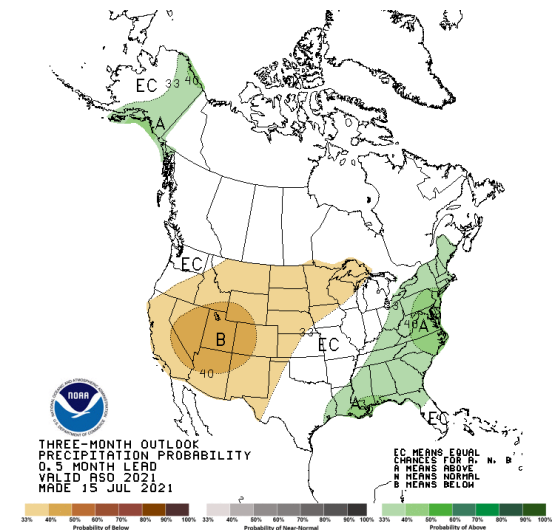
ENSO Forecast

Seasonal forecasts for Niño 3.4-region sea surface temperatures as of August 2021



Climate Projections for 2022

- ENSO forecast favors La Nina conditions
- 90-day forecast shows above average temperatures and below average precipitation probabilities
- Runoff greater than 7.0 MAF into Powell required to avoid 3,490' in Powell (min power pool)



2022 CAP System Conservation Plans

- Fort McDowell Yavapai Nation (FMYN) and Reclamation CAP System Conservation Project
 - Estimated 2022 conservation volume = 13,933 af
- Positive water supply impact through creation of System Conservation in Lake Mead
 - Part of the US obligation to provide 100 KAF of DCP Contributions
- Increased O&M rate impact projected to be ~\$1.20/AF for CAWCD customers
- Stakeholder input on rate and water supply impacts requested at August 25th Water Users Briefing