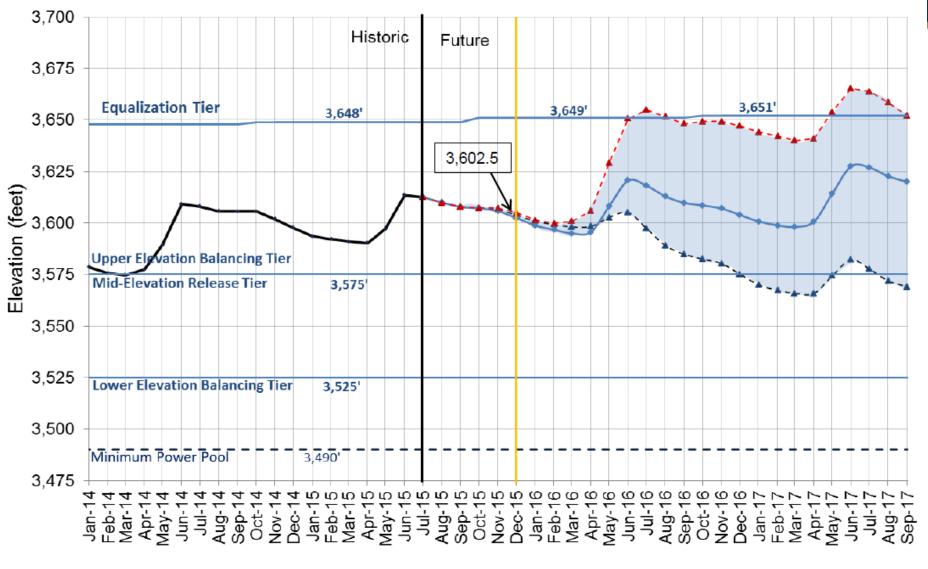
## **Colorado River Update**

Arizona Water Banking Authority Quarterly Meeting September 16, 2015



YOUR WATER. YOUR FUTURE.

## Lake Powell End of Month Elevations Historic and projected based on August 2015 modeling



— Observed - --- - Aug 2015 Min Probable → Aug 2015 Most Probable - --- Aug 2015 Max Probable

**August 24-month Study: Powell Releases** 

• WY 2015:

Upper Elevation Balancing Tier (9 MAF)

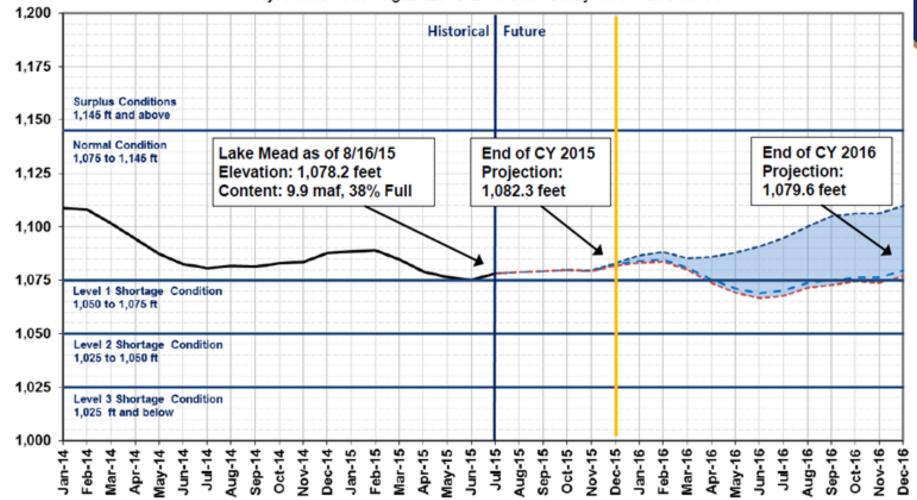
• WY 2016:

Upper Elevation Balancing Tier (8.23 MAF with adjustment up to 9 MAF)



## Lake Mead End of Month Elevations

Projections from August 2015 24-Month Study Inflow Scenarios



----- August 2015 Probable Maximum Inflow with Lake Powell Release of 9.00 maf in WY 2015 and 11.43 maf in WY 2016

– – August 2015 Most Probable Inflow with Lake Powell Release of 9.00 maf in WY 2015 and WY 2016

----- August 2015 Probable Minimum Inflow with Lake Powell Release of 9.00 maf in WY 2015 and WY 2016

Historical Elevations

Elevation (feet above msl)

## **<u>August 24-month Study</u>: Updated Probabilities of Shortage**

Year	Probability of Shortage	Probability of Tier 1 Shortage	Probability of Tier 2 Shortage	Probability of Tier 3 Shortage
2016	0%	0%	0%	0%
2017	18%	18%	0%	0%
2018	52%	42%	10%	0%
2019	65%	47%	14%	4%
2020	59%	35%	18%	7%

