RECLAMATION

Managing Water in the West

The Colorado River: Current and Projected Future Conditions

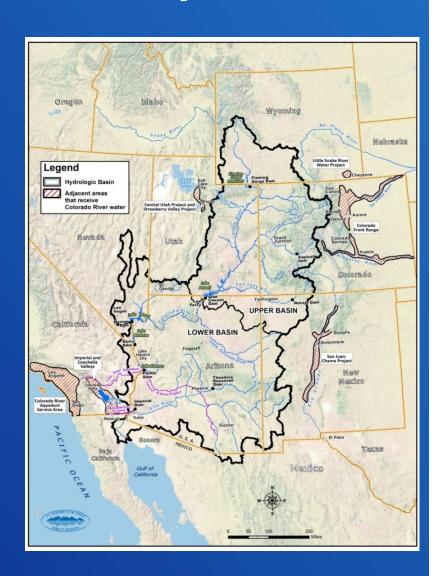
Water Education Foundation 34th Annual Executive Briefing March 23, 2017 Sacramento, CA



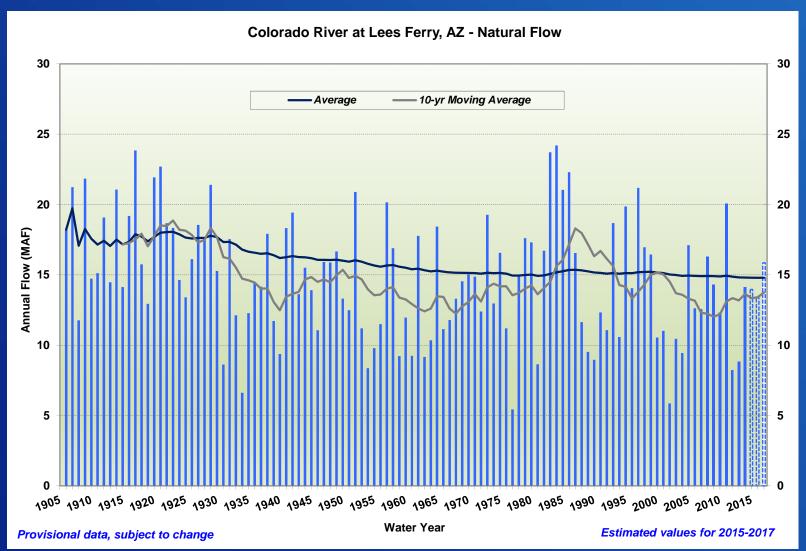
U.S. Department of the Interior Bureau of Reclamation

Overview of the Colorado River System

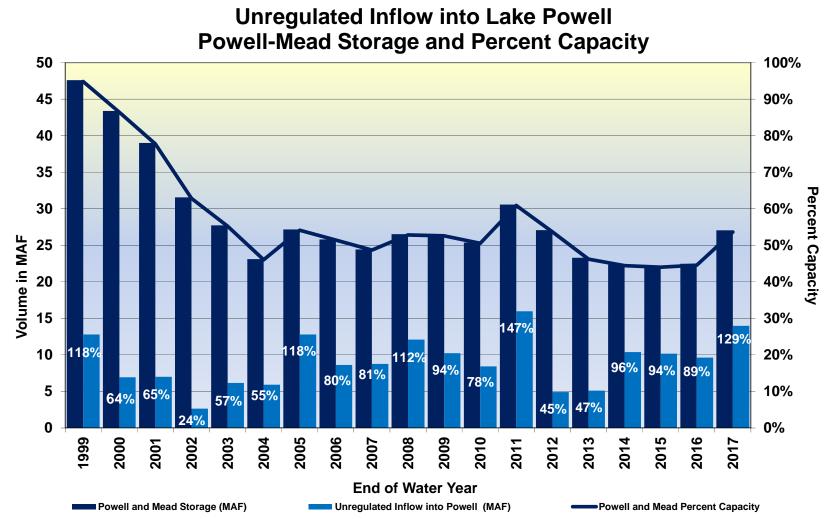
- 16.5 million acre-feet (maf) allocated annually
 - 7.5 maf each to Upper and Lower Basins
 - 1.5 maf to Mexico
- About 16 maf average annual "natural flow" (based on historical record)
 - 14.8 maf in the Upper Basin and 1.3 maf in the Lower Basin
- Inflows are highly variable from yearto-year
- 60 maf of storage (nearly 4-times the average annual inflow)
- Operations and water deliveries governed by the "Law of the River"



Natural Flow Colorado River at Lees Ferry Gaging Station, Arizona Water Year 1906 to 2017



State of the System (Water Years 1999-2017)^{1,2}



¹Values for Water Year 2017 are projected. Unregulated inflow is based on the latest CBRFC forecast dated March 15, 2017. Storage and percent capacity are based on the March 2017 24-Month Study.

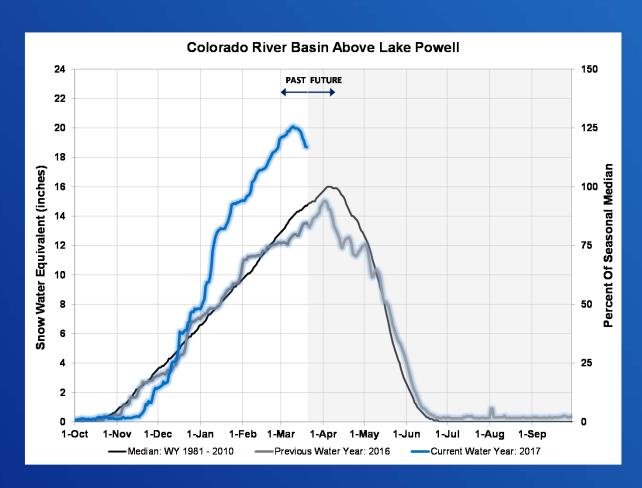
²Percentages at the top of the light blue bars represent percent of average unregulated inflow into Lake Powell for a given water year. The percent of average is based on the period of record from 1981-2010.

Water Year Snowpack and Precipitation as of March 20, 2017

Colorado River Basin above Lake Powell

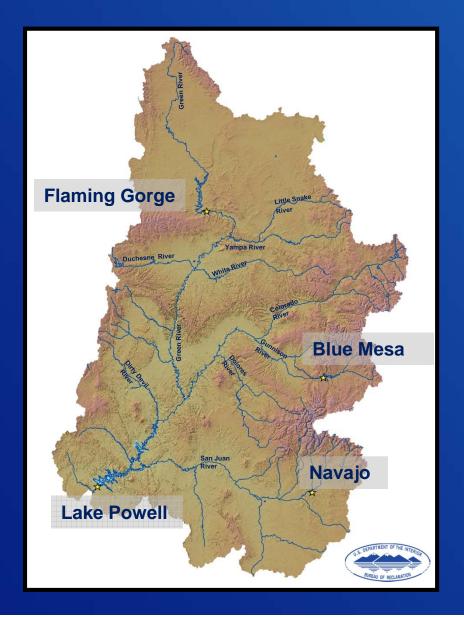
Water Year 2017
Precipitation
(year-to-date)
123% of average

Current Snowpack 128% of median



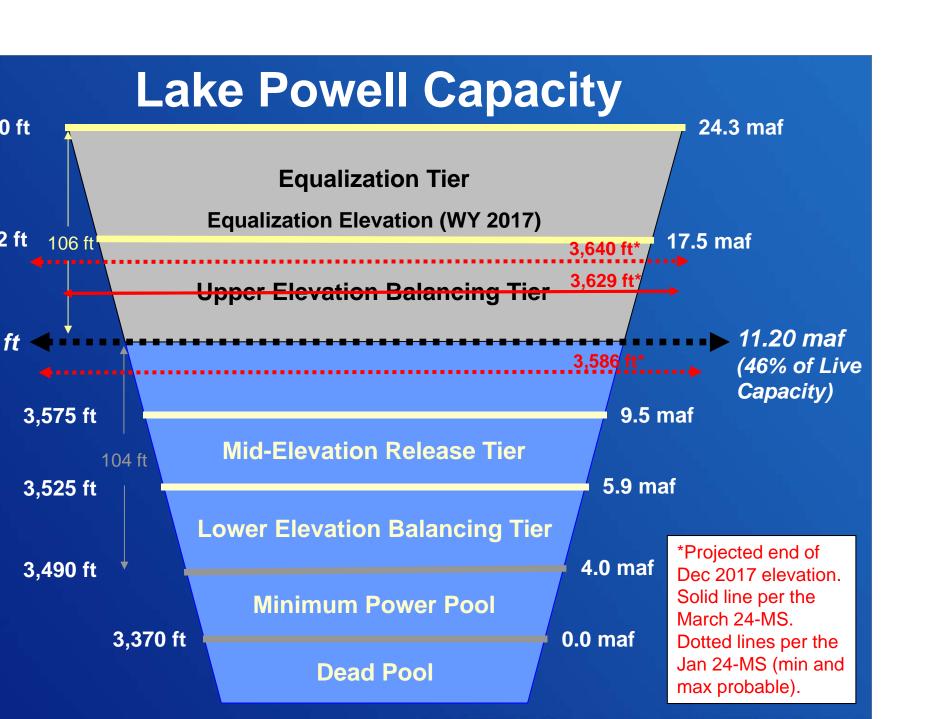


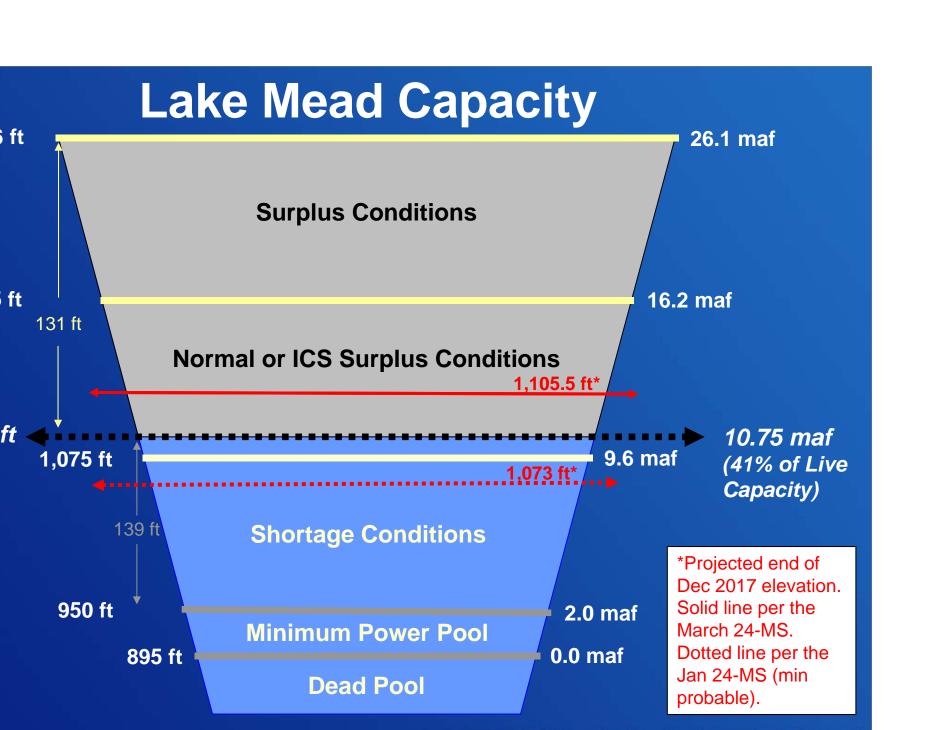
CBRFC Upper Colorado April-July Inflow Forecast dated March 15, 2017



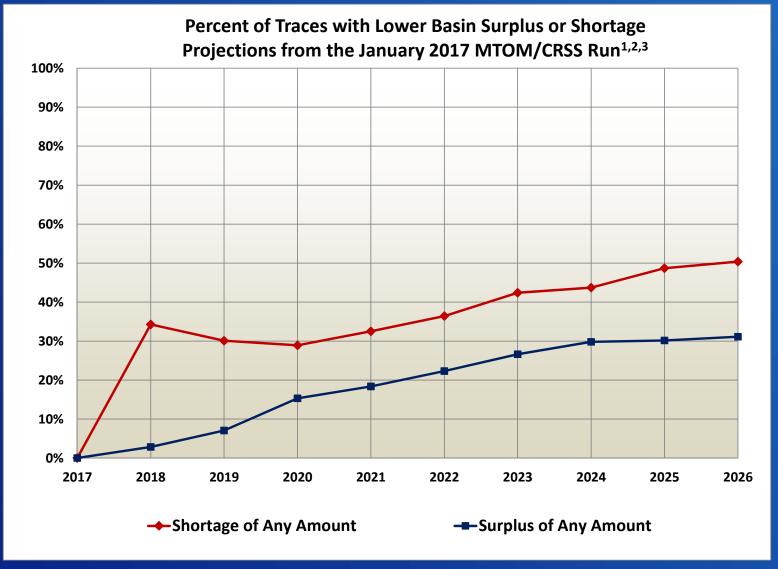
Reservoir	2017 April-July Inflow Forecast ¹ (percent of average)
Flaming Gorge	222
Blue Mesa	136
Navajo	103
Lake Powell	138

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



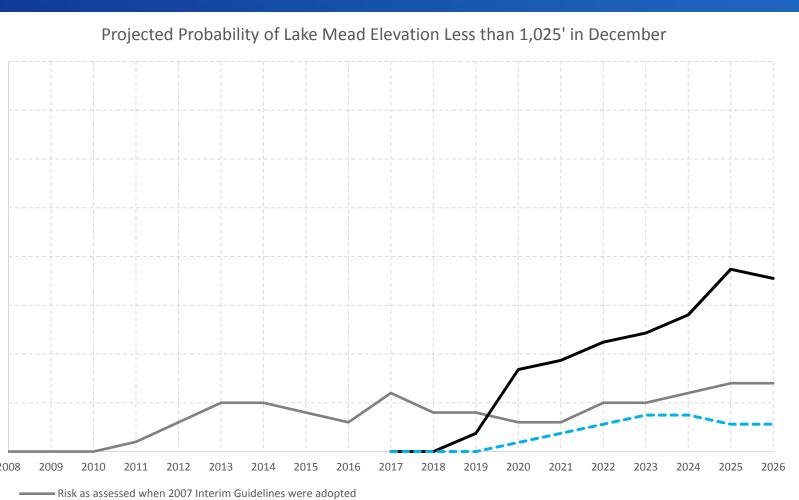


wer Basin Surplus & Shortage through 2026





sk of Lake Mead Reaching Critically Low evations With LB DCP, DCP+, and Minute 32x



Adjusted current risk assessment as of January 2017 assuming implementation of Lower Basin Drought Contingency Plan, DCP+, and Minute 32x

Comparative current risk assessment as of January 2017 based on full historical hydrologic record

