

Technical Work Group Chair Report

Adaptive Management Work Group Meeting

August 19, 2021

Seth Shanahan

TWG Chairperson

Meetings

- Past

- June 16-17, 2021

- Future

- October 13-14, 2021
- January 11-13, 2022 - TWG and AR (in-person?)

Items Reported Elsewhere on AMWG Agenda

- Basin hydrology and operations
- Budget and work plan
- Potential experimental and management actions in the next 12 months and recent actions
- Science updates
- Monitoring metrics

Glen Canyon Dam Adaptive Management Program Adaptive Management Work Group Meeting, August 18-19, 2021

Wednesday, August 18, 2021

Day 1 Webinar Information:


<https://rac.webex.com/j.php?MTID=md09fda69eaf89ab35603d64093a020cd>

Telephone: 415-527-5035 Meeting Number: 199 214 8305 Password: Aug18

DRAFT AGENDA

START TIME ¹ (Duration)	Wednesday, August 18, 2021 Topic and Presenter and Purpose ²
8:30 PDT/ 9:30 MDT (:45)	<p>Welcome and Administrative Updates: Wayne Pullan, Secretary's Designee to the Adaptive Management Work Group (AMWG) and Mike Harty, Facilitator to the AMWG</p> <ul style="list-style-type: none"> • Webinar Protocols • Introductions and Determination of Quorum (13 members) • Approval of May 19, 2021 Meeting Minutes • Administrative Updates <ul style="list-style-type: none"> ○ E.O.s and S.O.s ○ Nominations and Reappointments ○ Action Item Tracking Report <p>Additional Information: 1) Member Status Summary 2) Action Item Tracking Report</p>
9:15 PDT/ 10:15 MDT (:15)	<p>FY 2021 Program Accomplishments and FY 2022 Outlook: Lee Traynham, Adaptive Management Group Chief, Bureau of Reclamation</p> <ul style="list-style-type: none"> • Presentation (10 minutes) • Q&A and discussion (5 minutes) <p>Additional Information: 1) AMWG Charter 2) Humpback shub Purpose: To provide information regarding GCDAMP accomplishments in FY 2021 and priorities for FY 2022 including compliance actions, staffing, and budget prioritization.</p>
9:30 PDT/ 10:30 MDT (:30)	<p>Proposed Rule for Downlisting Razorback Sucker: Julie Stahlh, Jessica Gwinn, and Kevin McAbee, U.S. Fish and Wildlife Service</p> <ul style="list-style-type: none"> • Presentation (20 minutes) • Q&A and discussion (10 minutes) <p>Additional Information: 1) Proposed downlisting ERN Purpose: To share information about the recently published 4(d) rule for the proposed downlisting of razorback sucker.</p>
10:00 PDT/ 11:00 MDT (:15)	BREAK


Google Results For "Lake Powell" News


 High Country News

Climate change sinks Lake Powell, local rec industry

The water line has dropped to historic lows, and house boats are at risk of being marooned.

3 days ago





 NBC News

'Megadrought' threatens Lake Powell, Glen Canyon Dam

Lake Powell and the Glen Canyon Dam are integral to the water and power systems in the Western United States, and the deep drought in the ...

2 days ago





 Las Vegas Review-Journal

Declining Lake Powell water level sparks concern in Arizona town

PAGE, Ariz. — The signs of drought appear almost immediately on the way to Lake Powell's Wahweap Bay. Rocks that were once underwater now ...

1 day ago





 Lake Powell Life

Senator Kelly Speaks Up About Lake Powell Issues

During a hearing of the Senate Subcommittee on National Parks, Arizona Senator Mark Kelly discussed the impact that declining water levels ...

21 hours ago




 Lake Powell Life

NPS: Wahweap Main Boat Ramp Expected to Close Soon

Predicted Closure of Wahweap Main Launch Ramp. Wahweap Auxiliary Ramp Will Provide Temporary Access. PAGE, AZ – Lake Powell boaters are ...

21 hours ago




 CNN

Lake Powell hits lowest level on record in climate change-fueled water crisis

Plagued by climate change-fueled drought and increasing demand for water, Lake Powell, the second largest reservoir in the United States, ...

6 days ago




 The Washington Post

Great Salt Lake and Lake Powell reach record-low water levels

The water levels of two major water bodies — including a major reservoir — have reached historic lows in recent days amid extreme drought ...

5 days ago



 Arizona Daily Star

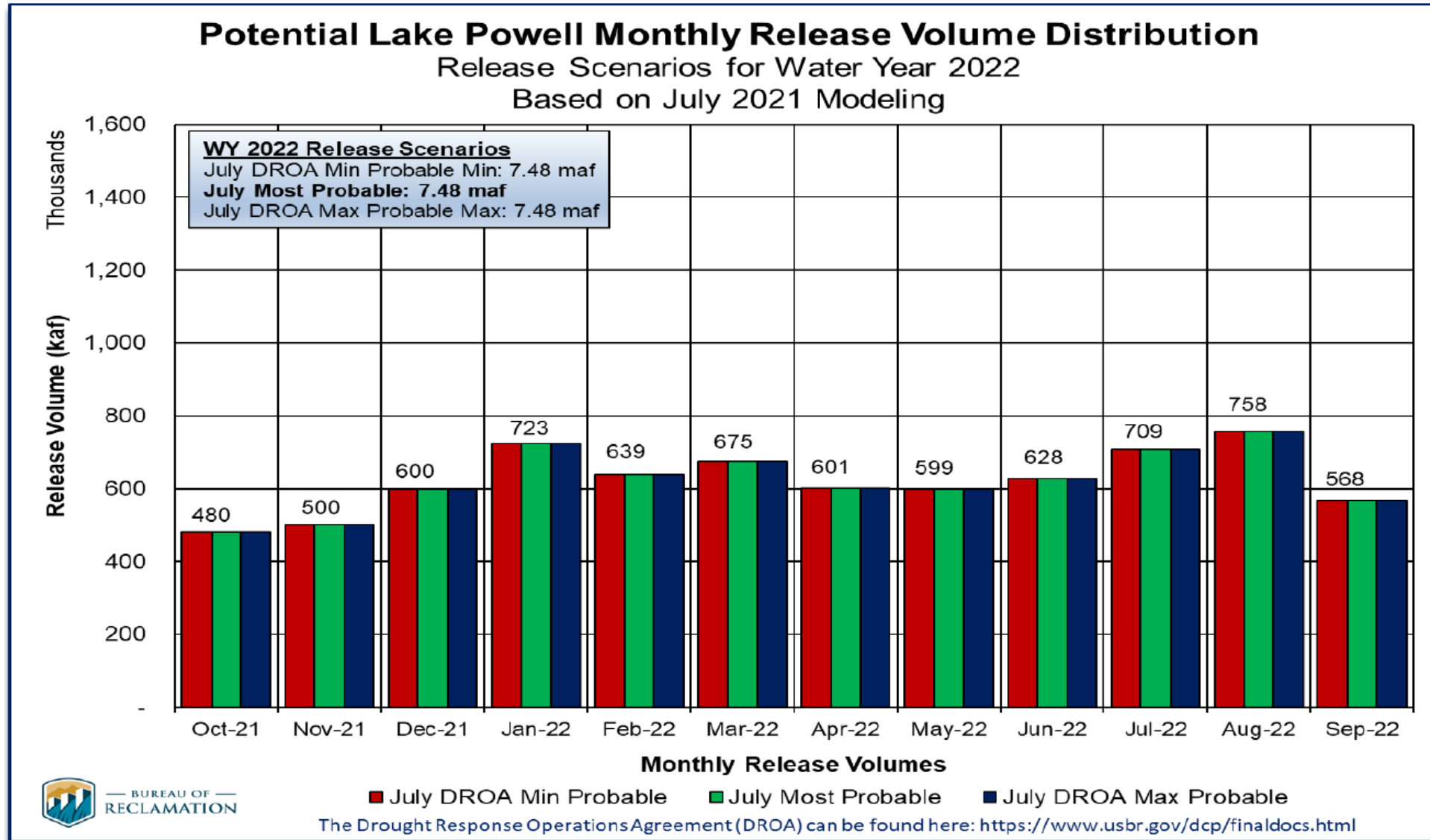
Feds will prop up Lake Powell as it hits record low elevation

With water levels falling rapidly at Lake Powell on the Arizona-Utah border, federal officials are taking what could be the first of several ...

1 week ago



WY22 Potential Monthly Release Volumes



Pearce Ferry Rapid as a Fish Barrier



2016 LTEMP BO – Fish Passage

- Reclamation would pursue means of preventing the passage of deleterious invasive nonnative fish through Glen Canyon Dam. Because Glen Canyon Dam release temperatures are expected to be warmer under low reservoir elevations that may occur through the LTEMP period, options to hinder expansion of warmwater nonnative fishes into Glen and Grand Canyons would be evaluated. Potential options to minimize or eliminate passage through the turbine or bypass intakes, or minimize survival of nonnative fish that pass through the dam would be assessed (flows, provide cold water, other). While feasible options may not currently exist, technology may be developed during the LTEMP period that could help achieve this goal.

2016 LTEMP BO – Temperature Control

- Reclamation would explore the efficacy of a temperature control device at the dam to respond to potential extremes in hydrological conditions due to climate conditions that could result in nonnative fish establishment. Evaluations would be ongoing for all current and evolving technological advances that could provide for warming and cooling the river in both high- and low-flow discharge scenarios, and high and low reservoir levels. These studies should include evaluating and pursuing new technologies, an analysis of the feasibility, and a risk assessment and cost analysis for any potential solutions.

Other Items at the April TWG Meeting

- Spring overflight
- Spring Disturbance Flow
- Rainbow and brown trout captures in Lees Ferry
- Systemwide fish monitoring
- Incentivized harvest program
- BO conservation measures and triggers for HBC

Future TWG Agenda Items

- Monitoring metrics
- Western and indigenous world views
- Temp. control and fish passage
- Tier 1 conservation actions status; revised triggers
- Power purchase costs – bug flows
- Trout Management Flow white paper
- Changes in the Little Colorado River
- Pikeminnow feasibility study report
- Drought and climate change
- Budget prioritization criteria
- Annual Reporting Meeting prep.