



— BUREAU OF —
RECLAMATION

Upper Colorado Basin

Wayne Pullan, Deputy Regional Director

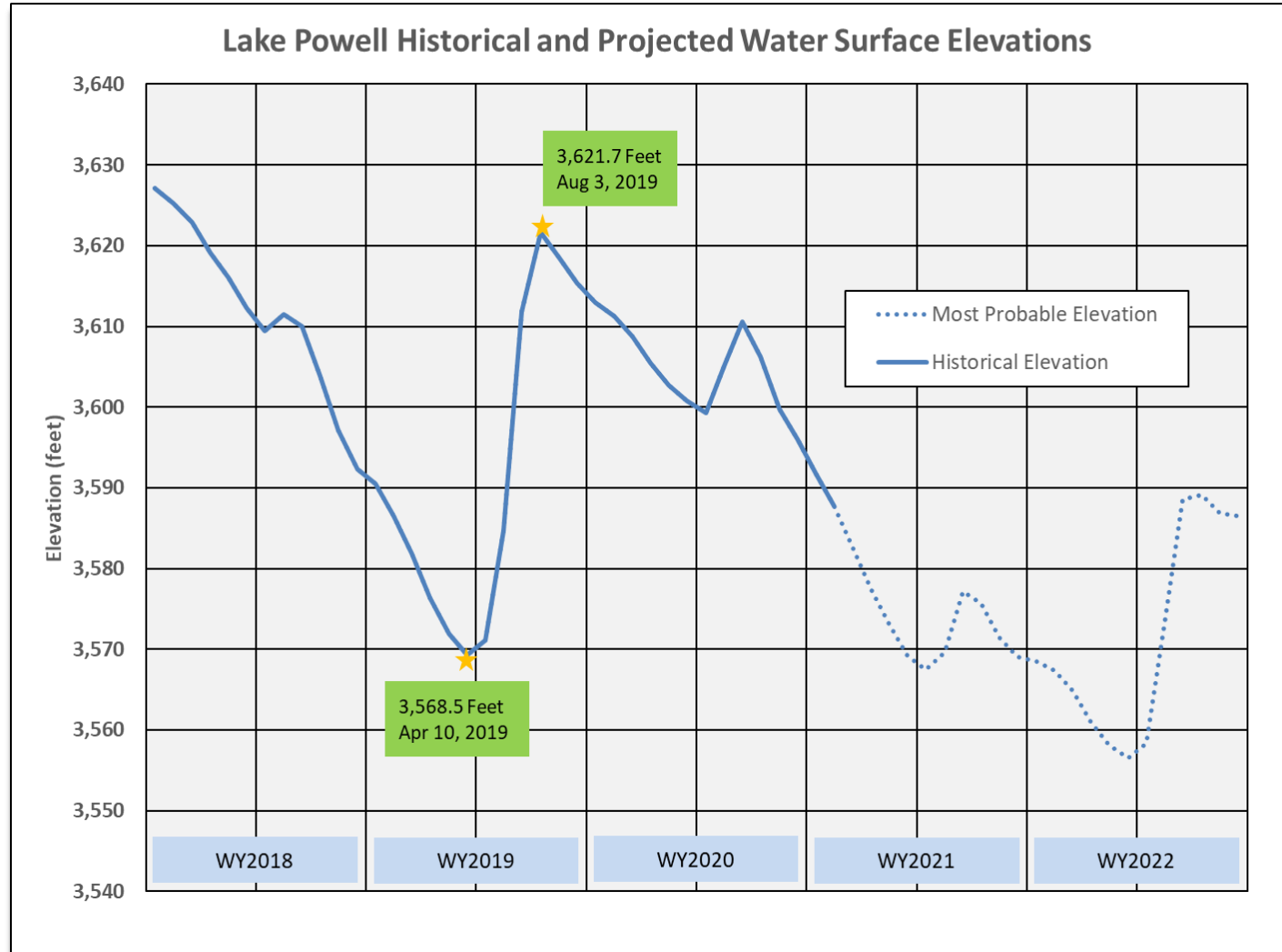
291st Meeting of the Upper Colorado River Commission

December 14, 2020

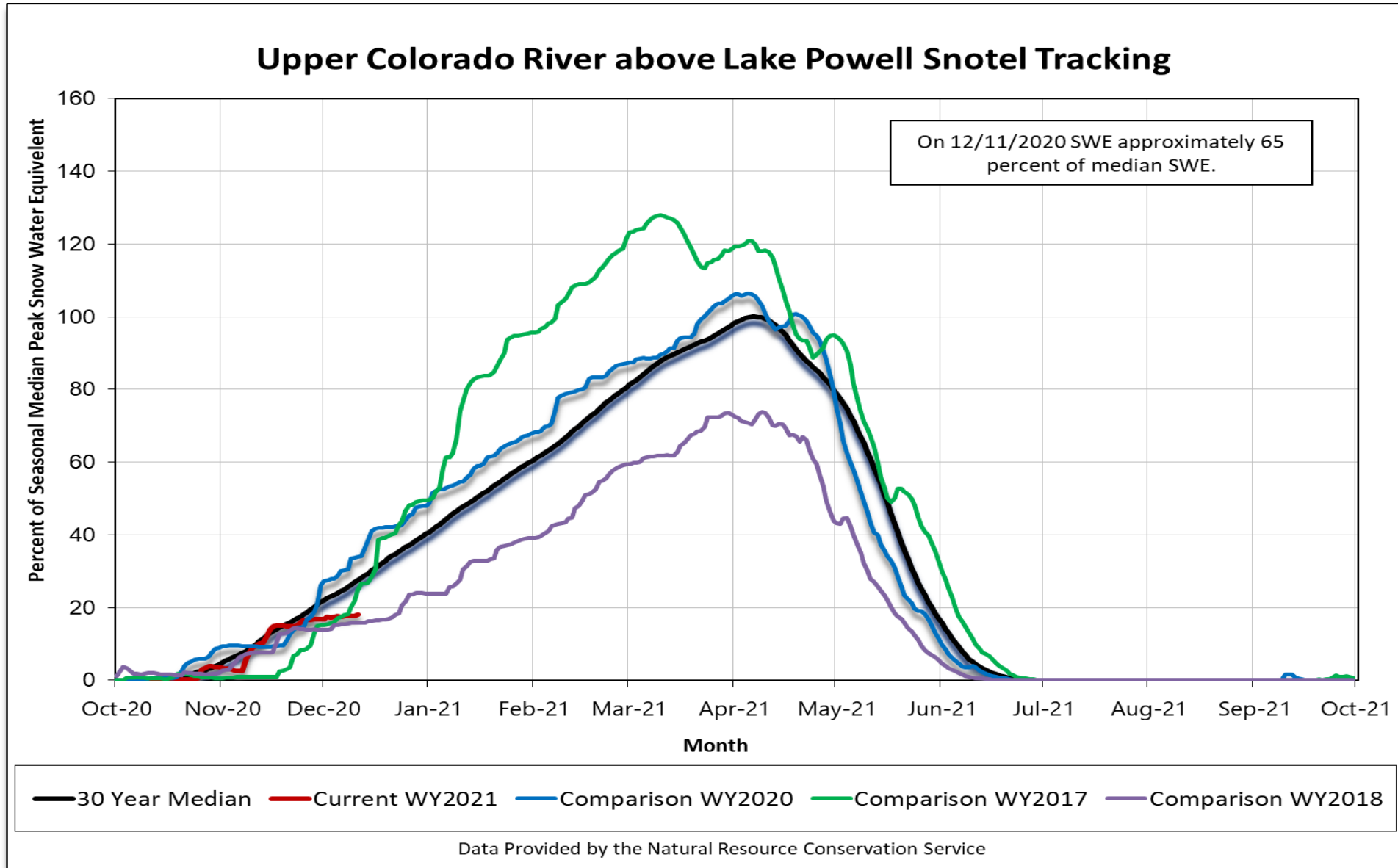
9 A.M. – 12 P.M.

Via Zoom Webinar

Upper Colorado Basin Hydrology



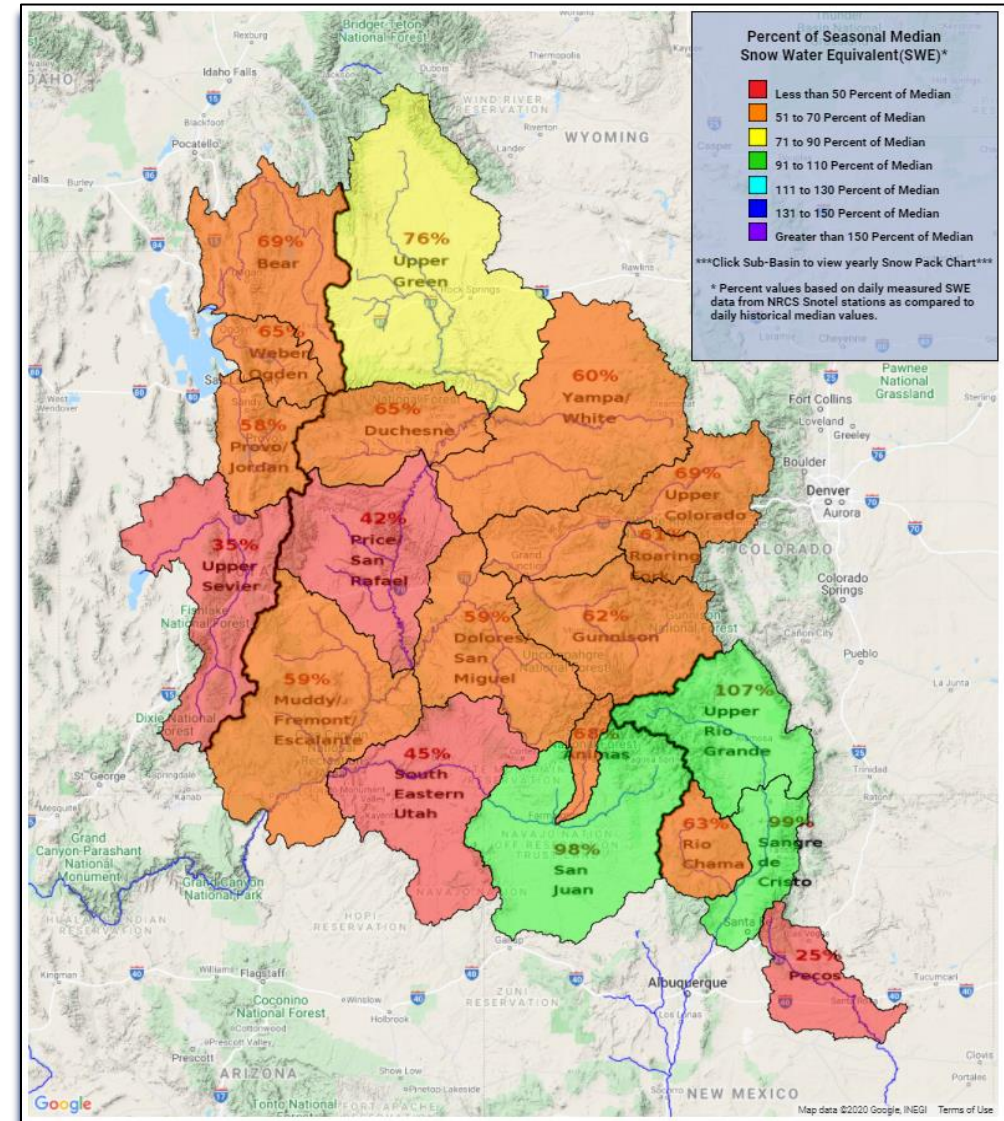
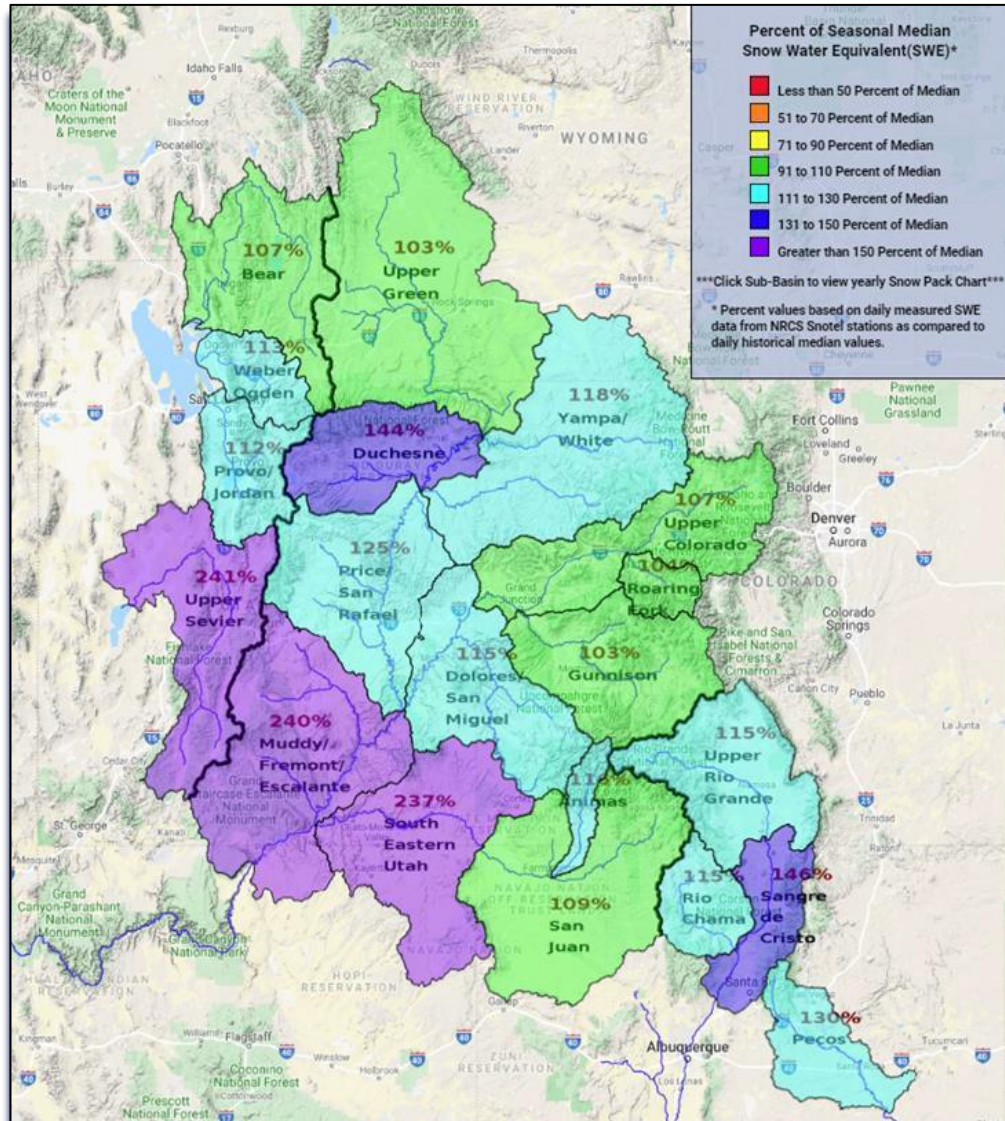
UC Basin Snowpack Accumulation



Snow Water Equivalent (SWE)

December 2019

December 2020



Provo – North Fork Siphon



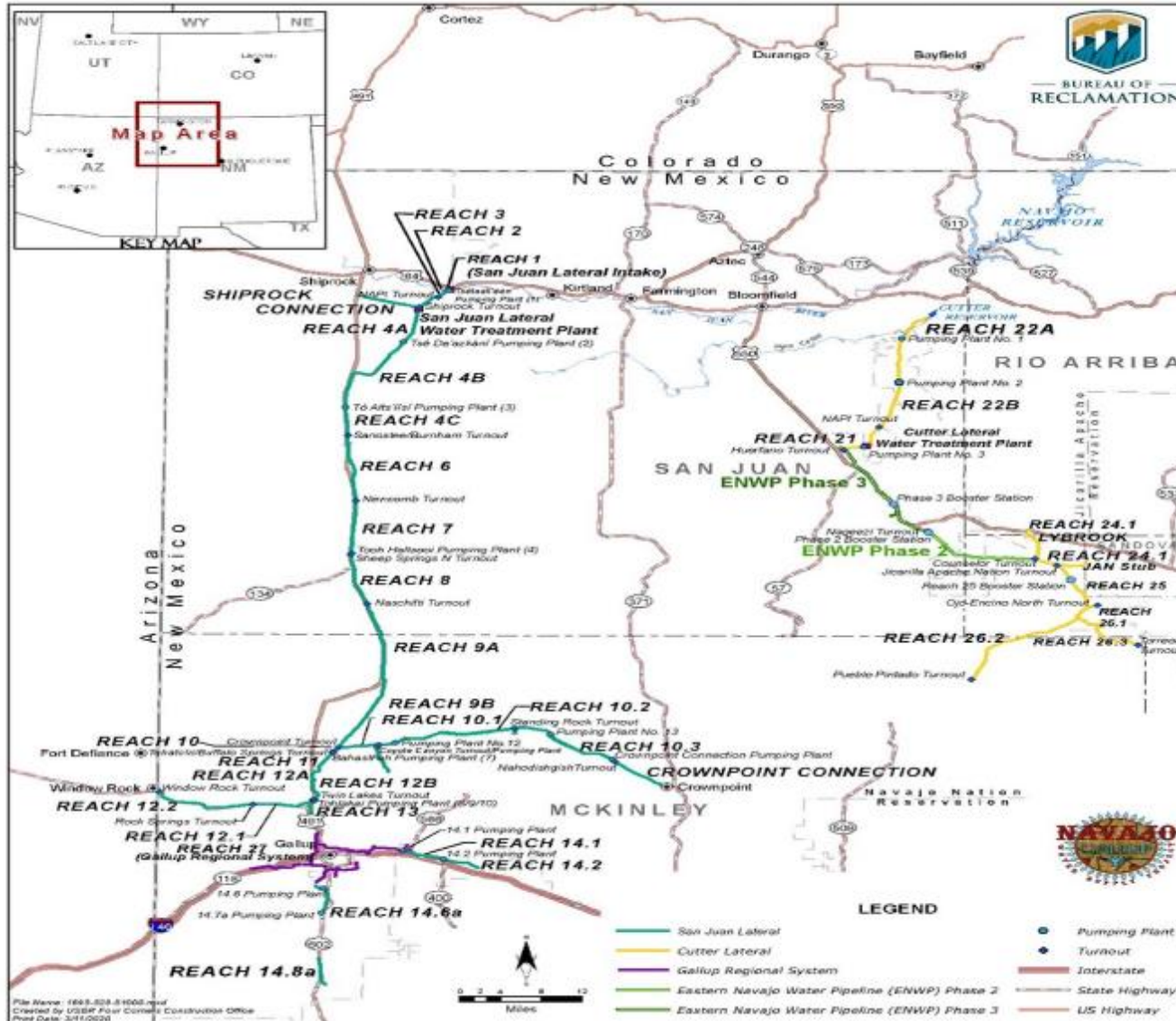
North Fork Siphon Construction Challenges



2016 Navajo Indian Irrigation Project Siphon Failure



Indian Water Rights Settlements



Navajo-Gallup Water Supply Project: Cutter Lateral



Utah Navajo Water Rights Settlement



Glen Canyon Dam Adaptive Management Program & Adaptive Management Work Group

- Interior's Strategic Guidance Memo August 2019
- AMWG Membership
- AMWG Charter Renewal – Due Sep 2021
- GCDAMP Budget and Funding
- LTEMP Litigation



Potential LTEMP Flow Experiments - WY 2021

GCD Experimental Flow	Duration	Implementation Window
Fall HFE	up to 96 hours	October – November
Extended Duration Fall HFE	97–192* or 97–250 hours***	October – November
Spring HFE ^Δ	up to 96 hours	March – April
Proactive Spring HFE^{Δ◇}	24 hours**	April – June
Trout Management Flows	up to 3 cycles/month for 4 months	May – August
Macroinvertebrate Flows	target 2-3 replicates	May – August

* First test not to exceed 192 hours

** First test 24 hours

*** After first test, up to 250 hours

Δ no Spring HFE in same WY as extended duration Fall HFE

◇ no proactive Spring HFE in same WY as sediment-driven Spring HFE

LTEMP: Other Potential FY2021 Flows

- Apron Repair + Spring Disturbance Flow Test (March)
- Release reduction for Overflight (steady 8,000 cfs for 5 days in May)



Colorado River Environmental Programs Funding (Long- Term)





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