



Colorado River Forecasting Service Fall 2017 Meeting November 16, 2017

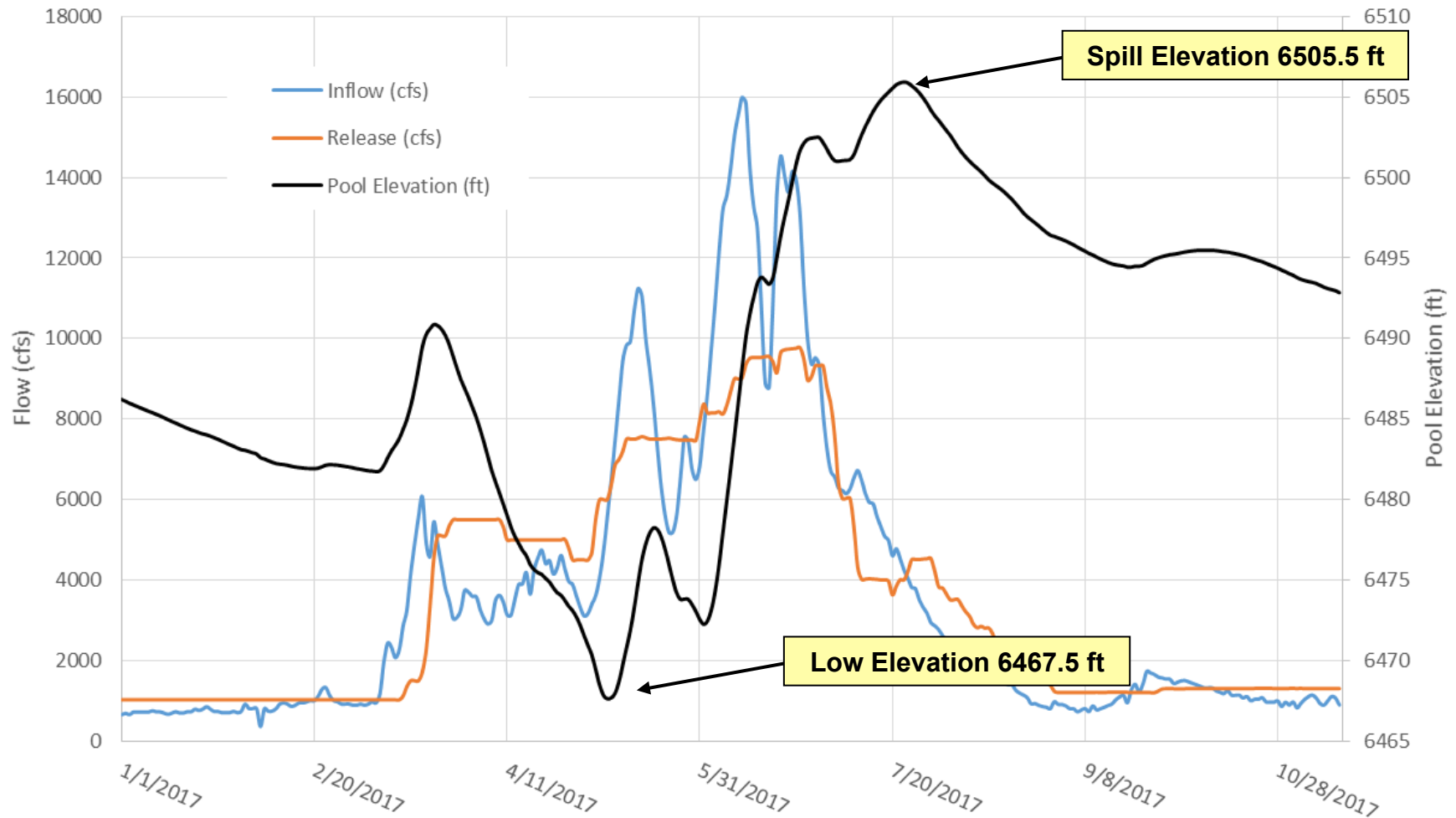
Fontenelle Operations Review

Jed Parker, P.E.
Upper Colorado Region

Presentation Overview

- Operations
 - Review of 2017 operations
 - Current status
 - Planned 2018 Operations
- Forecast related issues
 - Low elevation runoff
 - Streamflow forecast

2017 Review of Operations



RECLAMATION

Fontenelle Reservoir Current Status

Storage

Live capacity	345,000	AF
Capacity on 11/15/2017	<u>245,000</u> (71% full)	AF

Pool elevation

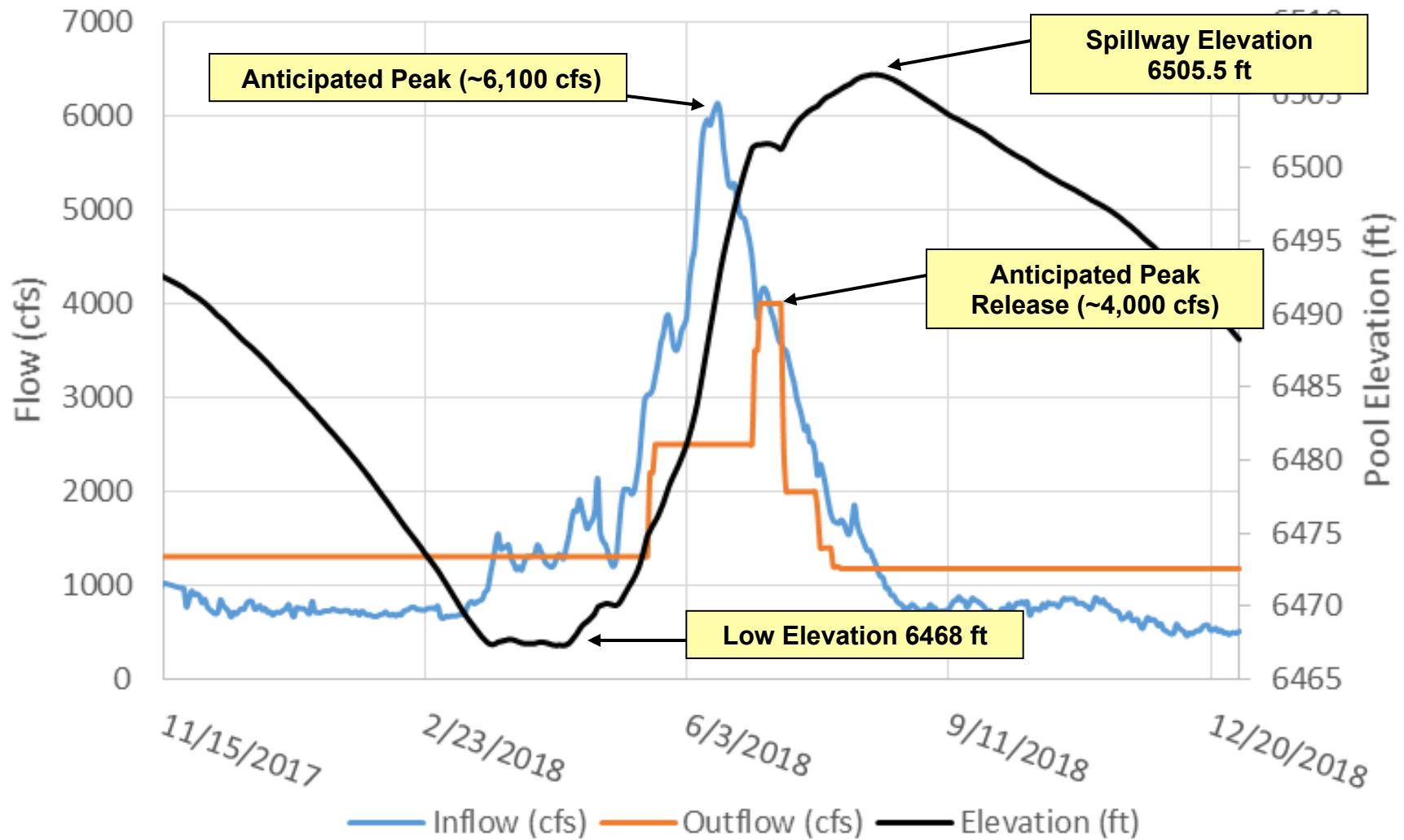
Reservoir elev. (Min)	6468.00	feet
Elevation on 11/15/2017	<u>6492.50</u>	feet
Elevation above (Min)	24.50	feet

Inflow and release

Average inflow	1,000	cfs
Average release	1,300	cfs

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2018 Anticipated Operations

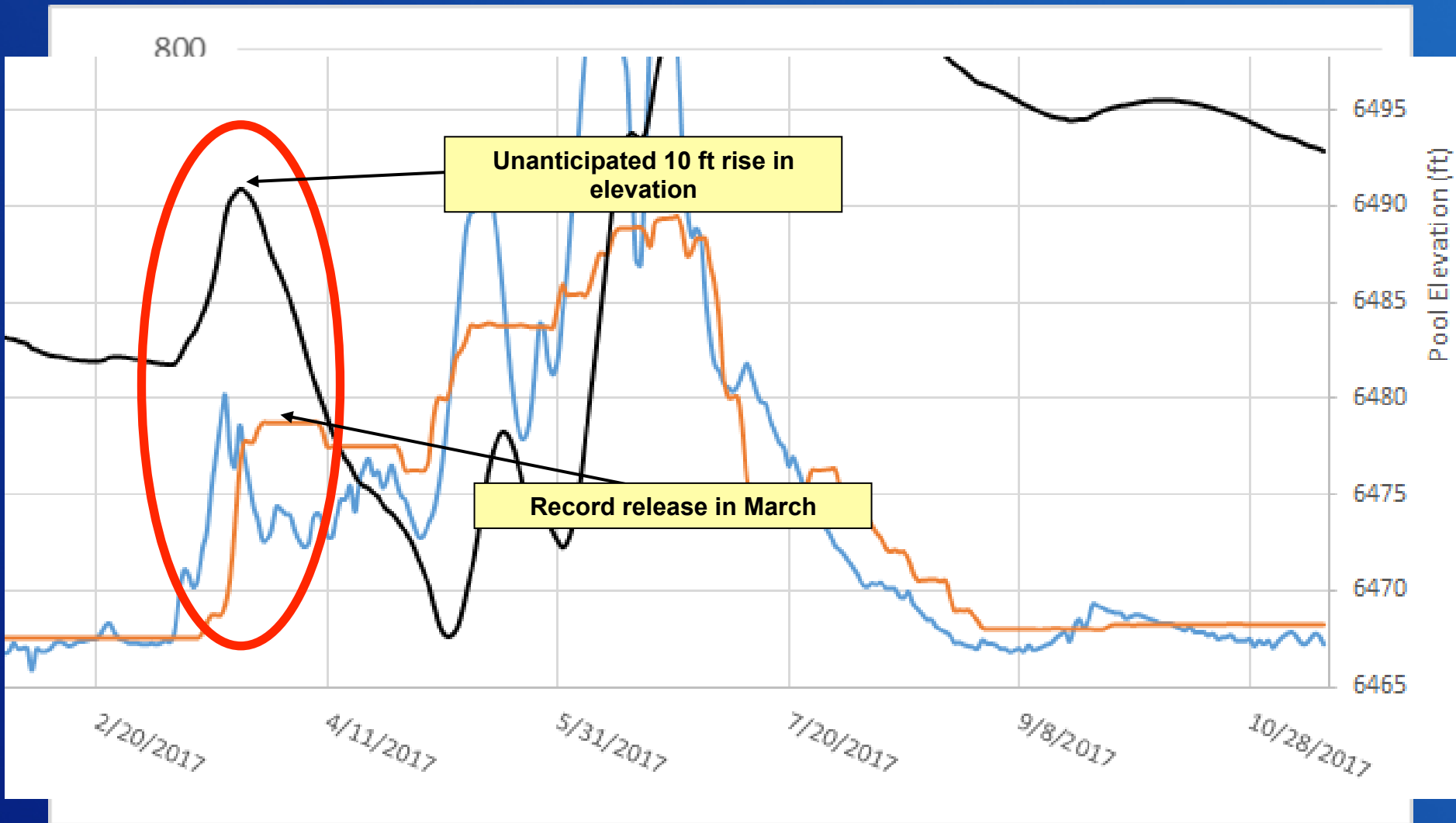


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Presentation Overview

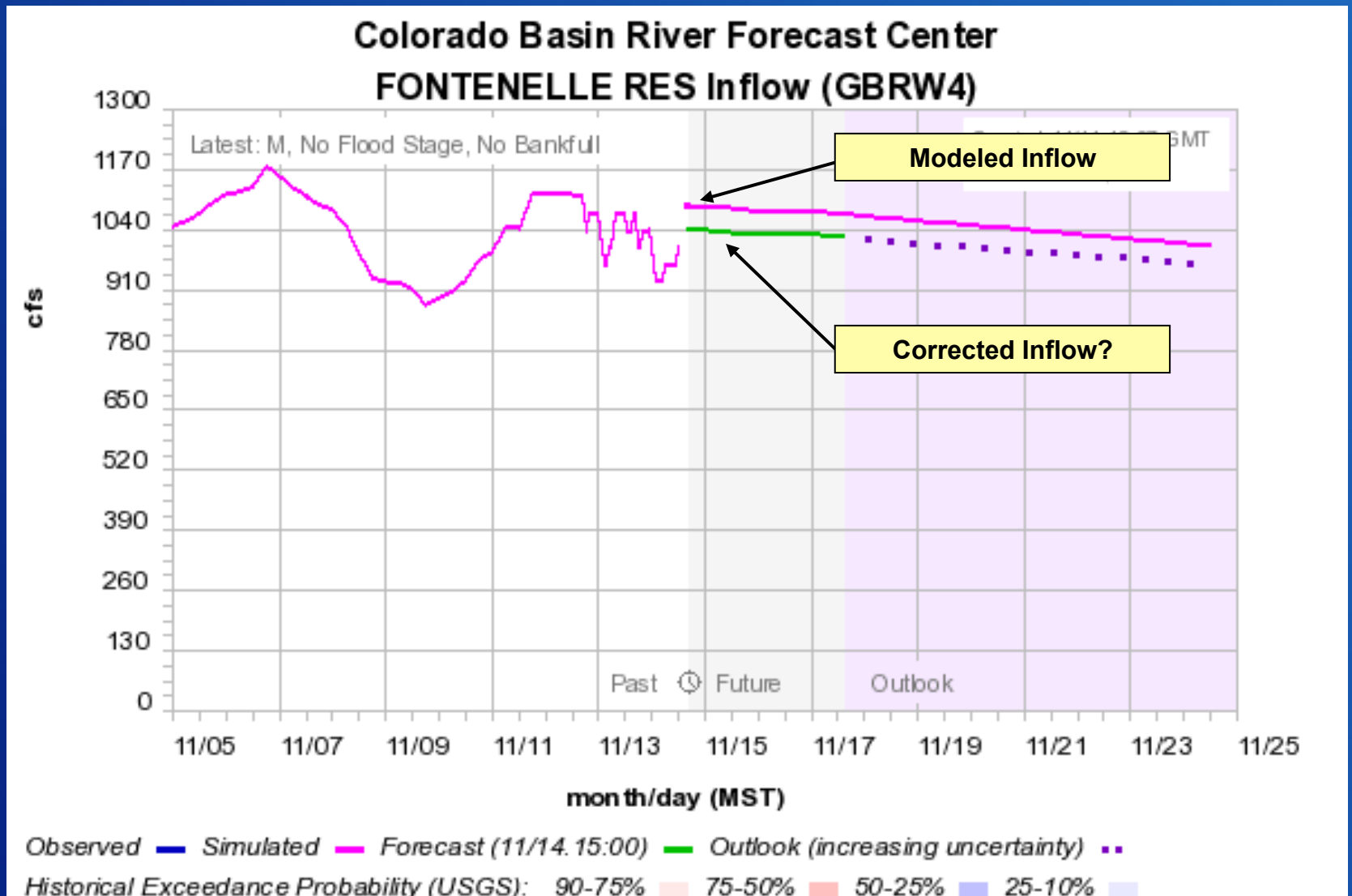
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2017 Monthly Inflow Forecasts



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Streamflow Forecast



RECLAMATION

Review

- Record snowpack above Fontenelle in WY 2017
 - April-July runoff of 1,719 KAF
 - Previous record April-July runoff of 1,680 KAF
- Peak release of 9,700 cfs
 - High elevation of 6506 ft, low elevation of 6467 ft
- Areas for improvement
 - Incorporating low-elevation snow into runoff forecasts
 - Increasing accuracy of streamflow predictions

A photograph of the Colorado River flowing through a dam structure. In the foreground, there is a chain-link fence with a concrete wall base. The river is turbulent and white with foam. In the background, there are green trees and a clear sky.

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Questions / Comments ?

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<https://www.usbr.gov/uc/water/crsp/cs/ftd.html>