

Upgrades to the Folsom Flood Support Application

April 17, 2023 CWEMF Annual Meeting Presenter: Mechele Pacheco (USBR) Collaborator: Drew Allan Loney (USBR)

Support Application

Automates

- Data acquisition
- Mass balance model
- Rule curve tradeoffs
- Ramping rates
- Ensemble and deterministic forecasts
- Python framework
- Continuous testing to ensure availability

Use Cases

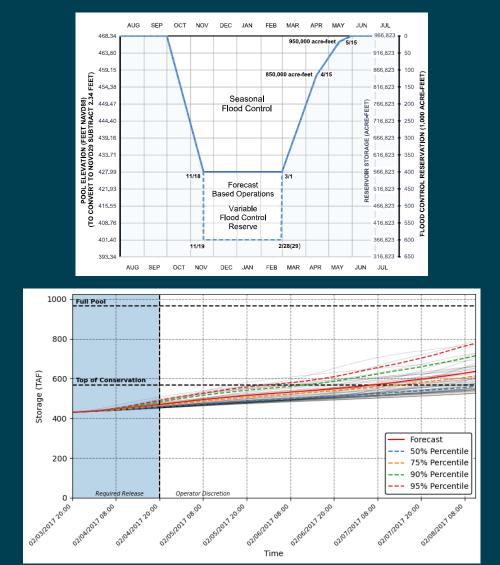
- Forecast Mode
- Training Reanalysis Mode

Instructions

- Specify releases
- Double click

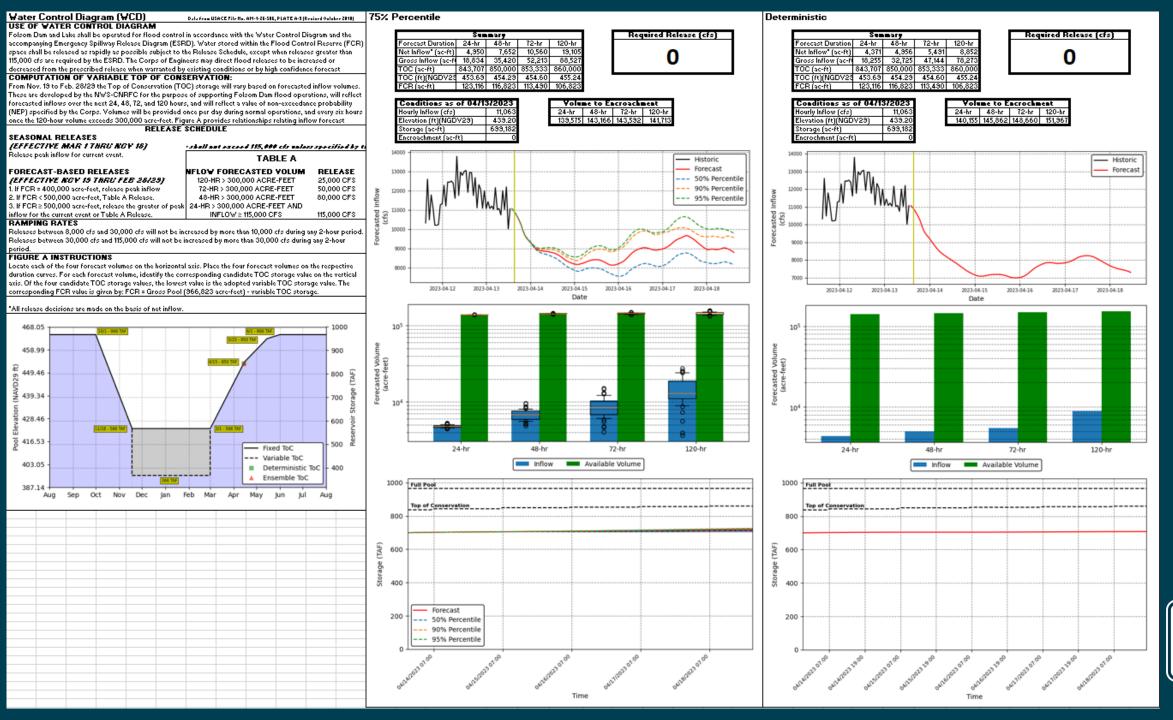


Upgrades



- Added support during the fixed top of conservation period (Mar 1st – Nov. 18th)
- Added a top of conservation plot with forecasted storage ensemble
- Added gross inflow to spreadsheet tables







Thank you!

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