



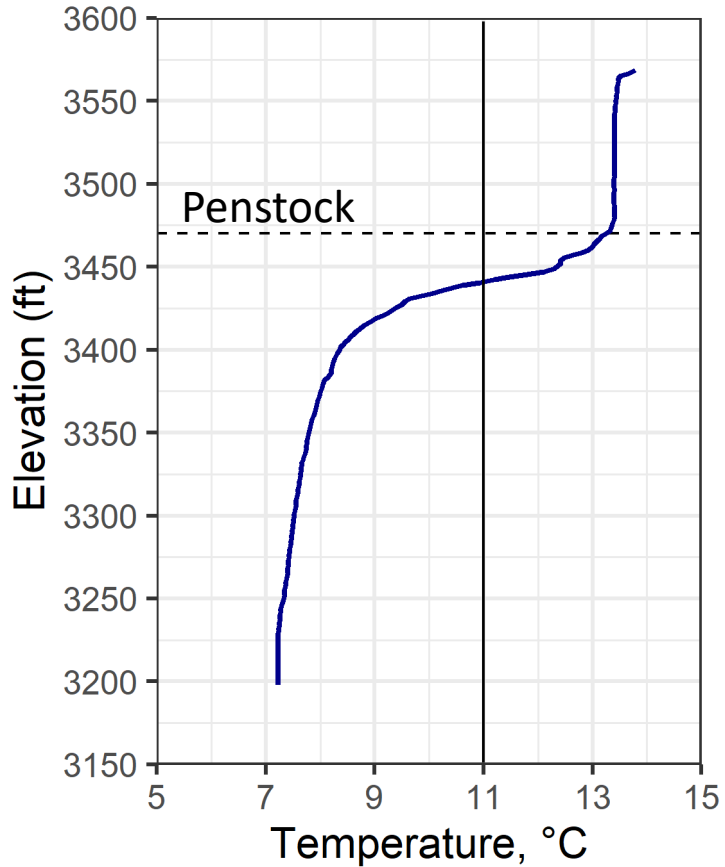
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RECLAMATION

Water Quality

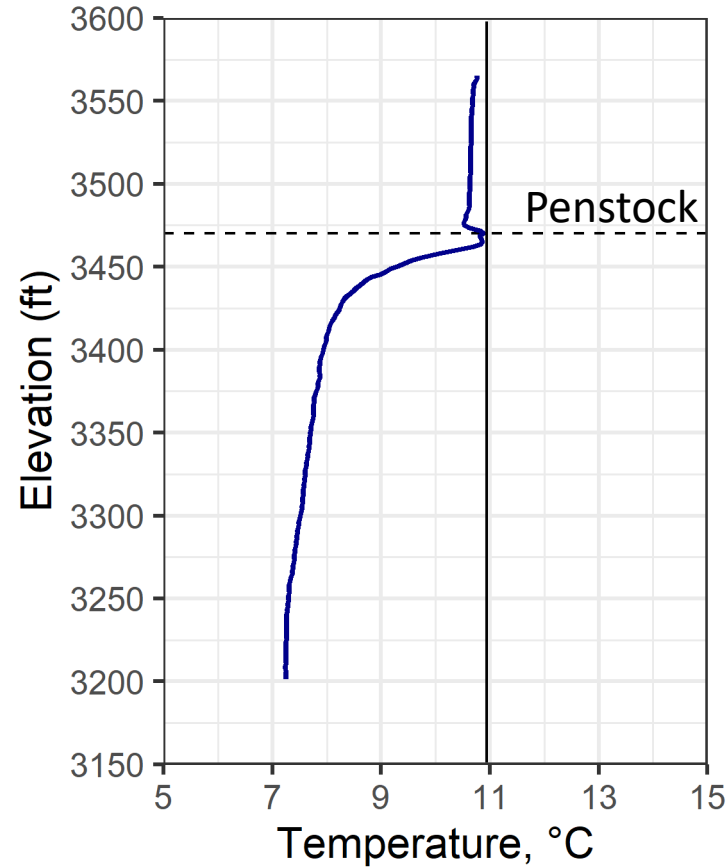
February 2024 AMWG Meeting

Observed Temp in Forebay near GCD

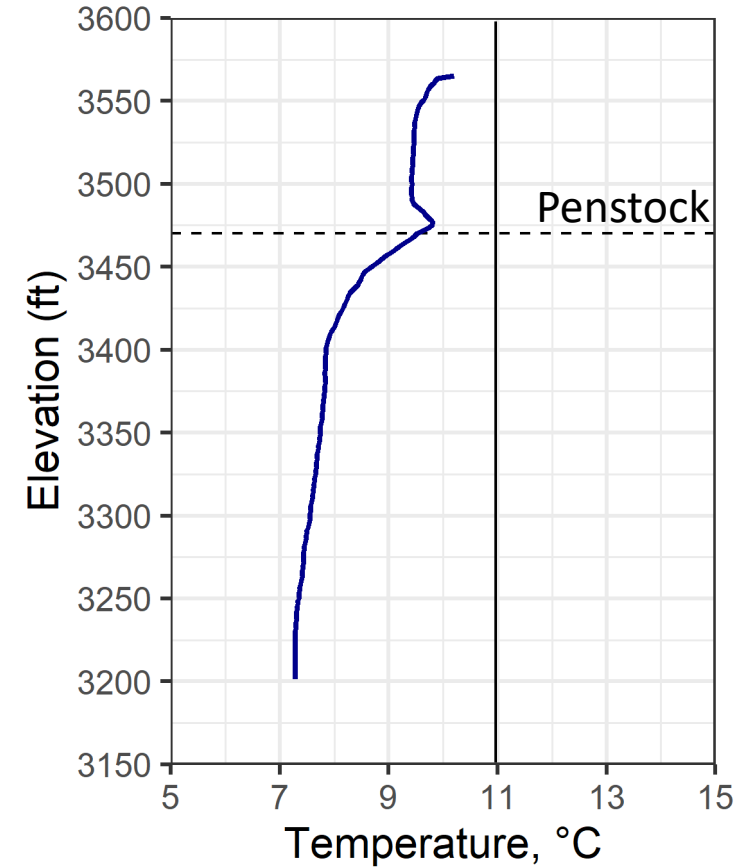
December 15, 2023



January 10, 2024



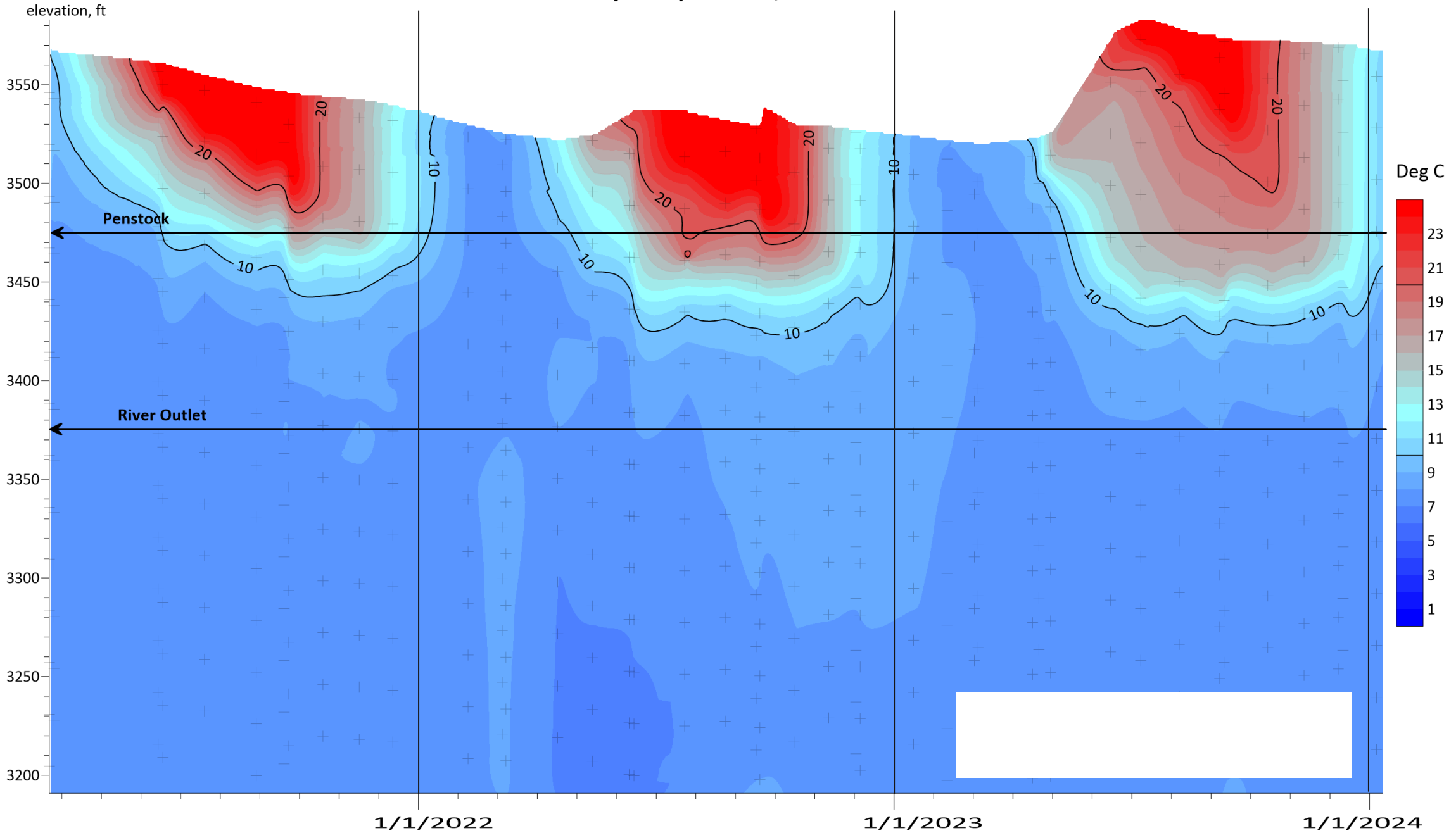
February 15, 2024



Reservoir continues to mix and temperatures become more homogenous



Lake Powell Forebay Temperature, March 2021 - Jan 2024



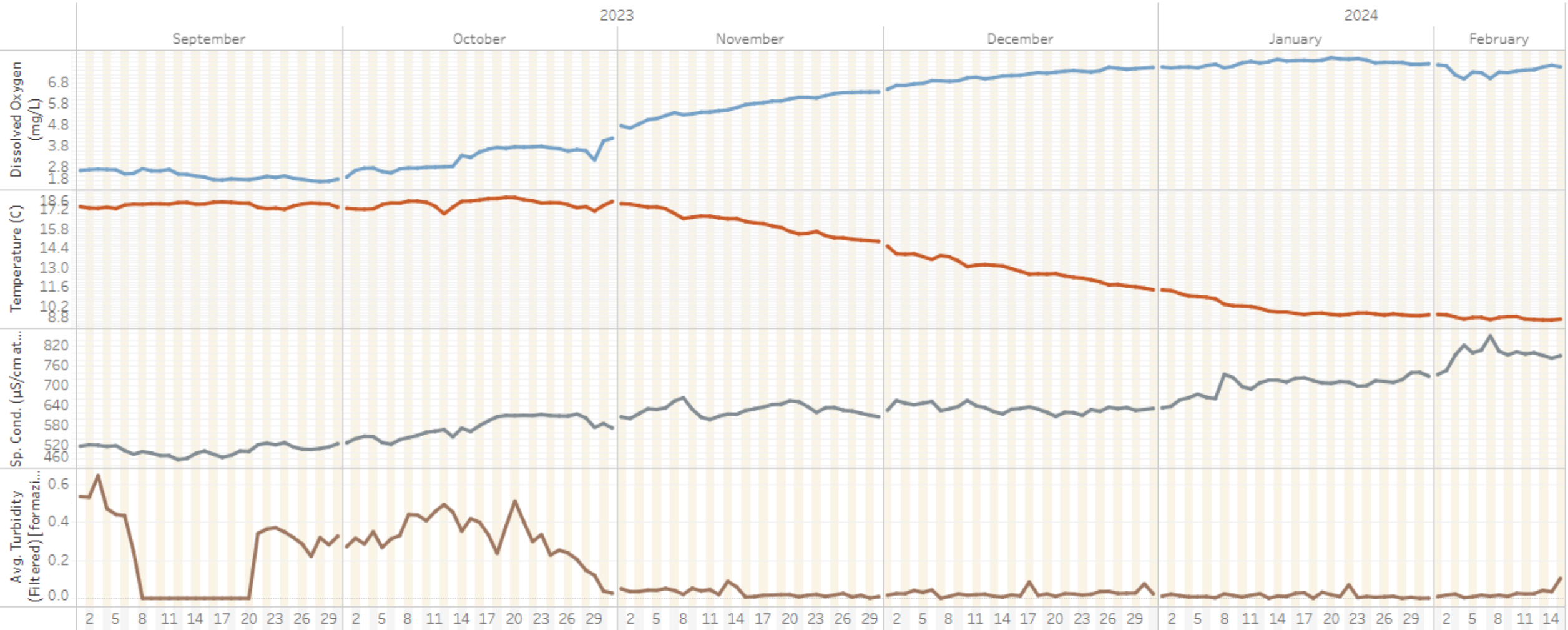
Glen Canyon Dam Site: Daily Averages

Select Date Range
 9/1/2023 — — 2/15/2024

[See Hourly Averages](#)



Daily Average Dissolved Oxygen, Temperature, Specific Conductance, and Turbidity Values



The water quality data shown here are filtered raw values and are subject to revision through quality control / quality assurance procedures. These data are being provided to meet the need for timely best science. The data have not received final approval by the U.S. Geological Survey (USGS) and are provided on the condition that neither the USGS nor the U.S. Government shall be held liable for any damages resulting from the authorized or unauthorized use of the data. Please visit GCMRC's Discharge, Sediment and Water Quality web site to plot or download the processed measurements from this station: https://www.gcmrc.gov/discharge_qw_sediment/station/GCDAMP/09379901

Changes to GCD Water Quality Model

- The Water Quality Group is transitioning to a new version of the Lake Powell CE-QUAL-W2 model
- Concurrently, re-evaluating modeling process with the goal of improving projection accuracy
- Expect the updated LP WQ model to be implemented for the March call



Questions?
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