

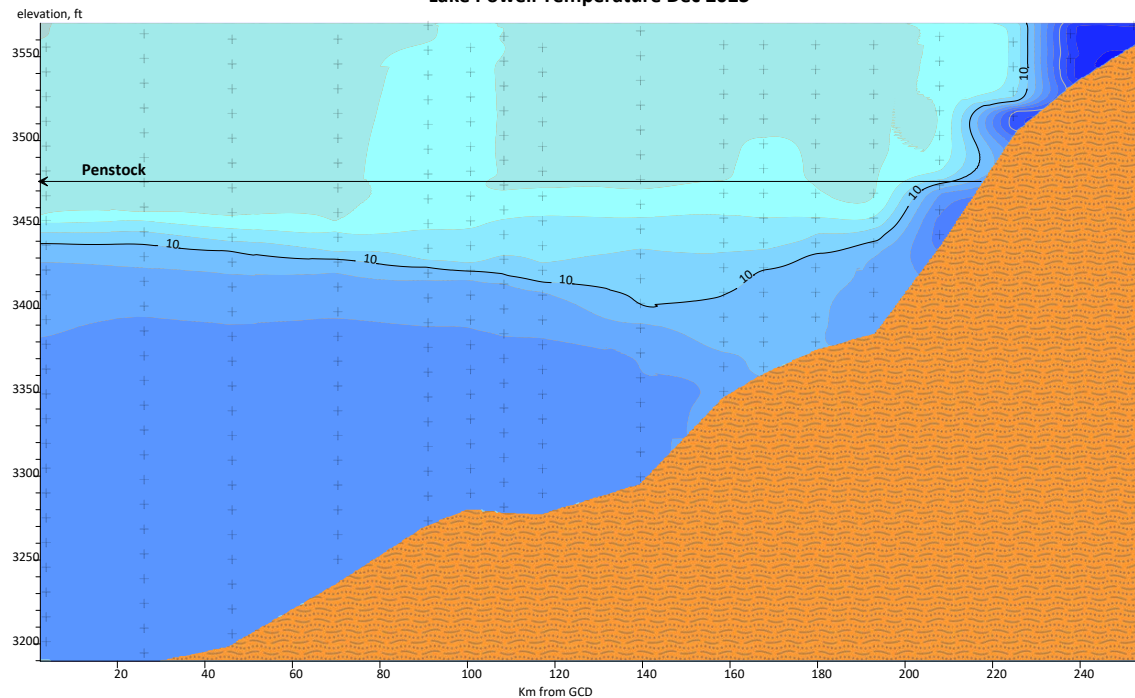
# Water Quality Conditions in Lake Powell and below Glen Canyon Dam



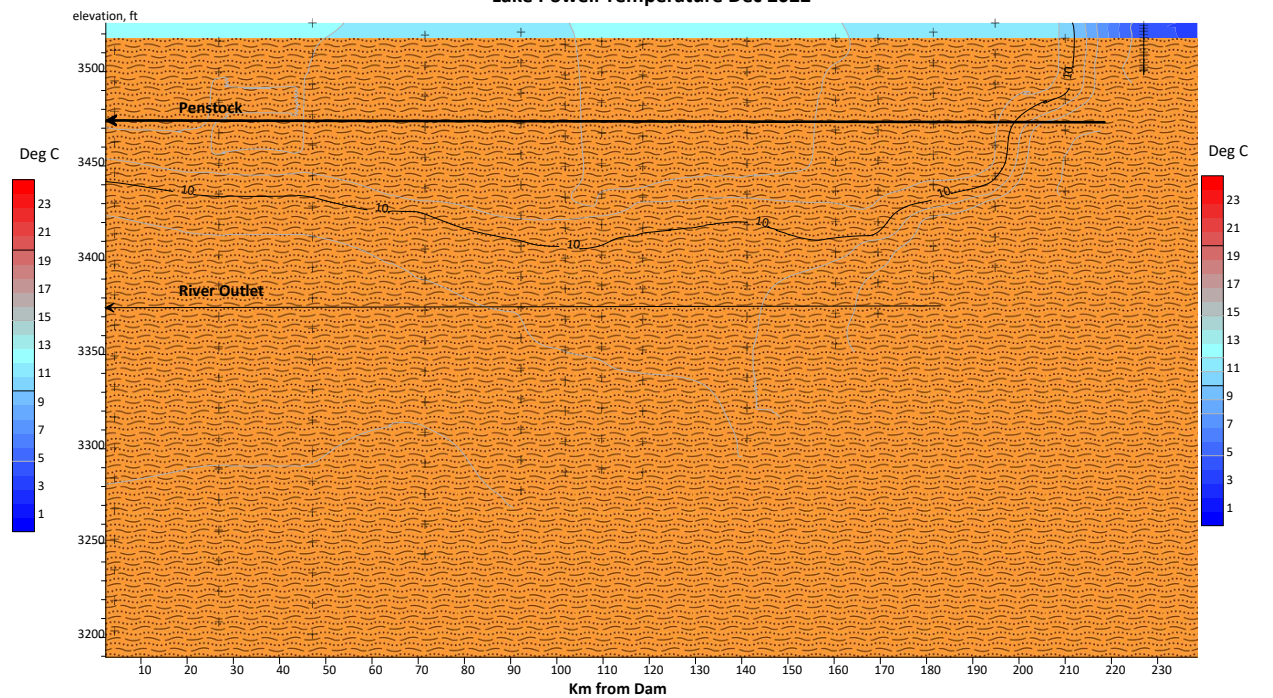
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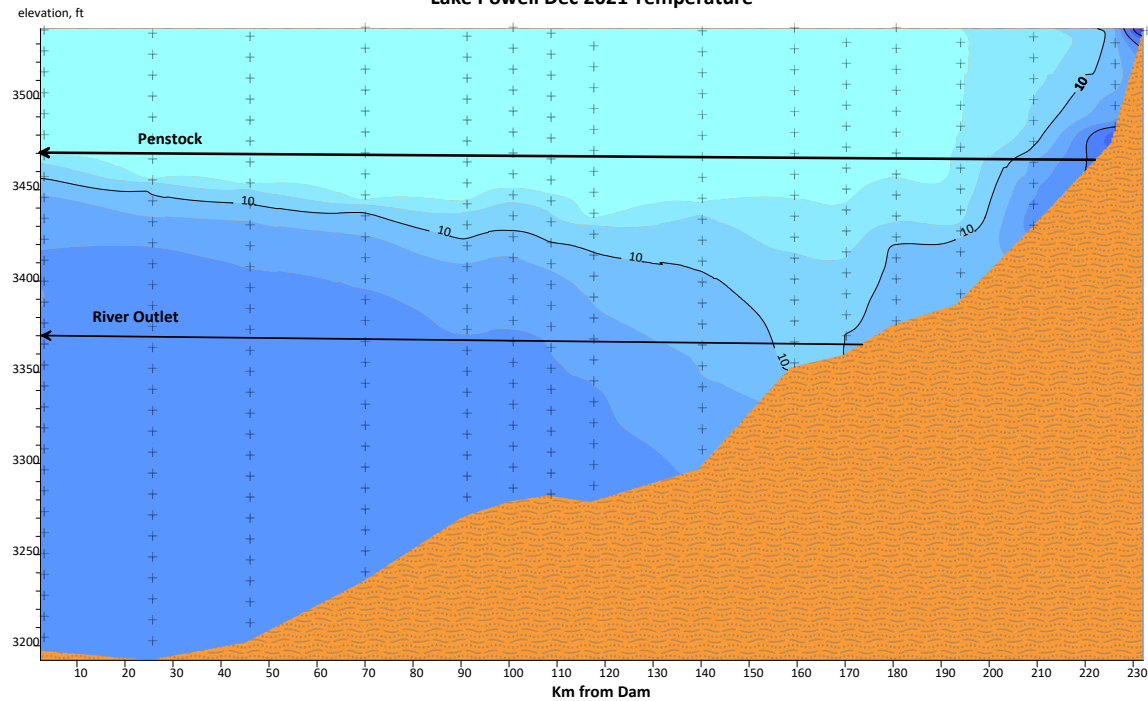
## Lake Powell Temperature Dec 2023



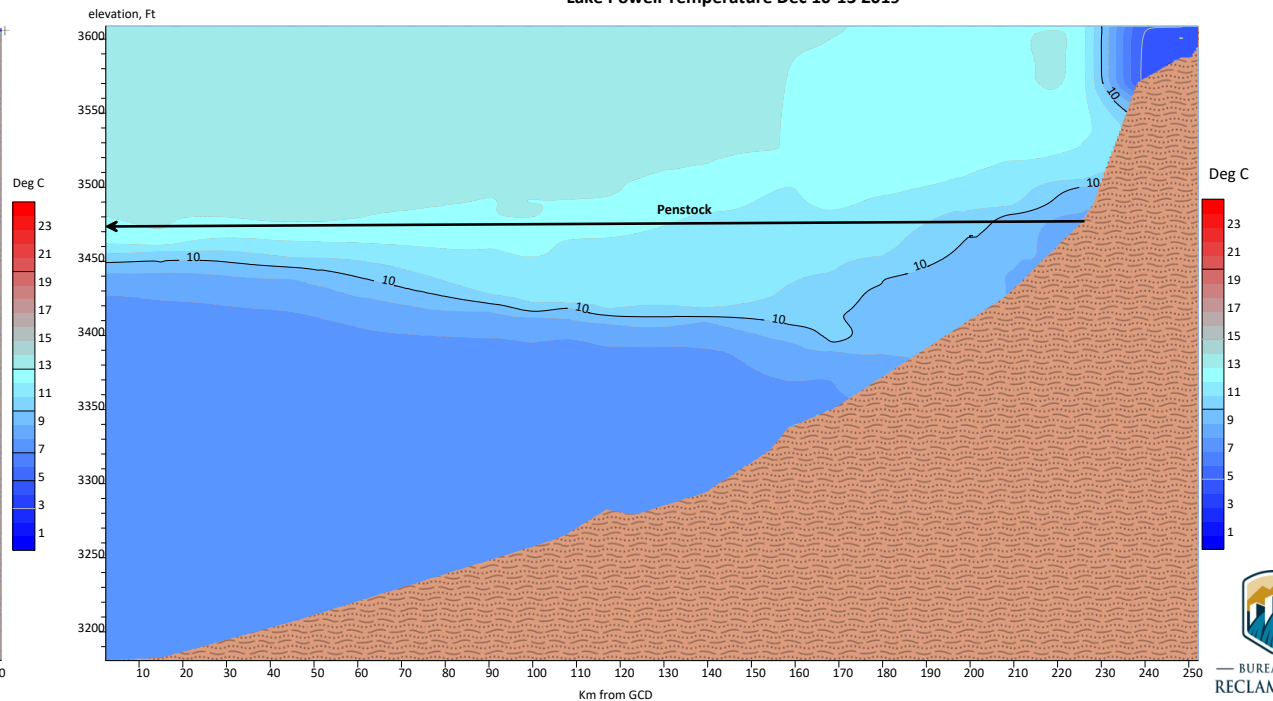
## Lake Powell Temperature Dec 2022



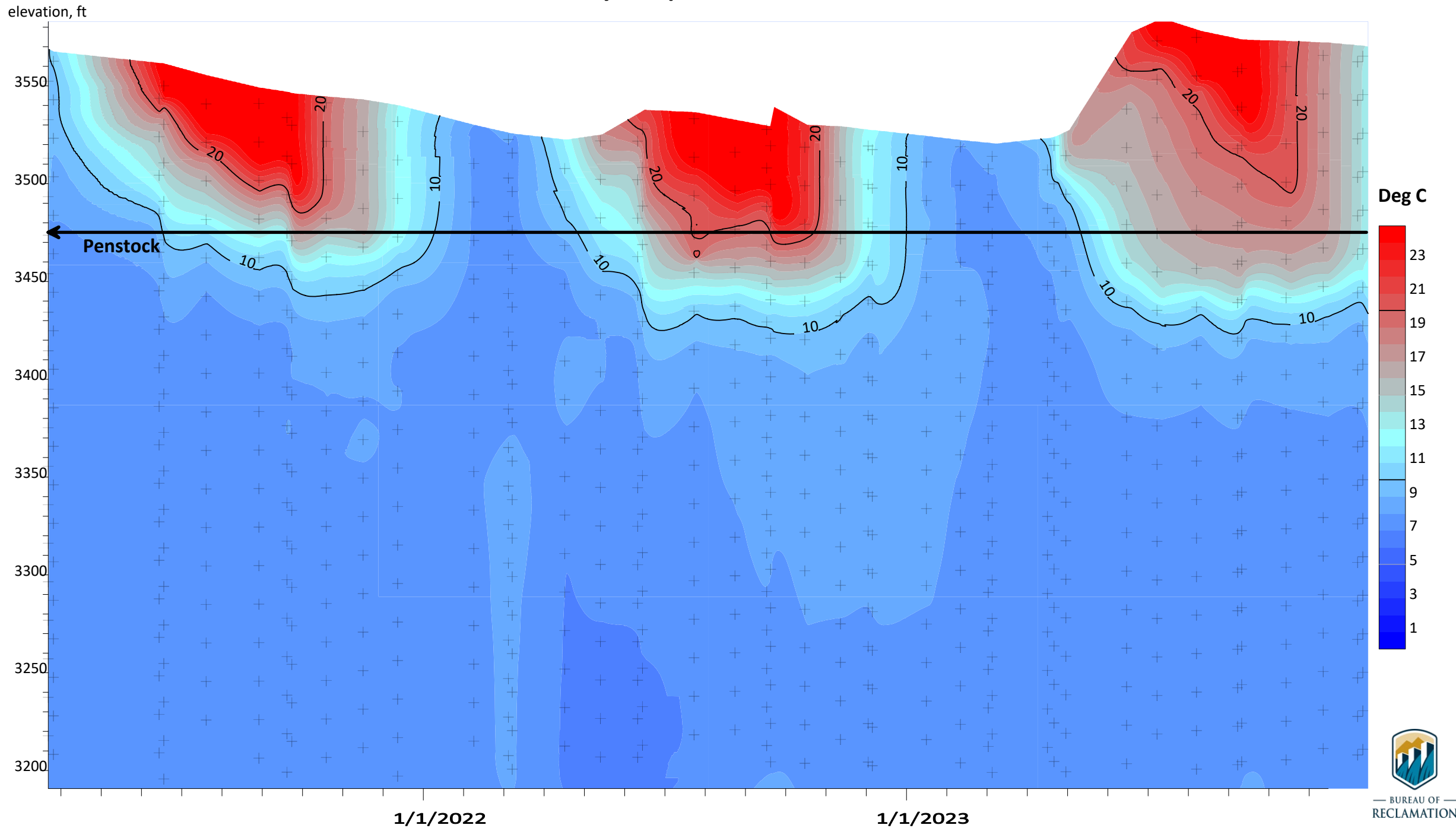
### Lake Powell Dec 2021 Temperature



Lake Powell Temperature Dec 10-13 2019

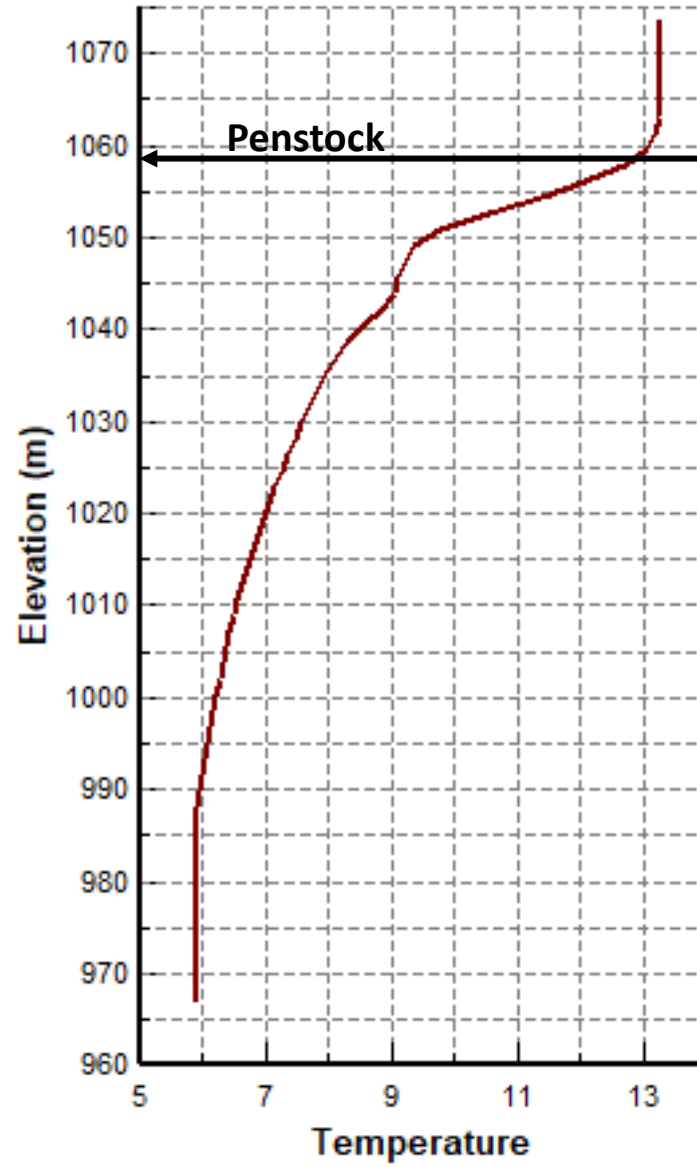


# Lake Powell Forebay Temperature, March 2021 - Dec 2023



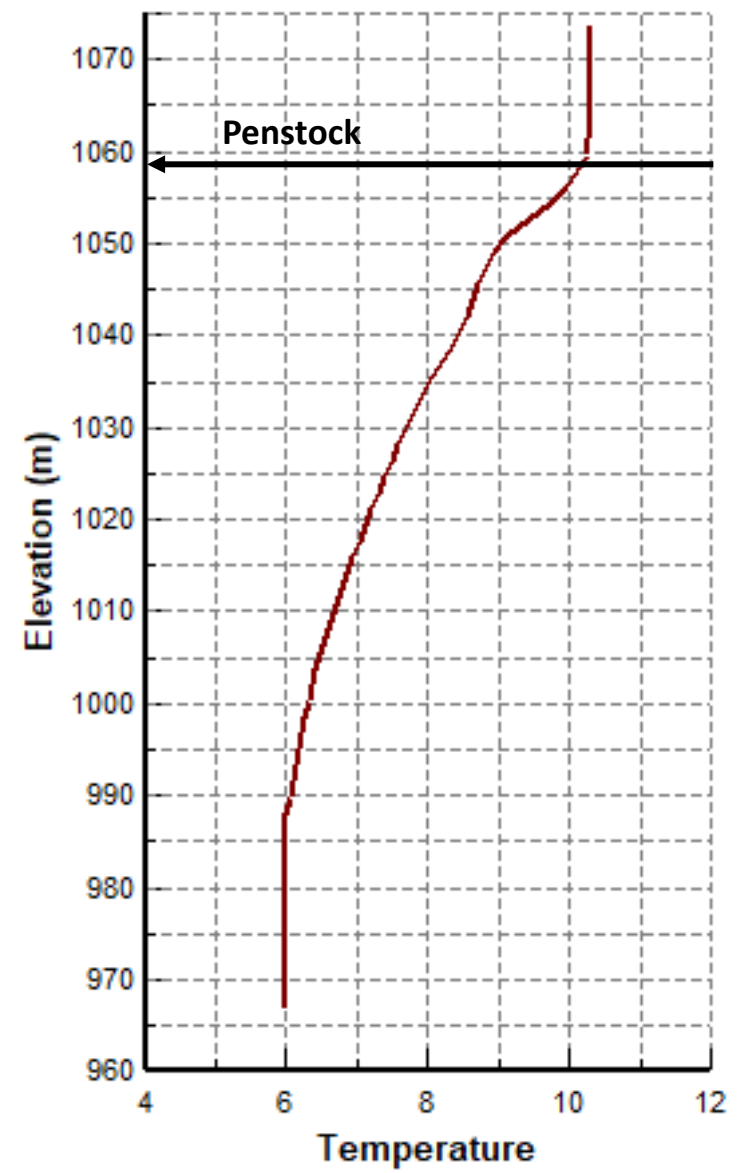
12/16/2023

Segment: 49



1/13/2024

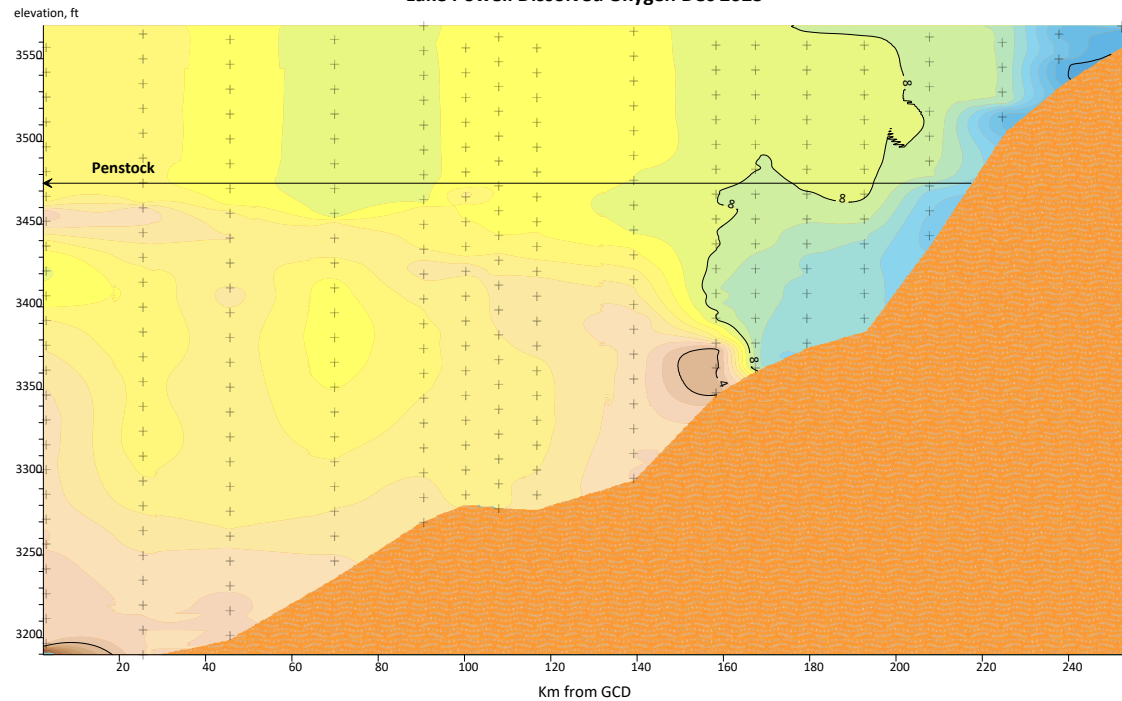
Segment: 49



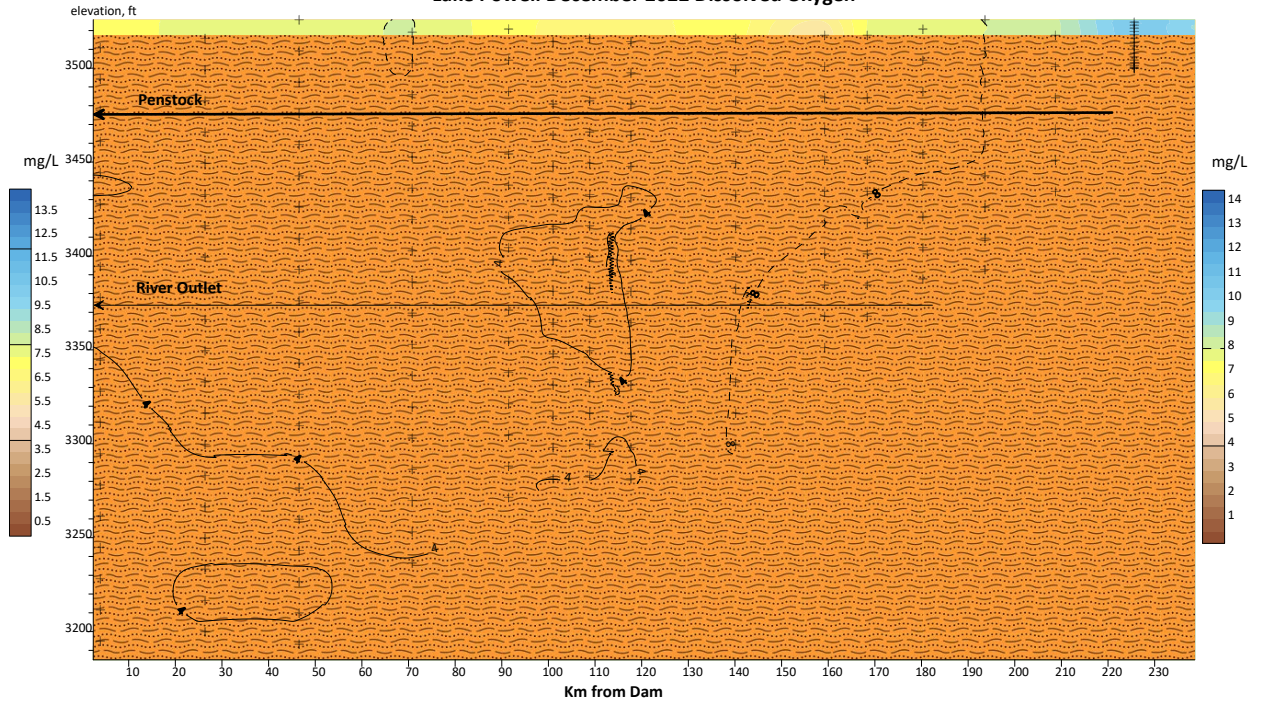
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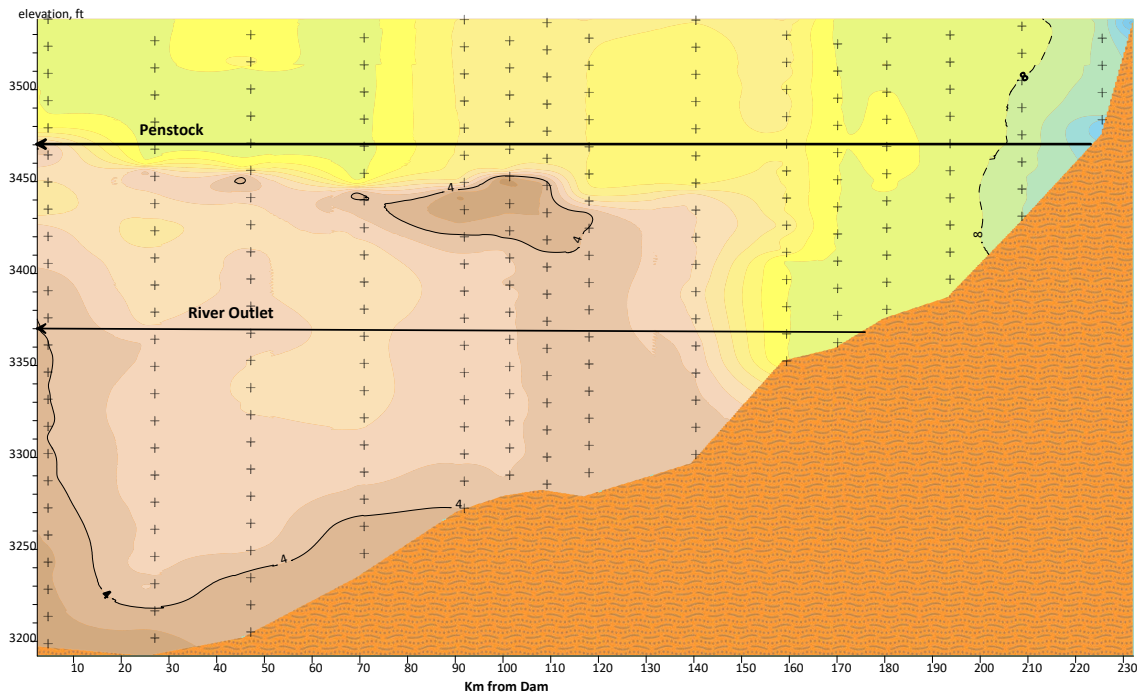
Lake Powell Dissolved Oxygen Dec 2023



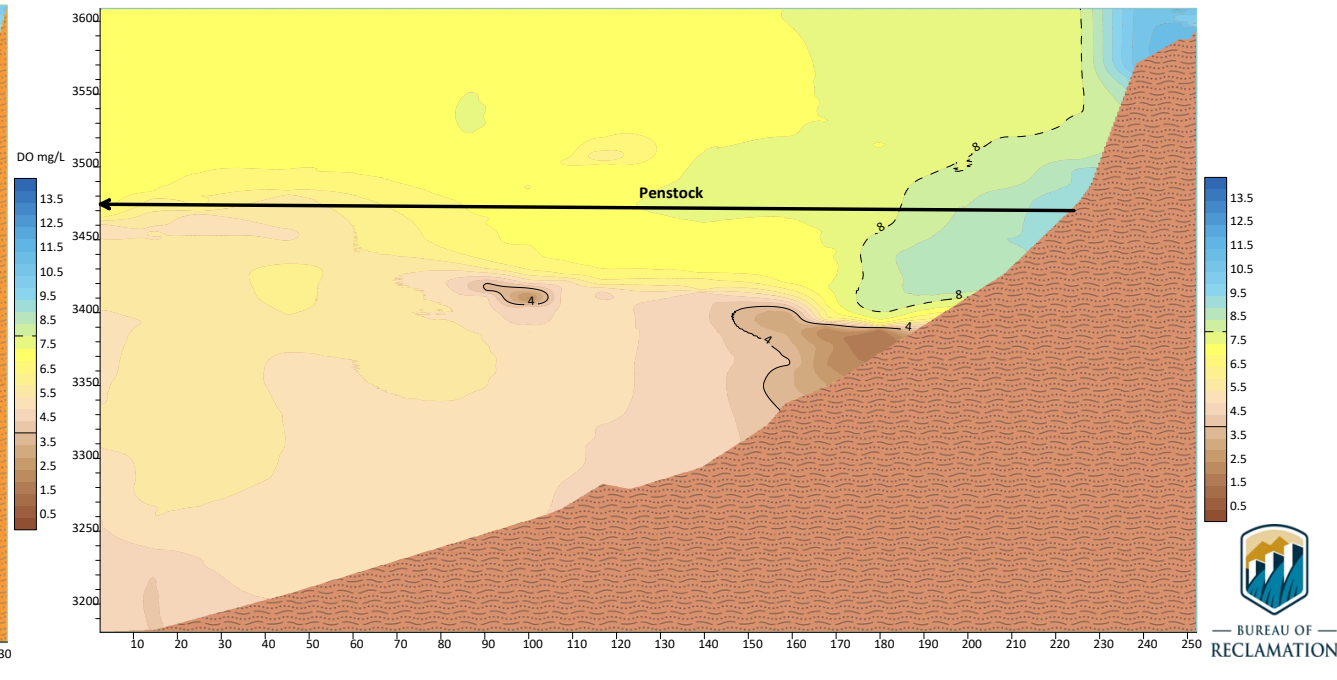
Lake Powell December 2022 Dissolved Oxygen



Lake Powell Dec 2021 Dissolved Oxygen

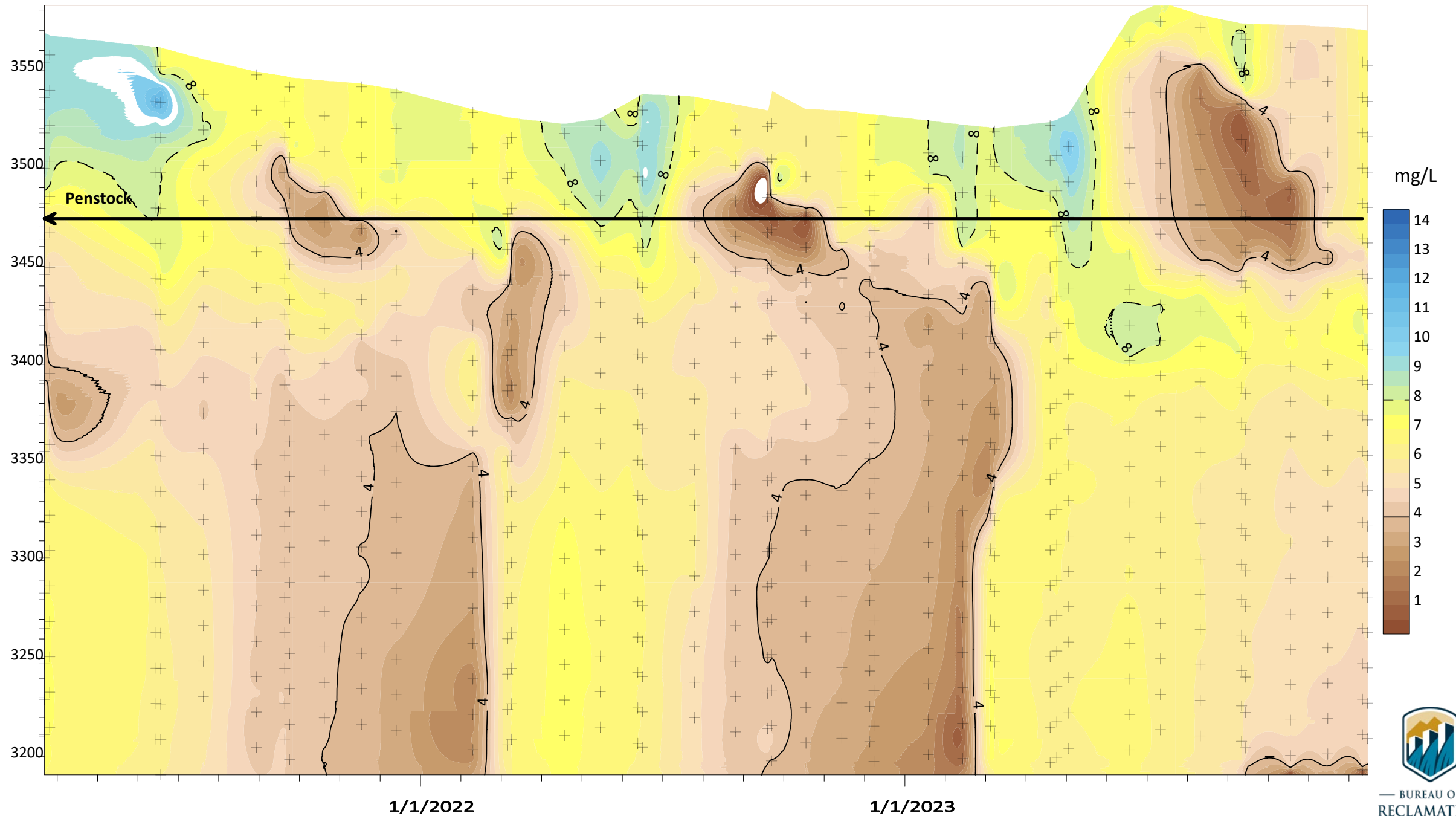


Lake Powell Dec 10 - 13 2019 Dissolved Oxygen



# Lake Powell Forebay, Dissolved Oxygen, March 21 - Dec 23

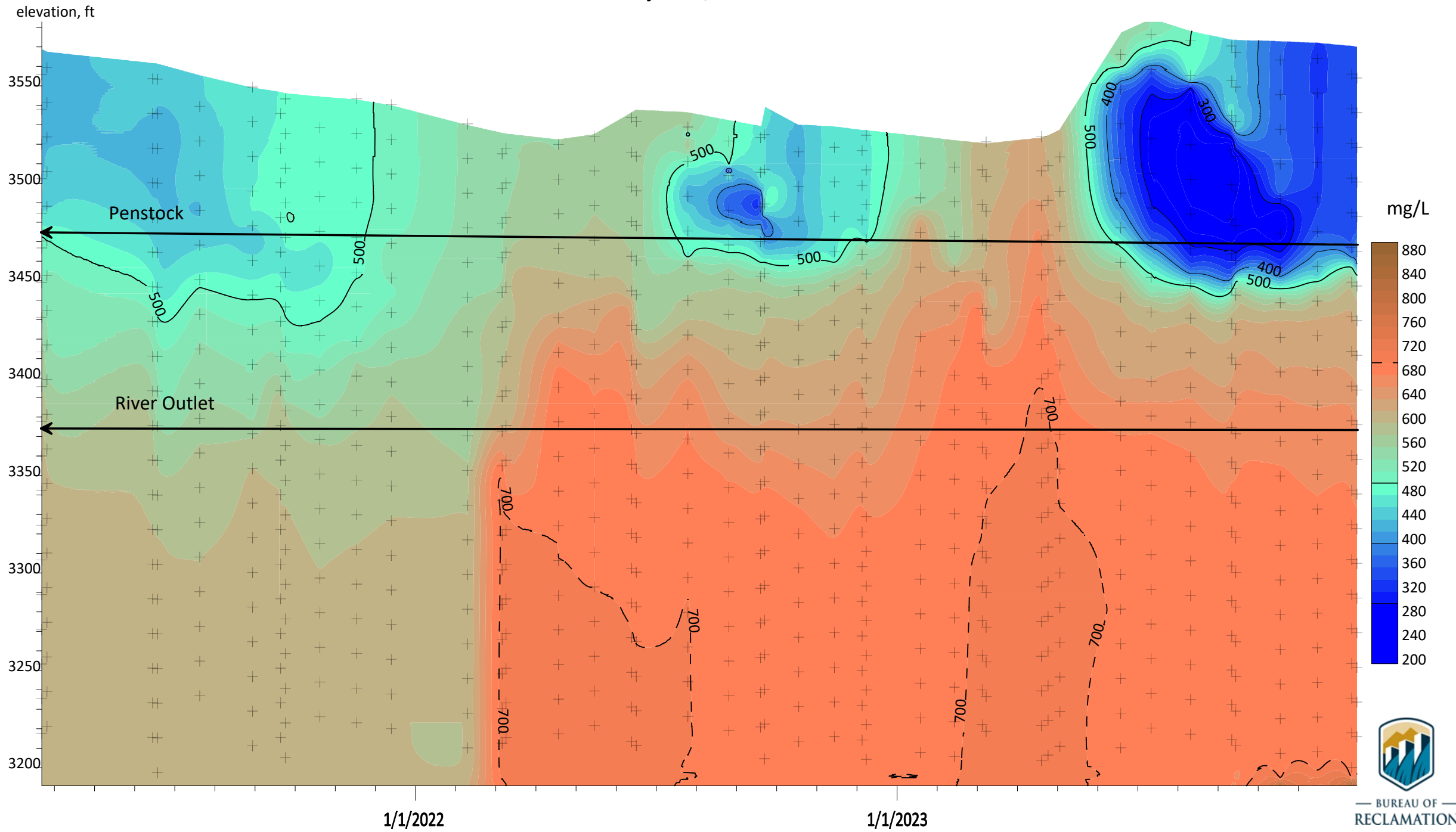
elevation, ft



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## Lake Powell Forebay TDS, March 2021 - Dec 2024

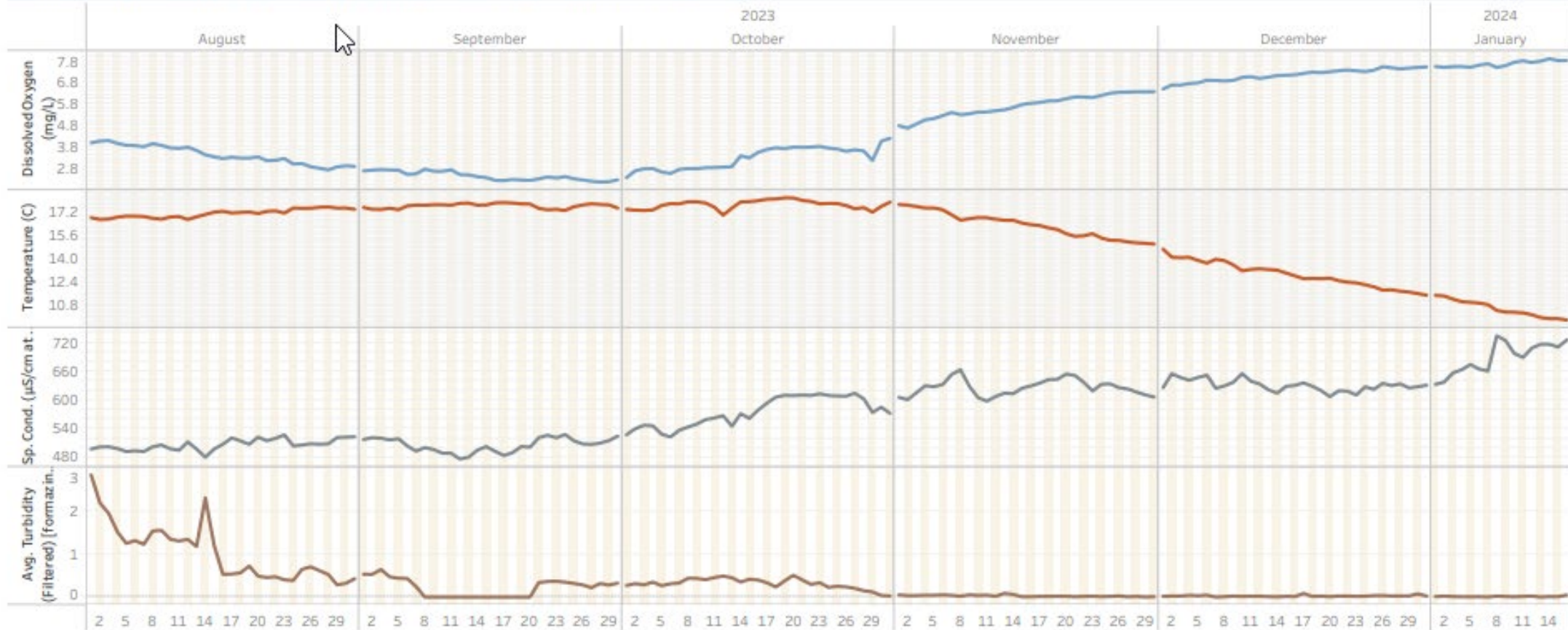


## Glen Canyon Dam Site: Daily Averages

Select Date Range  
8/1/2023 to 1/16/2024  
and Null values

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](https://www.gcmrc.gov/discharge_qw_sediment/station/GCDAMP/09379901)

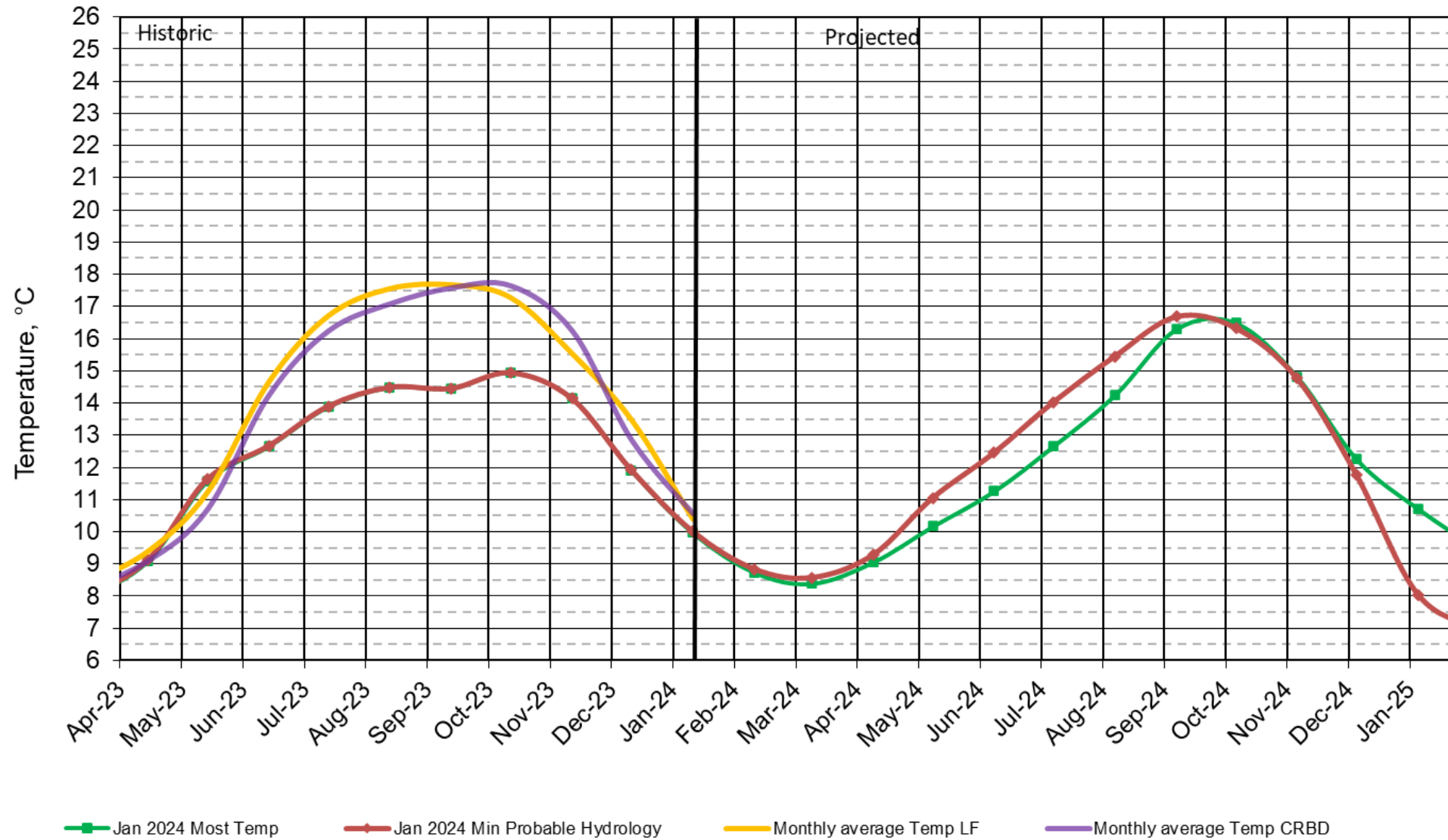


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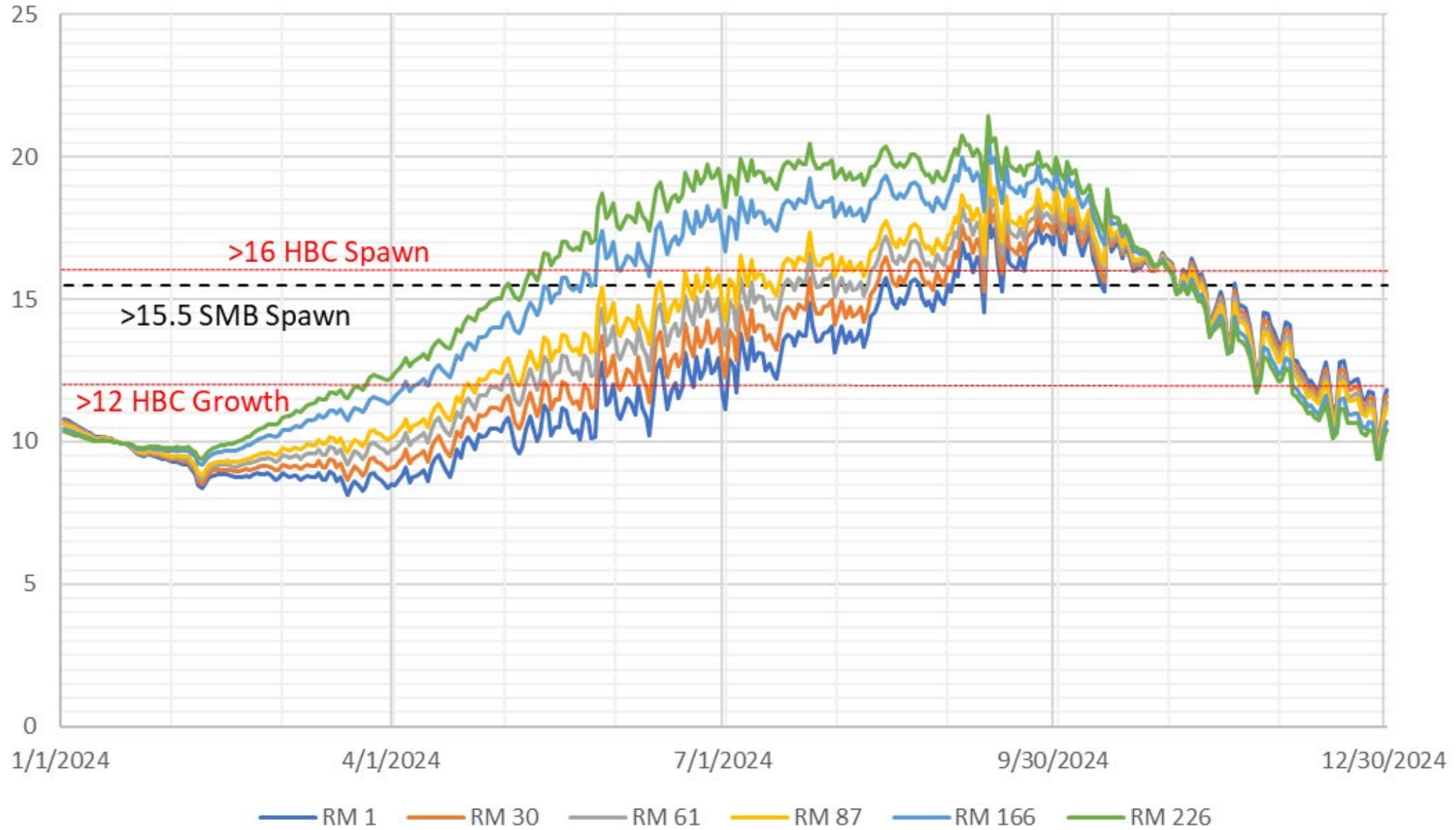
# Lake Powell Release Temperature

## Projected Temperature based on January 2024 Forecast

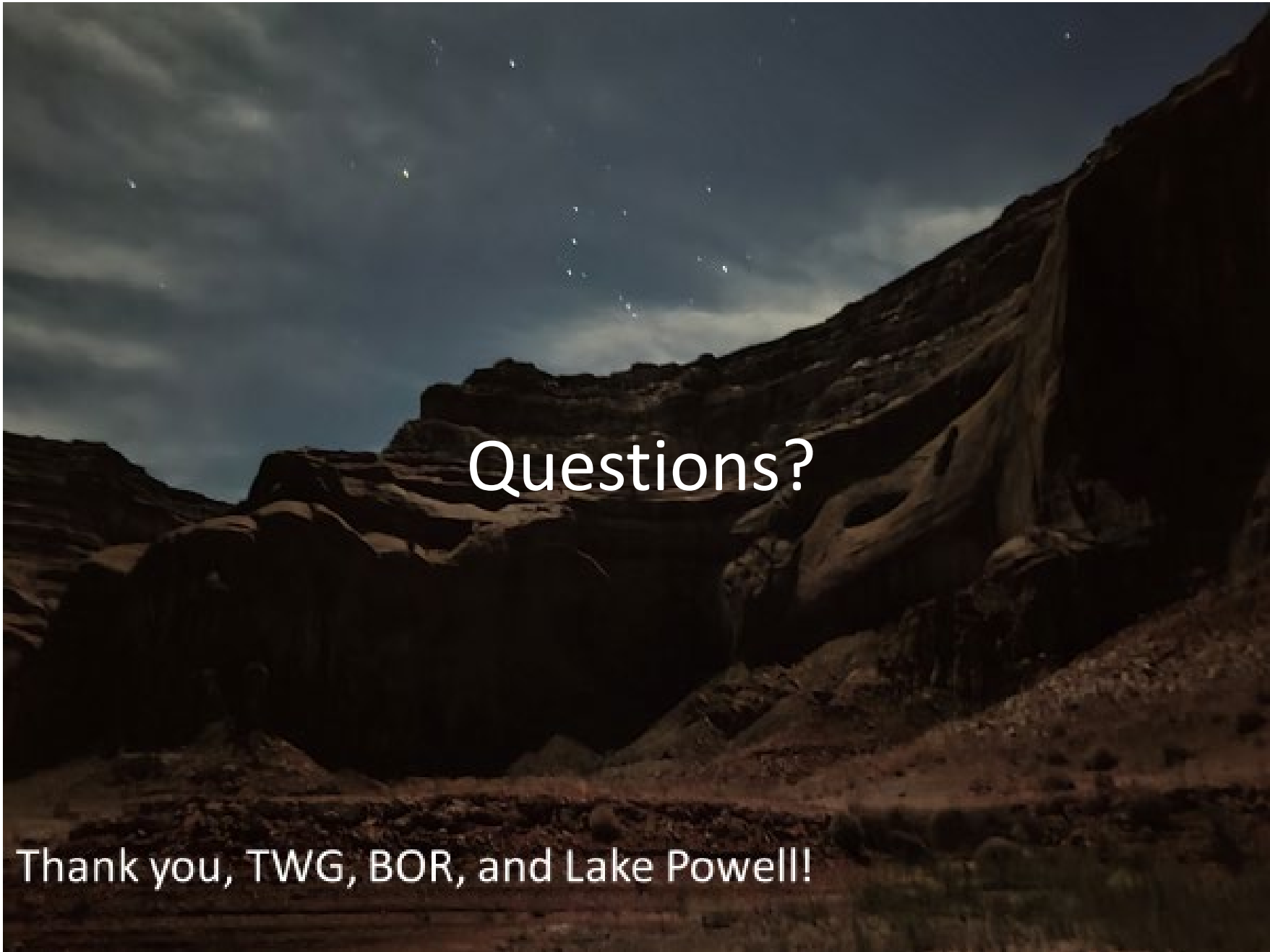


#Projection start date is based on initial conditions (March 2021)

## Jan 2024 Most Dibble et al. Grand Canyon Temperature Projections







Questions?

Thank you, TWG, BOR, and Lake Powell!



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