



— BUREAU OF —
RECLAMATION

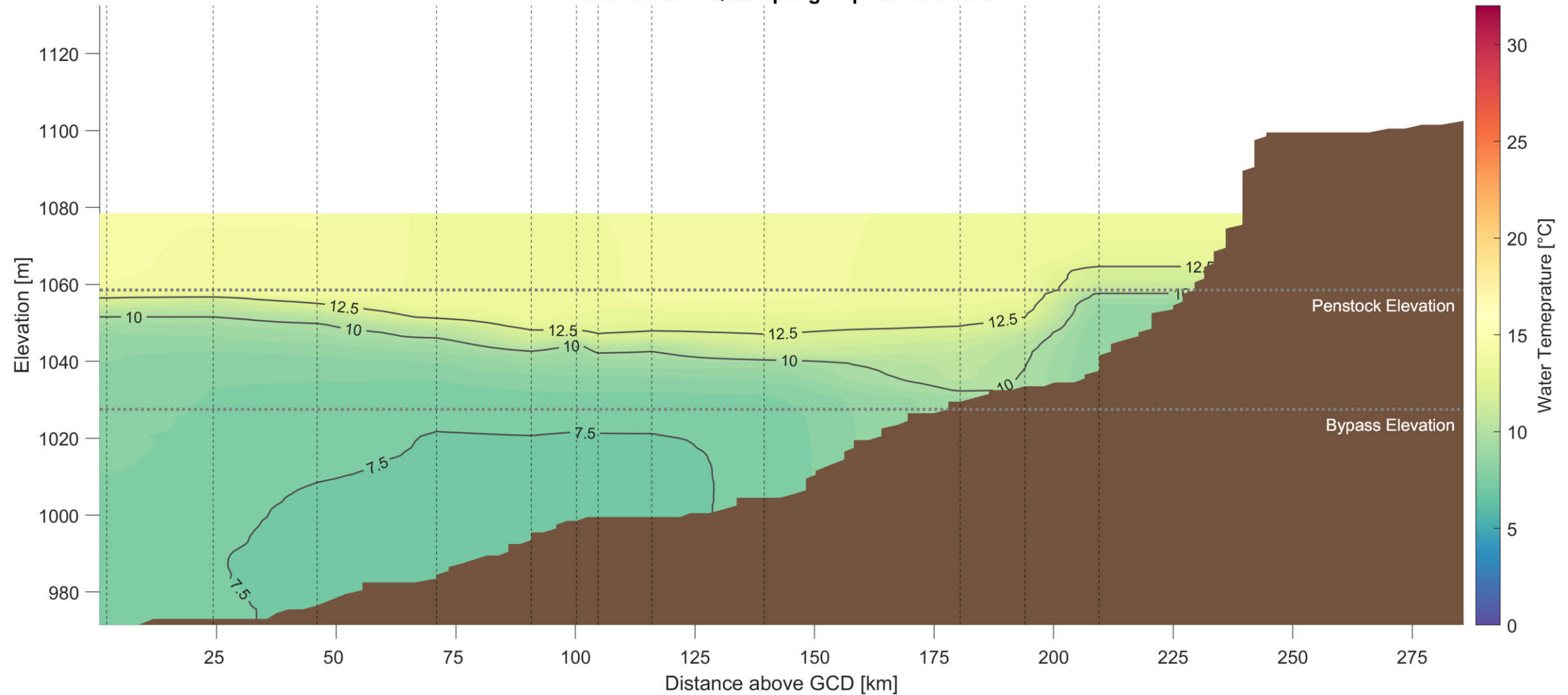
Water Quality Update

02/05/2026

TWG

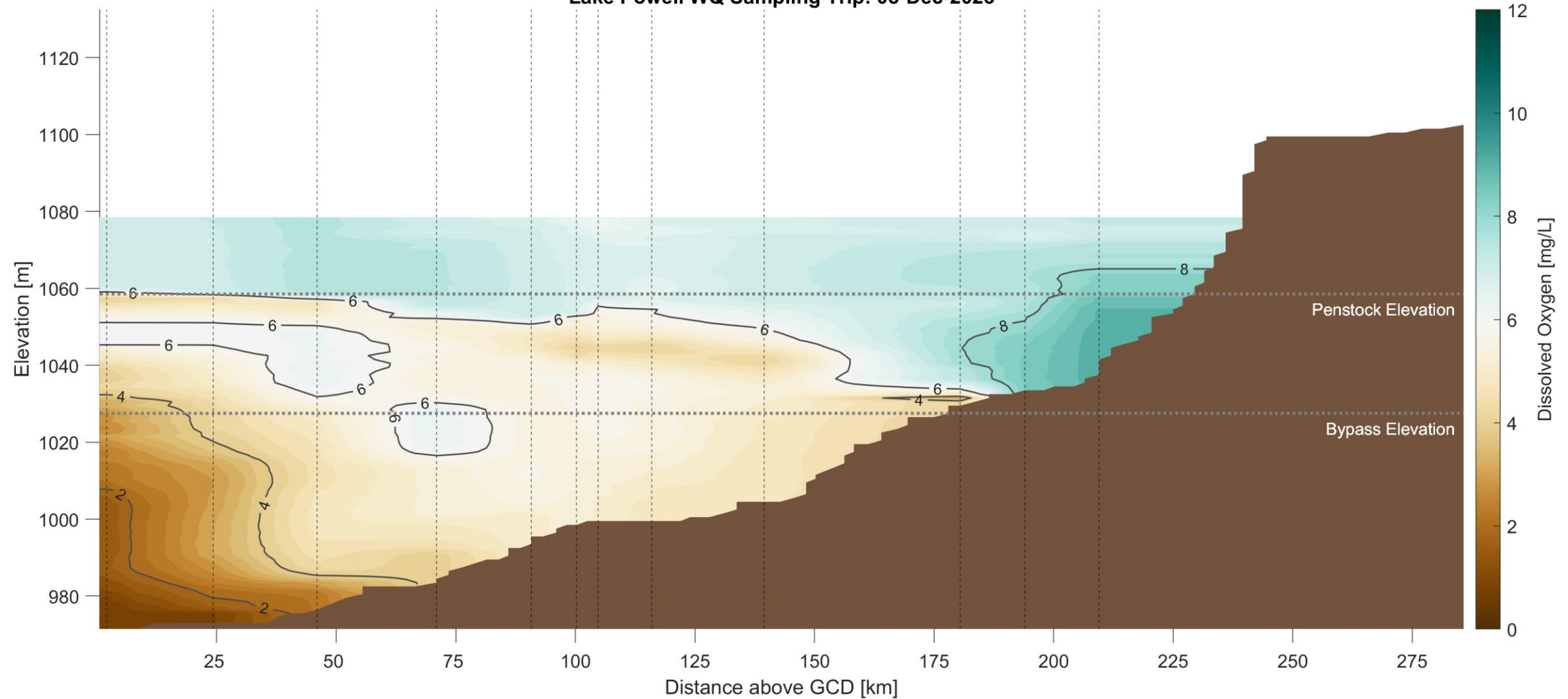
Lake Powell December Sampling Trip

Lake Powell WQ Sampling Trip: 08-Dec-2025



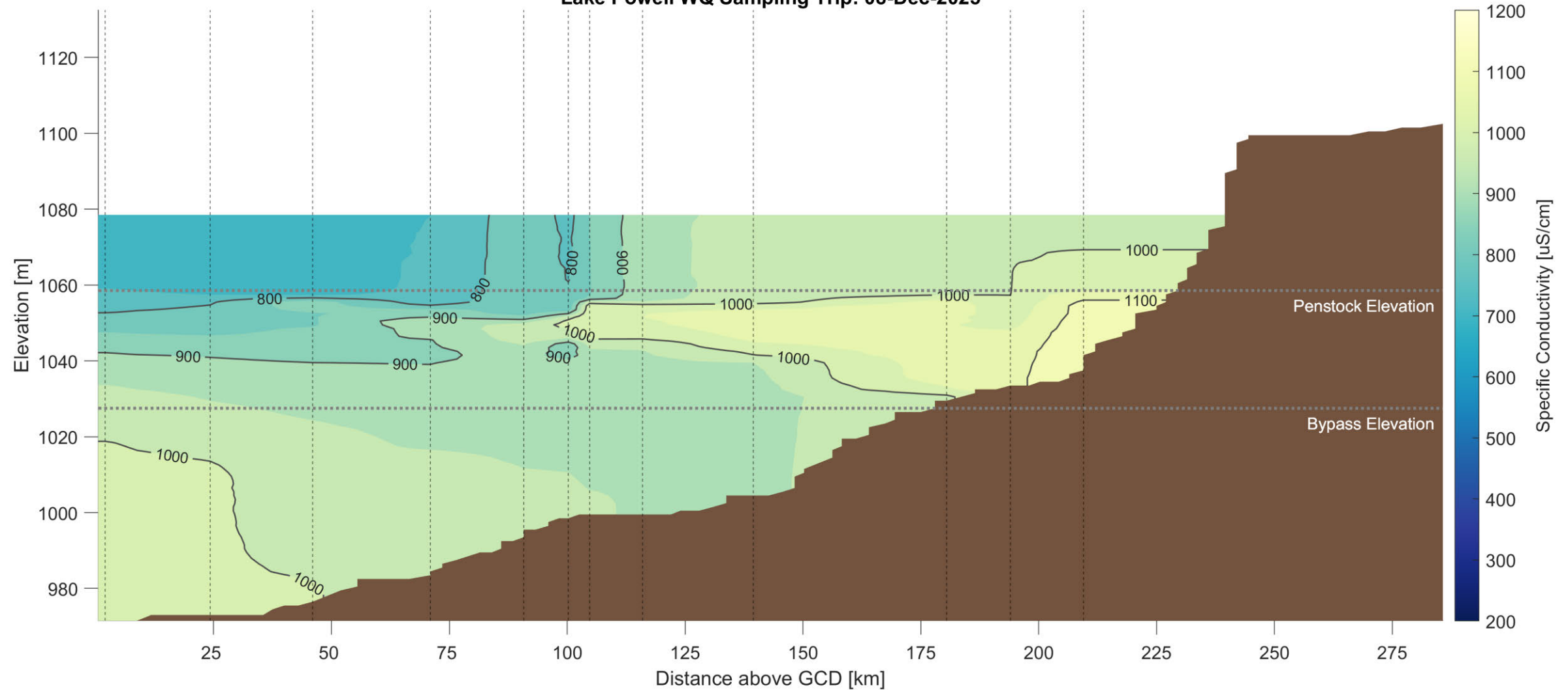
Lake Powell December Sampling Trip

Lake Powell WQ Sampling Trip: 08-Dec-2025



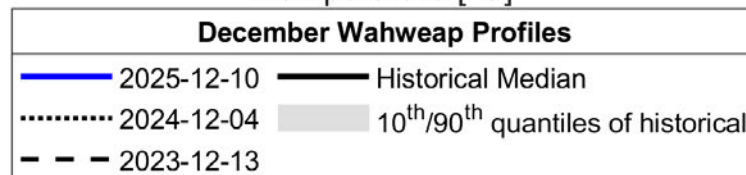
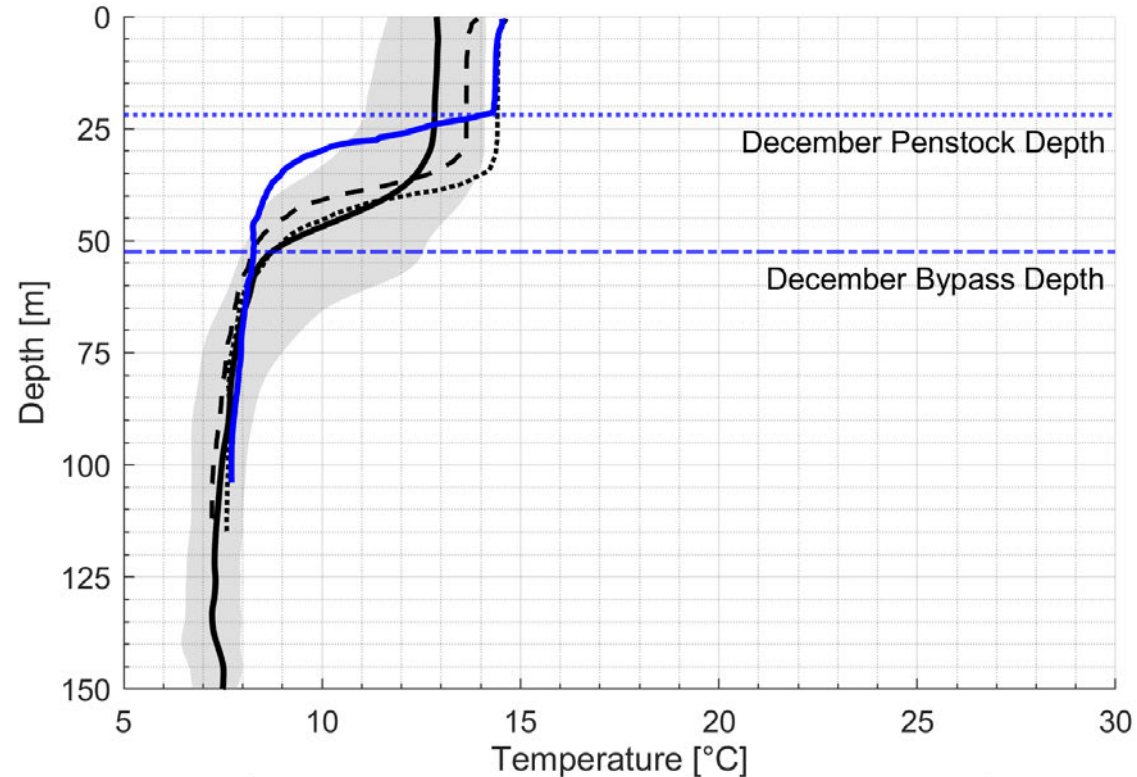
Lake Powell December Sampling Trip

Lake Powell WQ Sampling Trip: 08-Dec-2025



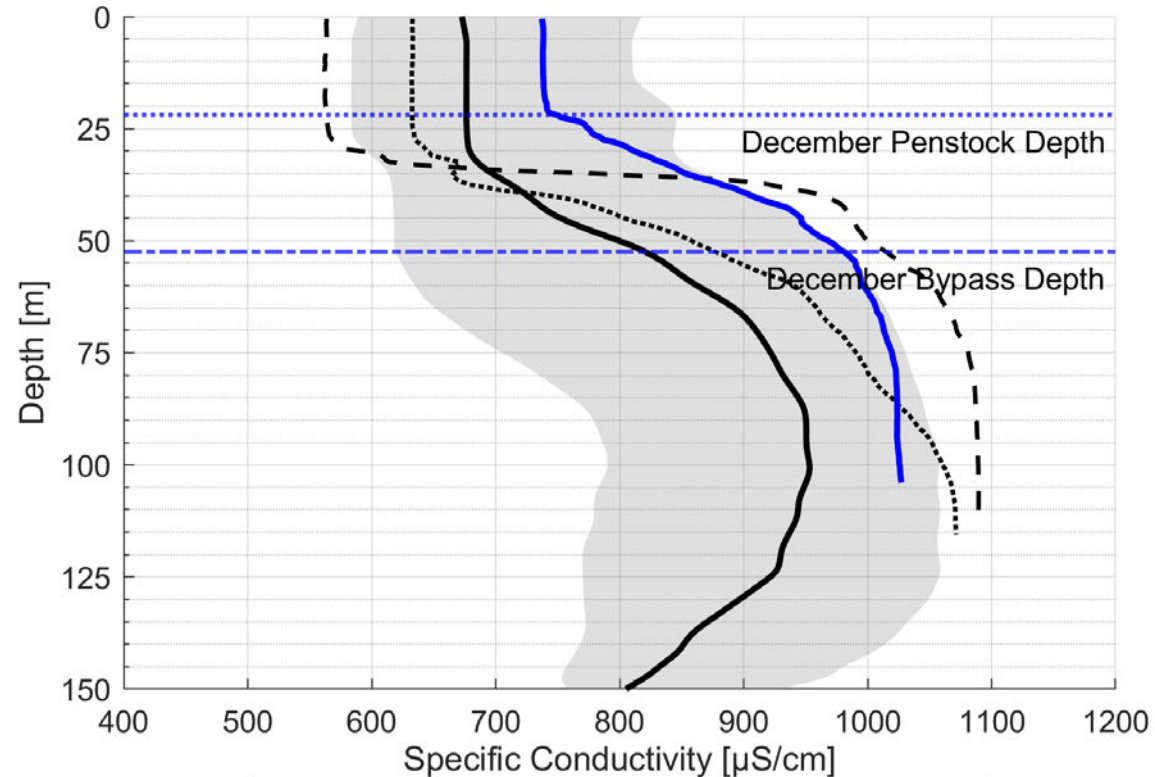
Lake Powell Forebay – Temperature

December 8-12 Sampling Trip



Lake Powell Forebay – Specific Conductivity

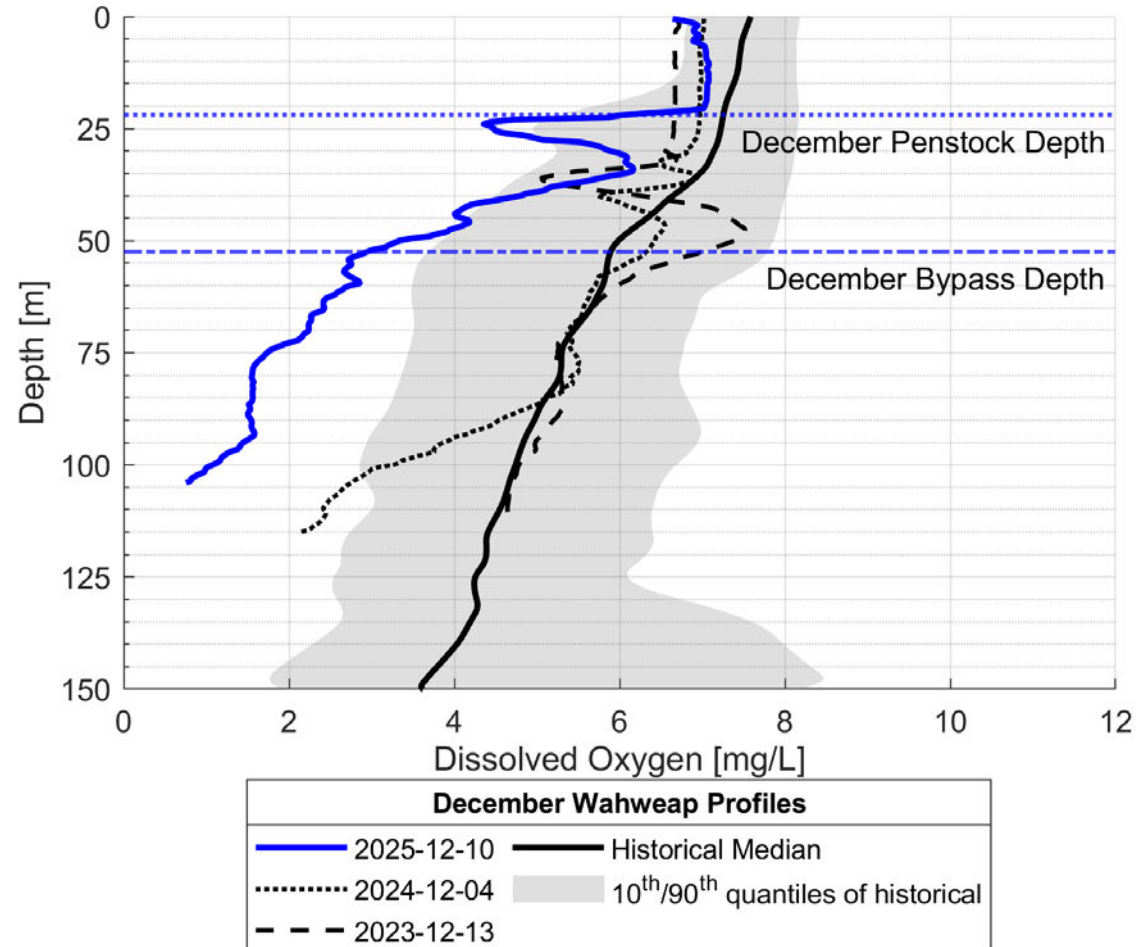
December 8-12 Sampling Trip



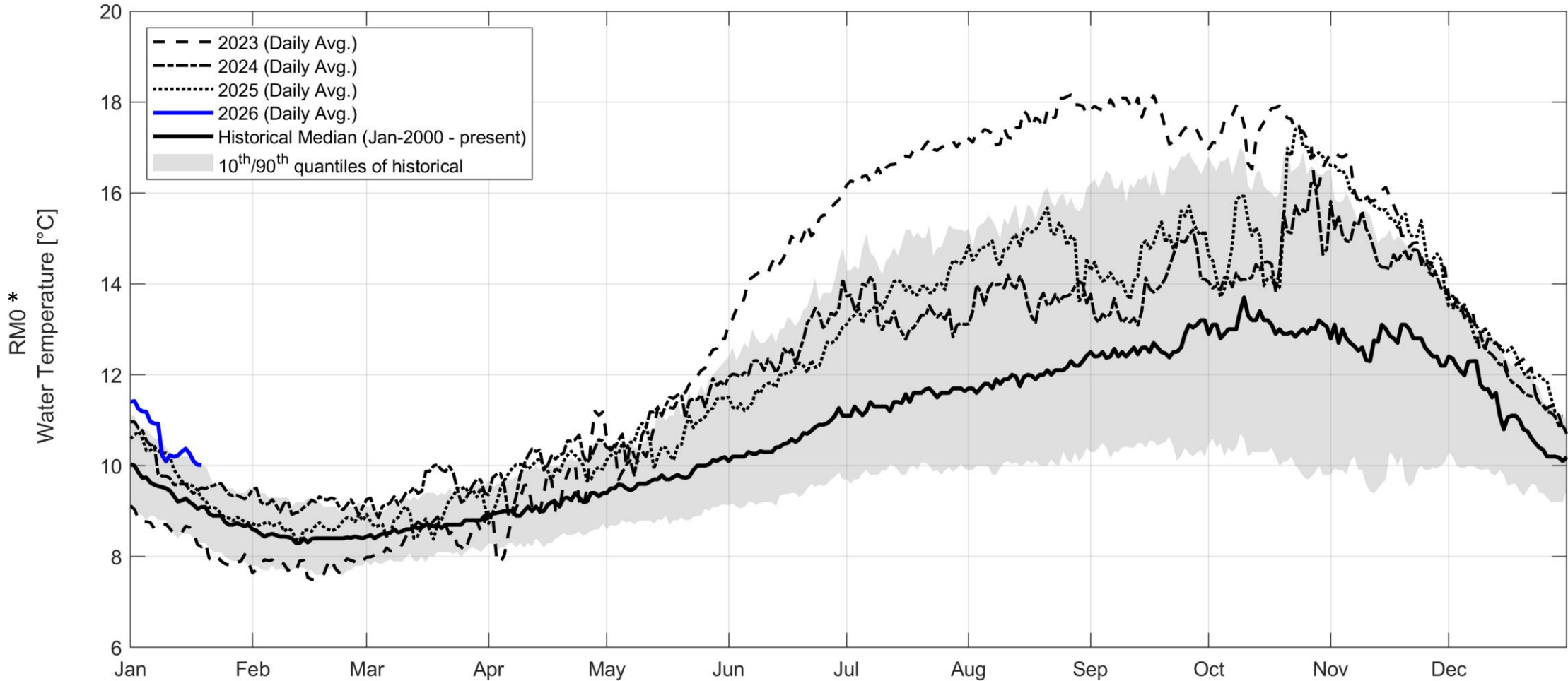
December Wahweap Profiles	
— (Blue)	2025-12-10
— (Black)	Historical Median
⋯ (Dotted)	2024-12-04
- - - (Dashed)	2023-12-13
█ (Grey)	10 th /90 th quantiles of historical



Lake Powell Forebay – Dissolved Oxygen December 8-12 Sampling Trip



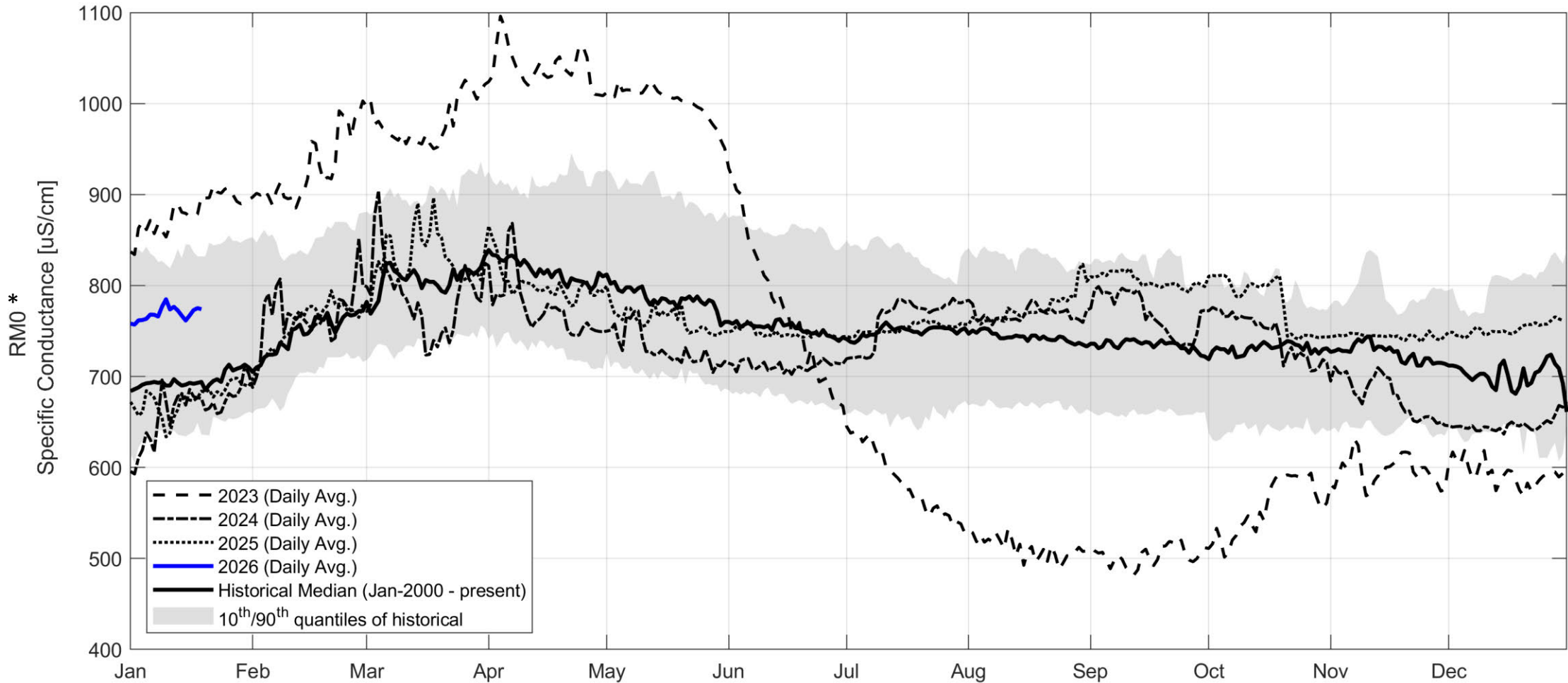
Lees Ferry - Temperature



* Credit to USGS for data. Preliminary, not for citation.



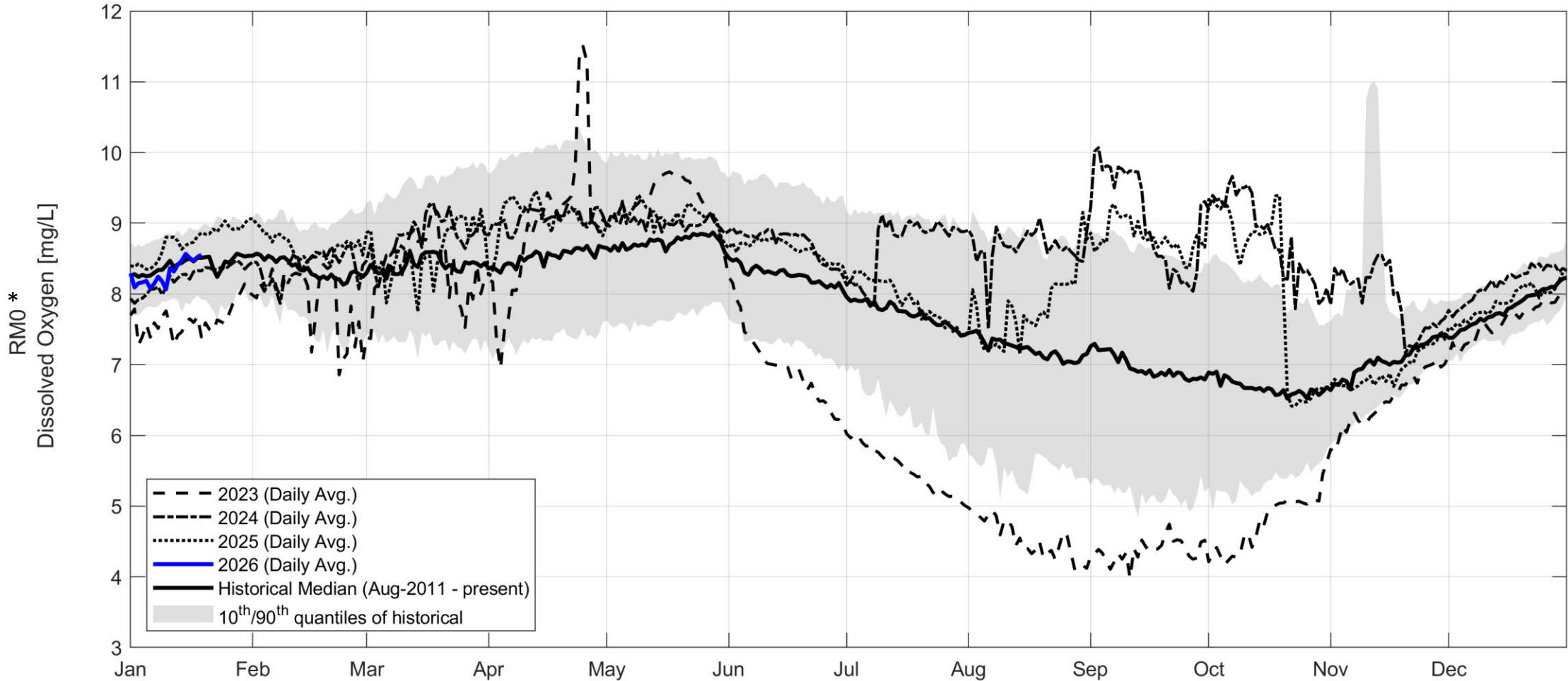
Lees Ferry – Specific Conductance



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Lees Ferry – Dissolved Oxygen

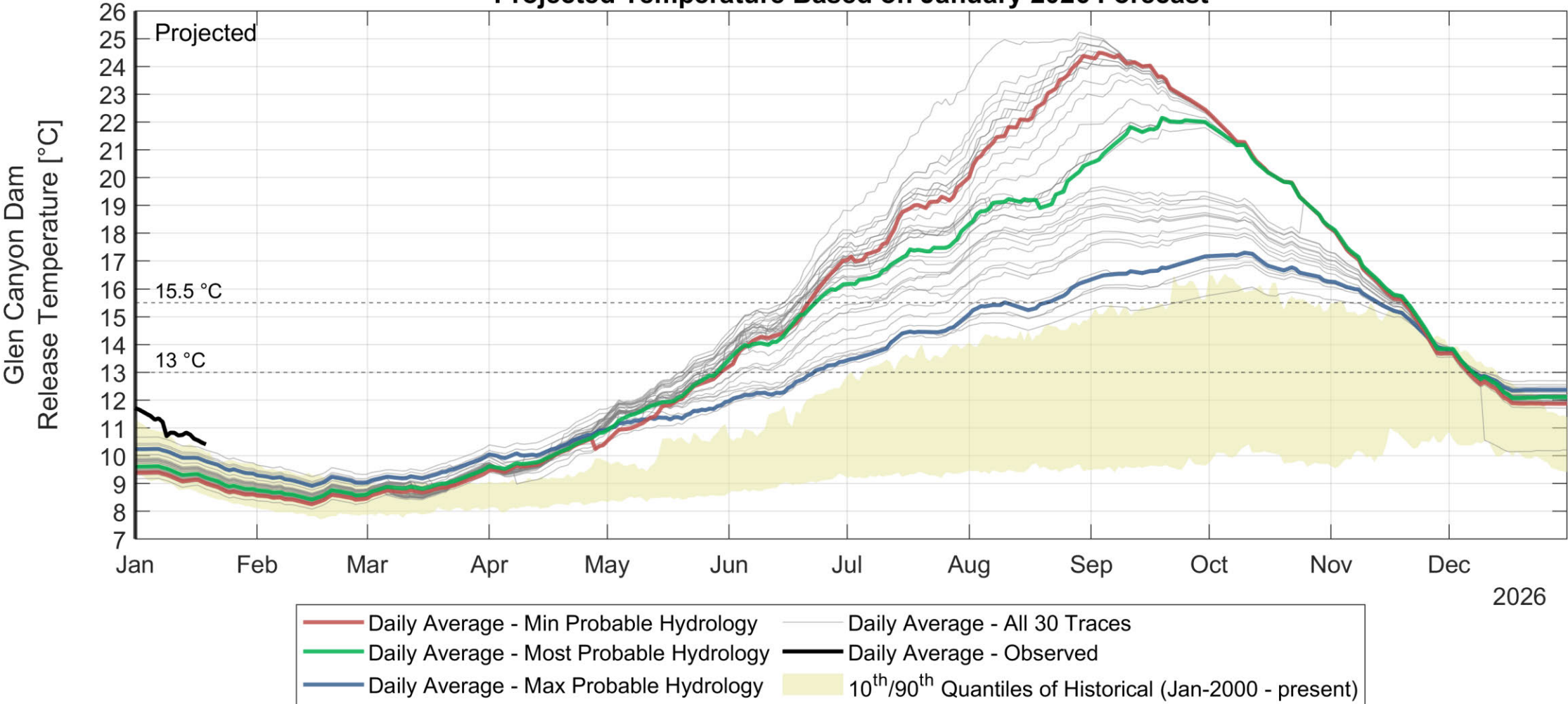


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Glen Canyon Dam Release Temperature (*Eppehimer et al, 2024 model)

Projected Temperature Based on January 2026 Forecast



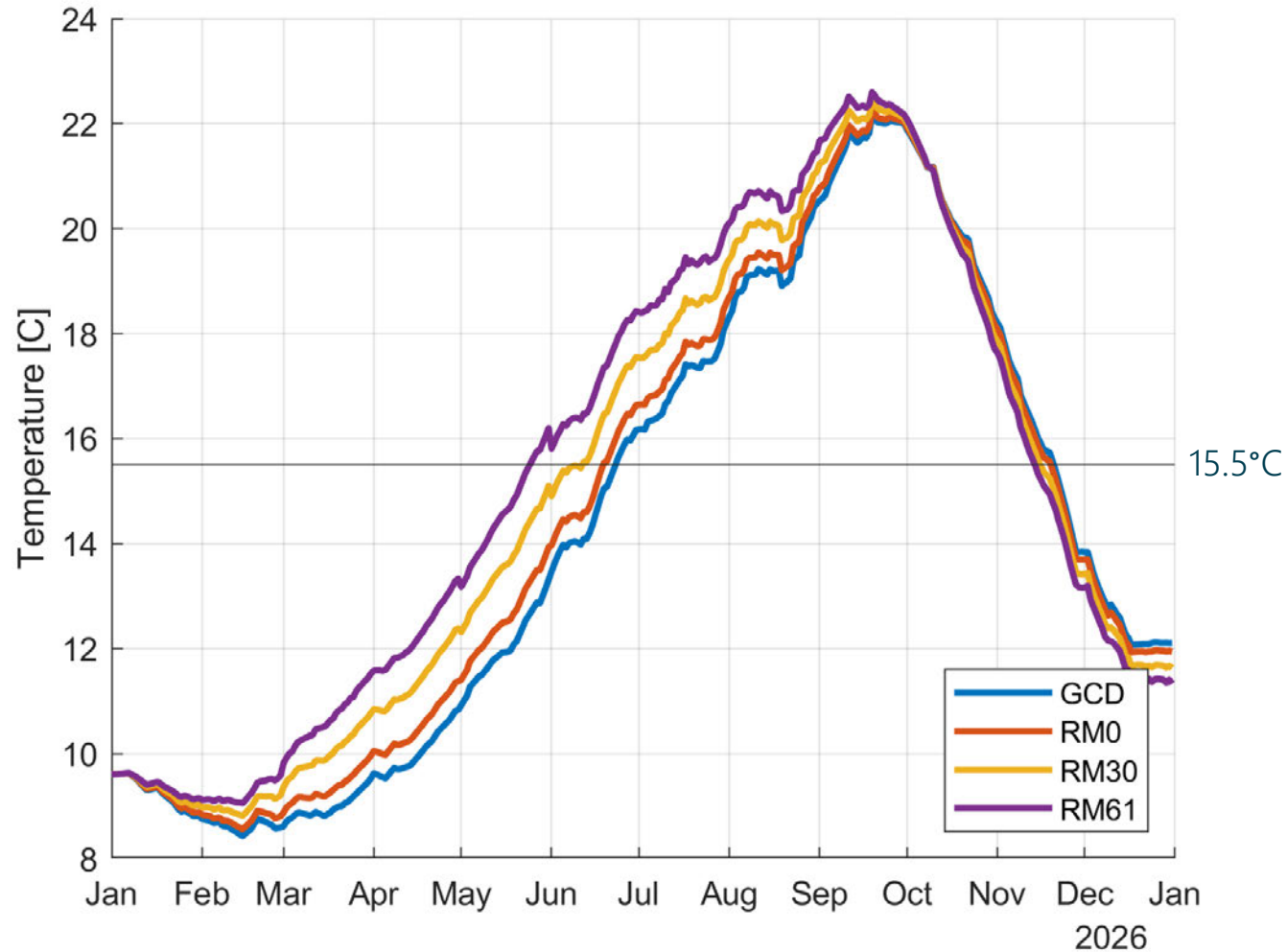
2026

- Daily Average - Min Probable Hydrology
- Daily Average - Most Probable Hydrology
- Daily Average - Max Probable Hydrology
- Daily Average - All 30 Traces
- Daily Average - Observed
- 10th/90th Quantiles of Historical (Jan-2000 - present)

* <https://doi.org/10.1101/2024.01.23.576966>



Combined Temperature Predictions January 2026 Most Probable Hydrology



(*Dibble et al, 2020 model)

*<https://doi.org/10.1002/eap.2279>

