



— BUREAU OF —  
RECLAMATION

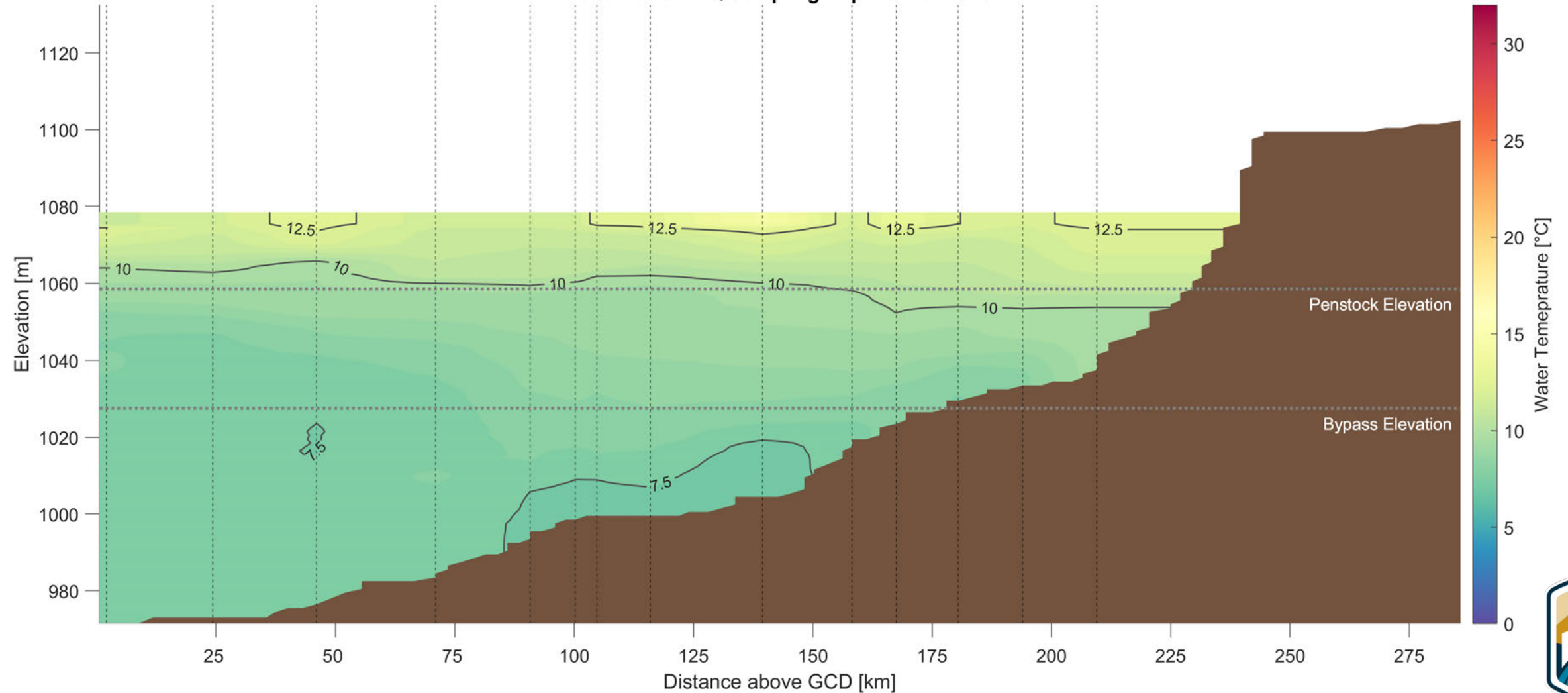
# Water Quality Update

## GCDAMP TWG

04/09/2024

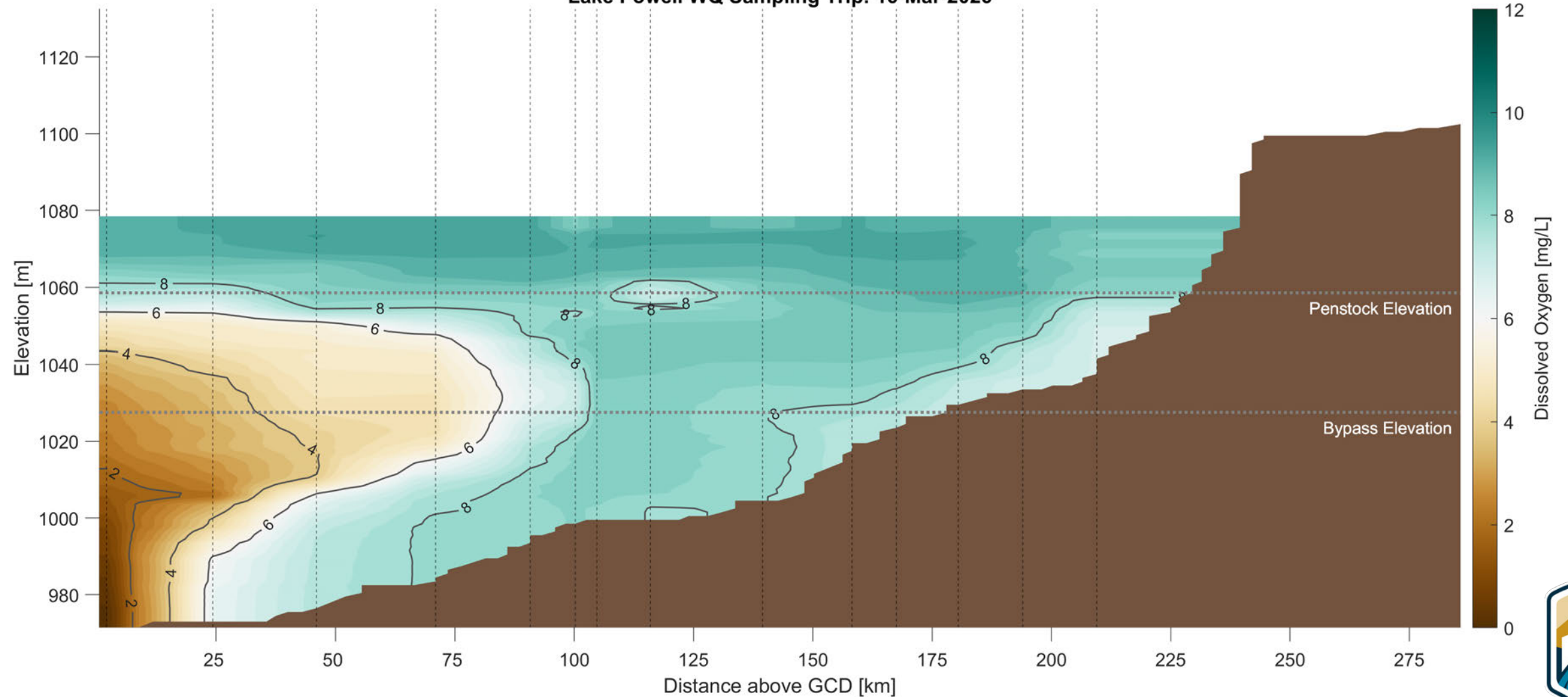
# Powell – March Lake Wide Sampling Temperature

Lake Powell WQ Sampling Trip: 16-Mar-2026



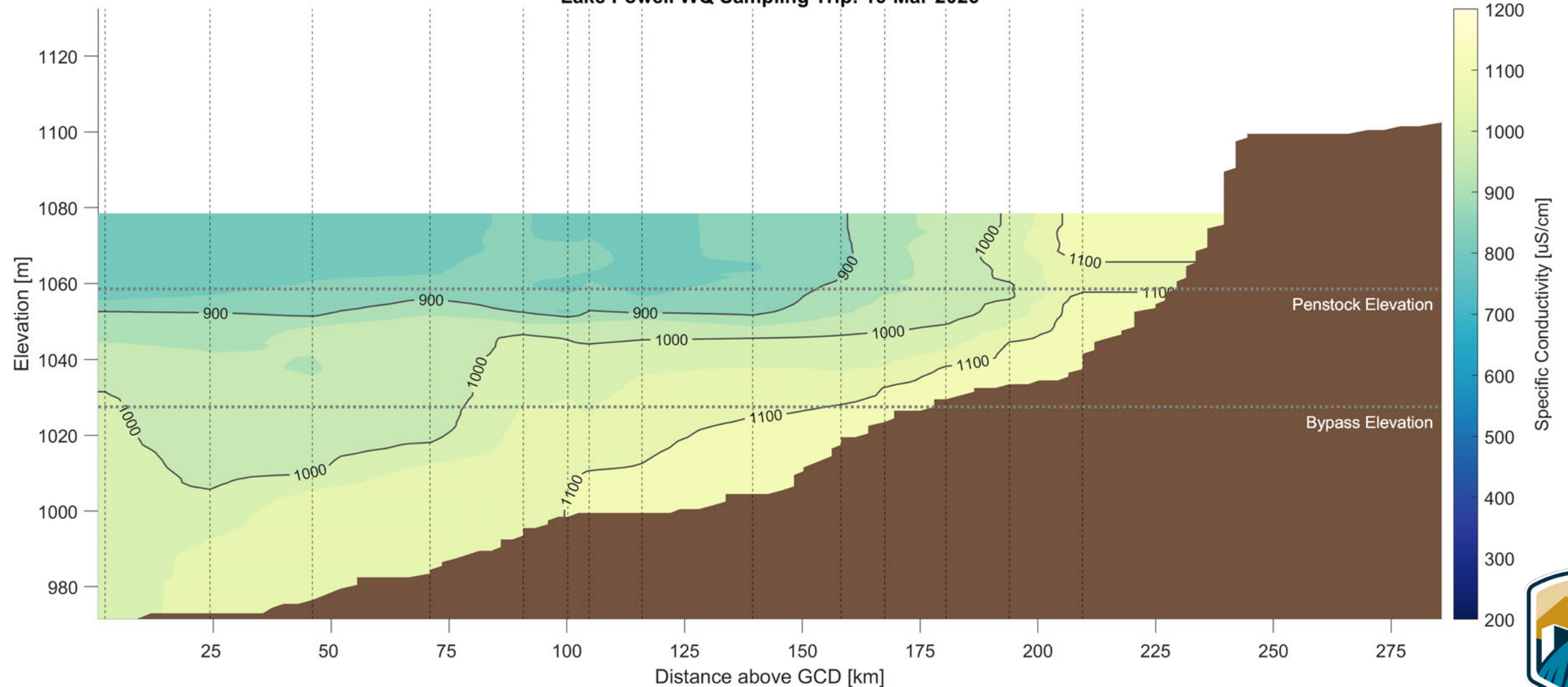
# Powell – March Lake Wide Sampling Dissolved Oxygen

Lake Powell WQ Sampling Trip: 16-Mar-2026



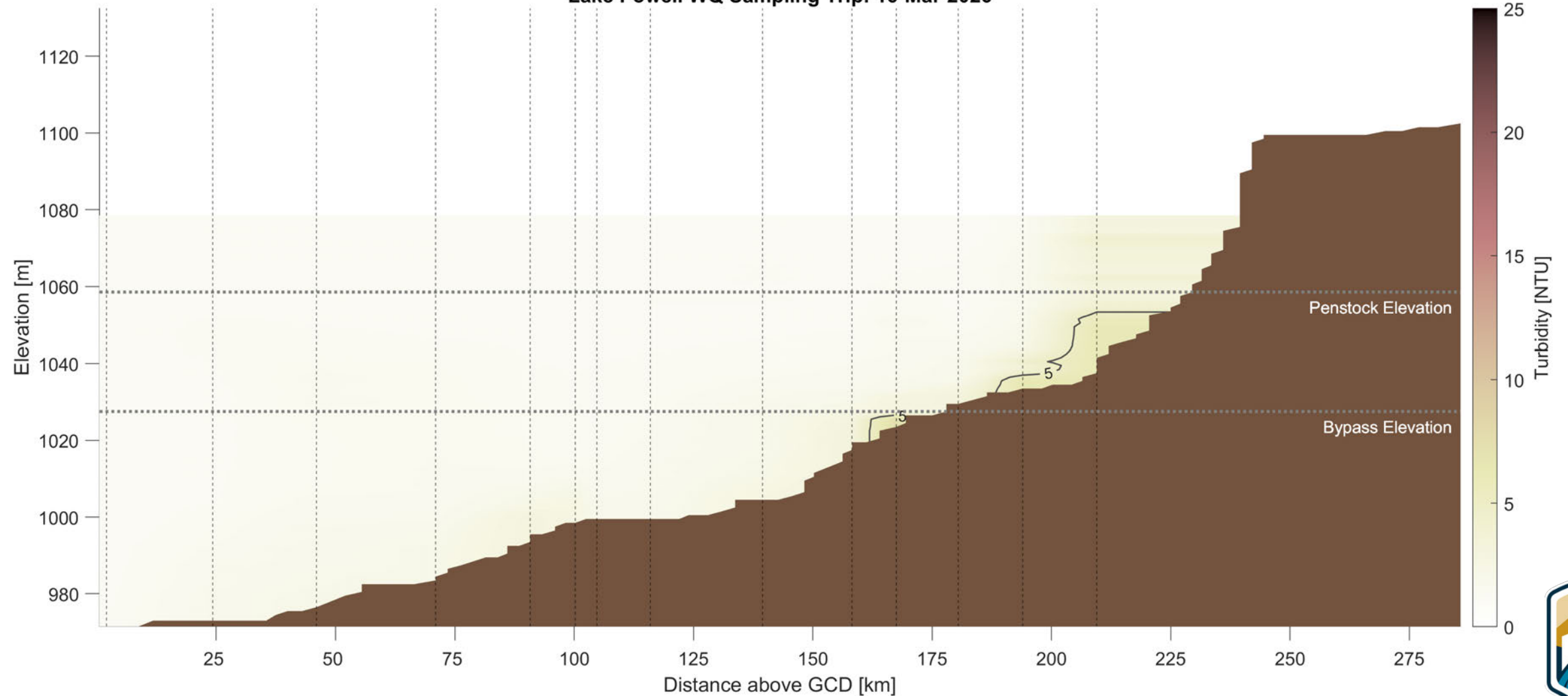
# Powell – March Lake Wide Sampling Conductivity

Lake Powell WQ Sampling Trip: 16-Mar-2026



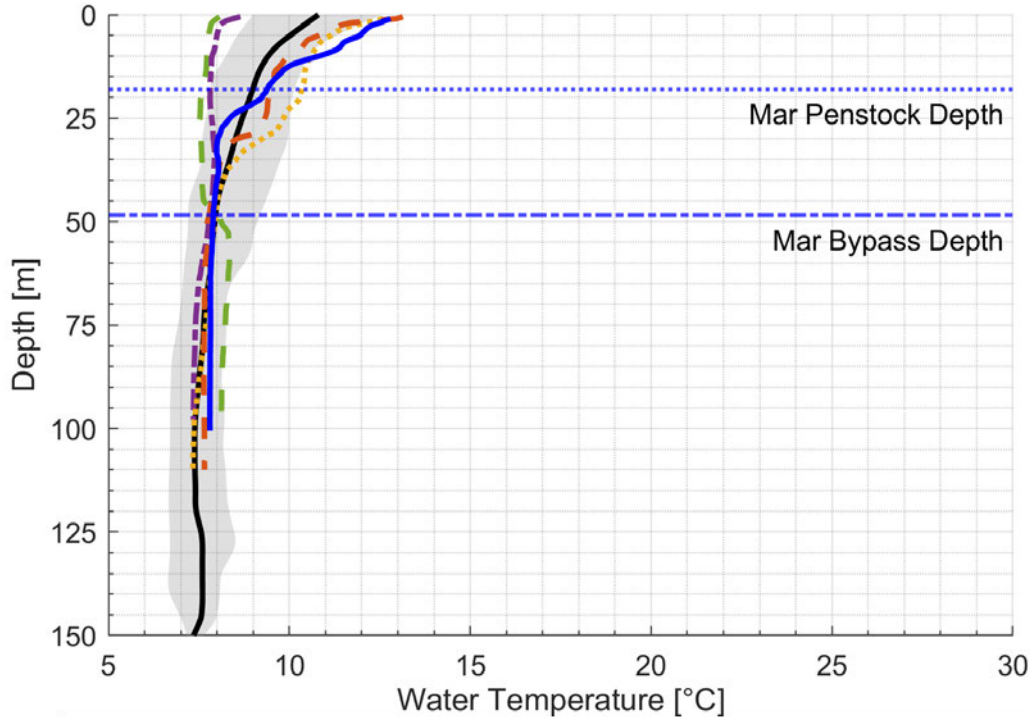
# Powell – March Lake Wide Sampling Turbidity

Lake Powell WQ Sampling Trip: 16-Mar-2026

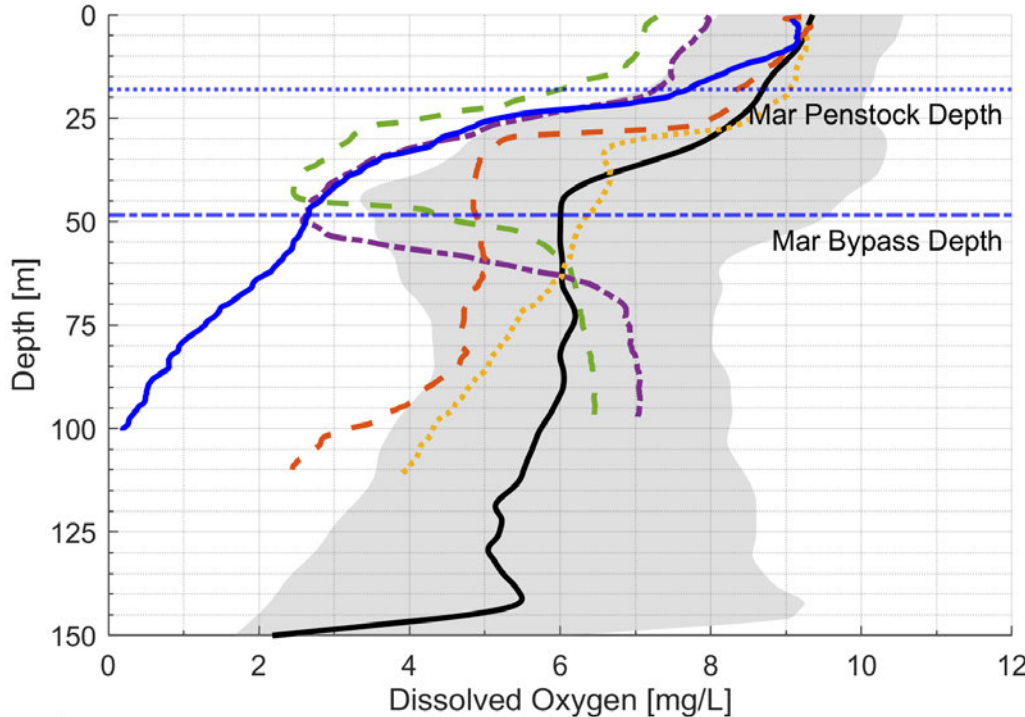


# Wahweap March Profiles

Temperature



Dissolved Oxygen

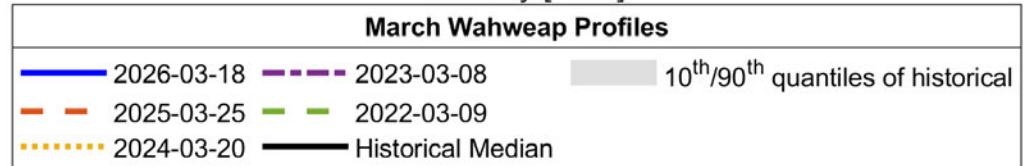
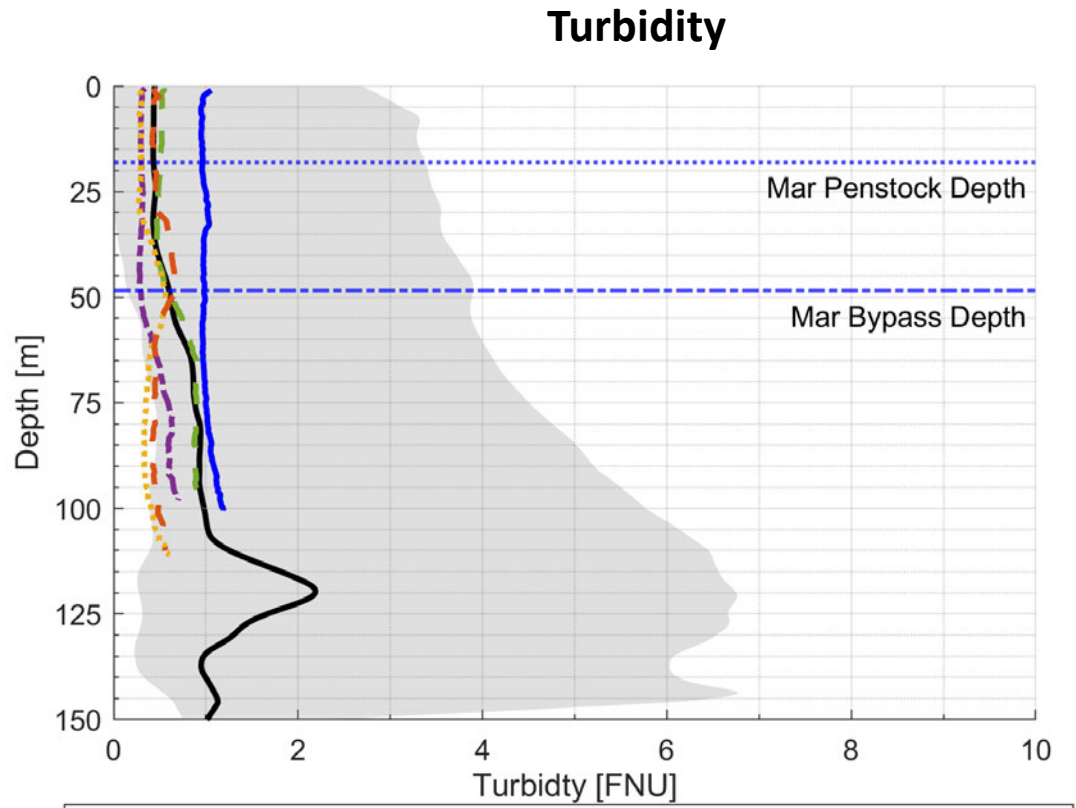
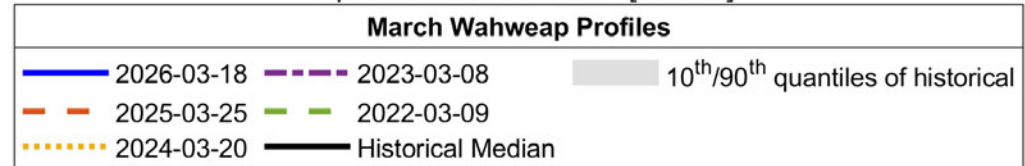
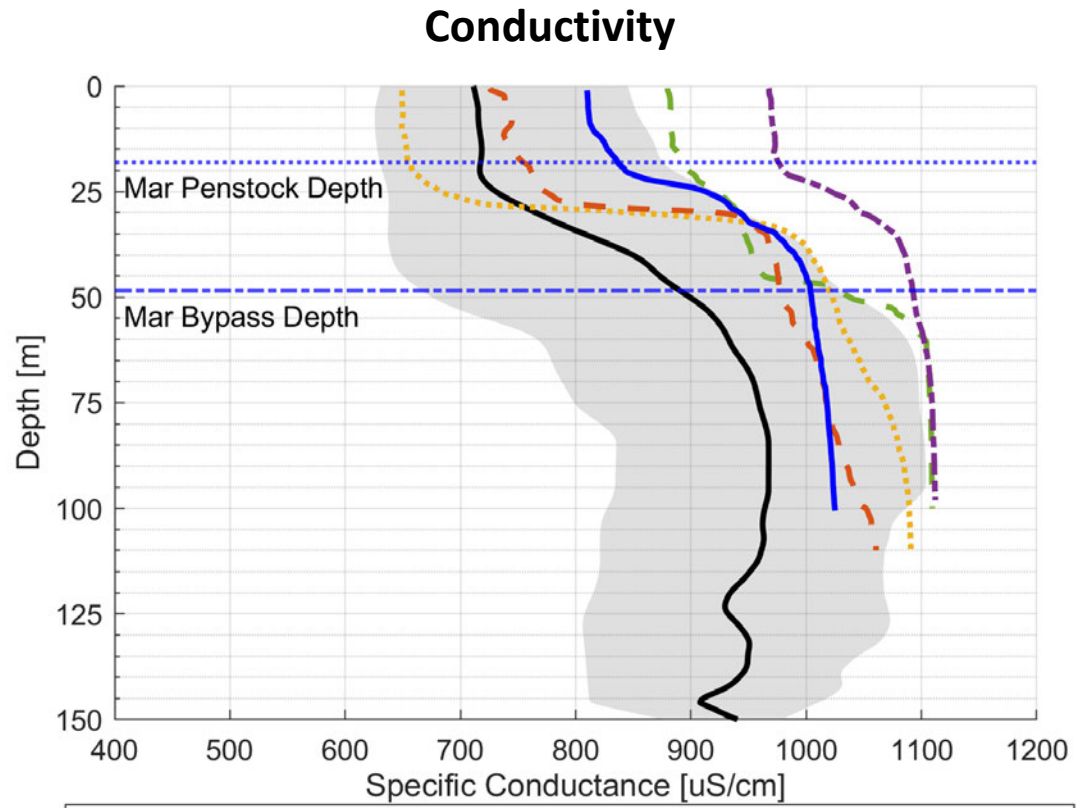


March Wahweap Profiles		
<span style="color: blue;">—</span> 2026-03-18	<span style="color: purple;">- - -</span> 2023-03-08	<span style="background-color: lightgrey;"> </span> 10 <sup>th</sup> /90 <sup>th</sup> quantiles of historical
<span style="color: orange;">- - -</span> 2025-03-25	<span style="color: green;">- - -</span> 2022-03-09	<span style="color: black;">—</span> Historical Median
<span style="color: yellow;">· · ·</span> 2024-03-20		

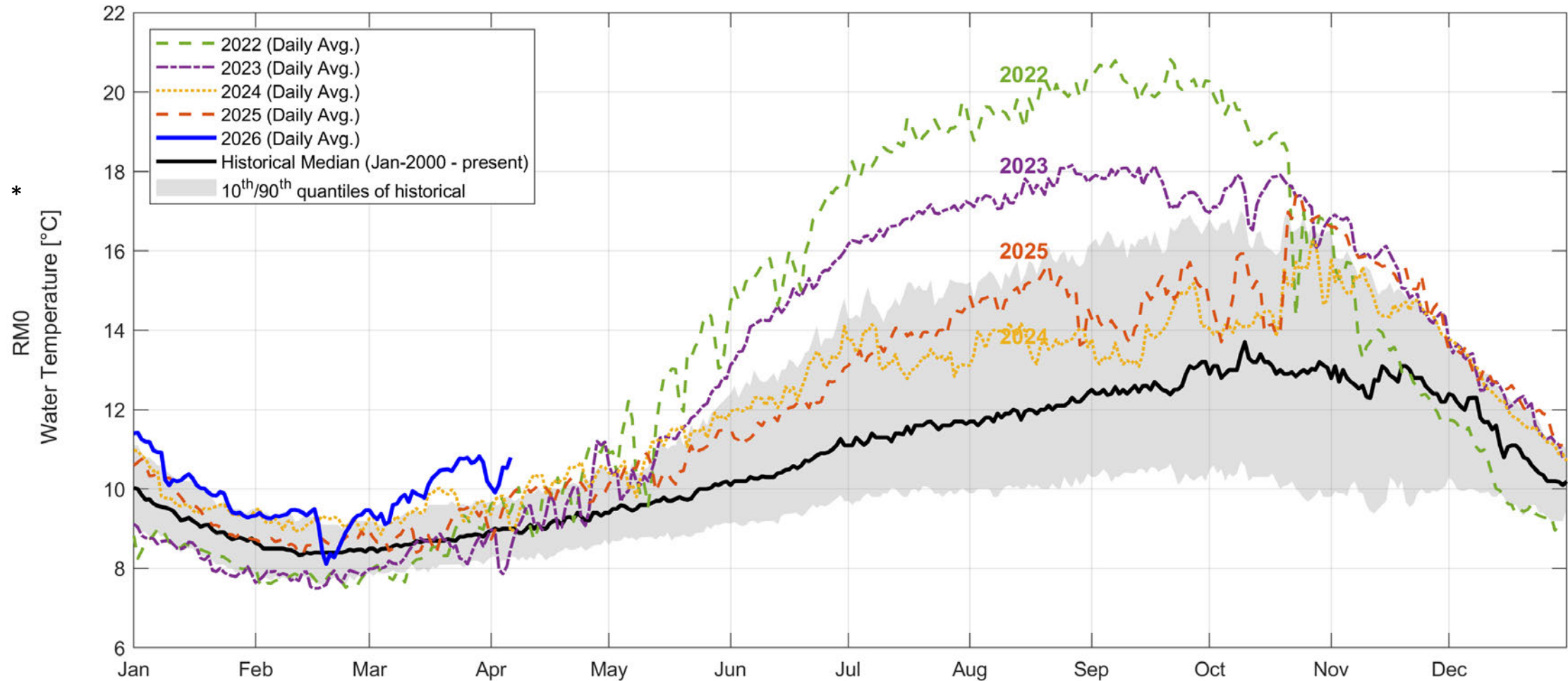
March Wahweap Profiles		
<span style="color: blue;">—</span> 2026-03-18	<span style="color: purple;">- - -</span> 2023-03-08	<span style="background-color: lightgrey;"> </span> 10 <sup>th</sup> /90 <sup>th</sup> quantiles of historical
<span style="color: orange;">- - -</span> 2025-03-25	<span style="color: green;">- - -</span> 2022-03-09	<span style="color: black;">—</span> Historical Median
<span style="color: yellow;">· · ·</span> 2024-03-20		



# Wahweap March Profiles



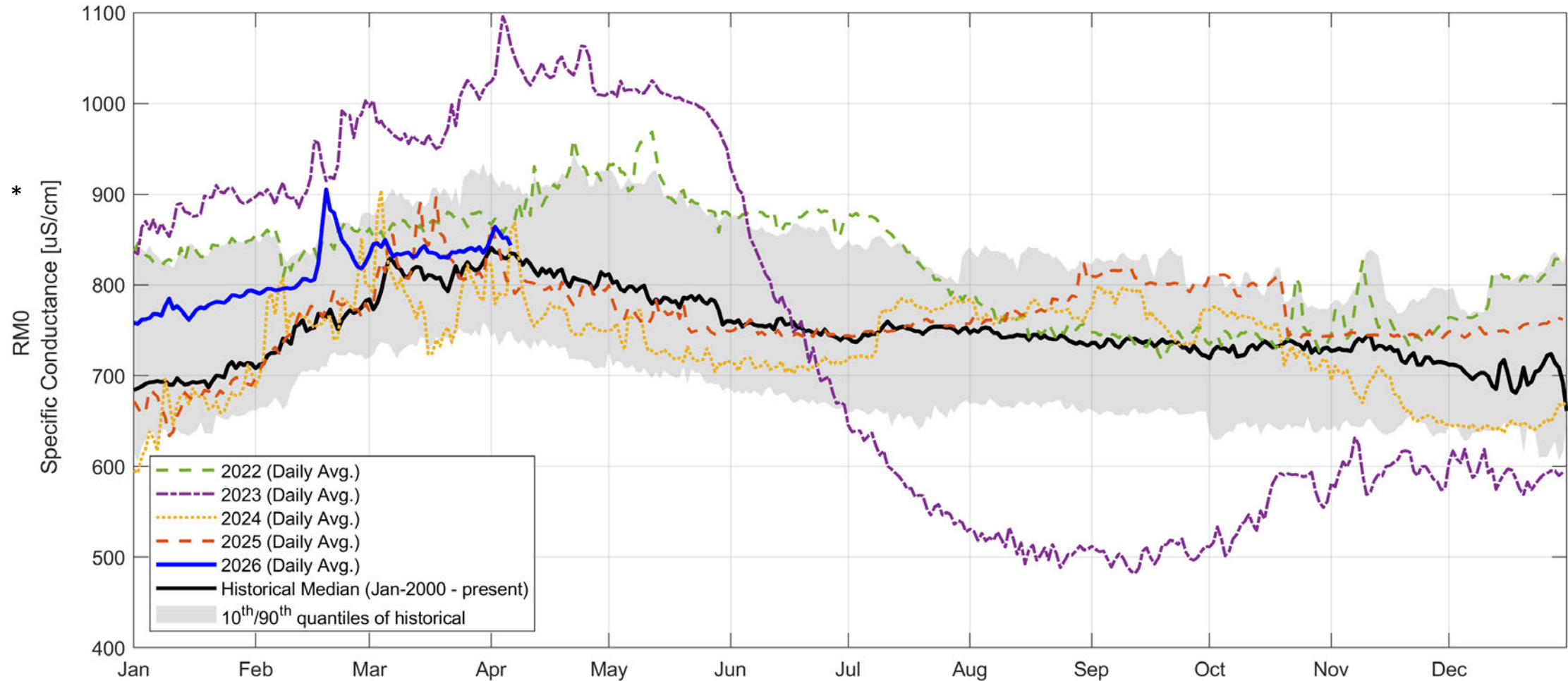
# Lee's Ferry - Temperature



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



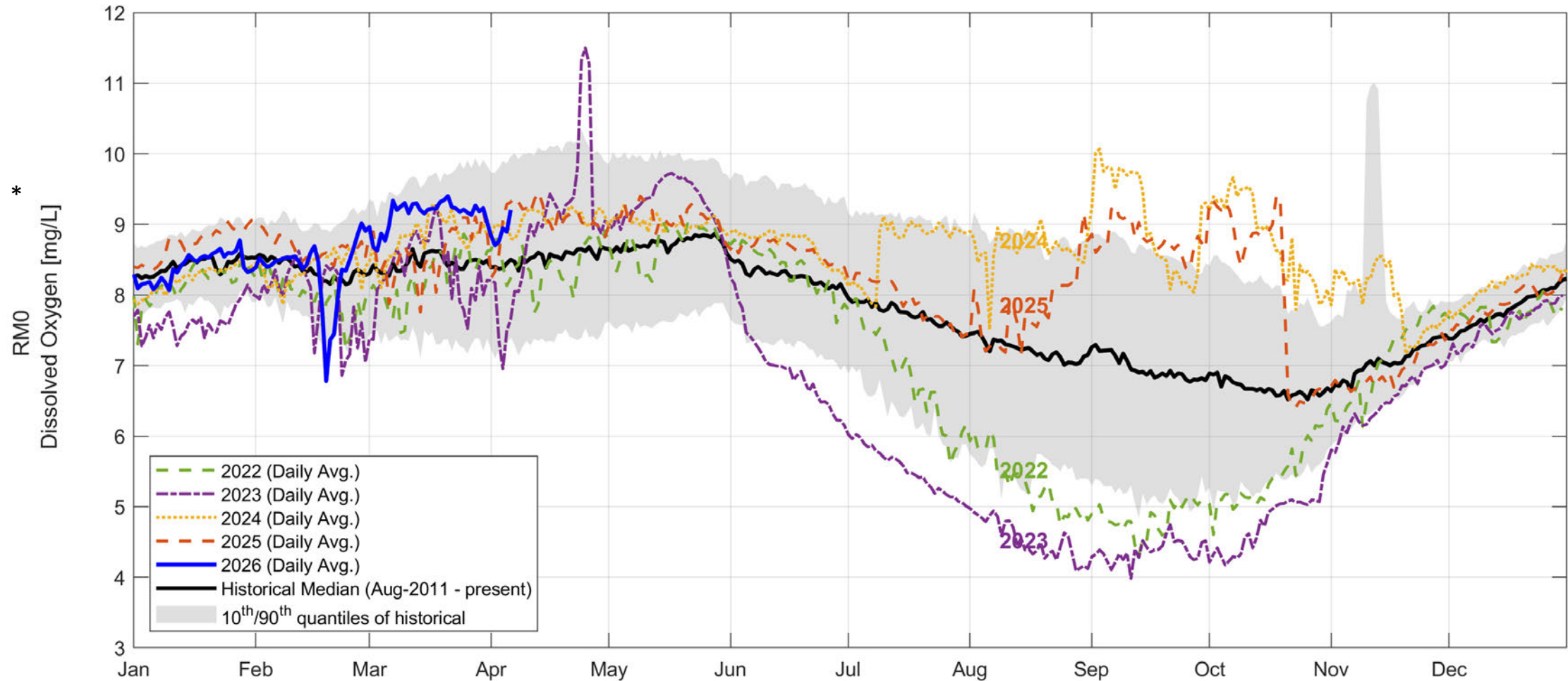
# Lee's Ferry – Conductivity



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



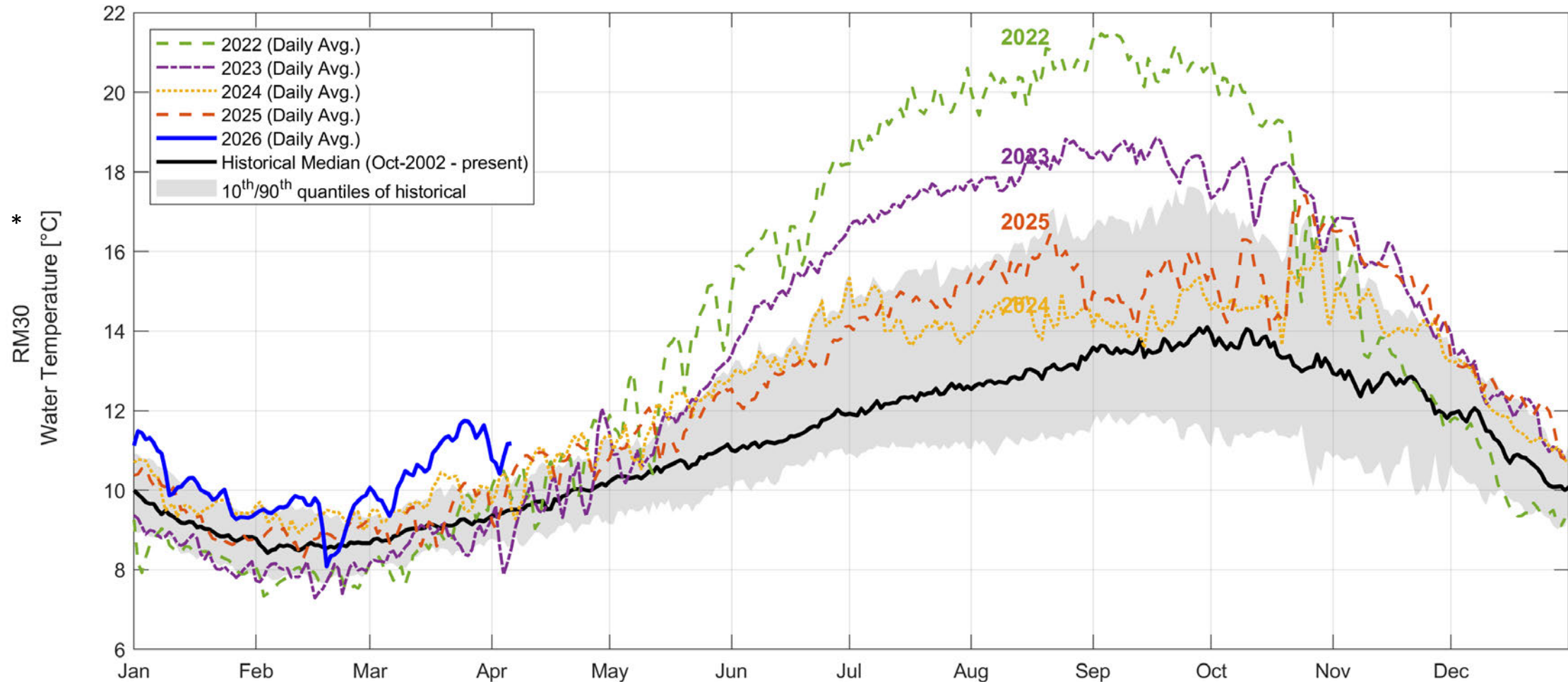
# Lee's Ferry – Dissolved Oxygen



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



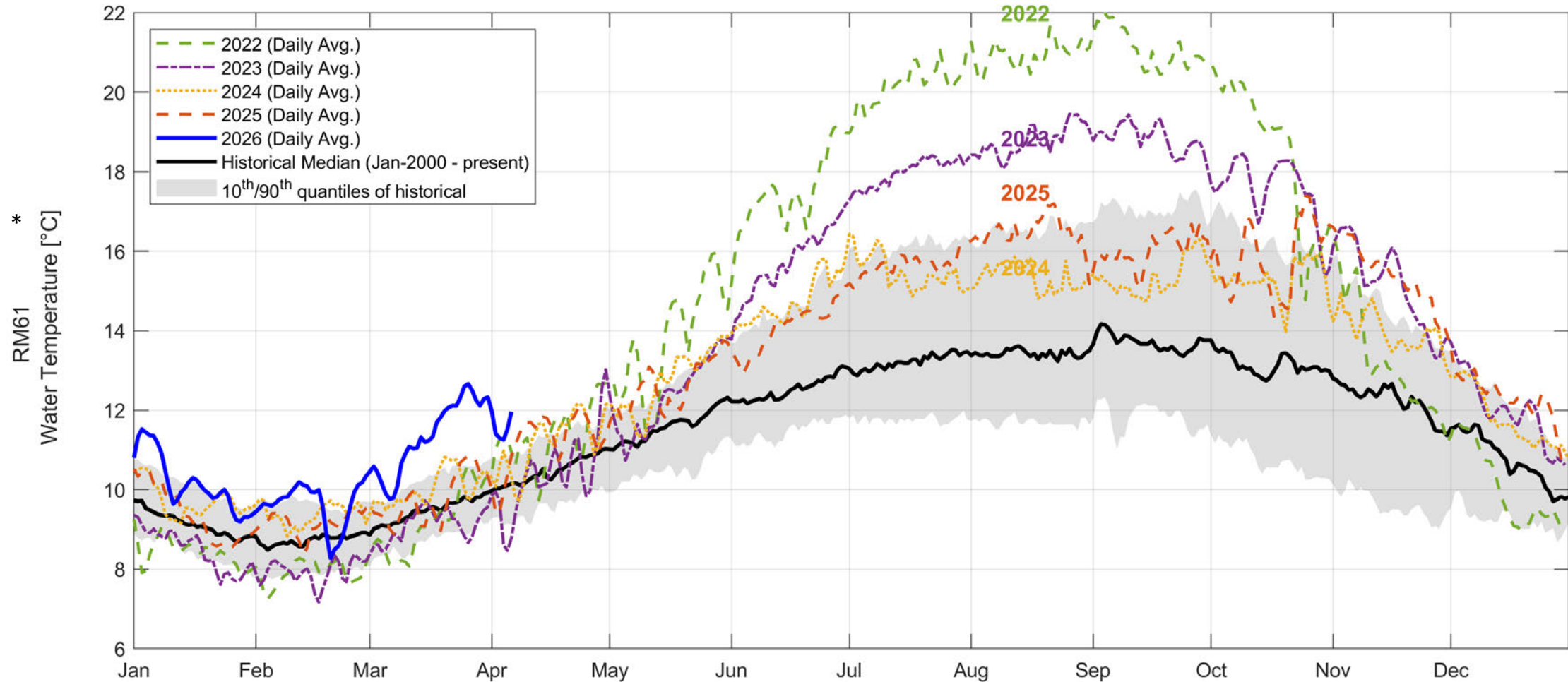
# River Mile 30 - Temperature



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



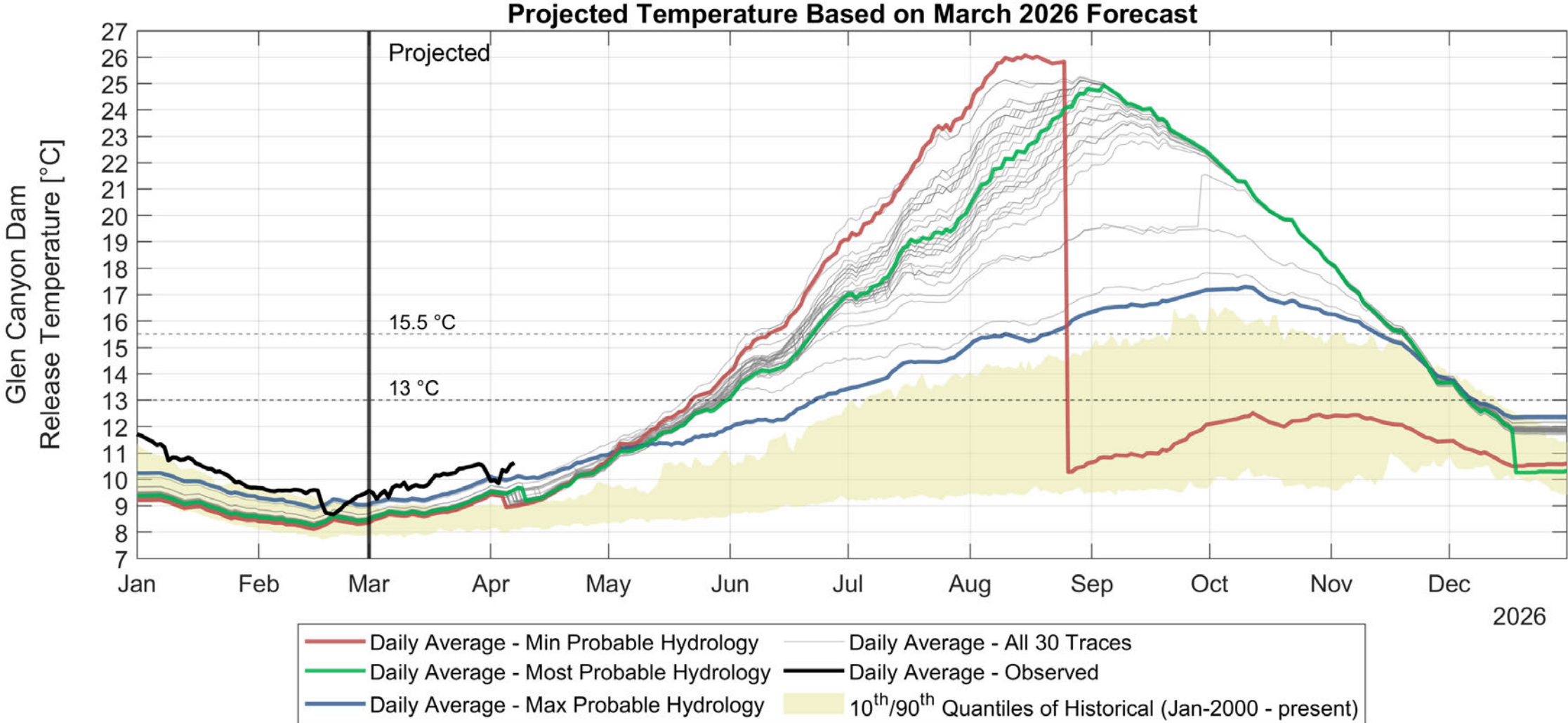
# River Mile 61 - Temperature



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



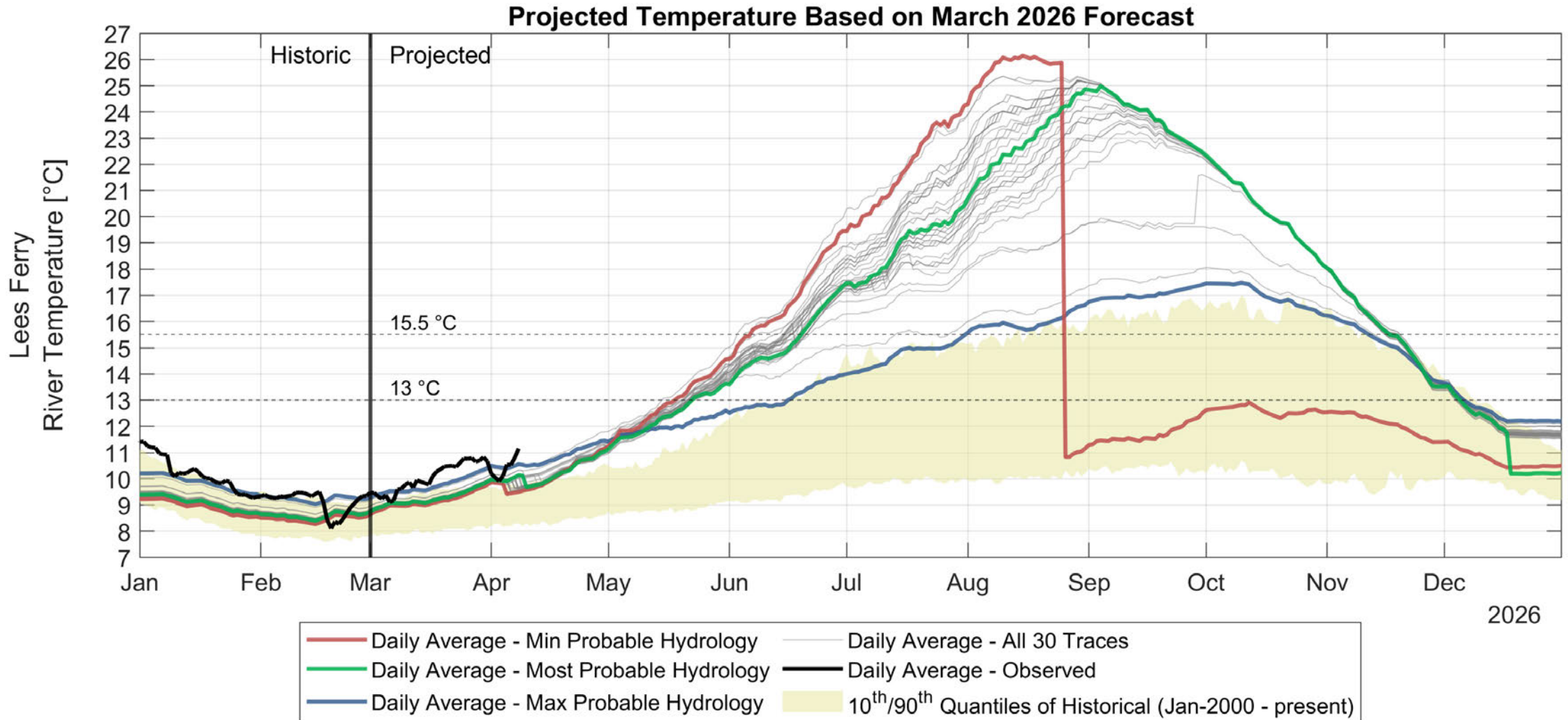
# Glen Canyon Dam Release Temperature (\*Eppheimer et al, 2024 model)



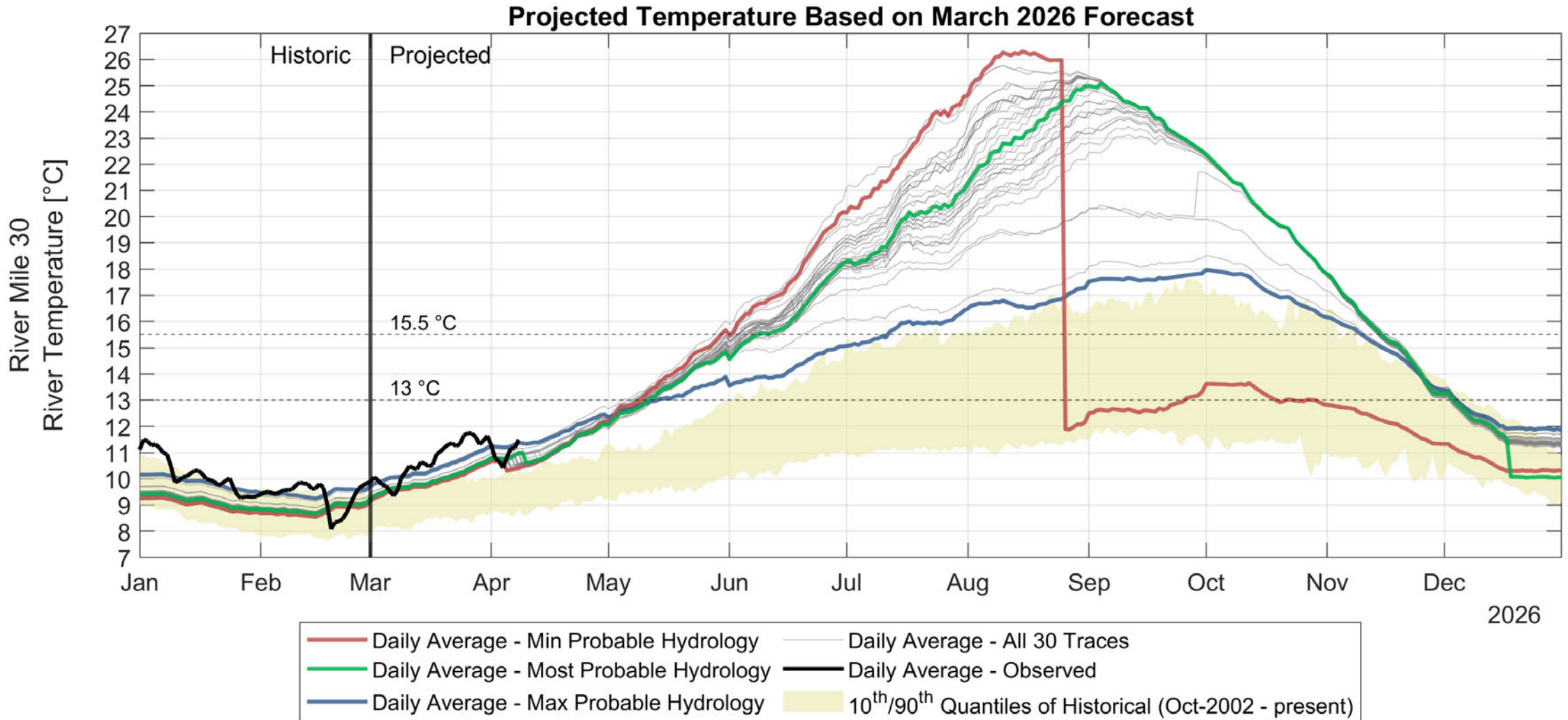
\* <https://doi.org/10.1101/2024.01.23.576966>



# Lees Ferry River Temperature (Dibble et al, 2020 model)



# River Mile 30 Temperature (\*Dibble et al, 2020 model)



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



# Combined Most Probable

