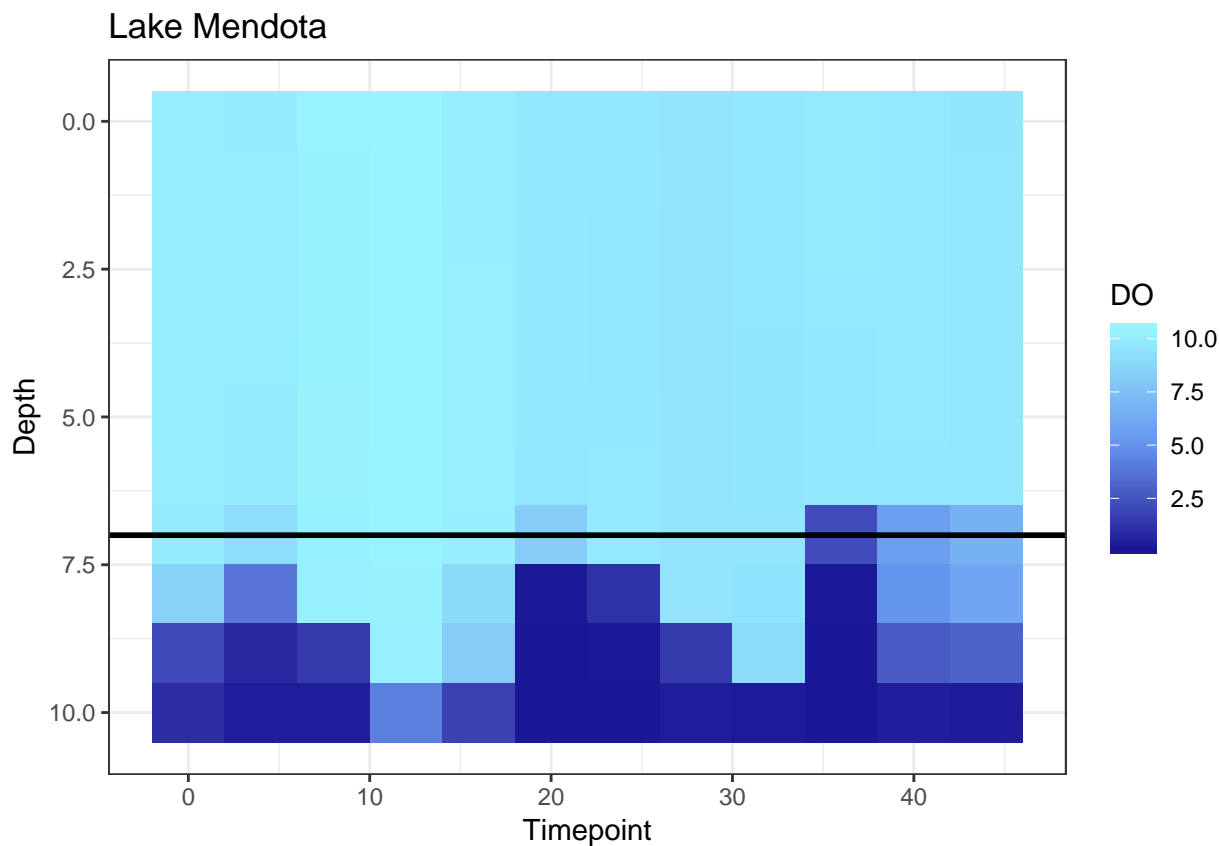
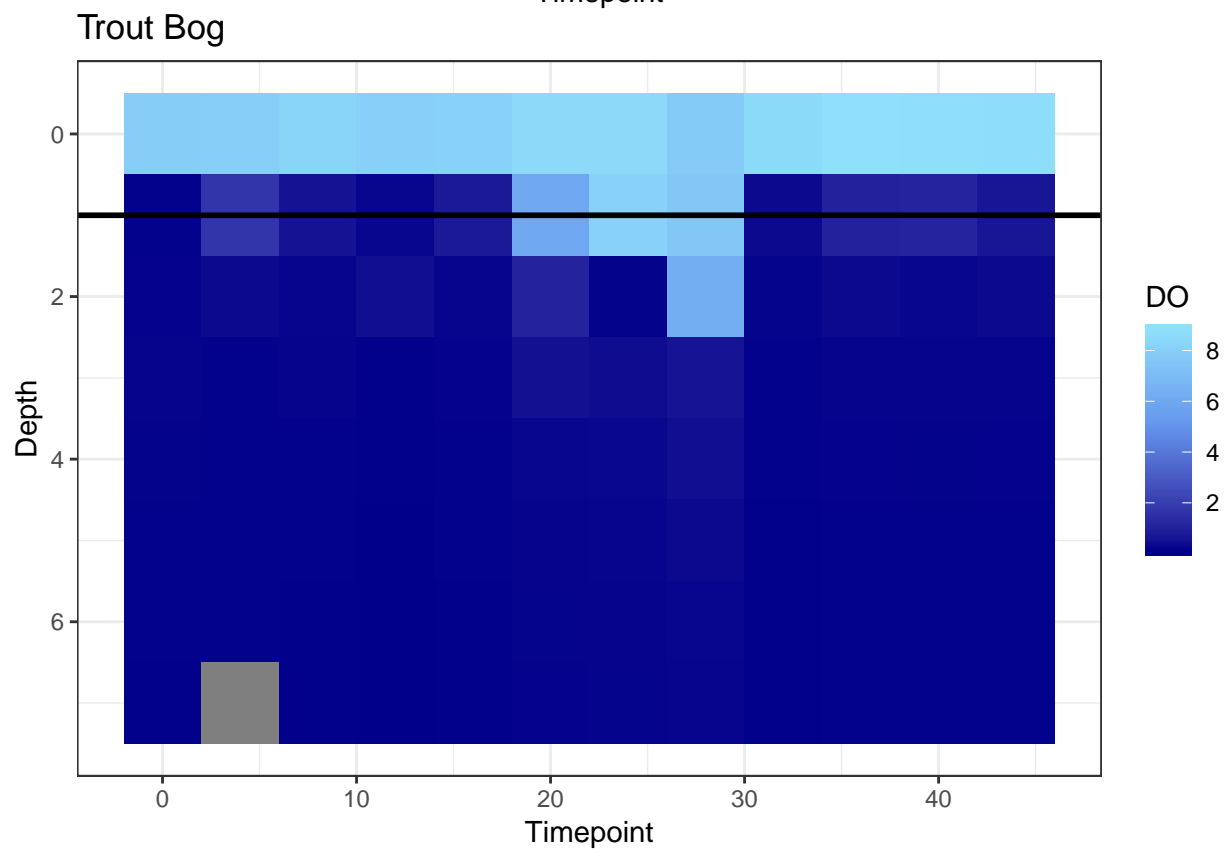
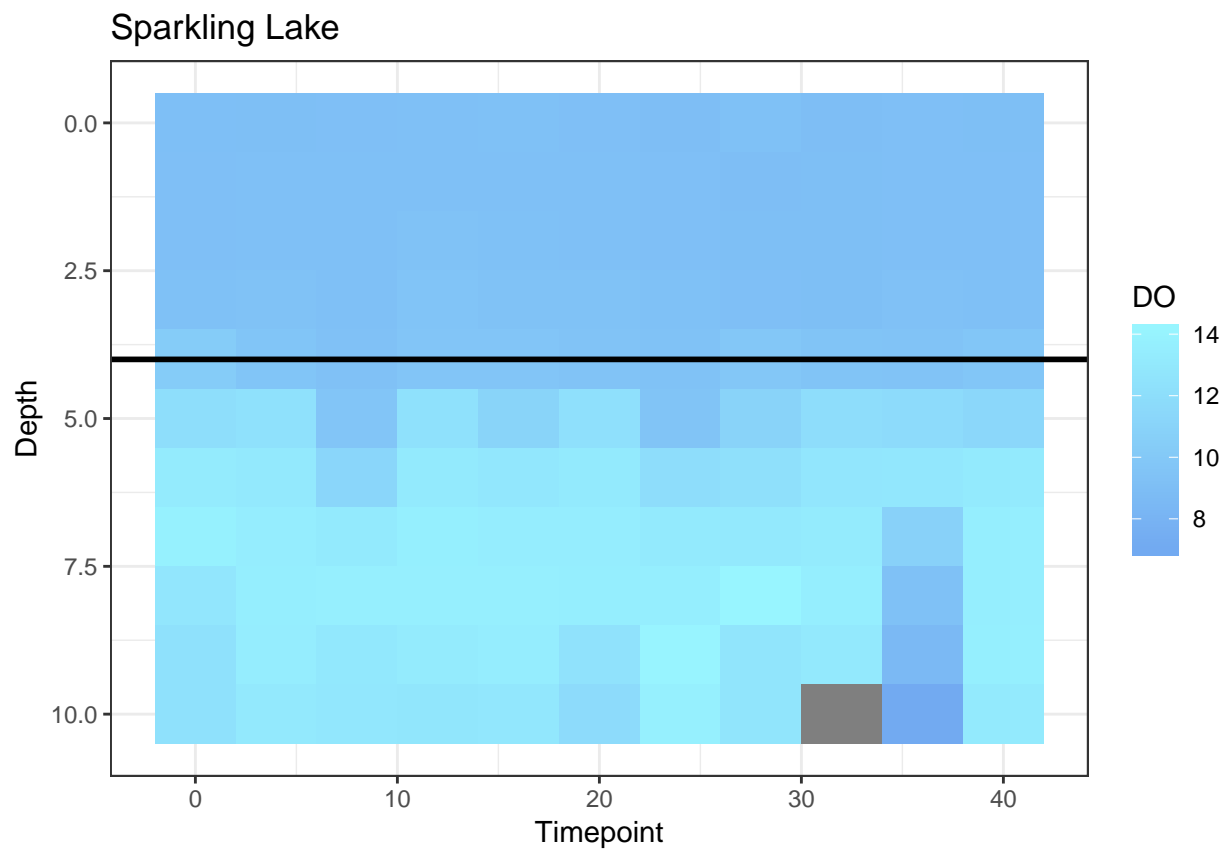
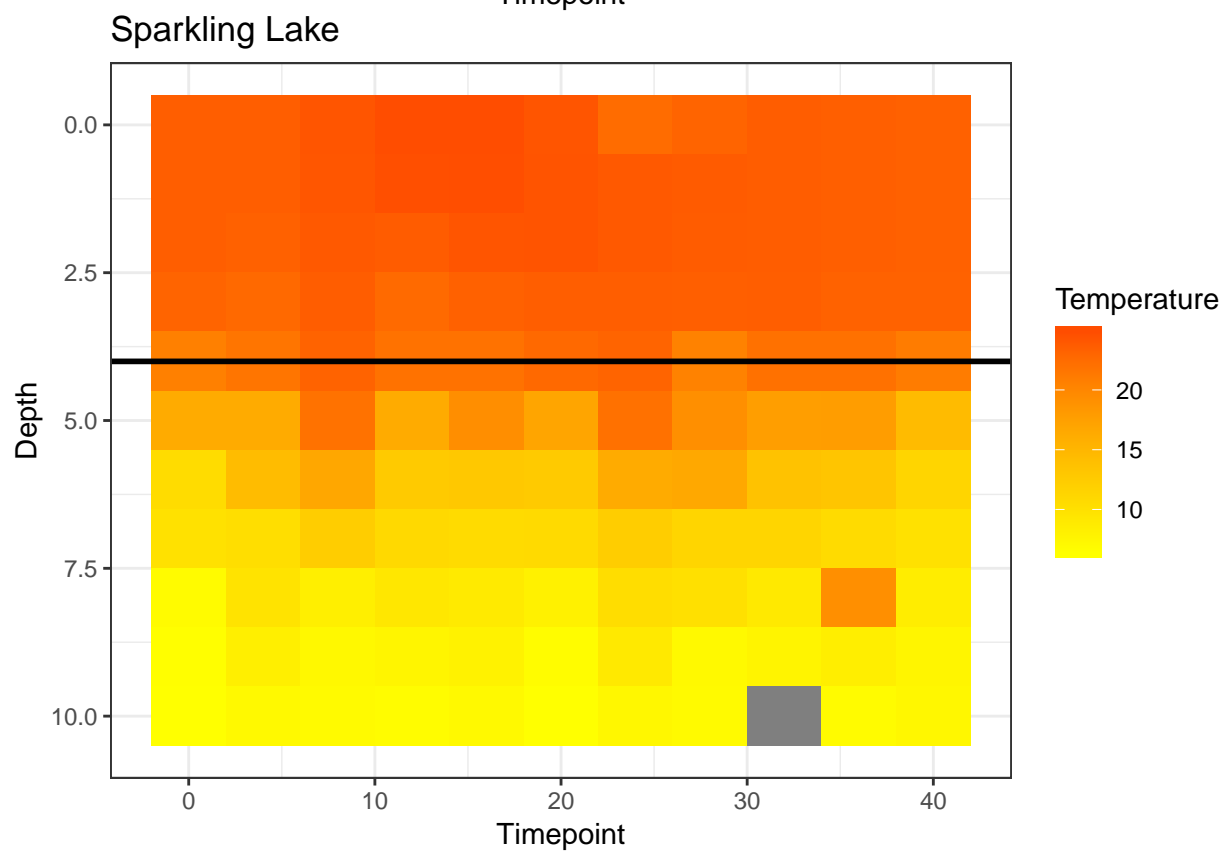
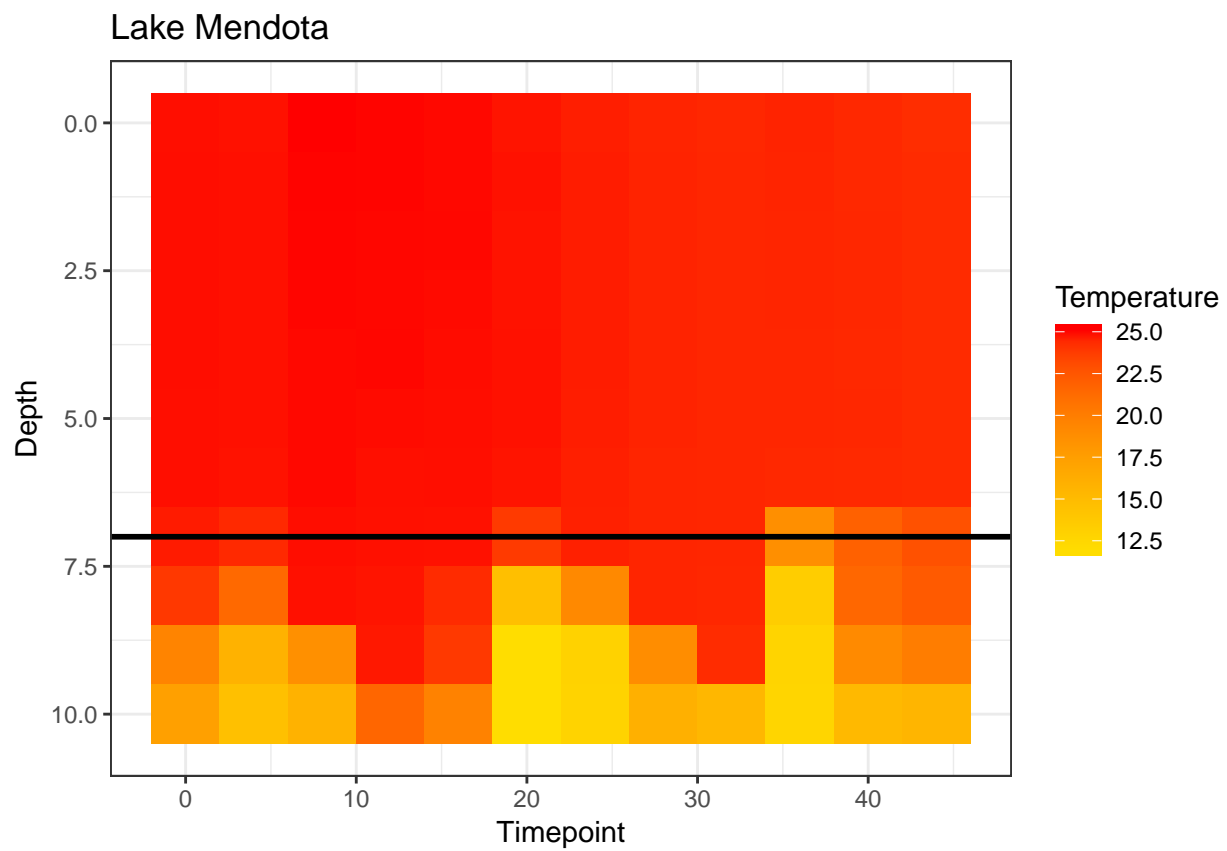


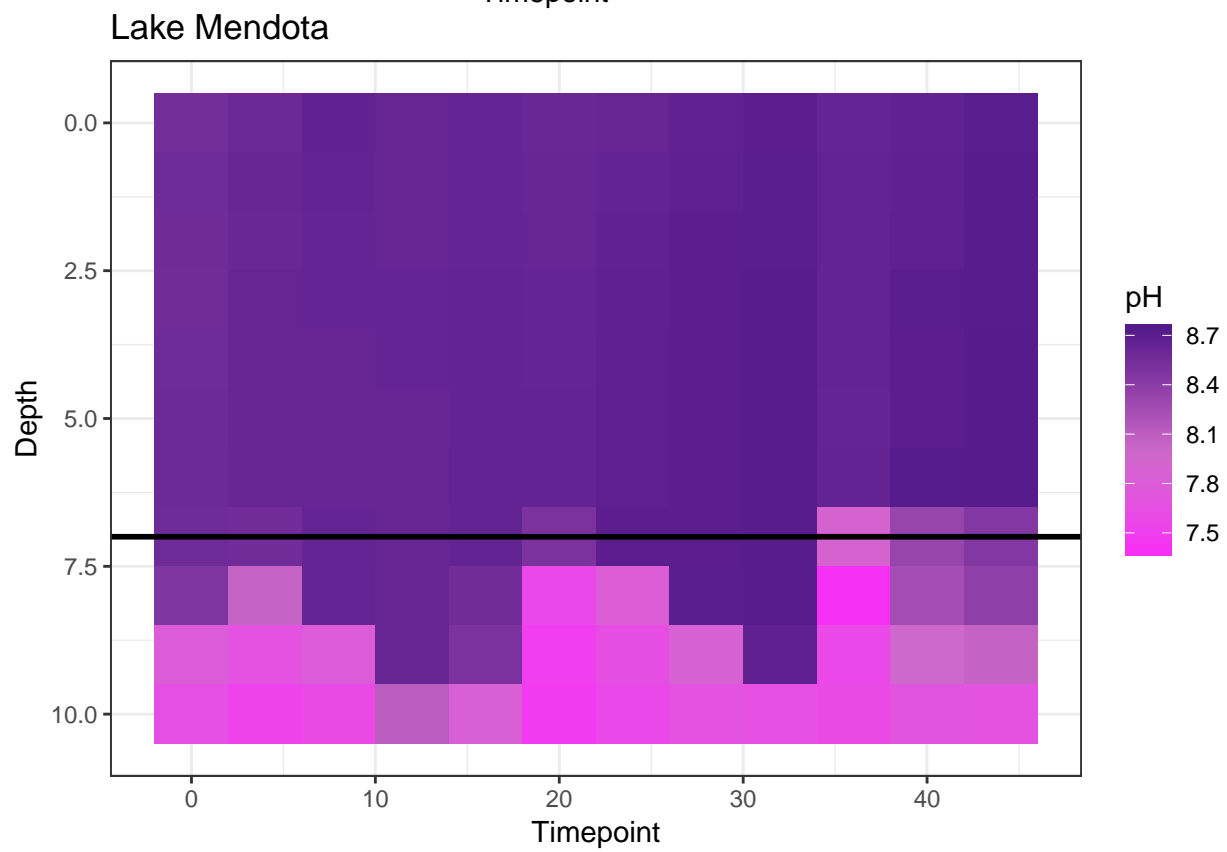
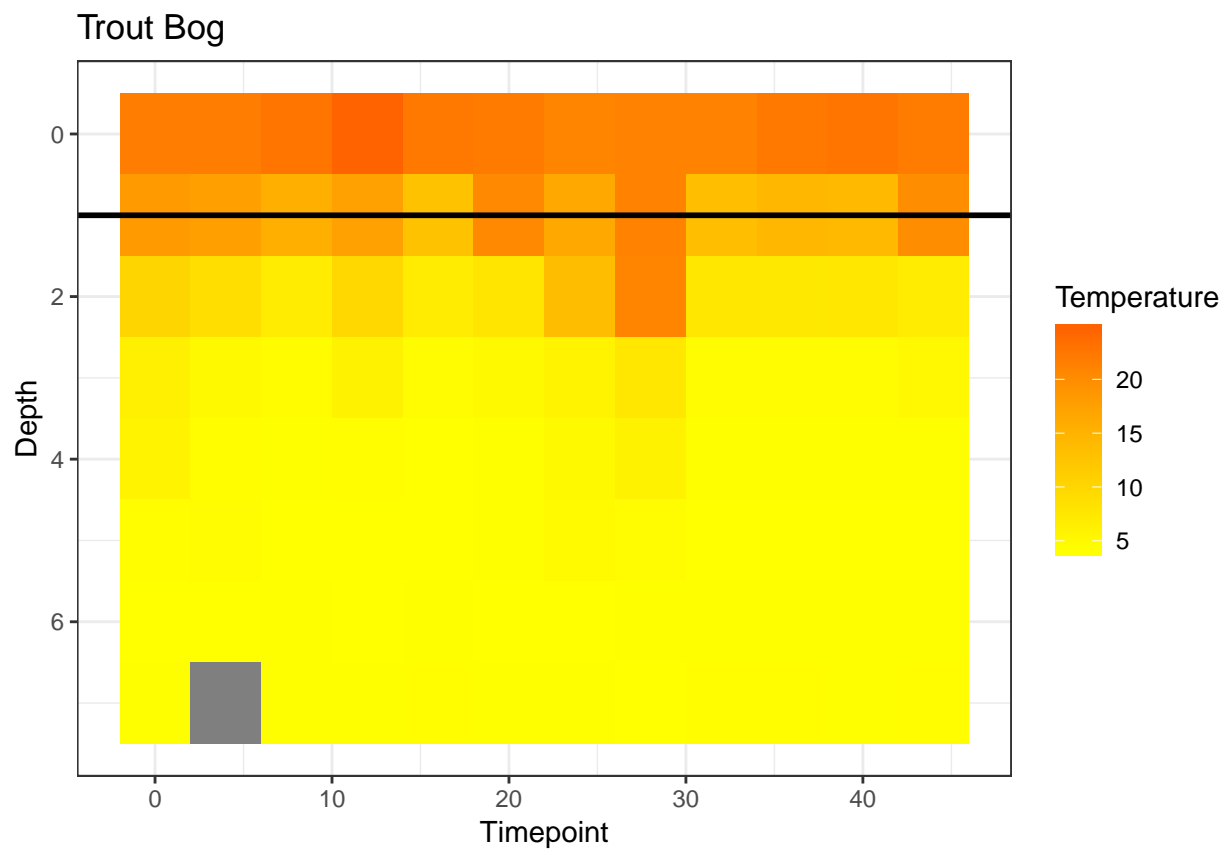
**Supplemental Figure S4. Additional environmental measurements collected during the meta-transcriptomic time series.** We used a multi-parameter sonde to collect data on the top 10 meters of the water column, including dissolved oxygen (DO, mg/L), temperature (Celsius), pH, and conductivity (us/cm). As Trout Bog is only 7 meters deep, the entire water column was measured. The maximum depth of sampling is indicated on each heatmap as a black horizontal line. These variables showed strong diel trends in Lake Mendota, but not in Sparkling Lake or Trout Bog.

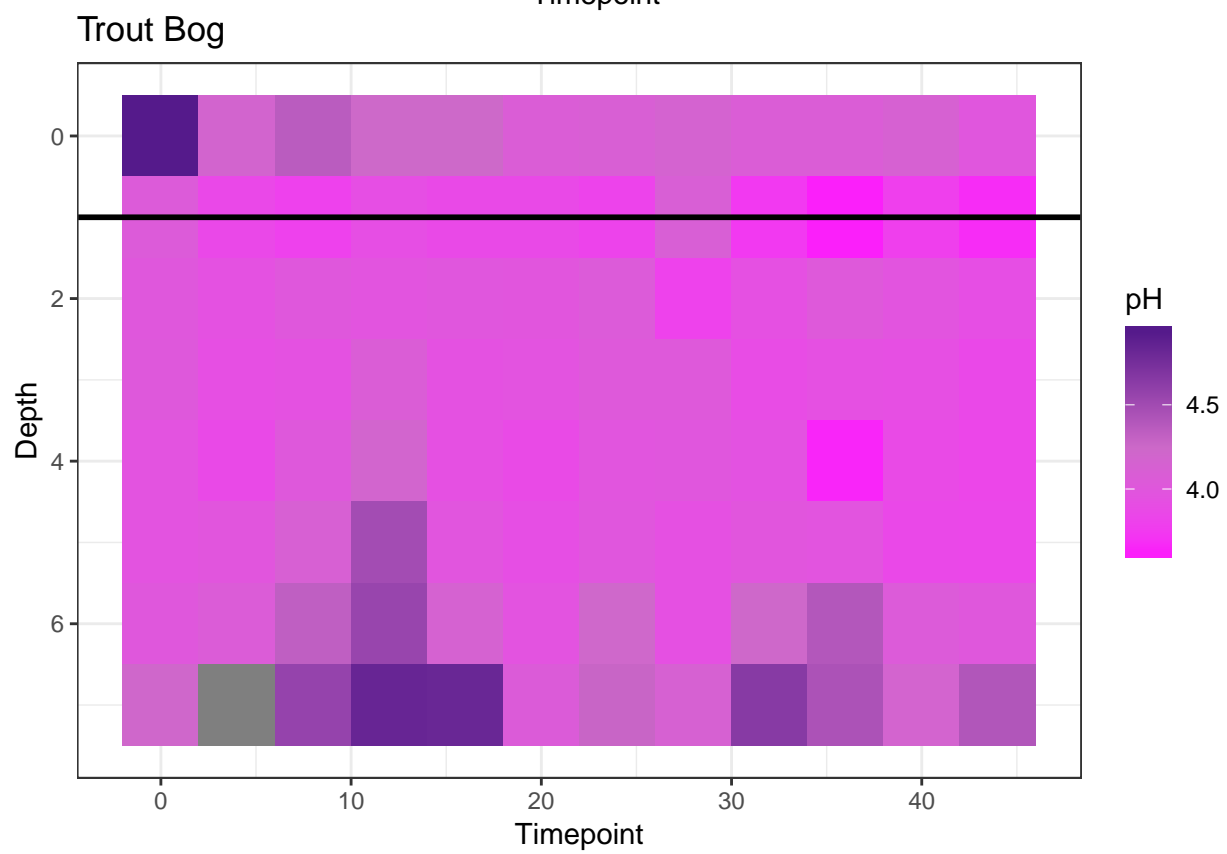
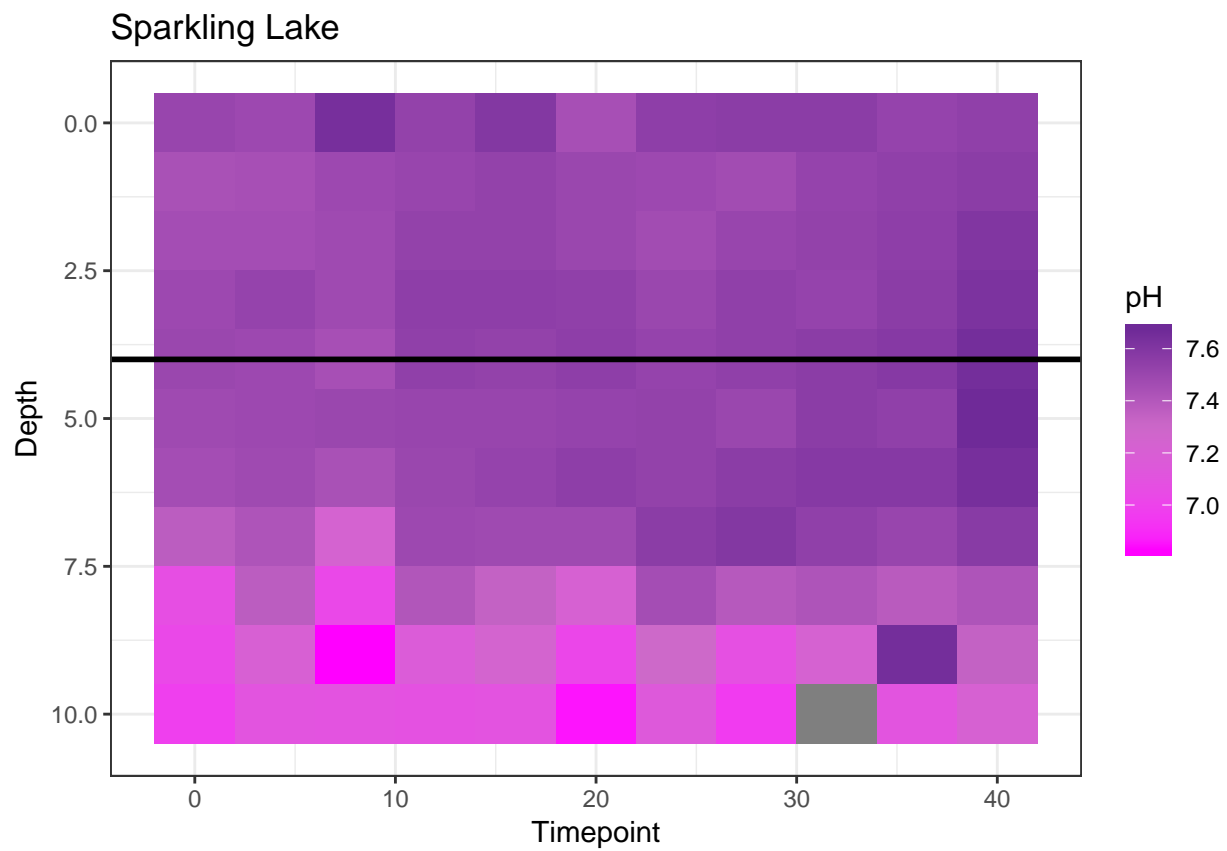
We also collected lab-based measurements of chlorophyll concentrations (ug/L). Chlorophyll concentrations were diel in Trout Bog, but not in Lake Mendota or Sparkling Lake.

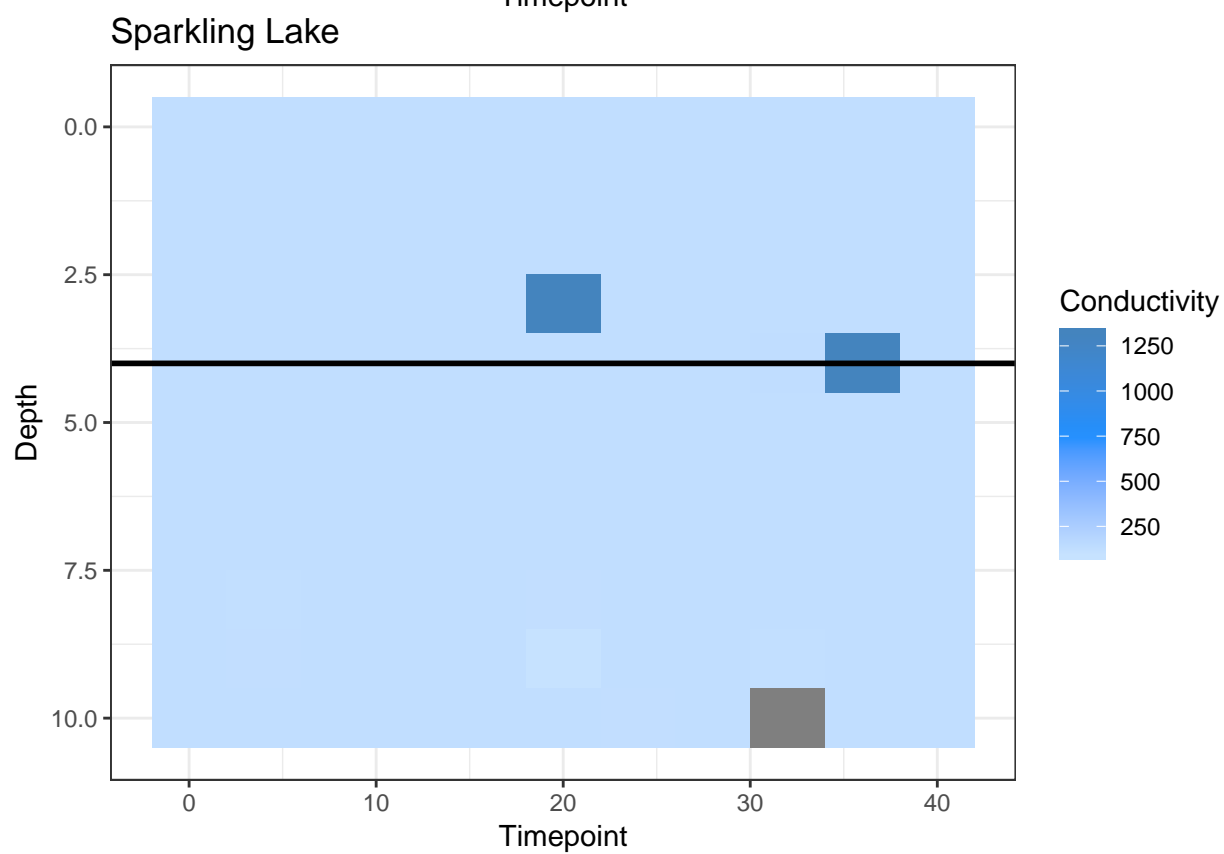
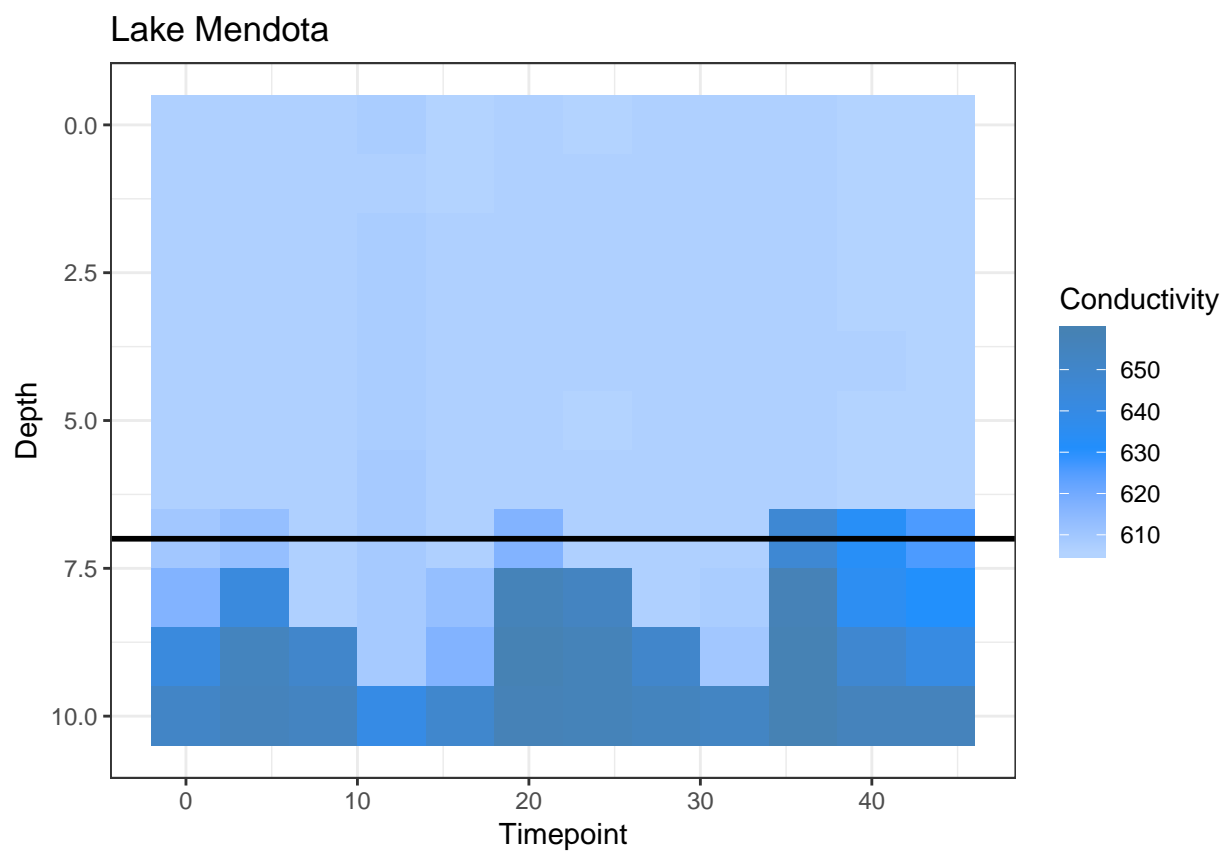


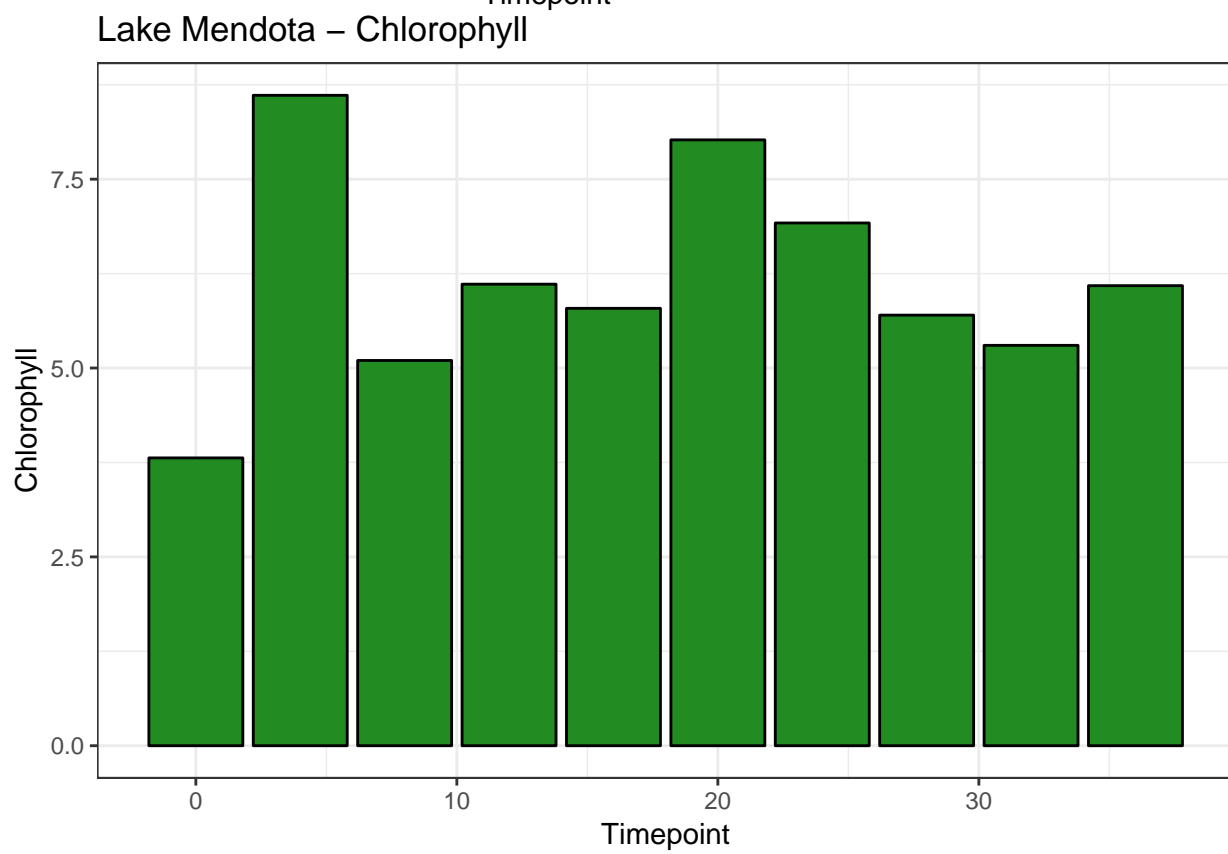
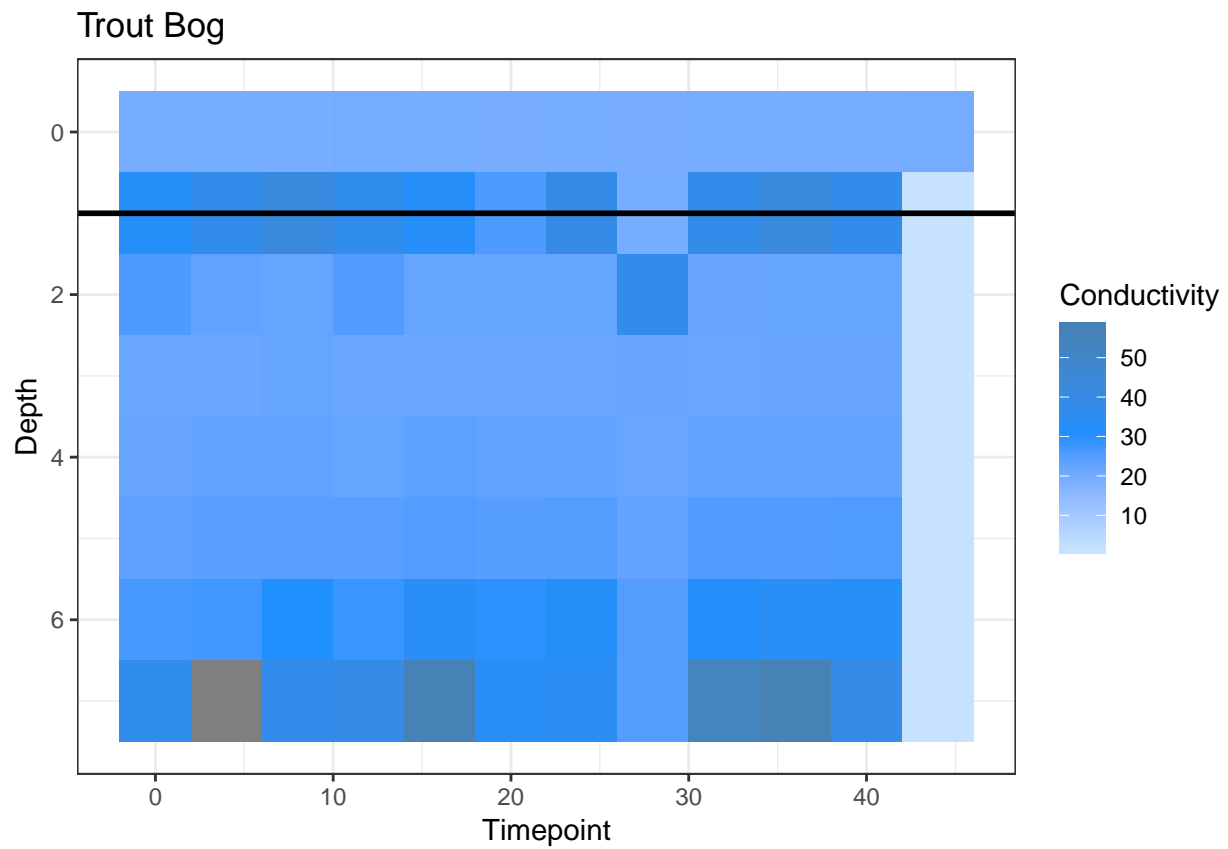




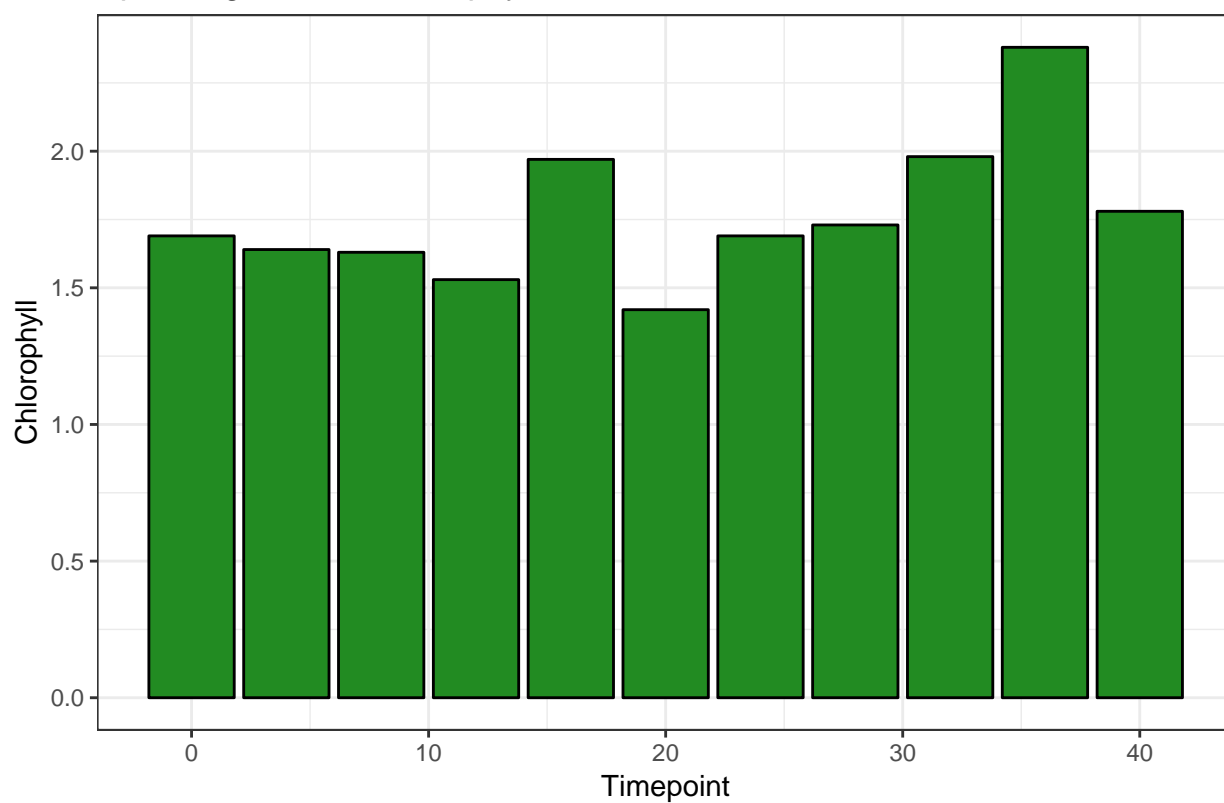








Sparkling Lake – Chlorophyll



Trout Bog – Chlorophyll

