



The temperature profile shows the thermocline at ≈ 20 feet with a difference of 20°F between 15 and 25 feet.

The dissolved oxygen (measured in milligram per liter) profile shows that a lot of photosynthesis is occurring right around 20 feet. Below there, it decreases due to the lack of mixing below the thermocline, and the oxygen demand from decay of organic matter near the bottom.