

This page contains the real time water quality readings from our four continuous monitoring buoys in Lake Maurepas: the Amite (blue), Blind (black), Maurepas (purple), and Tickfaw (pink) buoys. By providing real-time data, our aim is to enhance the community's understanding of Lake Maurepas' current status and to elevate their awareness regarding water quality and atmospheric conditions in the area. Click on the buoys in the interactive map below to learn more details about each one.



Disable map scroll

Esri, CGIAR, USGS | CONANP Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, USFWS

Powered by [Esri](#)

The water quality parameters monitored by these buoys include CO₂, temperature, turbidity, specific conductivity, salinity, dissolved oxygen concentration (mg/L and % saturation), and pH. The Blind Buoy is also fit with a weather station that monitors atmospheric conditions in addition to water quality. This includes air temperature, rain total, rain intensity, dew point, barometric pressure, relative humidity, wind speed, wind gust speed, and wind direction. All water quality and meteorological parameters are measured every 30 minutes, 7 days a week, starting on the date of deployment (1/31/2024).

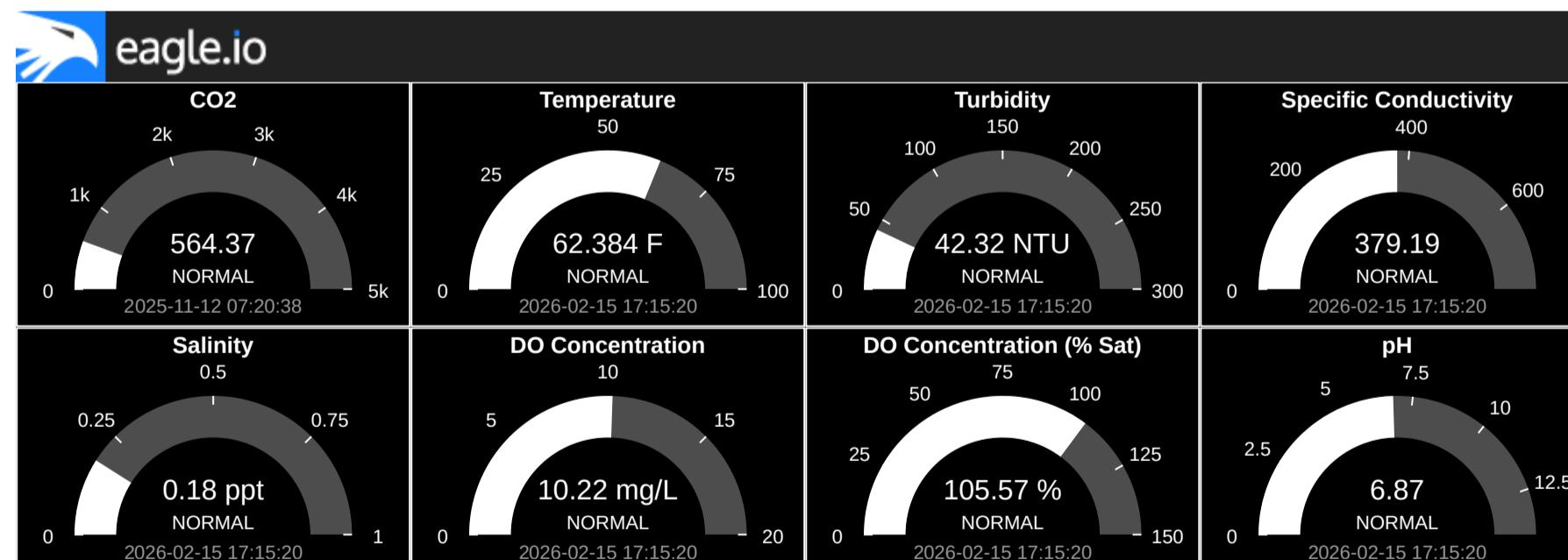
Note: All dashboards and maps presented on this page are provisional and subject to revision.

If viewing on a mobile device, scroll down on each dashboard to view the full list of parameters.

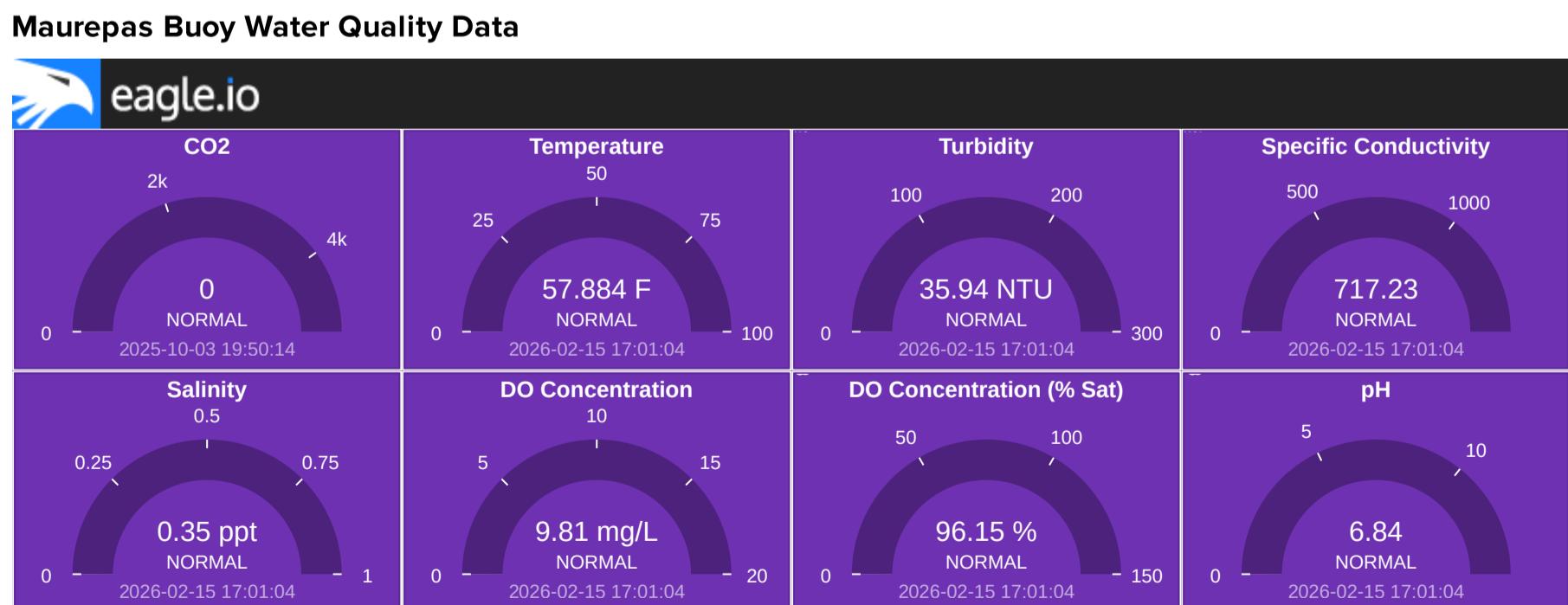
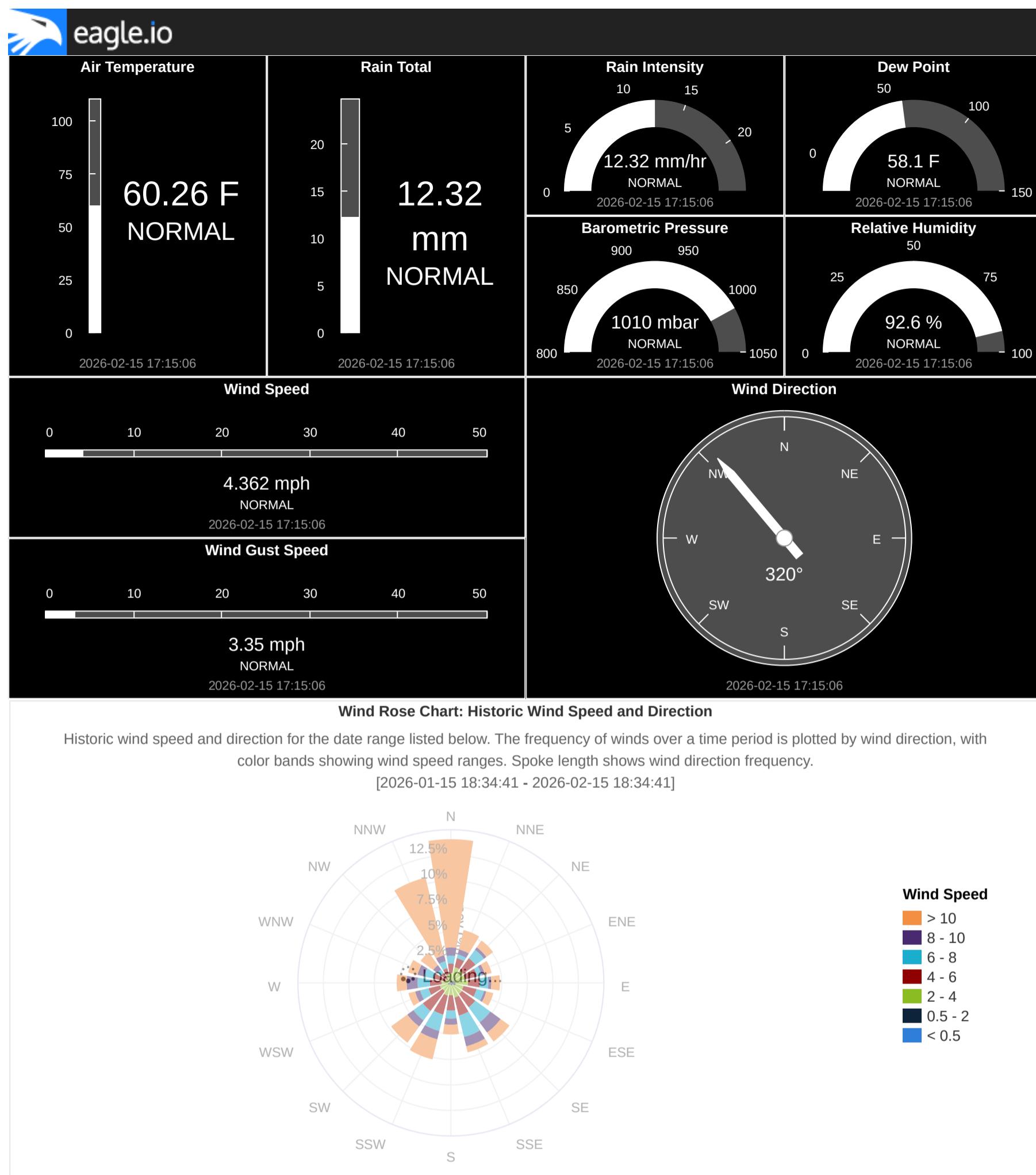
Amite Buoy Water Quality Data



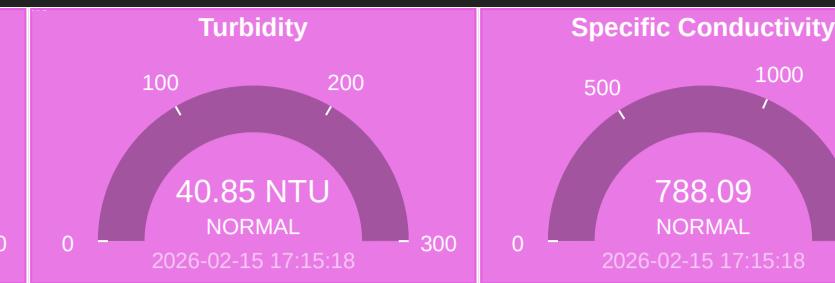
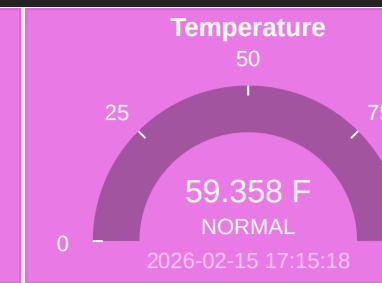
Blind Buoy Water Quality Data



Blind Buoy Weather Station Data

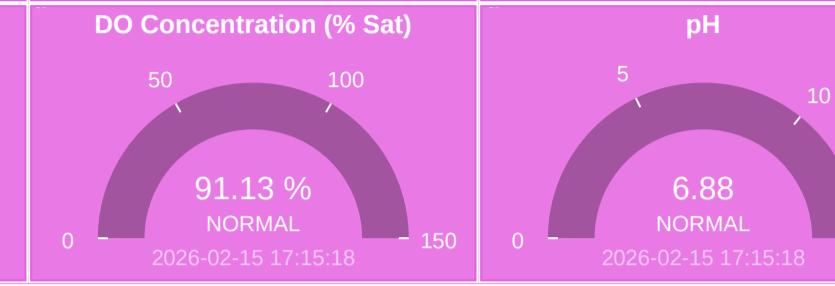
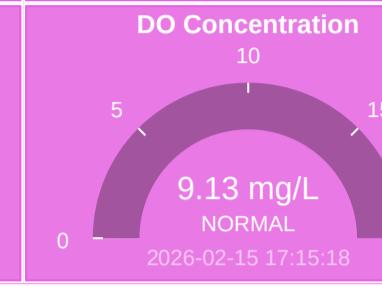
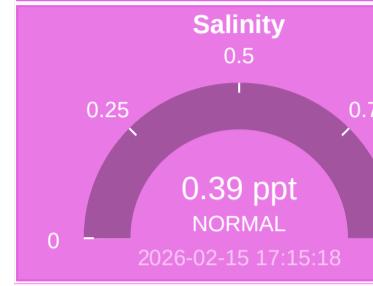


Tickfaw Buoy Water Quality Data



Specific Conductivity

A semi-circular gauge with a dark purple gradient. The scale ranges from 0 to 1500, with major tick marks at 0, 500, 1000, and 1500. The value 788.09 is displayed in white text in the center. Below the value is the word "NORMAL". At the bottom of the gauge, the timestamp "2026-02-15 17:15:18" is shown.



pH

A semi-circular gauge with a dark purple gradient. The scale ranges from 0 to 10, with major tick marks at 0, 5, and 10. The value 6.88 is displayed in white text in the center. Below the value is the word "NORMAL". At the bottom of the gauge, the timestamp "2026-02-15 17:15:18" is shown.