

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.



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The water quality parameters monitored by these buoys include CO<sub>2</sub>, 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).

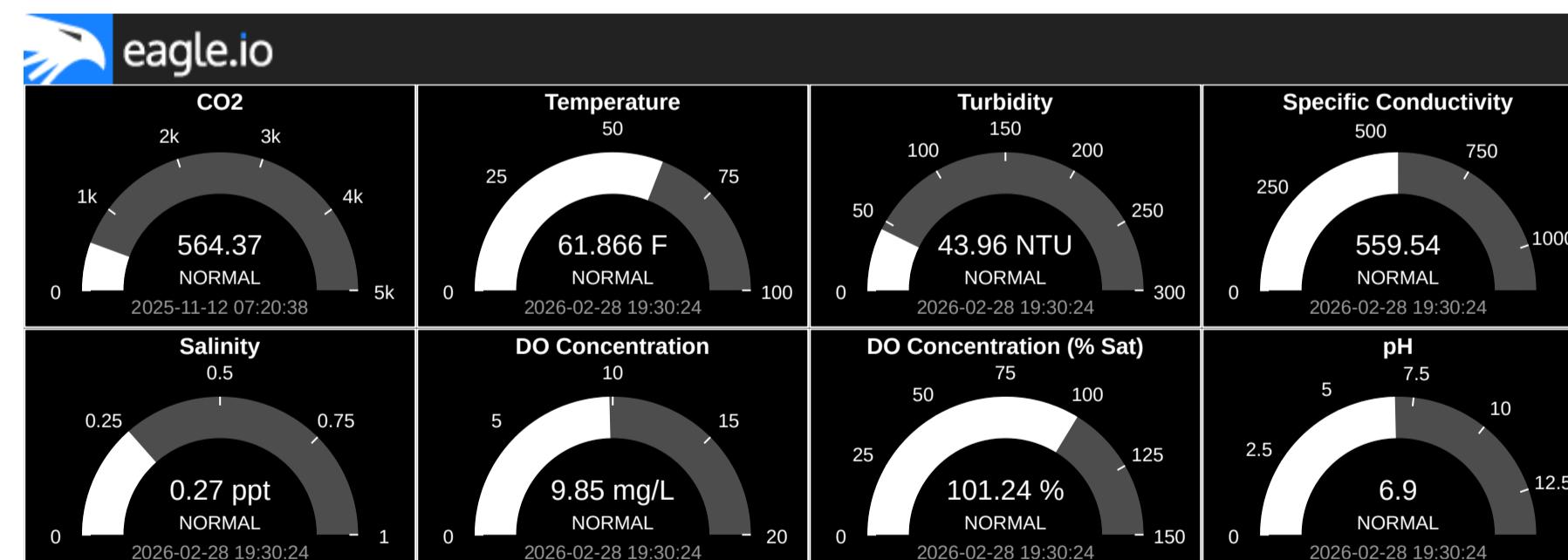
Note: All dashboards and maps presented on this page are provisional and subject to revision.

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

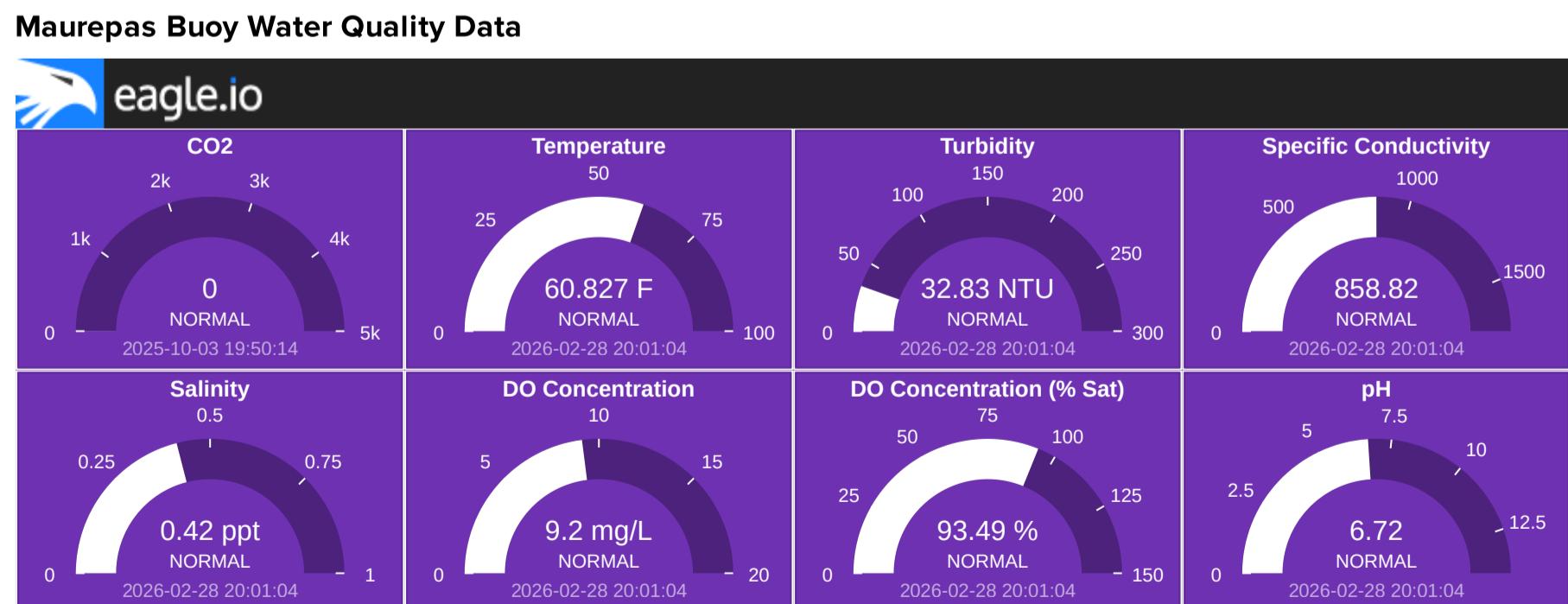
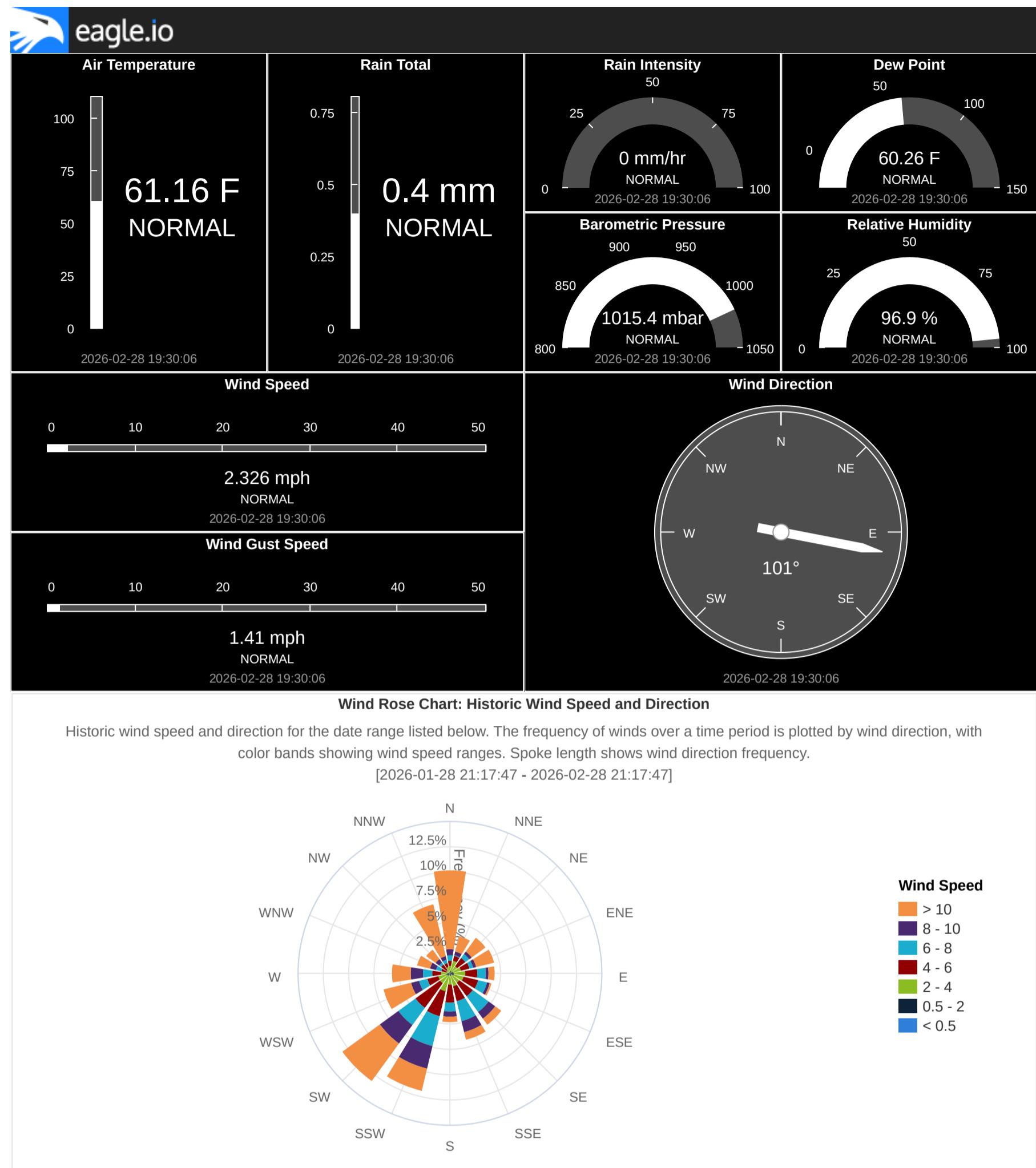
### Amite Buoy Water Quality Data



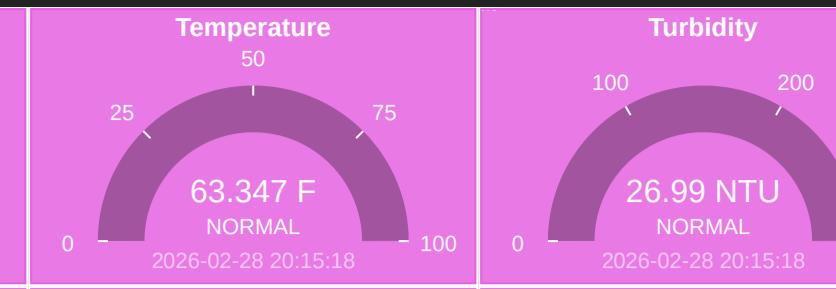
### Blind Buoy Water Quality Data



### Blind Buoy Weather Station Data



**Tickfaw Buoy Water Quality Data**



Specific Conductivity

2k

1k

0

1k

2k

3k

4k

5k

6k

7k

8k

9k

10k

11k

12k

13k

14k

15k

16k

17k

18k

19k

20k

21k

22k

23k

24k

25k

26k

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68k

69k

70k

71k

72k

73k

74k

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