

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

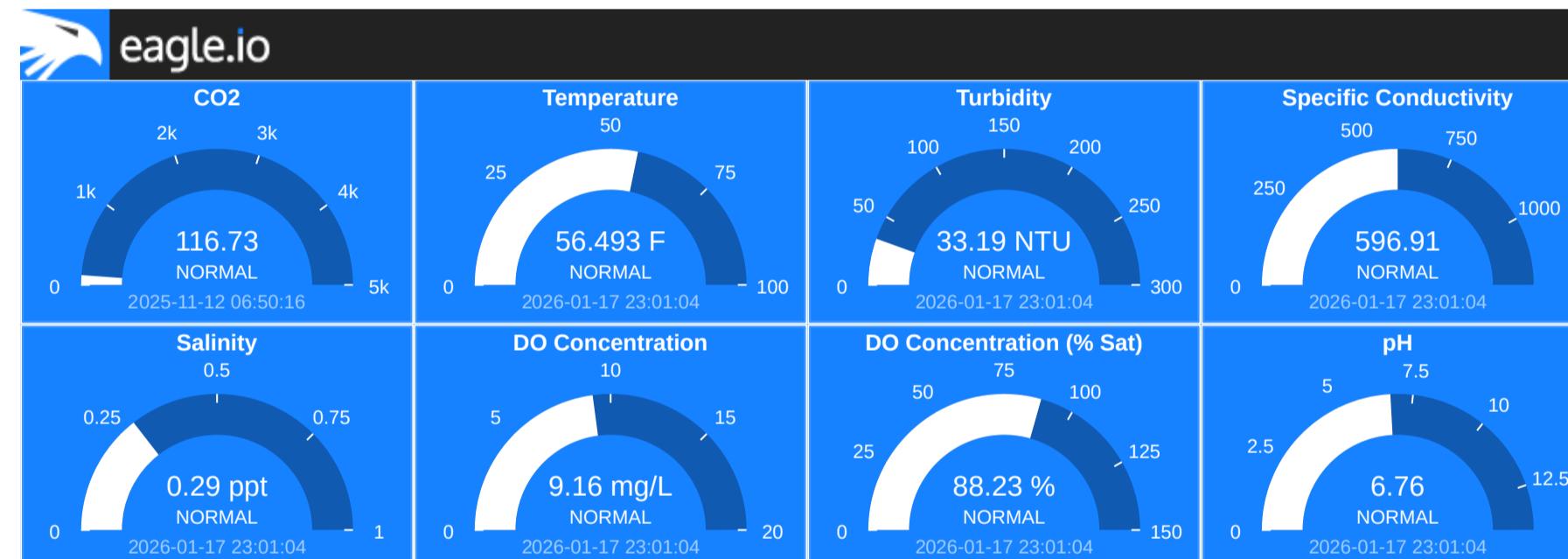
Powered by [Esri](#)

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).

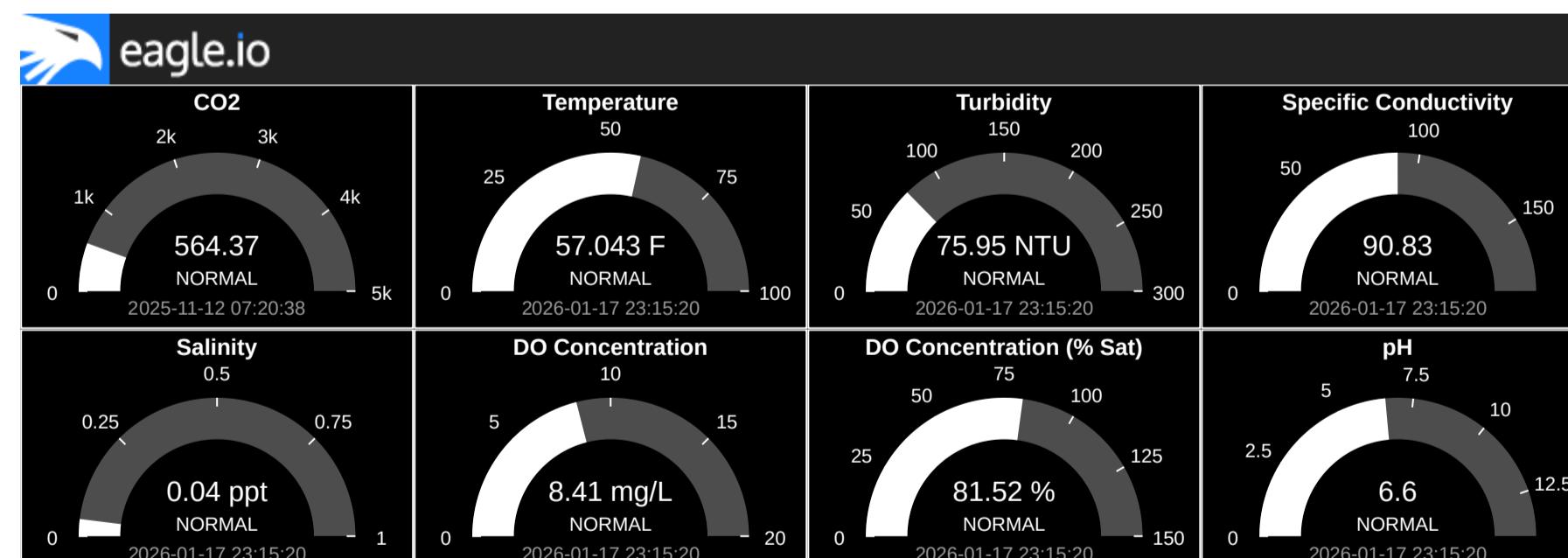
Note: All dashboards and maps presented on this page are provisional and subject to revision.

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

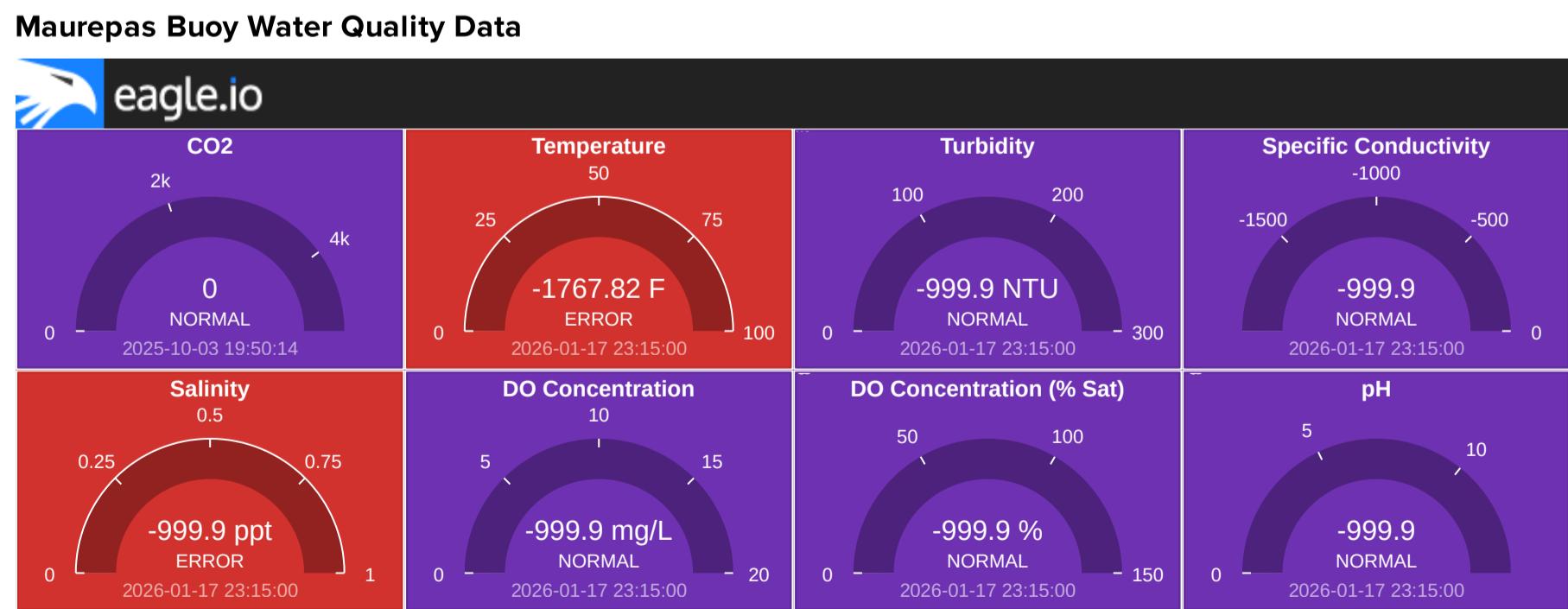
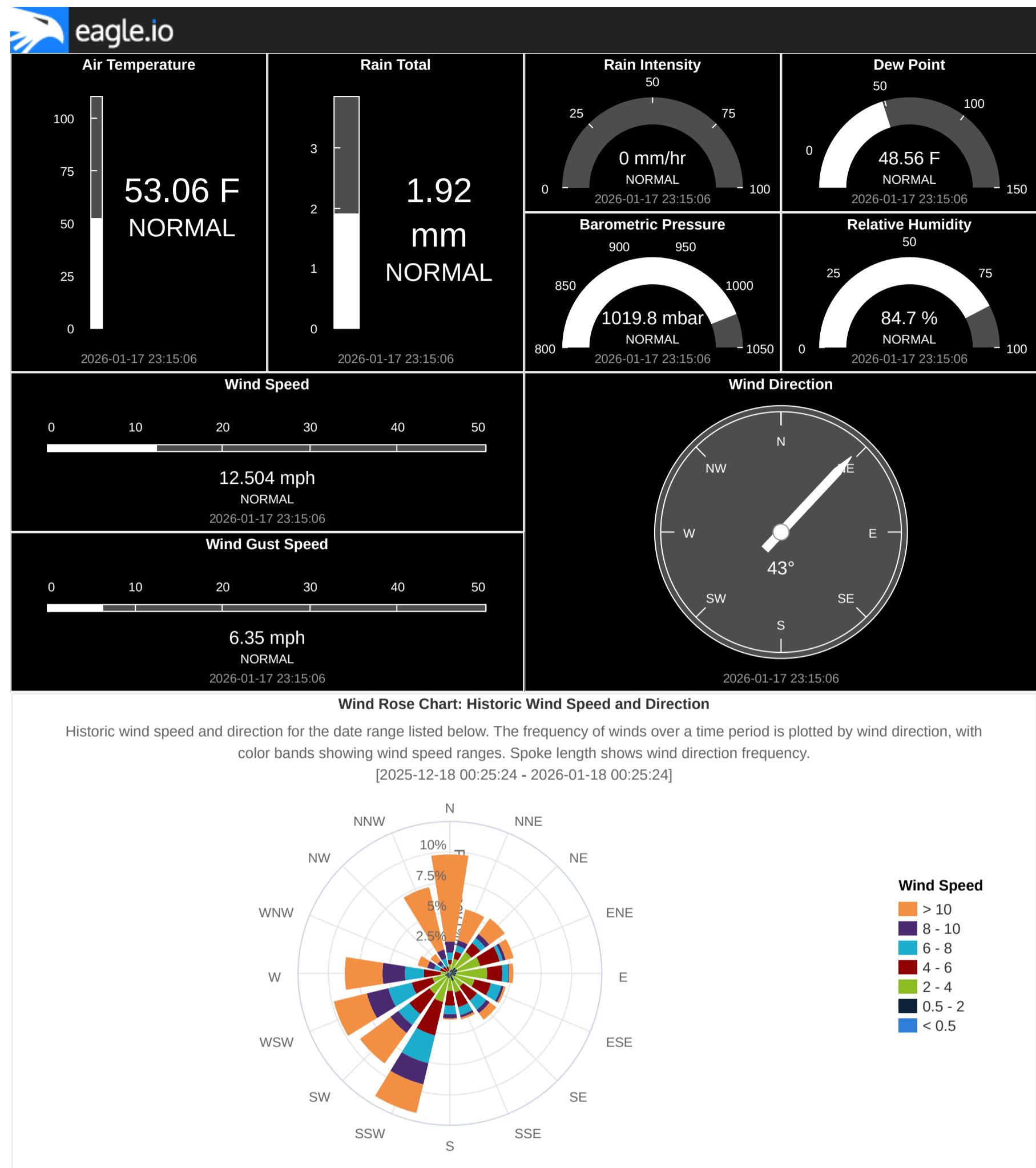
Amite Buoy Water Quality Data



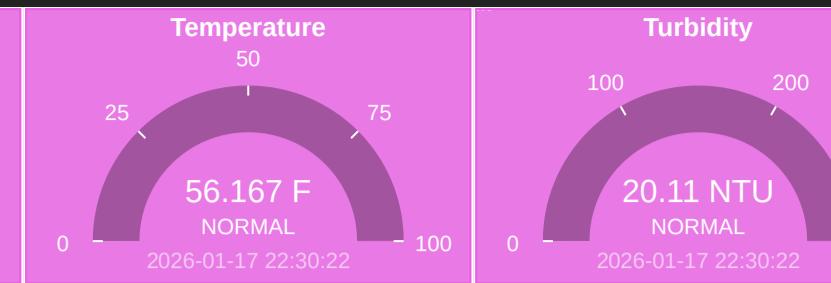
Blind Buoy Water Quality Data



Blind Buoy Weather Station Data



Tickfaw Buoy Water Quality Data



Specific Conductivity

500

1000

1500

2000

2500

3000

3500

4000

4500

5000

5500

6000

6500

7000

7500

8000

8500

9000

9500

10000

10500

11000

11500

12000

12500

13000

13500

14000

14500

15000

15500

16000

16500

17000

17500

18000

18500

19000

19500

20000

20500

21000

21500

22000

22500

23000

23500

24000

24500

25000

25500

26000

26500

27000

27500

28000

28500

29000

29500

30000

30500

31000

31500

32000

32500

33000

33500

34000

34500

35000

35500

36000

36500

37000

37500

38000

38500

39000

39500

40000

40500

41000

41500

42000

42500

43000

43500

44000

44500

45000

45500

46000

46500

47000

47500

48000

48500

49000

49500

50000

50500

51000

51500

52000

52500

53000

53500

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