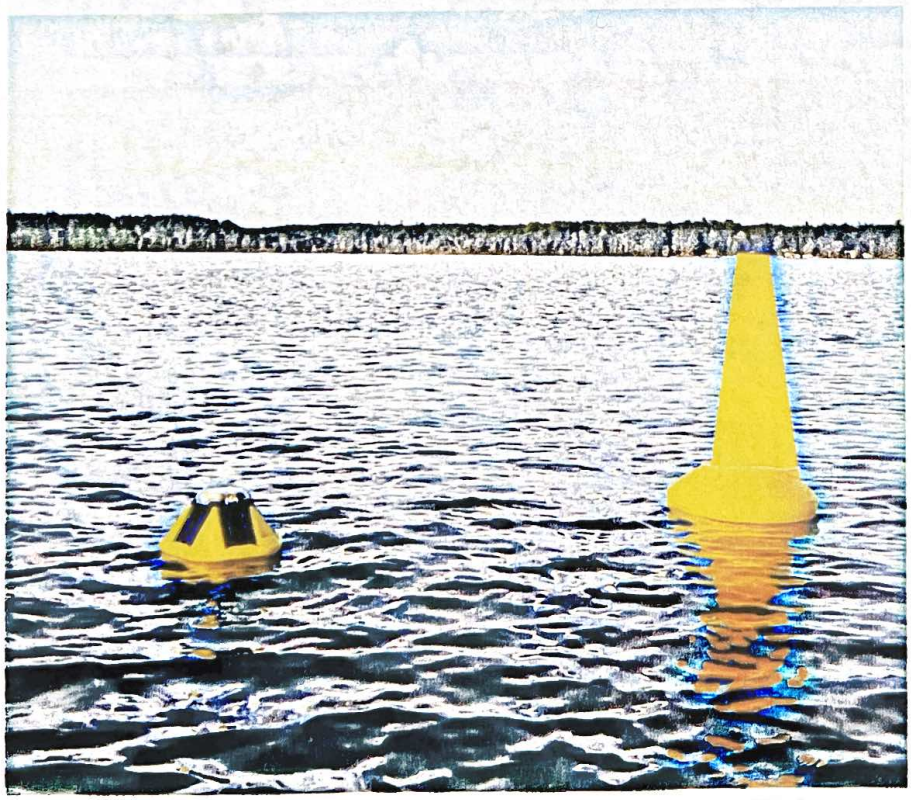
Crawling Stone Lake Buoy

Spotter - 32278C

Introduction

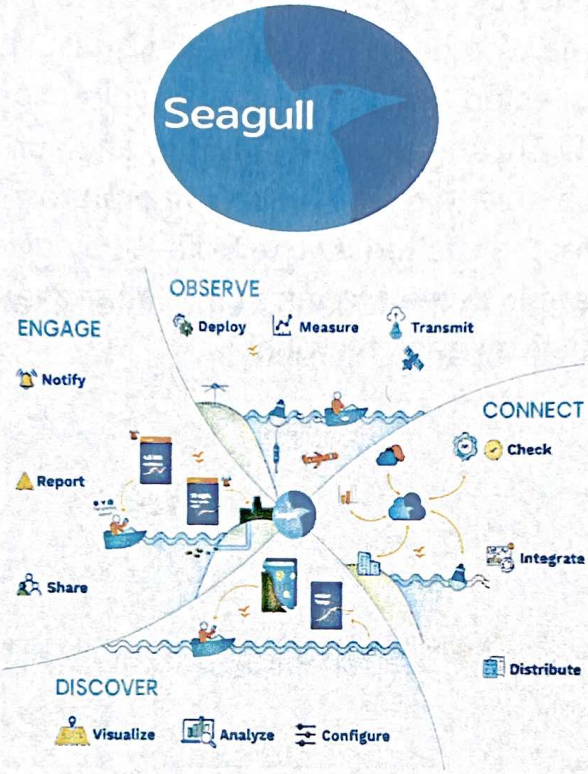
The Sofar spotter buoy on Big Crawling stone Lake, is remote buoy that collects near real time weather data and water quality parameters. Some of the data collected are as follows wind direction, wave height, dissolved Oxygen (D/O), surface temperature, and sub temperatures.

This data we will be able to track water temperatures over time, as well as water quality and weather patterns. The Sofar buoy gives the tribe options of sensors we can apply to the Mooring Line (inter-changeable) such as PH, turbidity, Conductivity and chlorophyl.



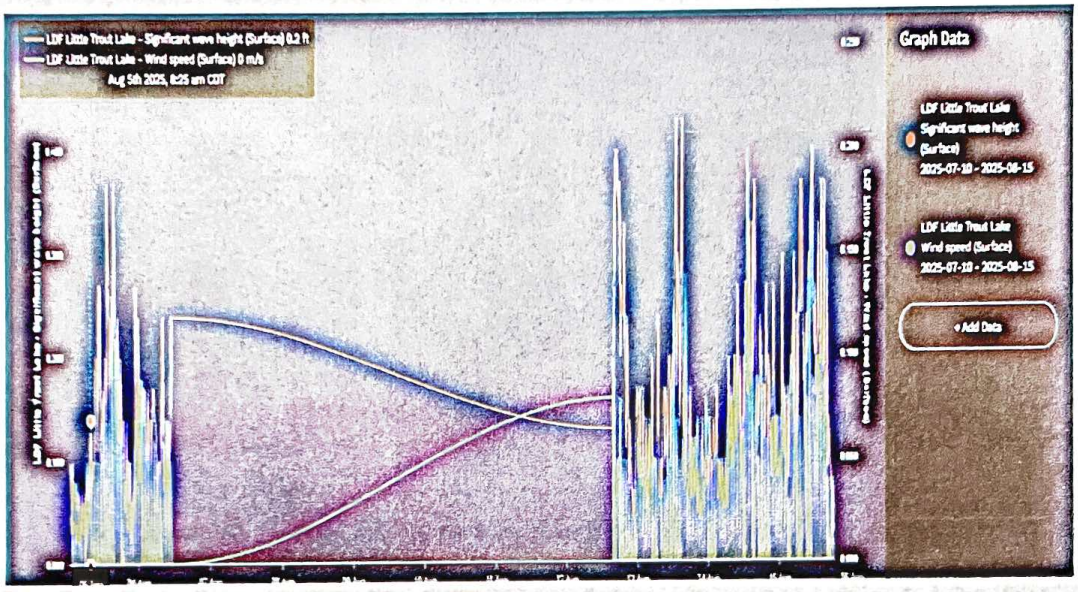
The Wild Rice Program was able to acquire two Buoy's with the Assistance of one of our University Partners Georgia Tec and Great Lakes Observing Systems who assisted in securing an NSF Grant. The Lac du Flambeau Tribal Natural Resources department is looking at acquiring at least 1 or 2 more of these buoys to deploy in another water shed within the Reservation.

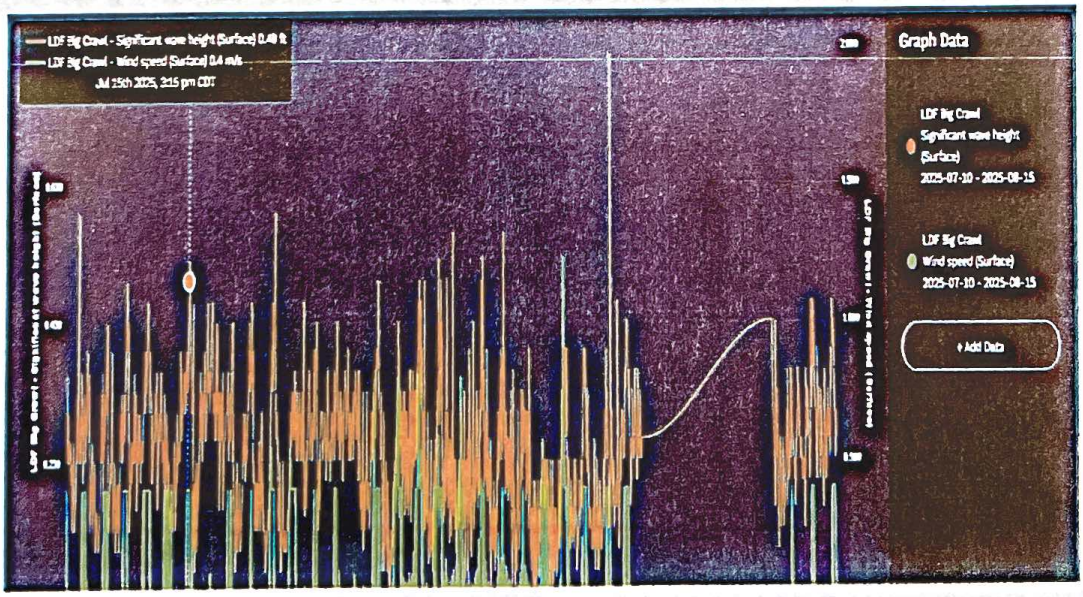
Great lakes Observation System (GLOS)



SEAGULL DASHBOARD

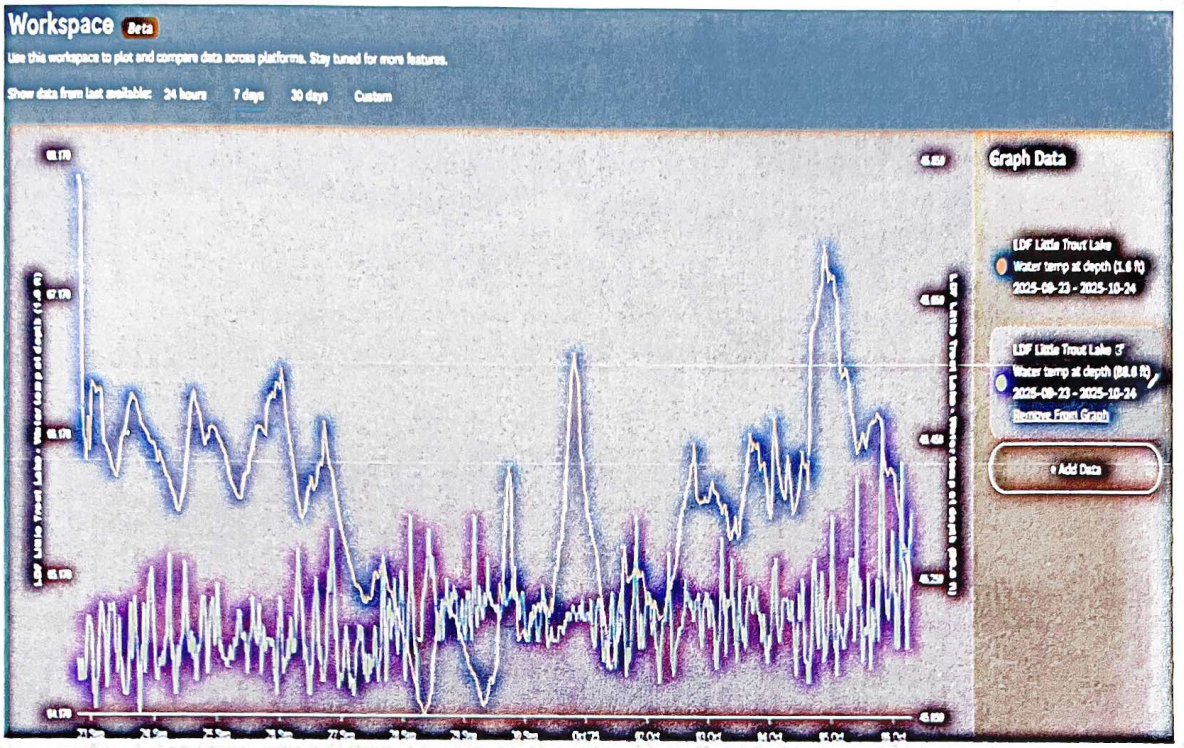
- Wave Height
- Wind speed

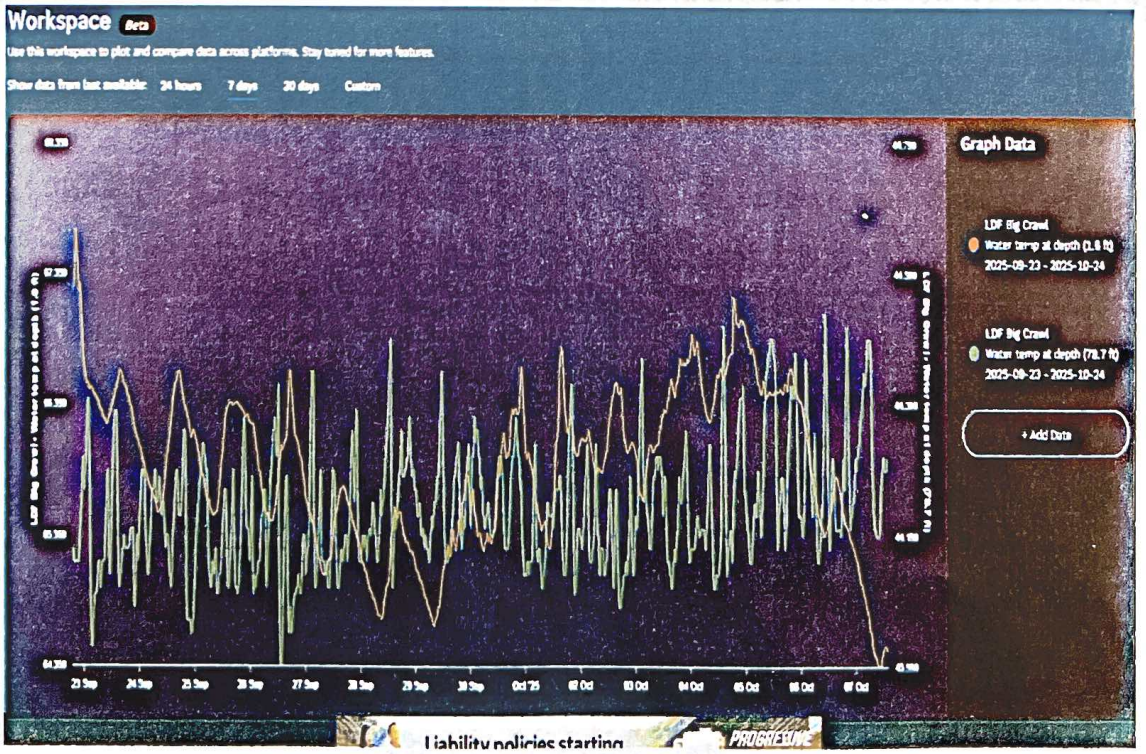




SEAGULL DASHBOARD

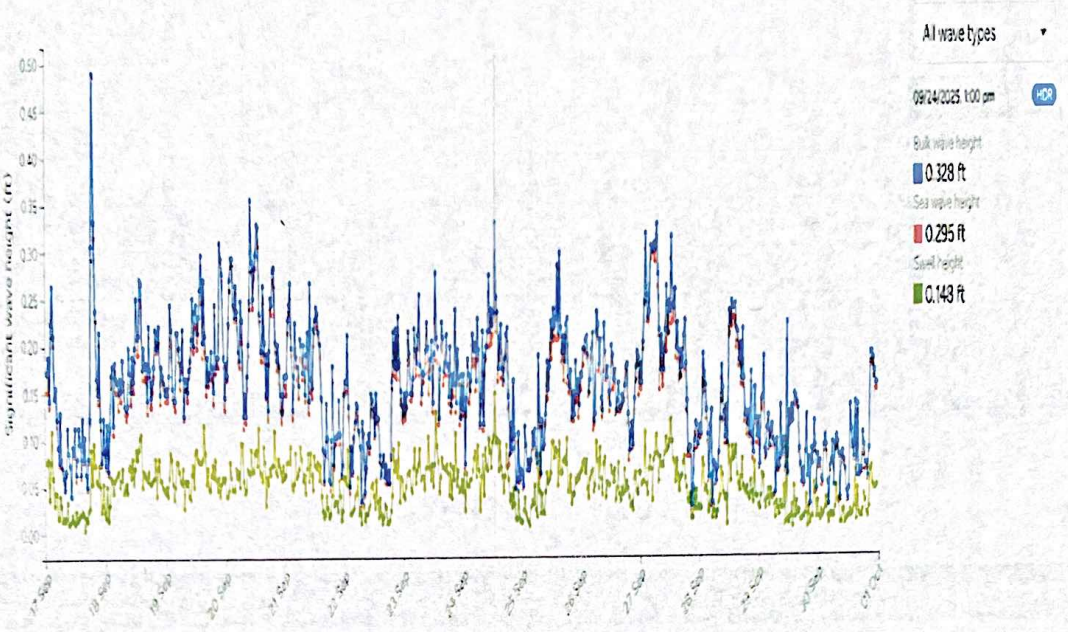
- Water temperature



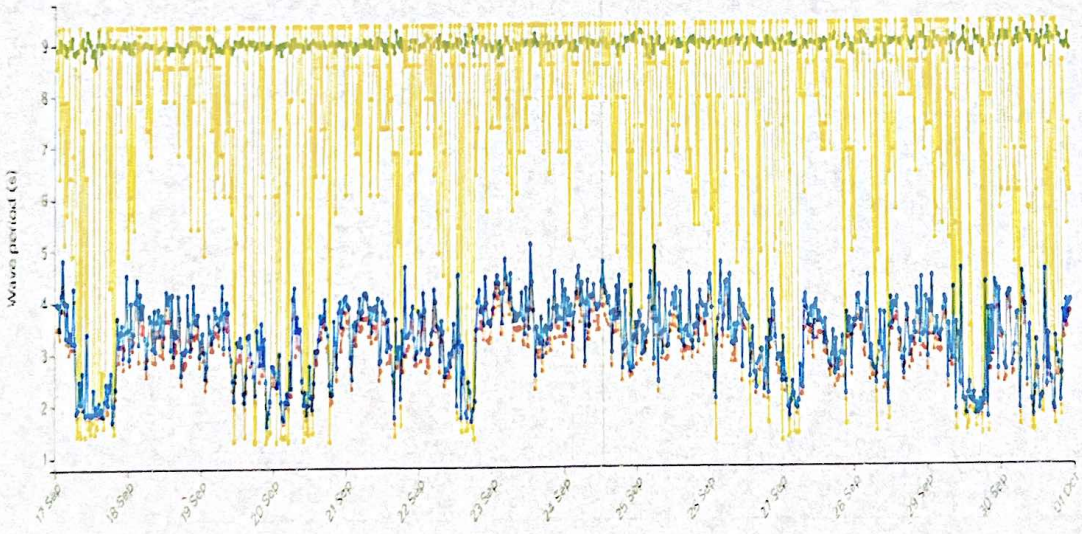


Spotter Dashboard

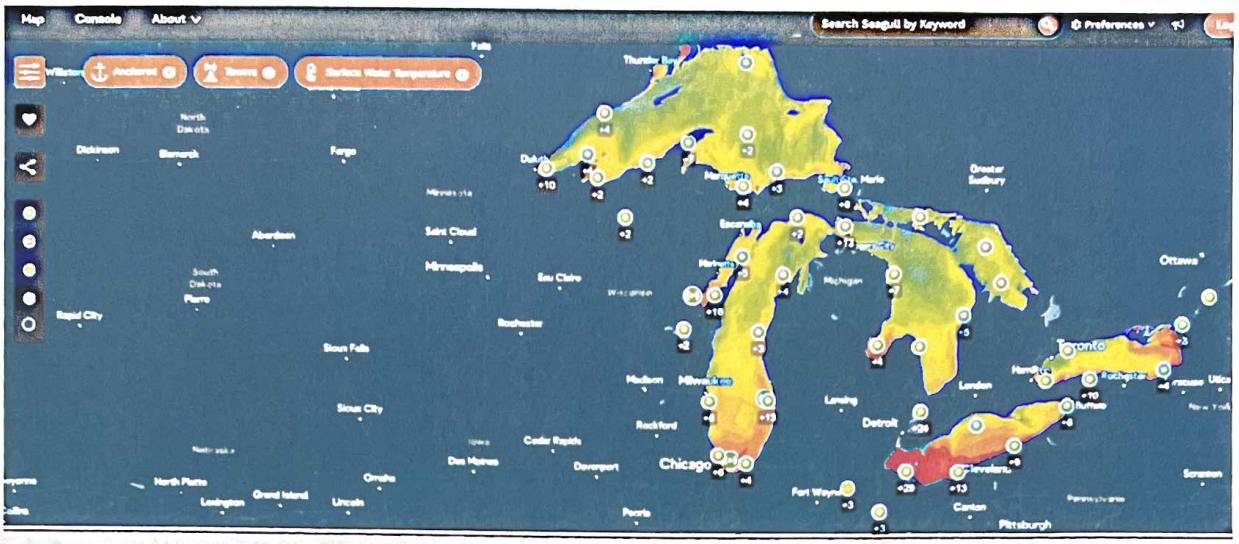
Significant wave height



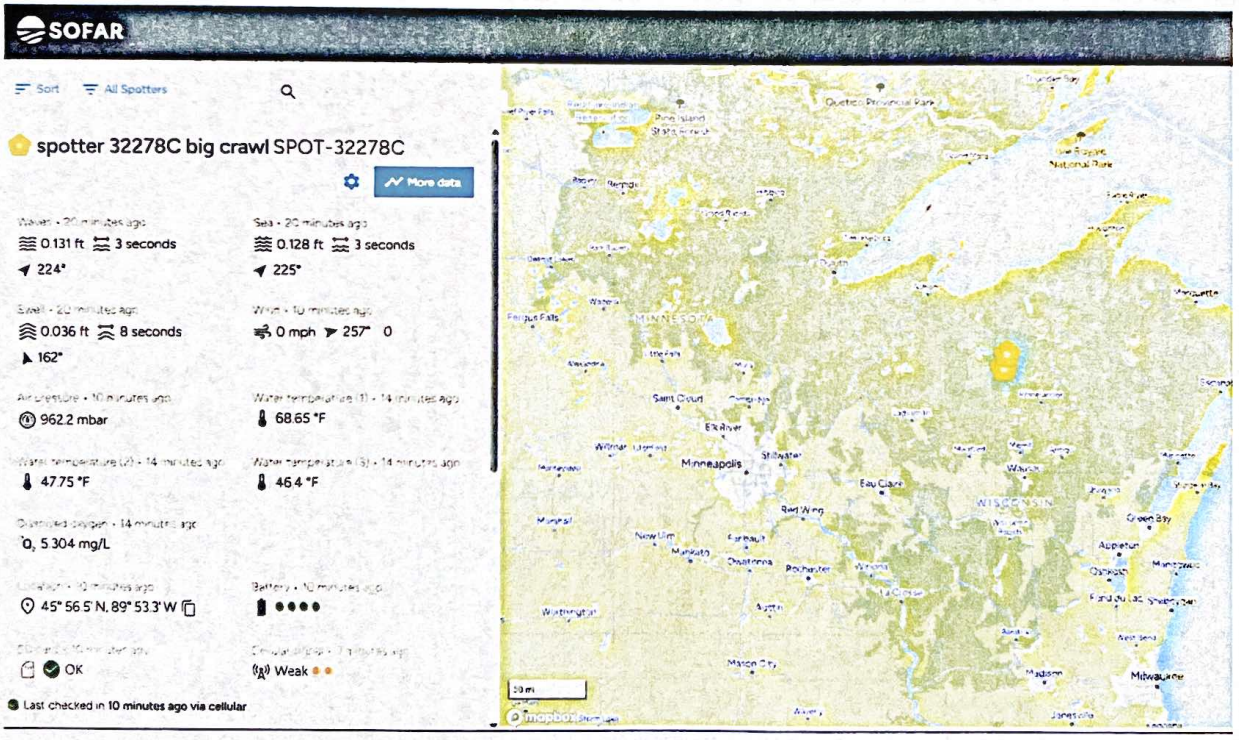
Wave period



Seagull



Spotter Dashboard



Our Partners





great lakes
observing system

