

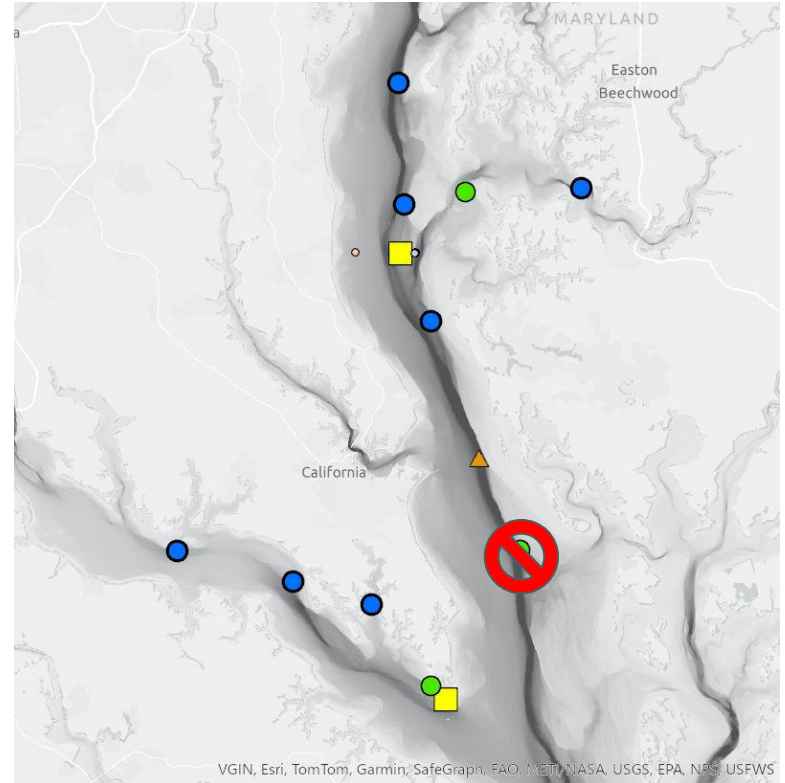
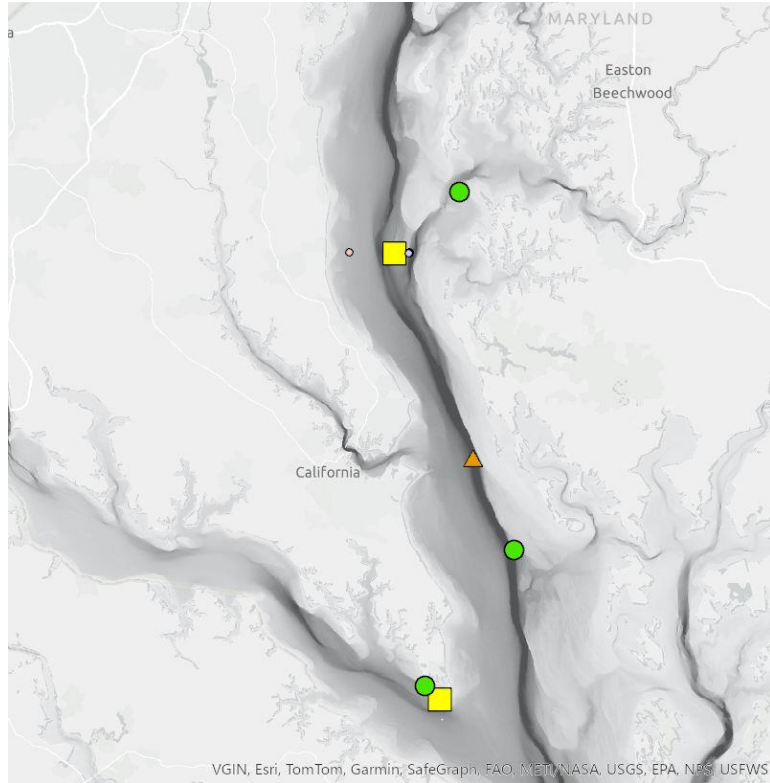
Hypoxia Monitoring Update



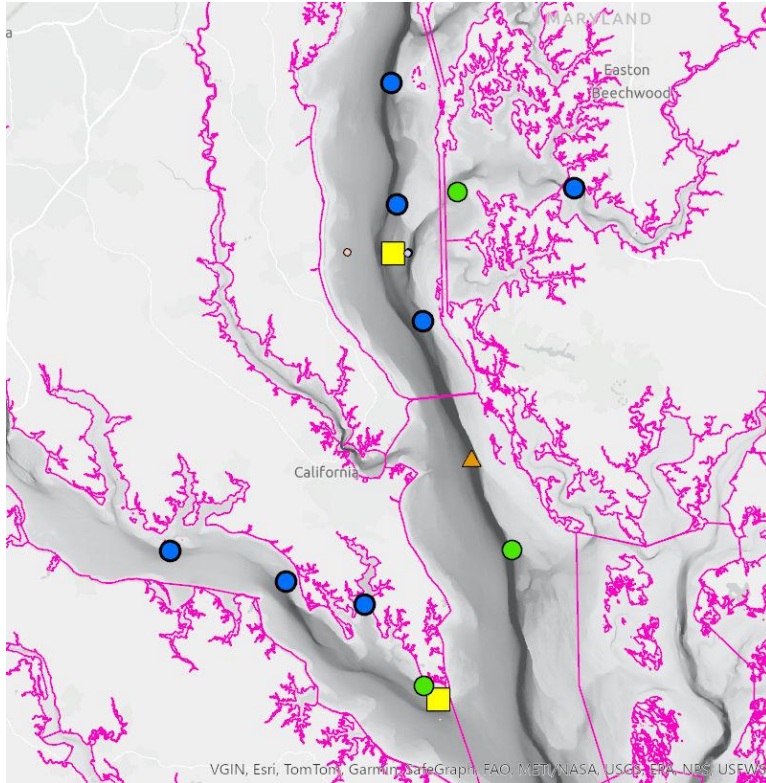
Presented to the Bay Oxygen Research Group

2/12/2024

2023 3 Station VS 2024 Options



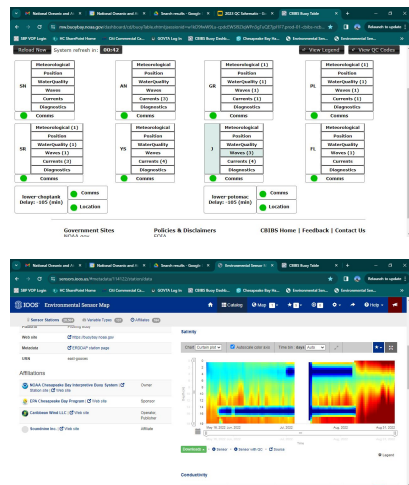
2024 Options with Segments



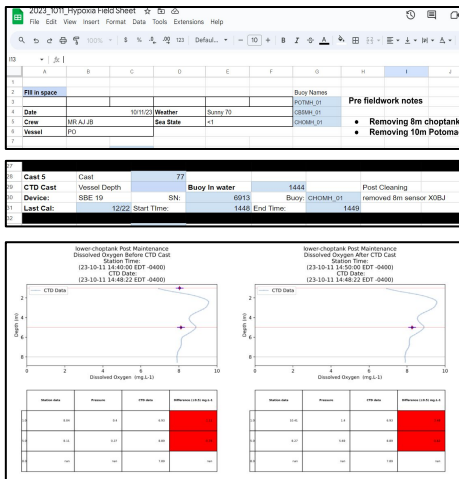
2024 Focus

- Implementing 2023 QC developments
- Building out the Network with limited maintenance capacity
- Doubling of the maintenance effort over 2023
- ReOccupy a CB4MH location
 - Several options
- Potential to coordinate with Tributary Modeling investments
 - Potomac & Choptank
- Other areas of interest (MD)
 - Eastern Bay
- Collaborative to discuss Options
- Decisions shared by end of Winter

Daily Dashboard Inspection



Bi-Weekly Maintenance Visit



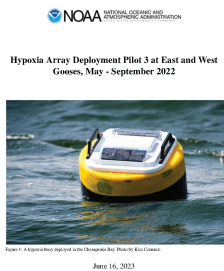
Monthly Overview of Visits

09/20/2023	Mid-Bay	Lower Choptank	Potomac
Depth	5 9 13 17	1 5 8	3 7 10
Temperature	0 X 0 0	Y Y Y	0 X 0
Dissolved O2	0 X 0 0	0 0 0	0 X 0
Conductivity	X X X X	Y X Y	X X X
Salinity	X X X X	Y Y 0	X X X

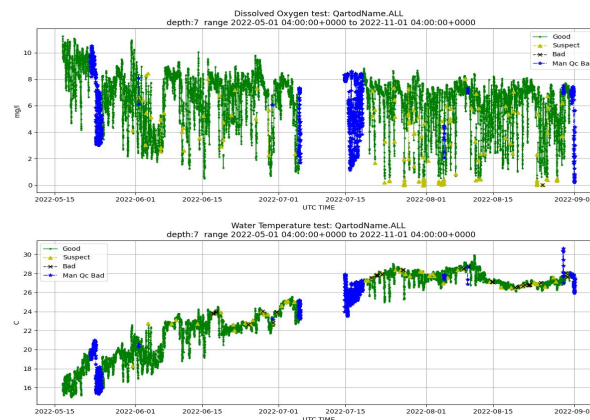
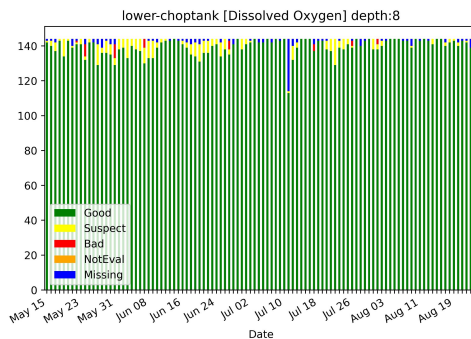
10/11/2023	Mid-Bay	Lower Choptank	Potomac
Depth	5 9 13 17	1 5 8	3 7 10
Temperature	0 X 0 0	0 0 X	0 X X
Dissolved O2	0 X Y 0	Y Y X	0 X X
Conductivity	X X X X	X X X	0 X X
Salinity	X X X X	X X X	Y X X

Seasonal Measurements (QC Flagging plots)

Annual Report



Seasonal Performance Review



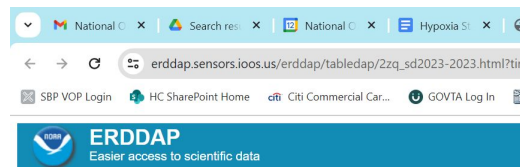
Data Access

IOOS Page Access

- ERDDAP
- CSV
- NetCDF

Current Data Status

- Final QC routines not yet applied
- Mid March timeline for final 2023 data (via CBO)
- Mid April timeline for IOOS site data availability



ERDDAP > tabledap > Data Access Form

Dataset Title: **Lower Choptank (2023)** [BBS](#)
Institution: NOAA Chesapeake Bay Interpretive Buoy System (Dataset ID: 2zq_sd2023-2023)
Information: [Summary](#) | [License](#) | [FGDC](#) | [ISO 19115](#) | [Metadata](#) | [Background](#) | [Make a graph](#)

Variable	Check All	Uncheck All	Optional Constraint #1	Optional Constraint #2	Minimum	Maximum
<input checked="" type="checkbox"/> time (UTC)			<input type="text" value="2024-02-02T14:50:00Z"/>	<input type="text" value="2024-02-12T14:50:00Z"/>	2023-04-28T15:00:00Z	2024-02-12T15:20:00Z
<input type="checkbox"/> latitude (degrees_north)			<input type="text" value="36.629"/>	<input type="text" value="36.629"/>	36.629	36.629
<input type="checkbox"/> longitude (degrees_east)			<input type="text" value="-76.319"/>	<input type="text" value="-76.319"/>	-76.319	-76.319
<input checked="" type="checkbox"/> z (Altitude, m)			<input type="text" value="-8"/>	<input type="text" value="-1"/>	-8.0	-1.0
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