

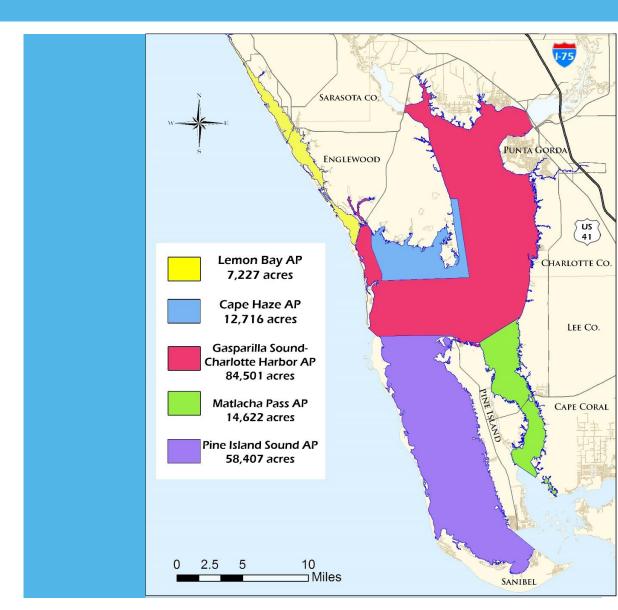


CHARLOTTE HARBOR AQUATIC PRESERVES (CHAP)

Five preserves are managed locally by the CHAP office in Punta Gorda:

- Lemon Bay AP.
- Cape Haze AP.
- Gasparilla Sound Charlotte Harbor AP.
- Matlacha Pass AP.
- Pine Island Sound AP.

CHAP's office protects more than 180,000 acres of submerged lands.





CONTINUOUS WATER QUALITY MONITORING

- Before Ian: Three stations in Matlacha Pass AP and one station in Charlotte Harbor.
- Water quality testing every 15
 minutes: Dissolved oxygen, pH, turbidity,
 salinity, temperature and depth.
- Samples monthly for chlorophyll, nutrients (nitrogen and phosphorous) and red tide/Harmful Algal Bloom (HAB).
- Data managed in-house and by the Centralized Data Management Office: https://floridaapdata.org/index.php





CHWW1 and MP3C

CHWW1- Charlotte Harbor West Wall 1

- May capture data from Myakka & Peace Rivers.
- Station knocked over during Hurricane Ian, but the datasonde was recovered along with its data.
- New piling and housing installed and currently collecting data again!

MP3C- Matlacha Pass Bridge

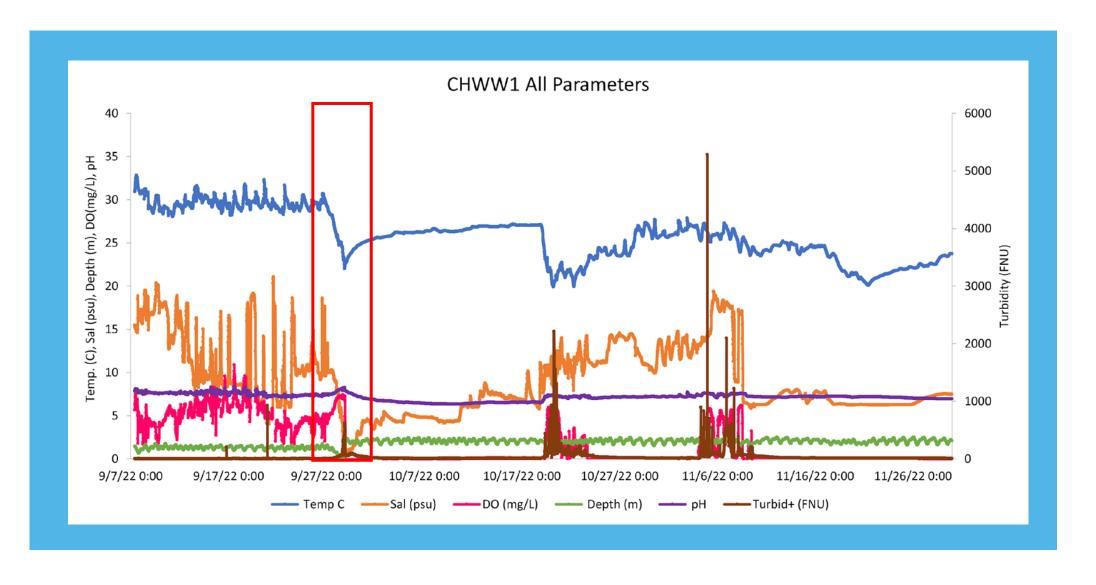
- Tidal node for Matlacha Pass occurs near this location.
- Sonde may receive influence from Caloosahatchee River and Cape Coral watershed.
- Captured data from Hurricane Ian





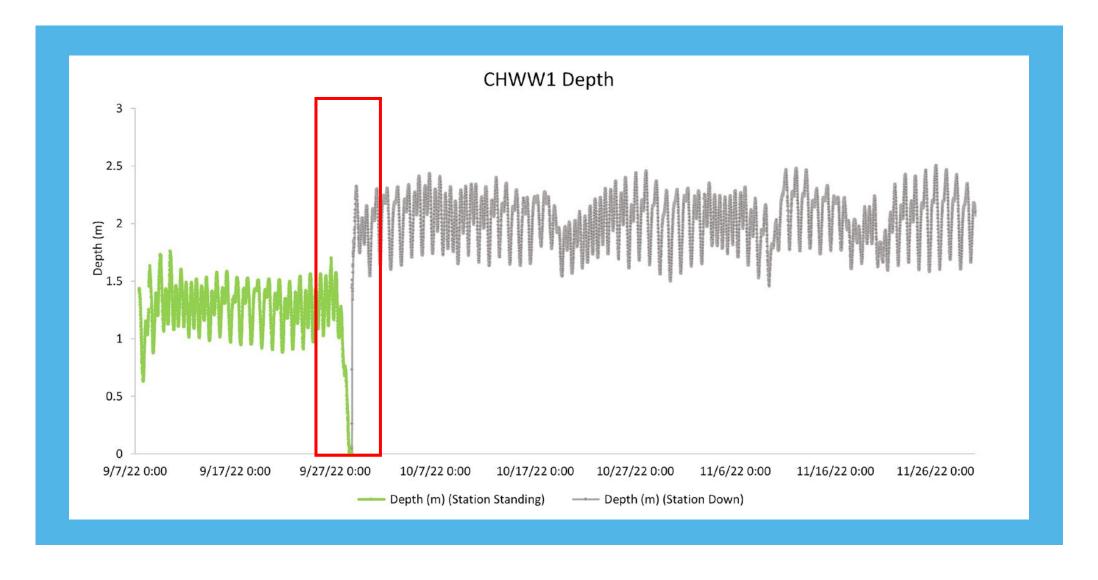


CHWW1 All Parameters



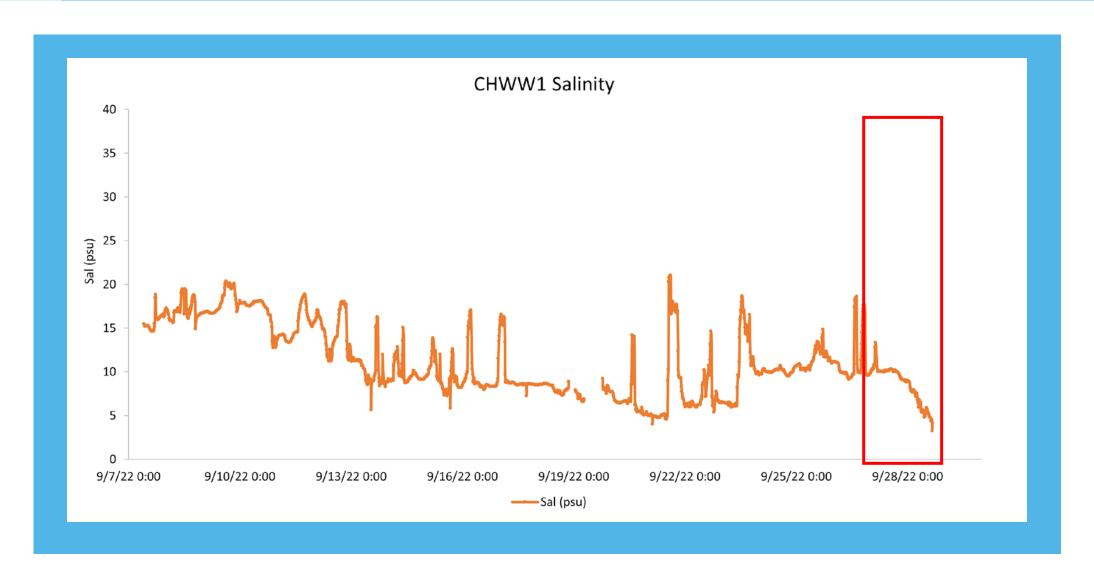


CHWW1 DEPTH



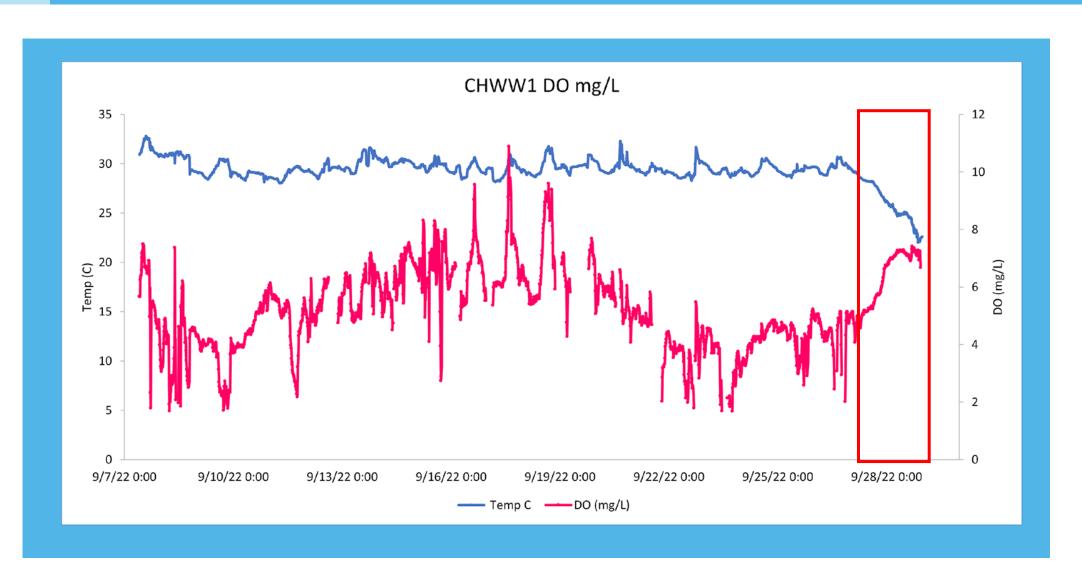


CHWW1 SALINITY



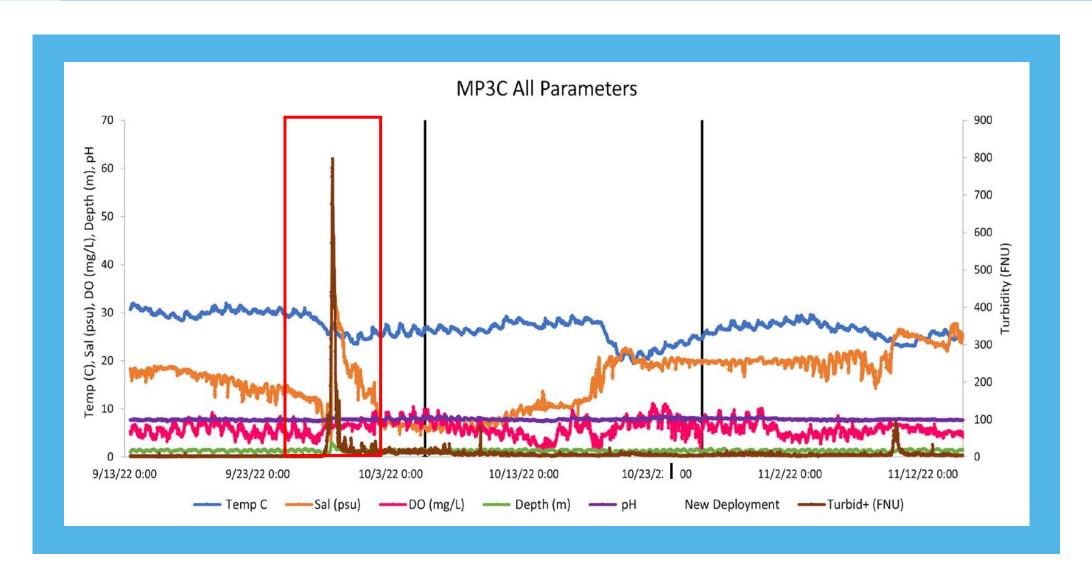


CHWW1 DISSOLVED OXYGEN



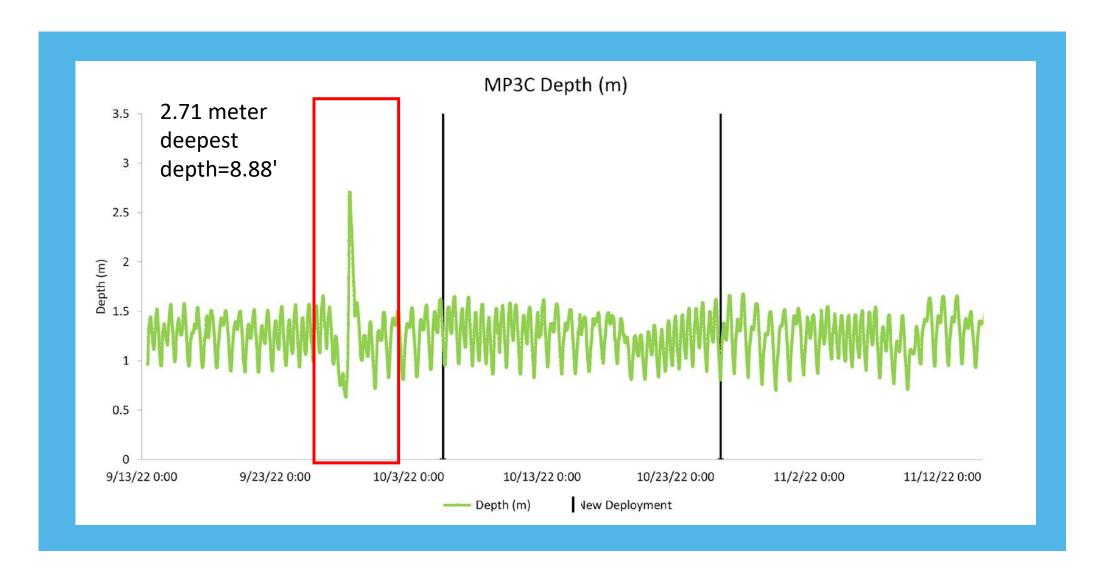


MP3C ALL PARAMETERS



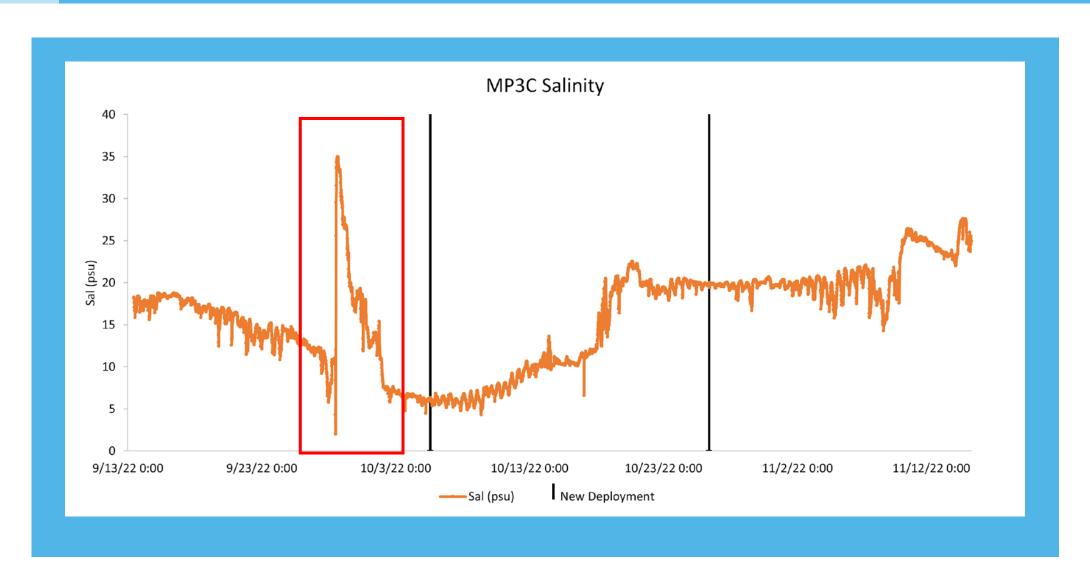


MP3C DEPTH



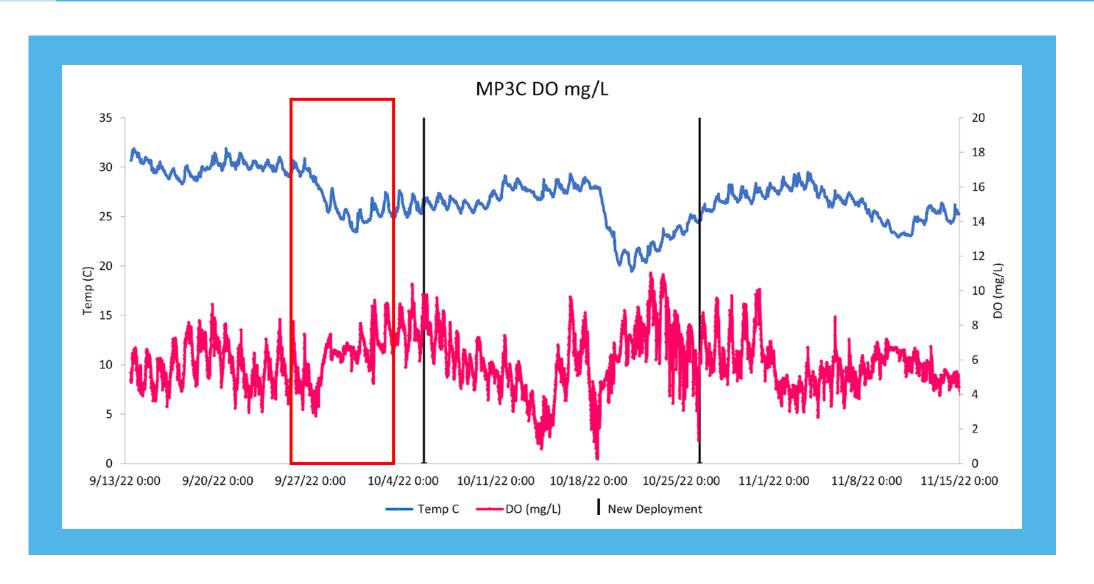


MP3C SALINITY

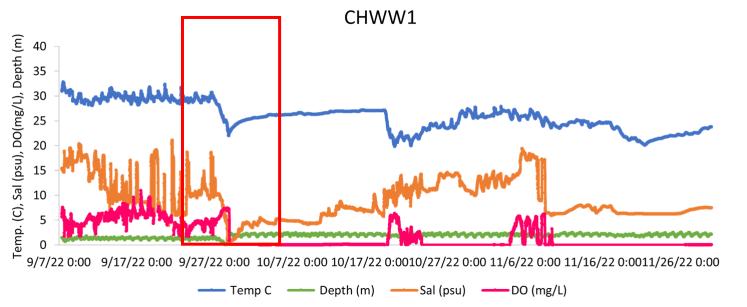




MP3C DISSOLVED OXYGEN







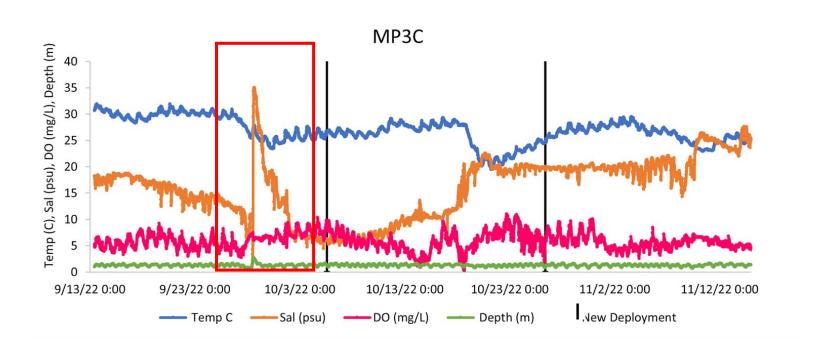
During Storm: CHWW1

Temp

Depth

Salinity

DO



MP3C

Temp

Depth

Salinity

DO

