

Center for Oceanographic Products & Services (CO-OPS)

Richard Edwing, Director
Center for Oceanographic Products and Services (CO-OPS)

2020 Hydrographic Services Review Panel

Virtual

September 23-24, 2020

HYDROGRAPHIC SERVICES REVIEW PANEL



FY20 Accomplishments

New PORTS

- Kings Bay, GA: four iAton current meters and a wave buoy for US Navy
- Portsmouth, NH: one water level station for US Navy



FY20 Accomplishments

PORTS Enhancements

- Port Fourchon & Lower Chesapeake Bay: wave buoy
- Tampa Bay: current meter, air gap, wind, WL & visibility
- Corpus Christi: met (wind & AT)
- Cape Cod: current meter
- NY/NJ: 2 current meters
- Phase 1 of SBIR for new fog sensor completed



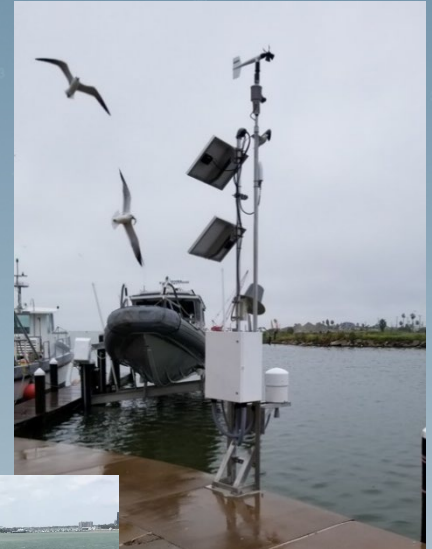
FY20 Accomplishments

- Transitioned to digital Tide and Tidal Currents Tables
- Updated tidal current predictions in South Texas and NY Harbor
- Transitioned new self-contained rapidly-deployed CURBY to operations



FY20 Accomplishments

- Rockport NWLON station rebuilt
- Integrated Modeling and Observation Plan
- Microwave Water Level sensor infusion into NWLON:
 - 11 installed
 - 8 transitioned
- Vdatum gauging
 - Hurricane Supplemental: TX, LA, FL



FY20 Accomplishments

- LA1 Coalition support
- 2020 High Tide Flooding Report and Outlook
- Strategic Plan for improvements to Coastal Inundation Dashboard



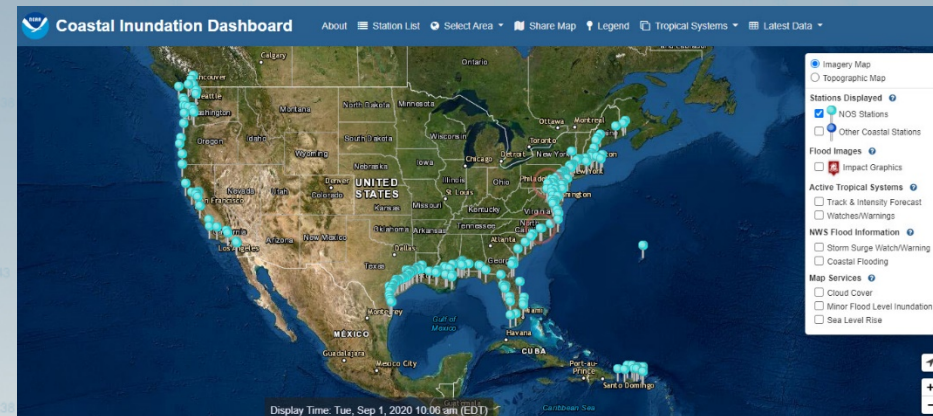
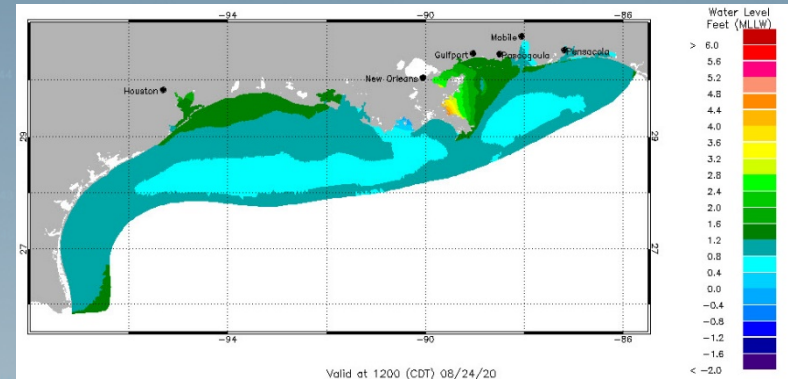
FY21 Outlook

- Valdez PORTS
- Mobile Bay PORTS
visibility & current meter
enhancements
- Port Moller re-established
- IGLD Field Campaign
- Vdatum gauging
 - Gulf of Mexico (LA, AL, FL)
 - PR & VI



FY21 Outlook

- Coastal Inundation Dashboard improvements
- Northern Gulf of Mexico OFS implementation
- West Coast OFS implementation
- Expand visibility probability forecast to one NWS Weather Forecast Office
- PORTS over AIS



Questions?

