

Operational Forecast Systems (OFS)

NOAA's National Ocean Service develops a national network of currently 14 operational coastal models. The models are called **Operational Forecast Systems (OFS)**. They provide nowcasts and short-term (2-5 day) forecasts of:

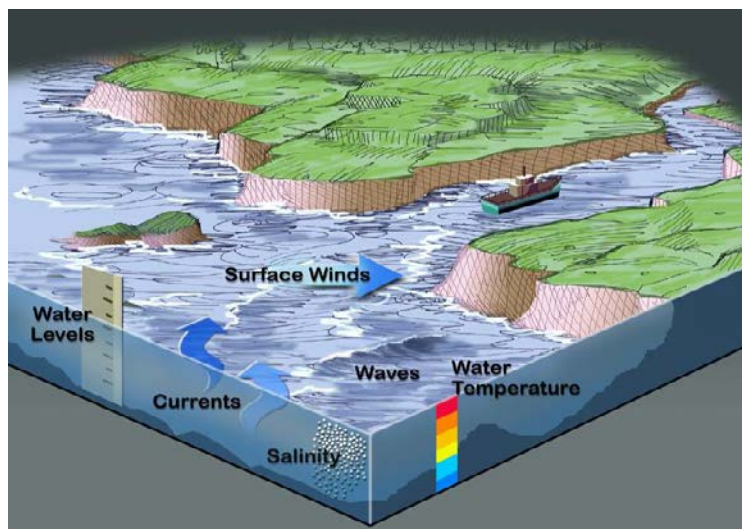
- Water levels, currents, salinity, temperature

Collaborative effort:

- Office of Coast Survey (OCS)
- Center for Operational Oceanographic Products and Services (CO-OPS)
- Integrated Ocean Observing System (IOOS)
- Great Lakes Environmental Research Laboratory (GLERL)
- Community models

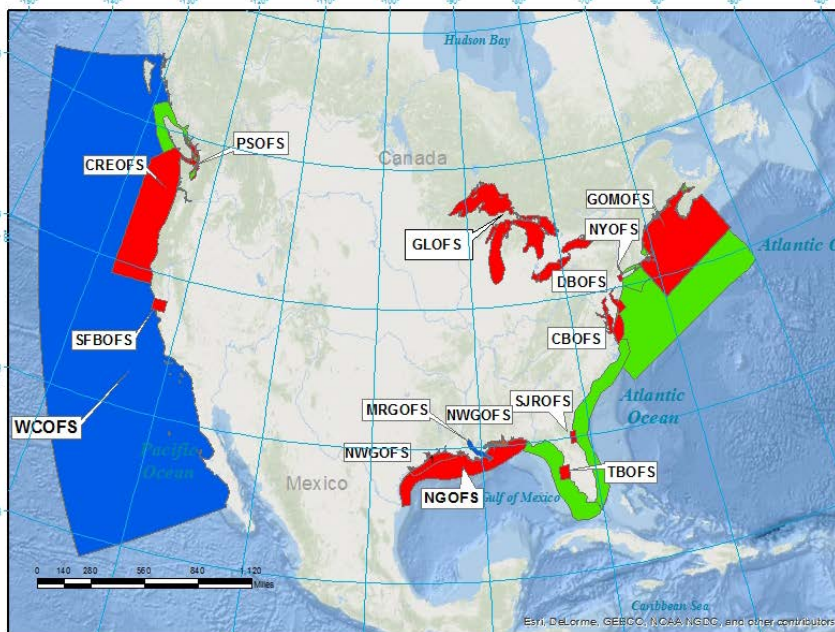
Standard models:

- FVCOM, ROMS



Future developments:

- Possible data assimilation
- Waves
- Ice coverage



Oceanographic Forecast Modeling Systems

- Operational
- PLANNED
- UNDERDEVELOPMENT

For more information:
nauticalcharts.noaa.gov/learn/hydrodynamic-model-development.html
tidesandcurrents.noaa.gov/models

<https://eds.ioos.us>

<https://nowcoast.noaa.gov>



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