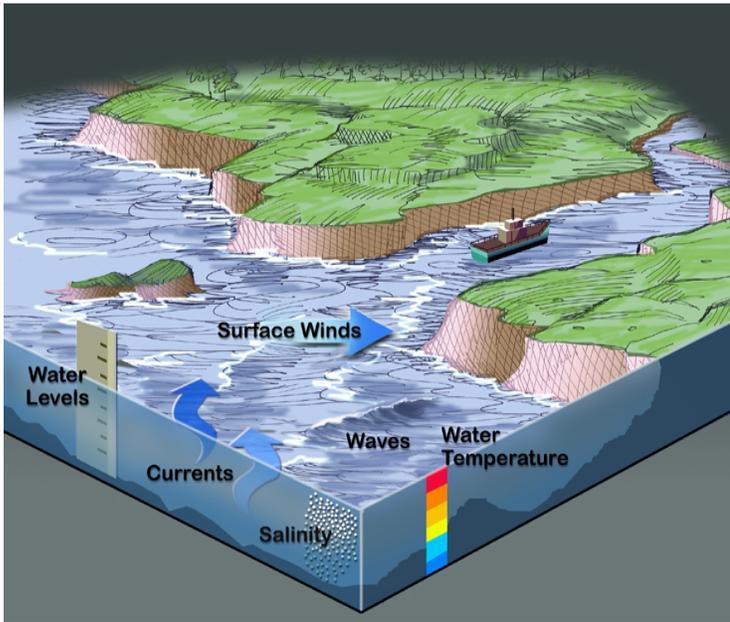


NOAA Nautical Charting Calendar

Operational Forecast Systems



NOAA applies hydrodynamic models to develop and implement Operational Forecast Systems (OFS) in U.S. coastal waters. These models and systems support safe and efficient marine navigation, emergency response, and are used in marine geospatial and ecological applications. The OFS' provide one to two day forecasts of water levels, currents, temperature and salinity. There are nine water bodies with operational forecast systems (Chesapeake Bay, Port of New York and New Jersey, Galveston Bay, St Johns River, and the five Great Lakes).

The technical components of a real-time estuarine modeling system are described in terms of a "standard" Coastal Ocean Modeling Framework (COMF). The COMF includes the operational management of observations and forecasts of atmospheric, coastal and riverine inputs, as well as operational quality control and the dissemination of results.

COMF also includes protocols and software for the skill assessment of OFS. The COMF abides by Integrated Ocean Observing System and Earth System Modeling Framework standards. It is intended to stimulate a community approach to coastal modeling by providing tools, observational data, and a Model Evaluation Environment with which to configure, execute, and determine model uncertainties.

From <http://tidesandcurrents.noaa.gov/>, select "Operational Forecast Systems" and then a location from the list to experiment with OFS.

  <h2 style="text-align: center;">January 2009</h2>						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Prepared by the Office of Coast Survey, National Ocean Service, NOAA, www.NauticalCharts.NOAA.gov , 1-301-713-2770. Note: You can add your own information to the Charting Calendar using Adobe Reader 7 or later. The tools are found at the Tools -> Commenting, and Tools -> Drawing Markup features of Adobe Reader.				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31