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Service Change Notice 14-16

National Ocean Service Headquarters Washington DC  
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From: Peter Stone  
Chief, National Ocean Service (NOS) Center for  
Operational Oceanographic Products and Services  
(CO-OPS) Oceanographic Division

Subject: NOS/CO-OPS Released the NOAA Current Predictions  
Web Application February 26, 2014

NOS/CO-OPS released the NOAA Current Predictions web application on the CO-OPS website as a new beta product on February 26, 2014. The application provides expanded and more accurate tidal current predictions for stations in NOAA's published Tidal Current tables. Customized predictions are calculated on-the-fly and are available in graphical and text format. Users can generate 6-minute, 30-minute and 60-minute tidal current predictions for all stations with harmonic constituents. The product also offers predicted time and speed of maximum flood/ebb current and timing of slack water (no current) for all stations available in the published current tables. Daily, weekly or yearly predictions can be downloaded in text, CSV, XML and PDF formats.

Users also can highlight currents above or below a given speed threshold to provide approximate time periods of maximum or slack current, useful for boaters and divers. This product will be maintained operationally with quarterly updates, providing the most up-to-date current predictions when new data are collected and analyzed by CO-OPS. The application can be accessed using the below link:

<http://www.tidesandcurrents.noaa.gov/noaacurrents/index.html>

At this time, NOAA Current Predictions will run concurrently with the existing Tidal Current Prediction product on CO-OPS' website, which is located at

[http://www.tidesandcurrents.noaa.gov/curr\\_pred.html](http://www.tidesandcurrents.noaa.gov/curr_pred.html)

After the NOAA Current Predictions product is declared fully operational, NOS will remove the existing prediction product. It is expected that this removal will not occur earlier than December 31, 2015. A separate Service Change Notice will be sent to announce the removal.

Information about NOS/CO-OPS Products and Services can be found at:

[www.tidesandcurrents.noaa.gov](http://www.tidesandcurrents.noaa.gov)

For questions concerning these changes, please contact:

Paul Fanelli

NOS/CO-OPS

Silver Spring, MD

Email: [Paul.Fanelli@noaa.gov](mailto:Paul.Fanelli@noaa.gov)

For general questions on CO-OPS products and services, please contact:

Todd Ehret

NOS/CO-OPS/User Services Team

Silver Spring, MD

Email: [tide.predictions@noaa.gov](mailto:tide.predictions@noaa.gov)

National Service Change Notices are online at:

<http://www.weather.gov/os/notif.htm>

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