Service Change Notice 12-40 Corrected
NOAA's National Ocean Service Headquarters Washington DC
Relayed by National Weather Service Headquarters Washington DC
1253 PM EST Tue Nov 20 2012

To: Subscribers:
         -Family of Services
         -NOAA Weather Wire Service
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         Other NWS and NOS Partners, Users and Employees

From: Peter Stone
         Chief, Oceanographic Division
         NOS Center for Operational Oceanographic Products and Services
         (CO-OPS)

Subject: Corrected: NOS/CO-OPS is Implementing Model Guidance Standard
Hydrometeorological Exchange Format (SHEF) Bulletins: Effective December
5, 2012

Corrected to indicate 12 Operational Forecast System (OFS) models will be
released in SHEF Bulletins, not 13, and to include Advanced Weather
Interactive Processing System (AWIPS) Identifiers and World Meteorological
Organization (WMO) Headers for each SHEF Bulletin and the SHEF type-source
code.

Effective December 5, 2012 at 1500 Coordinated Universal Time (UTC), the
National Ocean Service (NOS)/CO-OPS will implement SHEF Bulletins using
type-source code HMIFU for CO-OPS OFS water level model guidance.

CO-OPS currently produces SHEF bulletins of observed water level and
meteorological data as well as astronomical tides. A new set of SHEF
bulletins will be generated with total water level model guidance from the
12 operational CO-OPS OFS models. Ten OFS models (Chesapeake Bay,
Delaware Bay, Tampa Bay, Northern Gulf of Mexico, Columbia River Estuary,
and the five Great Lakes models) produce 48-hour model guidance of time
series data updated every six hours, and two models (New York/New Jersey
and St. Johns River) provide 24-hour model guidance updated every six
hours.

Model guidance is provided at the CO-OPS tide gauge locations. Thus, the
OFS Water Level SHEF bulletins will contain the full 48-hour or 24-hour
model guidance of 30-minute data and will be issued every six hours to
remain consistent with the OFS output. Modeled water levels are total
water levels (astronomical tide plus surge). It is noted that CO-OPS
models are not designed as a storm surge model, though meteorological
parameters such as winds and air pressure are taken into account.
Although the Operational Forecast Systems produce model guidance of
currents, water temperature, and salinity, these data will not be included
in the SHEF bulletins; however, they can be viewed and downloaded at the

CO-OPS website. The Great Lakes SHEF OFS data will be in Local Standard Time (LST), whereas the rest of the OFS data will be in UTC, to meet user requirements.

The WMO header and AWIPS Identifiers for each OFS SHEF Bulletin (bulletins are grouped by OFS):

WMO Header	AWIPS ID	OFS Name
SOUS41 KWBC	TIDCB	Chesapeake Bay
SOUS41 KWBC	TIDDB	Delaware Bay
SOUS41 KWBC	TIDNY	New York and New Jersey
SOUS41 KWBC	TIDSJ	St. Johns River
SOUS42 KWBC	TIDTB	Tampa Bay
SOUS42 KWBC	TIDNG	Northern Gulf of Mexico
SOUS43 KWBC	TIDCR	Columbia River Estuary
SOUS44 KWBC	TIDLE	Lake Erie
SOUS44 KWBC	TIDLH	Lake Huron
SOUS44 KWBC	TIDLM	Lake Michigan
SOUS44 KWBC	TIDLO	Lake Ontario
SOUS44 KWBC	TIDLS	Lake Superior

The NWS Directive 10-944, SHEF Manual, can be found at:

https://www.nws.noaa.gov/directives/010/archive/pd01009044a.pdf

Information about NOS/CO-OPS Operational Forecast System can be found at:

https://www.tidesandcurrents.noaa.gov/models.html

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

https://www.tidesandcurrents.noaa.gov/index.shtml

If you have any questions concerning these changes, please contact:

Kathleen Bailey
NOS/CO-OPS
Silver Spring, MD
Email: kathleen.bailey@noaa.gov

For questions on the CO-OPS OFS products and modeled water level data, please contact:

Dr. Aijun Zhang
NOS/CO-OPS
Silver Spring, MD
Email: aijun.zhang@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.prediction@noaa.gov

National Service Change Notices are online at:

https://www.weather.gov/notification/archive

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