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Service Change Notice 17-69 Updated
NOAA's National Ocean Service Headquarters Silver Spring MD
Relayed by National Weather Service Headquarters Silver Spring MD
1140 AM EDT Tue Jun 13 2017

To: Subscribers:
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 -Emergency Managers Weather Information Network
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From: Edward Myers
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Subject: Updated: Addition of New NWS Storm Surge Watches and Warnings and Changes to Symbology Used to Display NWS Tropical Cyclone Advisory Forecast Tracks, Cone of Uncertainty and Coastal Tropical Cyclone Watches/Warnings on NOAA's nowCOAST: Effective on or about June 19, 2017

Updated effective date to on or about June 19, 2017.

Effective on or about June 19, 2017, NOAA's nowCOAST (trademarked) (<https://nowcoast.noaa.gov>) will incorporate the new NWS Storm Surge Watch and Warning with other NWS Watches, Warnings and Advisories for long duration events on nowCOAST map service, `wwa_meteoceanhydro_longduration_hazards_time`. The spatial resolution of the storm surge watch and warnings on nowCOAST will be at the original 2.5 km (1.6 mi) resolution. The storm surge watch and warnings also will be available via the nowCOAST map viewer.

The storm surge watch and warnings will be issued by NWS to highlight areas along the Gulf and Atlantic coasts of the continental United States (CONUS) that have a significant risk of life-threatening coastal inundation from ongoing or potential tropical, subtropical or post-tropical cyclone events. Detailed information about the NWS Storm Surge Watches/Warnings can be found at:

http://www.nhc.noaa.gov/news/20170123_pa_SSWW.pdf
http://www.nhc.noaa.gov/news/20170309_pa_2017SeasonChanges.pdf

In addition, the depiction of tropical cyclone forecast information on maps available from the nowCOAST map service, `wwa_meteocean_tropicalcyclones_trackintensityfcsts_time`, will change effective on or about June 12, 2017. These changes were made due in part to modifications in NHC GIS data services and graphics depicting NHC's 2-Day and 5-day Graphical Tropical Weather Outlook for Active Tropical Cyclones and to promote more consistency with NHC products. Additional information about NHC changes can be found at:

<http://www.nhc.noaa.gov/new-tc-graphics/>

Summary of changes:

- The 5-day cone of uncertainty representing the uncertainty in the probable forecast track of a tropical cyclone will be depicted in semi-transparent white.
- The forecast positions for remnants, post tropical, tropical depression, tropical storms and hurricanes will be depicted with new symbols and in black.
- The new symbol for hurricanes will contain the forecasted Saffir-Simpson Hurricane Wind Scale Category (i.e., 1, 2, 3, 4 or 5).
- The observed (best track) positions for tropical cyclones will be depicted in white.
- The forecast track for tropical cyclones will be depicted with a dashed blue line.
- The tropical storm warnings along the immediate coastline will be depicted with a solid blue line.

NOAA's nowCOAST provides coastal intelligence on present and future environmental conditions for coastal and maritime users by integrating data and information from across NOAA and other federal and state agencies. nowCOAST was developed by NOAA/National Ocean Service's Coast Survey Development Laboratory, and is hosted on the Integrated Dissemination Program (IDP) infrastructure where it is monitored 24x7 by NWS/National Centers for Environmental Prediction (NCEP) Central Operations.

For questions concerning nowCOAST, please contact:

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For questions concerning NWS Storm Surge Watches and Warnings, please contact:

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National Service Change Notices are online at:
<https://www.weather.gov/notification/archive>

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