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Public Information Statement 21-33  
National Weather Service Headquarters Silver Spring MD  
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To:           Subscribers:  
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From:         Allison Allen, Chief  
              Marine, Tropical and Tsunami Services Branch

Subject:      Tropical Cyclone Data Flow Testing Tuesday May 18,  
              2021

The National Weather Service (NWS) will commence with tropical cyclone data flow testing on Tuesday May 18, 2021. Wednesday, May 19, 2021 is designated as a backup test date. The purpose of the testing is to ensure NWS field offices can receive tropical cyclone guidance used to prepare local and regional forecasts in concert with the forecasts from the National Hurricane Center (NHC). No products that include hazards (i.e., watches or warnings) or Valid Time Event Code (VTEC) are part of this test.

The Probabilistic Tropical Cyclone Storm Surge model (P-Surge) will be run with an initial time of 1200 Coordinated Universal Time (UTC) for a test tropical cyclone scenario affecting the southeastern coast of the United States. This test data will be available on the Satellite Broadcast Network (SBN) and NOAAPORT by approximately 1550 UTC. A complete list of World Meteorological Organization (WMO) Headers for the P-Surge products can be found online at the top of Meteorological Development Laboratory's (MDL's) storm surge technical notices here:

<https://vlab.ncep.noaa.gov/web/mdl/storm-surge-technical-notice>

or more directly at:

<https://vlab.ncep.noaa.gov/documents/6609493/7858383/P-Surgev2.8-Headers.pdf/5fb7d90e-52fc-a0ee-8358-368576c9bde5?t=1617296643219>

Other internal gridded forecast data from NHC needed by NWS field offices for tropical cyclone events will also be tested, but none of this data is intended to be released externally through NWS dissemination or communication systems.

The NWS will continue periodic internal tropical software and data flow testing during the remainder of this hurricane season. Public notification will be provided for any future test producing externally-visible test products.

For more information, please contact:

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