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PNSWSH

Public Information Statement 20-46
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: National Tropical Cyclone Watch Warning Product (TCV)
Collaboration Testing on June 24, 2020

The NWS Weather Prediction Center (WPC), the Ocean Prediction Center (OPC), and Weather Forecast Offices (WFOs) in the NWS Eastern Region will commence internal software and hardware testing of the National Tropical Cyclone Watch/Warning (TCV) product collaboration process for the Atlantic Basin on Wednesday, June 24, 2020.

Internal testing will begin at approximately 1400 Greenwich Mean Time (GMT) and terminate at 1900 GMT daily during the scheduled test day.

Internal TCV test products are not intended to be released externally through NWS dissemination and communication systems. The text products affected by collaboration testing are the National Tropical Cyclone Watch/Warning (TCV) products issued under the following Advanced Weather Interactive Processing System (AWIPS) Product Identifiers (PILs) and World Meteorological Organization (WMO) Identifiers (IDs):

TCV Product	AWIPS PIL	WMO ID
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Preliminary TCV	PTCAT/1-5/	WTNT/81-85/ KNHC
National TCV	TCVAT/1-5/	WTNT/81-85/ KNHC

In addition, the following National Digital Forecast Database (NDFD) elements will be created for this test:

- Tropical cyclone wind probabilities (incremental and cumulative) for 34 kt, 50 kt, and 64 kt.
- Hazard grid (including tropical storm, hurricane, and storm surge hazards).

The NWS will continue periodic internal tropical software testing during the remainder of 2020. The national TCV product for the Atlantic Basin will contain a summary of collaborated wind and/or storm surge watches and warnings, depicted by NWS-defined geographic zones.

NWS WFOs participating in the national TCV product collaboration tests are listed below:

NWS Eastern Region

Boston, MA (BOX)
Caribou, ME (CAR)
Charleston, SC (CHS)
Columbia, SC (CAE)
Gray/Portland, ME (GYX)
Mount Holly, NJ (PHI)
Newport/Morehead City, NC (MHX)
New York, NY (OKX)
Raleigh-Durham, NC (RAH)
Sterling, VA (LWX)
Wakefield, VA (AKQ)
Wilmington, NC (ILM)

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