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Public Information Statement 22-23
National Weather Service Headquarters Silver Spring MD
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From: Kate Abshire, Acting Chief
 Marine, Tropical and Tsunami Services Branch

Subject: Tropical Cyclone Watch/Warning Product (TCV) Collaboration
Testing April 25-29, 2022

The NWS National Hurricane Center (NHC), Weather Prediction Center (WPC), Ocean Prediction Center (OPC) and Weather Forecast Offices (WFOs) in the NWS Eastern and Southern Regions will proceed with internal software and hardware testing of the National Tropical Cyclone Watch/Warning (TCV) product collaboration process April 25-28, 2022. Test activities are expected to be conducted each day between 1600 and 1900 Coordinated Universal Time (UTC). Friday, April 29, 2022 is a designated backup day.

The National TCV product contains a summary of collaborated wind and/or storm surge watches and warnings, depicted by NWS-defined geographic zones. 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 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).

While unlikely, there is a slight chance that the tropical expressions of uncertainty (i.e., "Tropical Storm Conditions Likely", "Hurricane Conditions Possible") could unintentionally appear on weather.gov Point and Click forecast pages temporarily because this test includes the

internal creation of tropical wind speed probabilities.

The NWS will continue periodic internal tropical software testing during the remainder of this hurricane season as needed.

For more information, please contact:

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