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Public Information Statement 22-50
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From: Kate Abshire, Acting Chief
Marine, Tropical and Tsunami Services Branch

Subject: Tropical Cyclone Watch/Warning Product (TCV) Collaboration Testing August 2, 2022, with Backup Date Scheduled for August 3, 2022

The NWS National Hurricane Center (NHC) and Weather Forecast Offices (WFOs) in Boston/Norton, Massachusetts and Jacksonville, Florida will conduct internal software and hardware testing of the National Tropical Cyclone Watch/Warning (TCV) product collaboration process August 2, 2022. Test activities are expected to be conducted each day between 1500 and 1900 Coordinated Universal Time (UTC). Wednesday, August 3, 2022 is the designated backup day. If it is necessary to test on the backup date, WFOs in Miami, Florida and Tallahassee, Florida will participate with NHC.

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
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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