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Public Information Statement 21-47  
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 Watch/Warning Product (TCV) Collaboration  
Testing: July 13-14, 2021

The NWS National Hurricane Center (NHC), Weather Prediction Center (WPC), Ocean Prediction Center (OPC) and Weather Forecast Offices (WFOs) in Brownsville, TX (BRO), Caribou, ME (CAR), Gray, ME (GYX), New Orleans, LA (LIX) and San Juan, PR (SJU) will commence with internal software and hardware testing of the National Tropical Cyclone Watch/Warning (TCV) product collaboration process July 13-14, 2021. Test activities are expected to be conducted between 1600 and 1900 Coordinated Universal Time (UTC). Thursday, July 15, 2021 is a designated backup 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)

While unlikely, there is a slight chance that the tropical expressions of uncertainty (i.e., "Tropical Storm Conditions Likely", "Hurricane Conditions Possible") could unintentionally and temporarily appear on weather.gov Point and Click forecast pages 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. The national TCV product contains a summary of collaborated wind and/or storm surge watches and warnings, depicted by NWS-defined geographic zones.

For more information, please contact:

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