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Public Information Statement 26-42
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From: Jamie Rhome, Deputy Director
 National Hurricane Center

Subject: Tropical Collaboration Testing May 18, 2026

The NWS National Hurricane Center (NHC) and Weather Forecast Office Honolulu (HFO) will perform internal tropical collaboration testing on May 18, 2026.

This internal testing will begin daily at approximately 1500 UTC and terminate at 2100 UTC.

The testing will include the exchange of Tropical Storm, Hurricane, and Storm Surge Watches/Warnings between NHC and WFO HFO, generation of the local WFO HFO Tropical Cyclone Watch/Warning (TCV), generation of p-surge data, and the addition of tropical cyclone information into National Digital Forecast Database (NDFD) elements.

Internal tropical watches and warnings, TCV test products and NDFD elements are not intended to be released externally through NWS dissemination and communication systems. Any TCV products that are inadvertently released during the testing period are solely for testing purposes and do not represent current or forecast weather conditions.

The text product affected by collaboration testing is the Local HFO Tropical Cyclone Watch/Warning (TCV) product issued under the following AWIPS Product Identifiers (PIL) and World Meteorological Organization (WMO) Identifiers (ID):

TCV Product	AWIPS PIL	WMO ID
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Local HFO TCV	TCVHFO	WTHW80 PHFO

The local HFO TCV product contains HFO tropical wind and/or storm surge watches and warnings, depicted by NWS-defined geographic zones. This product is used to alert Wireless Emergency Alerts (WEA) for the Hurricane and Storm Surge Warnings. Since products are not intended to be released publicly, no WEAs are expected.

In addition, the following NDFD elements will be created for this test:

- Hazard grid (including tropical storm, hurricane, and storm surge hazards)

P-surge guidance will be run during the test and the test data will be available publicly at the following URL:

<https://slosh.nws.noaa.gov/psurge/>

The NWS will continue periodic internal tropical software testing during the remainder of 2026.

For more information, please contact:

National Hurricane Center

Tropical.Program@noaa.gov

National Public Information Statements are online at:

<https://www.weather.gov/notification/>

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