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Public Information Statement 25-27
National Weather Service Headquarters Silver Spring MD
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To: Subscribers:
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From: Greg Schoor, Chief
 Marine, Tropical and Tsunami Services Branch

Subject: Hurricane Threats and Impacts (HTI) Mosaic Testing on
April 24, 2025 (backup date: April 29, 2025)

The National Weather Service (NWS) Weather Forecast Offices (WFOs) in Honolulu, Hawaii, San Juan, Puerto Rico, and all WFOs in the contiguous United States that can issue tropical storm and hurricane hazards will commence with Hurricane Threats and Impacts (HTI) threat grid mosaic testing on Thursday, April 24, 2025. Testing will begin at approximately 1500 UTC. Test activities will take approximately 1 hour. However, NWS dissemination systems may take up to an hour and a half to purge all test data. All test data is expected to be cleared by 1730 UTC.

In the event that the commencement date is declared a Critical Weather Day (CWD), an Enhanced Caution Event, or other event is occurring or is anticipated to occur, the testing will commence at the affected offices on April 29, 2025.

For the test, HTI grids will be created for hurricane Wind Threat, Flooding Rain Threat, Tornado Threat, and Storm Surge Threat (where applicable) at each participating WFO. Those grids are stitched together into storm-scale HTI graphics. The HTI Mosaic graphics are available in Keyhole Markup Language (KML) format on the following webpage:

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

The mosaics are also available through the National Digital Forecast Database and on web pages hosted by the Weather Forecast Offices (WFOs) affected by tropical cyclones. These webpages include WFO Tropical Webpages and Graphical Hazardous Weather Outlook (GHW) Webpages.

GHW Webpages use the following URL format, where "XXX" should be replaced with the 3-letter identifier for the WFO of interest (note that WFO Honolulu does not have a GHW webpage):
<https://www.weather.gov/erh/ghw?wfo=XXX>

WFO 3-letter identifiers and the respective NWS Region that each WFO belongs to is listed at the following page:

<https://www.weather.gov/pimar/CWAbbyWFO>

NWS Eastern, Southern, and Western Region WFO Tropical Webpages use the following URL format, where "XXX" should be replaced with the 3 letter identifier for the WFO of interest:

NWS Eastern Region WFOs:

<https://www.weather.gov/XXX/tropical#hti>

NWS Southern Region and Western Region WFOs:

<https://www.weather.gov/srh/tropical?office=XXX#hti>

The Tropical Webpage for WFO Honolulu can be found at:

<https://www.weather.gov/hfo/hti>

User information about HTI can be found here:

https://www.weather.gov/media/srh/tropical/HTI_Explanation.pdf

More specific details on HTI can be found in the Product Description Document:

<https://www.weather.gov/media/srh/tropical/PDD HTI.pdf>

Periodic software and hardware testing in preparation for tropical cyclone events will continue during the remainder of 2025.

For more information, please contact:

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National Public Information Statements are online at:

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

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