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Public Information Statement 22-25  
National Weather Service Headquarters Silver Spring MD  
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From:         Kate Abshire, Acting Chief  
              Marine, Tropical and Tsunami Services Branch

Subject:      Hurricane Threats and Impacts (HTI) Mosaic Testing on  
              May 3, 2022 (Backup dates: May 4-5, 2022)

The National Weather Service (NWS) Weather Forecast Office (WFO) in Honolulu and WFOs in the NWS Southern Region and in the NWS Eastern Region will commence with Hurricane Threats and Impacts (HTI) threat grid mosaic testing on Tuesday, May 3. May 4 and 5 have been designated as backup test dates in the event that testing cannot be conducted on May 3.

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.

For the test, HTI grids will be created for Hurricane Wind Threat, Hurricane Storm Surge Threat, Hurricane Flooding Rain Threat, and Hurricane Tornado Threat. These grids are sent to the National Digital Forecast Database (NDFD) and can be seen on the NDFD web viewer at:  
<https://digital.weather.gov>

The Product Description Document for these threat grids can be found here:  
<https://www.weather.gov/media/srh/tropical/PDD HTI.pdf>

HTI grids are created by WFOs for their county warning area and mosaicked together to form a more geographically consistent depiction of the threat posed by hurricane hazards. The HTI mosaics can be found in kml format at:  
<https://weather.gov/hti>

When populated HTI grids are posted, they also can be found on the WFO Tropical Web Portal page linked below under the "Threats and Impacts" tab:  
<https://www.weather.gov/srh/tropical>

Periodic software and hardware testing in preparation for tropical cyclone events will continue during the remainder of 2022.

For more information, please contact:

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