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Public Information Statement 21-25  
National Weather Service Headquarters Silver Spring MD  
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To:           Subscribers:  
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From:         Michael Angove, Acting Chief  
              Marine, Tropical and Tsunami Services Branch

Subject: Hurricane Threats and Impacts (HTI) Mosaic Testing on April 8,  
2021 (Backup date: April 22, 2021)

The NWS Weather Forecast Office (WFO) in Honolulu, HI 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 Thursday, April 8, 2021. Thursday, April 22 has been designated as the backup test date in the event that testing cannot be conducted on April 8.

Testing will begin at approximately 1500 Coordinated Universal Time (UTC). Test activities will take approximately one 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](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 Keyhole Markup Language (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 2021.

For more information, please contact:

Jessica Schauer  
National Tropical Services Program Manager  
National Weather Service Office  
Miami, FL  
305-229-4476  
[tropical.program@noaa.gov](mailto:tropical.program@noaa.gov)

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