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Public Information Statement 20-23
National Weather Service Headquarters Silver Spring MD
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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 21,
2020, (backup date, April 22)

The 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, April 21, 2020. Wednesday, April 22 has been designated as the backup test date in the event that testing cannot be conducted on the April 21.

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>

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>

NWS WFOs participating in this HTI Mosaic Test are listed below by NWS Region:

NWS Eastern Region:

Blacksburg/Roanoke, VA (RNK)
Caribou, ME (CAR)
Charleston, SC (CHS)
Columbia, SC (CAE)
Greenville-Spartanburg, SC (GSP)
Mount Holly, NJ (PHI)
Newport/Morehead City, NC (MHX)
New York, NY (OKX)
Raleigh-Durham, NC (RAH)
Sterling, VA (LWX)
Wakefield, VA (AKQ)

NWS Pacific Region:

Honolulu, HI (HFO)

NWS Southern Region:

Atlanta, GA (FFC)
Austin-San Antonio, TX (EWX)
Birmingham, AL (BMX)
Brownsville, TX (BRO)
Corpus Christi, TX (CRP)
Fort Worth, TX (FWD)
Jacksonville, FL (JAX)
Key West, FL (KEY)
Lake Charles, LA (LCH)
Melbourne, FL (MLB)
Miami, FL (MFL)
Mobile, AL (MOB)
New Orleans, LA (LIX)
Tallahassee, FL (TAE)
Tampa Bay Area, FL (TBW)

Periodic software and hardware testing in preparation for hurricane events will continue during the remainder of 2020.

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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