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From: Allison Allen, Chief
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Subject: Hurricane Threats and Impacts (HTI) Mosaic Testing at WFOs San Diego (SGX) and Los Angeles/Oxnard, CA (LOX) on June 22, 2021

The NWS Weather Forecast Offices (WFO) in San Diego (SGX) and Los Angeles/Oxnard, CA (LOX) will test the Hurricane Threats and Impacts (HTI) threat grid mosaic on Tuesday, June 22, 2021.

Testing will begin at approximately 1700 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 1930 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>

While unlikely, there is a slight chance that the tropical expressions of uncertainty (i.e., "Tropical Storm Conditions Likely", "Hurricane Conditions Possible") could temporarily appear on weather.gov Point and Click forecast pages unintentionally because this test includes the internal creation of tropical wind speed probabilities.

Periodic software and hardware testing in preparation for tropical cyclone events will continue during the remainder of 2021.

For more information, please contact:

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