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Service Change Notice 25-06
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: NWS is Extending the 64-kt Wind Radii Forecasts to Day 3 in the Tropical Cyclone Forecast/Advisory Product (TCM): Effective on or about May 15, 2025

Effective on or about Thursday, May 15, 2025, the National Weather Service (NWS) will extend the 64-kt wind radii forecasts to day 3 (72 hours) in the Tropical Cyclone Forecast/Advisory Product (TCM). The TCM is a text product prepared and issued by the NWS's National Hurricane Center (NHC) and the Central Pacific Hurricane Center (CPHC) for tropical cyclones in their respective basin of responsibility. TCMs are issued for the Atlantic and eastern Pacific basins by the NHC. TCMs are issued for the central Pacific by the CPHC. Currently, the maximum radial extent of 64-kt tropical cyclone winds in each of the four quadrants around the storm is provided through Day 2 (48 hours) in the TCM product. NHC and CPHC will now provide 64-kt wind radii forecast for the 60-hour and 72-hour forecast periods. This extension of forecast wind radii information will provide more information to partners and the public on the areal extent of hazardous winds.

A description of the Tropical Cyclone Forecast/Advisory Product (TCM) can be found in the Product Description Document:

https://nsdesk.servicenowservices.com/api/g_noa/nwspc/res2/eca13c644707d610f6550c03e16d438e

An example of the updated TCM product that includes the extension of the 64-kt wind forecast radii to 3 days can be found here:

https://www.nhc.noaa.gov/tcm_example.shtml

The forecast wind radii from the TCM product are available in real-time in a geographic information system (GIS) friendly format at the following link:

<https://www.nhc.noaa.gov/gis/>

Please direct any comments or questions to:

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National Service Change Notices are online at:

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

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