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PNSWSH

Service Change Notice 24-22
National Weather Service Headquarters Silver Spring MD
250 PM EST Thu Feb 22 2024

To: Subscribers:
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From: Greg Schoor, Chief
 Marine, Tropical, and Tsunami Services Branch

Subject: NWS is Extending the 34- and 50-kt Wind Radii Forecasts from 3 Days to 5 Days in the Tropical Cyclone Forecast/Advisory Product (TCM): Effective on or about May 15, 2024

Effective on or about Wednesday, May 15, 2024, the National Weather Service (NWS) will extend the 34- and 50-kt wind radii forecasts from 3 days to 5 days 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 34- and 50-kt tropical cyclone winds in each of the four quadrants around the storm is provided through Day 3 in the TCM product. NHC/CPHC will extend these 34- and 50-kt wind radii forecast in the TCM out from 3 days to 5 days, under the "Extended Outlook" section of the text product. This extension of forecast wind radii information will provide more information to partners and the public on the areal extent of hazardous winds in the 4- and 5-day time periods.

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/res2/776e2bb91b58ce54135feb9ce54bcbc3

An example of the updated TCM product that includes the extension of the 34- and 50-kt wind forecast radii to 5 days can be found here:

https://www.nhc.noaa.gov/productexamples/tcm2024_example.php

The forecast wind radii from the TCM product is available in a GIS graphical format at the following link:

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

Please direct any comments or questions to:

Jessica Schauer
NWS Tropical Services Program Manager
Miami, FL
Email: tropical.program@noaa.gov

National Service Change Notices are online at:

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

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