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Service Change Notice 23-18
National Weather Service Headquarters Silver Spring MD
1200 PM EST Wed Feb 22 2023

To: Subscribers:
 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
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From: Greg Schoor, Chief
 Marine, Tropical and Tsunami Services Branch

Subject: Operational Tropical Cyclone Discussion (TCD) and Tropical
Cyclone Forecast/Advisory (TCM) Products for Tropical Cyclone Forecasts
Originating from the Weather Prediction Center: Effective on or about May
15, 2023

Effective May 15, 2023, the Weather Prediction Center (WPC) will issue
Tropical Cyclone Forecast Discussion (TCD) and Tropical Cyclone
Forecast/Advisory (TCM) products that will post to the hurricanes.gov
website. WPC serves as the primary tropical cyclone forecast center for
inland tropical depressions or post-tropical cyclones that continue to
pose a significant rainfall threat with each regular advisory package
issued at 0300, 0900, 1500 and 2100 Coordinated Universal Time (UTC).

Currently, WPC operationally issues Tropical Cyclone Public Advisory (TCP)
products after the National Hurricane Center (NHC) discontinues advisories
on any system with a persistent surface low pressure area that has moved
inland in the conterminous U.S. (CONUS), but still poses a threat of heavy
rain and flash floods in the CONUS. More details on when WPC issues TCPs
can be found in Section 5.5 of NWS Instruction (NWSI) 10-607, found at:

<https://www.nws.noaa.gov/directives/sym/pd01006007curr.pdf>

When issued by WPC, the TCD product will be used to deliver key messages
pertaining to the potential hazards associated with tropical or post-
tropical cyclones. It will also include the analysis and forecast
positions and intensities. More information about the TCD can be found in
section 1.3 of NWSI 10-607. An example of a TCD product from WPC can be
viewed at:

<https://www.wpc.ncep.noaa.gov/tropical/InlandTCDsampleIda.txt>

The TCM product that will be issued by WPC will include all of the
elements noted in section 1.2 of NWSI 10-607. An example of a TCM product
from WPC is linked below:

<https://www.wpc.ncep.noaa.gov/tropical/InlandTCMsampleIda.txt>

Once operational, these products will be provided through the same dissemination channels (e.g., Satellite Broadcast Network, and NOAA Weather Wire Service) as TCD and TCM products issued by NHC and the Central Pacific Hurricane Center (CPHC).

Please note that once WPC begins issuing TCD and TCM products, the TCP issued by WPC will no longer provide a table at the end of the TCP product with the tropical cyclone analysis and forecast positions and intensities since that information will be readily available in both the TCD and TCM products. The intent of these changes to the WPC tropical cyclone text products is to allow for more consistency with the tropical cyclone advisory text product suite currently issued by the NHC and the CPHC.

For more information, please contact:

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National Service Change Notices are online at:

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

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