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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:
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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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