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Public Information Statement 22-45
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From: Kate Abshire, Acting Chief
 Marine, Tropical and Tsunami Services Branch

Subject: Soliciting Comments on Experimental Tropical Cyclone Discussion (TCD) and Tropical Cyclone Forecast/Advisory (TCM) Products for TC Forecasts Originating from the Weather Prediction Center (WPC) through November 30, 2022

Effective immediately, the Weather Prediction Center (WPC) will issue experimental Tropical Cyclone Forecast Discussion (TCD) and Tropical Cyclone Forecast/Advisory (TCM) products that will experimentally post to hurricanes.gov with each regular advisory package issued at 0300, 0900, 1500 and 2100 Coordinated Universal Time (UTC). These products will not be disseminated through other channels during this experimental period. Comments are being solicited on these changes through November 30, 2022.

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 solely to experimentally deliver key messages pertaining to the potential hazards associated with tropical or post-tropical cyclones. It will not include the forecast rationale that is provided when the product is issued by the NHC or the Central Pacific Hurricane Center (CPHC), but it will 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 an experimental TCD product from WPC can be viewed at:

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

The TCM product that will be issued experimentally by WPC will include all of the elements noted in section 1.2. An example of an experimental TCM product from WPC is linked below:

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

Users are encouraged to provide feedback on this experimental product through the NWS survey at:

https://www.surveymonkey.com/r/ExpWPCTCDiscAdv_2022

If feedback is favorable, WPC TCD and TCM products are expected to become operational in 2023. Once operational, these products will be provided through the same dissemination channels (e.g., Satellite Broadcast Network, and National Weather Wire Service), as TCD and TCM products issued by NHC and CPHC.

For more information, please contact:

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National Public Information Statements are online at:

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

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