

Proposed PDD Hurricane Local Watch/Warning Product

Part I - Mission Connection

Service Description – The Hurricane Local Watch/Warning (TCV) product is a segmented, automated Weather Forecast Office (WFO) product, with each segment being a discrete zone. Each segment contains land-based tropical cyclone watches/warnings in effect, meteorological information, hazards (rain, storm surge, wind, tornadoes) and their potential impacts, and local preparedness information. This product is intended for parsing by the weather enterprise, and is paired with the WFO Hurricane Local Statement to provide a complete, localized tropical forecast. The product is issued by coastal and select inland WFOs in the Atlantic hurricane basin and WFO Honolulu in the Pacific hurricane basin when a tropical, subtropical, or life-threatening post-tropical cyclone affects land areas within their County Warning Area (CWA).

Purpose – Provide users the ability to automatically parse and distribute tropical cyclone information at the county/parish level to their customers.

Audience – Users who decode and parse Valid Time Event Code (VTEC) coding.

Presentation Format – Text.

Feedback Method

Questions on this product may be addressed to:

National Weather Service
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Part II - Technical Description

Format & Science Basis – The product is disseminated in text format and provides tropical cyclone information specific to a WFO's CWA in a one zone-one segment basis using a Universal Geographic Code (UGC) and VTEC. The Tropical VTEC codes used are:

TR.A – Tropical Storm Watch
TR.W – Tropical Storm Warning
HU.A – Hurricane Watch
HU.W – Hurricane Warning

Product Availability – When tropical cyclone watches or warnings are in effect, the TCV would be disseminated at a minimum of every six hours, though it can be issued more frequently depending upon the situation. The product is issued by coastal and select inland WFOs in the Atlantic hurricane basin and will be issued by WFO Honolulu beginning in the 2017 season.

c. Additional Information

An example of the TCV can be found at:

<http://www.nws.noaa.gov/om/marine/pns/TCV-example.pdf>.

A full description of other NWS Tropical Cyclone Program products is provided in NWS Instruction 10-601, which is available on the Internet at:

<http://www.nws.noaa.gov/directives/sym/pd01006001curr.pdf>.