

PRODUCT DESCRIPTION DOCUMENT

Extreme Wind Warning (EWW)

Extreme Wind Warning Product Description Document

Part I - Mission Connection

- a. Product Description - The Extreme Wind Warning (EWW) is a text product prepared by the National Weather Service (NWS) Weather Forecast Offices (WFOs). The product warns of imminent or impending extreme winds associated with a landfalling hurricane.
- b. Purpose - The EWW provides short-fused, county or sub-county sized alerts in the final moments prior to the rapid onset of destructive winds associated with the inner rain-bands of major hurricanes. The warning threshold has been set high to keep warning issuances reserved for events which truly pose a very significant threat of casualties.
- c. Audience - The general public is the primary target audience for the product. However, this product is widely used by other federal, state, and local government agencies; state and local emergency managers; and the media.
- d. Presentation Format - This is a text product. The product is segmented and carries the Valid Time Event Code (VTEC). The product type line Mass News Disseminator header block will be Extreme Wind Warning.
- e. Feedback Method -

Technical and policy questions and comments for the EWW may be addressed to:

National Weather Service
Attn: Scott Kiser, W/OS21
Tropical Cyclone Program Manager
1325 East-West Highway, Room 13126
Silver Spring, MD 20910-3283

or e-mail questions and comments to: Scott.Kiser@noaa.gov

Part II - Technical Description

- a. Format & Science Basis - The EWW product is a text product produced by WFOs. The following criteria (as specified in NWS Tropical Cyclone Directive 10-601) must be met for issuance of extreme wind warnings:
 - Imminent onset of, or occurring, tropical cyclone-related sustained surface winds, greater than or equal to 100 knots (115 mph).
 - Extreme tropical cyclone winds expected to occur within a WFO's county warning area within an hour.

In addition, Extreme Wind Warnings will...

- Be issued for the smallest geographic area possible, encompassing the extreme wind conditions.
 - Use valid times of two hours or less.
 - Not be reissued for the same location (if conditions persist, follow-up information or updates will be provided within Severe Weather Statements).
- b. Product Availability - The product is event driven and therefore is not routinely issued. The product is made available via various means of dissemination such as: the NOAA Weather Radio, NOAAPort and the NOAA Weather Wire.
- c. Additional Information
A full description of this and other NWS Tropical Cyclone Weather Services Program Products is provided in NWSI 10-601, which is available on the Internet at:

<http://www.nws.noaa.gov/directives/010/010.htm>

Coordination with the Federal Communication Commission is underway to obtain a separate Emergency Alert System (EAS) event code.