

PRODUCT DESCRIPTION DOCUMENT

Tropical Weather Outlook

**Approved: //SIGNED//
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Tropical Weather Outlook Product Description Document

Part I - Mission Connection

- a. Product Description - The Tropical Weather Outlook (TWO) is a text product prepared by the National Weather Service's (NWS) National Hurricane Center (NHC) and Central Pacific Hurricane Center (CPHC) for their respective areas of responsibility.
- b. Purpose - The TWO is a general assessment of activity in the tropics, pertaining to tropical cyclone formation by providing possible areas where tropical cyclones could development.
- c. Audience - The general public is the primary target audience for the product. However, this product is widely used by other WFOs; federal, state, and local government agencies; state and local emergency managers, the Department of Defense, nations in the Caribbean, Central America and Mexico, the media, and maritime interests.
- d. Presentation Format - This is a text product which consists of either a sentence or one or more short paragraphs in non-technical language.

The TWOs for the Atlantic and East Pacific basins are provided at:

<http://www.nhc.noaa.gov/>

The TWO for the Central Pacific basin is provided at:

<http://www.prh.noaa.gov/pr/hnl/cphc/>

- e. Feedback Method - Continuous feedback is available via an Internet page e-mail link to the Marine and Coastal Weather Services Branch.

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

National Weather Service
Attn: John F. Kuhn, W/OS21
1325 East-West Highway, Room 13124
Silver Spring, MD 20910-3283

or e-mail questions and comments to: john.f.kuhn@noaa.gov

Part II - Technical Description

- a. Format & Science Basis - The TWO product is produced by hurricane forecasters, and provides a current assessment, in plain language, of areas of disturbed weather and their potential for TC formation over the next 48 hours. These outlooks are based on current trends, large-scale atmospheric and oceanic conditions, and global model predictions.

- b. Product Availability – The products will be issued throughout the hurricane season at 0000, 0600, 1200 and 1800 coordinated universal time (UTC). In the event important changes occur with areas of disturbed weather over tropical or subtropical waters that need to be conveyed before the next scheduled release of the TWO, then a Special Tropical Weather Outlook will be disseminated.

- 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>