

**NATIONAL WEATHER SERVICE**  
**PRODUCT/SERVICE DESCRIPTION DOCUMENT (PDD)**  
**TYPE: Official Product**  
**DATE: June 19, 2003**

---

TROPICAL WEATHER OUTLOOK

**Part 1 - Mission Connection**

**1. Product/Service Description:**

The Tropical Weather Outlook (TWO) is a text product prepared by the National Weather Services (NWS) National Hurricane Center (NHC) and Central Pacific Hurricane Center (CPHC) for their respective areas of responsibility.

**2. Purpose/Intended Use:**

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.

**3. 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.

**4. 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/pages/cphc.shtml>.

**5. Feedback Method:**

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

Technical and policy questions, and comments for the TWO 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](mailto:Scott.Kiser@noaa.gov)

## Part 2 - Technical

### 1. **Format and 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 (which have recently demonstrated some skill in depicting TC genesis).

### 2. **Availability:**

The product is issued at the same local times throughout the hurricane season. In the Atlantic, transmission times are 0530, 1130, 1730, and 2230 Eastern local time. In the eastern Pacific, transmission times are 0400, 1000, 1600, and 2200 Pacific local time; and in the central Pacific, 0200, 0800, 1400 and 2000 UTC.

### 3. **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/operation\\_services.htm](http://www.nws.noaa.gov/directives/010/operation_services.htm).