



World Meteorological Organization

Working together in weather, climate and water

**Workshop of PTC/WGM**  
**Case Studies of TC Analysis and**  
**Forecasting**

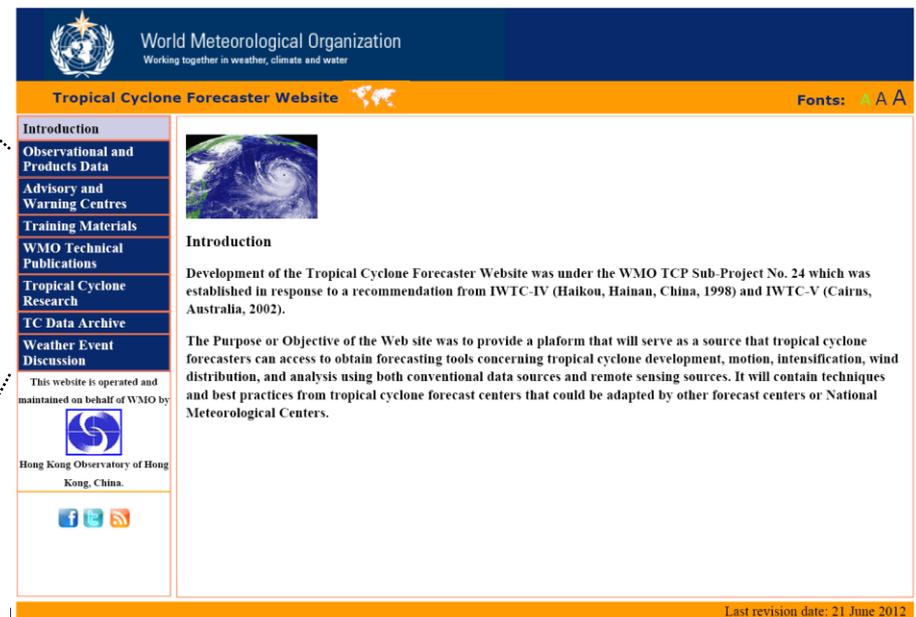
***TROPICAL CYCLONE PROGRAMME***

# Tropical Cyclone Forecaster Website

## Menu

<b>Introduction</b>
<b>Observational and Products Data</b>
<b>Advisory and Warning Centres</b>
<b>Training Materials</b>
<b>WMO Technical Publications</b>
<b>Tropical Cyclone Research</b>
<b>TC Data Archive</b>
<b>Weather Event Discussion</b>

## Main Page



The screenshot shows the main page of the Tropical Cyclone Forecaster Website. At the top, there is a blue header with the WMO logo and the text "World Meteorological Organization Working together in weather, climate and water". Below this is an orange banner with the website title "Tropical Cyclone Forecaster Website" and a "Fonts: A A" option. The main content area is white and features a left-hand navigation menu with the following items: Introduction, Observational and Products Data, Advisory and Warning Centres, Training Materials, WMO Technical Publications, Tropical Cyclone Research, TC Data Archive, and Weather Event Discussion. The "Introduction" page is currently selected and displays a satellite image of a tropical cyclone. The text on the page states: "Development of the Tropical Cyclone Forecaster Website was under the WMO TCP Sub-Project No. 24 which was established in response to a recommendation from IWTC-IV (Haikou, Hainan, China, 1998) and IWTC-V (Cairns, Australia, 2002). The Purpose or Objective of the Web site was to provide a platform that will serve as a source that tropical cyclone forecasters can access to obtain forecasting tools concerning tropical cyclone development, motion, intensification, wind distribution, and analysis using both conventional data sources and remote sensing sources. It will contain techniques and best practices from tropical cyclone forecast centers that could be adapted by other forecast centers or National Meteorological Centers." At the bottom right of the page, it says "Last revision date: 21 June 2012".

<http://tcfcast.worldweather.org/TCF-Main2.html>



# TC Forecaster Website (cont'd)

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**Tropical Cyclone Forecaster Website** 

Fonts: [A](#) [A](#) [A](#)

**Introduction**

**Observational and Products Data**

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**WMO Technical Publications**

**Tropical Cyclone Research**

**TC Data Archive**

**Weather Event Discussion**

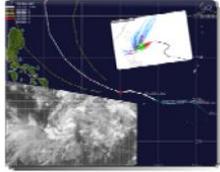
This website is operated and maintained on behalf of WMO by

  
Hong Kong Observatory of Hong Kong, China.

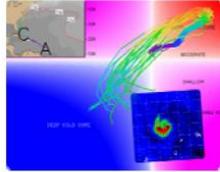
  

**Observational and Products Data**

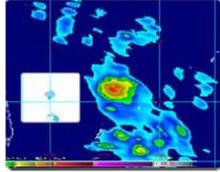
**TC Position & Track**



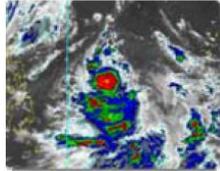
**TC Genesis, Intensity & Structure**



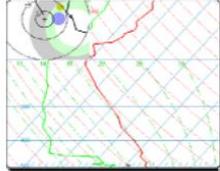
**TC Rainfall**



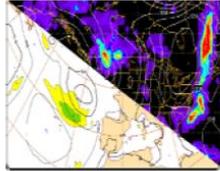
**Space-based Observations**



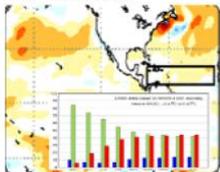
**Upper-air Data**



**NWP Products**



**TC Outlooks**

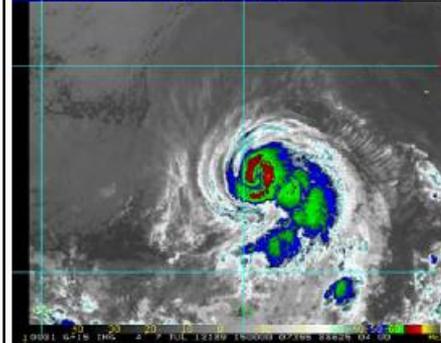


Last revision date: 21 June 2012

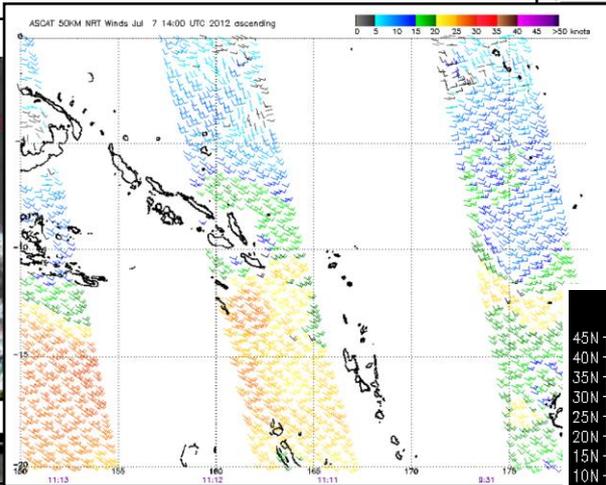


# TC Forecaster Website (cont'd)

EP042012 - Hurricane DANIEL

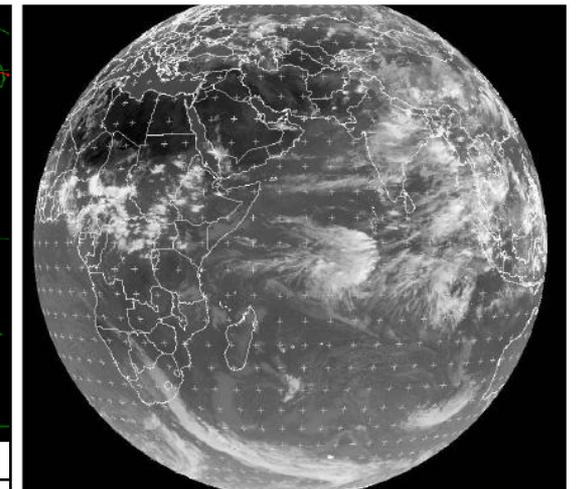
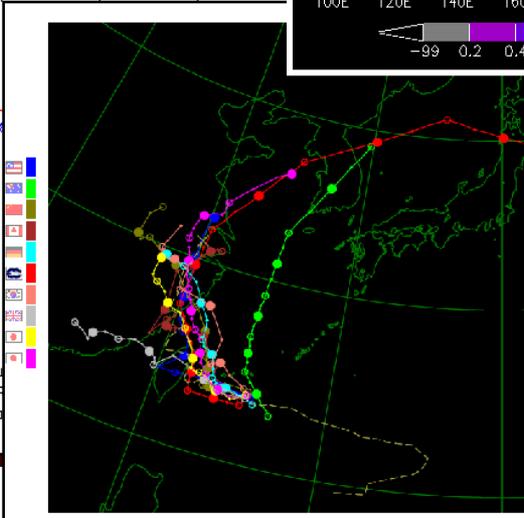
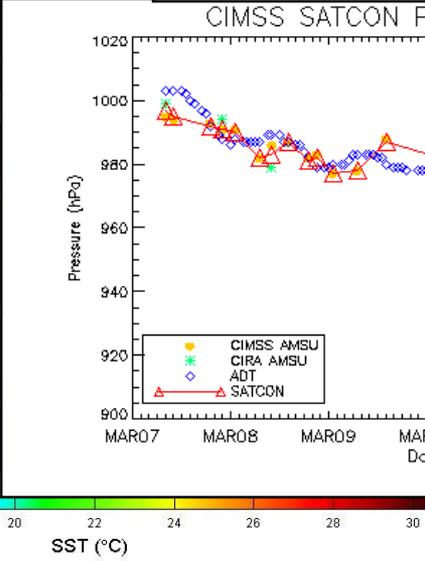
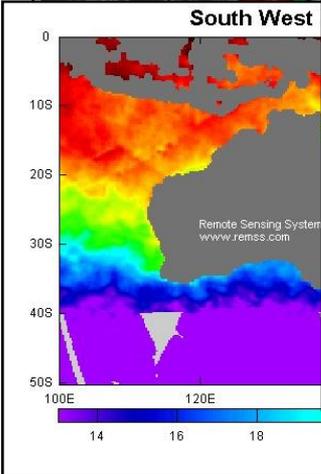
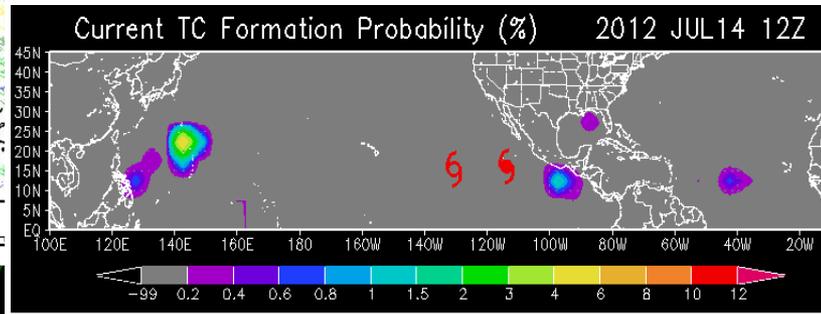


EP972012 - INVEST



**UW-CIMSS Automated Satellite-Based  
Advanced Dvorak Technique (ADT)  
Version 8.1.3  
Tropical Cyclone Intensity Estimation Algorithm**

**Current Intensity Analysis**





# TC Forecaster Website (cont'd)

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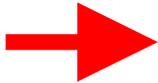
Hong Kong Observatory of Hong Kong, China.

## Advisory and Warning Centres

Operational tropical cyclone advisories and warning information from [WMO Severe Weather Information Centre](#).

RSMCs and TCWCs TC advisory :

: RSMCs : TCWCs



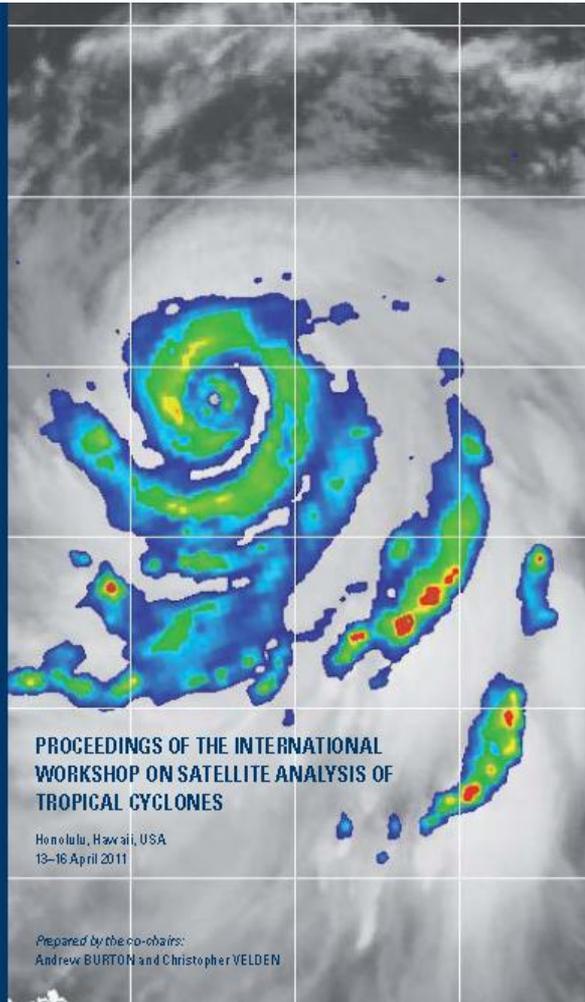


WMO OMM

# Proceedings of the IWSATC

## General Outcomes of IWSATC

1. Much greater **interagency understanding**. This workshop was an “eye opener” to many of the attendees.
2. Significant **documentation** of some of the causes of interagency differences in intensity estimates.
3. Important **feedback from forecasters to developers** of the emerging objective techniques.
4. Dialogue started **between researchers and operational centres** regarding the sharing of observational datasets.



PROCEEDINGS OF THE INTERNATIONAL  
WORKSHOP ON SATELLITE ANALYSIS OF  
TROPICAL CYCLONES

Honolulu, Hawaii, USA  
13–16 April 2011



World  
Meteorological  
Organization  
Météorologie  
Météorologie  
Report No. TCP-52

Prepared by the co-chairs:  
Andrew BURTON and Christopher VELDEN



**WMO OMM**

# World Meteorological Organization

Working together in weather, climate and water

**Thank you  
for your  
attention**

