



**ESCAP/WMO Typhoon Committee
8th IWS/2nd TRCG Forum on the main theme of
“Forecasting, Warning and DRR Strategies in the Mitigation of Tropical Cyclone
Impact in a Multi-hazard Environment”
2 – 6 December 2013
Macao Science Center, Macao, China**

From

Country Report - WGH

PHILIPPINES

Chronology of PAGASA Activities

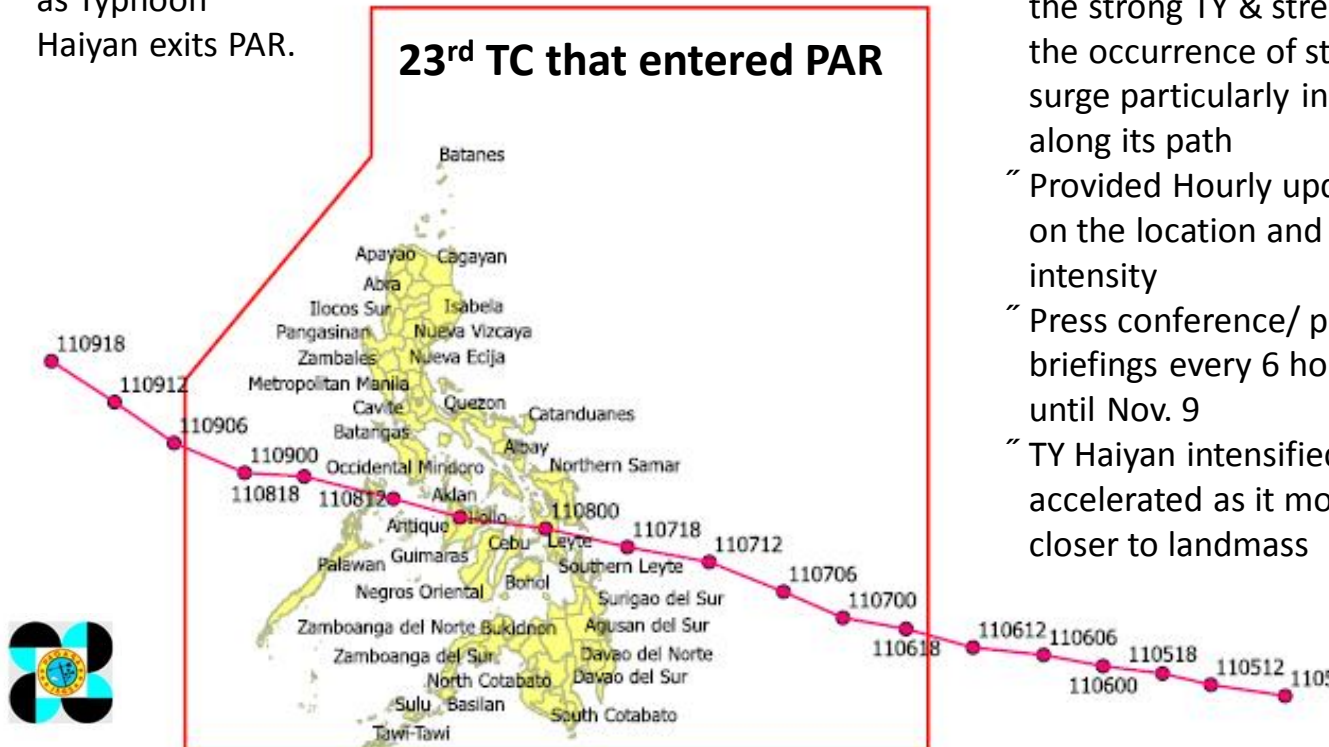
09 Nov 2013:

- " PSWS #3 and #4 were lowered after Haiyan crossed Visayas islands and continued to move away from the country
- " Final bulletin was issued at 3:30PM as Typhoon Haiyan exits PAR.

08 Nov 2013:

- " Auxilliary bulletin was issued at 2AM to include other areas in Central Visayas and Southern Luzon under PSWS#4 due to acceleration of Haiyan
- " 4:40AM, Haiyan made landfall over Guiuan, Eastern Samar
- " 11PM, Haiyan exits the landmass of N. Palawan after crossing Central Visayas and Southern Luzon area

23rd TC that entered PAR



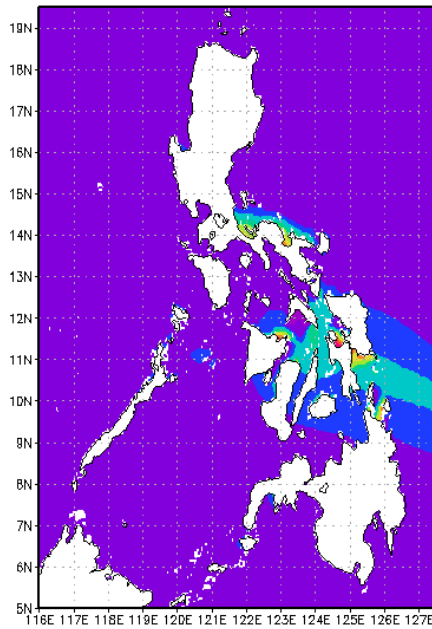
07 Nov 2013:

- " Deployed STRIDE Team to Sorsogon
- " Emphasized that a storm surge of **5-7 meters** is expected over the coastal areas in provinces of Surigao, Dinagat , **Samar and Leyte**, Sorsogon, Masbate, Northern Cebu and Bohol
- " Conferred w/ the President who called for a nationwide preparation for the strong TY & stressed the occurrence of storm surge particularly in areas along its path
- " Provided Hourly updates on the location and intensity
- " Press conference/ press briefings every 6 hours until Nov. 9
- " TY Haiyan intensified & accelerated as it moved closer to landmass

06 Nov 2013:

- " Issued Regular Severe Wx. Bulletin although the TY was still outside PAR
- " Presented in the NDRRMC meeting the forecast track of TY Haiyan and possible impacts
- " Press conference - PAGASA emphasized that PSWS No. 4 will be issued and storm surge is expected.
- " Assigned a meteorologist at the NDRRMC Operation Center
- " Dispatched 2 meteorologists to Iloilo
- " Dispatched 2 radar technicians to Hinatuan Radar operation.

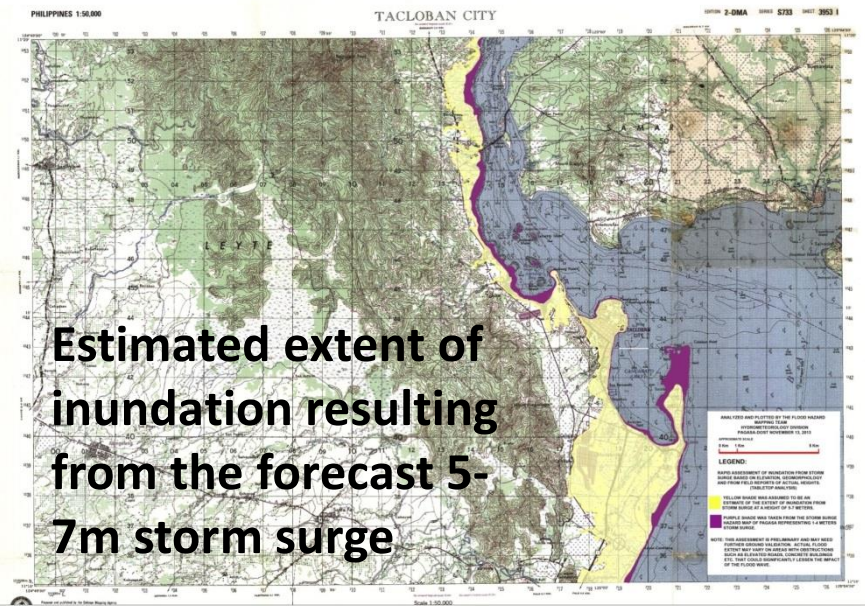
05 Nov - Issued initial Weather Advisory
- Visayas PRSD alerted the media & Prov. Gov. of Cebu & Bohol approaching TY



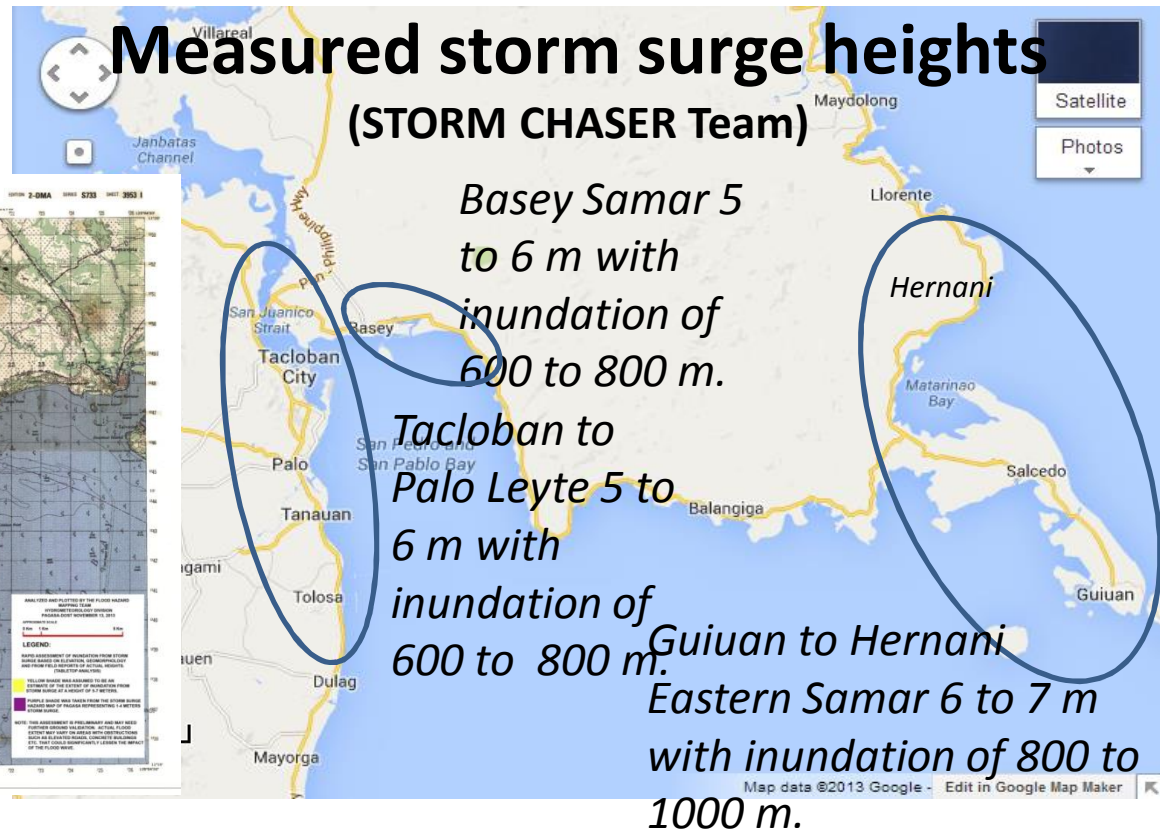
Highest Storm surge output by the JMA model ~ 3.57 m (minus astronomical tide)

Typhoon Haiyan made landfall in Guiuan Eastern Samar specifically over Homonhon & Suluan Islands. last recorded pressure before landfall at Guiuan station was 910.0 hPa ~ **max sustained wind is 240kph** near the center and gustiness up to **280kph**

PAGASA forecast: 5-7 meters



Estimated extent of inundation resulting from the forecast 5-7m storm surge



Typhoon Haiyan and its impacts

Damaged PAGASA stations:

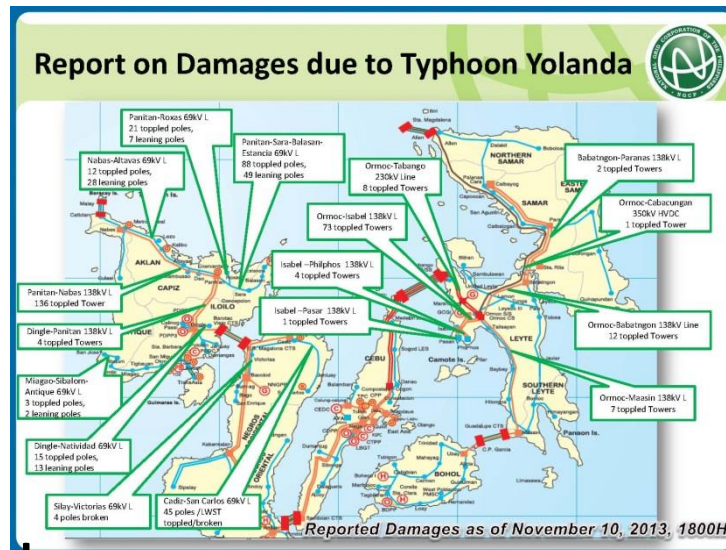
9 synoptic

2 agromet



PAGASA Tacloban synoptic station

location of the container van which was carried away by the storm surge



Toppled:

➤ 200 transmission towers, 2000 poles

Estimated cost of damage: PhP5 billion (USD119 M)



photo - credit: AFP Central Command from their Facebook page:
<https://www.facebook.com/media/set/?set=a.356701284467306.1073741835.323973651073403&type=1>

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Tacloban City

