



REPUBLIC OF THE PHILIPPINES  
**NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL**  
National Disaster Risk Reduction and Management Center, Camp Aguinaldo, Quezon City, Philippines

21 August 2017

**MEMORANDUM**

**FOR :** SECRETARY OF NATIONAL DEFENSE AND  
CHAIRPERSON, NDRRMC

**THRU :** USEC CARDOZO M LUNA  
USND  
  
USEC. ERNESTO G. CAROLINA  
OIC, OUSCVRA

**SUBJECT :** Severe Weather Bulletin No. **04** re Tropical Storm "ISANG" (HATO)

Source: PAGASA-DOST

**I. SITUATION OVERVIEW:**

**"ISANG" has maintained its strength as it now moves in a west northwest direction.**

Estimated rainfall amount is from moderate to occasionally heavy rains within the 300 km diameter of the Tropical Storm.

Closest to Batanes group of islands **tonight or tomorrow (22 August 2017) early morning.**

**This weather will enhance the Southwest Monsoon which may bring light to moderate with possible occasionally heavy rains over Metro Manila, Central Luzon, CALABARZON, MIMAROPA, Bicol, and Visayas.**

Location of eye/center	At <b>4:00 AM</b> today, the center of <b>Tropical Storm "ISANG"</b> was estimated based on all available data at <b>330 km East of Basco, Batanes (20.4°N, 125.1°E).</b>
Strength	Maximum sustained winds of 65 kph near the center and gustiness of up to 80 kph.
Forecast Movement	Forecast to move <b>West Northwest</b> at 17 kph
Forecast Positions	<ul style="list-style-type: none"><li>• <b>24 hour (Tomorrow morning): 115 km West Northwest of Basco, Batanes (20.7°N, 120.9°E)</b></li><li>• <b>48 hour (Wednesday morning): 570 km West Northwest of Basco, Batanes (OUTSIDE PAR) (22.1°N, 116.8°E)</b></li><li>• <b>72 hour (Thursday morning): 1,250 km West Northwest of Laoag City, Ilocos Norte (OUTSIDE PAR) (23.5°N, 110.0°E)</b></li></ul>

TROPICAL CYCLONE WARNING SIGNAL				
TCWS	Luzon	Visayas	Mindanao	Impacts of the wind
				• <b>Light to moderate damage</b>

#2 (61-120kph expected in 24 hrs)	Batanes group of Islands			<p>to high risk structures;</p> <ul style="list-style-type: none"> <li>• Very light to light damage to medium-risk structures;</li> <li>• No damage to very light damage to low risk structures</li> <li>• Unshielded, old dilapidated schoolhouses, makeshift shanties, and other structures of light materials are partially damaged or unroofed.</li> <li>• A number of nipa and cogon houses may be partially damaged or totally unroofed.</li> <li>• Some old galvanized iron (G.I.) roofs may be peeled or blown off.</li> <li>• Some wooden, old electric posts are tilted or downed.</li> <li>• Some damage to poorly constructed signs/billboards</li> <li>• In general, the winds may bring light to moderate damage to the exposed communities. Most banana plants, a few mango trees, ipil-ipil and similar types of trees are downed or broken.</li> <li>• Some coconut trees may be tilted with few others broken.</li> <li>• Rice and corn may be adversely affected.</li> <li>• Considerable damage to shrubbery and trees with some heavy-foliaged trees blown down.</li> </ul>
Wave Height: (Open Sea) 4.-14.0 meters				

#### ACTIONS TAKEN

- NDRRM Operations Center disseminated Severe Weather Bulletin No. **04** for **Tropical Storm "ISANG"** to all OCD Regional Offices through SMS and facsimile and uploaded in the NDRRMC website for further dissemination to their respective local DRRMCs from the provincial down to the municipal levels
- Directed RDRRMCs concerned through the OCD Regional Offices to undertake precautionary measures in their areas of responsibility (AOR) and subsequently advised local DRRMCs to initiate pre-emptive evacuation of families in low-lying areas and mountainous areas if situations warrants

- The public and DRRM Councils concerned are advised to continuously monitor the updates which will be incorporated in the 24-hour public weather forecast

**For the information of the SND and Chairperson, NDRRMC.**

  
**USEC. RICARDO B. JALAD**  
 Executive Director, NDRRMC and  
 Administrator, OCD

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