



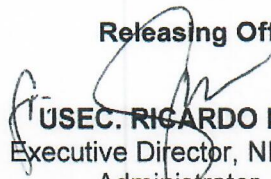
REPUBLIC OF THE PHILIPPINES  
**NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL**

National Disaster Risk Reduction and Management Center, Camp Aguinaldo, Quezon City, Philippines

**NDRRMC UPDATE**

**Severe Weather Bulletin No. 09 re  
 Tropical Storm "ISANG" (HATO)**

Releasing Officer:

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

**DATE: 21 August 2017, 8:00 PM**

Source: DOST-PAGASA

**I. SITUATION OVERVIEW:**

**Tropical Storm "ISANG" is now threatening Batanes group of Islands as it moves closer to the area.**

Estimated rainfall amount is from moderate to occasionally heavy rains within the 400 km diameter of the Tropical Storm.

**The Tropical storm is expected to be the vicinity of Batanes this midnight.**

This weather will enhance the Southwest Monsoon and may bring **light up to heavy rains may trigger landslides and flashfloods over Luzon and Visayas particularly the western section of Luzon including the Cordillera Administrative Region.**

<b>Location of eye/center</b>	At <b>7:00 PM</b> today, the center of Tropical Storm "ISANG" was estimated based on all available data at <b>120 km East of Basco, Batanes (20.4°N, 123.1°E).</b>			
<b>Strength</b>	Maximum sustained winds up to <b>80 kph</b> near the center and gustiness of up to <b>97 kph.</b>			
<b>Forecast Movement</b>	Forecast to move West Northwest at <b>15 kph</b>			
<b>Forecast Positions</b>	<ul style="list-style-type: none"> <li>• <b>24 Hour (Tomorrow night): 340 km West of Northwest of Basco, Batanes (OUTSIDE PAR) (21.2°N, 118.8°E)</b></li> <li>• <b>48 Hour (Wednesday night): 960 km West of Northwest of Basco, Batanes (OUTSIDE PAR) (23.2°N, 113.2°E)</b></li> <li>• <b>72 Hour (Thursday night): 1,385 km West Northwest of Basco, Batanes (OUTSIDE PAR) (25.2°N, 109.5°E)</b></li> </ul>			
<b>TROPICAL CYCLONE WARNING SIGNAL</b>				
<b>TCWS</b>	<b>Luzon</b>	<b>Visayas</b>	<b>Mindanao</b>	<b>Impacts of the wind</b>
#2 (61-120kph expected in 24 hrs)	Batanes group of Islands			<ul style="list-style-type: none"> <li>• Light to moderate damage to high risk structures;</li> <li>• <b>Very light to light damage to medium risk structures</b></li> <li>• <b>No damage to very light damage to low risk structures</b></li> <li>• Unshielded, old dilapidated</li> </ul>

				<p>schoolhouses, makeshift shanties, and other structures of light materials are partially damaged or unroofed.</p> <ul style="list-style-type: none"> <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>
<b>Wave Height: (Open Sea) 4.1-14.0 meters Storm surge possible at coastal areas</b>				
#1 (30-60kph expected in 36 hrs)	Northern Cagayan including Babuyan Group of Islands, Apayao and Ilocos Norte			<ul style="list-style-type: none"> <li>• Very light or no damage to low risk structures,</li> <li>• Light damage to medium to high risk structures,</li> <li>• Slight damage to some houses of very light materials or makeshift structures in exposed communities. Some banana plants are tilted, a few downed and leaves are generally damaged,</li> <li>• Twigs of small trees may be broken,</li> <li>• Rice crops, however, may suffer significant damage when it is in its flowering stage.</li> </ul>
<b>Wave Height: (Open Sea) 1.25-4.0 meters</b>				
<p><b>The Public and the disaster risk reduction and management council concerned are advised to take appropriate actions and watch for the next weather bulletin to be issued at 11 PM today</b></p>				



**ACTIONS TAKEN:**

- NDRRM Operations Center disseminated Severe Weather Bulletin No. **09** 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
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