



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. 10 re
 Tropical Storm "ISANG" (HATO)**

Releasing Officer:

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

DATE: 21 August 2017, 11:00 PM

Source: DOST-PAGASA

I. SITUATION OVERVIEW:

Tropical Storm "ISANG" has maintained its strength as it moves closer towards Batanes Group of Islands.

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

"ISANG" is expected to be in the vicinity of Batanes this midnight.

This weather system will continue to enhance the Southwest Monsoon that will bring light up to heavy rains over Visayas and the rest of Luzon particularly over the western section and Cordillera Administrative Region (CAR). Resident of these areas as well as of areas with TCWS are alerted against possible landslides and flashfloods.

Location of eye/center	At 10:00 PM today, the center of Tropical Storm "ISANG" was estimated based on all available data at 80 km East of Basco, Batanes (20.4 °N, 122.7 °E)
Strength	Maximum sustained winds up to 80 kph near the center and gustiness of up to 97 kph .
Forecast Movement	Forecast to move West Northwest at 17 kph
Forecast Positions	<ul style="list-style-type: none"> 24 Hour (Tomorrow evening) : 475 km West Northwest of Calayan, Cagayan (OUTSIDE PAR)(21.3°N, 117.5°E) 48 Hour (Wednesday evening) : 1,090 km West Northwest of Laoag City, Ilocos Norte (OUTSIDE PAR) (23.0°N, 111.5°E) 72 Hour (Thursday evening) : 1,780 km West Northwest of Laoag City, Ilocos Norte (OUTSIDE PAR) (26.0°N, 105.5°E)

TROPICAL CYCLONE WARNING SIGNAL

TCWS	Luzon	Visayas	Mindanao	Impacts of the wind
#2 (61-120kph)	Batanes group of			<ul style="list-style-type: none"> Light to moderate damage to high risk structures; Very light to light damage to medium risk structures No damage to very light

expected in 24 hrs)	Islands			<p>damage to low risk structures</p> <ul style="list-style-type: none"> • Unshielded, old dilapidated schoolhouses, makeshift shanties, and other structures of light materials are partially damaged or unroofed. • A number of nipa and cogon houses may be partially damaged or totally unroofed. • Some old galvanized iron (G.I.) roofs may be peeled or blown off. • Some wooden, old electric posts are tilted or downed. • Some damage to poorly constructed signs/billboards • 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. • Some coconut trees may be tilted with few others broken. • Rice and corn may be adversely affected. • Considerable damage to shrubbery and trees with some heavy-foliaged trees blown down.
Wave Height: (Open Sea) 4.1-14.0 meters Storm surge possible at coastal areas				
#1 (30-60kph expected in 36 hrs)	Northern Cagayan including Babuyan Group of Islands, Apayao and Ilocos Norte			<ul style="list-style-type: none"> • Very light or no damage to low risk structures, • Light damage to medium to high risk structures, • 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, • Twigs of small trees may be broken, • Rice crops, however, may suffer significant damage when it is in its flowering stage.
Wave Height: (Open Sea) 1.25-4.0 meters				
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 2:00 AM tomorrow				

ACTIONS TAKEN:

- NDRRM Operations Center disseminated Severe Weather Bulletin No. **10** 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
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