Republic of the Philippines Department of Science and Technology Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) Weather Division

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Weather Division ISO: 9001:2008 Registry No. 01 100 1534769

SEVERE WEATHER BULLETIN #13

FOR: SEVERE TROPICAL STORM "ISANG" (HATO)
TROPICAL CYCLONE: WARNING

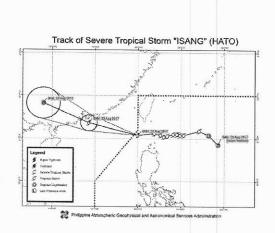
ISSUED AT 11:00 AM, 22 August 2017

(Valid for broadcast until the next bulletin to be issued at 5 PM today)

"ISANG" HAS INTENSIFIED INTO A SEVERE TROPICAL STORM AS IT CONTINUES TO MOVE IN A WESTWARD DIRECTION.

- Estimated rainfall amount is from moderate to occasionally heavy rains within the 400 km diameter of the Severe Tropical Storm.
- 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 # 1 are alerted against possible landslides and flashfloods.

Location of eye/center	At 10:00 AM today, the center of Severe Tropical Storm "ISANG" was estimated based on all available data at 220 km West of Basco, Batanes(20.2°N, 119.9°E).				
Strength	Maximum sustained winds of up to 90 kph near the center and gustiness of up to 113 kph.				
Forecast Movement	Forecast to move West at 23 kph.				
Forecast Positions	 24 Hour(Tomorrow morning): 770 km West Northwest of Laoag City, Ilocos Norte (OUTSIDE PAR)(21.8°N, 114.3°E) 48 Hour(Thursday morning):1,370 km West Northwest of Laoag City, Ilocos Norte (OUTSIDE PAR)(24.1°N, 109.0°E) 				



TROPICAL CYCLONE WARNING SIGNAL

TCWS	Luzon	Visayas	Mindanao	Impacts of the wind	
(30-60 kph Expected in 36 hours)	Batanes Group of Islands, Babuyan Group of Islands and Ilocos Norte,			 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				

Tropical Cyclone Warning Signals elsewhere are now lowered and lifted.

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 5 PM today.

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"Tracking the sky... helping the country"

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