




NDRRMC UPDATE

Severe Weather Bulletin No. 18 re Typhoon "KAREN"

Releasing Officer:

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

DATE : 16 October 2016, 8:00AM

Source: PAGASA-DOST

I. SITUATION OVERVIEW

Typhoon "KAREN" has **weakened while crossing the rugged terrain of central Luzon.**

- Estimated rainfall amount is from moderate to heavy within the **400 km** diameter of the typhoon.
- Possible occurrence of storm surges along the coastal communities of areas with TCWS #3 and #2 and flashfloods and landslides over all areas with TCWSs.
- **Expected to exit the landmass of the country via Pangasinan this morning.**
- Fisherfolks and those with small seacrafts are advised not to venture out over the northern seaboard of Northern Luzon and over eastern and southern seaboards of Southern Luzon.
- **Meanwhile at 7 AM today, the Tropical Storm with international name "HAIMA" was estimated at 1,490km East of Mindanao (10.0 °N, 139.8°E). It is expected to enter the eastern boundary of the PAR by Monday.**
- **TCWS elsewhere are now lifted.**

Location of Eye/Center (as of 7:00 AM)	Vicinity of Binalonan, Pangasinan (16.1°N, 115.7°E)
Strength	Maximum sustained winds of up to 130 kph near the center and gustiness of up to 220 kph
Forecast Movement	Forecast to move West Northwest at 22 kph
Forecast Positions	<ul style="list-style-type: none"> ▪ 24 Hour (Tomorrow morning): 500 km West of Dagupan City, Pangasinan (16.7°N, 115.7°E) (OUTSIDE PAR) ▪ 48 Hour (Tuesday morning): 1,030 km West of Sinit, Ilocos Sur (17.5°N, 110.7°E) (OUTSIDE PAR) ▪ 72 Hour (Wednesday morning): 1,530 km West of Sinit, Ilocos Sur (18.6°N, 106.8°E) (OUTSIDE PAR) ▪ 96 Hour (Thursday morning): 1,955 km West of Sinit, Ilocos Sur (20.0°N, 102.9°E) (OUTSIDE PAR)
TROPICAL CYCLONE WARNING SIGNAL	

TCWS	Luzon	Visayas	Mindanao	Impacts of the Wind
<p style="text-align: center;">3</p> <p style="text-align: center;">(121-170 kph Expected in 18 hours)</p>	<p style="text-align: center;">Pangasinan, Northern Zambales, Tarlac, La Union and Benguet</p>			<ul style="list-style-type: none"> • Heavy damage to high-risk structures; • Moderate damage to medium-risk structures; • Light damage to low-risk structures • Increasing damage (up to more than 50%) to old, dilapidated residential structures and houses of light materials. Majority of all nipa and cogon houses may be unroofed or destroyed • Houses of medium strength materials (old, timber or mixed timber-CHB structures, usually with G.I. roofing's); some warehouses or bodega-type structures are unroofed • There may be widespread disruption of electrical power and communication services • Almost all banana plants are downed • Some big trees (acacia, mango, etc.) are broken or uprooted • Dwarf-type or hybrid coconut trees are tilted or downed • Rice and corn crops may suffer heavy losses • Damage to shrubbery and trees with foliage blown off; some large trees blown down
	<p>Wave Height (Open Sea) > 14.0 meters Storm Surge possible at coastal areas</p>			
<p style="text-align: center;">2</p> <p style="text-align: center;">(61-120 kph Expected in 24 hours)</p>	<p style="text-align: center;">Nueva Ecija, Aurora, Nueva Vizcaya, Quirino, Ilocos Sur, Mt. Province, Ifugao, Rest of Zambales, Pampanga and Bataan</p>			<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 damage to low risk structures • 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 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 (30-60 kph Expected in 36 hours)	Southern Isabela, Bulacan, Rizal, Metro Manila, Northern Quezon including Polilio Island, Ilocos Norte, Abra, Kalinga, Southern Apayao, Cavite, Batangas, Laguna			<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 tree 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 councils (DRRMCs) concerned are advised to take appropriate actions and watch for the next weather bulletin to be issued at **11:00 AM today**

II. ACTIONS TAKEN

- NDRRM Operations Center disseminated **Severe Weather Bulletin No. 18 for Typhoon "KAREN"** to all OCD Regional Offices through SMS and facsimile and uploaded on 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.