



## **NDRRMC UPDATE**

### **Severe Weather Bulletin No. 15 re Typhoon "KAREN"**

**Releasing Officer:**

  
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Source: PAGASA-DOST

#### **I. SITUATION OVERVIEW**

**"KAREN" has intensified further as it continues to move closer threatening the province of Aurora.**

- Estimated rainfall amount is from moderate to heavy within the 500 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 make landfall over the province of Aurora tomorrow early morning and exit the landmass of the country via Pangasinan by tomorrow afternoon.**
- Fisherfolks and those with small seacrafts are advised not to venture out over the Northern seaboard of Northern Luzon and over the Northern and Eastern seabords of Samar.
- **Meanwhile, the Tropical Storm with international name "HAIMA" was estimated at 1,700 km East of Mindanao. It is expected to enter the eastern boundary of the PAR by Monday.**

<b>Location of Eye/Center (as of 10:00 PM)</b>	<b>120 km East Northeast of Infanta, Quezon (15.3°N, 122.6°E)</b>
<b>Strength</b>	Maximum sustained winds of up to <b>150 kph</b> near the center and gustiness of up to <b>210 kph</b>
<b>Forecast Movement</b>	Forecast to move West Northwest at <b>22 kph</b>

Forecast Positions	<ul style="list-style-type: none"><li>▪ 24 Hour (Tomorrow evening): 275 km West Northwest of Iba, Zambales (16.6°N, 117.8°E)</li><li>▪ 48 Hour (Monday evening): 840 km West of Sinait, Ilocos Sur (18.0°N, 112.5°E) (OUTSIDE PAR)</li><li>▪ 72 Hour (Tuesday evening): 1,345 km West of Sinait, Ilocos Sur (19.1°N, 107.8°E) (OUTSIDE PAR)</li><li>▪ 96 Hour (Wednesday evening): 1,845 km West Northwest of Sinait, Ilocos Sur (20.2°N, 103.1°E) (OUTSIDE PAR)</li></ul>			
TROPICAL CYCLONE WARNING SIGNAL				
TCWS	Luzon	Visayas	Mindanao	Impacts of the Wind
3  (121-170 kph Expected in 18 hours)	Pangasinan, Northern Zambales, Tarlac, Nueva Ecija, Aurora, Northern Quezon including Polilio Island, La Union, Benguet, Nueva Vizcaya and Quirino			<ul style="list-style-type: none"><li>• Heavy damage to high-risk structures;</li><li>• Moderate damage to medium- risk structures;</li><li>• Light damage to low-risk structures</li><li>• 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</li><li>• 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</li><li>• There may be widespread disruption of electrical power and communication services</li><li>• Almost all banana plants are downed</li><li>• Some big trees (acacia, mango, etc.) are broken or uprooted</li><li>• Dwarf-type or hybrid coconut trees are tilted or downed</li><li>• Rice and corn crops may suffer heavy losses</li><li>• Damage to shrubbery and trees with foliage blown off; some large trees blown down</li></ul>
				Wave Height (Open Sea) > 14.0 meters    Storm Surge possible at coastal areas
2  (61-120 kph Expected in 24 hours)	Ilocos Sur, Southern Isabela, Mt. Province, Ifugao, Rest of Zambales, Pampanga, Bulacan, Bataan, Rizal, Metro Manila, Rest of			<ul style="list-style-type: none"><li>• Light to moderate damage to high risk structures</li><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 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></ul>



	Quezon and Camarines Norte			<ul style="list-style-type: none"> <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) 4.1-14.0 meters Storm Surge possible at coastal areas			
1  (30-60 kph Expected in 36 hours)	Ilocos Norte, Abra, Kalinga, Rest of Isabela, Southern Apayao, Southern Cagayan, Oriental Mindoro, Cavite, Batangas, Laguna, Marinduque, Camarines Sur, Catanduanes, Albay and Burias Island			<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 tree may be broken</li> <li>Rice crops, however, may suffer significant damage when it is in its flowering stage</li> </ul>
	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 **2:00 AM** tomorrow.

## II. ACTIONS TAKEN

- NDRRM Operations Center disseminated **Severe Weather Bulletin No. 15 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.