



## **NDRRMC UPDATE**

### **Severe Weather Bulletin No. 14 re Typhoon "KAREN"**

Releasing Officer:

  
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Source: PAGASA-DOST

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

**"KAREN" has further intensified as it continues to threaten 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 pass close to Polilio Islands tonight and make landfall over the province of Aurora province tomorrow early morning.**
- 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 seaboards of Samar.
- TCWS elsewhere are now lowered.

<b>Location of Eye/Center (as of 7:00 PM)</b>	<b>155 km East Northeast of Infanta, Quezon (15.1°N, 123.0°E)</b>
<b>Strength</b>	Maximum sustained winds of up to <b>140 kph</b> near the center and gustiness of up to <b>195 kph</b>
<b>Forecast Movement</b>	Forecast to move West Northwest at <b>22 kph</b>
<b>Forecast Positions</b>	<ul style="list-style-type: none"><li>▪ <b>24 Hour (Tomorrow afternoon): 230 km Northwest of Iba, Zambales</b></li><li>▪ <b>48 Hour (Monday afternoon): 785 km West of Sinait, Ilocos Sur (OUTSIDE PAR)</b></li><li>▪ <b>72 Hour (Tuesday afternoon): ,1,280 km West of Sinait, Ilocos Sur (OUTSIDE PAR)</b></li><li>▪ <b>96 Hour (Wednesday afternoon): 1,770 km West Northwest of Sinait, Ilocos Sur (OUTSIDE PAR)</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>
<b>3</b> <b>(121-170 kph</b> <b>Expected in 18</b> <b>hours)</b>	<b>Pangasinan,</b> <b>Northern</b> <b>Zambales,</b> <b>Tarlac, Nueva</b> <b>Ecija, Aurora,</b> <b>Northern</b> <b>Quezon</b> <b>including</b> <b>Polilio Island,</b> <b>La Union,</b> <b>Benguet,</b> <b>Nueva</b> <b>Vizcaya and</b> <b>Quirino</b>			<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>
				<b>Wave Height (Open Sea) &gt; 14.0 meters    Storm Surge possible at coastal areas</b>
<b>2</b> <b>(61-120 kph</b> <b>Expected in 24</b> <b>hours)</b>	<b>Ilocos Sur,</b> <b>Southern</b> <b>Isabela, Mt.</b> <b>Province,</b> <b>Ifugao, Rest</b> <b>of Zambales,</b> <b>Pampanga,</b> <b>Bulacan,</b> <b>Bataan, Rizal,</b> <b>Metro Manila,</b> <b>Rest of</b> <b>Quezon and</b> <b>Camarines</b> <b>Norte</b>			<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> <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</li> </ul>



				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)	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 house 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 **11:00 PM** today.

## II. ACTIONS TAKEN

- NDRRM Operations Center disseminated **Severe Weather Bulletin No. 14 for Typhoon "KAREN"** to all OCD Regional Offices through SMS and facsimile and uploaded on the NDRRM 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.