



## **NDRRMC UPDATE**

### **Severe Weather Bulletin No. 11 re Typhoon "KAREN"**

**Releasing Officer:**

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

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Source: PAGASA-DOST

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

**"KAREN" has passed North of Catanduanes and is now moving towards Aurora-Quezon Area.**

- 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 Quezon-Aurora area tomorrow early morning.**
- **Fisherfolks and those with small seacrafts are advised not to venture out over the seaboard of Eastern Samar.**

<b>Location of Eye/Center (as of 10:00 AM)</b>	<b>95 km of North Northeast of Virac, Catanduanes (14.4°N, 124.4°E)</b>
<b>Strength</b>	Maximum sustained winds of up to 130 kph near the center and gustiness of up to 180 kph
<b>Forecast Movement</b>	Forecast to move West Northwest at <b>17 kph</b>
<b>Forecast Positions</b>	<ul style="list-style-type: none"><li>▪ <b>24 Hour (Tomorrow morning): Vicinity of Cabanatuan</b></li><li>▪ <b>48 Hour (Monday morning): 455 km West Northwest of Iba, Zambales (OUTSIDE PAR)</b></li><li>▪ <b>72 Hour (Tuesday morning): 785 km North Northwest of Pagasa Island, Palawan (OUTSIDE PAR)</b></li><li>▪ <b>96 Hour (Wednesday morning): 1,155 km North Northwest of Pagasa Island, Palawan (OUTSIDE PAR)</b></li></ul>

TROPICAL CYCLONE WARNING SIGNAL				
TCWS	Luzon	Visayas	Mindanao	Impacts of the Wind
<b>3</b>  <b>(121-170 kph</b> <b>Expected in 18</b> <b>hours)</b>	<b>Catanduanes,</b> <b>Camarines</b> <b>Norte,</b> <b>Northern</b> <b>Quezon</b> <b>including</b> <b>Polilio Island</b> <b>and Aurora</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>Rest of</b> <b>Quezon,</b> <b>Camarines</b> <b>Sur, Albay,</b> <b>Rizal,</b> <b>Bulacan,</b> <b>Nueva Ecija,</b> <b>Quirino,</b> <b>Zamabales,</b> <b>Tarlac,</b> <b>Pangasinan,</b> <b>Nueva</b> <b>Viscaya, La</b> <b>Union and</b> <b>Benguet</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)	Sorsogon, Masbate including Ticao and Burias Island, Isabela, Romblon, Marinduque, Oriental Mindoro, Batangas, Laguna, Cavite, Metro Manila, Pampanga, Bataan, Bataan, Abra, Kalinga, Mt. Province and Ifugao	Northern Samar		<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 **2:00 PM** today.

## II. ACTIONS TAKEN

- NDRRM Operations Center disseminated **Severe Weather Bulletin No. 11 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.