



## NDRRMC UPDATE

### Severe Weather Bulletin No. **14** re Typhoon "NINA" (NOCK-TEN)

**Releasing Officer:**

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 Administrator, OCD

**DATE: 25 December 2016, 2:00 PM**

Source: PAGASA-DOST

#### I. SITUATION OVERVIEW

**NINA has maintained its strength and continues to pose a serious threat to Bicol Region.**

- Estimated rainfall amount is from moderate to heavy within its 500 km diameter of the typhoon.
- It is expected to make landfall over Catanduanes **this evening (Dec. 25) and will cross Albay, Camarines Sur, Camarines Norte, Southern Quezon, Laguna, Batangas, and Cavite.**
- Sea travel is risky over the seaboards of Luzon.
- Storm surge height of up to 2.5 meters is possible over the coastal areas of Albay, **Sorsogon, Camarines Sur, Camarines Norte, and Catanduanes.**

<b>Location of Eye/Center</b>	At <b>1:00 PM today</b> , the eye of Typhoon "NINA" was located based on all available data including Guiuan and Virac Doppler radar at <b>110 km East of Virac, Catanduanes (13.4°N, 125.2°E)</b>
<b>Strength</b>	Maximum sustained winds of up to 185 kph near the center and gustiness of up to 225 kph
<b>Forecast Movement</b>	Forecast to move West at 15 kph
<b>Forecast Positions</b>	<ul style="list-style-type: none"> <li>• <b>24 Hour (Tomorrow morning): in the vicinity of Gumaca, Quezon (13.9°N, 122.1°E)</b></li> <li>• <b>48 Hour (Tuesday morning): 235 km West Southwest of Iba, Zambales (14.5°N, 118.0°E)</b></li> <li>• <b>72 Hour (Wednesday morning): 325 km North of Pagasa Island, Palawan (OUTSIDE PAR) (13.9°N, 114.0°E)</b></li> <li>• <b>96 Hour (Thursday morning): 340 km West of Pagasa Island, Palawan (OUTSIDE PAR) (11.0°N, 111.0°E)</b></li> </ul>

#### TROPICAL CYCLONE WARNING SIGNAL

TCWS	Luzon	Visayas	Mindanao	Impacts of the Wind
				<ul style="list-style-type: none"> <li>• Very heavy damage to high-risk structures</li> <li>• Heavy damage to medium risk structures</li> <li>• Moderate damage to low-risk structures</li> <li>• Considerable damage to structures of light materials (up to 75% are totally and partially destroyed); complete roof structure failures</li> <li>• Many houses of light materials. Majority of</li> </ul>



<p><b>4</b> <b>(171-220</b> <b>kph</b> <b>Expected in</b> <b>12 hours)</b></p>	<p><b>Catanduanes</b> <b>and</b> <b>Camarines</b> <b>Sur</b></p>		<p>medium-built materials are unroofed, some with collapsed walls; extensive damage to doors and windows</p> <ul style="list-style-type: none"> <li>• A few houses of first-class materials are partially damaged</li> <li>• All signs/billboards are blown down. There is almost total damage to banana plantation</li> <li>• Most mango trees, ipil ipil, and similar types of large trees are downed or broken</li> <li>• Coconut plantation may suffer extensive damage</li> <li>• Rice and corn plantation may suffer severe losses</li> </ul>
<p>Wave Height: (Open Sea) more than 14.0 meters    Storm surge 2-3 meters possible at coastal areas</p>			
<p><b>3</b> <b>(121-170</b> <b>kph</b> <b>Expected in</b> <b>18 hours)</b></p>	<p><b>Burias Island,</b> <b>Camarines</b> <b>Norte,</b> <b>Southern</b> <b>Quezon,</b> <b>Sorsogon,</b> <b>and</b> <b>Marinduque</b></p>		<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 unrooted 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 unrooted</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>
<p>Wave Height: (Open Sea) 14.0 meters    Storm surge possible at coastal areas</p>			

<p style="text-align: center;"><b>2</b> <b>(61-120 kph Expected in 24 hours)</b></p>	<p style="text-align: center;"><b>Metro Manila, Masbate including Ticao Island, Oriental Mindoro, Batangas, Laguna, Rest of Quezon including Polilio, Romblon, Cavite, Rizal, Bulacan</b></p>	<p style="text-align: center;"><b>Northern Samar</b></p>	<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 trees blown down.</li> </ul>
<p>Wave Height: (Open Sea) 4.1 – 14.0 meters      Storm surge possible at coastal areas</p>			
<p style="text-align: center;"><b>1</b> <b>(30-60 kph Expected in 36 hours)</b></p>	<p style="text-align: center;"><b>Pangasinan, Nueva Ecija, Aurora, Quirino, Nueva Vizcaya, Zambales, Pampanga, Tarlac, Occidental Mindoro including Lubang Island, Calamian Group of Islands and Bataan</b></p>	<p style="text-align: center;"><b>Aklan, Capiz, Samar, Eastern Samar, Biliran, Leyte and Bantayan Island</b></p>	<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 trees may be broken.</li> <li>• Rice crops, however, may suffer significant damage when it is in its flowering stage.</li> </ul>
<p>Wave Height: (Open Sea) 1.25 – 4.0 meters</p>			
<p>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 <b>5:00 PM</b> today.</p>			



## ACTIONS TAKEN

- NDRRM Operations Center disseminated **Severe Weather Bulletin No. 14 for Typhoon “NINA”** 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.
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