



## NDRRMC UPDATE

### Severe Weather Bulletin No. 21 re Typhoon "NINA" (NOCK-TEN)

Releasing Officer:

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 Administrator, OCD

**DATE: 26 December 2016, 11:00 AM**

Source: PAGASA-DOST

#### I. SITUATION OVERVIEW

"NINA" has slightly weakened after making landfall over Tingloy, Batangas.

- Estimated rainfall amount is from moderate to heavy within the 400 km diameter of the typhoon
- **Tropical Cyclone warning Signal elsewhere are now lifted**
- **Possible exit in the Philippine Area of responsibility (PAR) on December 28 (Wednesday) morning**
- Sea travel is risky over the seaboards of **Northern Luzon**

<b>Location of Eye/Center</b>	At <b>10:00 AM today</b> , the eye of Typhoon "NINA" was located based on all available data in the vicinity of <b>Tingloy, Batangas (13.6 °N, 121.0°E)</b>
<b>Strength</b>	Maximum sustained winds of up to <b>130 kph</b> near the center and gustiness of up to <b>215 kph</b>
<b>Forecast Movement</b>	Forecast to move <b>West Northwest</b> at <b>20 kph</b>
<b>Forecast Positions</b>	<ul style="list-style-type: none"> <li>• <b>24 Hour (Tomorrow morning): 295 km West Southwest of Iba, Zambales (14.8 °N, 117.3°E)</b></li> <li>• <b>48 Hour (Wednesday morning): 270 km North of Pagasa Island, Palawan (OUTSIDE PAR) (13.4°N, 114.2°E)</b></li> <li>• <b>72 Hour (Thursday morning): 290 km West of Pagasa Island, Palawan (OUTSIDE PAR) (10.5°N, 111.5 °E)</b></li> </ul>

TROPICAL CYCLONE WARNING SIGNAL				
TCWS	Luzon	Visayas	Mindanao	Impacts of the Wind
<p><b>3</b> (121-170 kph Expected in 18 hours)</p>	<p><b>Batangas, Northern portions of Oriental Mindoro and Occidental Mindoro including Lubang Islands</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>
Wave Height: (Open Sea) 14.0 meters Storm surge possible at coastal areas				

<p>(61-120 kph Expected in 24 hours)</p>	<p><b>Metro Manila, Rizal, Southern Quezon Marinduque, Cavite, Laguna and the rest of Mindoro provinces</b></p>			<ul style="list-style-type: none"> <li>• Light to moderate damage to high 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> <li>•</li> </ul>
<p>Wave Height: (Open Sea) 4.1 – 14.0 meters Storm surge possible at coastal areas</p>				
<p>1 (30-60 kph Expected in 36 hours)</p>	<p><b>Rest of Quezon including Polilio Islands, Bulacan, Pampanga, Southern Zambales, Romblon, Camarines Norte, Bataan and Calamian Group of Islands</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 Councils (DRRMCs) concerned are advised to take appropriate actions and watch for the next weather bulletin to be issued at <b>2:00 PM today</b>.</p>				

- NDRRM Operations Center disseminated **Severe Weather Bulletin No. 20 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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