



## NDRRMC UPDATE

### Severe Weather Bulletin No. 17 re Typhoon "NINA" (NOCK-TEN)

Releasing Officer:

  
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**DATE: 25 December 2016, 11:00 PM**

Source: PAGASA-DOST

#### I. SITUATION OVERVIEW

**NINA has made its second landfall over Sagñay, Camarines Sur.**

- Estimated rainfall amount is from moderate to heavy within the **400 km** diameter of the typhoon
- It is expected to traverse the Provinces of Camarines Sur, Camarines Norte, Southern Quezon, Laguna, Batangas, and Cavite
- Sea travel is risky over the seaboard of Luzon
- Storm surge height of up to 2.5 meters is possible over the coastal areas of Albay, Camarines Sur, Camarines Norte, and **Southern Quezon**
- **Tropical cyclone warning signals elsewhere are now lifted**

<b>Location of Eye/Center</b>	At <b>10:00 PM today</b> , the eye of Typhoon "NINA" was located based on all available data <b>at the border of Sagñay-Buhi, Camarines Sur (13.5°N, 123.5°E)</b>
<b>Strength</b>	Maximum sustained winds of up to <b>175 kph</b> near the center and gustiness of up to <b>290 kph</b>
<b>Forecast Movement</b>	Forecast to move <b>West</b> at <b>20 kph</b>
<b>Forecast Positions</b>	<ul style="list-style-type: none"> <li>• <b>24 Hour (Tomorrow evening): 150 km West Southwest of Sangley Pt, Cavite (14.2°N, 119.6°E)</b></li> <li>• <b>48 Hour (Tuesday evening): 480 km West of Subic, Olangapo (14.4°N, 115.9°E)</b></li> <li>• <b>72 Hour (Wednesday evening): 190 km Northwest of Pagasa Island, Palawan (OUTSIDE PAR) (12.2°N, 112.9°E)</b></li> <li>• <b>96 Hour (Thursday evening): 475 km West Southwest of Pagasa Island, Palawan (OUTSIDE PAR) (9.0°N, 110.3°E)</b></li> </ul>

#### TROPICAL CYCLONE WARNING SIGNAL

TCWS	Luzon	Visayas	Mindana o	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> </ul>

<p style="text-align: center;"><b>4</b> <b>(171-220 kph</b> <b>Expected in</b> <b>12 hours)</b></p>	<p style="text-align: center;"><b>Camarines Norte,</b> <b>Camarines Sur, and</b> <b>Southern Quezon</b></p>			<ul style="list-style-type: none"> <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 medium-built materials are unroofed, some with collapsed walls; extensive damage to doors and windows</li> <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>
		Wave Height: (Open Sea) more than 14.0 meters		Storm surge 2-3 meters possible at coastal areas
<p style="text-align: center;"><b>3</b> <b>(121-170 kph</b> <b>Expected in</b> <b>18 hours)</b></p>	<p style="text-align: center;"><b>Catanduanes,</b> <b>Laguna,</b> <b>Batangas,</b> <b>Marinduque,</b> <b>Albay, and</b> <b>the rest of Quezon</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 style="text-align: center;"><b>2</b> <b>(61-120 kph</b> <b>Expected in</b> <b>24 hours)</b></p>	<p style="text-align: center;"><b>Metro Manila,</b> <b>Bulacan,</b> <b>Rizal, Cavite,</b> <b>Oriental</b> <b>Mindoro,</b> <b>Polilio</b> <b>Islands,</b> <b>Sorsogon,</b> <b>Lubang</b> <b>Island, and</b> <b>Burias Island</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>
Wave Height: (Open Sea) 4.1 – 14.0 meters Storm surge possible at coastal areas				
<p style="text-align: center;"><b>1</b> <b>(30-60 kph</b> <b>Expected in</b> <b>36 hours)</b></p>	<p style="text-align: center;"><b>Pangasinan,</b> <b>Nueva Ecija,</b> <b>Aurora,</b> <b>Quirino,</b> <b>Nueva</b> <b>Vizcaya,</b> <b>Zambales,</b> <b>Pampanga,</b> <b>Tarlac,</b> <b>Bataan,</b> <b>Occidental</b> <b>Mindoro,</b> <b>Romblon, and</b> <b>Masbate,</b> <b>including</b> <b>Ticao Island</b></p>	<p><b>Northern</b> <b>Samar</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>
Wave Height: (Open Sea) 1.25 – 4.0 meters				
<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 AM tomorrow</b>.</p>				

## II. ACTIONS TAKEN

- NDRRM Operations Center disseminated **Severe Weather Bulletin No. 17 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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