




REPUBLIC OF THE PHILIPPINES
NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL

National Disaster Risk Reduction and Management Center, Camp Aguinaldo, Quezon City, Philippines

NDRRMC UPDATE

**Severe Weather Bulletin No. 18 re
 Typhoon "NINA" (NOCK-TEN)**

Releasing Officer:


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DATE: 26 December 2016, 02:00 AM

Source: PAGASA-DOST

I. SITUATION OVERVIEW

"NINA" is now traversing Ragay Gulf.

- Estimated rainfall amount is from moderate to heavy within the **400 km** diameter of the typhoon
- It is expected to traverse the provinces of southern Quezon, Laguna, Batangas, and Cavite
- Sea travel is risky over the seaboard of Luzon
- Storm surge height of up to **3.0** meters is possible over the coastal areas of Albay, Camarines Sur, Camarines Norte, and southern Quezon
- Tropical cyclone warning signals elsewhere are now lifted

Location of Eye/Center	At 1:00 AM today , the eye of Typhoon "NINA" was located based on all available data at 55 km West Southwest of Pili, Camarines Sur (13.4°N, 122.8°E)
Strength	Maximum sustained winds of up to 175 kph near the center and gustiness of up to 290 kph
Forecast Movement	Forecast to move West at 20 kph
Forecast Positions	<ul style="list-style-type: none"> • 24 Hour (Tonight): 165 km West Southwest of Subic, Olangapo (14.3°N, 118.9°E) • 48 Hour (Wednesday morning): 520 km West of Subic, Olangapo (14.4°N, 115.5°E) • 72 Hour (Thursday morning): 235 km West Northwest of Pagasa Island, Palawan (OUTSIDE PAR) (12.0°N, 112.2°E) • 96 Hour (Friday morning): 535 km Southwest of Pagasa Island, Palawan (OUTSIDE PAR) (8.0°N, 110.1°E)

TROPICAL CYCLONE WARNING SIGNAL

TCWS	Luzon	Visayas	Mindanao	Impacts of the Wind
4 (171-220 kph Expecte	Camarines Norte, Camarines			<ul style="list-style-type: none"> • Very heavy damage to high-risk structures • Heavy damage to medium risk structures • Moderate damage to low-risk structures • Considerable damage to structures of light

<p>d in 12 hours)</p>	<p>Sur, and southern Quezon</p>			<p>materials (up to 75% are totally and partially destroyed); complete roof structure failures</p> <ul style="list-style-type: none"> • Many houses of light materials. Majority of medium-built materials are unroofed, some with collapsed walls; extensive damage to doors and windows • A few houses of first-class materials are partially damaged • All signs/billboards are blown down. There is almost total damage to banana plantation • Most mango trees, ipil ipil, and similar types of large trees are downed or broken • Coconut plantation may suffer extensive damage • Rice and corn plantation may suffer severe losses
<p>Wave Height: (Open Sea) more than 14.0 meters Storm surge 2-3 meters possible at coastal areas</p>				
<p>3 (121-170 kph Expected in 18 hours)</p>	<p>Albay, Marinduque, Batangas, Lubang Island, Cavite, Laguna, and the rest of Quezon</p>			<ul style="list-style-type: none"> • Heavy damage to high-risk structures • Moderate damage to medium-risk structures • Light damage to low risk structures • 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 • 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 • There may be widespread disruption of electrical power and communication services • Almost all banana plants are downed • Some big trees (Acacia, mango, etc.) are broken or uprooted • Dwarf-type or hybrid coconut trees are tilted or downed • Rice and corn crops may suffer heavy losses • Damage to shrubbery and trees with foliage blown off, some large trees blown down
<p>Wave Height: (Open Sea) 14.0 meters Storm surge possible at coastal areas</p>				

<p style="text-align: center;">2 (61-120 kph Expected in 24 hours)</p>	<p style="text-align: center;">Metro Manila, Rizal, Bulacan, Bataan, Pampanga, southern Zambales, Polilio Islands, Oriental Mindoro, northern Occidental Mindoro, Burias Island, Sorsogon, and Catanduanes</p>			<ul style="list-style-type: none"> • Light to moderate damage to high risk structures; • Very light to light damage to medium-risk structures; • No damage to very light damage to low risk structures; • Unshielded, old dilapidated schoolhouses, makeshift shanties, and other structures of light materials are partially damaged or unroofed; • A number of nipa and cogon houses may be partially or totally unroofed; • Some old galvanized iron (G.I.) roofs may be peeled or blown off. • Some wooden, old electric posts are tilted or downed. • Some damage to poorly constructed signs/billboards • 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. • Some coconut trees may be tilted with few others broken • Rice and corn may be adversely affected • Considerable damage to shrubbery and trees with some heavy-foliaged trees blown down.
Wave Height: (Open Sea) 4.1 – 14.0 meters Storm surge possible at coastal areas				
<p style="text-align: center;">1 (30-60 kph Expected in 36 hours)</p>	<p style="text-align: center;">The rest of Occidental Mindoro, Romblon, Masbate including Ticao Island, northern Zambales, Tarlac, Nueva Ecija, southern Aurora and Pangasinan</p>			<ul style="list-style-type: none"> • Very light or no damage to low risk structures • Light damage to medium to high risk structures • 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. • Twigs of small trees may be broken. • Rice crops, however, may suffer significant damage when it is in its flowering stage.
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 5:00 AM today.</p>				

II. ACTIONS TAKEN

- NDRRM Operations Center disseminated **Severe Weather Bulletin No. 18 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