



NDRRMC UPDATE

Severe Weather Bulletin No. 16 re Typhoon "NINA" (NOCK-TEN)

Releasing Officer:



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DATE: 25 December 2016, 8:00 PM

Source: PAGASA-DOST

I. SITUATION OVERVIEW

NINA has made landfall over Bato, Catanduanes.

- Estimated rainfall amount is from moderate to heavy within its **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 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.

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| Location of Eye/Center | At 7:00 PM today , the eye of Typhoon "NINA" was located based on all available data at 20 km Southwest of Virac, Catanduanes (13.5°N, 124.1°E) |
| Strength | Maximum sustained winds of up to 185 kph near the center and gustiness of up to 255 kph |
| Forecast Movement | Forecast to move West at 15 kph |
| Forecast Positions | <ul style="list-style-type: none"> • 24 Hour (Tomorrow afternoon): in the vicinity of Batangas, Calabarzon (13.9°N, 121°E) • 48 Hour (Tuesday afternoon): 350 km West Southwest of Iba, Zambales (14.3°N, 116.9°E) • 72 Hour (Wednesday afternoon): 295 km North Northwest of Pagasa Island, Palawan (OUTSIDE PAR) (13.4°N, 113.0°E) • 96 Hour (Thursday afternoon): 500 km West Southwest of Pagasa Island, Palawan (OUTSIDE PAR) (9.1°N, 110.7°E) |

TROPICAL CYCLONE WARNING SIGNAL

| TCWS | Luzon | Visayas | Mindanao | Impacts of the Wind |
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| | | | | <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 materials (up to 75% are totally and partially destroyed); complete roof structure failures |

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| <p style="text-align: center;">4 (171-220 kph Expected in 12 hours)</p> | <p style="text-align: center;">Catanduanes and Camarines Sur</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 style="text-align: center;">3 (121-170 kph Expected in 18 hours)</p> | <p style="text-align: center;">Burias Island, Albay, Camarines Norte, Southern Quezon, Sorsogon, and Marinduque</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> | | | |

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| <p style="text-align: center;">2 (61-120 kph Expected in 24 hours)</p> | <p style="text-align: center;">Metro Manila, Masbate including Ticao Island, Oriental Mindoro, Batangas, Laguna, Rest of Quezon including Polilio, Occidental Mindoro including Lubang Island, Romblon, Cavite, Rizal, Bulacan, and Bataan</p> | <p style="text-align: center;">Northern Samar</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;">Pangasinan, Nueva Ecija, Aurora, Quirino, Nueva Vizcaya, Zambales, Pampanga, Tarlac, and Calamian Group of Islands</p> | <p style="text-align: center;">Northern portion of Samar and Northern portion of Eastern Samar</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 Council concerned are advised to take appropriate actions and watch for the next weather bulletin to be issued at 11:00 PM today.</p> | | | |

ACTIONS TAKEN

- NDRRM Operations Center disseminated **Severe Weather Bulletin No. 16 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.