



## NDRRMC UPDATE

### Severe Weather Bulletin No. 14 re Typhoon "FERDIE" (I.N. MERANTI)

Releasing Officer:

  
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**DATE : 14 September 2016, 2:00 AM**

Source: PAGASA-DOST

**I. SITUATION OVERVIEW:**

**TYPHOON "FERDIE" HAS MADE LANDFALL OVER ITBAYAT, BATANES.**

<ul style="list-style-type: none"> <li>Estimated rainfall amount is from moderate to heavy within the 600 km diameter of the Typhoon.</li> <li>The Typhoon is expected to exit the Philippine Area of Responsibility (PAR) between 10:00AM – 12:00PM today.</li> <li>Residents in Northern Luzon are advised to take precautionary measures against impacts of very strong winds and heavy rainfall.</li> </ul>	
<b>Location of Center:</b> (as of 1:00 AM)	<b>Based on all available data including Aparri Doppler radar in the vicinity of Itbayat, Batanes (20.7° N, 121.8°E)</b>
<b>Strength:</b>	Maximum sustained winds of up to <b>220 kph</b> near the center and gustiness of up to <b>255 kph</b>
<b>Movement:</b>	Forecast to move West Northwest at <b>24 kph</b>
<b>Forecast Positions/Outlook:</b>	<b>24 Hour (Tomorrow morning):</b> 460 km West Northwest of Itbayat, Batanes (OUTSIDE PAR)  <b>48 Hour (Friday morning):</b> 880 km Northwest of Itbayat, Batanes (OUTSIDE PAR)  <b>72 Hour (Saturday morning):</b> 1,060 km North Northwest of Itbayat, Batanes (OUTSIDE PAR)

**TROPICAL CYCLONE WARNING SIGNAL**

TCWS	Luzon	Visayas	Mindanao	Impacts of the wind
<b>4</b> (171-220 kph Expected in 24 hours)	Batanes Group of Islands			<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>

			<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 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>
<p><b>Wave Height: (Open Sea) more than 14.0 meters. Storm surge of up to 3 meters is possible at coastal prone areas</b></p>			
<p><b>3</b> <b>(121-170 kph</b> <b>Expected in</b> <b>18 hours)</b></p>	<p><b>Babuyan Group of 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 unroofed 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 unroofed</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><b>Wave Height: (Open Sea) more than 14.0 meters. Storm surge of up to 2.0 meters is possible at coastal prone areas.</b></p>			
<p><b>2</b> <b>(61-120kph</b> <b>Expected in</b> <b>24 hours)</b></p>	<p><b>Ilocos Norte, Apayao and Northern Cagayan</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</li> </ul>

				<ul style="list-style-type: none"> <li>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 of up to 1.0 meter is possible at coastal prone areas				
1 (30-60kph Expected in 36 hours)	Rest of Cagayan, Northern Isabela, Kalinga, Abra, and Northern Ilocos Sur			<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				

- 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 **5:00 AM today**.

## II. ACTION/S TAKEN

- NDRRM Operations Center disseminated Severe Weather Bulletin No. 14 re Typhoon "FERDIE" (I.N. MERANTI)** to all OCD Regional Centers through SMS and facsimile and uploaded on the NDRRMC website for further dissemination to their respective local disaster risk reduction and management councils (LDRRMCs) from the provincial down to the municipal levels
- Directed RDRRMCs concerned through the OCD Regional Centers 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 and mountainous areas if situation warrants.