



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. 16 re Typhoon "LAWIN" (I.N. HAIMA)

Releasing Officer:

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DATE : 20 October 2016; 8:00 AM

Source: PAGASA-DOST

I. SITUATION OVERVIEW

"LAWIN" has slightly weakened while traversing Apayao province.

- Estimated rainfall amount is from moderate to heavy within 700 km of the typhoon.
- Possible to exit PAR tonight.
- Sea travel is risky over the seaboard of Southern Luzon and the northern and eastern seaboard of Samar.

Location of Eye/Center	At 7:00 AM today, the eye of Typhoon "LAWIN" was located based on all available data at 40 km Northwest of Laoag City, Ilocos Norte (18.4°N, 120.3°E)
Strength	Maximum sustained winds of up to 185 kph near the center and gustiness of up to 230 kph
Forecast Movement	Forecast to move West Northwest at 22 kph
Forecast Positions	<ul style="list-style-type: none"> • 24 Hour (Tomorrow morning): 605 km West of Basco, Batanes (OUTSIDE PAR) (21.0°N, 116.2°E) • 48 Hour (Saturday morning): 910 km Northwest of Basco, Batanes (OUTSIDE PAR) (25.4°N, 114.9°E) • 72 Hour (Sunday morning): 950 km North Northwest of Basco, Batanes (OUTSIDE PAR) (28.5°N, 118.9°E) • 96 Hour (Monday morning): 1,110 km North Northeast of Basco, Batanes (OUTSIDE PAR) (29.8°N, 125.8°E)

TROPICAL CYCLONE WARNING SIGNAL

TCWS	Luzon	Visayas	Mindanao	Impacts of the wind
3	Ilocos Norte,			• Heavy damage to high-risk structures;

<p>(121-170 kph Expected in 18 hours)</p>	<p>Cagayan, Isabela, Apayao, Kalinga, Mt. Province, Ifugao, Abra, Ilocos Sur and Calayan Group of Islands</p>			<ul style="list-style-type: none"> • 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 unroofed 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 unroofed. • 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>2 (61-120 kph Expected in 24 hours)</p>	<p>Batanes Group of Islands, La Union, Benguet, Nueva Vizcaya, Quirino, Pangasinan, Aurora, Tarlac, Nueva Ecija and Northern Zambales</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

				<p>(G.I.) roofs may be peeled or blown off.</p> <ul style="list-style-type: none"> •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.
	<p>• Wave Height: (Open Sea) 4.1-14.0 meters at coastal areas</p>			<p>Storm surge possible</p>
<p>1 (30-60 kph Expected in 36 hours)</p>	<p>Rest of Zambales, Bulacan, Bataan and Pampanga</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.
	<p>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 AM** today.

II. ACTIONS TAKEN

- NDRRM Operations Center disseminated **Severe Weather Bulletin No. 16 for Typhoon "LAWIN"** 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.