



NDRRMC UPDATE

Severe Weather Bulletin No. 08 re Typhoon “LAWIN” (I.N. HAIMA)

Releasing Officer:


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Source: PAGASA-DOST

I. SITUATION OVERVIEW

“LAWIN” gains more strength and continues to threaten Northern Luzon.

- Estimated rainfall amount is from moderate to heavy within the **700 km** diameter of the Typhoon.
- It is expected to intensify further before making a landfall
- It is expected to make landfall over Cagayan Area by Thursday early morning (20 October 2016) then will cross Apayao and Ilocos Norte.
- Possible to exit PAR on Friday (21 October 2016) **early morning or tomorrow evening (22 October 2016).**
- Sea travel is risky over the eastern 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 450 km East of Casiguran, Aurora (16.1°N, 126.3°E)
Strength	Maximum sustained winds of up to 210 kph near the center and gustiness of up to 260 kph
Forecast Movement	Forecast to move West Northwest at 26 kph
Forecast Positions	<ul style="list-style-type: none">• 24 Hour (Tomorrow Morning): In the vicinity of Santo Niño, Cagayan (18.0°N, 121.4°E)• 48 Hour (Friday Morning): 490 km West Northwest of Laoag City, Ilocos Norte (OUTSIDE PAR) (20.4°N, 116.6°E)• 72 Hour (Saturday Morning): 835 km Northwest of Basco, Batanes (OUTSIDE PAR) (24.6°N, 115.2°E)• 96 Hour (Sunday Morning): 935 km North Northwest of Basco, Batanes (OUTSIDE PAR) (27.7°N, 117.4°E)• 120 hour (Monday Morning): 1,060 km North of Basco, Batanes (OUTSIDE PAR) (29.9°N, 123.1°E)

TROPICAL CYCLONE WARNING SIGNAL				
TCWS	Luzon	Visayas	Mindanao	Impacts of the wind
3 (121-170 kph Expected in 18 hours)	Cagayan, Isabela, Kalinga, Apayao, Ifugao, Mt. Province			<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 nippa 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.
	Wave Height: (Open Sea) > 14.0 meters. Storm Surge possible at coastal areas.			
2 (61-120 kph Expected in 24 hours)	Calayan Group of Islands, Northern Aurora, Quirino, Nueva Vizcaya, Benguet, La Union, Ilocos Norte, Ilocos Sur, and Abra,			<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.

				<ul style="list-style-type: none"> • 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. • Rice and corns 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 at coastal areas			Storm surge possible
1 (30-60 kph Expected in 36 hours)	Batanes Group of Islands, Tarlac, Pangasinan, Nueva Ecija, Rest of Aurora, Zambales, Pampanga, Bulacan, Bataan, Northern Quezon including Polilio Islands, Rizal, Laguna, Camarines Norte, Camarine Sur, Catanduanes and Metro Manila			<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 maybe broken. • Rice crops, however, may suffer significant damage when it is in its flowering stage.
	Wave Height: (Open Sea) 1.25-4.0 meters			

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 **11 AM today**.

II. ACTIONS TAKEN

- NDRRM Operations Center disseminated **Severe Weather Bulletin No. 08** 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.
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