



TROPICAL CYCLONE BULLETIN NO. 8

Tropical Storm KARDING (NORU)

Issued at 5:00 AM, 24 September 2022

Valid for broadcast until the next bulletin at 11:00 AM today.

"KARDING" SLIGHTLY INTENSIFIES WHILE MOVING WEST SOUTHWESTWARD

Location of Center (4:00 AM)

The center of Tropical Storm KARDING was estimated based on all available data at **795 km East of Tuguegarao City, Cagayan (17.0°N, 129.2°E)**

Intensity

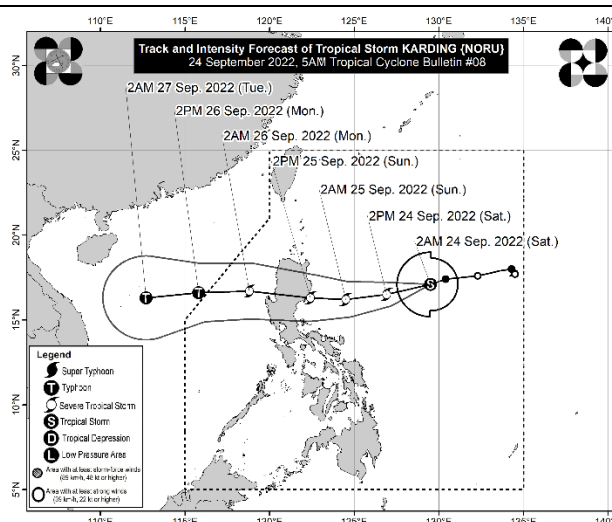
Maximum sustained winds of **85 km/h** near the center, gustiness of up to **105 km/h**, and central pressure of **994 hPa**

Present Movement

West Southwestward at 15 km/h

Extent of Tropical Cyclone Winds

Strong to gale-force winds extend outwards up to **220 km** from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 2:00 PM 24 September 2022	16.5	126.9	510 km East of Casiguran, Aurora	95	STS	WSW 25
24-Hour Forecast 2:00 AM 25 September 2022	16.2	124.5	255 km East of Casiguran, Aurora	100	STS	W 20
36-Hour Forecast 2:00 PM 25 September 2022	16.3	122.4	Over the coastal waters of Casiguran, Aurora	110	STS	W 20
48-Hour Forecast 2:00 AM 26 September 2022	16.7	118.8	195 km West of Baguio City	110	STS	W 30
60-Hour Forecast 2:00 PM 26 September 2022	16.6	115.8	515 km West of Baguio City (Outside the PAR)	120	TY	W 25
72-Hour Forecast 2:00 AM 27 September 2022	16.3	112.7	820 km West of Northern Luzon (Outside the PAR)	130	TY	W 30



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1 Wind threat: Strong winds	Isabela, Nueva Vizcaya, Quirino, the southern portion of mainland Cagayan (Peñablanca, Tuguegarao City, Iguig, Solana, Tuao, Enrile), Kalinga, Mountain Province, Ifugao, and the northern and eastern portions of Nueva Ecija (Carranglan, Pantabangan, Gabaldon, Bongabon, Laur, Rizal, San Jose City, Lupao, Llanera, General Mamerto Natividad, Palayan City, General Tinio)	-	-
Warning lead time: 36 hours Potential impacts of winds: Minimal to minor threat to life and property			

HAZARDS AFFECTING LAND AREAS
<p>Heavy Rainfall</p> <ul style="list-style-type: none">• <i>Tonight through tomorrow early morning:</i> Light to moderate with at times heavy rains over Batanes, Cagayan, Isabela, and the northern portion of Aurora• <i>Rest of tomorrow through Monday early morning:</i> Heavy to intense rains over the northern portion of Aurora, Isabela, Quirino, Nueva Vizcaya, Benguet, La Union, Pangasinan, and the northern portion of Nueva Ecija. Moderate to heavy rains over mainland Cagayan, Ilocos Provinces, the rest of Nueva Ecija, Tarlac, the northern portion of Zambales, and the rest of Cordillera Administrative Region. Light to moderate with at times heavy rains over the rest of Cagayan Valley and Central Luzon.• Under these conditions, scattered flooding and rain-induced landslides are possible, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities with significant antecedent rainfall.• Due to the Southwest Monsoon partly influenced by KARDING, occasional rains are also possible beginning today or tomorrow over most of Southern Luzon (including Metro Manila) and Visayas, especially over their western sections. As such, the issuance of Weather Advisory for Southwest Monsoon is not ruled out. <p>Severe Winds Strong winds (strong breeze to near gale strength) will be experienced within any of the areas where Wind Signal No. 1 is currently in effect. Per latest track and intensity forecast, the most likely highest wind signal that will be hoisted is Wind Signal No. 3. However, with the possibility that KARDING will reach typhoon category shortly before making landfall, the hoisting of Wind Signal No. 4 in some areas over the eastern section of Northern or Central Luzon is not ruled out.</p>
HAZARDS AFFECTING COASTAL WATERS
<ul style="list-style-type: none">• A preceding northeasterlies and the approaching tropical storm may bring moderate to rough seas (1.5 to 3.5 m) over the seaboard of Northern Luzon today. Sea conditions is forecast to worsen tomorrow, with the seaboard of Northern Luzon and the eastern seaboard of Central Luzon experiencing rough to very rough seas (2.8 to 6.0 m). A marine gale warning may be issued for these coastal waters within the day (at the earliest).• The aforementioned conditions are risky for most types of seacrafts. Mariners are advised to monitor for updates, take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions during the said period.



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TRACK AND INTENSITY OUTLOOK

- KARDING is forecast to track generally west southwestward or westward while gradually accelerating towards the east coast of Isabela or Aurora, where it is likely to make landfall tomorrow morning or afternoon. After crossing the mountainous terrain of Northern Luzon, the tropical cyclone is forecast to emerge over the West Philippine Sea tomorrow late evening or Monday early morning. KARDING will then continue tracking westward over the West Philippine Sea for the remainder of the forecast period.
- This tropical cyclone is forecast to gradually intensify within the period prior to landfall over Northern Luzon. While current forecast scenario shows that KARDING may make landfall as a severe tropical storm, the possibility that this tropical cyclone will reach typhoon category shortly before reaching land is not ruled out. Frictional effects of the rugged terrain of Northern Luzon may result in some slight weakening, although KARDING will likely be at severe tropical storm category once it emerges over the West Philippine Sea.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 AM today.

DOST-PAGASA

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