



TROPICAL CYCLONE BULLETIN NO. 07

Tropical Storm KARDING (NORU)

Issued at 11:00 PM, 23 September 2022

Valid for broadcast until the next bulletin at 5:00 AM tomorrow.

"KARDING" MAINTAINS ITS STRENGTH AS IT MOVES WEST SOUTHWESTWARD OVER THE PHILIPPINE SEA

Location of Center (10:00 PM)

The center of Tropical Storm KARDING was estimated based on all available data at **895 km East of Northern Luzon (17.5°N, 130.2°E)**

Intensity

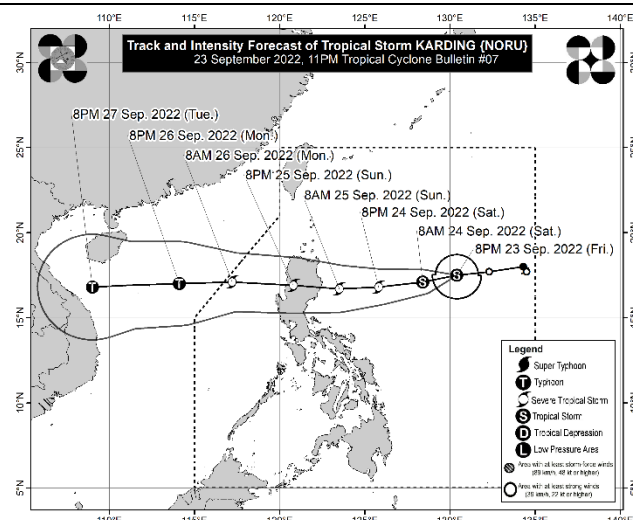
Maximum sustained winds of **75 km/h** near the center, gustiness of up to **90 km/h**, and central pressure of **998 hPa**

Present Movement

West Southwestward at 15 km/h

Extent of Tropical Cyclone Winds

Strong to gale-force winds extend outwards up to **160 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 8:00 AM 24 September 2022	17.1	128.4	710 km East of Tuguegarao City, Cagayan	85	TS	WSW 20
24-Hour Forecast 8:00 PM 24 September 2022	16.8	125.8	395 km East of Casiguran, Aurora	100	STS	W 25
36-Hour Forecast 8:00 AM 25 September 2022	16.7	123.5	155 km East Northeast of Casiguran, Aurora	110	STS	W 20
48-Hour Forecast 8:00 PM 25 September 2022	16.9	120.8	In the vicinity of Mankayan, Benguet	95	STS	W 25
60-Hour Forecast 8:00 AM 26 September 2022	17.1	117.2	335 km West Southwest of Sinait, Ilocos Sur	110	STS	W 30
72-Hour Forecast 8:00 PM 26 September 2022	17.0	114.1	685 km West of Sinait, Ilocos Sur (Outside the PAR)	120	TY	W 30
96-Hour Forecast 8:00 PM 27 September 2022	16.8	109.0	1,225 km West of Northern Luzon (Outside the PAR)	150	TY	W 25



TROPICAL CYCLONE BULLETIN NO. 07

Tropical Storm KARDING (NORU)

Issued at 11:00 PM, 23 September 2022

Valid for broadcast until the next bulletin at 5:00 AM tomorrow.

TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1 Wind threat: Strong winds	The eastern portion of Isabela (Divilacan, Palanan, Dinapigue, Maconacon, San Mariano, Ilagan City) and the northern portion of Aurora (Casiguran, Dilasag, Dinalungan)	-	-
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>Tomorrow evening through Sunday early morning:</i> Light to moderate with at times heavy rains over Batanes, Cagayan, Isabela, and the northern portion of Aurora<i>Rest of Sunday through Monday early morning:</i> Heavy to intense rains over the northern portion of Aurora, Isabela, Quirino, Nueva Vizcaya, Benguet, La Union, and Pangasinan. Moderate to heavy rains with at times intense rains over mainland Cagayan, Ilocos Provinces, 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 tomorrow evening or on Sunday 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 tomorrow. Sea conditions is forecast to worsen on Sunday, 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 by tomorrow (at the earliest).The aforementioned conditions are risky for most 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.



TROPICAL CYCLONE BULLETIN NO. 07

Tropical Storm KARDING (NORU)

Issued at 11:00 PM, 23 September 2022

Valid for broadcast until the next bulletin at 5:00 AM tomorrow.

TRACK AND INTENSITY OUTLOOK

- KARDING is forecast to track generally westward while gradually accelerating towards the east coast of Isabela or Aurora, where it is likely to make landfall on Sunday morning or afternoon. After crossing the mountainous terrain of Northern Luzon throughout Sunday, the tropical cyclone is forecast to emerge over the West Philippine Sea by Sunday 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 5:00 AM tomorrow.

DOST-PAGASA

Page 3 of 3

Prepared by:  **JEMB**

Checked by:  **RPG**