



## TROPICAL CYCLONE BULLETIN NO. 22

### Typhoon KARDING (NORU)

Issued at 5:00 AM, 26 September 2022

Valid for broadcast until the next bulletin at 8:00 AM today

#### TYPHOON "KARDING" EMERGES OVER THE COASTAL WATERS OF NORTHERN ZAMBALES

<b>Location of Center (4:00 AM)</b>	
The center of the eye of Typhoon KARDING was estimated based on all available data over the coastal waters of Santa Cruz, Zambales ( <b>15.7°N, 119.5°E</b> )	
<b>Intensity</b>	
Maximum sustained winds of <b>140 km/h</b> near the center, gustiness of up to <b>170 km/h</b> , and central pressure of <b>970 hPa</b>	
<b>Present Movement</b>	
<b>West northwestward at 30 km/h</b>	
<b>Extent of Tropical Cyclone Winds</b>	
<b>Strong to typhoon-force winds</b> extend outwards up to <b>270 km</b> from the center	

#### TRACK AND INTENSITY FORECAST

Date and Time	Center Position		Location	Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)		MSW (km/h)	Cat.	
<b>12-Hour Forecast</b> 2:00 PM 26 September 2022	15.9	117.3	325 km West of Dagupan City, Pangasinan	130	TY	W 25
<b>24-Hour Forecast</b> 2:00 AM 27 September 2022	15.8	114.5	625 km West of Dagupan City, Pangasinan (Outside the PAR)	140	TY	W 25
<b>36-Hour Forecast</b> 2:00 PM 27 September 2022	15.5	112.1	845 km West of Central Luzon (Outside the PAR)	150	TY	W 20

#### TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT

	Luzon	Visayas	Mindanao
<b>3</b> Wind threat: <b>Storm-force winds</b>	<b>The western section of Pangasinan</b> (Bolinao, Bani, Anda, City of Alaminos, Sual, Labrador, Bugallon, Aguilar, Mangatarem, Mabini, Infanta, Dasol, Burgos, Agno), and the <b>northern and central portions of Zambales</b> (Candelaria, Masinloc, Palauig, Iba, Botolan, Cabangan, San Felipe, San Narciso, Santa Cruz)  Warning lead time: <b>18 hours</b> Potential impacts of winds: <b>Moderate to significant threat to life and property</b>	-	-



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
Luzon		Visayas	Mindanao
<div>2</div> <div>Wind threat: Gale-force winds</div>	<b>The rest of Pangasinan, La Union, the southern portion of Benguet</b> (Sablan, La Trinidad, Baguio City, Tuba, Itogon), <b>Tarlac, the western portion of Nueva Ecija</b> (Lupao, Science City of Muñoz, Talavera, Santo Domingo, Aliaga, Jaen, Zaragoza, San Antonio, Cabiao, Licab, Quezon, Talugtug, Guimba, Cuyapo, Nampicuan), <b>Pampanga, the rest of Zambales</b> and <b>the northern portion Bataan</b> (Dinalupihan, City of Balanga, Pilar, Abucay, Samal, Orani, Hermosa, Morong, Bagac)	-	-
	Warning lead time: <b>24 hours</b> Potential impacts of winds: <b>Minor to moderate threat to life and property</b>		
<div>1</div> <div>Wind threat: Strong winds</div>	<b>Ilocos Sur, the rest of Benguet, the western portion of Ifugao</b> (Hungduan, Kiangnan, Hingyon, Banaue, Lagawe, Lamut, Asipulo, Tinoc), <b>the western portion of Mountain Province</b> (Sagada, Besao, Tadian, Bauko, Sabangan, Bontoc), <b>Quirino, Nueva Vizcaya, the central and southern portions of Aurora</b> (Dingalan, San Luis, Maria Aurora, Dipaculao, Baler), <b>the rest of Nueva Ecija, Bulacan, the rest of Bataan, Metro Manila, the extreme northern portion of Quezon</b> (General Nakar), <b>Rizal, the western portion of Laguna</b> (Los Baños, City of Calamba, Cabuyao City, City of Santa Rosa, City of Biñan, City of San Pedro), <b>the western portion of Batangas</b> (Balayan, Calaca, Calatagan, San Luis, Mabini, Bauan, Alitagtag, Santa Teresita, Taal, Agoncillo, San Nicolas, Talisay, Cuenca, Mataasnakahoy, City of Tanauan, Malvar, Santo Tomas, Balete, Lemery, Laurel, Tuy, Lian, Nasugbu), <b>Cavite, and the northern portion of Occidental Mindoro</b> (Paluan, Abra de Ilog) <b>including Lubang Islands</b>	-	-
	Warning lead time: <b>36 hours</b> Potential impacts of winds: <b>Minimal to minor threat to life and property</b>		
Tropical Cyclone Wind Signals in other areas are hereby lifted.			



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#### HAZARDS AFFECTING LAND AREAS

##### Heavy Rainfall

- *Until noon today:* Heavy to intense with at times torrential rains over Zambales, Bataan, and Tarlac. Moderate to heavy with at times intense rains over the western portion of Pangasinan, Pampanga, Cavite, and Lubang Islands. Light to moderate with at times heavy rains over Metro Manila, the rest of Pangasinan, La Union, Benguet, Nueva Vizcaya, Nueva Ecija, Bulacan, Rizal, Laguna, and the western portions of Batangas and mainland Occidental Mindoro.
- Under these conditions, **scattered to widespread flooding and rain-induced landslides remains likely**, 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.
- **Occasional to monsoon rains** are still possible in the next 24 hours over the western sections of Central Luzon, Southern Luzon (including Metro Manila) and Visayas, especially as the rainbands of KARDING moves further away from the landmass. For more information, refer to the 24-Hour Public Weather Forecast issued at 4:00 AM today.

##### Severe Winds

- Winds may still reach **storm-force** in strength within any of the areas where Wind Signal No. 3 is hoisted. **Gale-force** conditions remain possible within any of the areas where Wind Signal no.2 is hoisted, while **strong winds (strong breeze to near gale strength)** may still be experienced within any of the areas where Wind Signal No. 1 is currently in effect.
- **Rapid de-escalation of wind signals remains likely** as KARDING moves further away from the landmass of Luzon.

##### Coastal Inundation

High waves breaking along the coast of Zambales, Bataan, and Pangasinan may cause flooding or inundation in exposed and low-lying coastal communities.

#### HAZARDS AFFECTING COASTAL WATERS

- Under the influence of KARDING, a **Marine Gale Warning remains in effect** over the western seaboard of Northern and Central Luzon. For more information, refer to **Gale Warning #6** issued at 5:00 AM today.
- The enhanced Southwest Monsoon may also bring **moderate to rough seas** (1.5 to 3.0 m) over the western seaboard of Southern Luzon, Visayas, and Mindanao. These conditions may be risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

#### TRACK AND INTENSITY OUTLOOK

KARDING is forecast to continue tracking generally westward over the West Philippine Sea towards Vietnam. On the track forecast, **it will exit the Philippine Area of Responsibility tonight**. It is still forecast to slightly weaken or maintain its strength in the near term as it begins to move away from the landmass of Luzon. A period of re-intensification may occur beginning tonight or tomorrow early morning as the typhoon moves 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 8:00 AM today.

DOST-PAGASA

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