



TROPICAL CYCLONE BULLETIN NR. 22
Typhoon CARINA (GAEMI)

Issued at 5:00 AM, 25 July 2024

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

“CARINA” IS NOW CROSSING TAIWAN AND NEARING THE NORTHERN BOUNDARY OF THE PHILIPPINE AREA OF RESPONSIBILITY (PAR).

Location of Center (4:00 AM)

The center of the eye of Typhoon CARINA was estimated based on all available data at **465 km North of Itbayat, Batanes or in the vicinity of Hsinchu County, Taiwan (24.9°N, 121.0°E)**

Intensity

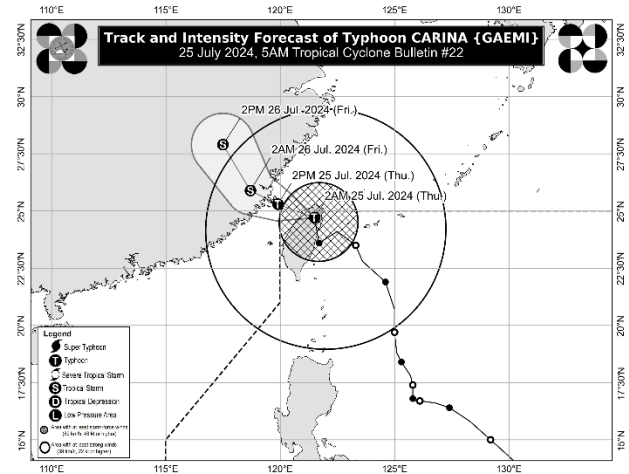
Maximum sustained winds of **150 km/h** near the center, gustiness of up to **250 km/h**, and central pressure of **960 hPa**

Present Movement

Northward at 20 km/h

Extent of Tropical Cyclone Winds

Strong to typhoon-force winds extend outwards up to **660 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 25 July 2024	25.3	119.9	540 km North Northwest of Itbayat, Batanes (OUTSIDE PAR)	120	TY	WNW 15
24-Hour Forecast 2:00 AM 26 July 2024	25.9	118.7	655 km North Northwest of Itbayat, Batanes or in the vicinity of Fujian, China (OUTSIDE PAR)	85	TS	WNW 10
36-Hour Forecast 2:00 PM 26 July 2024	27.9	117.5	905 km North Northwest of Extreme Northern Luzon or in the vicinity of Fujian, China (OUTSIDE PAR)	65	TS	NNW 20

TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT

TCWS No.	Luzon	Visayas	Mindanao
1	Batanes	-	-
Wind threat: Strong winds	Warning lead time: 36 hours Range of wind speeds: 39 to 61 km/h (Beaufort 6 to 7) Potential impacts of winds: Minimal to minor threat to life and property		

Prepared by: *mb*
RPG

Checked by: *CFP*
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OTHER HAZARDS AFFECTING LAND AREAS

Heavy Rainfall Outlook

Typhoon CARINA is now less likely to directly bring heavy rainfall over any portion of the country. However, the Southwest Monsoon enhanced by CARINA will bring **moderate to intense rainfall** over various localities in the western portion of Luzon today through Saturday. For more information, refer to Weather Advisory No. 30 issued at 11:00 PM yesterday.

Severe Winds

The wind signals warn the public of the general wind threat over an area due to the tropical cyclone. Local winds may be slightly stronger/enhanced in coastal and upland/mountainous areas exposed to winds. Winds are less strong in areas sheltered from the prevailing wind direction.

- **Minimal to minor impacts** from strong winds are possible within any of the areas under Wind Signal No. 1.

The Southwest Monsoon enhanced by CARINA will also bring **strong to gale-force gusts** over the following areas (especially in coastal and upland areas exposed to winds):

- **Today and tomorrow (26 July):** Batanes, Babuyan Islands, Ilocos Region, Cordillera Administrative Region, Nueva Vizcaya, Quirino, the eastern portion of Isabela, Central Luzon, Metro Manila, CALABARZON, MIMAROPA, Bicol Region, Western Visayas, Negros Occidental, and Northern Samar
- **Saturday (27 July):** Batanes, Ilocos Region, Zambales, Bataan, Marinduque, Romblon, and Kalayaan Islands.

HAZARDS AFFECTING COASTAL WATERS

- **Gale Warning is in effect over the coastal waters of Batanes, Babuyan Islands, Ilocos Norte, Ilocos Sur, and northwestern Cagayan. Sea travel is risky for small seacrafts, including all types of motorbancas.** For more information, refer to Gale Warning No. 6 issued at 5:00 AM today.
- In the next 24 hours, CARINA and the enhanced Southwest Monsoon will bring rough seas over the western seaboard of Central Luzon (2.5 to 4.0 m). Moderate to rough seas are also expected over the northern and western seaboards of Northern Luzon outside Gale Warning areas, the western seaboard of Southern Luzon (1.5 to 4.0 m), and the eastern seaboard of Northern Luzon (1.5 to 3.5 m). **Mariners of small seacrafts, including all types of motorbancas, are advised not to venture out to sea under these conditions, especially if inexperienced or operating ill-equipped vessels.**
- **Up to moderate seas** are also expected over the eastern seaboards of Central and Southern Luzon, the southern seaboard of Southern Luzon (1.0 to 2.5 m), the western and eastern seaboards of Visayas, and the eastern seaboard of Mindanao (1.0 to 2.0 m). **Mariners of motorbancas and similarly-sized vessels are advised to take precautionary measures while venturing out to sea and, if possible, avoid navigation under these conditions.**

TRACK AND INTENSITY OUTLOOK

CARINA is forecast to exit the PAR region this morning, cross the Taiwan Strait, and make its final landfall over southeastern China this afternoon or evening. This typhoon will continue to weaken as it further interacts with the mountainous terrain of Taiwan and the landmass of southeastern

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

Prepared by: RPG

Page 2 of 2

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