



TROPICAL CYCLONE BULLETIN NR. 2

Tropical Storm MARCE (YINXING)

Issued at 11:00 AM, 04 November 2024

Valid for broadcast until the next bulletin at 5:00 PM today.

“MARCE” SLIGHTLY INTENSIFIES AS IT MOVES WEST NORTHWESTWARD OVER THE PHILIPPINE SEA.

Location of Center (10:00 AM)

The center of Tropical Storm MARCE was estimated based on all available data at **775 km East of Borongan City, Eastern Samar (12.4°N, 132.5°E)**

Intensity

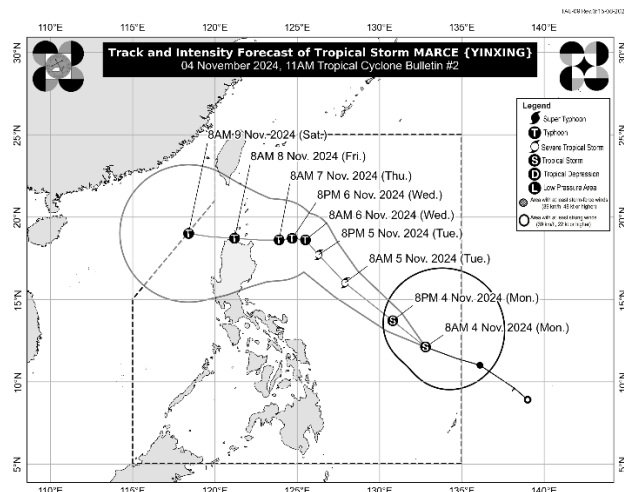
Maximum sustained winds of **75 km/h** near the center, gustiness of up to **90 km/h**, and central pressure of **998 hPa**

Present Movement

West northwestward at 35 km/h

Extent of Tropical Cyclone Winds

Strong to gale-force winds extend outwards up to **580 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 PM 04 November 2024	13.7	130.8	715 km East of Virac, Catanduanes	85	TS	NW 25
24-Hour Forecast 8:00 AM 05 November 2024	16.0	127.9	620 km East of Casiguran, Aurora	95	STS	NW 35
36-Hour Forecast 8:00 PM 05 November 2024	17.7	126.3	480 km East of Tuguegarao City, Cagayan	100	STS	NW 20
48-Hour Forecast 8:00 AM 06 November 2024	18.6	125.5	410 km East of Aparri, Cagayan	120	TY	NW 10
60-Hour Forecast 8:00 PM 06 November 2024	18.7	124.7	325 km East of Aparri, Cagayan	120	TY	W Slowly
72-Hour Forecast 8:00 AM 07 November 2024	18.6	123.9	240 km East of Aparri, Cagayan	130	TY	W Slowly
96-Hour Forecast 8:00 AM 08 November 2024	18.7	121.2	Over the coastal waters of Sanchez Mira, Cagayan	130	TY	W 10
120-Hour Forecast 8:00 AM 09 November 2024	19.0	118.4	325 km West of Calayan, Cagayan	130	TY	W 10



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT

No Wind Signal currently hoisted.

OTHER HAZARDS AFFECTING LAND AREAS

Heavy Rainfall Outlook

As MARCE moves northwestward within the PAR region, it may enhance the northeasterly wind flow which may occur within the week. This, and the trough of the tropical cyclone, will bring rains over Extreme Northern Luzon and the eastern section of Luzon beginning today or on Tuesday. **A Weather Advisory may be issued over the next days as MARCE moves closer towards Northern Luzon.**

Severe Winds

Tropical Cyclone Wind Signal No. 1 may be hoisted over portions of Cagayan by tomorrow. The highest Wind Signal which may be hoisted during the occurrence of MARCE is **Wind Signal No. 4.**

Furthermore, northeasterly wind flow will also bring **strong to gale-force gusts** over the following areas (especially in coastal and upland areas exposed to winds):

- **Today (4 November):** Batanes, Cagayan including Babuyan Islands, Isabela, Ilocos Norte, Aurora, and the northern portion of Quezon.
- **Tomorrow (5 November):** Batanes, Cagayan including Babuyan Islands, Isabela, Ilocos Norte, Ilocos Sur, Aurora, Quezon, and Camarines Norte.
- **Tuesday (6 November):** Ilocos Region, Quezon, Camarines Norte, Camarines Sur, and Catanduanes.

HAZARDS AFFECTING COASTAL WATERS

24-Hour Sea Condition Outlook

Up to rough seas over the following coastal waters:

- **Up to 3.5 m:** The seaboard of Batanes.
- **Up to 3.0 m:** The seaboard of Batanes, Babuyan Islands, Ilocos Norte, and Ilocos Sur.
- **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 over the following coastal waters:

- **Up to 2.5 m:** The seaboard of mainland Cagayan, Isabela, Aurora, and the northern and eastern seaboard of Polillo Islands.
- **Up to 2.0 m:** The remaining seaboard of Ilocos Region; the seaboard of Northern Quezon, Camarines Norte, the northern and eastern seaboard of Catanduanes, the eastern seaboard of Albay, the eastern seaboard of Sorsogon, Northern Samar, and the eastern seaboard of Eastern Samar.
- **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.**

A Gale Warning will likely be hoisted over the seaboard of Northern Luzon tomorrow evening or on Wednesday.



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TRACK AND INTENSITY OUTLOOK

- MARCE is forecast to move generally west northwestward today until tomorrow (5 November) before turning westward at a slow pace over the Philippine Sea east of Extreme Northern Luzon. On the track forecast, MARCE will make landfall in the vicinity of Babuyan Islands or mainland northern Cagayan on Thursday evening (7 November) or Friday (8 November) early morning. Due to uncertainty in the strength of the high pressure area north of MARCE, the forecast track may still change and bring the landfall point to mainland Cagayan-Isabela area.
- This tropical cyclone is expected to gradually intensify and may reach severe tropical storm category by tomorrow (5 November). Furthermore, it may also reach typhoon category by tomorrow evening or Wednesday early morning. **Rapid intensification is likely.**

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 PM today.

DOST-PAGASA