



TROPICAL CYCLONE BULLETIN NR. 5
Severe Tropical Storm MARCE (YINXING)

Issued at 5:00 AM, 05 November 2024

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

“MARCE” SLIGHTLY INTENSIFIES AND IS NEARING TYPHOON CATEGORY

Location of Center (4:00 AM)

The center of Severe Tropical Storm MARCE was estimated based on all available data at **735 km East of Baler, Aurora (15.7°N, 128.5°E)**

Intensity

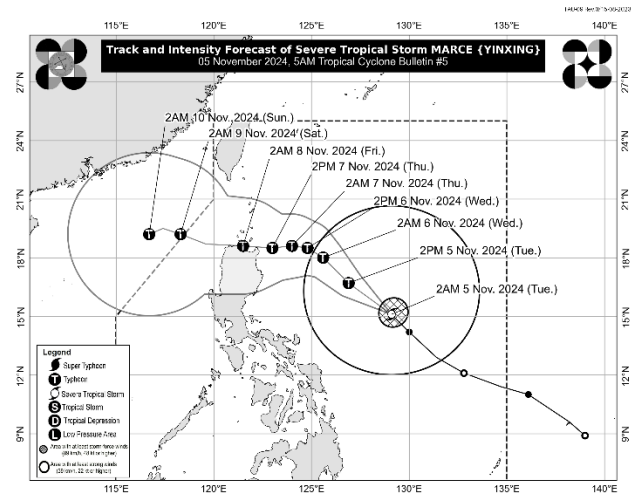
Maximum sustained winds of **110 km/h** near the center, gustiness of up to **135 km/h**, and central pressure of **975 hPa**

Present Movement

Northwestward at 25 km/h

Extent of Tropical Cyclone Winds

Strong to storm-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 2:00 PM 05 November 2024	16.7	126.9	555 km East of Echague, Isabela	130	TY	NW 25
24-Hour Forecast 2:00 AM 06 November 2024	18.0	125.6	410 km East of Tuguegarao City, Cagayan	140	TY	NW 15
36-Hour Forecast 2:00 PM 06 November 2024	18.5	124.8	335 km East of Aparri, Cagayan	150	TY	WNW 10
48-Hour Forecast 2:00 AM 07 November 2024	18.6	124.0	250 km East of Aparri, Cagayan	150	TY	W Slowly
60-Hour Forecast 2:00 PM 07 November 2024	18.5	123.0	145 km East of Aparri, Cagayan	140	TY	W 10
72-Hour Forecast 2:00 AM 08 November 2024	18.6	121.5	Over the coastal waters of Calayan, Cagayan	140	TY	W 15
96-Hour Forecast 2:00 AM 09 November 2024	19.2	118.3	335 km West of Calayan, Cagayan (OUTSIDE PAR)	130	TY	WNW 15
120-Hour Forecast 2:00 AM 10 November 2024	19.2	116.7	500 km West of Calayan, Cagayan (OUTSIDE PAR)	120	TY	W Slowly

Prepared by: PCDM

Checked by: SFD

“tracking the sky...helping the country.”



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1 Wind threat: Strong winds	Batanes, Cagayan including Babuyan Islands, the northern and eastern portions of Isabela (Maconacon, San Pablo, Palanan, Dinapigue, Santa Maria, Cabagan, Tumauni, Santo Tomas, Ilagan City, Divilacan, San Mariano), the northern portion of Apayao (Santa Marcela, Luna, Calanasan, Flora, Pudtol), and the northern portion of Ilocos Norte (Pagudpud, Dumalneg, Adams, Bangui, Burgos, Pasuquin, Vintar)	-	-
	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		

OTHER HAZARDS AFFECTING LAND AREAS
<p><u>Heavy Rainfall Outlook</u></p> <p>Refer to Weather Advisory No. 2 issued at 5:00 AM today for the Heavy Rainfall Outlook associated with Severe Tropical Storm MARCE.</p> <p><u>Severe Winds</u></p> <p>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.</p> <ul style="list-style-type: none"> Minimal to minor impacts from strong winds are possible within any of the areas under Wind Signal No. 1. <p>The highest Wind Signal which may be hoisted during the occurrence of MARCE is Wind Signal No. 4.</p> <p>Furthermore, the northeasterly wind flow will also bring strong to gale-force gusts over the following areas (especially in coastal and upland areas exposed to winds):</p> <ul style="list-style-type: none"> Today (5 November): Ilocos Sur, Aurora, Quezon, and Camarines Norte. Tomorrow (6 November): Ilocos Region, Quezon, Camarines Norte, Camarines Sur, and Catanduanes. Thursday (7 November): Ilocos Region

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HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the northern and eastern seaboards of Northern Luzon. For more information, refer to Gale Warning No. 1 issued at 5:00 AM today.

24-Hour Sea Condition Outlook

Up to very rough seas:

- **Up to 4.5 m:** The seaboards of Batanes, Cagayan including Babuyan Islands, and Isabela
- **Sea travel is risky all types or tonnage of vessels. All mariners must remain in port or, if underway, seek shelter or safe harbor as soon as possible until winds and waves subside.**

Up to rough seas over the following coastal waters:

- **Up to 4.0 m:** The northern seaboard of Ilocos Norte
- **Up to 3.5 m:** The seaboard of northern Aurora and Camarines Norte
- **Up to 3.0 m:** The remaining seaboard of Ilocos Region; the northern seaboard of northern Quezon and Camarines Sur; the northern and eastern seaboards of Polillo Islands and Catanduanes
- **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 remaining seaboard of Aurora; the remaining eastern seaboard of Quezon and Bicol Region
- **Up to 2.0 m:** The seaboards of Zambales, Bataan, Lubang Islands, Kalayaan Islands, Northern Samar, Eastern Samar, Dinagat Islands, Surigao del Sur, Davao Oriental, and Davao del Sur; the western seaboard of northern Palawan including Calamian Islands
- **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.**



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TRACK AND INTENSITY OUTLOOK

- MARCE is forecast to move generally west northwestward today until tomorrow (6 November) morning before decelerating and turning westward over the Philippine Sea east of Extreme Northern Luzon. On the forecast track, MARCE may make landfall in the vicinity of Babuyan Islands or over the northern portion of mainland 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. MARCE may exit the Philippine Area of Responsibility (PAR) region on Friday evening or Saturday (9 November) early morning.
- **MARCE is currently undergoing rapid intensification.** This tropical cyclone is expected to continue to rapidly intensify and may reach typhoon category today. MARCE is expected to reach its peak intensity prior to possible landfall over Babuyan Islands of Cagayan.

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