



TROPICAL CYCLONE BULLETIN NR. 4
Severe Tropical Storm MARCE (YINXING)

Issued at 11:00 PM, 04 November 2024

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

“MARCE” INTENSIFIES INTO SEVERE TROPICAL STORM AS IT UNDERGOES RAPID INTENSIFICATION

Location of Center (10:00 PM)

The center of Severe Tropical Storm MARCE was estimated based on all available data at **590 km East of Virac, Catanduanes** or **715 km East of Daet, Camarines Norte (14.5°N, 129.6°E)**

Intensity

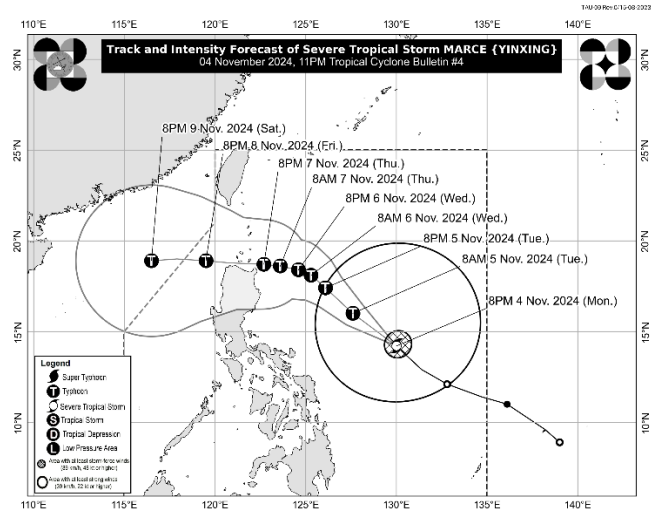
Maximum sustained winds of **100 km/h** near the center, gustiness of up to **125 km/h**, and central pressure of **985 hPa**

Present Movement

Northwestward at 35 km/h

Extent of Tropical Cyclone Winds

Strong to storm-force winds extend outwards up to **600 km** 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.	
12-Hour Forecast 8:00 AM 05 November 2024	16.0	127.6	585 km East of Casiguran, Aurora	120	TY	NW 25
24-Hour Forecast 8:00 PM 05 November 2024	17.4	126.1	460 km East of Tuguegarao City, Cagayan	140	TY	NW 20
36-Hour Forecast 8:00 AM 06 November 2024	18.1	125.3	390 km East of Aparri, Cagayan	140	TY	NW 10
48-Hour Forecast 8:00 PM 06 November 2024	18.4	124.6	315 km East of Aparri, Cagayan	150	TY	WNW Slowly
60-Hour Forecast 8:00 AM 07 November 2024	18.6	123.6	210 km East of Aparri, Cagayan	140	TY	WNW 10
72-Hour Forecast 8:00 PM 07 November 2024	18.7	122.7	120 km East Northeast of Aparri, Cagayan	140	TY	W 10
96-Hour Forecast 8:00 PM 08 November 2024	18.9	119.5	135 km Northwest of Laoag City, Ilocos Norte	140	TY	W 15
120-Hour Forecast 8:00 PM 09 November 2024	18.9	116.5	435 km West Northwest of Sinit, Ilocos Sur	120	TY	W 15

Prepared by: *PCDM*

Checked by: *ADA*

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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1 Wind threat: Strong winds	Batanes, the northern and eastern portions of Cagayan (Camalaniugan, Lal-Lo, Pamplona, Gonzaga, Santa Teresita, Baggao, Buguey, Santa Ana, Claveria, Gattaran, Peñablanca, Lasam, Aparri, Ballesteros, Abulug, Allacapan, Sanchez-Mira, Santa Praxedes, Alcala, Amulung, Iguig) including Babuyan Islands, the eastern portion of Isabela (Maconacon, San Pablo, Divilacan, Palanan, Dinapigue), 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. 1 issued at 11:00 PM 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, 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"> Tomorrow (5 November): Ilocos Sur, Aurora, Quezon, and Camarines Norte. Wednesday (6 November): Ilocos Region, Quezon, Camarines Norte, Camarines Sur, and Catanduanes. Thursday (7 November): Ilocos Region

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HAZARDS AFFECTING COASTAL WATERS

24-Hour Sea Condition Outlook

Up to rough seas over the following coastal waters:

- **Up to 3.5 m:** The seaboards of Batanes, Ilocos Norte, Cagayan including Babuyan Islands, and Isabela
- **Up to 3.0 m:** The remaining seaboard of Ilocos Region; the seaboards of Aurora, Quezon, and Camarines Norte; the northern seaboard of Camarines Norte; the northern and eastern seaboard of 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 eastern seaboard of Bicol Region; the northern and eastern seaboard of Northern Samar and Eastern Samar
- **Up to 2.0 m:** The seaboards of Zambales, Dinagat Islands, Surigao del Norte, Surigao del Sur, and Davao Oriental
- **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.

TRACK AND INTENSITY OUTLOOK

- MARCE is forecast to move generally west northwestward tonight until Wednesday (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 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.
- **MARCE is currently undergoing rapid intensification.** This tropical cyclone is expected to continue to rapidly intensify and may reach typhoon category tomorrow (5 November) morning.

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

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