



TROPICAL CYCLONE BULLETIN NR. 1
Tropical Storm MARCE (YINXING)

Issued at 5:00 AM, 04 November 2024

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

THE TROPICAL DEPRESSION INTENSIFIED INTO TROPICAL STORM AS IT ENTERED THE PHILIPPINE AREA OF RESPONSIBILITY AND WAS GIVEN THE LOCAL NAME "MARCE"

Location of Center (4:00 AM)

The center of Tropical Storm MARCE was estimated based on all available data at **935 km East of Eastern Visayas (11.5°N, 134.3°E)**

Intensity

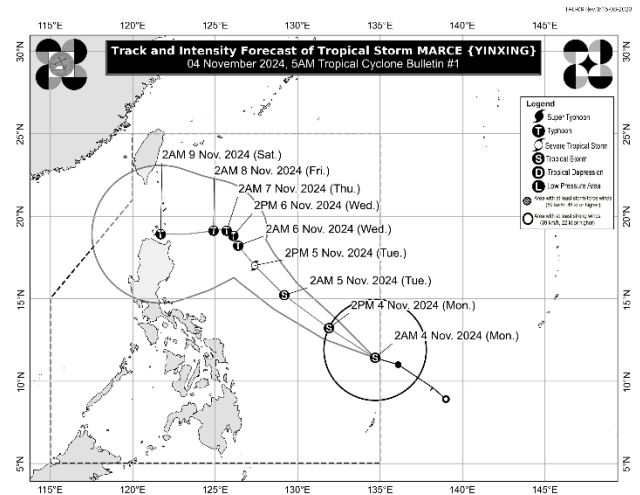
Maximum sustained winds of **65 km/h** near the center, gustiness of up to **80 km/h**, and central pressure of **1002 hPa**

Present Movement

West northwestward at 25 km/h


Extent of Tropical Cyclone Winds

Strong to gale-force winds extend outwards up to **380 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 2:00 PM 04 November 2024	13.2	131.9	710 km East of Guiuan, Eastern Samar	75	TS	WNW 30
24-Hour Forecast 2:00 AM 05 November 2024	15.2	129.2	680 km East of Daet, Camarines Norte	85	TS	NW 30
36-Hour Forecast 2:00 PM 05 November 2024	17.0	127.4	570 km East of Casiguran, Aurora	100	STS	NW 25
48-Hour Forecast 2:00 AM 06 November 2024	18.2	126.4	495 km East of Tuguegarao City, Cagayan	120	TY	NW 15
60-Hour Forecast 2:00 PM 06 November 2024	18.8	126.1	470 km East of Tuguegarao City, Cagayan	130	TY	NNW Slowly
72-Hour Forecast 2:00 AM 07 November 2024	19.1	125.7	445 km East of Calayan, Cagayan	140	TY	NW Slowly
96-Hour Forecast 2:00 AM 08 November 2024	19.1	124.9	360 km East of Calayan, Cagayan	140	TY	W Slowly
120-Hour Forecast 2:00 AM 09 November 2024	18.9	121.7	Over the coastal waters of Calayan, Cagayan	140	TY	W 15

Prepared by:  PCDM

Checked by:  ADA

"tracking the sky...helping the country."



TROPICAL CYCLONE BULLETIN NR. 1
Tropical Storm MARCE (YINXING)

Issued at 5:00 AM, 04 November 2024

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

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 surge of 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 tomorrow 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 3.0 m:** The seaboard of Batanes and Ilocos Norte.
- **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 Babuyan Islands; the eastern seaboard of mainland Cagayan and Isabela.
- **Up to 2.0 m:** The remaining seaboard of Ilocos Region; the seaboard of Kalayaan Islands; the seaboard of Aurora and Camarines Norte; the northern and eastern seaboard of northern Quezon including Polillo Islands, Catanduanes, Northern Samar, and Eastern Samar; the northern seaboard of Camarines Sur.
- **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.**



TROPICAL CYCLONE BULLETIN NR. 1
Tropical Storm MARCE (YINXING)

Issued at 5:00 AM, 04 November 2024

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


TRACK AND INTENSITY OUTLOOK

- MARCE is forecast to move west northwestward to northwestward until Wednesday (6 November) morning before it begins to decelerate significantly while turning westward. From Wednesday afternoon until the end of the forecast period, this tropical cyclone will move north northwestward to westward at a slow pace over the Philippine Sea east of Extreme Northern Luzon. This portion of the forecast has a high uncertainty due to two possible scenarios – either (1) the tropical cyclone will move more westward towards Extreme Northern Luzon or mainland Luzon or (2) the tropical cyclone will move erratically over the Philippine Sea east of Extreme Northern Luzon. As such, this portion of the track forecast is highly likely to change in the succeeding advisories or bulletins.
- **A westward shift in track is likely within the next 24 hours** due to the high-pressure area north of MARCE. As such, the landfall scenario may change from Babuyan Islands down to Isabela area.
- This tropical cyclone is expected to gradually intensify and may reach severe tropical storm category by tomorrow (5 November) morning or afternoon. 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 11:00 AM today.

DOST-PAGASA

Prepared by:  PCDM

Checked by:  ADA

"tracking the sky...helping the country."