



**TROPICAL CYCLONE ADVISORY NR. 2**  
**Tropical Depression**

Issued at 11:00 PM, 03 November 2024

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

<b>THE TROPICAL DEPRESSION OUTSIDE THE PHILIPPINE AREA OF RESPONSIBILITY MAINTAINS ITS STRENGTH WHILE ACCELERATING NORTHWESTWARD</b>	
<b>Location of Center (10:00 PM)</b>	
The center of Tropical Depression was estimated based on all available at <b>1,065 km East of Eastern Visayas (OUTSIDE PAR) (11.1°N, 135.5°E)</b>	
<b>Intensity</b>	
Maximum sustained winds of <b>55 km/h</b> near the center, gustiness of up to <b>70 km/h</b> , and central pressure of <b>1004 hPa</b>	
<b>Present Movement</b>	
<b>Northwestward at 45 km/h</b>	
<b>Extent of Tropical Cyclone Winds</b>	
<b>Strong winds</b> extend outwards up to <b>380 km</b> from the center	

<b>TRACK AND INTENSITY FORECAST</b>						
Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
<b>12-Hour Forecast</b> 8:00 AM 04 November 2024	12.8	133.3	940 km East of Eastern Visayas	65	TS	WNW 30
<b>24-Hour Forecast</b> 8:00 PM 04 November 2024	14.8	130.2	780 km East of Daet, Camarines Norte	75	TS	NW 35
<b>36-Hour Forecast</b> 8:00 AM 05 November 2024	16.8	127.9	620 km East of Casiguran, Aurora	95	STS	NW 30
<b>48-Hour Forecast</b> 8:00 PM 05 November 2024	18.4	126.7	530 km East of Tuguegarao City, Cagayan	110	STS	NW 20
<b>60-Hour Forecast</b> 8:00 AM 06 November 2024	19.0	126.4	520 km East of Calayan, Cagayan	130	TY	NNW Slowly
<b>72-Hour Forecast</b> 8:00 PM 06 November 2024	19.5	126.2	500 km East of Calayan, Cagayan	140	TY	NNW Slowly
<b>96-Hour Forecast</b> 8:00 PM 07 November 2024	19.5	125.0	370 km East of Calayan, Cagayan	150	TY	W Slowly
<b>120-Hour Forecast</b> 8:00 PM 08 November 2024	19.3	122.7	130 km East of Calayan, Cagayan	140	TY	W 10

Prepared by: **PCDM**

Checked by: **ADA**

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



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### GENERAL OUTLOOK FOR THE FORECAST PERIOD

- The Tropical Depression will steadily move northwestward at a fast pace and may enter the Philippine Area of Responsibility (PAR) tomorrow (4 November) early morning as Tropical Cyclone MARCE. This northwestward movement will continue until Tuesday (5 November), before it begins to slow down significantly while turning westward.
- From Wednesday until the end of the forecast period, the tropical cyclone will move north northwestward, then 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.
- As the tropical depression 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. **Given the worst case scenario of a possible landfall over Northern Luzon**, heavy to torrential rainfall caused directly by the tropical cyclone may begin affecting Northern Luzon on Thursday (7 November) or Friday (8 November). Flooding and rain-induced landslides are possible under these conditions, especially in susceptible areas identified in hazard maps and in areas with significant rainfall observed over the past several days (due to saturated soil condition).
- Although a northeasterly windflow is already bringing moderate to rough seas over the seaboards of Northern Luzon, the approaching tropical cyclone will worsen sea condition this week (due to the enhancement of the northeasterly windflow) over the seaboards of Northern Luzon and the western and eastern seaboards of Central and Southern Luzon. Furthermore, the hoisting of Gale Warning over the seaboards of Northern Luzon may begin on Tuesday.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to continue monitoring for updates related to this tropical cyclone.

Unless there is an intermediate issuance, the next tropical cyclone advisory will be issued at 11:00 AM tomorrow.

DOST-PAGASA

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Checked by:  ADA

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