

# Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

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Weather Division

# TROPICAL CYCLONE ADVISORY NR. 3 Tropical Storm MAN-YI

Issued at 11:00 PM, 13 November 2024 Valid for broadcast until the next bulletin at 11:00 AM tomorrow.

### TROPICAL STORM MAN-YI SLIGHTLY INTENSIFIES WHILE MOVING WEST SOUTHWESTWARD.

# Location of Center (10:00 PM)

The center of Tropical Storm MAN-YI was estimated based on all available data at 1,705 km East of Eastern Visayas (OUTSIDE PAR) (11.8°N, 141.1°E).

#### Intensity

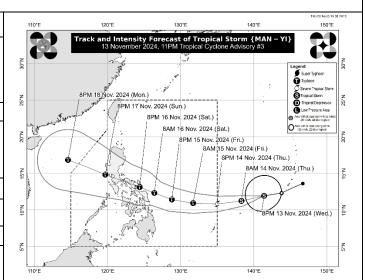
Maximum sustained winds of 75 km/h near the center, gustiness of up to 90 km/h, and central pressure of 998 hPa

#### **Present Movement**

West southwestward at 30 km/h

**Extent of Tropical Cyclone Winds** 

Strong to gale-force winds extend outwards up to 300 km from the center



#### TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	dir. and speed (km/h)
12-Hour Forecast						
8:00 AM	11.2	138.3	1,370 km East of Eastern Visayas (OUTSIDE PAR)	85	TS	WSW 30
14 November 2024						
24-Hour Forecast						
8:00 PM	10.8	135.0	1,010 km East of Eastern Visayas	100	STS	W 30
14 November 2024						
36-Hour Forecast						
8:00 AM	10.9	131.7	650 km East of Guiuan, Eastern Samar	120	TY	W 30
15 November 2024						
48-Hour Forecast						
8:00 PM	11.4	128.8	335 km East of Guiuan, Eastern Samar	140	TY	W 25
15 November 2024						
60-Hour Forecast						
8:00 AM	12.3	126.4	195 km East of Catarman, Northern Samar	155	TY	WNW 25
16 November 2024						
72-Hour Forecast						
8:00 PM	13.1	124.4	Over the coastal waters of Prieto Diaz, Sorsogon	165	TY	WNW 20
16 November 2024						
96-Hour Forecast						
8:00 PM	14.8	119.7	Over the coastal waters of San Antonio, Zambales	120	TY	WNW 25
17 November 2024						
120-Hour Forecast			615 km West of Bacnotan, La Union (OUTSIDE			
8:00 PM	16.8	114.6	PAR)	110	TY	WNW 25
18 November 2024			17119			

Prepared by: PCDM

Checked by: BJNE

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Weather and Flood Forecasting Center Senator Miriam P. Defensor-Santiago Avenue Brgy. Central, Quezon City 1100, Philippines Tel. No.: (+632) 8284-0800 ext. 4800 Website: https://bagong.pagasa.dost.gov.ph



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Management System ISO 9001:2015 TÜVRheinland CERTIFIED





# TROPICAL CYCLONE ADVISORY NR. 3 **Tropical Storm MAN-YI**

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#### GENERAL OUTLOOK FOR THE FORECAST PERIOD

- Due to the high pressure area over the south of Japan, MAN-YI is forecast to move southwestward over the next 12 hours before turning generally westward while approaching the eastern boundary of the Philippine Area of Responsibility (PAR). MAN-YI may enter the PAR region by tomorrow (14 November) evening as "PEPITO".
- Within the PAR region, the tropical cyclone will move generally westward from tomorrow until Friday (15 November), before turning west northwestward from Saturday (16 November) through the rest of the forecast period. On the track forecast, PEPITO may make landfall over the eastern coast of Southern Luzon during the weekend (16 or 17 November). It must be emphasized that the track may still shift within the limit of the forecast confidence cone, especially on the 4th and 5th day of the forecast track. Therefore, the landfall point may also shift within the range of the forecast confidence cone from the eastern coast of Central Luzon to the eastern coast of Eastern Visayas.
- MAN-YI is forecast to intensify into a severe tropical storm tomorrow afternoon or evening and may reach typhoon category by tomorrow evening or Friday early morning. The possibility of rapid intensification is not ruled out. Since this tropical cyclone may reach typhoon category while over the Philippine Sea, the possibility for MAN-YI to reach super typhoon category prior to landfall is also not ruled out. Regardless, MAN-YI may make landfall at peak intensity.
- Although it is too early to exactly determine the specific areas to be affected by certain hazards and due to the shifting track forecast of MAN-YI, most areas in Luzon are at risk of heavy rainfall, severe wind, and, possibly, storm surge inundation from MAN-YI which may cause considerable impacts. Regardless of the position of the landfall point, it must be emphasized that hazards on land and coastal waters may still be experienced in areas outside the landfall point or forecast confidence cone.
- This tropical cyclone may bring potentially risky or hazardous sea conditions (at least moderate to rough or worse) over the eastern seaboard of the country beginning on late Friday or on Saturday.

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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