



TROPICAL CYCLONE BULLETIN NR. 4
Typhoon PEPITO (MAN-YI)

Issued at 5:00 PM, 15 November 2024

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

MORE AREAS ARE NOW UNDER WIND SIGNALS AS TYPHOON PEPITO CONTINUES TO RAPIDLY INTENSIFY.

Location of Center (4:00 PM)	
The center of the eye of Typhoon PEPITO was estimated based on all available data at 465 km East of Guiuan, Eastern Samar (11.1°N, 130.0°E).	
Intensity	
Maximum sustained winds of 150 km/h near the center, gustiness of up to 185 km/h , and central pressure of 965 hPa	
Present Movement	
West northwestward at 30 km/h	
Extent of Tropical Cyclone Winds	
Strong to typhoon-force winds extend outwards up to 440 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 AM 16 November 2024	11.9	127.9	270 km East of Borongan City, Eastern Samar	155	TY	WNW 25
24-Hour Forecast 2:00 PM 16 November 2024	13.0	125.8	140 km East Northeast of Catarman, Northern Samar	175	TY	WNW 20
36-Hour Forecast 2:00 AM 17 November 2024	14.1	123.8	Over the coastal waters of Caramoan, Camarines Sur	175	TY	WNW 20
48-Hour Forecast 2:00 PM 17 November 2024	15.3	121.8	Over the coastal waters of Panukulan, Quezon	165	TY	WNW 20
60-Hour Forecast 2:00 AM 18 November 2024	17.0	119.1	140 km West Northwest of Bacnotan, La Union	130	TY	WNW 30
72-Hour Forecast 2:00 PM 18 November 2024	18.0	117.2	355 km West of Batac, Ilocos Norte (OUTSIDE PAR)	110	STS	WNW 20
96-Hour Forecast 2:00 PM 19 November 2024	18.1	113.5	745 km West of Batac, Ilocos Norte (OUTSIDE PAR)	100	STS	W 15
120-Hour Forecast 2:00 PM 20 November 2024	17.0	111.1	990 km West of Northern Luzon (OUTSIDE PAR)	85	TS	WSW 10

Prepared by: RPG

Checked by: CFP

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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
2 Wind threat: Gale-force winds	-	The eastern portion of Northern Samar (Mapanas, Gamay, Palapag, Lapinig, Silvino Lobos, Laoang, Catubig, Las Navas, Pambujan, Mondragon, San Roque, Catarman, Lope de Vega), the northern portion of Eastern Samar (Arteche, Oras, San Policarpo, Dolores, Jipapad, Maslog, Can-Avid), and the northeastern portion of Samar (San Jose de Buan, Matuguinao)	-
	Warning lead time: 24 hours Range of wind speeds: 62 to 88 km/h (Beaufort 8 to 9) Potential impacts of winds: Minor to moderate threat to life and property		
1 Wind threat: Strong winds	Aurora, Quezon, the eastern portion of Laguna (Santa Maria, Famy, Siniloan, Pangil, Mabitac, Pakil, Paete, Kalayaan, Lumban, Cavinti, Luisiana, Pagsanjan, Santa Cruz, Magdalena, Majayjay, Liliw, Nagcarlan, San Pablo City, Rizal), Marinduque, Camarines Norte, Camarines Sur, Catanduanes, Albay, Sorsogon, and Masbate	The rest of Northern Samar, the rest of Eastern Samar, the rest of Samar, and Biliran	-
	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. 38 issued at 5PM today for three-day heavy rainfall outlook associated with “PEPITO”</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"> • Minor to moderate impacts from strong winds are possible within any of the areas under Wind Signal No. 2. • 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 PEPITO is Wind Signal No. 5.</p> <p><u>Coastal Inundation</u></p> <p>There is a moderate to high risk of life-threatening storm surge with peak heights reaching 3.0 m above mean sea level in the next 48 hours over the low-lying or exposed coastal localities of Aurora, Quezon, southeastern Batangas, northwestern Romblon, Marinduque, Bicol Region, Northern Samar, Eastern Samar, Samar, and Biliran. Refer to Storm Surge Warning No. 3 issued at 2:00 PM today for the details.</p>

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HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the eastern seaboard of Visayas. Refer to Gale Warning No. 8 issued at 5:00 PM today for the details.

24-Hour Sea Condition Outlook

Up to very rough or high seas over the following coastal waters:

- **Up to 8.0 m:** The eastern seaboard of Catanduanes, Albay, Sorsogon, and Eastern Samar; the northern and eastern seaboards of Northern Samar.
- **Up to 5.5 m:** The remaining seaboard of Catanduanes; the eastern seaboard of Camarines Sur.
- **Up to 4.5 m:** The northern seaboard of Camarines Sur.
- **Sea travel is risky for 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 eastern seaboard of Dinagat Islands
- **Up to 3.5 m:** The seaboard of Surigao del Sur and Siargao Islands
- **Up to 3.0 m:** The seaboards of Batanes, Isabela, Aurora, and northern mainland Quezon; the northern and eastern seaboards of Polillo Islands; the eastern seaboard of mainland Cagayan and Davao Oriental; the remaining seaboard of Northern Samar.
- **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 Eastern Samar and Cagayan including Babuyan Islands, the northern seaboard of Dinagat Islands; the eastern seaboard of Leyte; the southern seaboard of Samar.
- **Up to 2.0 m:** The remaining seaboards of Camarines Sur, Albay, Sorsogon, Dinagat Islands, and Surigao del Norte including the rest of Siargao Islands; the northern seaboard of Ilocos Norte, Masbate including Ticao and Burias Islands, and Leyte; the seaboards of Samar and Biliran; the eastern seaboard of Southern Leyte and Quezon including the rest of Polillo 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.**


TRACK AND INTENSITY OUTLOOK

- PEPITO is forecast to move generally west northwestward within the next five days. On the track forecast, PEPITO is more likely to make landfall in the vicinity of Catanduanes tomorrow (16 November) evening or on Sunday (17 November) early morning. However, considering the limits of the forecast confidence cone, a landfall scenario over the eastern coast of Camarines Sur, Albay, or Sorsogon during the same time frame, over the eastern coast of Northern Samar tomorrow afternoon or evening, or along the eastern coast of Quezon or Aurora on Sunday afternoon or evening remains not ruled out.
- Regardless of the landfall point, PEPITO will more likely move generally west northwestward over the weekend and pass over or near the landmass of Bicol Region, Quezon, Central Luzon provinces, and Pangasinan before emerging over the West Philippine Sea on Sunday evening or Monday (18 November) morning.
- **It must be emphasized that heavy rainfall, severe winds, and storm surge may still be experienced in localities outside the landfall point and the forecast confidence cone. Refer to "Other Hazards affecting Land Areas" for more details. Furthermore, the track may still shift within the limit of the forecast confidence cone.**
- PEPITO will continue to rapidly intensify today through tomorrow and may reach super typhoon category prior to its landfall tomorrow evening or on Sunday early morning. Although a slight weakening may occur after its initial passage over land, much of the weakening will occur on Sunday as PEPITO passes over landmass of Central Luzon. Nevertheless, it will traverse the country as a typhoon and will likely be downgraded into a severe tropical storm once it is over the West Philippine Sea on Monday.

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 PM today.

DOST-PAGASA

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