



TROPICAL CYCLONE BULLETIN NR. 12
Super Typhoon PEPITO (MAN-YI)

Issued at 8:00 PM, 16 November 2024

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

SUPER TYPHOON “PEPITO” IS ABOUT TO MAKE LANDFALL ALONG THE EASTERN COAST OF CATANDUANES

Location of Center (7:00 PM)	
The center of the eye of Super Typhoon PEPITO was estimated based on all available data including from Guiuan, Laoang, Masbate, Daet, and Baler Weather over the coastal waters of Gigmoto, Catanduanes (13.8 °N, 124.8 °E).	
Intensity	
Maximum sustained winds of 195 km/h near the center, gustiness of up to 240 km/h , and central pressure of 920 hPa	
Present Movement	
Northwestward at 20 km/h	
Extent of Tropical Cyclone Winds	
Strong to typhoon-force winds extend outwards up to 300 km from the center	

TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 5:00 AM 17 November 2024	14.7	123.2	Over the coastal waters of Calaguas Is., Vinzons, Camarines Norte	205	STY	WNW 20
24-Hour Forecast 5:00 PM 17 November 2024	16.0	121.1	In the vicinity of Carranglan, Nueva Ecija	185	STY	WNW 20
36-Hour Forecast 5:00 AM 18 November 2024	17.7	118.6	200 km West of Sinait, Ilocos Sur	130	TY	NW 25
48-Hour Forecast 5:00 PM 18 November 2024	18.6	116.4	440 km West of Laoag City, Ilocos Norte (OUTSIDE PAR)	110	STS	WNW 20
60-Hour Forecast 5:00 AM 19 November 2024	18.5	114.5	640 km West of Laoag City, Ilocos Norte (OUTSIDE PAR)	85	TS	W 15
72-Hour Forecast 5:00 PM 19 November 2024	18.2	112.9	810 km West of Northern Luzon (OUTSIDE PAR)	65	TS	W 15
96-Hour Forecast 5:00 PM 20 November 2024	17.6	110.9	1,015 km West of Northern Luzon (OUTSIDE PAR)	-	LOW	WSW 10

Prepared by: **RPG**

Checked by: **MAGGE**

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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
5 Wind threat: Typhoon-force winds	Catanduanes and the northeastern portion of Camarines Sur (Caramoan, Garchitorena, Lagonoy, Presentacion)	-	-
	Warning lead time: 12 hours Range of wind speeds: 185 km/h or higher (Beaufort 12) Potential impacts of winds: Extreme threat to life and property		
4 Wind threat: Typhoon-force winds	Camarines Norte, the northern and southeastern portions of Camarines Sur (Siruma, Tinambac, Goa, San Jose, Tigaon, Sagñay, Calabanga), and the northeastern portion of Albay (City of Tabaco, Tiwi, Malinao, Malilipot, Bacacay, Rapu-Rapu)	-	-
	Warning lead time: 12 hours Range of wind speeds: 118 to 184 km/h (Beaufort 12) Potential impacts of winds: Significant to severe threat to life and property		
3 Wind threat: Storm-force winds	Aurora, Polillo Islands, the northern and eastern portions of mainland Quezon (Calauag, Guinayangan, Tagkawayan, Buenavista, Lopez, Quezon, Perez, Alabat, Gumaca, Plaridel, Atimonan, Real, General Nakar, Infanta, Mauban, Sampaloc), the eastern portion of Rizal (Tanay, Piliilla), the northeastern portion of Laguna (Santa Maria, Famy, Mabitac, Pakil, Pangil, Siniloan, Paete, Kalayaan, Lumban, Cavinti), the rest of Camarines Sur, the rest of Albay, and the northern portion of Sorsogon (Prieto Diaz, City of Sorsogon, Gubat, Barcelona, Castilla, Casiguran, Pilar, Donsol)	-	-
	Warning lead time: 18 hours Range of wind speeds: 89 to 117 km/h (Beaufort 10 to 11) Potential impacts of winds: Moderate to significant threat to life and property		
2 Wind threat: Gale-force winds	Isabela, Quirino, Nueva Vizcaya, Abra, Kalinga, Mountain Province, Ifugao, Benguet, Ilocos Sur, La Union, Pangasinan, Nueva Ecija, Bulacan, Tarlac, Pampanga, Zambales, Bataan, Metro Manila, the rest of Rizal the rest of Laguna, Cavite, the rest of Quezon, Marinduque, Burias Island, Ticao Island, and the rest of Sorsogon	Northern Samar, the northern portion of Samar (Matuguinao, Calbayog City, Santa Margarita, San Jorge, San Jose de Buan, Gandara), and the northern portion of Eastern Samar (Dolores, Maslog, Jipapad, Arteche, Oras, San Policarpo)	-
	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		

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1 Wind threat: Strong winds	<p>Mainland Cagayan, Apayao, Ilocos Norte, Batangas, the northern portion of Occidental Mindoro (Sablayan, Santa Cruz, Mamburao, Abra de Ilog, Paluan) including Lubang Islands, the northern portion of Oriental Mindoro (Puerto Galera, San Teodoro, Naujan, Baco, Victoria, Socorro, Pinamalayan, Bansud, Gloria, Pola, City of Calapan, Bongabong, Roxas, Mansalay), Romblon, and the rest of Masbate</p>	<p>The rest of Eastern Samar, the rest of Samar, Biliran, the northern and central portions of Leyte (Tunga, Pastrana, San Miguel, Matag-Ob, Tolosa, Palo, Calubian, Leyte, Mayorga, Julita, Carigara, Babatngon, Dagami, Jaro, San Isidro, Santa Fe, Albuera, Villaba, La Paz, Palompon, Tabontabon, Tanauan, Merida, Ormoc City, Isabel, Dulag, Capoocan, Alangalang, Burauen, Tabango, Tacloban City, Kananga, Barugo), the northernmost portion of Cebu (Daanbantayan, Medellin) including Bantayan Islands, and the northernmost portion of Iloilo (Carles)</p>	-
	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

Heavy Rainfall Outlook

Refer to Weather Advisory No. 46 issued at 8:00 PM today for the three-day heavy rainfall outlook associated with “PEPITO”.

Severe Winds

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.

- **Extreme impacts** from typhoon-force winds are possible within any of the areas under Wind Signal No. 5.
- **Significant to severe impacts** from typhoon-force winds are possible within any of the areas under Wind Signal No. 4.
- **Moderate to significant impacts** from storm-force winds are possible within any of the areas under Wind Signal No. 3.
- **Minor to moderate impacts** from gale-force 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.

Coastal Inundation

There is a **high risk of life-threatening storm surge with peak surge heights exceeding 3.0 m** in the next 48 hours over the low-lying or exposed coastal localities of Ilocos Region (western coast), Isabela, Central Luzon, Metro Manila, CALABARZON, Marinduque, Bicol Region, Northern Samar, Samar, and Eastern Samar. **Refer to Storm Surge Warning No. 8 issued at 8:00 PM today for the details.**

HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the eastern and southern seaboard of Luzon and the eastern seaboard of Visayas. Refer to Gale Warning No. 11 issued at 5:00 PM today for the details.

24-Hour Sea Condition Outlook

Note: These are forecast sea condition over the coastal waters and **not related to storm surge heights or inundation.**

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

- **Up to 14.0 m:** The northern and eastern seaboard of Catanduanes.
- **Up to 12.0 m:** The northern seaboard of Camarines Norte; the seaboard of Camarines Norte and Aurora
- **Up to 10.0 m:** The northern and eastern seaboard of Polillo Islands
- **Up to 9.0 m:** The seaboard of northern Quezon; the northern and eastern seaboard of Northern Samar.
- **Up to 7.0 m:** The seaboard of Isabela; the remaining seaboard of Catanduanes; the eastern seaboard of Camarines Sur, Albay, and Sorsogon.
- **Up to 5.0 m:** The eastern seaboard of mainland Cagayan and Eastern Samar
- **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.**

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Up to rough seas over the following coastal waters:

- **Up to 4.0 m:** The eastern seaboard of Quezon including the rest of Polillo Islands
- **Up to 3.5 m:** The seaboards of Batanes and Babuyan Islands.
- **Up to 3.0 m:** The seaboards of Pangasinan, La Union, Marinduque, and Romblon; the remaining seaboards of Quezon, Northern Samar, and Bicol Region; the eastern seaboard of Oriental Mindoro
- **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 seaboards of Zambales; the western seaboard of Bataan; the eastern seaboard of Dinagat Islands; the remaining seaboard of Ilocos Region.
- **Up to 2.0 m:** The seaboards of Metro Manila, Aklan, Antique, Samar, Biliran, northeastern Iloilo, northern Negros Occidental, and northern Cebu including Bantayan Islands; the northern and eastern seaboards of Leyte; the eastern seaboards of Southern Leyte, Surigao del Sur, Davao Oriental; the northern and western seaboards of Dinagat Islands; the remaining seaboards of Bataan and CALABARZON; the northern seaboards of Occidental Mindoro including Lubang Islands and Oriental Mindoro.
- **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 and make **landfall over the northern or central portion of Catanduanes between 8:00 PM and 10:00 PM tonight.**
- After passing over or close to Catanduanes, PEPITO will continue moving west northwestward over the waters north of Camarines Provinces (with a landfall or close approach over Calaguas Islands not ruled out) until tomorrow (17 November) early morning, pass close or over pass Polillo Islands between tomorrow morning and noon, before making landfall over northern Quezon or central or southern Aurora between tomorrow noon and afternoon. Afterwards, PEPITO will cross the northern portion of Central Luzon and the southern portion of Northern Luzon along the upland areas of Sierra Madre, Caraballo, and Cordillera Central between tomorrow afternoon and evening. PEPITO will emerge over the coastal waters of Pangasinan or La Union tomorrow late evening or on Monday (18 November) early morning.
- Over the West Philippine Sea, PEPITO will continue moving west northwestward for the rest of Monday. It may exit the Philippine Area of Responsibility (PAR) on Monday morning or afternoon. Outside the PAR region, the tropical cyclone will turn more westward or west southwestward on Tuesday (18 November).
- **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 make landfall over Catanduanes as a super typhoon at or near peak intensity, and as a super typhoon or typhoon over Aurora.** Significant weakening will occur during the passage of PEPITO over mainland Luzon tomorrow, but it will likely remain as a typhoon throughout its passage over mainland Luzon.

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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