



TROPICAL CYCLONE BULLETIN NR. 13
Super Typhoon PEPITO (MAN-YI)

Issued at 11:00 PM, 16 November 2024

Valid for broadcast until the next bulletin at 2:00 AM tomorrow.

SUPER TYPHOON “PEPITO” HAS MADE LANDFALL ALONG THE EASTERN COAST OF CATANDUANES.

Location of Center (10:00 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 Radars in the vicinity of Panganiban, Catanduanes (13.9°N, 124.3°E).	
Intensity	
Maximum sustained winds of 195 km/h near the center, gustiness of up to 325 km/h , and central pressure of 920 hPa	
Present Movement	
West northwestward at 25 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		Location	Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)		MSW (km/h)	Cat.	
12-Hour Forecast 8:00 AM 17 November 2024	14.9	122.8	120 km East of Infanta, Quezon	195	STY	WNW 20
24-Hour Forecast 8:00 PM 17 November 2024	16.4	120.4	In the vicinity of Aringay, La Union	130	TY	WNW 25
36-Hour Forecast 8:00 AM 18 November 2024	17.9	118.1	250 km West of Sinit, Ilocos Sur	100	TY	NW 25
48-Hour Forecast 8:00 PM 18 November 2024	18.6	116.1	470 km West of Laoag City, Ilocos Norte (OUTSIDE PAR)	95	STS	WNW 20
60-Hour Forecast 8:00 AM 19 November 2024	18.5	114.0	690 km West of Laoag City, Ilocos Norte (OUTSIDE PAR)	85	TS	W 20
72-Hour Forecast 8:00 PM 19 November 2024	17.9	112.4	860 km West of Northern Luzon (OUTSIDE PAR)	65	TS	WSW 15
96-Hour Forecast 8:00 PM 20 November 2024	17.5	111.1	1,005 km West of Northern Luzon (OUTSIDE PAR)	-	LOW	WSW Slowly

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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	The northeastern portion of Albay (City of Tabaco, Tiwi, Malinao, Malilipot, Bacacay, Rapu-Rapu), the eastern portion of Camarines Sur (Siruma, Tinambac, Goa, San Jose, Tigaon, Sagñay, Calabanga), Camarines Norte, and Polillo Islands	-	-
	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	The northern portion of Sorsogon (Prieto Diaz, City of Sorsogon, Gubat, Barcelona, Castilla, Casiguran, Pilar, Donsol), the rest of Albay, the rest of Camarines Sur, the northeastern portion of Quezon (Calauag, Guinayangan, Tagkawayan, Buenavista, Lopez, Quezon, Perez, Alabat, Gumaca, Plaridel, Atimonan, Real, General Nakar, Infanta, Mauban, Sampaloc), the eastern portion of Laguna (Santa Maria, Famy, Mabitac, Pakil, Pangil, Siniloan, Paete, Kalayaan, Lumban, Cavinti), the eastern and central portions of Rizal (Pililla, Tanay, City of Antipolo, Rodriguez, Baras, San Mateo, Morong, Teresa), Aurora, the northern and eastern portions of Bulacan (Norzagaray, San Miguel, San Ildefonso, San Rafael, Doña Remedios Trinidad, Angat, City of San Jose del Monte), the northeastern portion of Pampanga (Candaba, Arayat, Magalang), the eastern portion of Tarlac (Concepcion, La Paz, Victoria, City of Tarlac, Pura, Ramos, Anao, San Manuel, Moncada, Gerona, Paniqui), Nueva Ecija, the eastern portion of Pangasinan (Umingan, Balungao, San Quintin, Natividad, Rosales, Santa Maria, Tayug, San Nicolas), Nueva Vizcaya, Quirino, and the southernmost portion of Isabela (San Agustin, Jones)	-	-
	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	The rest of Sorsogon, Ticao Island, Burias Island, Marinduque, the rest of Quezon, the rest of Laguna, the rest of Rizal, Cavite, the northern portion of Batangas (City of Tanauan, Santo Tomas, Talisay, Lipa City, Malvar, Balete, Mataasnakahoy, Laurel, Padre Garcia), Metro Manila, Bataan, Zambales, the rest of Tarlac, the rest of Pampanga, the rest of Bulacan, Kalinga, Abra, Mountain Province, Ifugao, Benguet, the southern portion of Apayao (Conner), Ilocos Sur, La Union, the rest of Pangasinan, the rest of Isabela, and the southwestern portion of Cagayan (Enrile, Tuao, Solana, Tuguegarao City, Piat)	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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<p>1</p> <p>Wind threat: Strong winds</p>	<p>The rest of Masbate, Romblon, the rest of Batangas, the rest of mainland Cagayan (Peñablanca, Iguig, Santo Niño, Lasam, Gattaran, Baggao, Amulung, Alcala, Lal-Lo, Allacapan, Santa Ana, Gonzaga, Santa Teresita, Buguey, Camalaniugan, Aparri, Ballesteros, Abulug, Pamplona, Claveria, Sanchez-Mira, Santa Praxedes, Rizal), the rest of Apayao, Ilocos Norte, the northern and central portions of Oriental Mindoro (Puerto Galera, San Teodoro, Naujan, Baco, Victoria, Socorro, Pinamalayan, Bansud, Gloria, Pola, City of Calapan, Bongabong, Roxas, Mansalay), and the northern and central portions of Occidental Mindoro (Sablayan, Santa Cruz, Mamburao, Abra de Ilog, Paluan) including Lubang Islands</p>	<p>The central portion of Samar (Santa Rita, Villareal, Zumarraga, Pinabacdao, Almagro, Talalora, Santo Niño, Calbiga, Daram, Basey, Tagapul-An, San Sebastian, Jiabong, City of Catbalogan, Motiong, Paranas, Hinabangan, Pagsanghan, Tarangnan), the central portion of Eastern Samar (Can-Avid, City of Borongan, Taft, Maydolong, Balangkayan, Sulat, San Julian), Biliran, the northern portion of Leyte (Tunga, Pastrana, San Miguel, Palo, Calubian, Leyte, Carigara, Babatngon, Jaro, San Isidro, Santa Fe, Villaba, Capoocan, Alangalang, Tabango, Tacloban City, Kananga, Barugo), the northernmost portion of Cebu (Daanbantayan, Medellin) including Bantayan Islands, and the northernmost portion of Iloilo (Carles)</p>	-
	<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</p>		

OTHER HAZARDS AFFECTING LAND AREAS

Heavy Rainfall Outlook

Refer to Weather Advisory No. 47 issued at 11:00 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.**

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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. 12A issued at 11:00 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.**

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 seaboard of Batanes and Babuyan Islands.
- **Up to 3.0 m:** The seaboard of Pangasinan, La Union, Marinduque, and Romblon; the remaining seaboard 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 seaboard 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 seaboard of Metro Manila, Aklan, Antique, Samar, Biliran, northeastern Iloilo, northern Negros Occidental, and northern Cebu including Bantayan Islands; the northern and eastern seaboard of Leyte; the eastern seaboard of Southern Leyte, Surigao del Sur, Davao Oriental; the northern and western seaboard of Dinagat Islands; the remaining seaboard of Bataan and CALABARZON; the northern seaboard 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 has made **landfall in the vicinity of Panganiban, Catanduanes at 9:40 PM today.**
- 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. It will then pass close or over 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 (19 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 either remain as a super typhoon or slightly weaken as a 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 2:00 AM tomorrow.

DOST-PAGASA

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