



TROPICAL CYCLONE BULLETIN NR. 17
Super Typhoon PEPITO (MAN-YI)

Issued at 11:00 AM, 17 November 2024

Valid for broadcast until the next bulletin at 2:00 PM today.

“PEPITO” MAINTAINS ITS STRENGTH AS IT CONTINUES TO THREATEN AURORA AND NORTHERN QUEZON.

<p>Location of Center (10:00 AM)</p> <p>The center of the eye of Super Typhoon PEPITO was estimated based on all available data including from Daet and Baler Weather Radars at 120 km East Southeast of Baler, Aurora (15.2°N, 122.6°E).</p> <p>Intensity</p> <p>Maximum sustained winds of 185 km/h near the center, gustiness of up to 230 km/h, and central pressure of 935 hPa</p> <p>Present Movement</p> <p>Northwestward at 20 km/h</p> <p>Extent of Tropical Cyclone Winds</p> <p>Strong to typhoon-force winds extend outwards up to 300 km from the center</p>	
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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 PM 17 November 2024	16.7	120.4	In the vicinity of San Juan, La Union	130	TY	NW 25
24-Hour Forecast 8:00 AM 18 November 2024	18.0	118.0	270 km West of Batac, Ilocos Norte	130	TY	WNW 25
36-Hour Forecast 8:00 PM 18 November 2024	18.6	115.9	490 km West of Laoag City, Ilocos Norte (OUTSIDE PAR)	110	STS	WNW 20
48-Hour Forecast 8:00 AM 19 November 2024	18.5	113.8	710 km West of Laoag City, Ilocos Norte (OUTSIDE PAR)	85	TS	W 20
60-Hour Forecast 8:00 PM 19 November 2024	17.9	112.0	895 km West of Northern Luzon (OUTSIDE PAR)	55	TD	WSW 15
72-Hour Forecast 8:00 AM 20 November 2024	17.6	110.8	1,025 km West of Northern Luzon (OUTSIDE PAR)	-	LOW	WSW 10

Prepared by: *PCDM*

Checked by: *RPG*

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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
5 Wind threat: Typhoon-force winds	The eastern portion of Polillo Islands (Burdeos, Patnanungan, Jomalig)	-	-
	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	Aurora, Quirino, Nueva Vizcaya, the southern portion of Ifugao (Kiangnan, Lamut, Tinoc, Asipulo, Lagawe), the southern portion of Benguet (Bokod, Itogon, Tuba, Baguio City, Kabayan, La Trinidad, Sablan, Tublay, Kapangan, Atok), the southern portion of La Union (Burgos, Naguilian, Bauang, Caba, Tubao, Pugo, Aringay, Santo Tomas, Rosario, Agoon, Bagulin, City of San Fernando), the eastern portion of Pangasinan (Sison, Tayug, Binalonan, San Manuel, Umingan, Asingan, San Quintin, Santa Maria, Natividad, San Nicolas, Balungao, Pozorrubio, Laoac, San Jacinto, San Fabian, Manaog, City of Urdaneta, Villasis, Rosales), the eastern portion of Nueva Ecija (General Tinio, Gabaldon, Laur, Bongabon, Palayan City, Pantabangan, Rizal, General Mamerto Natividad, Lupao, San Jose City, Llanera, Carranglan), the northern portion of Quezon (General Nakar, Infanta) including the rest of Polillo Islands, and Calaguas 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 southern portion of Isabela (San Agustin, Jones, Echague, San Guillermo, Angadanan, Alicia, San Mateo, Ramon, San Isidro, City of Santiago, Cordon, Dinapigue, Roxas, San Manuel, Aurora, Cabatuan, City of Cauayan, Luna), the rest of Ifugao, Mountain Province, the southern portion of Abra (Tubo, Luba, Pilar, Villaviciosa, San Isidro, Pidigan, Langiden, San Quintin), Ilocos Sur, the rest of Benguet, the rest of La Union, the rest of Pangasinan, the northern portion of Zambales (Santa Cruz, Candelaria, Masinloc, Palauig), Tarlac, the rest of Nueva Ecija, the northern portion of Pampanga (Candaba, Arayat, Magalang, San Luis, San Simon, Mexico, Santa Ana, Apalit, Santo Tomas, City of San Fernando, Mabalacat City, Angeles City), the northern portion of Bulacan (Norzagaray, San Miguel, San Idefonso, San Rafael, Doña Remedios Trinidad, Angat, City of San Jose del Monte, Santa Maria, Pandi, Baliuag, Bustos, Pulilan, Plaridel), the northern portion of Rizal (Pililla, Tanay, City of Antipolo, Rodriguez, Baras, San Mateo, Morong, Teresa), the eastern portion of Laguna (Santa Maria, Famy, Mabitac, Pakil, Pangil, Siniloan, Paete, Kalayaan, Lumban, Cavinti), the central and eastern portion of Quezon (Real, Perez, Calauag, Alabat, Quezon, Mauban, Sampaloc), and the western portion of Camarines Norte (Santa Elena, Labo, Capalonga, Paracale, Vinzons, San Vicente, Talisay, Daet, Jose Panganiban)	-	-
	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 Isabela, the southwestern portion of mainland Cagayan (Enrile, Tuao, Solana, Tuguegarao City, Piat, Rizal), Kalinga, the southern portion of Apayao (Conner, Kabugao), the rest of Abra, Ilocos Norte, the rest of Zambales, Bataan, the rest of Pampanga, the rest of Bulacan, Metro Manila, the rest of Rizal, Cavite, the rest of Laguna, the rest of Quezon, the rest of Camarines Norte, Camarines Sur, and the western portion of Catanduanes (Pandan, Caramoran, San Andres)	-	-
	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	The rest of mainland Cagayan, the rest of Apayao, Batangas, the northern portion of Occidental Mindoro (Abra de Ilog, Paluan) including Lubang Islands, the northern portion of Oriental Mindoro (Puerto Galera, San Teodoro, Naujan, Baco, Victoria, Socorro, Pinamalayan, Gloria, Pola, City of Calapan), the northern portion of Romblon (Cajidiocan, San Fernando, Magdiwang, Romblon, Banton, Corcuera, Concepcion, San Andres, Calatrava, San Agustin), Marinduque, the northern portion of Masbate (City of Masbate, Mobo, Aroroy, Baleno) including Burias and Ticao Islands, Albay, Sorsogon, and the rest of Catanduanes	-	-
	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. 51 issued at 11:00 AM today for the 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, and Bicol Region. Refer to Storm Surge Warning No. 10 issued at 8:00 AM today for the details.

HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the eastern and western seaboard of Luzon. Refer to Gale Warning No. 14A issued at 11:00 AM 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 Polillo Islands; the seaboard of Aurora
- **Up to 12.0 m:** The seaboard of Camarines Norte
- **Up to 9.0 m:** The seaboard of northern Quezon
- **Up to 8.0 m:** The seaboard of Isabela.
- **Up to 7.0 m:** The northern and eastern seaboard of Catanduanes; the northern seaboard of Camarines Sur
- **Up to 5.0 m:** The eastern seaboard of mainland Cagayan, Camarines Sur, and Albay; the remaining seaboard of Polillo Islands and Catanduanes.
- **Up to 4.5 m:** The seaboard of Sorsogon and Northern Samar; the eastern seaboard of Eastern Samar; the remaining seaboard of Camarines Sur, Albay, and Quezon; the seaboard of Ilocos Region, Masbate including Burias and Ticao Islands, and Marinduque
- **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 seaboards of Batanes, northern Cagayan including Babuyan Islands, and Zambales
- **Up to 3.0 m:** The seaboards of Romblon; the remaining seaboards of Zambales; 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 western seaboard of Bataan; the eastern seaboard of Dinagat Islands
- **Up to 2.0 m:** The seaboards of Metro Manila, Aklan, Antique, northeastern Iloilo, northern Negros Occidental, northern Cebu including Bantayan Islands, and Biliran; 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 will move generally west northwestward or northwestward and is forecast to make landfall in the vicinity of Aurora this afternoon. Afterwards, it will cross the northern portion of Central Luzon and the southern portion of Northern Luzon via the upland regions of the Sierra Madre, Caraballo, and Cordillera Central between this afternoon and evening. PEPITO is forecast to exit the landmass of Luzon tonight.
- Over the West Philippine Sea, PEPITO will continue moving generally west northwestward tomorrow (18 November). It may exit the PAR region tomorrow morning or noon. Outside the PAR region, the tropical cyclone will turn more westward or west southwestward on Tuesday (19 November) under the influence of an incoming northeasterly wind surge.
- **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 is forecast to slightly weaken as a typhoon prior to its second landfall. Significant weakening will occur during the passage of this tropical cyclone over mainland Luzon today. Further weakening will also occur as PEPITO moves over the West Philippine Sea due to the incoming northeasterly wind surge.

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 PM today.

DOST-PAGASA

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