



TROPICAL CYCLONE BULLETIN NR. 21

Typhoon PEPITO (MAN-YI)

Issued at 11:00 PM, 17 November 2024

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

“PEPITO” FURTHER WEAKENS AND IS NOW OVER THE COASTAL WATERS OF LA UNION AND PANGASINAN

Location of Center (10:00 PM)

The center of Typhoon PEPITO was estimated based on all available data **over the coastal waters of San Fernando, La Union (16.6°N, 120.2°E).**

Intensity

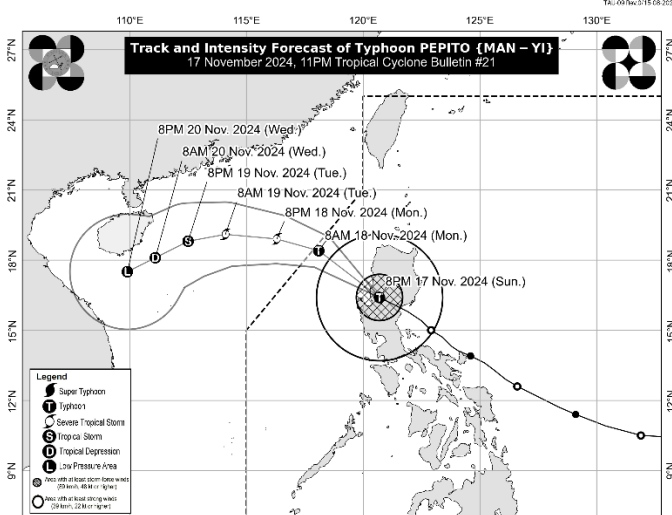
Maximum sustained winds of **155 km/h** near the center, gustiness of up to **255 km/h**, and central pressure of **950 hPa**

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			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 8:00 AM 18 November 2024	18.4	118.1	260 km West of Sinait, Ilocos Sur	130	TY	NW 30
24-Hour Forecast 8:00 PM 18 November 2024	18.9	116.3	455 km West of Laoag City, Ilocos Norte (OUTSIDE PAR)	110	STS	WNW 15
36-Hour Forecast 8:00 AM 19 November 2024	19.1	114.1	685 km West of Laoag City, Ilocos Norte (OUTSIDE PAR)	95	STS	W 20
48-Hour Forecast 8:00 PM 19 November 2024	18.8	112.5	845 km West of Northern Luzon (OUTSIDE PAR)	75	TS	WSW 15
60-Hour Forecast 8:00 AM 20 November 2024	18.1	111.1	1,000 km West of Northern Luzon (OUTSIDE PAR)	55	TD	WSW 15
72-Hour Forecast 8:00 PM 20 November 2024	17.5	109.9	1,130 km West of Northern Luzon (OUTSIDE PAR)	-	LOW	WSW 10



TROPICAL CYCLONE BULLETIN NR. 21

Typhoon PEPITO (MAN-YI)

Issued at 11:00 PM, 17 November 2024

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

TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
4 Wind threat: Typhoon-force winds	The southern portion of Ilocos Sur (Alilem, Sugpon, Suyo, Santa Cruz, Tagudin, City of Candon, Santa Lucia, Salcedo, Galimuyod, Cervantes, Sigay), La Union, the northern portion of Pangasinan (Sison, Tayug, Binalonan, San Manuel, Asingan, San Quintin, Santa Maria, Natividad, San Nicolas, Balungao, Pozorrubio, Laoac, San Jacinto, San Fabian, Manaoag, City of Urdaneta, Rosales, Umingan, Mangaldan, Mapandan, Villasis, Santo Tomas, Dagupan City, Anda, Bolinao, Bani, City of Alaminos, Lingayen, Binmaley, Sual, Labrador), Benguet, the southwestern portion of Ifugao (Tinoc, Asipulo), the western portion of Nueva Vizcaya (Bayombong, Ambaguio, Villaverde, Kayapa, Santa Fe, Aritao, Bambang, Solano), and the northern portion of Nueva Ecija (Lupao, Carranglan)	-	-
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 rest of Ilocos Sur, the rest of Pangasinan, the southern portion of Abra (Tubo, Luba, Pilar, Villaviciosa, San Isidro, Pidigan, Langiden, San Quintin, Bangued, Manabo, Boliney, Peñarrubia, Bucloc, Sallapadan, Bucay), the southern portion of Kalinga (Pasil, Tanudan, Lubuagan, Tinglayan), Mountain Province, the rest of Ifugao, the southern portion of Isabela (Ramon, City of Santiago, Cordon, San Agustin, Jones, Echague, San Isidro, San Mateo, Alicia), Quirino, the rest of Nueva Vizcaya, the northern portion of Tarlac (Paniqui, La Paz, Moncada, City of Tarlac, Gerona, Pura, San Clemente, Santa Ignacia, Victoria, Camiling, Ramos, San Manuel, Anao), the central portion of Nueva Ecija (Talavera, Santo Domingo, Zaragoza, Guimba, Aliaga, Cabanatuan City, Quezon, Santa Rosa, Nampicuan, Licab, Palayan City, General Mamerto Natividad, Laur, San Jose City, Pantabangan, Science City of Muñoz, Rizal, Llanera, Bongabon, Talugtug, Cuyapo), and the central portion of Aurora (Maria Aurora, Dipaculao, Baler, Dinalungan)	-	-
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	Ilocos Norte, the southern portion of Apayao (Conner, Kabugao), the rest of Abra, the rest of Kalinga, the southwestern portion of Cagayan (Enrile, Tuao, Solana, Tuguegarao City, Piat, Rizal), the western, central, and southern portions of Isabela (Santo Tomas, Aurora, Santa Maria, Quezon, San Mariano, Naguilian, Dinapigue, Roxas, San Guillermo, Luna, Delfin Albano, City of Cauayan, Ilagan City, Angadanan, Benito Soliven, Tumauini, Cabagan, Reina Mercedes, San Manuel, Cabatuan, Quirino, Gamu, Mallig, Burgos), the rest of Aurora, Zambales, the rest of Tarlac, the rest of Nueva Ecija, Pampanga, and the northern portion of Bulacan (San Ildefonso, San Miguel, Doña Remedios Trinidad, San Rafael, Baliuag, Pulilan, Calumpit)	-	-
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	The rest of mainland Cagayan, the rest of Isabela, the rest of Apayao, Bataan, the rest of Bulacan, Metro Manila, Rizal, Cavite, Laguna, the northern portion of Quezon (Infanta, Lucban, Sampaloc, Dolores, General Nakar, Real, Mauban) including Polillo Islands, and the northern portion of Batangas (Calaca, Lian, Tuy, Balayan, Talisay, Agoncillo, Santo Tomas, Lemery, City of Tanauan, Mataasnakahoy, Balete, Nasugbu, San Nicolas, Laurel, Malvar)	-	-
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			



TROPICAL CYCLONE BULLETIN NR. 21

Typhoon PEPITO (MAN-YI)

Issued at 11:00 PM, 17 November 2024

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

OTHER HAZARDS AFFECTING LAND AREAS

Heavy Rainfall Outlook

Refer to Weather Advisory No. 55 issued at 11:00 PM 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.

- **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, southeastern mainland Cagayan, Isabela, Central Luzon, Metro Manila, Cavite, Quezon (eastern coast) including Polillo Islands, and Camarines Norte. **Refer to Storm Surge Warning No. 12 issued at 8:00 PM today for the details.**

HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the eastern seaboard of Luzon and the western seaboard of Northern and Central Luzon. Refer to Gale Warning No. 15 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 or high seas over the following coastal waters:

- **Up to 7.0 m:** The seaboard of Aurora and Isabela
- **Up to 5.5 m:** The eastern seaboard of mainland Cagayan; the seaboard of Ilocos Norte and Ilocos Sur
- **Up to 5.0 m:** The seaboard of northern mainland Quezon; the northern and eastern seaboard of Polillo Islands
- **Up to 4.5 m:** The seaboard of La Union and Pangasinan
- **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 seaboard of Babuyan Islands; the remaining seaboard of mainland Cagayan
- **Up to 3.5 m:** The northern seaboard of Camarines Norte; the seaboard of Batanes
- **Up to 3.0 m:** The western seaboard of Zambales; the northern and eastern seaboard of Catanduanes; the northern seaboard of Camarines Sur.
- **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 eastern seaboard of Quezon including the rest of Polillo Islands; the remaining seaboard of Catanduanes; the northern and eastern seaboard of Northern Samar; the eastern seaboard of Albay; the western seaboard of Bataan.
- **Up to 2.0 m:** The western seaboard of Lubang Islands, Batangas, and Occidental Mindoro; the eastern seaboard of Camarines Sur, Sorsogon, Eastern Samar and Dinagat Islands; the northern and western seaboard of Calamian 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.**



TROPICAL CYCLONE BULLETIN NR. 21

Typhoon PEPITO (MAN-YI)

Issued at 11:00 PM, 17 November 2024

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

TRACK AND INTENSITY OUTLOOK

- Typhoon PEPITO has now exited the landmass of Luzon but is still near the coast of La Union and Pangasinan.
- Over the West Philippine Sea, PEPITO will continue moving generally west northwestward tomorrow. 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. Further weakening will also occur as PEPITO moves over the West Philippine Sea due to the same surge creating unfavorable environment.
- **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.**

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

Prepared by: 
PCDM

Checked by: 
RPG

"tracking the sky...helping the country."