



## TROPICAL CYCLONE BULLETIN NR. 19

### Super Typhoon PEPITO (MAN-YI)

Issued at 5:00 PM, 17 November 2024

Valid for broadcast until the next bulletin at 8:00 PM today.

#### **SUPER TYPHOON “PEPITO” HAS MADE ITS SECOND LANDFALL IN THE VICINITY OF DIPACULAO, AURORA AND IS NOW OVER QUIRINO PROVINCE**

##### **Location of Center (4:00 PM)**

The center of the eye of Super Typhoon PEPITO was estimated based on all available data including from Baler Weather Radar in the vicinity of Nagtipunan, Quirino (16.1°N, 121.5°E).

##### **Intensity**

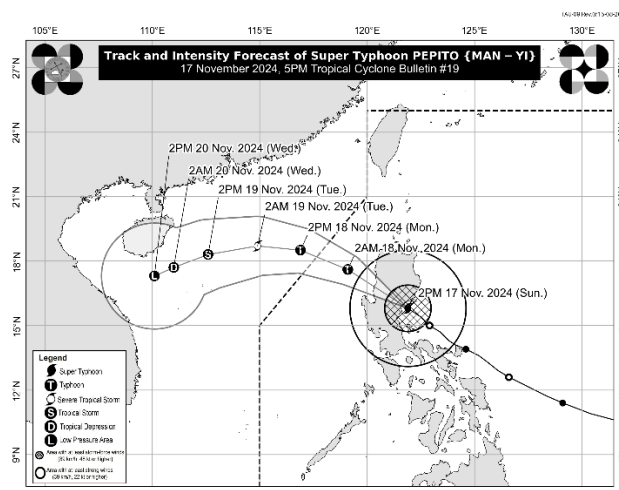
Maximum sustained winds of **185 km/h** near the center, gustiness of up to **305 km/h**, and central pressure of **935 hPa**

##### **Present Movement**

**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.	
<b>12-Hour Forecast</b> 2:00 AM 17 November 2024	17.6	119.1	150 km West Southwest of Sinait, Ilocos Sur	130	TY	NW 30
<b>24-Hour Forecast</b> 2:00 PM 18 November 2024	18.5	116.9	385 km West of Laoag City, Ilocos Norte (OUTSIDE PAR)	120	TY	WNW 20
<b>36-Hour Forecast</b> 2:00 AM 18 November 2024	18.7	114.9	600 km West of Laoag City, Ilocos Norte (OUTSIDE PAR)	100	STS	W 20
<b>48-Hour Forecast</b> 2:00 PM 19 November 2024	18.3	112.6	840 km West of Northern Luzon(OUTSIDE PAR)	85	TS	W 20
<b>60-Hour Forecast</b> 2:00 AM 19 November 2024	17.7	111.0	1,005 km West of Northern Luzon (OUTSIDE PAR)	55	TD	WSW 15
<b>72-Hour Forecast</b> 2:00 PM 20 November 2024	17.3	110.1	1,095 km West of Northern Luzon (OUTSIDE PAR)	-	LOW	WSW 10



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
<b>5</b> Wind threat: <b>Typhoon- force winds</b>	<b>The central portion of Aurora</b> (Dipaculao, Baler, Dinalungan, Maria Aurora, Casiguran, San Luis), <b>the southern portion of Quirino</b> (Nagtipunan), <b>and the southern portion of Nueva Vizcaya</b> (Alfonso Castañeda, Dupax del Norte, Dupax del Sur, Kasibu, Aritao, Bambang)  Warning lead time: <b>12 hours</b> Range of wind speeds: <b>185 km/h or higher (Beaufort 12)</b> Potential impacts of winds: <b>Extreme threat to life and property</b>	-	-
<b>4</b> Wind threat: <b>Typhoon- force winds</b>	<b>The rest of Aurora, the rest of Nueva Vizcaya, the rest of Quirino, the southern portion of Ifugao</b> (Kiangnan, Lamut, Tinoc, Asipulo, Lagawe), <b>Benguet, the southern portion of Ilocos Sur</b> (Alilem, Sugpon, Suyo, Santa Cruz, Tagudin), <b>La Union, the eastern portion of Pangasinan</b> (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), <b>and the northern portion of Nueva Ecija</b> (Gabaldon, Laur, Bongabon, Pantabangan, Rizal, General Mamerto Natividad, Lupao, San Jose City, Llanera, Carranglan, Science City of Muñoz, Talugtug, Cuyapo).  Warning lead time: <b>12 hours</b> Range of wind speeds: <b>118 to 184 km/h (Beaufort 12)</b> Potential impacts of winds: <b>Significant to severe threat to life and property</b>	-	-
<b>3</b> Wind threat: <b>Storm-force winds</b>	<b>The southern portion of Isabela</b> (San Agustin, Jones, Echague, San Guillermo, Angadanan, Alicia, San Mateo, Ramon, San Isidro, City of Santiago, Cordon, Dinapigue, Roxas, Aurora, Cabatuan, City of Cauayan, Luna, San Mariano, Benito Soliven, Naguilian, Reina Mercedes, San Manuel, Burgos), <b>the rest of Ifugao, Mountain Province, the southern portion of Kalinga</b> (Pasil, Tanudan, Lubuagan, Tinglayan), <b>the southern portion of Abra</b> (Tubo, Luba, Pilar, Villaviciosa, San Isidro, Pidigan, Langiden, San Quintin, Bangued, Manabo, Boliney, Peñarrubia, Bucloc, Sallapadan, Bucay), <b>the rest of Ilocos Sur, the rest of Pangasinan, the northern and eastern portions of Tarlac</b> (Paniqui, La Paz, Moncada, City of Tarlac, Gerona, Pura, San Clemente, Santa Ignacia, Victoria, Camiling, Concepcion, Ramos, San Manuel, Anao), <b>the rest of Nueva Ecija, the northern portion of Bulacan</b> (Doña Remedios Trinidad, San Miguel), <b>and the northern portion of Quezon</b> (Infanta, General Nakar) <b>including Polillo Islands</b>  Warning lead time: <b>18 hours</b> Range of wind speeds: <b>89 to 117 km/h (Beaufort 10 to 11)</b> Potential impacts of winds: <b>Moderate to significant threat to life and property</b>	-	-
<b>2</b> Wind threat: <b>Gale-force winds</b>	<b>The rest of Isabela, the southwestern portion of mainland Cagayan</b> (Enrile, Tuao, Solana, Tuguegarao City, Piat, Rizal), <b>the rest of Kalinga, the southern portion of Apayao</b> (Conner, Kabugao), <b>the rest of Abra, Ilocos Norte, Zambales, the rest of Tarlac, the northern portion of Bataan</b> (Orani, Abucay, Hermosa, Samal, Dinalupihan), <b>Pampanga, the rest of Bulacan, Metro Manila, Rizal, the northeastern portion of Laguna</b> (Santa Cruz, Pila, Mabitac, Paete, Pagsanjan, Pangil, Santa Maria, Siniloan, Cavinti, Kalayaan, Lumban, Pakil, Famy), <b>and the central portion of Quezon</b> (Sampaloc, Mauban, Perez, Real)  Warning lead time: <b>24 hours</b> Range of wind speeds: <b>62 to 88 km/h (Beaufort 8 to 9)</b> Potential impacts of winds: <b>Minor to moderate threat to life and property</b>	-	-



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<b>1</b> Wind threat: <b>Strong winds</b>	<b>The rest of mainland Cagayan, the rest of Apayao, the rest of Bataan, Cavite, the rest of Laguna, Batangas, the rest of Quezon, 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, City of Calapan), Marinduque, Camarines Norte, and the northern portion of Camarines Sur (Libmanan, Tinambac, Siruma, Cabusao, Canaman, Magarao, Calabanga, Bombon, Sipocot, Ragay, Del Gallego, Lupi, Lagonoy, Goa, Garchitorena, Pasacao, Pamplona, Camaligan, Gainza)</b>	-	-
	Warning lead time: <b>36 hours</b> Range of wind speeds: <b>39 to 61 km/h (Beaufort 6 to 7)</b> Potential impacts of winds: <b>Minimal to minor threat to life and property</b>		

## OTHER HAZARDS AFFECTING LAND AREAS

### Heavy Rainfall Outlook

Refer to Weather Advisory No. 53 issued at 5:00 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.

- **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), southeastern mainland Cagayan, Isabela, Central Luzon, Metro Manila, Cavite, southeastern Batangas, and Quezon. Refer to Storm Surge Warning No. 11 issued at 2:00 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 9.0 m:** The seaboard of Aurora
- **Up to 8.0 m:** The seaboard of Isabela
- **Up to 6.0 m:** The eastern seaboard of mainland Cagayan
- **Up to 5.5 m:** The seaboard of La Union 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 Ilocos Norte 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.**



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#### Up to rough seas over the following coastal waters:

- **Up to 4.0 m:** The seaboard of Babuyan Islands
- **Up to 3.5 m:** The northern seaboard of Camarines Norte.
- **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 eastern seaboard of Camarines Sur, Albay, and Sorsogon; the northern and eastern seaboard of Northern Samar.
- **Up to 2.0 m:** The western seaboard of Bataan and Lubang Islands; the eastern seaboard of Eastern Samar and Dinagat 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

- After making landfall in the vicinity of **Dipaculao, Aurora at 3:20 PM today**, PEPITO 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 or tomorrow early morning (18 November). During this period, PEPITO will significantly weaken due to land interaction.
- 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 8:00 PM today.


DOST-PAGASA

Prepared by:  RPG

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

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Page 4 of 4

  
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