



TROPICAL CYCLONE BULLETIN NR. 4
Tropical Storm HELEN (PULASAN)

Issued at 5:00 PM, 18 September 2024

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

TROPICAL STORM "HELEN" IS ABOUT TO EXIT THE PHILIPPINE AREA OF RESPONSIBILITY

Location of Center (4:00 PM)

The center of Tropical Storm HELEN was estimated based on all available data at **930 km East Northeast of Extreme Northern Luzon (24.6°N, 129.9°E)**

Intensity

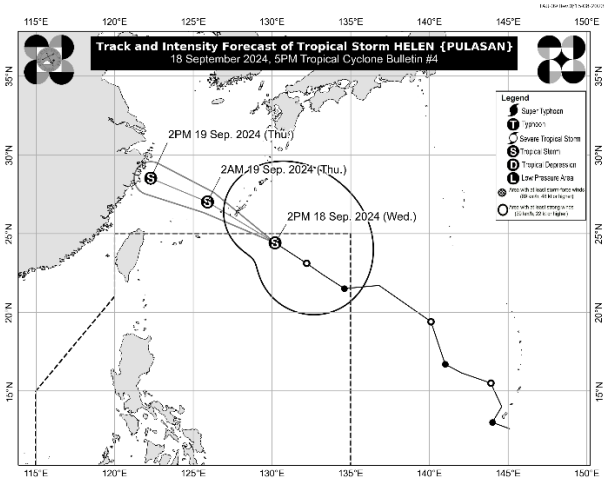
Maximum sustained winds of **85 km/h** near the center, gustiness of up to **105 km/h**, and central pressure of **994 hPa**

Present Movement

Northwestward at 40 km/h

Extent of Tropical Cyclone Winds

Strong to gale-force winds extend outwards up to **650 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 2:00 AM 19 September 2024	27.0	125.9	805 km North Northeast of Extreme Northern Luzon (OUTSIDE PAR)	85	TS	NW 45
24-Hour Forecast 2:00 PM 19 September 2024	28.5	122.3	860 km North of Extreme Northern Luzon (OUTSIDE PAR)	75	TS	WNW 35

TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT

No Tropical Cyclone Wind Signal is currently in effect.

OTHER HAZARDS AFFECTING LAND AREAS

Refer to Weather Advisory No. 33 issued at 5:00 PM today for the heavy rainfall outlook due to the Southwest Monsoon enhanced by GENER and HELEN.

Severe Winds

The Southwest Monsoon enhanced by GENER and HELEN will also bring strong to gale-force gusts over the following areas (especially in coastal and upland areas exposed to winds):

- **Today:** Zambales, Bataan, Pampanga, Bulacan, Metro Manila, CALABARZON, MIMAROPA, Bicol Region, Visayas, Zamboanga Peninsula, Northern Mindanao, Caraga, and Davao Region
- **Tomorrow (19 September):** Ilocos Region, Isabela, Aurora, Zambales, Bataan, Metro Manila, CALABARZON, MIMAROPA, Bicol Region, Western Visayas, Negros Island Region, and Zamboanga Peninsula
- **Friday (20 September):** Batanes, Ilocos Region, Abra, Benguet, Aurora, Zambales, Bataan, Cavite, Batangas, Quezon, Occidental Mindoro, Marinduque, Romblon, and Kalayaan Islands.

Prepared by: *RP* **RPG**

Checked by: *CF* **CFP**

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



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HAZARDS AFFECTING COASTAL WATERS

24-Hour Sea Condition Outlook

Gale Warning is in effect over several coastal waters in the western seaboard of Central Luzon, the seaboard of Occidental Mindoro, and the western seaboard of Palawan including Kalayaan Islands. For more information, refer to Gale Warning No. 8 issued at 5:00 PM today. **Sea travel in these waters is risky for small seacrafts, including all types of motorbancas.**

Up to rough seas over the following coastal waters outside Gale Warning areas:

- **1.5 to 3.5 m:** The seaboard of Batanes and Ilocos Region; the eastern seaboard of Palawan (including seaboard of Cuyo Islands); seaboard of Antique
- **1.0 to 3.0 m:** The northern and eastern seaboard of Cagayan Valley; the remaining western seaboard of Western Visayas; the western seaboard of Negros Island Region; the remaining seaboard of MIMAROPA
- **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 outside Gale Warning areas:

- **Up to 2.5 m:** The eastern seaboard of Bicol Region; the southern seaboard of southern Quezon; the seaboard of Cagayancillo Islands; the northern and eastern seaboard of Northern Samar; the eastern seaboard of Eastern Samar; the seaboard of Caraga Region; the eastern seaboard of Davao Oriental; the seaboard of Southern Leyte, the southern seaboard of Negros Island Region and Central Visayas; the seaboard of Zamboanga del Norte; the seaboard of Northern Mindanao.
- **Mariners of small seacrafts, including all types of motorbancas, are advised not to venture out to sea under these conditions.**

TRACK AND INTENSITY OUTLOOK

- HELEN is forecast to move northwestward for the entire forecast period and exit the PAR region in the next three hours. Throughout the forecast period, HELEN will remain far from the Philippine landmass and not directly affect any part of the country.
- HELEN is forecast to remain as a tropical storm and may gradually weaken over the East China Sea.

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

Prepared by:  RPG

Checked by:  CFP

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