



**TROPICAL CYCLONE BULLETIN NR. 5F**  
**Tropical Storm HELEN (PULASAN)**  
 Issued at 11:00 PM, 18 September 2024

**“HELEN” IS NOW OUTSIDE THE PHILIPPINE AREA OF RESPONSIBILITY (PAR) AND IS CROSSING OKINAWA ISLAND IN THE RYUKYU ARCHIPELAGO, JAPAN**

**Location of Center (10:00 PM)**

The center of Tropical Storm HELEN was estimated based on all available data at **915 km Northeast of Extreme Northern Luzon (OUTSIDE PAR) (26.6°N, 128.2°E)**

**Intensity**

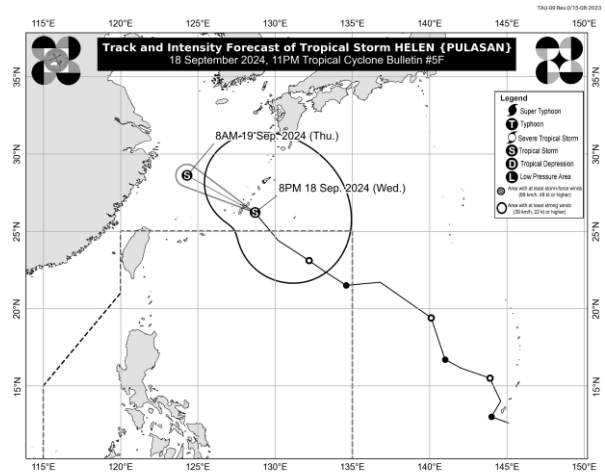
Maximum sustained winds of **85 km/h** near the center, gustiness of up to **105 km/h**, and central pressure of **998 hPa**

**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.	
<b>12-Hour Forecast</b> 8:00 AM 19 September 2024	28.6	124.3	905 km North Northeast of Extreme Northern Luzon (OUTSIDE PAR)	85	TS	WNW 40

**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. 34 issued at 11:00 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 continue to bring strong to gale-force gusts over the following areas (especially in coastal and upland areas exposed to winds):

- **Tonight and 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, Babuyan Islands Ilocos Region, Abra, Benguet, Aurora, Zambales, Bataan, Cavite, Batangas, Quezon, Occidental Mindoro, Marinduque, Romblon, and Kalayaan Islands.
- **Saturday (21 September):** Batanes, Babuyan Islands Ilocos Region, Abra, Benguet, and Zambales.

Prepared by: **RPG**

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


After making landfall in Kunigami, Okinawa, Japan at 10:20 PM tonight, HELEN will continue its fast northwestward or west northwestward movement over the East China until it makes landfall over mainland China tomorrow afternoon or evening as a tropical storm.

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.**

Unless re-entry occurs, this is the final bulletin. Succeeding updates for this tropical cyclone will be incorporated in the 24-Hour Public Weather Forecast issued at 4:00 AM and 4:00 PM daily.

**DOST-PAGASA**

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