



**TROPICAL CYCLONE BULLETIN NR. 1**  
**Tropical Depression QUERUBIN**

Issued at 5:00 PM, 17 December 2024

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

**THE LOW PRESSURE AREA OVER THE EAST OF MINDANAO HAS DEVELOPED INTO TROPICAL DEPRESSION "QUERUBIN".**

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

The center of Tropical Depression QUERUBIN was estimated based on all available data at **215 km East Southeast of Davao City or 245 km East of General Santos City (6.1°N, 127.3°E).**

**Intensity**

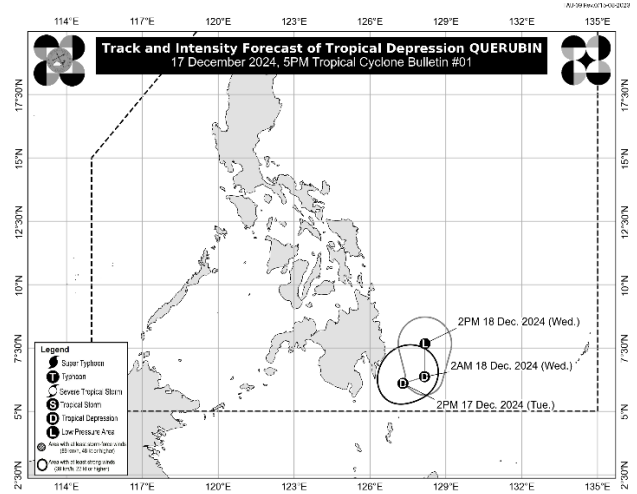
Maximum sustained winds of **45 km/h** near the center, gustiness of up to **55 km/h**, and central pressure of **1004 hPa**

**Present Movement**

**South southwestward slowly**

**Extent of Tropical Cyclone Winds**

**Strong winds** extend outwards up to **180 km** from the center



**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.	
<b>12-Hour Forecast</b> 2:00 AM 18 December 2024	6.4	128.2	345 km East of General Santos City	45	TD	ENE 10
<b>24-Hour Forecast</b> 2:00 PM 18 December 2024	7.7	128.2	220 km East Southeast of Hinatuan, Surigao del Sur	-	LOW	N 10

**TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT**

TCWS No.	Luzon	Visayas	Mindanao
<b>1</b>	-	-	<b>Davao Oriental</b>
Wind threat: <b>Strong winds</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>		

Prepared by: PCDM

Checked by: CFP

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



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**OTHER HAZARDS AFFECTING LAND AREAS**

**Heavy Rainfall Outlook**

Refer to Weather Advisory No. 6 issued at 5:00 PM today for the heavy rainfall outlook due to Shear Line and Tropical Cyclone QUERUBIN.

**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.

- **Minimal to minor impacts** from strong winds are possible within any of the areas under Wind Signal No. 1.

The highest Wind Signal which may be hoisted during the occurrence of QUERUBIN is **Wind Signal No. 1**.

**HAZARDS AFFECTING COASTAL WATERS**

**24-Hour Sea Condition Outlook**

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

- **Up to 4.0 m:** The northern and eastern seaboards of Polillo Islands and Catanduanes; the seaboards of Camarines Norte and Kalayaan Islands; the northern seaboard of Camarines Sur; the eastern seaboards of Albay and Sorsogon.
- **Up to 3.5 m:** The eastern seaboards of Mainland Cagayan; the seaboards of Isabela and Aurora; the northern and eastern seaboards of Northern and Eastern Samar.
- **Up to 3.0 m:** The seaboards of Batanes, Ilocos Norte, Dinagat Islands, Surigao del Norte, Surigao del Sur, and Davao Oriental; the remaining seaboards of Cagayan; the remaining eastern seaboards of Bicol Region.
- **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 seaboards of Ilocos Sur, Cuyo Islands, and Caluya Islands; the western seaboard of Palawan.
- **Up to 2.0 m:** The seaboards of La Union, Pangasinan, Zambales, Antique, Zamboanga del Norte, and Davao del Sur; the remaining seaboards MIMAROPA.
- **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.**



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### TRACK AND INTENSITY OUTLOOK

- QUERUBIN is forecast to move east northeastward while slowly moving away from Davao Region over the next 12 hours before turning northward by tomorrow (**18 December**). This weather disturbance will then traverse Mindanao and Palawan area from tomorrow afternoon until Sunday (**22 December**) afternoon as a remnant low.
- For the entire forecast period, QUERUBIN may remain as a Tropical Depression before weakening into a remnant low by tomorrow. Re-intensification into a Tropical Depression after traversing Mindanao or Palawan is not ruled out.
- **It must be emphasized that the track may still shift within the limit of the forecast confidence cone. It must also be emphasized that the Shear Line and QUERUBIN may potentially bring heavy to intense rainfall over several areas in Visayas and Mindanao outside the radius of QUERUBIN. Regardless of the forecast track, all areas under Weather Advisory are advised to take all necessary measures to protect life and property, especially due to flooding and landslides.**

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:  PCDM

Checked by:  CFP

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