



#### **TROPICAL CYCLONE BULLETIN NR. 7 Tropical Storm KABAYAN (JELAWAT)**

Issued at 11:00 PM, 17 December 2023

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

## "KABAYAN" INTENSIFIES INTO A TROPICAL STORM.

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

The center of Tropical Storm KABAYAN was estimated based on all available data at 275 km East of Davao City (7.5°N, 128.1°E)

#### Intensity

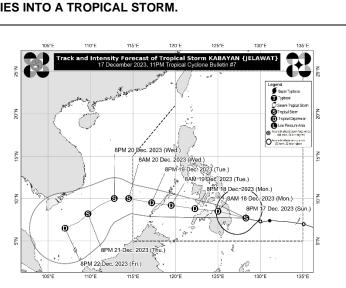
Maximum sustained winds of 65 km/h near the center, gustiness of up to 80 km/h, and central pressure of 1000 hPa

**Present Movement** 

West Northwestward at 15 km/h

**Extent of Tropical Cyclone Winds** 

Strong to gale-force winds extend outwards up to 420 km from the center



TRACK AND INTENSITY FORECAST								
	Center Position				nsity	Movement		
Date and Time	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	dir. and speed (km/h)		
<b>12-Hour Forecast</b> 8:00 AM 18 December 2023	8.5	125.0	In the vicinity of Malitbog, Bukidnon	55	TD	WNW 15		
<b>24-Hour Forecast</b> 8:00 PM 18 December 2023	8.8	122.3	115 km West of Dipolog City, Zamboanga del Norte	45	TD	W 30		
<b>36-Hour Forecast</b> 8:00 AM 19 December 2023	9.2	119.5	100 km Southeast of Puerto Princesa City, Palawan	55	TD	W 25		
<b>48-Hour Forecast</b> 8:00 PM 19 December 2023	9.5	117.2	175 km West of Puerto Princesa City, Palawan	55	TD	W 25		
60-Hour Forecast 8:00 AM 20 December 2023	10.0	114.5	120 km South Southeast of Pag-asa Island, Kalayaan, Palawan (OUTSIDE PAR)	65	TS	W 20		
72-Hour Forecast 8:00 PM 20 December 2023	10.0	112.8	200 km Southwest of Pag-asa Island, Kalayaan, Palawan or 655 km West of Puerto Princesa City, Palawan (OUTSIDE PAR)	75	TS	W 25		
96-Hour Forecast 8:00 PM 21 December 2023	8.2	109.7	1,010 km West of Southwestern Luzon (OUTSIDE PAR)	65	TS	WSW 15		
120-Hour Forecast 8:00 PM 22 December 2023	6.5	107.0	1,665 km West of Western Mindanao (OUTSIDE PAR)	45	TD	WSW 15		

Prepared by: PCDM

WFFC, BIR Road, Diliman, Quezon City

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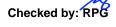
TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT						
TCWS No.	Luzon	Visayas	Mindanao			
2 Wind threat: Gale-force winds	-	-	Dinagat Islands, Surigao del Norte including Siargao and Bucas Grande Islands, Surigao del Sur, the northern portion of Agusan del Norte (Kitcharao, Jabonga, Santiago, City of Cabadbaran, Remedios T. Romualdez, Tubay), the eastern portion of Agusan del Sur (Trento, Bunawan, San Francisco, Rosario, Prosperidad, City of Bayugan, Sibagat), and the northern portion of Davao Oriental (Boston, Cateel)			
	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>					
<b>1</b> Wind threat: Strong winds	-	Southern Leyte, Leyte, the southern portion of Samar (Basey, Santa Rita, Marabut, Talalora, Villareal, Pinabacdao), the southern portion of Eastern Samar (Maydolong, City of Borongan, Quinapondan, Guiuan, Lawaan, Balangiga, Llorente, Giporlos, Salcedo, Balangkayan, General Macarthur, Hernani, Mercedes), Cebu including Camotes and Bantayan Islands, Bohol, Siquijor, Negros Oriental, and Negros Occidental	The rest of Agusan del Norte, the rest of Agusan del Sur, the central portion of Davao Oriental (Baganga, Manay, Caraga), Davao de Oro, Davao del Norte, Davao City, Camiguin, Misamis Oriental, Misamis Occidental, Lanao del Norte, Lanao del Sur, the northern portion of Maguindanao del Norte (Buldon, Barira, Matanog), the northern portion of Cotabato (Arakan, Carmen, Banisilan, Alamada, President Roxas, Kabacan, Matalam, Antipas, Magpet), the northern portion of Zamboanga del Sur (Midsalip, Labangan, Tukuran, Aurora, Sominot, Ramon Magsaysay, Tambulig, Dumingag, Mahayag, Josefina, Molave), and the northeastern portion of Zamboanga del Norte (Siayan, Sindangan, Jose Dalman, Manukan, Pres. Manuel A. Roxas, Sergio Osmeña Sr., Katipunan, Dipolog City, Polanco, Mutia, Piñan, Dapitan City, Sibutad, La Libertad, Rizal)			
	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>					

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#### HAZARDS AFFECTING LAND AREAS

# Heavy Rainfall Outlook

#### Forecast accumulated rainfall for tonight to tomorrow evening

- Above 200 mm: The northern portion of Surigao del Sur
- 100-200 mm: The rest of Surigao del Sur, Surigao del Norte, Dinagat Islands, Camiguin, and Southern Leyte
- 50-100 mm: Leyte, Biliran, Bohol, the northern portions of Davao de Oro, Davao del Norte, and Davao Oriental, the southern portions of Eastern Samar and Samar, and the rest of Caraga and Northern Mindanao.
- Forecast accumulated rainfall for tomorrow evening to Tuesday evening
  - 100-200 mm: Surigao del Sur, Surigao del Norte, Agusan del Norte, the eastern portion of Agusan del Sur, and Dinagat Islands
  - 50-100 mm: Visayas, Northern Mindanao, and the rest of Caraga.

**Forecast rainfall are generally higher in elevated or mountainous areas.** Under these conditions, **flooding and raininduced landslides are likely** especially in areas that are highly or very highly susceptible to these hazards as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.

In addition, the Shear Line coinciding with the passage of KABAYAN may bring heavy rainfall over the eastern portion of Southern Luzon. For more information, refer to Weather Advisory No. 4 issued at 11:00 PM today.

## 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.

- Minor to moderate impacts from gale force winds may occur within any of the areas where Wind Signal No. 2 is hoisted
- Minimal to minor impacts from strong winds are possible within any of the areas under Wind Signal No. 1.

The surge of the Northeast Monsoon will bring also **gusty conditions** for the next 2 days over the following areas not under any Wind Signal, especially in coastal and upland/mountainous areas exposed to winds:

• **Tonight and tomorrow:** Batanes, Babuyan Islands, Ilocos Norte, Ilocos Sur, Aurora, Bataan, Bulacan, Rizal, Quezon, Lubang Island, Marinduque, Cuyo Islands, Bicol Region, Visayas, the northern and eastern portion of mainland Cagayan, the eastern portions of Isabela and Nueva Ecija, and portions of Cordillera Administrative Region, Zambales, Pampanga, Cavite, and Mindoro Provinces.

## HAZARDS AFFECTING COASTAL WATERS

Under the influence of the Northeast Monsoon surge and Tropical Storm KABAYAN, a Gale Warning is in effect for the coastal waters along the seaboard of Northern Luzon and the eastern seaboards of Visayas and Mindanao. Sea travel is risky for small seacraft (including all motor bancas of any type or tonnage). Mariners of these vessels are advised to remain in port or seek safe harbor. For more information, refer to Gale Warning No. 4 issued at 5:00 PM today.

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# TRACK AND INTENSITY OUTLOOK

- Hazards such as severe wind and heavy rainfall may be experienced in areas that are not close to the track forecast. Refer to the "Hazards affecting land areas" for more detailed information.
- KABAYAN is forecast to track generally westward or west northwestward path across the Philippine archipelago over the next two days and is likely to remain a tropical storm until its initial landfall over Mindanao.
- On the track forecast, it is likely to make landfall along the coast of Surigao del Sur or Davao Oriental tonight or tomorrow morning, cross the rugged terrain of Mindanao, and emerge over Bohol Sea or Sulu Sea between tomorrow noon and evening. Due to frictional effects associated with landfall, KABAYAN is forecast to be downgraded into a tropical depression and the possibility of being downgraded into a low pressure area while over land or after emerging over the sea is not ruled out (although in such a case, re-development may still occur over the Sulu Sea).
- Afterwards, KABAYAN will move across the Sulu Sea south of Cuyo Islands. The tropical cyclone is forecast to make another landfall over central or southern Palawan as a tropical depression by Tuesday morning or afternoon, then emerge over the West Philippine Sea shortly thereafter. KABAYAN may pass near or over Kalayaan Islands between Tuesday evening and Wednesday morning.
- It is imperative to stress that the forecast track and intensity of the tropical depression may still change given its nature and strength.

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

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Management System

ISO 9001:2015

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