



TROPICAL CYCLONE BULLETIN NR. 5

Tropical Depression KABAYAN

Issued at 5:00 PM, 17 December 2023

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

“KABAYAN” CONTINUES TO MAINTAIN ITS STRENGTH WHILE MOVING WESTWARD EAST OF MINDANAO

Location of Center (4:00 PM)	
The center of Tropical Depression KABAYAN was estimated based on all available data at 385 km East of Davao City or 315 km East Southeast of Hinatuan, Surigao del Sur (7.7°N, 129.1°E)	
Intensity	
Maximum sustained winds of 55 km/h near the center, gustiness of up to 70 km/h , and central pressure of 1002 hPa	
Present Movement	
Westward Slowly	
Extent of Tropical Cyclone Winds	
Strong winds extend outwards up to 350 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 18 December 2023	8.1	127.5	130 km East Southeast of Hinatuan, Surigao del Sur	55	TD	WNW 20
24-Hour Forecast 2:00 PM 18 December 2023	9.0	124.1	Over coastal waters of Laguindingan, Misamis Oriental	45	TD	WNW 30
36-Hour Forecast 2:00 AM 19 December 2023	9.4	120.6	295 km West of Dumaguete City, Negros Oriental	45	TD	W 30
48-Hour Forecast 2:00 PM 19 December 2023	9.8	117.7	115 km West of Puerto Princesa City, Palawan	45	TD	W 25
60-Hour Forecast 2:00 AM 20 December 2023	10.3	115.4	150 km Southeast of Pag-asa Island, Kalayaan, Palawan	55	TD	WNW 20
72-Hour Forecast 2:00 PM 20 December 2023	10.6	113.7	80 km West Southwest of Pag-asa Island, Kalayaan, Palawan (OUTSIDE PAR)	55	TD	W 15
96-Hour Forecast 2:00 PM 21 December 2023	10.0	111.1	370 km West Southwest of Pag-asa Island, Kalayaan, Palawan (OUTSIDE PAR)	65	TS	WSW 10
120-Hour Forecast 2:00 PM 22 December 2023	8.6	108.6	680 km West Southwest of Pag-asa Island, Kalayaan, Palawan (OUTSIDE PAR)	55	TD	WSW 15

Prepared by: *JEMB*

Checked by: *SFD*



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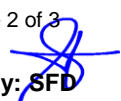
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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1 Wind threat: Strong winds	-	Southern Leyte, Leyte, the southern portion of Samar (Basey, Santa Rita, Marabut, Talalora, Villareal, Pinabacdao), the southern portion of Eastern Samar (Maydolong, City of Borongan, Quinapondan, Guiuan, Lawaan, Balangiga, Llorente, Giporlos, Salcedo, Balangkayan, General Macarthur, Hernani, Mercedes), Cebu including Camotes Islands, Bantayan Islands, Bohol, and Siquijor	Dinagat Islands, Surigao del Norte, Surigao del Sur, the northern portion of Davao Oriental (Cateel, Boston, Baganga, Manay, Caraga), Agusan del Norte, Misamis Oriental, Camiguin, Bukidnon, Agusan del Sur, Davao de Oro, Misamis Occidental, Lanao del Norte, Lanao del Sur, the northern and central portion of Davao del Norte (Santo Tomas, New Corella, Braulio E. Dujali, City of Panabo, Asuncion, City of Tagum, Talaingod, Carmen, Kapalong, San Isidro), Davao City, the northern portion of Cotabato (Arakan, Carmen, Banisilan, Alamada, President Roxas, Kabacan, Matalam, Antipas, Magpet), and the northern portion of Maguindanao (Buldon, Barira, Matanog)
	Warning lead time: 36 hours Range of wind speeds: 39 to 61 km/h (Beaufort 6 to 7) Potential impacts of winds: Minimal to minor threat to life and property		

HAZARDS AFFECTING LAND AREAS
<p><u>Heavy Rainfall Outlook</u></p> <p>Forecast accumulated rainfall from today to tomorrow afternoon</p> <ul style="list-style-type: none"> • 100-200 mm: Surigao del Sur, Surigao del Norte, Dinagat Islands, and Southern Leyte • 50-100 mm: Eastern Visayas, Davao Region, Northern Mindanao, and the rest of Caraga <p>Forecast accumulated rainfall from tomorrow afternoon to Tuesday afternoon</p> <ul style="list-style-type: none"> • 100-200 mm: Surigao del Sur, Surigao del Norte, Dinagat Islands, and Southern Leyte • 50-100 mm: Eastern Visayas, Central Visayas, Northern Mindanao, and the rest of Caraga. <p>Forecast rainfall are generally higher in elevated or mountainous areas. Under these conditions, flooding and rain-induced 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.</p> <p>In addition, the Shear Line coinciding with the passage of KABAYAN may bring heavy rainfall over the eastern portion of Southern Luzon today and over the eastern portion of Luzon tomorrow. For more information, refer to Weather Advisory No. 3 issued at 11:00 AM today and the 24-Hour Public Weather Forecast and Outlook issued at 4:00 PM today.</p>

HAZARDS AFFECTING LAND AREAS

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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.

Additional provinces in Visayas and Mindanao may be placed under Wind Signal No. 1 in the next bulletin.

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:

- **Today 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, Mindoro Provinces.

HAZARDS AFFECTING COASTAL WATERS

Under the influence of the Northeast Monsoon surge and KABAYAN, a Gale Warning is in effect for the coastal waters along the seaboard of Northern Luzon and the eastern seaboard 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.

TRACK AND INTENSITY OUTLOOK

- KABAYAN is forecast to track generally westward or west northwestward path across the Philippine archipelago over the next two days and is likely to maintain its strength until its initial landfall over Mindanao. However, the possibility of reaching tropical storm category pre-landfall is not ruled out.
- On the track forecast, it is likely to make landfall along the coast of Surigao del Sur or Davao Oriental tonight or tomorrow early morning, cross the rugged terrain of Mindanao, and emerge over Bohol Sea or Sulu Sea tomorrow morning or afternoon. Due to frictional effects associated with landfall, KABAYAN is forecast to weaken over land 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).
- For the remainder of tomorrow and into early morning of Tuesday, 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, then emerge over the Philippine Sea by noon or early afternoon of the same day. Afterwards, KABAYAN may pass near or over Kalayaan Islands in the West Philippine Sea.
- It is imperative to stress that the projected track and intensity of the tropical depression remain subject to 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 8:00 PM today.

DOST-PAGASA

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