



TROPICAL CYCLONE BULLETIN NR. 5
Tropical Storm KRISTINE (TRAMI)

Issued at 5:00 AM, 22 October 2024

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

“KRISTINE” INTENSIFIES INTO A TROPICAL STORM

Location of Center (4:00 AM)

The center of Tropical Storm KRISTINE was estimated based on all available data at **390 km East of Virac, Catanduanes (13.2°N, 127.8°E)**

Intensity

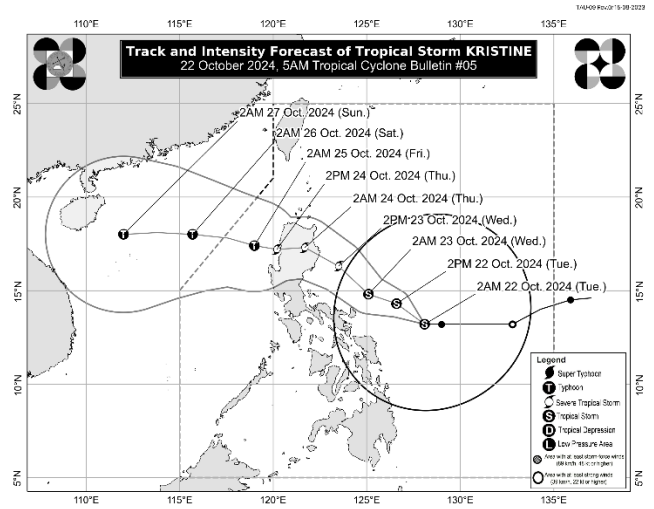
Maximum sustained winds of **65 km/h** near the center, gustiness of up to **80 km/h**, and central pressure of **994 hPa**

Present Movement

Westward at 15 km/h

Extent of Tropical Cyclone Winds

Strong to gale-force winds extend outwards up to **680 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 PM 22 October 2024	14.3	126.6	390 km East of Daet, Camarines Norte	75	TS	NW 15
24-Hour Forecast 2:00 AM 23 October 2024	14.8	125.1	370 km East of Infanta, Quezon	85	TS	WNW 15
36-Hour Forecast 2:00 PM 23 October 2024	16.3	123.5	145 km East of Casiguran, Aurora	100	STS	NW 20
48-Hour Forecast 2:00 AM 24 October 2024	17.3	121.7	In the vicinity of Delfin Albano, Isabela	110	STS	WNW 20
60-Hour Forecast 2:00 PM 24 October 2024	17.2	120.2	Over the coastal waters of Candon, Ilocos Sur	110	STS	W 15
72-Hour Forecast 2:00 AM 25 October 2024	17.4	119.0	165 km West Southwest of Sinait, Ilocos Sur	120	TY	W 10
96-Hour Forecast 2:00 AM 26 October 2024	18.0	115.7	505 km West of Sinait, Ilocos Sur	130	TY	W 15
120-Hour Forecast 2:00 AM 27 October 2024	18.0	112.0	895 km West of Northern Luzon (OUTSIDE PAR)	130	TY	W 15

Prepared by: PCDM

Checked by: ADA

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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1 Wind threat: Strong winds	<p>The eastern and central portions of mainland Cagayan (Piat, Santo Nino, Camalaniugan, Tuao, Lal-Lo, Enrile, Gonzaga, Alcala, Amulung, Santa Teresita, Baggao, Buguey, Solana, Rizal, Santa Ana, Tuguegarao City, Gattaran, Peñablanca, Iguig, Lasam, Aparri, Allacapan), Isabela, Quirino, the southern portion of Nueva Vizcaya (Alfonso Castañeda), Aurora, the eastern portion of Rizal (Tanay, Pililla, Jala-Jala), the eastern portion of Laguna (Majayjay, Magdalena, Pila, Santa Cruz, Pagsanjan, Luisiana, Cavinti, Lumban, Kalayaan, Paete, Pakil, Pangil, Siniloan, Famy, Santa Maria, Mabitac, Nagcarlan, Liliw), the northern and eastern portions of Quezon (Tagkawayan, Guinayangan, Buenavista, San Narciso, San Andres, General Nakar, Pitogo, San Francisco, Calauag, Pagbilao, Infanta, Lopez, Catanauan, Mulanay, Unisan, General Luna, Plaridel, Quezon, Alabat, Sampaloc, Padre Burgos, Macalelon, Mauban, Perez, Agdangan, Gumaca, Atimonan, Real, Lucena City, Lucban, City of Tayabas) including Polillo Islands, Marinduque, Romblon, Camarines Norte, Camarines Sur, Catanduanes, Albay, Sorsogon, and Masbate including Ticao Island and Burias Island</p>	<p>Eastern Samar, Northern Samar, Samar, Leyte, Biliran, and Southern Leyte</p>	<p>Dinagat Islands and Surigao del Norte including Siargao - Bucas Grande Group</p>
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			

OTHER HAZARDS AFFECTING LAND AREAS
<p>Heavy Rainfall Outlook Refer to Weather Advisory No. 6 issued at 5:00 AM today for the heavy rainfall outlook due to "KRISTINE".</p> <p>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.</p> <ul style="list-style-type: none"> Minimal to minor impacts from strong winds are possible within any of the areas under Wind Signal No. 1. <p>The highest Wind Signal which may be hoisted during the occurrence of KRISTINE is still Wind Signal No. 4, considering the possibility of rapid intensification.</p> <p>Furthermore, the wind flow coming towards the circulation of KRISTINE and the Northeasterly Windflow will also bring strong to gale-force gusts over the following areas (especially in coastal and upland areas exposed to winds):</p> <ul style="list-style-type: none"> Today (22 October): Batanes, Babuyan Islands, Ilocos Region, Palawan, Romblon, Aklan, Antique, Negros Island Region, Central Visayas, Southern Leyte, Zamboanga del Norte, Northern Mindanao, Dinagat Islands, Surigao del Norte, Agusan del Norte, Sarangani, Davao del Sur, and Davao Oriental. Tomorrow (23 October): MIMAROPA, Visayas, and Mindanao. Thursday (24 October): MIMAROPA, Bicol Region, Visayas, Basilan, Sulu, Tawi-Tawi, Zamboanga del Norte, Lanao del Sur, Northern Mindanao, Dinagat Islands, Surigao del Norte, Davao del Sur, and Davao Oriental.

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HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the eastern seaboard of Luzon, the southern seaboard of Southern Luzon, and the eastern seaboard of Visayas. For more information, refer to Gale Warning No. 2 issued at 5:00 AM today.

24-Hour Sea Condition Outlook

- **Up to very rough seas over the following coastal waters:**
 - **Up to 6.5 m:** The seaboard of Isabela and the northern and eastern seaboards of Bicol Region
 - **Up to 5.5 m:** The seaboards of Batanes, Cagayan, and Aurora, and the northern and eastern seaboards of Northern Samar
 - **Up to 4.5 m:** The seaboards of Polillo Islands, the northern seaboard of Ilocos Norte, the remaining seaboards of Bicol Region, the western seaboard of Northern Samar, the northern seaboard of Biliran, and the seaboard of the northern portion of Samar.
 - **Sea travel is risky all types or tonnage of vessels. All mariners must remain in port or, if underway, seek shelter or safe harbor as soon as possible until winds and waves subside.**
- **Up to rough seas over the following coastal waters:**
 - **Up to 4.0 m:** The western seaboard of Ilocos Norte.
 - **Up to 3.5 m:** The remaining seaboards of Northern Luzon and the seaboards of Southern Leyte, Bohol, Camiguin, Dinagat Islands, and Surigao del Norte.
 - **Up to 3.0 m:** The southern seaboards of Palawan, Negros Occidental, Negros Oriental, and Siquijor, the eastern seaboard of Davao Region and the eastern seaboard of mainland Quezon
 - **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 remaining seaboards of the country.
 - **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.**

TRACK AND INTENSITY OUTLOOK

- KRISTINE is forecast to move northwestward to west northwestward until Thursday (24 October) before turning westward for the rest of the forecast period. On the track forecast, this tropical cyclone may make landfall over Isabela on tomorrow (23 October) evening and may exit the Philippine Area of Responsibility by Friday (25 October) evening. **Changes in forecast track is not ruled out**, depending on the movement of the weather systems surrounding this tropical cyclone in the next few days.
- KRISTINE is forecast to remain as a tropical storm in the next 24 hours. It may reach severe tropical storm category on tomorrow and may make landfall over Isabela as a severe tropical storm. It is forecast to reach typhoon category on Friday as it emerges over the West Philippine Sea. Since this tropical cyclone is still over the Philippine Sea, **rapid intensification is not ruled out** given the favorable environmental conditions.

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 AM today.

DOST-PAGASA

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