



TROPICAL CYCLONE BULLETIN NR. 6
Tropical Storm KRISTINE (TRAMI)

Issued at 11:00 AM, 22 October 2024

Valid for broadcast until the next bulletin at 5:00 PM today.

“KRISTINE” MAINTAIN ITS STRENGTH OVER THE PHILIPPINE SEA EAST OF BICOL REGION.

Location of Center (10:00 AM)

The center of Tropical Storm KRISTINE was estimated based on all available data at **335 km East of Virac, Catanduanes (13.7°N, 127.3°E)**

Intensity

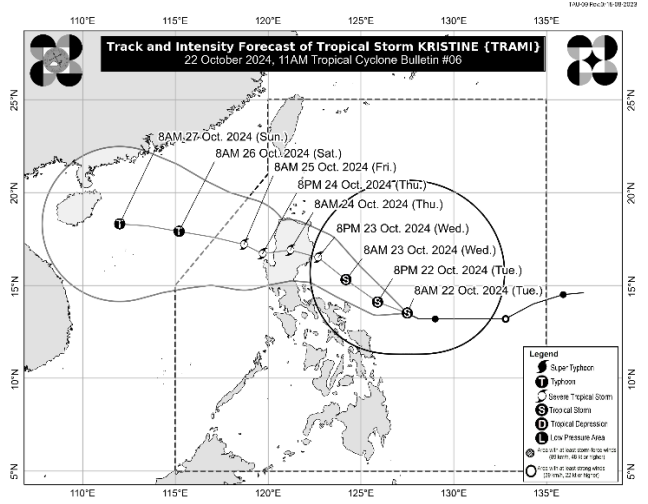
Maximum sustained winds of **65 km/h** near the center, gustiness of up to **80 km/h**, and central pressure of **994 hPa**

Present Movement

West northwestward at 10 km/h

Extent of Tropical Cyclone Winds

Strong to gale-force winds extend outwards up to **720 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.	
12-Hour Forecast 8:00 PM 22 October 2024	14.1	125.9	315 km East of Daet, Camarines Norte	75	TS	WNW 15
24-Hour Forecast 8:00 AM 23 October 2024	15.3	124.2	280 km East Northeast of Infanta, Quezon	85	TS	NW 20
36-Hour Forecast 8:00 PM 23 October 2024	16.5	122.7	65 km East Northeast of Casiguran, Aurora	100	STS	NW 15
48-Hour Forecast 8:00 AM 24 October 2024	16.9	121.2	In the vicinity of Mayoyao, Ifugao	95	STS	WNW 15
60-Hour Forecast 8:00 PM 24 October 2024	16.7	119.7	Over the coastal waters of Bolinao, Pangasinan	100	STS	W 15
72-Hour Forecast 8:00 AM 25 October 2024	17.2	118.7	185 km West Northwest of Bacnotan, La Union	110	STS	WNW 10
96-Hour Forecast 8:00 AM 26 October 2024	17.9	115.2	555 km West of Sinait, Ilocos Sur (OUTSIDE PAR)	120	TY	WNW 15
120-Hour Forecast 8:00 AM 27 October 2024	18.3	112.0	900 km West of Northern Luzon (OUTSIDE PAR)	130	TY	W 15

Prepared by: **ACJ**

Checked by: **RPG**

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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
2 Wind threat: Gale-force winds	Catanduanes	-	-
	Warning lead time: 24 hours Range of wind speeds: 62 to 88 km/h (Beaufort 8 to 9) Potential impacts of winds: Minor to moderate threat to life and property		
1 Wind threat: Strong winds	Ilocos Norte, Ilocos Sur, La Union, Pangasinan, Apayao, Kalinga, Abra, Mountain Province, Ifugao, Benguet, Cagayan including Babuyan Islands, Isabela, Quirino, Nueva Vizcaya, Aurora, Nueva Ecija, Tarlac, Zambales, Bataan, Pampanga, Bulacan, Metro Manila, Cavite, Laguna, Batangas, Rizal, Quezon including Pollilo Islands, Masbate including Ticao Island, Burias Island, Marinduque, Romblon, and, Camarines Norte, Camarines Sur, Albay, Sorsogon,	Eastern Samar, Northern Samar, Samar, Leyte, Biliran, and Southern Leyte	Dinagat Islands and Surigao del Norte including Siargao - Bucas Grande Group
	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. 7 issued at 11:00 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"> • Minor to moderate impacts from gale-force winds are possible within any of the localities 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. <p>The highest Wind Signal which may be hoisted during the occurrence of KRISTINE is still Wind Signal No. 3, 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. <p>Coastal Inundation There is a moderate to high risk of life-threatening storm surge in the next 48 hours over the low-lying or exposed coastal localities of Catanduanes, Camarines Sur, Albay, Aurora, Isabela, and Cagayan. For more information, refer to Storm Surge Warning No. 1 issued at 8:00 AM today.</p>

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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. 3A issued at 11:00 AM today.

24-Hour Sea Condition Outlook

- **Up to high seas over the following coastal waters:**
 - **Up to 7.0 m:** The seaboard of Batanes, Cagayan including Babuyan Islands, Isabela, Catanduanes, Camarines Norte, and the northern and eastern seaboards of Camarines Sur
 - **Up to 6.0 m:** The seaboard of northern Aurora, Polillo Islands, and Ilocos Norte
 - **Sea travel is risky for 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 very rough seas over the following coastal waters:**
 - **Up to 5.0 m:** The remaining seaboard of the Ilocos Region, the eastern seaboard of Albay, the eastern seaboard of Sorsogon, and the northern and eastern seaboards of Northern Samar
 - **Sea travel is risky for 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:** Zamables and the eastern seaboard of Eastern Samar
 - **Up to 3.5 m:** Cagayancillo Island, the eastern coast of Quezon, Dinagat Island, the seaboard of Southern Leyte, the northern and western seaboards of Surigao del Norte, the eastern and southern seaboards of Bohol, Agusan del Norte, and Camiguin
 - **Up to 3.0 m:** the remaining seaboards of Bicol Region, the remaining seaboards of Quezon, the seaboard of Zamboanga del Norte, Romblon, the remaining seaboards of Visayas, the western seaboard of Bataan, the western seaboard of Occidental Mindoro, and the northern and western seaboards of Calamian Island.
 - **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 generally northwestward until it makes landfall over Isabela or northern Aurora tomorrow (23 October) evening or on Thursday (24 October) early morning. It will then cross the mountainous terrain of Northern Luzon and emerge over the waters west of Ilocos Region on Thursday afternoon or 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 gradually intensify into a severe tropical storm before making landfall. Slight weakening will occur while crossing Northern Luzon. Over the West Philippine Sea, KRISTINE may reach typhoon category before exiting the Philippine Area of Responsibility (PAR) region on Friday (25 October).

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 5:00 PM today.

DOST-PAGASA

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