



TROPICAL CYCLONE BULLETIN NR. 3
Tropical Depression KRISTINE

Issued at 5:00 PM, 21 October 2024

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

“KRISTINE” SLIGHTLY DECELERATES WHILE MOVING WESTWARD OVER THE PHILIPPINE SEA.

Location of Center (4:00 PM)

The center of Tropical Depression KRISTINE was estimated based on all available data at **760 km East of Catarman, Northern Samar (13.2°N, 131.6°E)**

Intensity

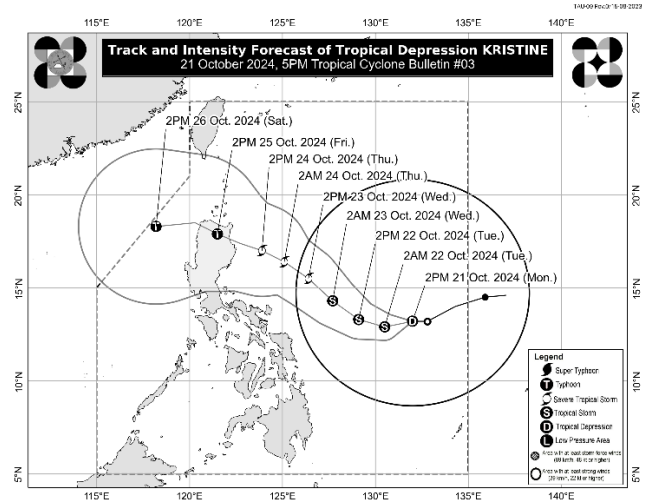
Maximum sustained winds of **55 km/h** near the center, gustiness of up to **70 km/h**, and central pressure of **998 hPa**

Present Movement

Westward at 15 km/h

Extent of Tropical Cyclone Winds

Strong winds extend outwards up to **800 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 22 October 2024	12.9	130.5	640 km East of Catarman, Northern Samar	65	TS	WSW 15
24-Hour Forecast 2:00 PM 22 October 2024	13.3	129.1	530 km East of Virac, Catanduanes	75	TS	WNW 15
36-Hour Forecast 2:00 AM 23 October 2024	14.3	127.7	510 km East of Daet, Camarines Norte	85	TS	NW 15
48-Hour Forecast 2:00 PM 23 October 2024	15.5	126.4	510 km East of Baler, Aurora	95	STS	NW 15
60-Hour Forecast 2:00 AM 24 October 2024	16.4	125.1	320 km East of Casiguran, Aurora	100	STS	NW 15
72-Hour Forecast 2:00 PM 24 October 2024	17.0	123.9	235 km East of Echague, Isabela	110	STS	WNW 10
96-Hour Forecast 2:00 PM 25 October 2024	17.9	121.5	In the vicinity of Santo Niño, Cagayan	120	TY	WNW 10
120-Hour Forecast 2:00 PM 26 October 2024	18.3	118.2	245 km West of Laoag City, Ilocos Norte	120	TY	W 15

Prepared by: ACU

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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1 Wind threat: Strong winds	The southeastern portion of Isabela (Palanan, Dinapigue), Aurora, 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) including Pollilo Islands, Camarines Norte, Camarines Sur, Catanduanes, Albay, Sorsogon, and Masbate including Ticao Island and Burias Island	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. 4 issued at 5:00 PM today for the heavy rainfall outlook due to "KRISTINE".</p> <p>Severe Winds</p> <p>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 Wind Signal No. 4.</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 (21 October): Batanes, Ilocos Norte, Cagayan, the southern portion of Palawan, Siquijor, Bohol, Zamboanga Peninsula, Northern Mindanao, Dinagat Islands, Surigao del Norte, Agusan del Norte, BARMM, Sarangani, Davao del Sur, and Davao Oriental Tomorrow (22 October): Batanes, Babuyan Islands, Ilocos Norte, Ilocos Sur, Palawan, Romblon, Aklan, Antique, Negros Island Region, the northern portion of Cebu, Bohol, Southern Leyte, Zamboanga del Norte, Northern Mindanao, Dinagat Islands, Surigao del Norte, Agusan del Norte, Sarangani, Davao del Sur, and Davao Oriental. Wednesday (23 October): MIMAROPA, Visayas, and Mindanao.

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HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the eastern seaboard of Southern Luzon and Visayas. For more information, refer to Gale Warning No. 1 issued at 5:00 PM today.

24-Hour Sea Condition Outlook

- **Up to very rough seas over the following coastal waters:**
 - **Up to 5.5 m:** The northern and eastern seaboard of Bicol Region
 - **Up to 5.0 m:** the northern and eastern seaboard of Northern Samar
 - **Up to 4.5 m:** The seaboard of Isabela, Aurora, Polillo Islands, the eastern seaboard of mainland Cagayan
 - **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 seaboard of Batanes, the remaining seaboard of Cagayan including Babuyan Islands, and the eastern seaboard of Eastern Samar.
 - **Up to 3.5 m:** The remaining seaboard of Northern Luzon, the seaboard of Dinagat Islands, and Surigao del Norte
 - **Up to 3.0 m:** The seaboard of Bohol, Siquijor, Camiguin, 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 seaboard 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 west southwestward until tomorrow (22 October) morning before turning generally west northwestward for the rest of the forecast period. On the track forecast, this tropical cyclone may make landfall over Northern Luzon on Thursday (24 October) evening or Friday (25 October) morning. **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 may intensify into a tropical storm in the next 12 hours. It may reach severe tropical storm category on Wednesday (23 October) and typhoon category on Thursday (24 October) before making landfall. 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 PM today.

DOST-PAGASA

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