



**TROPICAL CYCLONE BULLETIN NR. 4**  
**Tropical Depression KRISTINE**

Issued at 11:00 PM, 21 October 2024

Valid for broadcast until the next bulletin at 5:00 AM tomorrow.

**“KRISTINE” MAINTAINS ITS STRENGTH AS IT ACCELERATES WESTWARD**

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

The center of Tropical Depression KRISTINE was estimated based on all available data at **480 km East of Catarman, Northern Samar (13.2°N, 129.0°E)**

**Intensity**

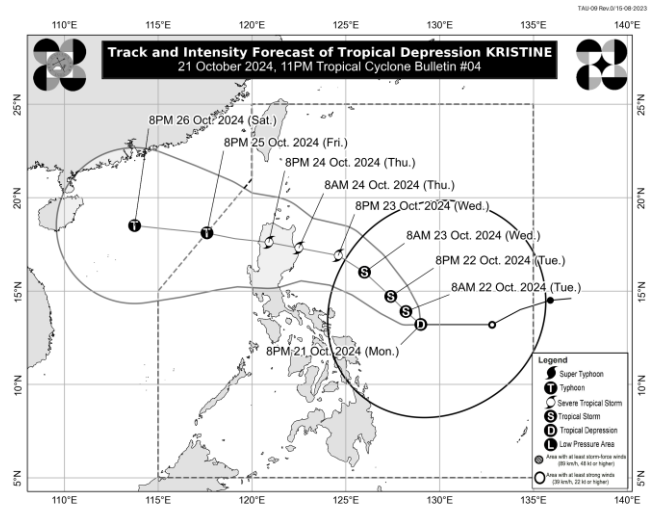
Maximum sustained winds of **55 km/h** near the center, gustiness of up to **70 km/h**, and central pressure of **998 hPa**

**Present Movement**

**Westward at 25 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.	
<b>12-Hour Forecast</b> 8:00 AM 22 October 2024	13.9	128.2	435 km East of Virac, Catanduanes	65	TS	NW 10
<b>24-Hour Forecast</b> 8:00 PM 22 October 2024	14.7	127.4	480 km East of Daet, Camarines Norte	75	TS	NW 10
<b>36-Hour Forecast</b> 8:00 AM 23 October 2024	16.0	126.0	415 km East of Casiguran, Aurora	85	TS	NW 15
<b>48-Hour Forecast</b> 8:00 PM 23 October 2024	16.9	124.6	310 km East of Echague, Isabela	95	STS	NW 15
<b>60-Hour Forecast</b> 8:00 AM 24 October 2024	17.3	122.5	Over the coastal waters of Divilacan, Isabela	100	STS	WNW 20
<b>72-Hour Forecast</b> 8:00 PM 24 October 2024	17.6	120.9	In the vicinity of Licuan-Baay, Abra	110	STS	WNW 15
<b>96-Hour Forecast</b> 8:00 PM 25 October 2024	18.1	117.6	305 km West of Sinit, Ilocos Sur	120	TY	W 15
<b>120-Hour Forecast</b> 8:00 PM 26 October 2024	18.5	113.8	710 km West of Sinit, Ilocos Sur (OUTSIDE PAR)	120	TY	W 15

Prepared by: *PCDM*

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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
<b>1</b> Wind threat: <b>Strong winds</b>	<b>The eastern portion of Isabela</b> (Palanan, Dinapigue, Maconacon, Divilacan, San Mariano, Ilagan City, San Guillermo, Echague, Jones, San Agustin, City of Cauayan, Benito Soliven, Angadanan, Naguilian), <b>the southeastern portion of Quirino</b> (Maddela, Nagtipunan), <b>the southern portion of Nueva Vizcaya</b> (Alfonso Castaneda), <b>Aurora, the northern and eastern portions of Quezon</b> (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) <b>including Polillo Islands, Marinduque, Camarines Norte, Camarines Sur, Catanduanes, Albay, Sorsogon, and Masbate including Ticao Island and Burias Island</b>	<b>Eastern Samar, Northern Samar, Samar, Leyte, Biliran, and Southern Leyte</b>	<b>Dinagat Islands and Surigao del Norte including Siargao - Bucas Grande Group</b>
	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>		

OTHER HAZARDS AFFECTING LAND AREAS
<p><b><u>Heavy Rainfall Outlook</u></b>                      Refer to Weather Advisory No. 5 issued at 11:00 PM today for the heavy rainfall outlook due to "KRISTINE".</p> <p><b><u>Severe Winds</u></b></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"> <li>Minimal to minor impacts from strong winds are possible within any of the areas under Wind Signal No. 1.</li> </ul> <p>The highest Wind Signal which may be hoisted during the occurrence of KRISTINE is still <b>Wind Signal No. 4</b>, 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 <b>strong to gale-force gusts</b> over the following areas (especially in coastal and upland areas exposed to winds):</p> <ul style="list-style-type: none"> <li><b>Tomorrow (22 October):</b> 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.</li> <li><b>Wednesday (23 October):</b> MIMAROPA, Visayas, and Mindanao.</li> <li><b>Thursday (24 October):</b> 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.</li> </ul>

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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 6.0 m:** The northern and eastern seaboard of Bicol Region
  - **Up to 5.5 m:** The seaboard of Isabela and the northern and eastern seaboard of Northern Samar
  - **Up to 5.0 m:** The seaboard of Aurora and the eastern seaboard of mainland Cagayan
  - **Up to 4.5 m:** The seaboard of Polillo Islands
  - **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 northwestward until Wednesday (23 October) evening before turning west northwestward to westward for the rest of the forecast period. On the track forecast, this tropical cyclone may make landfall over Northern Luzon on Thursday (24 October) morning 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 may intensify into a tropical storm in the next 12 hours. It may reach severe tropical storm category on Wednesday and may make landfall over Northern Luzon as 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 5:00 AM tomorrow.

DOST-PAGASA

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