



TROPICAL CYCLONE BULLETIN NR. 1
Tropical Depression KRISTINE

Issued at 5:00 AM, 21 October 2024

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

THE TROPICAL DEPRESSION HAS ENTERED THE PHILIPPINE AREA OF RESPONSIBILITY AND WAS NAMED "KRISTINE"	
Location of Center (4:00 AM)	
The center of Tropical Depression KRISTINE was estimated based on all available data at 1,050 km East of Southeastern Luzon (13.6°N, 133.9°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	
West southwestward at 30 km/h	
Extent of Tropical Cyclone Winds	
Strong winds extend outwards up to 550 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 21 October 2024	13.8	131.8	820 km East of Southeastern Luzon	65	TS	W 25
24-Hour Forecast 2:00 AM 22 October 2024	13.7	129.8	605 km East of Virac, Catanduanes	75	TS	W 20
36-Hour Forecast 2:00 PM 22 October 2024	14.5	128.3	575 km East of Daet, Camarines Norte	85	TS	WNW 15
48-Hour Forecast 2:00 AM 23 October 2024	15.5	127.2	600 km East of Baler, Aurora	95	STS	NW 15
60-Hour Forecast 2:00 PM 23 October 2024	16.3	126.0	415 km East of Casiguran, Aurora	100	STS	NW 15
72-Hour Forecast 2:00 AM 24 October 2024	17.0	124.9	340 km East of Echague, Isabela	110	STS	WNW 10
96-Hour Forecast 2:00 AM 25 October 2024	17.8	122.8	110 km East of Tuguegarao City, Cagayan	120	TY	WNW 10
120-Hour Forecast 2:00 AM 26 October 2024	19.0	121.0	Over the coastal waters of Calayan, Cagayan	120	TY	NW 10

Prepared by: PCDM

Checked by: ADA

"tracking the sky...helping the country."



TROPICAL CYCLONE BULLETIN NR. 1
Tropical Depression KRISTINE

Issued at 5:00 AM, 21 October 2024

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

TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1 Wind threat: Strong winds	Catanduanes	The northeastern portion of Northern Samar (Laoang, Palapag, Mapanas, Gamay, Catubig, Lapinig) and the northeastern portion of Eastern Samar (Jipapad, Arteche, San Policarpo, Oras)	-
	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. 2 issued at 5:00 AM today for the heavy rainfall outlook due to Tropical Cyclone "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 Tropical Depression KRISTINE 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): the southern portion of Palawan, Siquijor, Bohol, Zamboanga Peninsula, Northern Mindanao, Dinagat Islands, Surigao del Norte, Agudan del Norte, BARMM, Sarangani, Davao del Sur, and Davao Oriental Tomorrow (22 October): Palawan, Romblon, Aklan, Antique, Negros Island Region, Bohol, Zamboanga del Norte, Northern Mindanao, Southern Leyte, Dinagat Islands, Surigao del Norte, Agusan del Norte, Sarangani, Davao del Sur, and Davao Oriental. Wednesday (23 October): MIMAROPA, Visayas, and Mindanao,

Prepared by:  PCDM

Checked by:  ADA

"tracking the sky...helping the country."



TROPICAL CYCLONE BULLETIN NR. 1 Tropical Depression KRISTINE

Issued at 5:00 AM, 21 October 2024

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

HAZARDS AFFECTING COASTAL WATERS

24-Hour Sea Condition Outlook

- **Moderate to rough seas over the following coastal waters:**
 - **Up to 4.0 m:** The seaboard of Isabela, the seaboard of the northern portion of Aurora, Catanduanes, Northern Samar, and the eastern seaboard of Mainland Cagayan.
 - **Up to 3.5 m:** The seaboard of Batanes, the remaining seaboard of Cagayan and Aurora, the eastern seaboard of Quezon, the remaining eastern seaboard of Bicol Region, and the eastern seaboard of Eastern Samar.
 - **Up to 3.0 m:** The seaboard of Ilocos Region, the seaboard of Dinagat Islands, and the seaboard of Davao Region.
 - **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 2.0 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 generally westward until tomorrow (22 October) morning before turning west northwestward to northwestward from tomorrow afternoon until the rest of the forecast period. This tropical cyclone is forecast to make landfall over Northern Luzon by Friday (25 October) afternoon.
- KRISTINE is forecast to intensify into a tropical storm in the next 12 hours. It may reach severe tropical storm category by tomorrow afternoon or evening and typhoon category by Thursday (24 October) afternoon or evening, prior to landfall over the northeastern portion of Cagayan.
- Since this tropical cyclone is still over the Philippine Sea, **further intensification is likely**, given the favorable environmental conditions (high SST and low wind shear) for development over the area. **Changes in forecast track is also not ruled out**, depending on the movement of the weather systems over the mid-latitude over the next days.

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

Prepared by:  PCDM

Checked by:  ADA

"tracking the sky...helping the country."