



TROPICAL CYCLONE BULLETIN NR. 3
Tropical Depression CARINA

Issued at 11:00 AM, 20 July 2024

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

“CARINA” MAINTAINS ITS STRENGTH WHILE MOVING WEST NORTHWESTWARD OVER THE PHILIPPINE SEA.

Location of Center (10:00 AM)

The center of Tropical Depression CARINA was estimated based on all available data at **510 km East Northeast of Virac, Catanduanes (15.3°N, 128.6°E)**

Intensity

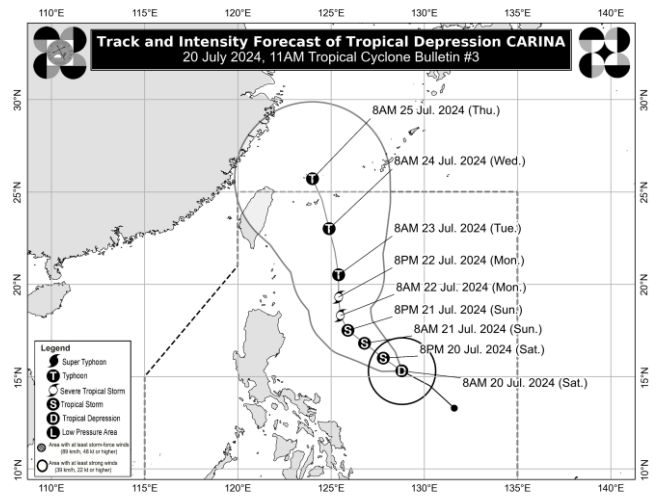
Maximum sustained winds of **55 km/h** near the center, gustiness of up to **70 km/h**, and central pressure of **1004 hPa**

Present Movement

West northwestward at 30 km/h

Extent of Tropical Cyclone Winds

Strong winds extend outwards up to **200 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 20 July 2024 | 16.0 | 127.8 | 605 km East of Casiguran, Aurora | 65 | TS | NW 10 |
| 24-Hour Forecast 8:00 AM 21 July 2024 | 16.8 | 126.8 | 500 km East of Casiguran, Aurora | 75 | TS | NW 10 |
| 36-Hour Forecast 8:00 PM 21 July 2024 | 17.5 | 125.9 | 440 km East of Tuguegarao City, Cagayan | 85 | TS | NW 10 |
| 48-Hour Forecast 8:00 AM 22 July 2024 | 18.3 | 125.5 | 410 km East of Aparri, Cagayan | 95 | STS | NNW 10 |
| 60-Hour Forecast 8:00 PM 22 July 2024 | 19.3 | 125.4 | 415 km East of Calayan, Cagayan | 110 | STS | N 10 |
| 72-Hour Forecast 8:00 AM 23 July 2024 | 20.5 | 125.4 | 305 km East of Basco, Batanes | 120 | TY | N 10 |
| 96-Hour Forecast 8:00 AM 24 July 2024 | 23.0 | 124.9 | 400 km Northeast of Itbayat, Batanes | 140 | TY | N 10 |
| 120-Hour Forecast 8:00 AM 25 July 2024 | 25.7 | 124.0 | 590 km North Northeast of Itbayat, Batanes (OUTSIDE PAR) | 150 | TY | NNW 15 |

Prepared by: PCDM

Checked by: ACJ

“tracking the sky...helping the country.”



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| TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT |
| No Wind Signal hoisted at this time. |

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| OTHER HAZARDS AFFECTING LAND AREAS |
| <p><u>Heavy Rainfall Outlook</u></p> <p>Heavy rainfall directly caused by CARINA remains less likely over next three days. However, there may be changes in the current forecast scenario in the succeeding bulletins, which may affect the heavy rainfall outlook within the forecast period.</p> <p>The Southwest Monsoon that will be enhanced by BUTCHOY and CARINA will bring moderate to heavy rains over the western portion of Luzon over the next three days. For more information, refer to Weather Advisory No. 21 issued at 11:00 AM today.</p> <p><u>Severe Winds</u></p> <p>Based on the latest forecast scenario, the hoisting of Wind Signal No. 1 over Extreme Northern Luzon and the eastern portion of Northern Luzon is not ruled out.</p> <p>The Southwest Monsoon that will be enhanced by BUTCHOY and CARINA will bring gusty conditions over the following areas (especially in coastal and upland areas exposed to winds):</p> <ul style="list-style-type: none"> • Today and tomorrow (21 July): Kalayaan Islands • Monday (22 July): CALABARZON, MIMAROPA, Bicol Region, Western Visayas, Zambales, Bataan, and Metro Manila. |

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| HAZARDS AFFECTING COASTAL WATERS |
| CARINA and the Southwest Monsoon will bring moderate seas (1.0-2.0 m) over the coastal waters along the eastern seaboard of Mindanao. Mariners of motor bancas and similarly-sized vessels are advised to take precautionary measures while venturing out to sea. |

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| TRACK AND INTENSITY OUTLOOK |
| <ul style="list-style-type: none"> • CARINA is forecast to move generally northwestward until tomorrow while gradually decelerating. It is then forecast to turn generally northward on Monday before accelerating northward or north northwestward over the Philippine Sea towards the Ryukyu archipelago from Tuesday (23 July) onwards. In general, CARINA will generally have a mainly offshore path over the next five days and remain far from the Philippine landmass. • CARINA is forecast to steadily intensify and reach tropical storm category within the next 12 to 24 hours. Beginning on Monday, the tropical cyclone will likely intensify further at a faster rate, eventually reaching typhoon category on Tuesday. |

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

Prepared by: PCDM

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