



## TROPICAL CYCLONE BULLETIN NO. 8

### Tropical Storm PAENG (NALGAE)

Issued at 5:00 AM, 28 October 2022

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

#### "PAENG" SLIGHTLY INTENSIFIES WHILE MOVING WEST NORTHWESTWARD OVER THE PHILIPPINE SEA

##### Location of Center (4:00 AM)

The center of Tropical Storm "PAENG" was estimated based on all available data at **410 km East of Borongan City, Eastern Samar (11.8°N, 129.2°E)**

##### Intensity

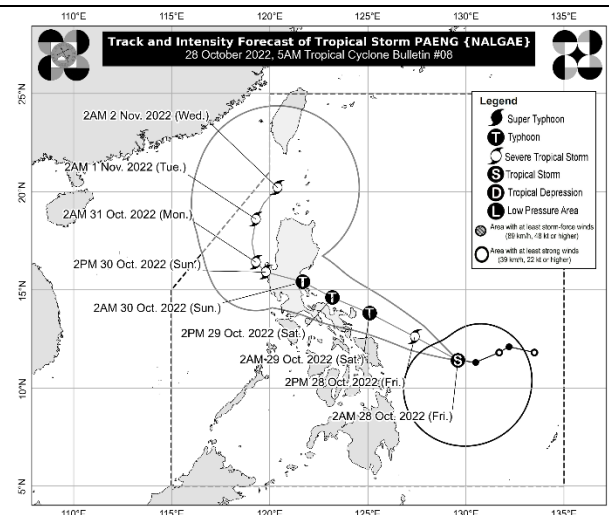
Maximum sustained winds of **75 km/h** near the center, gustiness of up to **90 km/h**, and central pressure of **992 hPa**

##### Present Movement

**West northwestward at 15 km/h**

##### Extent of Tropical Cyclone Winds

**Strong to gale-force winds** extend outwards up to **480 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><br>2:00 PM<br>28 October 2022   | 12.6            | 127.4     | 300 km East of Catarman, Northern Samar  | 95         | STS  | WNW 25                         |
| <b>24-Hour Forecast</b><br>2:00 AM<br>29 October 2022   | 13.8            | 125.1     | 100 km East Northeast of Virac, Catanduanes                                      | 120        | TY   | WNW 25                         |
| <b>36-Hour Forecast</b><br>2:00 PM<br>29 October 2022   | 14.6            | 123.2     | 55 km North Northeast of Daet, Camarines Norte or 165 km East of Infanta, Quezon | 140        | TY   | WNW 20                         |
| <b>48-Hour Forecast</b><br>2:00 AM<br>30 October 2022   | 15.4            | 121.7     | Over the coastal waters of San Luis, Aurora                                      | 150        | TY   | WNW 15                         |
| <b>60-Hour Forecast</b><br>2:00 PM<br>30 October 2022   | 15.9            | 119.8     | Over the coastal waters of Dasol, Pangasinan                                     | 110        | STS  | WNW 20                         |
| <b>72-Hour Forecast</b><br>2:00 AM<br>31 October 2022   | 16.4            | 119.3     | Over the coastal waters of Bolinao, Pangasinan                                   | 100        | STS  | NW Slowly                      |
| <b>96-Hour Forecast</b><br>2:00 AM<br>01 November 2022  | 18.6            | 119.3     | 140 km West Northwest of Laoag City, Ilocos Norte                                | 100        | STS  | N 10                           |
| <b>120-Hour Forecast</b><br>2:00 AM<br>02 November 2022 | 20.2            | 120.4     | 165 km West of Basco, Batanes  | 100        | STS  | NNE 10                         |



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| TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT      |  |  |  |
|---|--|--|--|
| TCWS No.  | Luzon  | Visayas  | Mindanao   |
| <b>2</b><br>Wind threat:<br><b>Gale-force winds</b> | <b>Catanduanes, Albay, Sorsogon, and the eastern portion of Camarines Sur</b> (Caramoan, Garchitorena, Presentacion, Lagonoy, Goa, San Jose, Tigaon, Iriga City, Saglay, Buhi) | <b>Northern Samar and the northern portion of Eastern Samar</b> (Jipapad, Arteche, Oras, San Policarpo, Maslog, Dolores, Can-Avid, Taft)   | -  |
|   | Warning lead time: <b>24 hours</b><br>Potential impacts of winds: <b>Minor to moderate threat to life and property</b>   |  |  |
| <b>1</b><br>Wind threat:<br><b>Strong winds</b>     | <b>Masbate including Ticao and Burias Islands, Camarines Norte, the rest of Camarines Sur, Romblon, Marinduque, Quezon including Pollilo Islands, Laguna, and Rizal</b>        | <b>Samar, the rest of Eastern Samar, Biliran, Leyte, Southern Leyte, and the northern portion of Cebu</b> (Daanbantayan, Medellin, San Remigio, Tabogon, City of Bogo, Borbon) <b>including Bantayan and Camotes Islands</b> | <b>Dinagat Islands, Surigao del Norte including Siargao and Bucas Grande Islands and the northern portion of Surigao del Sur</b> (Carrascal, Cantilan, Madrid, Carmen, Lanuza, Cortes, City of Tandag, Bayabas, Tago, Cagwait) |
|   | Warning lead time: <b>36 hours</b><br>Potential impacts of winds: <b>Minimal to minor threat to life and property</b>  |  |  |



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#### HAZARDS AFFECTING LAND AREAS

##### Heavy Rainfall

- *Today through tomorrow early morning:* Heavy to intense with at times torrential rains possible over Bicol Region, Northern Samar, Samar, and Eastern Samar. Moderate to heavy with at times intense rains over Western Visayas, Marinduque, Romblon, Quezon, and the rest of Eastern Visayas. Light to moderate with at times heavy rains possible over Caraga, Zamboanga Peninsula, BARMM, Northern Mindanao, mainland Cagayan Valley, Aurora, Rizal, Laguna, and the rest of Visayas.
- *Tomorrow early morning through Sunday morning:* Heavy to intense with at times torrential rains possible over CALABARZON, Bicol Region, Aurora, Nueva Vizcaya, Quirino. Moderate to heavy with at times intense rains over Metro Manila, mainland Cagayan Valley, Cordillera Administrative Region, Western Visayas, Marinduque, Romblon, Mindoro Provinces, and the rest of Central Luzon. Light to moderate with at times heavy rains possible over the rest of Luzon and Visayas.
- Under these conditions, **flooding and rain-induced landslides are expected**, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities with significant antecedent rainfall.
- **Heavy rain areas may be updated** in the succeeding bulletins **should there be significant shifts in the track and intensity forecast** of PAENG.

##### Severe Winds

- Winds may reach gale-force strength during the passage of PAENG within any of the areas where Tropical Cyclone Wind Signal No. 2 is hoisted. Strong winds may be experienced within any of the areas where Tropical Cyclone Wind Signal (TCWS) No. 1 is hoisted throughout the entire passage of PAENG.
- Per latest track and intensity forecast, **the highest wind signal that will likely be hoisted is Wind Signal No. 4** in anticipation of typhoon-force conditions associated with PAENG.
- The surge of the Northeast Monsoon enhanced will also bring **strong winds with gusts reaching gale-force strength** over Batanes, Babuyan Islands, Ilocos Provinces, the northern and eastern portions of mainland Cagayan, the eastern portions of Isabela, and the northern portion of Apayao.

##### Coastal Inundation

There is minimal to moderate risk of storm surge of up to 2.0 m in height which may cause **flooding in the low-lying and exposed coastal areas** of Catanduanes, Albay, Camarines Norte, Polillo Islands and the northern and eastern portions of Camarines Sur. For more information refer to Storm Surge Watch #3 issued at 2:00 AM today.

#### HAZARDS AFFECTING COASTAL WATERS

Under the influence of the surge of the Northeast Monsoon, a **marine gale warning** is in effect over the seaboard of Northern Luzon and the eastern seaboard of Central Luzon, Southern Luzon, Visayas, and Mindanao. For more information, refer to Gale Warning #10 issued at 5:00 AM today.



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#### **TRACK AND INTENSITY OUTLOOK**

- Tropical Storm PAENG will move west northwestward over the Philippine Sea through Sunday while moving towards central or southern portion of Luzon. On the forecast track, PAENG may make landfall or pass very close to Catanduanes tomorrow morning. Another landfall scenario is likely on Sunday morning over Aurora or the east coast of Quezon (including Polillo Islands). Considering the southward shift in the forecast track, a possible landfall in the eastern portion of Bicol Region is not ruled out at this time.
- PAENG is forecast to further intensify while moving over the warm waters of the Philippine Sea. It is forecast to reach typhoon category as it moves very close to Bicol Region. The occurrence of rapid intensification within 48 hours.

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**