



## TROPICAL CYCLONE BULLETIN NR. 15

### Super Typhoon NANDO (RAGASA)

Issued at 11:00 AM, 21 September 2025

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

#### NANDO INTENSIFIES INTO A SUPER TYPHOON.

##### Location of Center (10:00 AM)

The center of the eye of Super Typhoon NANDO was estimated based on all available data at **535 km East of Tuguegarao City, Cagayan (18.1°N, 126.8°E)**.

##### Intensity

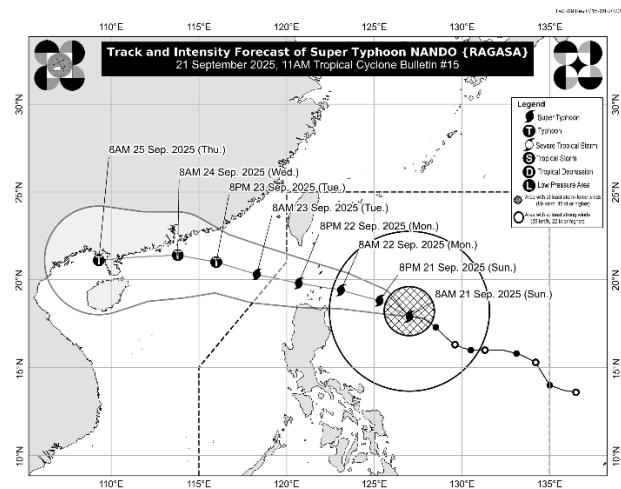
Maximum sustained winds of **185 km/h** near the center, gustiness of up to **230 km/h**, and central pressure of **930 hPa**

##### Present Movement

**Westward at 15 km/h**

##### Extent of Tropical Cyclone Winds

**Strong to typhoon-force winds extend outwards up to 530 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>8:00 PM<br>21 September 2025 | 18.8            | 125.3     | 390 km East of Aparri, Cagayan                           | 195        | STY  | WNW 15                         |
| <b>24-Hour Forecast</b><br>8:00 AM<br>22 September 2025 | 19.4            | 123.1     | 170 km East of Calayan, Cagayan                          | 205        | STY  | WNW 20                         |
| <b>36-Hour Forecast</b><br>8:00 PM<br>22 September 2025 | 19.8            | 120.7     | 100 km Northwest of Calayan, Cagayan                     | 205        | STY  | W 20                           |
| <b>48-Hour Forecast</b><br>8:00 AM<br>23 September 2025 | 20.3            | 118.3     | 385 km West of Basco, Batanes<br>(OUTSIDE PAR)           | 185        | STY  | WNW 20                         |
| <b>60-Hour Forecast</b><br>8:00 PM<br>23 September 2025 | 21.0            | 116.0     | 625 km West of Basco, Batanes<br>(OUTSIDE PAR)           | 175        | TY   | WNW 20                         |
| <b>72-Hour Forecast</b><br>8:00 AM<br>24 September 2025 | 21.4            | 113.8     | 840 km West of Extreme Northern Luzon<br>(OUTSIDE PAR)   | 155        | TY   | WNW 20                         |
| <b>96-Hour Forecast</b><br>8:00 AM<br>25 September 2025 | 21.1            | 109.3     | 1,305 km West of Extreme Northern Luzon<br>(OUTSIDE PAR) | 120        | TY   | W 20                           |



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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> | <p><b>Batanes, Cagayan including Babuyan Islands, the northern and eastern portions of Isabela</b> (San Mariano, Ilagan City, Tumauini, Cabagan, Palanan, Divilacan, Maconacon, San Pablo, Santa Maria, Santo Tomas, Delfin Albano, Quezon), <b>Apayao, the eastern portion of Kalinga</b> (Rizal, City of Tabuk, Pinukpuk), <b>and the northern portion of Ilocos Norte</b> (Vintar, Carasi, Adams, Dumalneg, Pagudpud, Bangui, Burgos, Pasuquin)</p> <p>Warning lead time: <b>24 hours</b><br/> Range of wind speeds: <b>62 to 88 km/h (Beaufort 8 to 9)</b><br/> Potential impacts of winds: <b>Minor to moderate threat to life and property</b></p>  | -       | -        |
| <b>1</b><br>Wind threat:<br><b>Strong winds</b>     | <p><b>The rest of Isabela, Quirino, Nueva Vizcaya, the rest of Kalinga, Abra, Mountain Province, Ifugao, Benguet, the rest of Ilocos Norte, Ilocos Sur, La Union, Pangasinan, the northern portion of Zambales</b> (Santa Cruz, Candelaria, Masinloc, Palaui), <b>the northern and central portions of Nueva Ecija</b> (Carranglan, Lupao, San Jose City, Pantabangan, Bongabon, Laur, Gabaldon, General Mamerto Natividad, Rizal, Llanera, Talavera, Science City of Muñoz, Santo Domingo, Talugtug, Palayan City, Cuyapo, Nampicuan, Guimba, Licab, Quezon, Aliaga, Cabanatuan City, Santa Rosa, Zaragoza, Jaen, San Leonardo, General Tinio, Peñaranda), <b>the northern and central portions of Tarlac</b> (San Jose, City of Tarlac, La Paz, Victoria, Gerona, Paniqui, Moncada, San Manuel, Anao, Ramos, Pura, Camiling, San Clemente, Mayantoc, Santa Ignacia), <b>and Aurora</b></p> <p>Warning lead time: <b>36 hours</b><br/> Range of wind speeds: <b>39 to 61 km/h (Beaufort 6 to 7)</b><br/> Potential impacts of winds: <b>Minimal to minor threat to life and property</b></p> | -       | -        |



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#### OTHER HAZARDS AFFECTING LAND AREAS

##### Heavy Rainfall Outlook

Refer to Weather Advisory No. 7 issued at 11:00 AM today for the heavy rainfall outlook due to Tropical Cyclone NANDO and the Southwest Monsoon.

##### Severe Winds

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.

- **Minor to moderate impacts** from gale-force winds are possible within any of the localities where Wind Signal No. 2 is hoisted
- **Minimal to minor impacts** from strong winds are possible within any of the areas under Wind Signal No. 1.

The highest Wind Signal that may be hoisted throughout the passage of NANDO is Wind Signal No. 5.

The Southwest Monsoon and the trough of NANDO will bring **strong to gale-force gusts** over the following areas (especially in coastal and upland areas exposed to winds):

- **Today (21 September):** Metro Manila, Central Luzon (areas not under wind signal), CALABARZON, Bicol Region, MIMAROPA, Visayas, Northern Mindanao, Zamboanga Peninsula, Caraga, Davao Occidental, and Davao Oriental.
- **Tomorrow (22 September):** Metro Manila, Central Luzon (areas not under wind signal), CALABARZON, Bicol Region, MIMAROPA, Visayas, Northern Mindanao, Caraga, Zamboanga Peninsula, BARMM, SOCCSKSARGEN, Davao Occidental, and Davao Oriental.
- **Tuesday (23 September):** Metro Manila, Central Luzon (areas not under wind signal), CALABARZON, Bicol Region, MIMAROPA, Visayas, Northern Mindanao, Zamboanga Peninsula, and Dinagat Islands.



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#### HAZARDS AFFECTING COASTAL WATERS

**A Gale Warning is in effect over the northern and eastern seaboards of Northern Luzon.** Refer to Gale Warning No. 2 issued at 5:00 AM today.

##### 24-Hour Sea Condition Outlook

**Up to very rough, high, or very high seas over the following coastal waters:**

- Up to 14.0 m: The seaboards of Batanes and Babuyan Islands.
- Up to 10.0 m: The northeastern seaboard of mainland Cagayan.
- Up to 8.0 m: The remaining seaboards of mainland Cagayan; the northern seaboard of Ilocos Norte.
- Up to 5.5 m: The seaboard of Isabela
- Up to 4.5 m: The northeastern seaboard of Aurora; the remaining seaboard of Ilocos Norte.
- **Sea travel is risky for 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 3.5 m: The remaining seaboards of Aurora; the northern and eastern seaboards of Polillo Islands
- Up to 3.0 m: The seaboard of Camarines Norte; the northern seaboard of Camarines Sur; the northern and eastern seaboards of Catanduanes
- **Mariners of small seacrafts, including all types of motorbancas, are advised not to venture out to sea under these conditions, especially if inexperienced of operating ill-equipped vessels**

**Up to moderate seas over the following coastal waters:**

- Up to 2.5 m: The eastern seaboards of Albay and Sorsogon; the remaining seaboard of Camarines Sur; the northern and eastern seaboards of Northern Samar.
- **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.**

##### Coastal Inundation

There is a **high risk of life-threatening storm surge** with peak heights **exceeding 3.0 m** within the next 48 hours over the low-lying or exposed coastal localities of Batanes, Cagayan including Babuyan Islands, Ilocos Norte, and Ilocos Sur. Refer to **Storm Surge Warning No. 5 issued at 8:00 AM today** for the details.

#### TRACK AND INTENSITY OUTLOOK

- NANDO will begin to turn west northwestward today, moving towards Extreme Northern Luzon. On the forecast track, the center of NANDO may pass close or may make landfall over Batanes or Babuyan Islands by tomorrow (22 September) afternoon or evening. It may exit the Philippine Area of Responsibility by Tuesday (23 September) early morning.
- NANDO is forecast to further intensify before it approaches Extreme Northern Luzon.

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**

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Prepared by: PCDM

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

  
Checked by: CFP