



TROPICAL CYCLONE BULLETIN NR. 13

Typhoon NANDO (RAGASA)

Issued at 11:00 PM, 20 September 2025

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

“NANDO” FURTHER INTENSIFIES AS IT CONTINUES TO TRAVERSE THE PHILIPPINE SEA.

Location of Center (10:00 PM)

The center of the eye of Typhoon NANDO was estimated based on all available data at **710 km East of Echague, Isabela** or **695 km East of Tuguegarao City, Cagayan** (**17.5°N, 128.3°E**).

Intensity

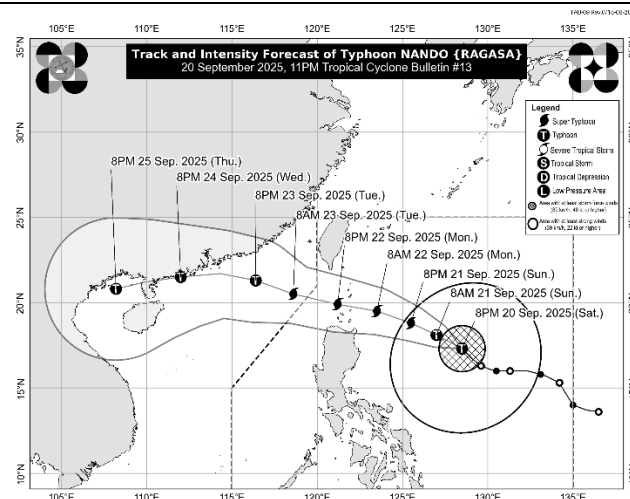
Maximum sustained winds of **155 km/h** near the center, gustiness of up to **190 km/h**, and central pressure of **950 hPa**

Present Movement

Northwestward 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. | |
| 12-Hour Forecast 8:00 AM 21 September 2025 | 18.1 | 127.0 | 570 km East of Aparri, Cagayan | 175 | TY | WNW 15 |
| 24-Hour Forecast 8:00 PM 21 September 2025 | 18.8 | 125.5 | 430 km East of Calayan, Cagayan | 185 | STY | WNW 15 |
| 36-Hour Forecast 8:00 AM 22 September 2025 | 19.5 | 123.5 | 215 km East of Calayan, Cagayan | 195 | STY | WNW 20 |
| 48-Hour Forecast 8:00 PM 22 September 2025 | 19.9 | 121.2 | 100 km Southwest of Basco, Batanes | 195 | STY | WNW 20 |
| 60-Hour Forecast 8:00 AM 23 September 2025 | 20.5 | 118.6 | 350 km West of Basco, Batanes (OUTSIDE PAR) | 185 | STY | W 20 |
| 72-Hour Forecast 8:00 PM 23 September 2025 | 21.3 | 116.4 | 570 km West of Itbayat, Batanes (OUTSIDE PAR) | 175 | TY | WNW 20 |
| 96-Hour Forecast 8:00 PM 24 September 2025 | 21.5 | 112.0 | 860 km West of Extreme Northern Luzon (OUTSIDE PAR) | 155 | TY | W 20 |
| 120-Hour Forecast 8:00 PM 25 September 2025 | 20.8 | 108.2 | 1,420 km West of Extreme Northern Luzon (OUTSIDE PAR) | 120 | TY | W 15 |



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| TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT | | | |
|---|---|---------|----------|
| TCWS No. | Luzon | Visayas | Mindanao |
| 1 Wind threat: Strong winds | Batanes, Cagayan including Babuyan Islands, Isabela, Quirino, Apayao, Kalinga, Abra, Mountain Province, Ifugao, Benguet, Nueva Vizcaya, Ilocos Norte, Ilocos Sur, La Union, the eastern portion of Pangasinan (Umingan, San Quintin, San Nicolas, San Manuel, Sison, Pozorrubio, San Fabian, Mangaldan, San Jacinto, Binalonan, Asingan, Tayug, Natividad, Santa Maria, Balungao, Rosales, Manaoag, Laoac, City of Urdaneta, Villasis, Santo Tomas, Mapandan, Santa Barbara), the northern portion of Nueva Ecija (Carranglan, Lupao, San Jose City, Pantabangan, Bongabon, Laur, Gabaldon, General Mamerto Natividad, Rizal, Llanera, Talavera, Science City of Muñoz, Santo Domingo, Talugtug, Palayan City), the northern and central portions of Aurora (Dilasag, Casiguran, Dinalungan, Dipaculao, Baler, Maria Aurora, San Luis), and the northern and central portions of Catanduanes (Pandan, Caramoran, Bagamanoc, Panganiban, Viga, Gigmoto, San Miguel, Baras) | - | - |
| 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 |
|--|
| Heavy Rainfall Outlook Refer to Weather Advisory No. 5 issued at 11:00 PM 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. <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. 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): <ul style="list-style-type: none">Today (20 September): Bicol Region, Eastern Visayas, and CaragaTomorrow (21 September): Metro Manila, Central Luzon (areas not under wind signal), CALABARZON, Bicol Region, MIMAROPA, Visayas, Northern Mindanao, Caraga, Davao Occidental, and Davao Oriental.Monday (22 September): Central Luzon (areas not under wind signal), Metro Manila, CALABARZON, Bicol Region, MIMAROPA, Visayas, Northern Mindanao, Zamboanga Peninsula, BARMM, SOCCSKSARGEN, Davao Occidental, and Davao Oriental. |

Prepared by: RCIT

Checked by: SMRR

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HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is in effect over the northern and eastern seaboard of Northern Luzon. Refer to Gale Warning No. 1 issued at 5:00 PM today.

24-Hour Sea Condition Outlook

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

- **Up to 11 m:** The seaboard of Babuyan Islands; the northeastern seaboard of mainland Cagayan
- **Up to 8.0 m:** The seaboard of Batanes; the remaining seaboard of mainland Cagayan.
- **Up to 5.5 m:** The seaboard of Isabela
- **Up to 4.5 m:** The northeastern seaboard of Aurora; the northern 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 seaboard of Aurora; the northern and eastern seaboard of Polillo Islands
- **Up to 3.0 m:** The remaining seaboard of Ilocos Norte; the northern and eastern seaboard 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 seaboard Albay and Sorsogon; the northern and eastern seaboard of Camarines Sur, Camarines Norte, and 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.3 issued at 8:00 PM today** for the details.

TRACK AND INTENSITY OUTLOOK

- NANDO will begin turning west northwestward towards Extreme Northern Luzon. On the forecast track, the center of NANDO may pass close or may make landfall over Batanes or Babuyan Islands between Monday (22 September) afternoon or evening. It may exit the Philippine Area of Responsibility by Tuesday (23 September) morning.
- NANDO will continue to intensify while over the Philippine Sea. It may reach super typhoon category tomorrow 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 AM tomorrow.

DOST-PAGASA

Prepared by:  **RCIT**

Page 3 of 3

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