



TROPICAL CYCLONE BULLETIN NR. 21

Super Typhoon NANDO (RAGASA)

Issued at 8:00 AM, 22 September 2025

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

"NANDO" FURTHER INTENSIFIES AS IT BEGINS TO TURN WESTWARD, THREATENING THE BABUYAN ISLANDS.

Location of Center (7:00 AM)

The center of the eye of Super Typhoon NANDO was estimated based on all available data including from Aparri Doppler Weather Radar at **180 km East of Calayan, Cagayan (19.3°N, 123.2°E)**.

Intensity

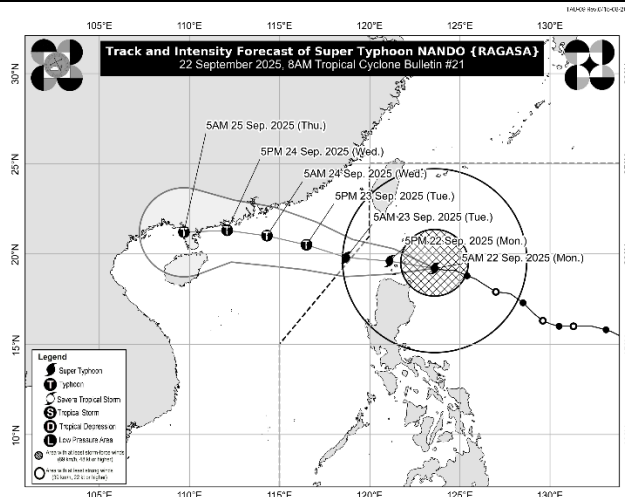
Maximum sustained winds of **215 km/h** near the center, gustiness of up to **265 km/h**, and central pressure of **910 hPa**

Present Movement

Westward at 20 km/h

Extent of Tropical Cyclone Winds

Strong to typhoon-force winds extend outwards up to **600 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 5:00 PM 22 September 2025	19.6	121.1	Over the coastal waters of Calayan, Cagayan	205	STY	W 20
24-Hour Forecast 5:00 AM 23 September 2025	19.8	118.7	295 km West Northwest of Calayan, Cagayan (OUTSIDE PAR)	185	STY	W 20
36-Hour Forecast 5:00 PM 23 September 2025	20.5	116.5	570 km West of Basco, Batanes (OUTSIDE PAR)	165	TY	WNW 20
48-Hour Forecast 5:00 AM 24 September 2025	21.0	114.3	785 km West of Itbayat, Batanes (OUTSIDE PAR)	155	TY	WNW 20
60-Hour Forecast 5:00 PM 24 September 2025	21.3	112.1	1,015 km West of Extreme Northern Luzon (OUTSIDE PAR)	150	TY	W 20
72-Hour Forecast 5:00 AM 25 September 2025	21.2	109.7	1,260 km West of Extreme Northern Luzon (OUTSIDE PAR)	130	TY	W 20



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
5 Wind threat: Typhoon- force winds	The northern and central portions of Babuyan Islands (Babuyan Isl., Didicas Isl., Panuitan Isl., Calayan Isl., Dalupri Isl., Irao Isl., Camiguin Isl., Pamuktan Isl.) Warning lead time: 12 hours Range of wind speeds: 185 km/h or higher (Beaufort 12) Potential impacts of winds: Extreme threat to life and property	-	-
4 Wind threat: Typhoon- force winds	The southeastern portion of Batanes (Basco, Mahatao, Ivana, Uyugan, Sabtang), the rest of Babuyan Islands, the northeastern and northwestern portion of mainland Cagayan (Santa Ana, Santa Praxedes, Claveria, Sanchez-Mira), the northernmost portion of Ilocos Norte (Pagudpud) Warning lead time: 12 hours Range of wind speeds: 118 to 184 km/h (Beaufort 12) Potential impacts of winds: Significant to severe threat to life and property	-	-
3 Wind threat: Storm-force winds	The rest of Batanes, the northern and central portions of mainland Cagayan (Gonzaga, Lal-Lo, Gattaran, Baggao, Alcala, Santo Niño, Lasam, Allacapan, Camalaniugan, Buguey, Santa Teresita, Aparri, Ballesteros, Abulug, Pamplona, Rizal, Amulung, Piat), the northern and central portions of Apayao (Flora, Santa Marcela, Pudtol, Luna, Calanasan, Kabugao), and the northern and central portions of Ilocos Norte (Carasi, Piddig, Vintar, Bacarra, Pasuquin, Burgos, Bangui, Dumalneg, Adams, Nueva Era, Solsona, Dingras, Sarrat, Laoag City, San Nicolas, Currimao, Paoay, City of Batac, Marcos, Banna) Warning lead time: 18 hours Range of wind speeds: 89 to 117 km/h (Beaufort 10 to 11) Potential impacts of winds: Moderate to significant threat to life and property	-	-
2 Wind threat: Gale-force winds	The rest of Cagayan, Isabela, the rest of Apayao, Abra, Kalinga, Mountain Province, Ifugao, the northern portion of Benguet (Mankayan, Buguias, Bakun, Kibungan), the northeastern portion of Nueva Vizcaya (Diadi), the rest of Ilocos Norte, Ilocos Sur, and the northern portion of La Union (Sudipen, Bangar, Luna, Balaoan, Santol) Warning lead time: 24 hours Range of wind speeds: 62 to 88 km/h (Beaufort 8 to 9) Potential impacts of winds: Minor to moderate threat to life and property	-	-
1 Wind threat: Strong winds	Quirino, the rest of Nueva Vizcaya, the rest of Benguet, the rest of La Union, Pangasinan, Aurora, Nueva Ecija, Bulacan, Tarlac, Pampanga, Zambales, and the northern portion of Quezon (General Nakar) including Polillo Islands 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	-	-

Prepared by: RCIT

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Checked by: SMRR



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OTHER HAZARDS AFFECTING LAND AREAS

Heavy Rainfall Outlook

Refer to Weather Advisory No. 10 issued at 5:00 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.

- **Extreme impacts** from typhoon-force winds are possible within any of the areas under Wind Signal No. 5.
- **Significant to severe impacts** from typhoon-force winds are possible within any of the areas under Wind Signal No. 4.
- **Moderate to significant impacts** from storm-force winds are possible within any of the areas under Wind Signal No. 3.
- **Minor to moderate impacts** from gale-force winds are possible within any of the areas under Wind Signal No. 2.
- **Minimal to minor impacts** from strong winds are possible within any of the areas under Wind Signal No. 1.

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 (22 September):** Metro Manila, Central Luzon (areas not under wind signal), CALABARZON, Bicol Region, MIMAROPA, Visayas, Northern Mindanao, Caraga, Zamboanga Peninsula, BARMM, SOCCSKSARGEN, and Davao Region.
- **Tomorrow (23 September):** Metro Manila, Central Luzon (areas not under wind signal), CALABARZON, Bicol Region, MIMAROPA, Visayas, Zamboanga Peninsula, and Dinagat Islands.
- **Wednesday (24 September):** Ilocos Region, Cordillera Administrative Region, Cagayan Valley, Central Luzon, Metro Manila, CALABARZON, Bicol Region, MIMAROPA, and Panay Island.



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HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is in effect over the seaboard of Northern Luzon and the eastern seaboard of Central Luzon. Refer to Gale Warning No. 4 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 seaboard of Batanes and Babuyan Islands.
- **Up to 12.0 m:** The northern seaboard of Ilocos Norte
- **Up to 10.0 m:** The northern seaboard of mainland Cagayan; the remaining seaboard of Ilocos Norte.
- **Up to 8.0 m:** The northwestern seaboard of Ilocos Sur; the remaining seaboard of mainland Cagayan
- **Up to 5.5 m:** The remaining seaboard of Ilocos Sur; the seaboard of Isabela, and the western seaboard of Pangasinan
- **Up to 5.0 m:** The northeastern seaboard of Aurora; the northwestern seaboard of La Union
- **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 4.0 m:** The seaboard of Zambales; the remaining seaboard of Aurora; the northern and eastern seaboard of Polillo Islands
- **Up to 3.0 m:** The remaining seaboard of La Union and Pangasinan; the seaboard of Bataan, Lubang Island, and Camarines Norte; the northern seaboard of Camarines Sur; the northern and eastern seaboard of Catanduanes; the northwestern seaboard of Occidental Mindoro; the western seaboard of Calamian Islands
- **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 of Albay and Sorsogon; the remaining seaboard of Camarines Sur; the northern and eastern seaboard of Northern Samar and Eastern Samar; the seaboard of Kalayaan Islands and Palawan; the remaining seaboard of Calamian Islands and Occidental Mindoro; the southern seaboard of Quezon and Marinduque; the northern seaboard of Romblon; the northwestern seaboard of Burias Island
- **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 24 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. 9** issued at 8:00 AM today for the details.



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TRACK AND INTENSITY OUTLOOK

- NANDO will continue moving westward towards the Babuyan Islands. On the forecast track, the center of NANDO may pass close or may make landfall over Babuyan Islands between noon and early afternoon today. It may exit the Philippine Area of Responsibility by tomorrow (23 September) morning.
- NANDO may maintain its strength or further intensify before its close approach to Babuyan Islands.

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

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