



TROPICAL CYCLONE BULLETIN NR. 10
Severe Tropical Storm NIKA (TORAJI)

Issued at 2:00 AM, 11 November 2024

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

“NIKA” MAINTAINS ITS STRENGTH OVER THE SEA EAST OF AURORA.

Location of Center (1:00 AM)

The center of Severe Tropical Storm NIKA was estimated based on all available data including Baler and Daet Weather Radars at **190 km East of Baler, Aurora or 145 km East Southeast of Casiguran, Aurora (15.8°N, 123.4°E)**

Intensity

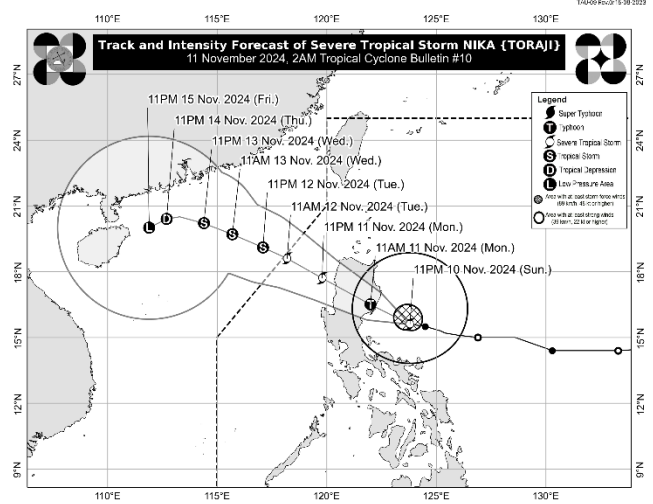
Maximum sustained winds of **110 km/h** near the center, gustiness of up to **135 km/h**, and central pressure of **980 hPa**

Present Movement

Westward at 25 km/h

Extent of Tropical Cyclone Winds


Strong to storm-force winds extend outwards up to **340 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 11:00 AM 11 November 2024	16.5	122.0	In the vicinity of Maddela, Quirino	130	TY	WNW 20
24-Hour Forecast 11:00 PM 11 November 2024	17.7	119.8	Over the coastal waters of San Vicente, Ilocos Sur	110	STS	WNW 20
36-Hour Forecast 11:00 AM 12 November 2024	18.6	118.2	250 km West of Laoag City, Ilocos Norte	100	STS	WNW 15
48-Hour Forecast 11:00 PM 12 November 2024	19.1	117.1	460 km West of Calayan, Cagayan (OUTSIDE PAR)	95	TS	WNW 10
60-Hour Forecast 11:00 AM 13 November 2024	19.7	115.7	605 km West of Calayan, Cagayan (OUTSIDE PAR)	85	TS	WNW 15
72-Hour Forecast 11:00 PM 13 November 2024	20.2	114.4	750 km West of Calayan, Cagayan (OUTSIDE PAR)	75	TS	WNW 10
96-Hour Forecast 11:00 PM 14 November 2024	20.4	112.7	925 km West of Extreme Northern Luzon (OUTSIDE PAR)	55	TD	W Slowly
120-Hour Forecast 11:00 PM 15 November 2024	20.0	111.9	1005 km West of Extreme Northern Luzon (OUTSIDE PAR)	-	LOW	WSW Slowly

Prepared by:  **PCDM**

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
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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
3 Wind threat: Storm-force winds	The southern portion of Cagayan (Enrile, Solana, Tuao, Tuguegarao City), Isabela, the northern portion of Quirino (Diffun, Cabarroguis, Aglipay, Maddela, Saguday), the northern portion of Nueva Vizcaya (Diadi, Bagabag, Quezon, Solano, Villaverde, Kasibu, Ambaguio, Bayombong), the southern portion of Apayao (Cervantes, Quirino, San Emilio), Abra, Kalinga, Mountain Province, Ifugao, the eastern portion of Ilocos Sur (Cervantes, Quirino, San Emilio), and the northern portion of Aurora (Dilasag, Casiguran, Dinalungan)	-	-
	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	Ilocos Norte, the rest of Ilocos Sur, La Union, the northeastern portion of Pangasinan (San Nicolas, Natividad, San Quintin, Sison, San Manuel, Umingan, Tayug), the rest of Apayao, Benguet, the central portion of Cagayan (Iguig, Peñablanca, Baggao, Alcala, Amulung, Santo Niño, Rizal, Piat, Gattaran, Lasam, Santa Praxedes, Claveria, Sanchez-Mira, Pamplona, Abulug, Allacapan, Ballesteros, Lal-Lo, Aparri, Camalaniugan, Buguey, Santa Teresita, Gonzaga), the rest of Quirino, the rest of Nueva Vizcaya, the central portion of Aurora (Dipaculao, Maria Aurora, Baler), and the northern portion of Nueva Ecija (Carranglan, Pantabangan, Lupao, San Jose City)	-	-
	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	The rest of Cagayan including Babuyan Islands, the rest of Pangasinan, the rest of Aurora, Tarlac, the northern and central portions of Zambales (Santa Cruz, Candelaria, Masinloc, Palauig, Iba, Botolan, Cabangan, San Marcelino, San Felipe, San Narciso), the rest of Nueva Ecija, Pampanga, Bulacan, Metro Manila, Rizal, the eastern portion of Laguna (Santa Maria, Mabitac, Pakil, Pangil, Famy, Siniloan, Paete, Kalayaan, Cavinti, Lumban, Luisiana, Santa Cruz, Magdalena, Pagsanjan, Majayjay, Liliw, Nagcarlan, Pila, Victoria), the eastern portion of Quezon (Calauag, Guinayangan, Tagkawayan, Pitogo, Buenavista, Pagbilao, Infanta, Lopez, Unisan, Plaridel, Quezon, Alabat, Sampaloc, Padre Burgos, Macalelon, Mauban, Perez, Agdangan, Gumaca, Atimonan, Real, General Nakar, Lucban, City of Tayabas, Lucena City) including Polillo Islands, Camarines Norte, the northern portion of Camarines Sur (Siruma, Tinambac, Goa, Lagonoy, Caramoan, Cabusao, Sipocot, Garchitorena, Ragay, Magarao, Del Gallego, Calabanga, Bombon, San Jose, Presentacion, Lupi, Libmanan), and the northern and central portions of Catanduanes (Pandan, Gigmoto, Bagamanoc, Panganiban, San Miguel, Viga, Caramoran, San Andres)	-	-
	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		

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OTHER HAZARDS AFFECTING LAND AREAS

Heavy Rainfall Outlook

Refer to Weather Advisory No. 10 issued at 2:00 AM today for the heavy rainfall outlook due to Tropical Cyclone "NIKA".

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.

- **Moderate to significant impacts** from gale-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 highest Wind Signal which may be hoisted during the occurrence of NIKA is **Wind Signal No. 4**.

Furthermore, the northeasterly wind flow will also bring **strong to gale-force gusts** over the following areas (especially in coastal and upland areas exposed to winds):

- **Today (11 November):** Batanes, Bataan, Cavite, Batangas, Lubang Island, Marinduque, Romblon, Camarines Sur, and Catanduanes
- **Tomorrow (12 November):** Batanes, Cagayan including Babuyan Islands, La Union, and Pangasinan

Coastal Inundation

There is a **moderate to high risk of storm surge** that may occur in the next 48 hours in the low-lying or exposed coastal localities of Ilocos Norte, Ilocos Sur, La Union, Pangasinan, Cagayan including Babuyan Islands, Isabela, Zambales, Aurora, Quezon including Polillo Islands, Camarines Norte, Camarines Sur, and Catanduanes. **For more information, refer to Storm Surge Warning No. 6 issued at 2:00 AM today.**

HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the eastern seaboard of Luzon. For more information, refer to Gale Warning No. 2 issued at 5:00 PM today.

24-Hour Sea Condition Outlook

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

- **Up to 8.0 m:** The seaboard of Isabela and northern Aurora
- **Up to 5.5 m:** The remaining seaboard of Aurora; the northern and eastern seaboard of Polillo Islands; the seaboard of Camarines Norte
- **Up to 4.5 m:** the western seaboard of Ilocos Norte; the eastern seaboard of mainland Cagayan; the northern seaboard of Camarines Sur;
- **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.**



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Up to rough seas over the following coastal waters:

- **Up to 4.0 m:** The seaboard of Catanduanes, mainland Cagayan, and Ilocos Norte; the seaboard of Babuyan Islands
- **Up to 3.5 m:** The seaboard of Batanes; the remaining seaboard of Ilocos Region
- **Up to 3.0 m:** The eastern seaboard of mainland Quezon, Catanduanes, Albay, and Sorsogon; the northern seaboard of Northern Samar; the remaining seaboard of Polillo Islands.
- **Mariners of small seacrafts, including all types of motorbancas, are advised not to venture out to sea under these conditions, especially if inexperienced or operating ill-equipped vessels.**

Up to moderate seas over the following coastal waters:

- **Up to 2.5 m:** The eastern seaboard of Northern Samar.
- **Up to 2.0 m:** The eastern seaboard of Eastern Samar and Dinagat Islands; the seaboard of Kalayaan Islands.
- **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.**

TRACK AND INTENSITY OUTLOOK


- NIKA is forecast to move generally west northwestward throughout the forecast period. On the track forecast, it may make landfall over Isabela or northern Aurora this morning. **Regardless of the position of the landfall point, it must be emphasized that hazards on land and coastal waters may still be experienced in areas outside the landfall point or forecast confidence cone.** The tropical cyclone will then traverse the landmass of mainland Luzon and emerge over the sea west of Ilocos Sur tonight. Afterwards, NIKA will continue to move west northwestward over West Philippine Sea and exit the Philippine Area of Responsibility by tomorrow (12 November) morning or afternoon.
- NIKA is forecast to reach typhoon category within the next 12 hours and **may reach its peak intensity prior to landfall.** A short period of weakening is expected as NIKA traverses the landmass of Luzon due to land interaction. Re-intensification may occur over the West Philippine Sea.

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 today.

DOST-PAGASA

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