



TROPICAL CYCLONE BULLETIN NR. 11
Typhoon NIKA (TORAJI)

Issued at 5:00 AM, 11 November 2024

Valid for broadcast until the next bulletin at 8:00 AM today.

“NIKA” INTENSIFIED INTO A TYPHOON OVER THE SEA EAST OF AURORA.

Location of Center (4:00 AM)

The center of Typhoon NIKA was estimated based on all available data including Baler and Daet Weather Radars at **100 km East Southeast of Casiguran, Aurora (16.0°N, 123.0°E)**

Intensity

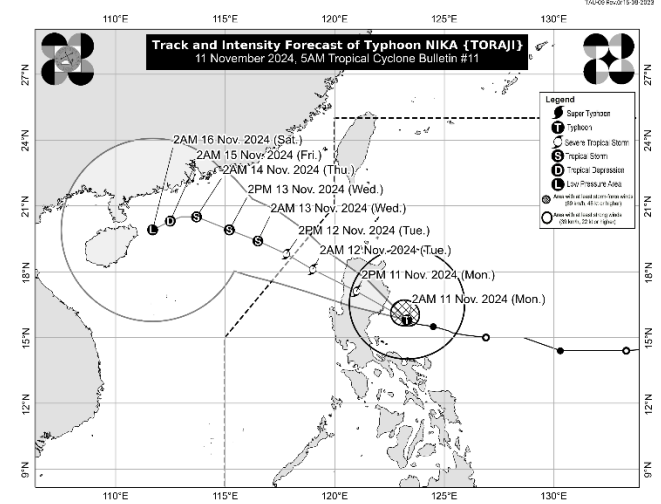
Maximum sustained winds of **120 km/h** near the center, gustiness of up to **150 km/h**, and central pressure of **970 hPa**

Present Movement

West northwestward at 20 km/h

Extent of Tropical Cyclone Winds

Strong to typhoon-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 2:00 PM 11 November 2024	17.1	121.0	In the vicinity of Bontoc, Mountain Province	110	STS	WNW 25
24-Hour Forecast 2:00 AM 12 November 2024	18.1	119.0	165 km West of Laoag City, Ilocos Norte	100	STS	WNW 20
36-Hour Forecast 2:00 PM 12 November 2024	18.8	117.8	390 km West of Calayan, Cagayan (OUTSIDE PAR)	100	STS	WNW 10
48-Hour Forecast 2:00 AM 13 November 2024	19.4	116.5	520 km West of Calayan, Cagayan (OUTSIDE PAR)	85	TS	WNW 15
60-Hour Forecast 2:00 PM 13 November 2024	19.9	115.2	660 km West of Calayan, Cagayan (OUTSIDE PAR)	75	TS	WNW 10
72-Hour Forecast 2:00 AM 14 November 2024	20.5	113.7	850 km West of Calayan, Cagayan (OUTSIDE PAR)	65	TS	WNW 15
96-Hour Forecast 2:00 AM 15 November 2024	20.3	112.5	945 km West of Extreme Northern Luzon (OUTSIDE PAR)	45	TD	W Slowly
120-Hour Forecast 2:00 AM 16 November 2024	19.9	111.7	1025 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
4 Wind threat: Typhoon-force winds	The northernmost portion of Aurora (Dilasag, Casiguran), the central and southern portions of Isabela (Dinapigue, San Mariano, San Guillermo, Jones, Echague, Ramon, San Isidro, City of Santiago, Cordon, Roxas, Burgos, Reina Mercedes, Naguilian, Benito Soliven, Gamu, San Manuel, Aurora, San Mateo, Cabatuan, Alicia, Luna, City of Cauayan, Angadanan, Quezon, Mallig, Quirino, Ilagan City, Delfin Albano, San Agustin), the southeastern portion of Abra (Tubo, Boliney, Daguioman, Bucloc, Malibcong), the central and eastern portions of Mountain Province (Sadanga, Bontoc, Barlig, Natonin, Paracelis), the eastern portion of Ifugao (Aguinaldo, Mayoyao, Alfonso Lista), and the western and southern portions of Kalinga (Tanudan, Tinglayan, Pasil, Lubuagan, Balbalan, City of Tabuk)		
	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 northern portion of Aurora (Dinalungan), the northeastern portion of Nueva Vizcaya (Diadi, Bagabag, Quezon, Solano, Villaverde, Kasibu, Ambaguio, Bayombong), the northern portion of Quirino (Diffun, Cabarroguis, Aglipay, Saguday, Maddela), the rest of Isabela, the southwestern portion of Cagayan (Enrile, Solana, Tuao, Tuguegarao City, Rizal, Piat), the rest of Abra, the southern portion of Apayao (Conner, Kabugao), the rest of Kalinga, the rest of Mountain Province, the rest of Ifugao, the northern portion of Benguet (Buguias, Mankayan, Bakun), the southern portion of Ilocos Norte (Laoag City, Sarrat, San Nicolas, Piddig, Marcos, Nueva Era, Dingras, Bacarra, Solsona, Paoay, Currimao, Pinili, Badoc, City of Batac, Banna), and Ilocos Sur	-	-
	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 central portion of Aurora (Dipaculao, Maria Aurora, Baler), the rest of Nueva Vizcaya, the rest of Quirino, the northwestern and eastern portions of Cagayan (Iguig, Peñablanca, Baggao, Alcala, Amulung, Santo Niño, Gattaran, Lasam, Santa Praxedes, Claveria, Sanchez-Mira, Pamplona, Abulug, Allacapan, Ballesteros, Lal-Lo, Aparri, Camalaniugan, Buguey, Santa Teresita, Gonzaga), the rest of Apayao, the rest of Benguet, the rest of Ilocos Norte, La Union, the northeastern portion of Pangasinan (San Nicolas, Natividad, San Quintin, Sison, San Manuel, Umingan, Tayug), 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		

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<p>1</p> <p>Wind threat: Strong winds</p>	<p>The rest of Aurora, the rest of Cagayan including Babuyan Islands, the rest of Pangasinan, the rest of Nueva Ecija, Bulacan, Pampanga, Tarlac, the northern and central portions of Zambales (Santa Cruz, Candelaria, Masinloc, Palauig, Iba, Botolan, Cabangan, San Marcelino, San Felipe, San Narciso), 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 northern and eastern portions of Quezon (Calauag, Infanta, Quezon, Alabat, Sampaloc, Mauban, Perez, Real, General Nakar, Tagkawayan, Guinayangan) including Pollilo Islands, Camarines Norte, and the northeastern portion of Camarines Sur (Siruma, Tinambac, Garchitorena, Lagonoy)</p>	-	-
<p>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</p>			

OTHER HAZARDS AFFECTING LAND AREAS

Heavy Rainfall Outlook

Refer to Weather Advisory No. 11 issued at 5:00 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.

- **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.

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):** Ilocos Sur, La Union, Pangasinan, Batanes, and Cagayan including Babuyan Islands

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, Isabel, 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.**

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HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the eastern seaboard of Luzon and the northern and western seaboards of Northern Luzon. For more information, refer to Gale Warning No. 3 issued at 5:00 AM today.

24-Hour Sea Condition Outlook

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

- **Up to 8.0 m:** The seaboards of Isabela and northern Aurora
- **Up to 5.5 m:** The remaining seaboard of Aurora; the eastern seaboard of mainland Cagayan
- **Up to 5.0 m:** The seaboards of Ilocos Norte and Ilocos Sur
- **Up to 4.5 m:** The northern and eastern seaboards of Polillo Islands; the seaboard of Camarines Norte, the northern seaboards of Camarines Sur and Catanduanes
- **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 Babuyan Islands; the northern seaboard of mainland Cagayan
- **Up to 3.5 m:** The seaboard of Batanes; the remaining seaboards of Ilocos Region
- **Up to 3.0 m:** The eastern seaboard of mainland Quezon; the remaining seaboard of Polillo Islands; the 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 or operating ill-equipped vessels.**

Up to moderate seas over the following coastal waters:

- **Up to 2.5 m:** The seaboard of Zambales; the eastern seaboards of Albay and Sorsogon
- **Up to 2.0 m:** The northern and eastern seaboards of Northern Samar; the eastern seaboard of Eastern Samar; 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 until Thursday (14 November) before turning generally southwestward on Friday (15 November) onwards. 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 today and emerge over the sea west of Ilocos Sur this evening. 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 may further intensify over the next hours prior to landfall. It may weaken into a severe tropical storm while traversing mainland Luzon due to land interaction. After traversing Luzon, a generally weakening trend may be expected for this tropical cyclone until it becomes a remnant low over the sea near southern China.

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 8:00 AM today.

DOST-PAGASA

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