



TROPICAL CYCLONE BULLETIN NR. 21
Typhoon JULIAN (KRATHON)

Issued at 11:00 PM, 30 September 2024

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

“JULIAN” MAINTAINS ITS STRENGTH AS IT CONTINUES TO MOVE WESTWARD OVER THE LUZON STRAIT

Location of Center (10:00 PM)

The center of the eye of Typhoon JULIAN was estimated based on all available data **155 km West Southwest of Itbayat, Batanes (20.5°N, 120.4°E)**

Intensity

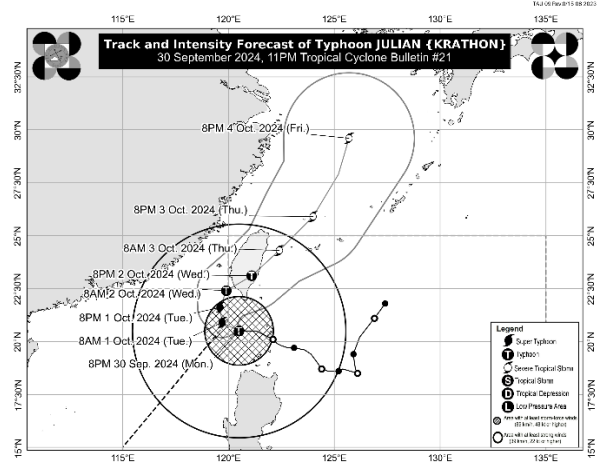
Maximum sustained winds of **175 km/h** near the center, gustiness of up to **215 km/h**, and central pressure of **935 hPa**

Present Movement

Westward at 15 km/h

Extent of Tropical Cyclone Winds

Strong to typhoon-force winds extend outwards up to **560 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 01 October 2024 | 20.9 | 119.7 | 225 km West of Itbayat, Batanes (OUTSIDE PAR) | 185 | STY | WNW 10 |
| 24-Hour Forecast 8:00 PM 01 October 2024 | 21.6 | 119.6 | 250 km West Northwest of Itbayat, Batanes (OUTSIDE PAR) | 185 | STY | N Slowly |
| 36-Hour Forecast 8:00 AM 02 October 2024 | 22.4 | 119.9 | 270 km Northwest of Itbayat, Batanes (OUTSIDE PAR) | 165 | TY | NNE 10 |
| 48-Hour Forecast 8:00 PM 02 October 2024 | 23.1 | 121.1 | 270 km North Northwest of Itbayat, Batanes or in the vicinity of Taitung County, Taiwan | 130 | TY | ENE 10 |
| 60-Hour Forecast 8:00 AM 03 October 2024 | 24.3 | 122.4 | 395 km North of Itbayat, Batanes | 110 | STS | NE 15 |
| 72-Hour Forecast 8:00 PM 03 October 2024 | 25.9 | 124.0 | 610 km North Northeast of Itbayat, Batanes (OUTSIDE PAR) | 100 | STS | NE 20 |
| 96-Hour Forecast 8:00 PM 04 October 2024 | 29.6 | 125.7 | 1,055 km North Northeast of Extreme Northern Luzon (OUTSIDE PAR) | 95 | STS | NNE 20 |

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| TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT | | | |
|--|--|---------|----------|
| TCWS No. | Luzon | Visayas | Mindanao |
| 3 Wind threat: Storm-force winds | Batanes | - | - |
| | 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 | Babuyan Islands, Ilocos Norte, the northern portion of Apayao (Calanasan, Luna), and the northwestern portion of mainland Cagayan (Santa Praxedes, Claveria, Sanchez-Mira, Abulug, Pamplona) | - | - |
| | 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 | Ilocos Sur, La Union, Pangasinan, the rest of Apayao, Kalinga, Abra, Mountain Province, Ifugao, Benguet, the rest of mainland Cagayan, Isabela, Quirino, Nueva Vizcaya, the northern portion of Aurora (Dilasag, Casiguran, Dinalungan), and the northern portion of Nueva Ecija (Carranglan, Lupao, Pantabangan) | - | - |
| | 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 |
|---|
| <p><u>Heavy Rainfall Outlook</u></p> <p>Refer to Weather Advisory No. 21 issued at 11:00 PM today for the heavy rainfall outlook due to Typhoon JULIAN.</p> <p><u>Severe Winds</u></p> <p>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 weaker in areas sheltered from the prevailing wind direction.</p> <ul style="list-style-type: none"> • Moderate to significant impacts from storm-force winds are possible within any of the localities where Wind Signal No. 3 is hoisted. • 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. <p>Furthermore, the wind flow coming towards the circulation of JULIAN may also bring strong to gale-force gusts over the following areas (especially in coastal and upland areas exposed to winds):</p> <ul style="list-style-type: none"> • Tonight through tomorrow (1 October): Ilocos Region, Cordillera Administrative Region, the northern and eastern portions of mainland Cagayan, the eastern portion of Isabela, Aurora, Zambales, Bataan, Metro Manila, CALABARZON, Romblon, and Camarines Norte • Wednesday (2 October): Ilocos Norte, Ilocos Sur, Abra, Apayao, Batanes, Babuyan Islands, the northern and eastern portions of mainland Cagayan, and the eastern portion of Isabela • Thursday (3 October): Batanes and Babuyan Islands |

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Coastal Inundation

There is a **moderate to high risk of life-threatening storm surge** in the next 48 hours over the low-lying or exposed coastal localities of Batanes and Babuyan Islands. For more information, refer to Storm Surge Warning No. 6 issued at 8:00 PM today.

HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the northern and western seaboard of Northern Luzon. For more information, refer to Gale Warning No. 8A issued at 11:00 PM today.

24-Hour Sea Condition Outlook

High seas over the following coastal waters:

- **Up to 9.0 m** over the seaboard of Batanes
- **Up to 8.0 m** over the seaboard Babuyan Islands

Sea travel is risky 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.

Very rough seas over the following coastal waters:

- **Up to 7.0 m** over the seaboard of Ilocos Norte
- **Up to 4.5 m** over the seaboard of northwestern mainland Cagayan and the seaboard of northern Ilocos Sur

Sea travel is risky for most types or tonnage of vessels, including all small seacrafts and motorbancas. Mariners are advised to remain in port or seek safe shelter or harbor.

Moderate or rough seas over the following coastal waters:

- **Up to 3.5 m** over the remaining seaboard of Cagayan
- **Up to 3.0 m** over the remaining seaboard of Ilocos Region and the seaboard of Isabela
- **Up to 2.5 m** over the seaboard of northern Aurora.

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

TRACK AND INTENSITY OUTLOOK

- Although moving westward in the near term, Typhoon JULIAN is forecast to turn west northwestward tomorrow (1 October) morning, then begin recurving towards the waters southwest of Taiwan. On the track forecast, JULIAN may briefly leave the Philippine Area of Responsibility (PAR) tomorrow and make landfall along the southwestern coast of Taiwan on Wednesday (2 October) morning or afternoon. It will then cross the rugged terrain of Taiwan before emerging over the waters east of Taiwan on Wednesday evening or Thursday (3 October) early morning. Afterwards, JULIAN will accelerate north northeastward towards the East China Sea and exit the PAR region on Thursday morning or afternoon.
- JULIAN is forecast to reach super typhoon category within the next 24 hours, although there is possibility that the typhoon has already reached its peak intensity. Increasing interaction with the mountainous terrain of Taiwan will slightly weaken JULIAN prior to making landfall. Its passage over Taiwan will result in JULIAN being downgraded into a severe tropical storm on Thursday.

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

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