



**TROPICAL CYCLONE BULLETIN NR. 16**  
**Typhoon JULIAN (KRATHON)**

Issued at 5:00 AM, 30 September 2024

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

**BATANES AND NORTHEASTERN BABUYAN ISLANDS ARE NOW EXPERIENCING VIOLENT WINDS AS JULIAN CONTINUES TO MOVE OVER THE BALINTANG CHANNEL**

**Location of Center (4:00 AM)**

The center of the eye of Typhoon JULIAN was estimated based on all available data **over the coastal waters of Balintang Is., Calayan, Cagayan (19.9°N, 122.2°E)**

**Intensity**

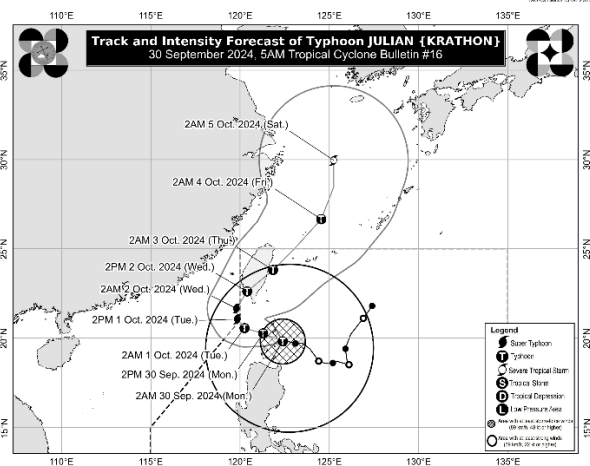
Maximum sustained winds of **155 km/h** near the center, gustiness of up to **190 km/h**, and central pressure of **950 hPa**

**Present Movement**

**Westward at 10 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.	
<b>12-Hour Forecast</b> 2:00 PM 30 September 2024	20.3	121.3	Over the coastal waters of Sabtang, Batanes	165	TY	WNW 10
<b>24-Hour Forecast</b> 2:00 AM 01 October 2024	20.6	120.3	160 km West of Itbayat, Batanes	175	TY	WNW 10
<b>36-Hour Forecast</b> 2:00 PM 01 October 2024	21.1	119.9	205 km West of Itbayat, Batanes (OUTSIDE PAR)	185	STY	NW Slowly
<b>48-Hour Forecast</b> 2:00 AM 02 October 2024	21.7	119.8	235 km West Northwest of Itbayat, Batanes (OUTSIDE PAR)	185	STY	N Slowly
<b>60-Hour Forecast</b> 2:00 PM 02 October 2024	22.6	120.4	250 km Northwest of Itbayat, Batanes or in the vicinity of Kaohsiung City, Taiwan	150	TY	NNE 10
<b>72-Hour Forecast</b> 2:00 AM 03 October 2024	23.8	121.9	335 km North of Itbayat, Batanes	130	TY	NE 15
<b>96-Hour Forecast</b> 2:00 AM 04 October 2024	26.7	124.6	715 km North Northeast of Itbayat, Batanes (OUTSIDE PAR)	120	TY	NE 15
<b>120-Hour Forecast</b> 2:00 AM 05 October 2024	30.0	125.3	1,085 km North Northeast of Extreme Northern Luzon (OUTSIDE PAR)	110	STS	N 15

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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
<b>4</b> Wind threat: <b>Typhoon-force winds</b>	<b>Batanes and the northern portion of Babuyan Islands (Babuyan Is., Calayan Is.)</b>	-	-
	Warning lead time: <b>12 hours</b> Range of wind speeds: <b>118 to 184 km/h (Beaufort 12)</b> Potential impacts of winds: <b>Significant to severe threat to life and property</b>		
<b>3</b> Wind threat: <b>Storm-force winds</b>	<b>The rest of Babuyan Islands and the northeastern portion of mainland Cagayan (Santa Ana)</b>	-	-
	Warning lead time: <b>18 hours</b> Range of wind speeds: <b>89 to 117 km/h (Beaufort 10 to 11)</b> Potential impacts of winds: <b>Moderate to significant threat to life and property</b>		
<b>2</b> Wind threat: <b>Gale-force winds</b>	<b>The rest of mainland Cagayan, Apayao, and Ilocos Norte</b>	-	-
	Warning lead time: <b>24 hours</b> Range of wind speeds: <b>62 to 88 km/h (Beaufort 8 to 9)</b> Potential impacts of winds: <b>Minor to moderate threat to life and property</b>		
<b>1</b> Wind threat: <b>Strong winds</b>	<b>Ilocos Sur, La Union, Pangasinan, Abra, Kalinga, Ifugao, Mountain Province, Benguet, Isabela, Nueva Vizcaya, Quirino, Aurora, the northern and eastern portions of Nueva Ecija (Cuyapo, Rizal, Laur, Pantabangan, Science City of Muñoz, Gabaldon, Carranglan, San Jose City, Lupao, Talugtug, Bongabon, Llanera, Talavera, Palayan City, General Mamerto Natividad), and Polillo Islands</b>	-	-
	Warning lead time: <b>36 hours</b> Range of wind speeds: <b>39 to 61 km/h (Beaufort 6 to 7)</b> Potential impacts of winds: <b>Minimal to minor threat to life and property</b>		

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**OTHER HAZARDS AFFECTING LAND AREAS**

**Heavy Rainfall Outlook**

Refer to Weather Advisory No. 16 issued at 5:00 AM today for the heavy rainfall outlook due to Typhoon JULIAN.

**Severe Winds**

The peak of devastating typhoon-force winds will be felt over areas under Wind Signal No. 4 between this morning and afternoon.

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.

- **Significant to severe impacts** from typhoon-force winds are possible within any of the localities where Wind Signal No. 4 is hoisted.
- **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.

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):

- **Today (30 September):** Pangasinan, Aurora, Zambales, Bataan, Metro Manila, CALABARZON, Romblon, and Bicol Region
- **Tomorrow (1 October):** Ilocos Region, Cordillera Administrative Region, northern and eastern portions of mainland Cagayan, the eastern portion of Isabela, Aurora, Zambales, Bataan, Metro Manila, CALABARZON, Romblon, Camarines Norte, Camarines Sur, and Catanduanes
- **Wednesday (2 October):** Batanes, Babuyan Islands, Ilocos Norte, Ilocos Sur, Apayao, and Abra

**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, Babuyan Islands, and northern mainland Cagayan. For more information, refer to Storm Surge Warning No. 3 issued at 2:00 AM today.



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### HAZARDS AFFECTING COASTAL WATERS

**A Gale Warning is hoisted over the seaboard of Northern Luzon.** For more information, refer to Gale Warning No. 6 issued at 5:00 AM today.

#### 24-Hour Sea Condition Outlook

**Very high seas** over the following coastal waters:

- **Up to 14.0 m** over the seaboard of Batanes
- **Up to 10.0 m** over the seaboard of 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 6.0 m** over the northern seaboard of Ilocos Norte
- **Up to 5.0 m** over the northern seaboard of mainland Cagayan and the remaining seaboard of Ilocos Norte

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

### TRACK AND INTENSITY OUTLOOK

- JULIAN is forecast to move generally west northwestward over the Balintang Channel today and **pass very close to Balintang Island and Batanes**. A landfall scenario over these areas remains likely. **Nevertheless, this typhoon will be at its closest to Batanes and Babuyan Islands this morning through afternoon.**
- The typhoon will begin recurving tomorrow (1 October) while moving slowly, then turn generally northeastward on Wednesday (2 October) towards the southwestern coast of Taiwan, where it is forecast to make landfall on Wednesday morning or afternoon. JULIAN may briefly leave the Philippine Area of Responsibility (PAR) during this period but bulletins are expected to continue. The typhoon will then cross the rugged terrain of Taiwan and emerge over the waters east of Taiwan by Thursday (3 October) morning. Afterwards, the typhoon will gradually accelerate northeastward towards the East China Sea and exit the PAR region on Thursday morning or afternoon.
- JULIAN will continue intensifying and may reach super typhoon category tomorrow at the start of its recurvature. Interaction with the rugged terrain of Taiwan will trigger a weakening trend prior to landfall, although JULIAN is forecast to remain as a typhoon until it exits the PAR region.

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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