

Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

Management System ISO 9001:2015 TÜVRheinland CERTIFIED





Weather Division

TROPICAL CYCLONE BULLETIN NR. 28 Typhoon JULIAN (KRATHON)

Issued at 5:00 PM, 02 October 2024 Valid for broadcast until the next bulletin at 11:00 PM today.

"JULIAN" SLIGHTLY ACCELERATED WHILE MOVING TOWARDS SOUTHERN TAIWAN.

Location of Center (4:00 PM)

The center of the eye of Typhoon JULIAN was estimated based on all available data at 275 km West Northwest of Itbayat, Batanes (OUTSIDE PAR) (22.0°N, 119.5°E)

Intensity

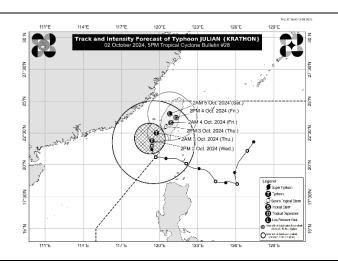
Maximum sustained winds of 165 km/h near the center, gustiness of up to 205 km/h, and central pressure of 945 hPa

Present Movement

Northward at 15 km/h

Extent of Tropical Cyclone Winds

Strong to typhoon-force winds extend outwards up to 380 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	dir. and speed (km/h)
12-Hour Forecast 2:00 AM 03 October 2024	22.5	119.8	285 km Northwest of Itbayat, Batanes (OUTSIDE PAR)	150	TY	NNE Slowly
24-Hour Forecast 2:00 PM 03 October 2024	23.0	120.5	280 km North Northwest of Itbayat, Batanes or in the vicinity of Kaoshiung City, Taiwan	110	STS	NE 10
36-Hour Forecast 2:00 AM 04 October 2024	23.3	120.9	295 km North Northwest of Itbayat, Batanes or in the vicinity of Kaoshiung City, Taiwan	75	TS	NE Slowly
48-Hour Forecast 2:00 PM 04 October 2024	23.7	121.3	330 km North of Itbayat, Batanes or in the vicinity of Hualien County, Taiwan	55	TD	NE Slowly
60-Hour Forecast 2:00 AM 05 October 2024	24.0	120.8	375 km North Northwest of Itbayat, Batanes or in the vicinity of Nantou County, Taiwan	-	LOW	WNW Slowly

Prepared by: PCDM

Checked by

"tracking the sky...helping the country."

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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT								
TCWS No.	Luzon	Visayas	Mindanao					
Wind threat: Strong winds	Batanes, Babuyan Islands (Babuyan Is., Calayan Is., Dalupiri Is., Fuga Is.), and the northern and western portions of Ilocos Norte (Bangui, Burgos, Pagudpud)	-	-					
	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

Heavy Rainfall Outlook

Refer to Weather Advisory No. 28F issued at 5:00 PM today for the heavy rainfall outlook due to JULIAN.

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 weaker in areas sheltered from the prevailing wind direction.

Minimal to minor impacts from strong winds are possible within any of the areas under Wind Signal No. 1.

HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the northern seaboard of Northern Luzon. For more information, refer to Gale Warning No. 12 issued at 5:00 PM today.

24-Hour Sea Condition Outlook

Very rough seas over the following coastal waters:

• Up to 4.5 m over the seaboards of Batanes and Babuyan Islands

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 seaboard of llocos Norte
- Up to 3.5 m over the remaining seaboards of Ilocos Region and the northeastern seaboard of mainland Cagayan
- Up to 3.0 m over the seaboard of Zambales
- Up to 2.5 m over the remaining seaboard of Cagayan

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

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TRACK AND INTENSITY OUTLOOK

- There has been a significant change in the track forecast of JULIAN. The typhoon is still forecast to turn northeastward towards the southwestern coast of Taiwan, where it is expected to make landfall tomorrow (3 October) morning after entering the northwestern boundary of the Philippine Area of Responsibility. Despite the re-entry, no direct effect is anticipated over the country except for Batanes which is relatively close to Taiwan. After landfall, JULIAN is forecast to move slowly to almost stationary over the landmass of Taiwan, where it may become a remnant low by Saturday (5 October) while still within PAR but relatively far from any part if the country.
- At present, there is no dominant weather system influencing the general motion of JULIAN. As such, considerable shifts in the track forecast of succeeding bulletins are not ruled out.
- Due to a combination of incoming northeasterly wind flow over the East China Sea and Taiwan Strait and lower ocean heat content in its vicinity (which is related to upwelling of cooler waters caused by its slow movement for nearly two days). JULIAN is forecast to rapidly weaken. Further weakening is expected once JULIAN hits the landmass over Taiwan due to frictional effects. The tropical cyclone may become a remnant low on weekend.

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 PM today.

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