



TROPICAL CYCLONE BULLETIN NR. 23
Typhoon LEON (KONG-REY)

Issued at 11:00 AM, 31 October 2024

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

“LEON” WEAKENS INTO A TYPHOON AS IT PASSES CLOSE TO ORCHID ISLANDS IN SOUTHERN TAIWAN.

Location of Center (10:00 AM)

The center of the eye of Typhoon LEON was estimated based on all available data at **155 km North of Itbayat, Batanes (22.2°N, 121.9°E)**

Intensity

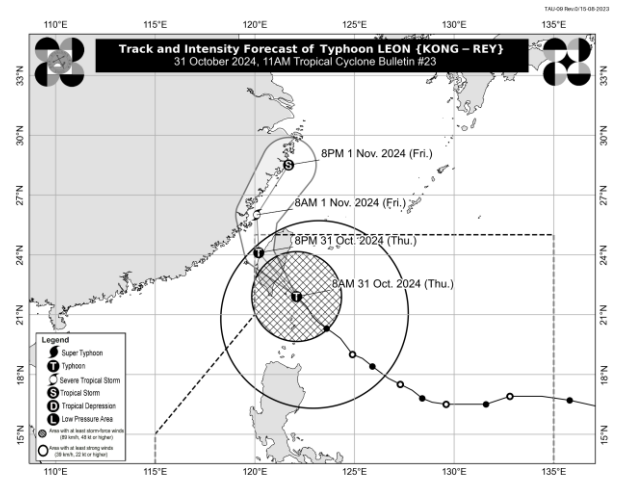
Maximum sustained winds of **175 km/h** near the center, gustiness of up to **215 km/h**, and central pressure of **930 hPa**

Present Movement

Northwestward at 25 km/h

Extent of Tropical Cyclone Winds

Strong to typhoon-force winds extend outwards up to **660 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 PM 31 October 2024	24.1	120.2	405 km North Northwest of Itbayat, Batanes	130	TY	NW 25
24-Hour Forecast 8:00 AM 01 November 2024	26.0	120.1	605 km North Northwest of Itbayat, Batanes (OUTSIDE PAR)	100	STS	N 20
36-Hour Forecast 8:00 PM 01 November 2024	28.5	121.7	860 km North of Extreme Northern Luzon (OUTSIDE PAR)	75	TS	NNE 25

Prepared by: *mb* RPG

Page 1 of 4
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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	-	-
	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	Mainland Cagayan, Isabela, Apayao, Abra, Kalinga, Mountain Province, Ifugao, the northern portion of Benguet (Mankayan, Bakun, Buguias), Ilocos Norte, and Ilocos Sur	-	-
	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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Page 2 of 4

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OTHER HAZARDS AFFECTING LAND AREAS

Heavy Rainfall Outlook

Refer to Weather Advisory No. 17 issued at 11:00 AM today for the Heavy Rainfall Outlook associated with LEON.

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 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 wind flow coming towards the circulation of LEON will also bring **gusty conditions (strong to gale-force)** over the following localities (especially in coastal and upland areas exposed to winds) outside Wind Signal areas:

- **Today (31 October):** Most of Cordillera Administrative Region, Quirino, Nueva Vizcaya, Aurora, Bataan, Metro Manila, CALABARZON, MIMAROPA, Bicol Region, Northern Samar and most of Western Visayas.
- **Tomorrow (1 November):** Batanes, Cagayan, and Isabela

Coastal Inundation

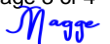
Within the next 48 hours, there is a **high risk of life-threatening storm surge with peak heights exceeding 3.0 m above normal tide levels** over the low-lying or exposed coastal localities of Batanes and Babuyan Islands. **Refer to Storm Surge Warning No. 9 issued at 8:00 AM today for the details.**

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Weather and Flood Forecasting Center
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Page 3 of 4


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HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the seaboard of Northern Luzon. Refer to Gale Warning No. 7A issued at 11:00 AM today for the details.

24-Hour Sea Condition Forecast

Up to very rough or high seas:

- **Up to 8.0 m:** The seaboard of Batanes.
- **Up to 5.5 m:** The seaboard of Babuyan Islands.
- **Up to 5.0 m:** The northern seaboard of Ilocos Norte
- **Up to 4.5 m:** The eastern seaboard of mainland Cagayan; the remaining seaboard of Ilocos Norte
- **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.**

Up to rough seas:

- **Up to 4.0 m:** The seaboards of Ilocos Sur, Isabela, and northern Aurora.
- **Up to 3.5 m:** The remaining seaboards of Ilocos Region.
- **Up to 3.0 m:** The northern and eastern seaboards of Polillo Islands and Catanduanes; the northern seaboard of Camarines Sur; the seaboard of Camarines Norte; the eastern seaboards of Eastern Samar and Northern Samar.
- **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:

- **Up to 2.5 m:** The western seaboards of Zambales, Bataan, Batangas, Occidental Mindoro including Lubang Islands, northern mainland Palawan, and Calamian Islands; the eastern seaboards of Albay, Sorsogon, Dinagat Islands, Surigao del Sur, Davao Oriental, and Davao Occidental; the northern seaboards of Polillo Islands and Northern Samar; the remaining seaboard of Aurora.
- **Up to 2.0 m:** The remaining seaboards of Central Luzon, CALABARZON, and MIMAROPA; the western seaboard of Aklan; the seaboard of Antique and Metro Manila.
- **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

- LEON is forecast to make landfall along the eastern coast of Taiwan this afternoon. After crossing the landmass of Taiwan, LEON will then turn northeastward over Taiwan Strait towards the East China Sea and exit the Philippine Area of Responsibility tonight or tomorrow early morning (1 November). A second landfall over mainland China is not ruled out during this period.
- LEON is forecast to weaken throughout the forecast period due to marginally favorable environment and increasing land interaction with Taiwan. Significant weakening is expected during its passage over the mountainous region of Taiwan.


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 PM today.

DOST-PAGASA

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Page 4 of 4

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