



TROPICAL CYCLONE BULLETIN NR. 20
Super Typhoon LEON (KONG-REY)

Issued at 2:00 AM, 31 October 2024

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

VIOLENT CONDITIONS ARE BEING EXPERIENCED OVER BATANES AS SUPER TYPHOON "LEON" CONTINUES TO MOVE NORTHWESTWARD OVER THE SEAS OF EXTREME NORTHERN LUZON.

Location of Center (1:00 AM)

The center of the eye of Super Typhoon LEON was estimated based on all available data at **115 km East Northeast of Basco, Batanes or 120 km East of Itbayat, Batanes (20.8°N, 123.0°E)**

Intensity

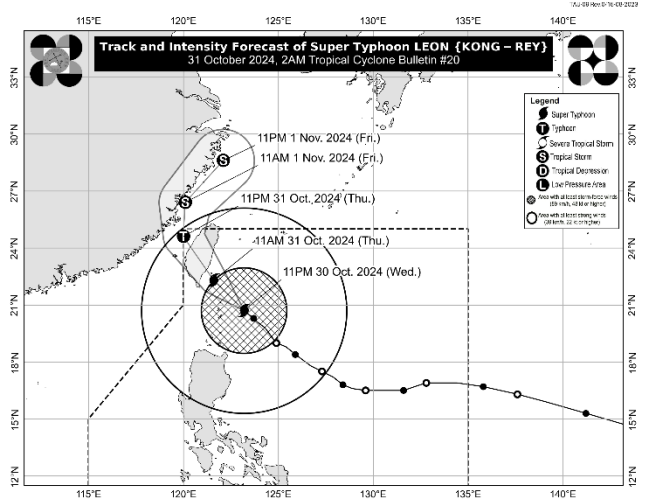
Maximum sustained winds of **195 km/h** near the center, gustiness of up to **240 km/h**, and central pressure of **920 hPa**

Present Movement

Northwestward at 25 km/h

Extent of Tropical Cyclone Winds

Strong to typhoon-force winds extend outwards up to **600 km** from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position		Location	Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)		MSW (km/h)	Cat.	
12-Hour Forecast 11:00 AM 31 October 2024	22.3	121.6	170 km North of Itbayat, Batanes	195	STY	NW 20
24-Hour Forecast 11:00 PM 31 October 2024	24.6	120.0	465 km North Northwest of Itbayat, Batanes	130	TY	NNW 25
36-Hour Forecast 11:00 AM 01 November 2024	26.4	120.1	650 km North Northwest of Itbayat, Batanes (OUTSIDE PAR)	85	TS	N 15
48-Hour Forecast 11:00 PM 01 November 2024	28.6	122.1	870 km North of Extreme Northern Luzon (OUTSIDE PAR)	65	TS	NE 25

Prepared by: *PCDM*

Checked by: *SFD*

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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
5 Wind threat: Typhoon-force winds	The northern and eastern portions of Batanes (Itbayat, Basco)	-	-
	Warning lead time: 12 hours Range of wind speeds: 185 km/h (Beaufort 12) Potential impacts of winds: Extreme threat to life and property		
4 Wind threat: Typhoon-force winds	The rest of Batanes	-	-
	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 eastern portion of Babuyan Islands (Babuyan Is., Camiguin Is., Calayan Is.), and the northeastern portion of mainland Cagayan (Santa Ana)	-	-
	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 rest of Babuyan Islands, the rest of mainland Cagayan, the northern portion of Isabela (Santo Tomas, Santa Maria, Quezon, Delfin Albano, San Pablo, Ilagan City, Tumauini, Cabagan, Palanan, Quirino, Divilacan, Mallig, Maconacon), Apayao, the northern portion of Kalinga (City of Tabuk, Balbalan, Pinukpuk, Rizal), the northern portion of Abra (Tineg, Lacub, Malibcong), and Ilocos Norte	-	-
	Warning lead time: 24 hours Range of wind speeds: 62 to 88 km/h (Beaufort 6 to 7) Potential impacts of winds: Minor to moderate threat to life and property		
1 Wind threat: Strong winds	The rest of Isabela, Quirino, Nueva Vizcaya, the rest of Abra, the rest of Kalinga, Mountain Province, Ifugao, Benguet, Ilocos Sur, La Union, the northern and central portions of Pangasinan (Basista, Lingayen, Villasis, City of Alaminos, Anda, Malasiqui, Tayug, San Fabian, Mangaldan, Mapandan, Burgos, Dagupan City, Binalonan, Bolinao, Alcala, San Manuel, Sual, Umingan, Asingan, Labrador, Bani, Santo Tomas, Pozorrubio, San Quintin, Santa Maria, City of Urdaneta, Laoac, Natividad, Mabini, San Carlos City, Manaog, Binmaley, San Jacinto, Bugallon, Agno, Calasiao, San Nicolas, Santa Barbara, Balungao, Sison, Rosales, Dasol), the northern and eastern portions of Nueva Ecija (Bongabon, Carranglan, Pantabangan, Laur, Rizal, Cuyapo, Talavera, Santo Domingo, Llanera, Science City of Muñoz, General Mamerto Natividad, San Jose City, Lupao, Talugtug, Gabaldon), and the northern and central portions of Aurora (Casiguran, Dinalungan, Baler, Maria Aurora, Dipaculao, San Luis, Dilasag)	-	-
	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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OTHER HAZARDS AFFECTING LAND AREAS

Heavy Rainfall Outlook

Refer to Weather Advisory No. 14 issued at 2:00 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.

- **Extreme impacts** from typhoon-force winds are possible within any of the areas under Wind Signal No. 5.
- **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 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 and Babuyan Islands

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. 8 issued at 2:00 AM today for the details.



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HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the seaboard of Northern Luzon and the eastern seaboard of Central and Southern Luzon. Refer to Gale Warning No. 5 issued at 5:00 PM yesterday for the details.

24-Hour Sea Condition Forecast

Up to very rough, high, or very high seas:

- **Up to 14.0 m:** The seaboard of Batanes.
- **Up to 12.0 m:** The seaboard of Babuyan Islands.
- **Up to 10.0 m:** The seaboard of northeastern mainland Cagayan.
- **Up to 6.0 m:** The northern seaboard of Ilocos Norte; the seaboard of Isabela; the remaining seaboard of Cagayan.
- **Up to 5.0 m:** The seaboard of northern Aurora.
- **Up to 4.5 m:** 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 northern and eastern seaboard of Polillo Islands and Catanduanes; the seaboard of Ilocos Sur and Camarines Norte; the northern seaboard of Camarines Sur.
- **Up to 3.5 m:** The remaining seaboard of Ilocos Region and Aurora; the northern and eastern seaboard of Northern Samar; the eastern seaboard of Albay, Sorsogon, and Eastern Samar.
- **Up to 3.0 m:** The eastern seaboard of Quezon (including the rest of Polillo Islands) and Dinagat Islands; the western seaboard of Zambales.
- **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 seaboard of Bataan, Batangas, Occidental Mindoro including Lubang Islands, northern mainland Palawan, and Calamian Islands; the eastern seaboard of Surigao del Sur, Davao Oriental, and Davao Occidental.
- **Up to 2.0 m:** The remaining seaboard of Luzon and the seaboard of Aklan and Capiz.
- **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 move northwestward over the seas of Extreme Northern Luzon until it makes landfall along the eastern coast of Taiwan by this afternoon. After crossing the landmass of Taiwan, LEON will then turn northward to north northeastward over the 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 will be closest to Batanes within the next 6 hours. A landfall in Batanes is not ruled out.**
- **This super typhoon will be near or at peak intensity during its closest point of approach to Batanes.** The landfall of LEON over Taiwan will result in a continuous weakening trend for the rest of the forecast period.

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 today.

DOST-PAGASA

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