



TROPICAL CYCLONE BULLETIN NR. 13
Typhoon LEON (KONG-REY)

Issued at 11:00 PM, 29 October 2024

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

TYPHOON "LEON" CONTINUES TO INTENSIFY OVER THE PHILIPPINE SEA.

Location of Center (10:00 PM)

The center of Typhoon LEON was estimated based on all available data at **450 km East of Aparri, Cagayan (18.4°N, 125.9°E)**

Intensity

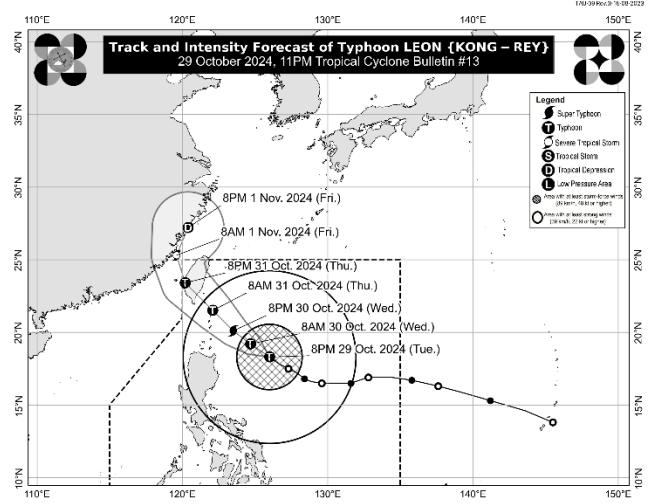
Maximum sustained winds of **155 km/h** near the center, gustiness of up to **190 km/h**, and central pressure of **945 hPa**

Present Movement

Northwestward at 15 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 AM 30 October 2024	19.2	124.7	340 km East of Calayan, Cagayan	175	TY	NW 15
24-Hour Forecast 8:00 PM 30 October 2024	20.1	123.5	165 km East Southeast of Basco, Batanes	185	STY	NW 15
36-Hour Forecast 8:00 AM 31 October 2024	21.5	122.1	85 km North Northeast of Itbayat, Batanes	175	TY	NW 20
48-Hour Forecast 8:00 PM 31 October 2024	23.4	120.2	335 km North Northwest of Itbayat, Batanes or in the vicinity of Chiayi Count, Taiwan	140	TY	NW 25
60-Hour Forecast 8:00 AM 01 November 2024	25.3	119.6	550 km North Northwest of Itbayat, Batanes or in the vicinity of Fujian, China (OUTSIDE PAR)	95	STS	NNW 20
72-Hour Forecast 8:00 PM 01 November 2024	27.2	120.4	730 km North Northwest of Itbayat, Batanes in the vicinity of Fujian, China (OUTSIDE PAR)	55	TD	NNE 20

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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
2 Wind threat: Gale-force winds	Batanes, Cagayan including Babuyan Islands, the northern and eastern portions of Isabela (Santo Tomas, Santa Maria, Quezon, San Mariano, Naguilian, Dinapigue, Delfin Albano, San Pablo, Ilagan City, Benito Soliven, Tumauni, Cabagan, Palanan, Quirino, Divilacan, Gamu, Mallig, Maconacon, Burgos, City of Cauayan, San Guillermo, Angadanan, Cabatuan, Luna, Reina Mercedes, Roxas, Aurora, San Manuel), Apayao, Kalinga, the northern and eastern portions of Abra (Tineg, Lacub, Malibcong, Lagayan, San Juan, Lagangilang, Licuan-Baay, Daguioan), the eastern portion of Mountain Province (Paracelis), 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 Mountain Province, Ifugao, Benguet, the rest of Abra, Ilocos Sur, La Union, the eastern portion of Nueva Ecija (General Tinio, Gabaldon, Bongabon, Carranglan, Pantabangan, Laur, Rizal), Aurora, the northern portion of Quezon (Infanta, General Nakar) including Polillo Islands, Camarines Norte, the northern portion of Camarines Sur (Siruma, Tinambac, Lagonoy, Garchitorena, Caramoan), and the northern and eastern portions of Catanduanes (Pandan, Gigmoto, Bagamanoc, Panganiban, Viga, Baras, Caramoran)	-	-
	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. 7 issued at 11:00 PM today for the Heavy Rainfall Outlook associated with LEON.</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 less strong in areas sheltered from the prevailing wind direction.</p> <ul style="list-style-type: none"> • 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. <p>The highest Wind Signal which may be hoisted during the occurrence of LEON is Wind Signal No. 3 or 4, especially in Batanes and Babuyan Islands. The hoisting of Wind Signal No. 5 is also not ruled out.</p> <p>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:</p> <ul style="list-style-type: none"> • Today (29 October): Bataan, Metro Manila, CALABARZON, MIMAROPA, Bicol Region, Visayas, Dinagat Islands, Surigao del Norte, and Camiguin. • Tomorrow (30 October): Bataan, Metro Manila, CALABARZON, MIMAROPA, Bicol Region, most of Visayas, and Dinagat Islands. • Thursday (31 October): Aurora, Quezon, MIMAROPA, Bicol Region, and Dinagat Islands. <p><u>Coastal Inundation</u></p> <p>There is a moderate to high risk of life-threatening storm surge reaching 2.0 to 3.0 m above normal tide levels in the next 48 hours over the low-lying or exposed coastal localities of Batanes and Cagayan including Babuyan Islands. Refer to Storm Surge Warning No. 3 issued at 8:00 PM today for the details.</p>

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HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the seaboard of Northern Luzon and the eastern seaboards of Central and Southern Luzon. Refer to Gale Warning No. 3 issued at 5:00 PM today for the details.

24-Hour Sea Condition Forecast

Up to very rough or high seas:

- **Up to 10.0 m:** The seaboards of Batanes, Babuyan Islands and northeastern mainland Cagayan
- **Up to 8.0 m:** The remaining eastern seaboard of mainland Cagayan
- **Up to 7.0 m:** The seaboards of Isabela; the remaining northern seaboard of mainland Cagayan
- **Up to 6.0 m:** The northern seaboard of Ilocos Norte.
- **Up to 4.5 m:** The seaboard of northern Aurora; the northern seaboard of Catanduanes
- **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 remaining seaboard of Ilocos Norte; the northern and eastern seaboard of Polillo Islands, the seaboard of Camarines Norte; the northern seaboards of Camarines Sur; the eastern seaboard of Catanduanes.
- **Up to 3.5 m:** The seaboard of Ilocos Sur; the eastern seaboards of Albay and Sorsogon; the northern and eastern seaboards of Northern Samar.
- **Up to 3.0 m:** The eastern seaboard of mainland Quezon, Camarines Sur, Eastern Samar, and Dinagat Islands; the remaining seaboards of Ilocos Region.
- **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 seaboards of Zambales, Surigao del Norte, Surigao del Sur, Davao Oriental, and Kalayaan Islands
- **Up to 2.0 m:** The remaining seaboards of Luzon and Visayas; the northern seaboard of Mindanao.
- **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 Philippine Sea until it makes landfall along the eastern coast of Taiwan on Thursday (31 October) afternoon. After crossing the landmass of Taiwan, LEON will then turn to the north northwestward to north northeastward over the Taiwan Strait towards the East China Sea and exit the Philippine Area of Responsibility on Thursday evening or Friday early morning (1 November). A second landfall over mainland China is not ruled out during this period.
- **LEON will be closest to Batanes from Thursday early morning to noon time. A landfall in Batanes is also not ruled out.**
- This tropical cyclone is forecast to continue rapidly intensifying over the Philippine Sea until prior to landfall over Taiwan. **LEON will likely be at or near super typhoon intensity during its closest point of approach to Batanes.**

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

Page 3 of 3

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