



TROPICAL CYCLONE BULLETIN NR. 12
Typhoon LEON (KONG-REY)

Issued at 5:00 PM, 29 October 2024

Valid for broadcast until the next bulletin at 11:00 PM today.

TYPHOON “LEON” UNDERGOES RAPID INTENSIFICATION OVER THE WATERS EAST OF CAGAYAN.

Location of Center (4:00 PM)

The center of Typhoon LEON was estimated based on all available data at **505 km East of Tuguegarao City, Cagayan** or **515 km East of Aparri, Cagayan (18.0°N, 126.5°E)**

Intensity

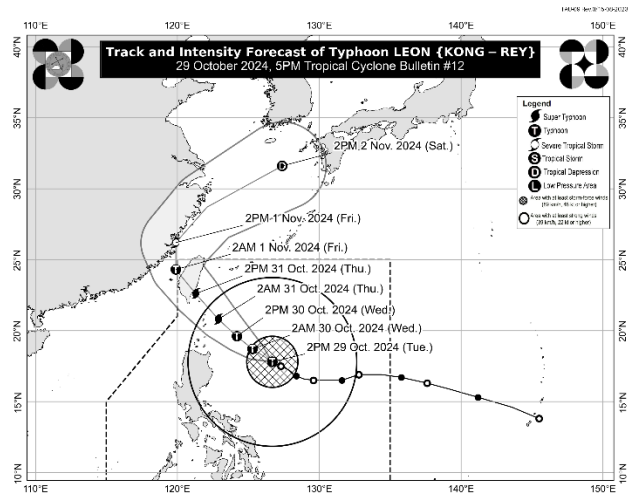
Maximum sustained winds of **150 km/h** near the center, gustiness of up to **185 km/h**, and central pressure of **955 hPa**

Present Movement

West northwestward at 10 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 2:00 AM 30 October 2024 | 18.7 | 125.3 | 390 km East of Aparri, Cagayan | 165 | TY | NW 15 |
| 24-Hour Forecast 2:00 PM 30 October 2024 | 19.6 | 124.2 | 290 km East of Calayan, Cagayan | 175 | TY | NW 15 |
| 36-Hour Forecast 2:00 AM 31 October 2024 | 20.8 | 122.9 | 105 km East Northeast of Basco, Batanes | 185 | STY | NW 15 |
| 48-Hour Forecast 2:00 PM 31 October 2024 | 22.6 | 121.3 | 210 km North Northwest of Itbayat, Batanes | 185 | STY | NW 20 |
| 60-Hour Forecast 2:00 AM 01 November 2024 | 24.3 | 119.9 | 440 km North Northwest of Itbayat, Batanes (OUTSIDE PAR) | 120 | TY | NW 20 |
| 72-Hour Forecast 2:00 PM 01 November 2024 | 26.2 | 119.9 | 635 km North Northwest of Itbayat, Batanes (OUTSIDE PAR) | 95 | STS | N 20 |
| 96-Hour Forecast 2:00 PM 02 November 2024 | 31.6 | 127.4 | 1,325 km North Northeast of Extreme Northern Luzon (OUTSIDE PAR) | 55 | TD | NE 40 |

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| TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT | | | |
|---|--|---------|----------|
| TCWS No. | Luzon | Visayas | Mindanao |
| 2 Wind threat: Gale-force winds | Batanes, Babuyan Islands, mainland Cagayan, 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, Reina Mercedes, Palanan, Quirino, Divilacan, Gamu, Mallig, Maconacon, Burgos), 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 Kalinga, 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 and eastern portion of Quezon (Infanta, Real, Mauban, Perez, Alabat, Quezon, Calauag, General Nakar, Atimonan, Plaridel, Gumaca, Lopez, Guinayangan, Tagkawayan) including Polillo Islands, Camarines Norte, Camarines Sur, Catanduanes, Albay, and the northern portion of Sorsogon (Prieto Diaz, City of Sorsogon, Gubat, Barcelona, Casiguran, Bulusan, Juban, Magallanes, Castilla, Pilar, Donsol) | - | - |
| | 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>Heavy Rainfall Outlook</p> <p>Refer to Weather Advisory No. 6 issued at 5:00 PM today for the Heavy Rainfall Outlook associated with LEON.</p> <p>Severe Winds</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>Coastal Inundation</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 Babuyan Islands. Refer to Storm Surge Warning No. 2 issued at 2:00 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 seaboard 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 seaboard 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 seaboard 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 seaboard of Camarines Sur; the eastern seaboard of Catanduanes.
- **Up to 3.5 m:** The seaboard of Ilocos Sur; the eastern seaboard of Albay and Sorsogon; the northern and eastern seaboard of Northern Samar.
- **Up to 3.0 m:** The eastern seaboard of mainland Quezon, Camarines Sur, Eastern Samar, and Dinagat Islands; the remaining seaboard 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 seaboard of Zambales, Surigao del Norte, Surigao del Sur, Davao Oriental, and Kalayaan Islands
- **Up to 2.0 m:** The remaining seaboard 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 or evening. After crossing the landmass of Taiwan, LEON will then turn to the northward 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 between Thursday early morning and noon. A landfall in Batanes is also not ruled out.**
- This tropical cyclone is 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 11:00 PM today.

DOST-PAGASA

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