



TROPICAL CYCLONE BULLETIN NR. 11
Typhoon LEON (KONG-REY)

Issued at 11:00 AM, 29 October 2024

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

“LEON” INTENSIFIES INTO A TYPHOON OVER THE WATERS EAST OF CAGAYAN.

Location of Center (10:00 AM)

The center of Typhoon LEON was estimated based on all available data at **555 km East of Tuguegarao City, Cagayan (17.5°N, 127.0°E)**

Intensity

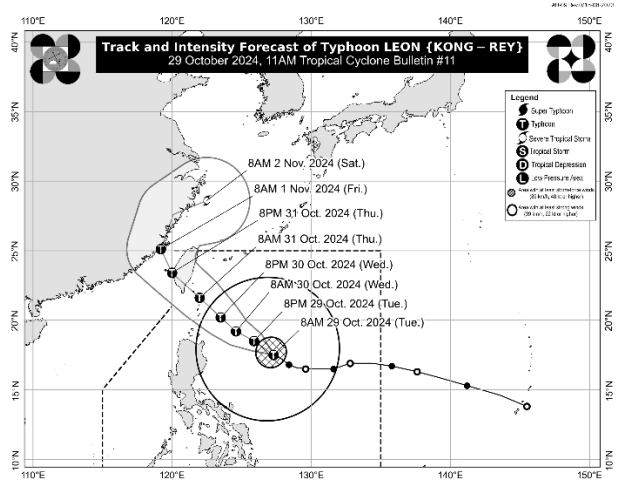
Maximum sustained winds of **130 km/h** near the center, gustiness of up to **160 km/h**, and central pressure of **965 hPa**

Present Movement

West northwestward at 10 km/h

Extent of Tropical Cyclone Winds


Strong to typhoon-force winds extend outwards up to **640 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 29 October 2024	18.5	125.9	450 km East of Aparri, Cagayan	150	TY	NW 15
24-Hour Forecast 8:00 AM 30 October 2024	19.2	124.6	330 km East of Calayan, Cagayan	155	TY	WNW 15
36-Hour Forecast 8:00 PM 30 October 2024	20.2	123.5	160 km East of Basco, Batanes	165	TY	NW 15
48-Hour Forecast 8:00 AM 31 October 2024	21.6	122.0	90 km North of Itbayat, Batanes	175	TY	NW 20
60-Hour Forecast 8:00 PM 31 October 2024	23.4	120.0	345 km North Northwest of Itbayat, Batanes	140	TY	NW 25
72-Hour Forecast 8:00 AM 01 November 2024	25.1	119.2	550 km North Northwest of Itbayat, Batanes or in the vicinity of Fujian, China (OUTSIDE PAR)	120	TY	NNW 15
96-Hour Forecast 8:00 AM 02 November 2024	28.6	122.5	870 km North of Extreme Northern Luzon (OUTSIDE PAR)	75	TS	NE 20

Prepared by:  **RPG**

Checked by:  **CFP**

“tracking the sky...helping the country.”



TROPICAL CYCLONE BULLETIN NR. 11
Typhoon LEON (KONG-REY)

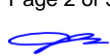
Issued at 11:00 AM, 29 October 2024

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

TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
2 Wind threat: Gale-force winds	Batanes, Babuyan Islands, the eastern portion of mainland Cagayan (Gattaran, Baggao, Lal-Lo, Aparri, Camalaniugan, Buguey, Santa Teresita, Gonzaga, Santa Ana, Peñablanca), and the northeastern portion of Isabela (Divilacan, Palanan, Maconacon)	-	-
	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 mainland Cagayan, the rest of Isabela, Quirino, Nueva Vizcaya, Apayao, Kalinga, Abra, Mountain Province, Ifugao, Benguet, Ilocos Norte, Ilocos Sur, La Union, Aurora, the northern portion of Quezon including Polillo Islands (General Nakar, Infanta, Real), Camarines Norte, the eastern portion of Camarines Sur (Tinambac, Siruma, Goa, Lagonoy, San Jose, Garchitorena, Caramoan, Presentacion, Tigaon, Calabanga, Sagñay), Catanduanes, the eastern portion of Albay (Rapu-Rapu, Bacacay, City of Tabaco, Tiwi, Malilipot, Malinao, Santo Domingo, Manito), and the northeastern portion of Sorsogon (Prieto Diaz, City of Sorsogon, Gubat)	-	-
	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. 5 issued at 11:00 AM 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 in the next 48 hours over the low-lying or exposed coastal localities of Batanes and Babuyan Islands. For more information, refer to Storm Surge Warning No. 1 issued at 8:00 AM today.</p>

Prepared by:  RPG

Checked by:  CFP

“tracking the sky...helping the country.”



TROPICAL CYCLONE BULLETIN NR. 11 Typhoon LEON (KONG-REY)

Issued at 11:00 AM, 29 October 2024

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

HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the seaboard of Northern Luzon and the eastern seaboard of Central and Southern Luzon. For more information, refer to Gale Warning No. 2 issued at 5:00 AM today.

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 generally west northwestward today, then turn northwestward tomorrow 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.** Furthermore, considering the possibility of further westward shift in the track forecast (but within the limits of the forecast confidence cone), **a landfall scenario on Batanes is not ruled out.**
- This tropical cyclone is expected to rapidly intensify throughout its passage over the Philippine Sea up to until before landfall over Taiwan. LEON will likely be at or near its peak intensity during its closest point of approach to Batanes. Furthermore, there is an increasing chance that LEON will reach super typhoon category.

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

Prepared by:  RPG

Page 3 of 3

Checked by:  CFP

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