



**TROPICAL CYCLONE BULLETIN NR. 10**  
**Severe Tropical Storm LEON (KONG-REY)**

Issued at 5:00 AM, 29 October 2024

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

**“LEON” SLIGHTLY INTENSIFIES AND IS NEARING TYPHOON CATEGORY**

**Location of Center (4:00 AM)**

The center of Severe Tropical Storm LEON was estimated based on all available data at **645 km East of Tuguegarao City, Cagayan (17.3°N, 127.8°E)**

**Intensity**

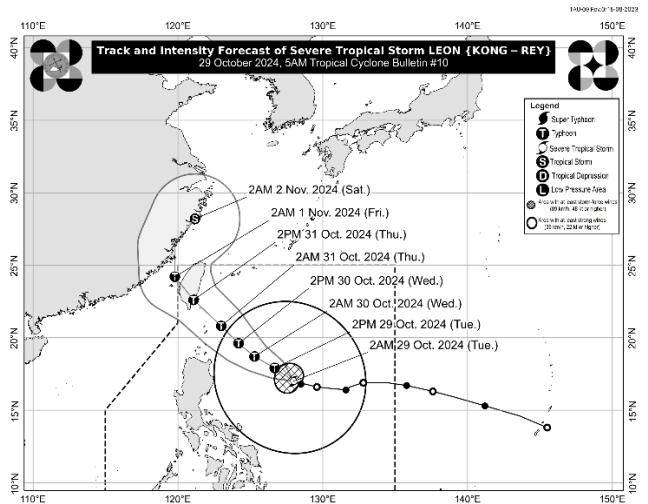
Maximum sustained winds of **110 km/h** near the center, gustiness of up to **135 km/h**, and central pressure of **975 hPa**

**Present Movement**

**West northwestward at 10 km/h**

**Extent of Tropical Cyclone Winds**

**Strong to storm-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.	
<b>12-Hour Forecast</b> 2:00 PM 29 October 2024	17.9	126.7	525 km East of Tuguegarao City, Cagayan	130	TY	NW 15
<b>24-Hour Forecast</b> 2:00 AM 30 October 2024	18.7	125.3	390 km East of Aparri, Cagayan	150	TY	WNW 15
<b>36-Hour Forecast</b> 2:00 PM 30 October 2024	19.6	124.2	290 km East of Calayan, Cagayan	155	TY	NW 15
<b>48-Hour Forecast</b> 2:00 AM 31 October 2024	20.8	123.0	115 km East Northeast of Basco, Batanes	175	TY	NW 15
<b>60-Hour Forecast</b> 2:00 PM 31 October 2024	22.6	121.1	215 km North Northwest of Itbayat, Batanes	155	TY	NW 25
<b>72-Hour Forecast</b> 2:00 AM 01 November 2024	24.2	119.8	435 km North Northwest of Itbayat, Batanes	120	TY	NW 20
<b>96-Hour Forecast</b> 2:00 AM 01 November 2024	28.2	121.2	830 km North of Extreme Northern Luzon or in the vicinity of Zhejiang, China (OUTSIDE PAR)	65	TS	NNE 20

Prepared by: PCDM

Checked by: SFD

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



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
<b>1</b> Wind threat: <b>Strong winds</b>	<b>Batanes, Cagayan including Babuyan Islands, 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, Garchitorea, Caramoan, Presentacion, Tigaon, Calabanga, Saglay), 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)</b>	<b>The eastern portion of Northern Samar (San Roque, Pambujan, Catubig, Laoang, Palapag, Gamay, Lapinig, Mapanas, Mondragon) and the northern portion of Eastern Samar (Jipapad, Arteche, Oras, San Policarpo)</b>	-
	Warning lead time: <b>36 hours</b> Range of wind speeds: <b>39 to 61 km/h (Beaufort 6 to 7)</b> Potential impacts of winds: <b>Minimal to minor threat to life and property</b>		

OTHER HAZARDS AFFECTING LAND AREAS
<p><b><u>Heavy Rainfall Outlook</u></b></p> <p>Refer to Weather Advisory No. 4 issued at 5:00 AM today for the Heavy Rainfall Outlook associated with Severe Tropical Storm LEON.</p> <p><b><u>Severe Winds</u></b></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"> <li>Minimal to minor impacts from strong winds are possible within any of the areas under Wind Signal No. 1.</li> </ul> <p>The highest Wind Signal which may be hoisted during the occurrence of LEON is Wind Signal No. 3 or 4, especially in Extreme Northern Luzon. The hoisting of Wind Signal No. 5 is also not ruled out.</p> <p>Furthermore, the wind flow coming towards the circulation of Severe Tropical Storm LEON will also bring <b>gusty conditions (strong to gale-force)</b> over the following localities (especially in coastal and upland areas exposed to winds) outside Wind Signal areas:</p> <ul style="list-style-type: none"> <li><b>Today (29 October):</b> Bataan, Metro Manila, CALABARZON, MIMAROPA, Bicol Region, Visayas, Dinagat Islands, Surigao del Norte, and Camiguin.</li> <li><b>Tomorrow (30 October):</b> Bataan, Metro Manila, CALABARZON, MIMAROPA, Bicol Region, most of Visayas, and Dinagat Islands.</li> <li><b>Thursday (31 October):</b> Aurora, Quezon, MIMAROPA, Bicol Region, Dinagat Islands, and Bicol Region.</li> </ul>

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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.** For more information, refer to Gale Warning No. 2 issued at 5:00 AM today.

**24-Hour Sea Condition Forecast**

**Up to high seas:**

- **Up to 8.0 m:** The northeastern seaboard of mainland Cagayan.
- **Up to 7.0 m:** The seaboard of Batanes and the remaining seaboard of Cagayan.
- **Up to 6.0 m:** The seaboard of Isabela.
- **Sea travel is risky for 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 very rough seas:**

- **Up to 4.5 m:** The seaboard Ilocos Norte, Aurora, and Camarines Norte; the northern and eastern seaboard of Polillo Islands, Camarines Sur and Catanduanes; the seaboard of northern Quezon.
- **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 3.0 m:** The remaining seaboard Quezon; the seaboard of Ilocos Sur; the eastern seaboard of Albay and Sorsogon; the northern and eastern seaboard of Northern Samar; and the eastern seaboard of Eastern 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 seaboard of La Union, Pangasinan, Dinagat Islands, Surigao del Norte, Surigao del Sur, and Davao Oriental.
- **Up to 2.0 m:** The remaining seaboard Luzon and Visayas, and 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.**



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**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 towards the East China Sea and exit the Philippine Area of Responsibility on Thursday evening or early Friday morning (1 November).
- There is an increasing possibility of further westward shift in the track forecast of LEON but within the limits of the forecast confidence cone. **As such, a landfall or close approach scenario on Batanes is not ruled out.**
- This tropical cyclone is expected to rapidly intensify throughout its passage over the Philippine Sea and may reach typhoon category within the next 12 hours. **Furthermore, there is an increasing chance that LEON will reach super typhoon category during its period of closest 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 AM today.

**DOST-PAGASA**