



TROPICAL CYCLONE BULLETIN NR. 8
Severe Tropical Storm LEON (KONG-REY)
 Issued at 5:00 PM, 28 October 2024
 Valid for broadcast until the next bulletin at 11:00 PM today.

“LEON” FURTHER INTENSIFIES OVER THE PHILIPPINE SEA	
Location of Center (4:00 PM)	
The center of Severe Tropical Storm LEON was estimated based on all available data at 725 km East of Echague, Isabela (17.0°N, 128.5°E)	
Intensity	
Maximum sustained winds of 100 km/h near the center, gustiness of up to 125 km/h , and central pressure of 980 hPa	
Present Movement	
West northwestward at 15 km/h	
Extent of Tropical Cyclone Winds	
Strong to storm-force winds extend outwards up to 620 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 29 October 2024	17.2	127.6	630 km East of Echague, Isabela	65	TY	WNW 10
24-Hour Forecast 2:00 PM 29 October 2024	18.1	126.2	485 km East of Aparri, Cagayan	75	TY	NW 15
36-Hour Forecast 2:00 AM 30 October 2024	19.0	125.1	385 km East of Calayan, Cagayan	80	TY	NW 15
48-Hour Forecast 2:00 PM 30 October 2024	19.8	124.3	305 km East Northeast of Calayan, Cagayan	85	TY	NW 10
60-Hour Forecast 2:00 AM 31 October 2024	20.9	123.3	155 km East of Itbayat, Batanes	90	TY	NW 15
72-Hour Forecast 2:00 PM 31 October 2024	22.3	121.6	170 km North of Itbayat, Batanes	95	TY	NW 20
96-Hour Forecast 2:00 PM 01 November 2024	26.0	119.7	620 km North Northwest of Itbayat, Batanes or in the vicinity of Fujian, China (OUTSIDE PAR)	60	STS	NNW 20
120-Hour Forecast 2:00 PM 02 November 2024	31.6	128.4	1,370 km North Northeast of Extreme Northern Luzon (OUTSIDE PAR)	40	TS	NE 45

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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1 Wind threat: Strong winds	Batanes, Cagayan including Babuyan Islands, Isabela, Quirino, Nueva Vizcaya, Apayao, Kalinga, Abra, Mountain Province, Ifugao, the northern portion of Benguet (Bakun, Kibungan, Atok, Bokod, Mankayan, Buguias, Kabayan), Ilocos Norte, Ilocos Sur, 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, 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)	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)	-
	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. 2 issued at 5:00 PM today for the Heavy Rainfall Outlook associated with Severe Tropical Storm 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"> 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 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 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 (28 October): Visayas and most of CALABARZON, MIMAROPA, Bicol Region, Northern Mindanao, and Caraga Region. Tomorrow (29 October): Zambales, Bataan, Aurora, Metro Manila, CALABARZON, MIMAROPA, Bicol Region, Visayas, Dinagat Islands, Surigao del Norte, and Camiguin. Wednesday (30 October): Zambales, Bataan, Aurora, Metro Manila, CALABARZON, MIMAROPA, Bicol Region, Dinagat Islands, and most of Visayas and Central Luzon.

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HAZARDS AFFECTING COASTAL WATERS

Refer to Gale Warning No. 1 issued at 5:00 PM today for the northern seaboard of Northern Luzon.

24-Hour Sea Condition Forecast

Up to very rough seas:

- **Up to 5.5 m:** The seaboards of Batanes and Babuyan Islands
- **Up to 5.0 m:** The eastern seaboards of mainland Cagayan and Isabela.
- **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 seaboards of Catanduanes; the northern seaboard of Ilocos Norte
- **Up to 3.5 m:** The northern and eastern seaboards of Polillo Islands; the northern seaboards of Camarines Norte and Camarines Sur.
- **Up to 3.0 m:** The seaboard of Aurora; the eastern seaboards of Albay and Sorsogon; the northern and eastern seaboards of Northern Samar; the remaining seaboard of Ilocos Norte.
- **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 Ilocos Sur; the eastern seaboard of mainland Quezon, Camarines Sur, Eastern Samar, and Dinagat Islands
- **Up to 2.0 m:** The remaining seaboards of the country.
- **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 west northwestward today through tomorrow (29 October) morning, then turn northwestward 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 northeast towards the East China Sea and exit the Philippine Area of Responsibility on Friday morning or afternoon.
- 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 24 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 PM today.

DOST-PAGASA

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