



TROPICAL CYCLONE BULLETIN NR. 8

Tropical Depression MIRASOL

Issued at 2:00 PM, 17 September 2025

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

“MIRASOL” CONTINUES TO TRAVERSE NORTHERN LUZON AND IS NOW OVER KALINGA.

Location of Center (1:00 PM)

The center of Tropical Depression MIRASOL was estimated based on all available data in the vicinity of **Tanudan, Kalinga (17.3°N, 121.3°E)**.

Intensity

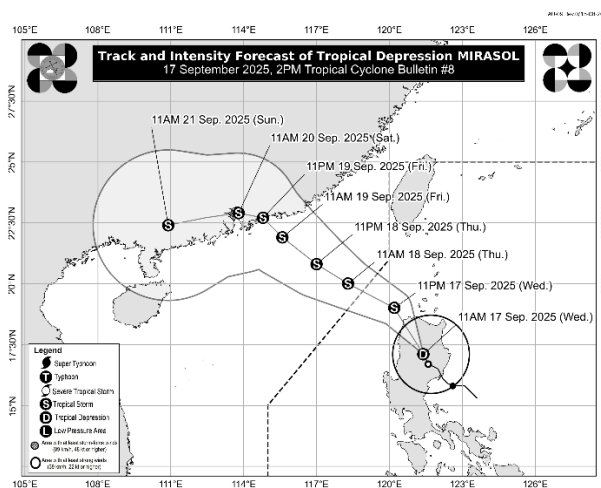
Maximum sustained winds of **55 km/h** near the center, gustiness of up to **90 km/h**, and central pressure of **1002 hPa**

Present Movement

Northwestward at 15 km/h

Extent of Tropical Cyclone Winds

Strong winds extend outwards up to **200 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 11:00 PM 17 September 2025	19.0	120.2	135 km West Southwest of Calayan, Cagayan	65	TS	NNW 20
24-Hour Forecast 11:00 AM 18 September 2025	20.0	118.3	385 km West of Basco, Batanes (OUTSIDE PAR)	65	TS	WNW 20
36-Hour Forecast 11:00 PM 18 September 2025	20.8	117.0	505 km West of Itbayat, Batanes (OUTSIDE PAR)	75	TS	WNW 15
48-Hour Forecast 11:00 AM 19 September 2025	21.9	115.6	660 km West Northwest of Itbayat, Batanes (OUTSIDE PAR)	85	TS	NW 15
60-Hour Forecast 11:00 PM 19 September 2025	22.7	114.8	760 km West Northwest of Itbayat, Batanes or in the vicinity of Guangdong Province, China (OUTSIDE PAR)	85	TS	NW 10
72-Hour Forecast 11:00 AM 20 September 2025	22.9	113.8	855 km West Northwest of Extreme Northern Luzon or in the vicinity of Guangdong Province, China (OUTSIDE PAR)	75	TS	WNW 10
96-Hour Forecast 11:00 AM 21 September 2025	22.4	110.9	1,110 km West Northwest of Northern Luzon or in the vicinity of Guangdong Province, China (OUTSIDE PAR)	75	TS	W 15



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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, the northern and central portions of Aurora (Dilasag, Casiguran, Dinalungan, Dipaculao, Baler, Maria Aurora), Apayao, Abra, Kalinga, Mountain Province, Ifugao, Benguet, Ilocos Norte, Ilocos Sur, La Union, the northeastern portion of Pangasinan (San Nicolas, Natividad, San Manuel, Sison, San Quintin, Tayug), and the northern portion of Nueva Ecija (Carranglan, Pantabangan)	-	-
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
<u>Heavy Rainfall Outlook</u> Refer to Weather Advisory No. 5 issued at 11:00 AM today for the heavy rainfall outlook due to Tropical Cyclone MIRASOL. <u>Severe Winds</u> 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. <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. Based on the intensity forecast, MIRASOL will likely intensify into a tropical storm when it re-emerges over the Luzon Strait. With this intensification, hoisting of Wind Signal No. 2 is possible over some portions of Northern Luzon. The Southwest Monsoon will bring strong to gale-force gusts over the following areas (especially in coastal and upland areas exposed to winds): <ul style="list-style-type: none">Today: The southern portion of Quezon, Camarines Norte, Camarines Sur, MIMAROPA, Western Visayas, and Negros Occidental.Tomorrow (18 September): Metro Manila, Isabela, Cagayan including Babuyan Islands, Batanes, Ilocos Region, Zambales, Bataan, Cavite, Quezon, Bicol Region, MIMAROPA, and Western Visayas.Friday (19 September): Ilocos Region, Zambales, and Bataan.

Prepared by:
SMRR

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Checked by: CFP

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HAZARDS AFFECTING COASTAL WATERS

24-Hour Sea Condition Outlook

Up to moderate to rough seas over the following coastal waters:

- **Up to 3.0 m:** The eastern seaboard of mainland Cagayan; the seaboard of Isabela.
- **Up to 2.5 m:** The remaining seaboards of mainland Cagayan; the seaboards of Babuyan Islands, Batanes, Aurora, Ilocos Norte, and Ilocos Sur
- **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

- Tropical Depression MIRASOL is forecast to move north northwestward within the next 12 hours while traversing Northern Luzon. This tropical depression will re-emerge over the Luzon Strait this afternoon or evening and will continue moving northwestward until it exits the Philippine Area of Responsibility tomorrow (18 September) morning or afternoon.
- MIRASOL will maintain its strength as it crosses the Northern Luzon landmass. Once it is over the Luzon Strait, it is forecast to intensify and may reach tropical storm category tonight or tomorrow early morning. On the forecast track, MIRASOL will remain as a tropical storm throughout the forecast period. However, further intensification to severe tropical storm is not ruled out.

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:  **SMRR**

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