



TROPICAL CYCLONE BULLETIN NR. 4

Tropical Depression MIRASOL

Issued at 2:00 AM, 17 September 2025

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

"MIRASOL" IS ABOUT TO MAKE LANDFALL OVER THE NORTHERN PORTION OF AURORA.

Location of Center (1:00 AM)

The center of Tropical Depression MIRASOL was estimated based on all available data including from Baler and Daet Doppler Weather Radars at **over the coastal waters of Casiguran, Aurora (16.0°N, 122.2°E)**.

Intensity

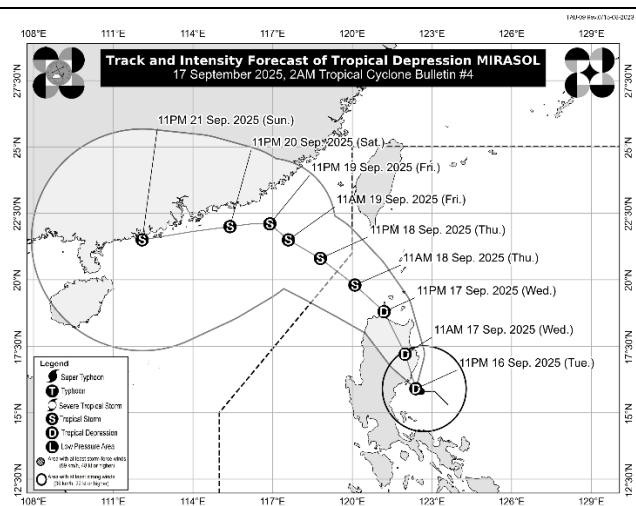
Maximum sustained winds of **55 km/h** near the center, gustiness of up to **75 km/h**, and central pressure of **1006 hPa**

Present Movement

Westward 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 AM 17 September 2025	17.2	122.0	In the vicinity of Ilagan City, Isabela	55	TD	NNW 15
24-Hour Forecast 11:00 PM 17 September 2025	18.8	121.2	Over the coastal waters of Aparri, Cagayan	55	TD	NNW 15
36-Hour Forecast 11:00 AM 18 September 2025	19.8	120.1	155 km West Northwest of Calayan, Cagayan	65	TS	NW 15
48-Hour Forecast 11:00 PM 18 September 2025	20.8	118.8	315 km West of Itbayat, Batanes (OUTSIDE PAR)	75	TS	NW 15
60-Hour Forecast 11:00 AM 19 September 2025	21.5	117.6	445 km West of Itbayat, Batanes (OUTSIDE PAR)	85	TS	WNW 10
72-Hour Forecast 11:00 PM 19 September 2025	22.1	116.9	530 km West Northwest of Itbayat, Batanes (OUTSIDE PAR)	85	TS	NW 10
96-Hour Forecast 11:00 PM 20 September 2025	22.0	115.4	680 km West Northwest of Itbayat, Batanes (OUTSIDE PAR)	75	TS	W Slowly
120-Hour Forecast 11:00 PM 21 September 2025	21.5	112.1	1,015 km West of Extreme Northern Luzon (OUTSIDE PAR)	75	TS	W 15

Prepared by: RCIT

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

Checked by: LDG



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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, the northern and eastern portions of Nueva Vizcaya (Diadi, Quezon, Kasibu, Dupax del Norte, Bambang, Ambaguio, Bayombong, Solano, Villaverde, Bagabag, Alfonso Castañeda, Dupax del Sur), the northern and central portions of Aurora (Dilasag, Casiguran, Dinalungan, Dipaculao, Baler, Maria Aurora, San Luis), Apayao, Abra, Kalinga, Mountain Province, Ifugao, Ilocos Norte, the northern portion of Ilocos Sur (Sinait, Cabugao, San Juan, Magsingal, Santo Domingo, Bantay, San Vicente, San Ildefonso, Santa Catalina, City of Vigan, Caoayan, Santa), Polillo Islands, and the northern portion of Camarines Norte (Capalonga, Jose Panganiban, Paracale, Vinzons)	-	-
	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

Heavy Rainfall Outlook

Refer to Weather Advisory No. 3 issued at 11:00 PM yesterday for the heavy rainfall outlook due to Tropical Cyclone MIRASOL.

Severe Winds

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.

- **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):

- **Today:** The southern portion of Quezon, the rest of Camarines Norte that is not under Wind Signal, Marinduque, Romblon, the southern portion of Mindoro provinces, and Panay Island.
- **Tomorrow (18 September):** Panay Island, Palawan, Mindoro Provinces, Marinduque, Romblon, the southern portion of Quezon, Camarines Norte, Isabela, Cagayan including Babuyan Islands, Batanes, Ilocos Norte, Ilocos Sur, La Union, and Pangasinan.
- **Friday (19 September):** Ilocos Norte, Ilocos Sur, La Union, Pangasinan, Zambales, and Bataan.



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HAZARDS AFFECTING COASTAL WATERS

24-Hour Sea Condition Outlook

Up to moderate seas over the following coastal waters:

- Up to 3.0 m: The seaboard of Isabela
- Up to 2.5 m: The seaboards of Cagayan, Babuyan Islands, Batanes, and Aurora; the northern seaboard of Ilocos Norte.
- **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 while slightly decelerating as it approaches Isabela-Aurora area. On the forecast track, the center of MIRASOL may make landfall in Isabela or northern portion of Aurora in the next 12 hours. However, a more north northwestward or northward movement will likely result to no landfall scenario and will just move over the coastal waters of Northern and Central Luzon. MIRASOL is forecast to traverse Northern Luzon and will re-emerge over the Luzon Strait by this evening. Afterwards, MIRASOL will continue moving generally northwestward until it exits the Philippine Area of Responsibility between tomorrow afternoon and evening.
- MIRASOL will maintain its strength or will slightly weaken as it crosses the Northern Luzon landmass. Once it is over the Luzon Strait, it is forecast to intensify and reach tropical storm category by tomorrow 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 AM today.

DOST-PAGASA

Prepared by:

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Checked by: