



TROPICAL CYCLONE BULLETIN NR. 2

Tropical Depression MIRASOL

Issued at 8:00 PM, 16 September 2025

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

MIRASOL MAINTAINS ITS STRENGTH AS IT MOVES CLOSER TOWARDS ISABELA – NORTHERN PORTION OF AURORA.

Location of Center (7:00 PM)

The center of Tropical Depression MIRASOL was estimated based on all available data including from Baler Doppler Weather Radar at **170 km Northeast of Infanta, Quezon** or **90 km Southeast of Casiguran, Aurora** (**15.8°N, 122.8°E**).

Intensity

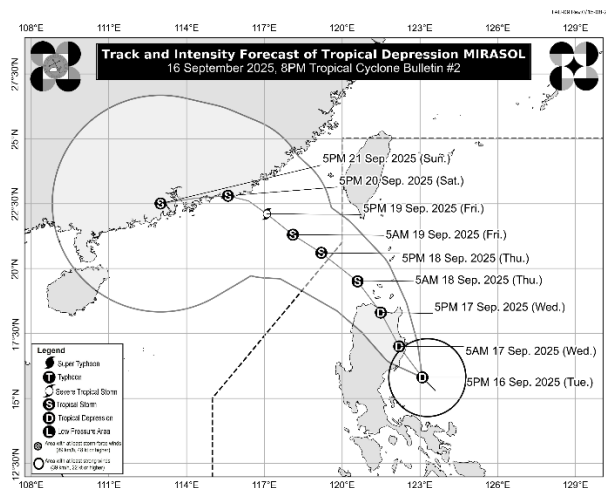
Maximum sustained winds of **55 km/h** near the center, gustiness of up to **70 km/h**, and central pressure of **1006 hPa**

Present Movement

Northwestward at 25 km/h

Extent of Tropical Cyclone Winds

Strong winds extend outwards up to **180 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 5:00 AM 17 September 2025	17.0	122.2	In the vicinity of Palanan, Isabela	55	TD	NW 15
24-Hour Forecast 5:00 PM 17 September 2025	18.3	121.5	In the vicinity of Ballesteros, Cagayan	45	TD	NNW 15
36-Hour Forecast 5:00 AM 18 September 2025	19.5	120.6	95 km West Northwest of Calayan, Cagayan	55	TD	NW 15
48-Hour Forecast 5:00 PM 18 September 2025	20.6	119.2	275 km West of Itbayat, Batanes (OUTSIDE PAR)	65	TS	NW 15
60-Hour Forecast 5:00 AM 19 September 2025	21.3	118.1	395 km West of Itbayat, Batanes (OUTSIDE PAR)	75	TS	NW 10
72-Hour Forecast 5:00 PM 19 September 2025	22.1	117.1	510 km West Northwest of Itbayat, Batanes (OUTSIDE PAR)	85	TS	NW 10
96-Hour Forecast 5:00 PM 20 September 2025	22.8	115.6	685 km West Northwest of Itbayat, Batanes or over the coastal waters of Guangdong Province, China (OUTSIDE PAR)	65	TS	WNW Slowly
120-Hour Forecast 5:00 PM 21 September 2025	22.5	113.0	935 km West Northwest of Extreme Northern Luzon or in the vicinity of Guangdong Province, China (OUTSIDE PAR)	65	TS	W 10



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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 northeastern portion of Nueva Vizcaya (Diadi, Quezon, Kasibu, Dupax del Norte, Bambang, Ambaguio, Bayombong, Solano, Villaverde, Bagabag), the northern and central portions of Aurora (Dilasag, Casiguran, Dinalungan, Dipaculao, Baler), Apayao, Kalinga, Abra, 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, the northern portion of Camarines Norte (Vinzons, Capalonga, Jose Panganiban, Paracale, Talisay, Daet, Mercedes), the northeastern portion of Camarines Sur (Caramoan, Garchitorena, Presentacion, Lagonoy, Siruma, Tinambac, Goa, San Jose), and Catanduanes	-	-
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. 2 issued at 5:00 PM 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">Tomorrow: 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.Thursday (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.

Prepared by:  **SMRR**

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HAZARDS AFFECTING COASTAL WATERS

24-Hour Sea Condition Outlook

Up to moderate seas over the following coastal waters:

- **Up to 2.5 m:** The seaboard of Cagayan, Babuyan Islands, and Batanes; the seaboard of Isabela 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 continue moving northwestward and will slightly decelerate as it approaches Isabela-Aurora area. On the forecast track, the center of MIRASOL may make landfall in Isabela or northern portion of Aurora by tomorrow morning. 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. By Thursday (18 September) morning, MIRASOL will re-emerge over the Luzon Strait and will continue moving generally northwestward until it exits the Philippine Area of Responsibility between afternoon and evening.
- MIRASOL will maintain its strength or will slightly weaken as it crosses the Northern Luzon landmass. Once it is over the West Philippine Sea, it is forecast to intensify and reach tropical storm category by Thursday morning.

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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