



TROPICAL CYCLONE BULLETIN NR. 12

Tropical Depression MIRASOL

Issued at 2:00 AM, 18 September 2025

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

“MIRASOL” SLIGHTLY ACCELERATES AS IT MOVES NORTHWESTWARD OVER THE SEA NORTHWEST OF LUZON.

Location of Center (1:00 AM)

The center of Tropical Depression MIRASOL was estimated based on all available data **over the coastal waters of Burgos, Ilocos Norte (18.9°N, 120.4°E).**

Intensity

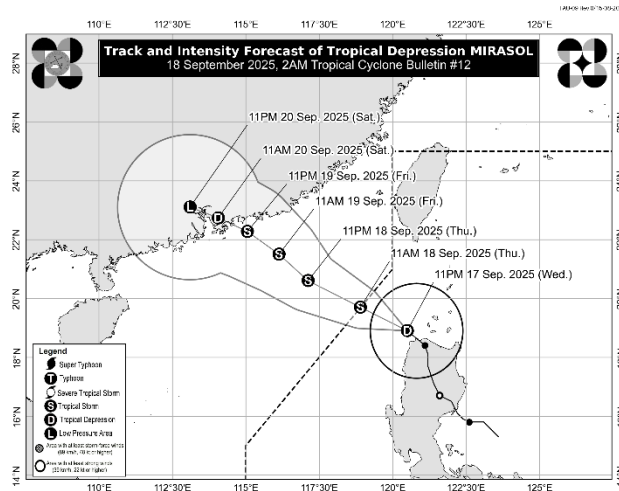
Maximum sustained winds of **55 km/h** near the center, gustiness of up to **85 km/h**, and central pressure of **1002 hPa**

Present Movement

Northwestward at 20 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 18 September 2025	19.7	118.9	275 km West of Calayan, Cagayan	65	TS	WNW 15
24-Hour Forecast 11:00 PM 18 September 2025	20.6	117.1	510 km West of Basco, Batanes (OUTSIDE PAR)	65	TS	WNW 20
36-Hour Forecast 11:00 AM 19 September 2025	21.5	116.1	600 km West of Itbayat, Batanes (OUTSIDE PAR)	75	TS	NW 10
48-Hour Forecast 11:00 PM 19 September 2025	22.3	115.1	720 km West Northwest of Itbayat, Batanes (OUTSIDE PAR)	75	TS	NW 10
60-Hour Forecast 11:00 AM 20 September 2025	22.7	114.1	830 km West Northwest of Extreme Northern Luzon or in the vicinity of Guangdong Province, China (OUTSIDE PAR)	55	TD	WNW 10
72-Hour Forecast 11:00 PM 20 September 2025	23.1	113.1	940 km West Northwest of Extreme Northern Luzon or in the vicinity of Guangdong Province, China (OUTSIDE PAR)	-	LOW	WNW 10



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
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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, Apayao, Abra, Kalinga, Ilocos Norte, and the northern and central portions of Ilocos Sur (Sinait, Cabugao, San Juan, Magsingal, Santo Domingo, Bantay, San Vicente, San Ildefonso, Santa Catalina, City of Vigan, Caoayan, Santa, San Emilio, San Esteban, Banayoyo, Burgos, City of Candon, Santiago, Lidlidda, Nagbukel, Galimuyod, Santa Maria, Narvacan)	-	-
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. 7 issued at 11:00 PM yesterday 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. 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: Metro Manila, Isabela, Cagayan including Babuyan Islands, Batanes, Ilocos Region, Zambales, Bataan, Cavite, Quezon, Bicol Region, MIMAROPA, and Western Visayas.tomorrow (19 September): Ilocos Region, Zambales, and Bataan.

Prepared by:  PCDM

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Checked by: LDG

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



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HAZARDS AFFECTING COASTAL WATERS

24-Hour Sea Condition Outlook

Up to moderate seas over the following coastal waters:

- **Up to 2.0 m:** The seaboard of Batanes, Cagayan including Babuyan Islands, Isabela, Ilocos Norte, Ilocos Sur, La Union, and Pangasinan.
- **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 generally west northwestward within the next 24 hours until it exits the Philippine Area of Responsibility this morning or afternoon. Outside PAR, MIRASOL will continue moving generally northwestward towards southern China.
- MIRASOL is forecast to intensify and may reach tropical storm category today. This weather disturbance will remain as a tropical storm throughout the forecast period before weakening as it makes landfall over southern China by Saturday (20 September). However, further intensification into severe tropical storm prior to landfall 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

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