



TROPICAL CYCLONE BULLETIN NR. 16

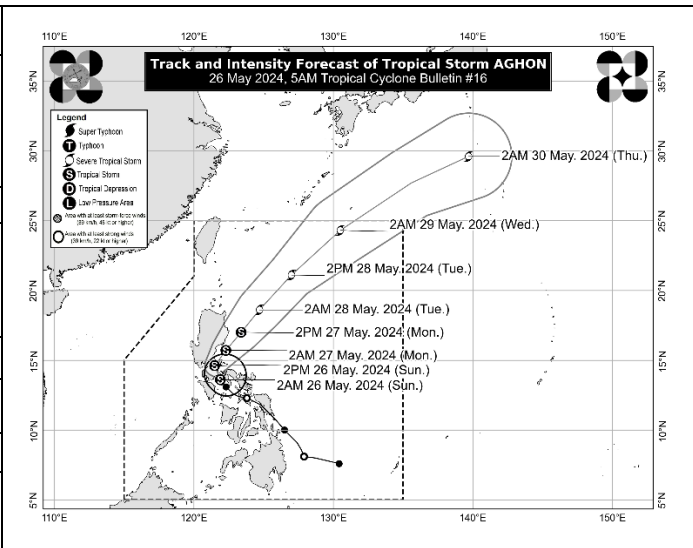
Tropical Storm AGHON

Issued at 5:00 AM, 26 May 2024

Valid for broadcast until the next bulletin at 8:00 AM today.

“AGHON” INTENSIFIES INTO A TROPICAL STORM OVER TAYABAS BAY.

Location of Center (4:00 AM)
The center of Tropical Storm AGHON was estimated based on all available data including those from Tagaytay Doppler Weather Radar over the coastal waters of Lucena City, Quezon (13.8°N, 121.7°E)
Intensity
Maximum sustained winds of 65 km/h near the center, gustiness of up to 90 km/h , and central pressure of 1000 hPa
Present Movement
Northwestward at 10 km/h
Extent of Tropical Cyclone Winds
Strong to gale-force winds extend outwards up to 220 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 PM 26 May 2024	14.6	121.5	In the vicinity of Real, Quezon	65	TS	NNW 10
24-Hour Forecast 2:00 AM 27 May 2024	15.7	122.3	Over the coastal waters of Casiguran, Aurora	75	TS	NE 10
36-Hour Forecast 2:00 PM 27 May 2024	17.0	123.4	160 km East Northeast of Casiguran, Aurora	85	TS	NE 15
48-Hour Forecast 2:00 AM 28 May 2024	18.6	124.7	325 km East of Aparri, Cagayan	95	STS	NE 20
60-Hour Forecast 2:00 PM 28 May 2024	21.1	127.0	540 km East of Itbayat, Batanes	100	STS	NE 30
72-Hour Forecast 2:00 AM 29 May 2024	24.3	130.5	970 km East Northeast of Extreme Northern Luzon	110	STS	NE 40
96-Hour Forecast 2:00 AM 30 May 2024	29.6	139.7	2,045 km East Northeast of Extreme Northern Luzon (OUTSIDE PAR)	65	STS	NE 45



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
2 Wind threat: Gale-force winds	The northern and central portions of Quezon (Alabat, Perez, Quezon, Gumaca, Lopez, Macalelon, General Luna, Unisan, Pitogo, Plaridel, Agdangan, Padre Burgos, Atimonan, Mauban, Real, General Nakar, Infanta, Sampaloc, Pagbilao, Calauag, Lucban, City of Tayabas, Lucena City) including Polillo Islands	-	-
	Warning lead time: 24 hours Range of wind speeds: 62 to 88 km/h (Beaufort 8 to 9) Potential impacts of winds: Minor to moderate threat to life and property		
1 Wind threat: Strong winds	The southeastern portion of Isabela (Palanan, Dinapigue), the southern portion of Quirino (Maddela, Nagtipunan), the southern portion of Nueva Vizcaya (Alfonso Castaneda), the eastern and southern portions of Nueva Ecija (General Tinio, Gabaldon, Bongabon, Pantabangan, Rizal, General Mamerto Natividad, Laur, Palayan City, Peñaranda, San Leonardo, City of Gapan, Cabanatuan City, Santa Rosa, San Isidro, Cabiao, San Antonio, Jaen), Aurora, the eastern portion of Pampanga (Candaba, San Luis, San Simon, Apalit, Santa Ana, Arayat), Bulacan, Metro Manila, the rest of Quezon, Rizal, Laguna, Cavite, Batangas, the northern portion of Oriental Mindoro (Pinamalayan, Pola, Naujan, Victoria, Socorro, City of Calapan, Bansud, Gloria, Baco, San Teodoro, Puerto Galera, Bongabong, Roxas), Marinduque, Romblon, Camarines Norte, Camarines Sur, the northern portion of Albay (Tiwi, Polangui, Malinao, Libon, Oas, City of Ligao), and Burias Island	-	-
	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		

HAZARDS AFFECTING LAND AREAS
<p>Heavy Rainfall Outlook</p> <p>Forecast accumulated rainfall: Today</p> <ul style="list-style-type: none"> > 200 mm: Quezon 100-200 mm: Aurora, the eastern portion of Bulacan, Rizal, Laguna, Metro Manila, and Camarines Norte 50-100 mm: Nueva Ecija, the rest of Bulacan, the eastern portion of Pampanga, the rest of CALABARZON, Oriental Mindoro, Occidental Mindoro, Romblon, Burias Island, and the western portion of Camarines Sur. <p>Forecast accumulated rainfall: Tomorrow</p> <ul style="list-style-type: none"> 50-100 mm: The eastern portion of Isabela, the northern portion of Aurora, and Polillo Islands. <p>Forecast rainfall are generally higher in elevated or mountainous areas. Under these conditions, flooding and rain-induced landslides are likely especially in areas that are highly or very highly susceptible to these hazards as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days</p>



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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.

- **Minor to moderate impacts** from strong winds are possible within any of the localities where Wind Signal No. 2 is hoisted.
- **Minimal to minor impacts** from strong winds are possible within any of the areas under Wind Signal No. 1.

The highest possible Wind Signal that may be hoisted during the passage of AGHON is Wind Signal No. 2.

HAZARDS AFFECTING COASTAL WATERS

- Under the influence of AGHON, a Gale Warning is hoisted over the coastal waters of Marinduque and Quezon, the southern coastal waters of Batangas, and the northern coastal waters of Camarines Norte. **Sea travel is risky for small seacrafts, including all motorbancas of any type of tonnage.** For more information, refer to Gale Warning No. 1 issued at 5:00 AM today.
- **Today:** Outside the Gale Warning areas, AGHON will bring moderate to rough seas (1.5 to 3.5 m) over the coastal waters along the northern and eastern seaboard of Luzon and the seaboard of Bicol Region. **Mariners of motor bancas and similarly-sized vessels are advised to take precautionary measures while venturing out to sea and, if possible, avoid navigating in these conditions, especially if inexperienced or operating ill-equipped vessels.**

TRACK AND INTENSITY OUTLOOK

- AGHON is forecast to make landfall in the vicinity of Quezon within the next 3 hours. Over the next 12 hours, the tropical storm will cross the landmass of mainland CALABARZON and Polillo Islands. AGHON will be over the waters off the east coast of Quezon or Aurora by this evening or tomorrow early morning. During this period, AGHON will likely remain as a tropical storm although weakening into a tropical depression while over mainland CALABARZON is not ruled out due to land interaction.
- From Monday through the remainder of the forecast period, AGHON will gradually accelerate northeastward while intensifying. It is forecast to reach severe tropical storm category on Tuesday. AGHON reaching typhoon category within the Philippine Area of Responsibility (PAR) is not yet ruled out, although it will most likely happen far from the landmass. On the track forecast, AGHON may exit the PAR region on Wednesday.

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 8:00 AM today.

DOST-PAGASA

Prepared by:  RPG

Checked by:  RBB