

Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) Weather Division



TROPICAL CYCLONE BULLETIN NR. 10

Tropical Depression AGHON

Location of Center (10:00 AM)

Issued at 11:00 AM, 25 May 2024 Valid for broadcast until the next bulletin at 2:00 PM today.

"AGHON" MAINTAINS ITS STRENGTH AND IS NOW OVER THE COASTAL WATERS OF SAN VICENTE, NORTHERN SAMAR

The center of Tropical Depression AGHON was estimated based on all available data over the coastal waters of San Vicente, Northern Samar (12.3°N, 124.0°E)

Intensity

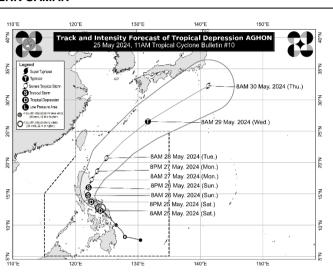
Maximum sustained winds of **55 km/h** near the center, gustiness of up to **85 km/h**, and central pressure of **1004 hPa**

Present Movement

Northwestward at 30 km/h

Extent of Tropical Cyclone Winds

 $\ensuremath{\textit{Strong winds}}$ extend outwards up to $\ensuremath{\textbf{110 km}}$ from the center



TRACK AND INTENSITY FORECAST								
	Center Position			Intensity		Movement		
Date and Time	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	dir. and speed (km/h)		
12-Hour Forecast 8:00 PM 25 May 2024	13.7	122.6	Over the coastal waters of San Narciso, Quezon	55	TD	NW 20		
24-Hour Forecast 8:00 AM 26 May 2024	14.8	122.0	In the vicinity of Burdeos, Quezon	75	TS	NNW 10		
36-Hour Forecast 8:00 PM 26 May 2024	16.0	122.1	Over the coastal waters of Casiguran, Aurora	85	TS	N 10		
48-Hour Forecast 8:00 AM 27 May 2024	17.3	122.6	Over the coastal waters of Divilacan, Isabela	95	STS	NNE 10		
60-Hour Forecast 8:00 PM 27 May 2024	18.6	123.5	200 km East of Aparri, Cagayan	100	STS	NNE 15		
72-Hour Forecast 8:00 AM 28 May 2024	20.7	125.0	315 km East of Basco, Batanes	110	STS	NE 25		
96-Hour Forecast 8:00 AM 29 May 2024	26.6	131.6	1,185 km Northeast of Extreme Northern Luzon (OUTSIDE PAR)	120	ΤY	NE 40		
120-Hour Forecast 8:00 AM 30 May 2024	32.3	141.3	2,315 km Northeast of Extreme Northern Luzon (OUTSIDE PAR)	100	STS	NE 45		

Prepared by: PCDM

WFFC, BIR Road, Diliman, Quezon City



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT							
TCWS No.	Luzon	Visayas	Mindanao				
1 Wind threat: Strong winds	The eastern portion of Bulacan (Norzagaray, Doña Remedios Trinidad, City of San Jose del Monte), the eastern portion of Nueva Ecija (General Tinio, Gabaldon), Aurora, the northern and southeastern portion of Quezon (Calauag, Guinayangan, Lopez, Buenavista, Catanauan, Mulanay, San Narciso, San Francisco, San Andres, Tagkawayan, Gumaca, Quezon, Alabat, Perez, Plaridel, Pitogo, Macalelon, General Luna, Atimonan, Unisan, Mauban, Real, Infanta, General Nakar, Padre Burgos, Agdangan, Sampaloc, Lucban, City of Tayabas, Pagbilao, Lucena City) including Pollilo Islands, the eastern portion of Laguna (Majayjay, Magdalena, Pagsanjan, Santa Cruz, Luisiana, Cavinti, Lumban, Kalayaan, Paete, Pangil, Siniloan, Mabitac, Santa Maria, Famy, Pakil), the eastern portion of Rizal (City of Antipolo, Rodriguez, Tanay, Baras, Jala-Jala, Pililla, Morong, Teresa, San Mateo), the eastern portion of Romblon (Cajidiocan, Magdiwang, San Fernando, Romblon, Corcuera, Banton), Marinduque, Sorsogon, Albay, Catanduanes, Camarines Sur, Camarines Norte, Masbate including Ticao and Burias Islands Warning lead time: 36 hours Range of wind speeds: 39 to 61 km/h (Beaufort Potential impacts of winds: Minimal to minor the		-				

HAZARDS AFFECTING LAND AREAS

Heavy Rainfall Outlook

Forecast accumulated rainfall: Today to tomorrow noon

- 100-200 mm: Bicol Region, Northern Samar, and the northern portion of Samar
- **50-100 mm:** Eastern portion of Isabela, Aurora, Quezon including Polillo Islands, Marinduque, Romblon, the rest of Samar, Eastern Samar, Biliran, the northern portions of Western Visayas, Leyte, and Cebu

Forecast accumulated rainfall: Tomorrow noon to Monday noon

- 100-200 mm: Camarines Norte, Camarines Sur, and Catanduanes.
- 50-100 mm: Quezon, Aurora, and the rest of Bicol Region.

Forecast rainfall are generally higher in elevated or mountainous areas. Under these conditions, **flooding and rain-induced landslides are possible** 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.

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Page 2 of 3 Checked by: ACJ

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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.

• 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

Today: AGHON will bring moderate to rough seas (1.5 to 3.5 m) over the coastal waters along the seaboards of Bicol Region, the southern seaboard of Quezon, the eastern seaboard of Eastern Visayas, the western seaboard of Samar and Northern Samar, and the eastern seaboard of Caraga 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 move generally northwestward and may possibly make landfall over Ticao Island within the next 12 hours. AGHON will then continue to move northwestward over the coastal waters of Burias Island between this afternoon or evening. It is forecast to emerge either over Lamon Bay or the waters north of Camarines Provinces by tomorrow early morning. This may be followed by another landfall in the vicinity of Polillo Islands tomorrow morning. During this period, AGHON may reach tropical storm category.
- Around tomorrow afternoon or evening, AGHON will begin to recurve towards the northeast. As it moves over the
 Philippine Sea, the tropical cyclone is forecast to continuously intensify and may reach typhoon category on
 Tuesday evening or Wednesday morning. On the track forecast, AGHON may exit the PAR region no earlier than
 Tuesday.

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 2:00 PM today.

DOST-PAGASA

