

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



TROPICAL CYCLONE BULLETIN NR. 14

Tropical Depression AGHON

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

TROPICAL DEPRESSION "AGHON" HAS MADE ANOTHER LANDFALL IN TORRIJOS, MARINDUQUE

Location of Center (10:00 PM)

The center of Tropical Depression AGHON was estimated based on all available data in the vicinity of Torrijos, Marinduque (13.3°N, 122.0°E)

Intensity

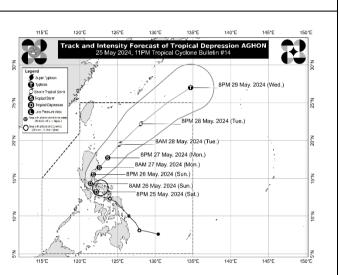
Maximum sustained winds of **55 km/h** near the center, gustiness of up to **75 km/h**, and central pressure of **1004 hPa**

Present Movement

Northwestward at 15 km/h

Extent of Tropical Cyclone Winds

Strong winds extend outwards up to 200 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 AM 26 May 2024	14.3	121.4	In the vicinity of Santa Cruz, Laguna	55	TD	NW 10		
24-Hour Forecast 8:00 PM 26 May 2024	15.5	121.8	Over the coastal waters of San Luis, Aurora	65	TS	NNE 10		
36-Hour Forecast 8:00 AM 27 May 2024	16.4	122.6	Over the coastal waters of Dilasag, Aurora	75	TS	NE 10		
48-Hour Forecast 8:00 PM 27 May 2024	17.7	123.7	205 km East of Tuguegarao City, Cagayan	85	TS	NE 15		
60-Hour Forecast 8:00 AM 27 May 2024	19.5	125.3	405 km East of Calayan, Cagayan	100	STS	NE 20		
72-Hour Forecast 8:00 PM 28 May 2024	22.2	128.1	665 km East Northeast of Itbayat, Batanes	110	STS	NE 35		
96-Hour Forecast 8:00 PM 29 May 2024	27.0	134.7	1,480 km East Northeast of Extreme Northern Luzon (OUTSIDE PAR)	120	ΤY	NE 35		

Prepared by: RPG

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 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, Quezon, Rizal, Laguna, the eastern portion of Cavite (Mendez, Gen. Mariano Alvarez, Noveleta, Silang, City of Dasmariñas, City of General Trias, Amadeo, Carmona, Kawit, Rosario, Tanza, Alfonso, Tagaytay City, Baccor City, Trece Martires City, Imus City, Indang), the eastern portion of Batangas (Lobo, Taysan, Rosario, Padre Garcia, San Juan, Santo Tomas, Batangas City, Tingloy, Bauan, San Luis, Mabini, San Pascual, San Jose, Ibaan, Lipa City, Mataasnakahoy, Balete, Malvar, Calaca, Cuenca, Talisay, Agoncillo, Lemery, City of Tanauan, Alitagtag, San Nicolas, Laurel, Santa Teresita, Taal), the northern portion of Oriental Mindoro (Pinamalayan, Pola, Naujan, Victoria, Socorro, City of Calapan, Bansud, Gloria, Baco, San Teodoro, Puerto Galera, Bongabong, Roxas), portions of Occidental Mindoro (Sablayan, Abra de Ilog), Marinduque, Romblon, Camarines Norte, Camarines Sur, Catanduanes, Albay, 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

Heavy Rainfall Outlook

Forecast accumulated rainfall: From tonight until tomorrow evening

- > 200 mm: Quezon including Polillo Islands
- **100-200 mm:** The southern portion of Aurora, the eastern portion of Bulacan, Rizal, Laguna, Marinduque, and Camarines Norte
- **50-100 mm:** The rest of Aurora, Nueva Ecija, the rest of Bulacan, the eastern portion of Pampanga, Metro Manila, the rest of CALABARZON, Oriental Mindoro, Occidental Mindoro, Romblon, Burias Island, and Camarines Sur.

Forecast accumulated rainfall: From tomorrow evening to Monday evening

- 100-200 mm: Polillo Islands
- **50-100 mm:** The eastern portion of Isabela, Aurora, the northern portion of Quezon, the eastern portions of Bulacan and Rizal, and Camarines Norte.

Forecast rainfall are generally higher in elevated or mountainous areas. Under these conditions, flooding and raininduced 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



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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

Tonight to tomorrow evening: AGHON will bring moderate to rough seas (1.5 to 3.5 m) over the coastal waters along the northern and eastern seaboards of Luzon and the southern seaboard of Quezon and 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 move northwestward or north northwestward and make another landfall in mainland Quezon in the next 12 hours. Afterwards, the tropical cyclone will begin turning north northeastward and emerge over the waters east of Aurora by tomorrow afternoon or evening. \\AGHON will move generally northeastward movement for the remainder of the forecast period while gradually accelerating. On the track forecast, AGHON may leave the Philippine Area of Responsibility (PAR) by Wednesday.
- AGHON is forecast to remain a Tropical Depression while traversing Luzon over the next 12 hours. Once over the waters east of Aurora, it may begin to intensify and reach tropical storm category tomorrow evening. Further intensification is likely for the remainder of the forecast period and may reach a peak of severe tropical storm category or typhoon while inside the PAR region.

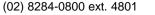
Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation 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 AM tomorrow.

DOST-PAGASA



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