



TROPICAL CYCLONE BULLETIN NO. 21
Severe Tropical Storm "MARING" (KOMPASU)

Issued at 8:00 PM, 11 October 2021

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

"MARING" HAS PASSED VERY CLOSE SOUTH OF CAMIGUIN ISLAND, CAGAYAN.

Location of Center (7:00 PM)

The center of Severe Tropical Storm "MARING" was estimated based on all available data at **over the coastal waters of Calayan, Cagayan (18.8°N, 122.0°E)**

Intensity

Maximum sustained winds of **95 km/h** near the center, gustiness of up to **115 km/h**, and central pressure of **980 hPa**

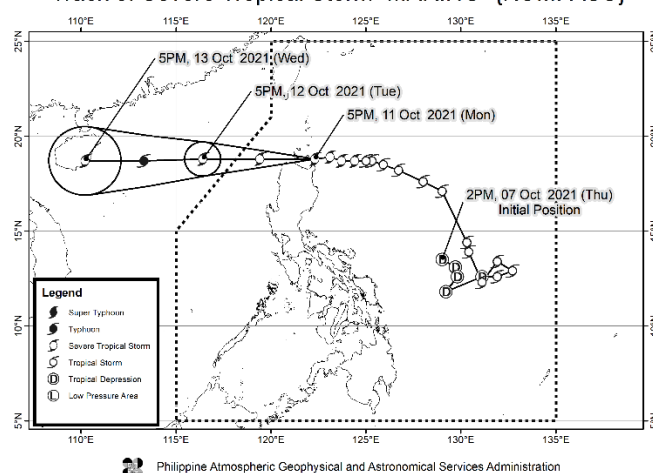
Present Movement

Westward at 25 km/h

Extent of Tropical Cyclone Winds

Strong winds or higher extend outwards up to **850 km** from the center

Track of Severe Tropical Storm "MARING" {KOMPASU}



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 12 October 2021	18.8	119.4	225 km West Southwest of Calayan, Cagayan	100	STS	W 25
24-Hour Forecast 5:00 PM 12 October 2021	18.8	116.4	535 km West of Calayan, Cagayan (outside the PAR)	110	STS	W 25
36-Hour Forecast 5:00 AM 13 October 2021	18.7	113.3	860 km West of Extreme Northern Luzon (outside the PAR)	120	TY	W 25
48-Hour Forecast 5:00 PM 13 October 2021	18.7	110.2	1,190 km West of Extreme Northern Luzon (outside the PAR)	110	STS	W 25



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TROPICAL CYCLONE WIND SIGNALS IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
2 (Damaging gale-to storm-force winds prevailing or expected within 24 hours)	Batanes, Cagayan including Babuyan Islands, the northern portion of Isabela (<i>Palanan, Divilacan, Maconacon, Ilagan City, Tumauni, Cabagan, San Pablo, Santa Maria, Santo Tomas, Delfin Albano, Quirino, Gamu, Roxas, Mallig, Quezon</i>), Apayao, Kalinga, Mountain Province, Abra, Ilocos Norte, and Ilocos Sur	-	-
1 (Strong winds prevailing or expected within 36 hours)	The rest of Isabela, Nueva Vizcaya, Quirino, Ifugao, Benguet, La Union, Pangasinan, Aurora, Nueva Ecija, Tarlac, Zambales, Pampanga, Bulacan, the northern portion of Bataan (<i>Samal, Morong, Dinalupihan, Abucay, Orani, Hermosa</i>), and the northern portion of Quezon (<i>General Nakar, Infanta</i>) including Polillo Islands	-	-
Tropical Cyclone Wind Signal #1 over Calaguas Islands is hereby lifted.			



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- Tonight through tomorrow morning, Severe Tropical Storm "MARING" will bring heavy to intense with at times torrential rains over Batanes, northern portion of mainland Cagayan including Babuyan Islands, Ilocos Norte, Ilocos Sur, Apayao, Abra, Mountain Province, and Benguet. Moderate to heavy with at times intense rains over the rest of mainland Cagayan, Cordillera Administrative Region, and Ilocos Region. Light to moderate with at times heavy rains over Central Luzon and the rest of Cagayan Valley. Under these conditions, scattered flash floods and rain-induced landslides are highly likely especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps.
- Under the influence of the Southwest Monsoon enhanced by Severe Tropical Storm "MARING", monsoon rains are possible over Visayas, Zamboanga Peninsula, Palawan, Occidental Mindoro, and Oriental Mindoro in the next 24 hours. For more information, refer to Weather Advisory #4 issued at 11:00 AM today and 24-Hour Public Weather Forecast at 4:00 PM today.

Severe Winds

- Gale- to storm-force strength will be experienced within any of the areas where Tropical Cyclone Wind Signal (TCWS) #2 is in effect. This may result in generally light to moderate damage to structures and vegetation.
- Strong winds (strong breeze to near gale conditions) with higher gusts will be experienced within any of the areas where TCWS #1 is currently in effect. This may generally bring up to very light damage to structures and vegetation.
- Due to the expansive wind field of "MARING" and the enhanced Southwest Monsoon, occasional gusts reaching strong to gale-force in strength are possible over the island, coastal, and upland/mountain localities of Visayas, Dinagat Islands, Surigao del Norte, Agusan del Norte, Misamis Oriental, Misamis Occidental, Camiguin, Zamboanga del Norte, and the rest of Luzon.

Coastal Inundation

A minimal to moderate risk of life-threatening storm surge reaching up to 1.0 m in height may occur in the next 24 hours. Rising sea water along with the high waves from the shoreline moving inland may cause flooding in the low-lying coastal localities of Batanes, Cagayan including Babuyan Islands and Ilocos Norte. For more information, refer to Storm Surge Warning #2 for Severe Tropical Storm "MARING" issued at 8:00 PM today.

HAZARDS AFFECTING COASTAL WATERS

- Under the influence of Severe Tropical Storm "MARING" and the surge of Southwest Monsoon, a Gale Warning is in effect for the seaboard of Southern Luzon and Visayas, the western seaboard of Central Luzon, and the eastern, northern, and western seaboard of Mindanao. For more information, refer to Gale Warning #8 (Intermediate) issued at 8:00 PM today.
- In the next 24 hours, rough to high seas (2.8 to 7.5 m) will be experienced over the seaboard of areas where TCWS #2 and #1 are in effect. These conditions are risky for all types of sea vessels. Mariners are advised to remain in port or take shelter in port until winds and waves subside.
- Within the same period, moderate to rough seas (1.2 to 2.8 m) will prevail over the remaining seaboard of the country. These conditions are risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

- "MARING" will continue moving westward over the Luzon Strait until tomorrow early morning. On the forecast track, the center of the storm is forecast to pass very close or over the Babuyan Islands tonight, without ruling out the possibility of landfall over the northern portion of mainland Cagayan or Ilocos Norte. "MARING" may exit the Philippine Area of Responsibility (PAR) tomorrow morning. Outside the PAR, the storm will continue moving westward over the West Philippine Sea until it makes landfall in the vicinity of Hainan Island on Wednesday afternoon.
- This tropical cyclone may reach typhoon category tomorrow evening while moving over the West Philippine Sea. Weakening will likely take place on Wednesday afternoon as it makes landfall over Hainan Island.

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.**

Unless superseded by an intermediate bulletin, the next tropical cyclone bulletin will be issued at 11:00 PM today.

DOST-PAGASA

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