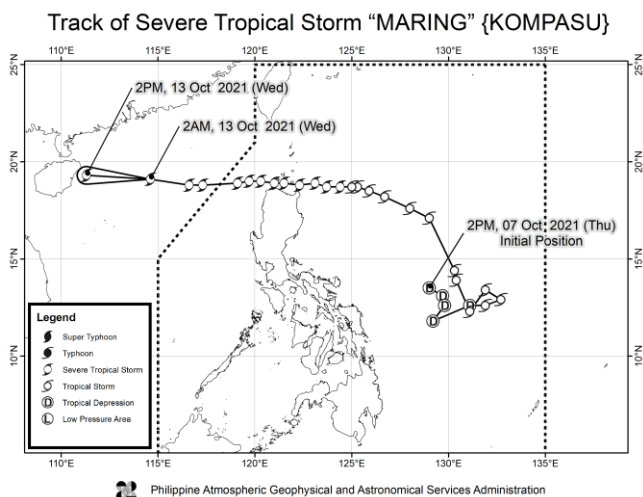




TROPICAL CYCLONE BULLETIN NO. 29F
Severe Tropical Storm “MARING” (KOMPASU)
 Issued at 5:00 AM, 13 October 2021

SEVERE TROPICAL STORM “MARING” CONTINUES TO MOVE AWAY FROM THE COUNTRY.

Location of Center (4:00 AM)
The center of Severe Tropical Storm “MARING” was estimated based on all available data over 765 km West of Calayan, Cagayan (outside the PAR) (19.1°N, 114.2°E)
Intensity
Maximum sustained winds of 100 km/h near the center, gustiness of up to 125 km/h , and central pressure of 975 hPa
Present Movement
West northwestward at 30 km/h
Extent of Tropical Cyclone Winds
Strong winds or higher extend outwards up to 800 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 13 October 2021	19.3	111.3	1,070 km West of Extreme Northern Luzon (outside the PAR)	100	STS	W 30

TROPICAL CYCLONE WIND SIGNALS IN EFFECT

All Tropical Cyclone Wind Signals hoisted are now lifted.

Prepared by: *RPG*

Checked by: *SFD*



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Issued at 5:00 AM, 13 October 2021

HAZARDS AFFECTING LAND AREAS
<p>Heavy Rainfall</p> <ul style="list-style-type: none"> Despite weakening trend of forecast rainfall over Northern Luzon in the next 24 hours, the high saturation of soil moisture in these areas due to large amounts of antecedent rainfall meant that flooding (including flash floods) and rain-induced landslides are still likely especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps even in the event of light to moderate rains. Under the influence of the Southwest Monsoon enhanced by Severe Tropical Storm “MARING”, monsoon rains are possible over Bataan, Zambales, Occidental Mindoro, and Palawan within the next 24 hours. For more information, refer to Weather Advisory #7 issued at 11:00 PM yesterday and the 24-Hour Public Weather Forecast at 4:00 AM today. <p>Severe Winds</p> <p>Owing to the consolidation in the wind field of “MARING” and its continuous westward movement, prevailing winds over the country are now below warning criteria necessary for the hoisting of a Tropical Cyclone Wind Signal (TCWS). As such, all wind signals in the country have been lifted. Nevertheless, gusty conditions reaching strong to gale-force in strength due to the enhanced Southwest Monsoon remain likely over MIMAROPA, Western Visayas, Bicol Region, and Extreme Northern Luzon, and possible over the rest of Luzon.</p>
HAZARDS AFFECTING COASTAL WATERS
<ul style="list-style-type: none"> Under the influence of Severe Tropical Storm “MARING” and the enhanced Southwest Monsoon, Gale Warning remains in effect for the northern and western seaboard of Luzon. For more information, refer to Gale Warning #11 issued at 5:00 AM today. Moderate to rough seas (1.2 to 3.0 m) will prevail over the remaining seaboard of Luzon, and the western seaboard of Visayas and Mindanao. 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
<p>The storm will continue moving westward over the West Philippine Sea and maintain its strength until it makes landfall in the vicinity of Hainan, China this afternoon or tonight.</p>

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.**

With this development and unless a significant change in the forecast scenario occurs, this is the **final tropical cyclone bulletin**. Succeeding updates on “MARING” will be incorporated in the 24-Hour Public Weather Forecast at 4:00 PM today.

DOST-PAGASA

Prepared by:  **RPG**

Checked by:  **SFD**