



## TROPICAL CYCLONE BULLETIN NO. 13

### Tropical Storm "MARING" (KOMPASU)

Issued at 5:00 PM, 10 October 2021

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

#### TROPICAL STORM "MARING" IS NOW MOVING WEST NORTHWESTWARD OVER THE PHILIPPINE SEA EAST OF CAGAYAN.

##### Location of Center (4:00 PM)

The center of Tropical Storm "MARING" was estimated based on all available data at **645 km East of Tuguegarao City, Cagayan** or **655 km East of Aparri, Cagayan (18.0°N, 127.8°E)**

##### Intensity

Maximum sustained winds of **85 km/h** near the center, gustiness of up to **105 km/h**, and central pressure of **990 hPa**

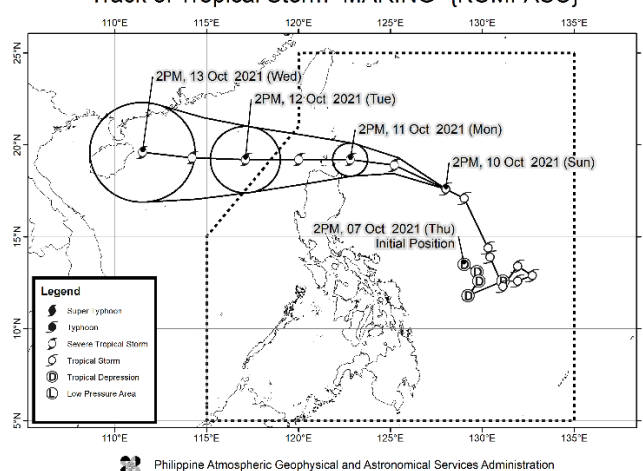
##### Present Movement

**West northwestward at 20 km/h**

##### Extent of Tropical Cyclone Winds

**Strong winds or higher** extend outwards up to **750 km** from the center

##### Track of 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.	
<b>12-Hour Forecast</b> 2:00 AM 11 October 2021	18.9	125.2	395 km East of Calayan, Cagayan	95	STS	WNW 25
<b>24-Hour Forecast</b> 2:00 PM 11 October 2021	19.2	122.8	140 km East of Calayan, Cagayan	95	STS	W 20
<b>36-Hour Forecast</b> 2:00 AM 12 October 2021	19.2	120.0	155 km West of Calayan, Cagayan	100	STS	W 25
<b>48-Hour Forecast</b> 2:00 PM 12 October 2021	19.2	117.1	460 km West of Calayan, Cagayan (outside the PAR)	100	STS	W 25
<b>60-Hour Forecast</b> 2:00 AM 13 October 2021	19.3	114.2	765 km West of Calayan, Cagayan (outside the PAR)	95	STS	W 25
<b>72-Hour Forecast</b> 2:00 PM 13 October 2021	19.6	111.5	1,045 km West of Extreme Northern Luzon (outside the PAR)	95	STS	W 25

Prepared by:  SMRR

Checked by:  JSG



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TROPICAL CYCLONE WIND SIGNALS IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
<b>2</b> (Damaging gale-force to storm-force winds prevailing or expected within 24 hours)	<b>Batanes, Cagayan including Babuyan Islands, the northern portion of Isabela</b> ( <i>Santa Maria, Quezon, Cabagan, Delfin Albano, Santo Tomas, Tumauni, Maconacon, San Pablo, Divilacan, Palanan, Ilagan City</i> ), <b>Apayao, the northern portion of Kalinga</b> ( <i>Balbalan, Pinukpuk, Rizal, City of Tabuk</i> ), and the <b>northeastern portion of Ilocos Norte</b> ( <i>Pagudpud, Adams, Dumalneg, Bangui, Vintar, Carasi</i> )	-	-
<b>1</b> (Strong winds prevailing or expected within 36 hours)	<b>The rest of Ilocos Norte, Ilocos Sur, La Union, Pangasinan, Abra, the rest of Kalinga, Mountain Province, Ifugao, Benguet, the rest of Isabela, Quirino, Nueva Vizcaya, the northern and central portion of Aurora</b> ( <i>Dilasag, Dinalungan, Casiguran, Dipaculao, Maria Aurora, Baler</i> ), the <b>northern portion of Nueva Ecija</b> ( <i>Carranglan, Lupao, Pantabangan, San Jose City</i> ), and <b>Catanduanes</b>	<b>Eastern Samar, the eastern portion of Northern Samar</b> ( <i>San Roque, Pambujan, Las Navas, Catubig, Laoang, Mapanas, Lapinig, Gamay, Palapag, Mondragon, Silvino Lobos</i> ), and the <b>eastern portion of Samar</b> ( <i>Matuguinao, San Jose de Buan, Hinabangan, Paranas</i> )	-
Tropical Cyclone Wind Signals hoisted in other areas are hereby lifted.			

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#### **HAZARDS AFFECTING LAND AREAS**

##### **Heavy Rainfall**

- Tonight through tomorrow evening, "MARING" will bring moderate to heavy with at times intense rains over Batanes, Cagayan including Babuyan Islands, Cordillera Administrative Region, and Ilocos Region. Light to moderate rains with at times heavy rains may prevail over Central Luzon and the rest of Cagayan Valley.
- The enhancement of the southwesterlies may bring rains over Visayas, Zamboanga Peninsula, Palawan, and Occidental Mindoro. For more information, refer to Weather Advisory #2 issued and the 24-Hour Public Weather Forecast at 11:00 AM and 4:00 PM today, respectively.
- Under these conditions, scattered to widespread flooding (including flash floods) and rain-induced landslides are possible especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps.

##### **Severe Winds**

- Winds may reach gale- to storm-force strength within any of the areas where TCWS #2 is in effect. This may result to light to moderate damage to structures and vegetation.
- Strong winds (strong breeze to near gale conditions) with higher gusts are prevailing in areas where Tropical Cyclone Wind Signal (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 the tropical storm and the enhancement of the southwesterlies and northeasterlies, occasionally gusts reaching strong breeze to near gale in strength are possible in the next 24 hours over the coastal and upland/mountain areas of MIMAROPA, Bicol Region, Visayas, Caraga, and Northern Mindanao that are not under TCWS.

#### **HAZARDS AFFECTING COASTAL WATERS**

- Under the influence of Tropical Storm "MARING", a Gale Warning is in effect for eastern seaboard of Central and Southern Luzon and the northern coast of Northern Samar. For more information, refer to Gale Warning #5 issued at 5:00 PM today.
- In the next 24 hours, moderate to rough seas will prevail over the remaining seaboard of Luzon and Visayas, and the northern and eastern seaboard of 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**

- The tropical storm is forecast to continue moving west northwestward in the next 12 hours before turning westward towards Extreme Northern Luzon. "MARING" is forecast to gradually intensify and may be upgraded to severe tropical storm within the next 12 hours.
- On the forecast track, "MARING" is forecast move over Luzon Strait and may pass close or over the Babuyan Islands between tomorrow afternoon and Tuesday early morning. However, the possibility of a landfall over mainland Luzon is not ruled out at this time. Afterwards, the storm will continue to move westward through the remainder of the forecast period and may exit the Philippine Area of Responsibility by Tuesday morning or afternoon.

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**

Prepared by:  **SMRR**

Checked by:  **JSG**