

MONDAY
11 OCT 2021
1200 HRS UTC +7

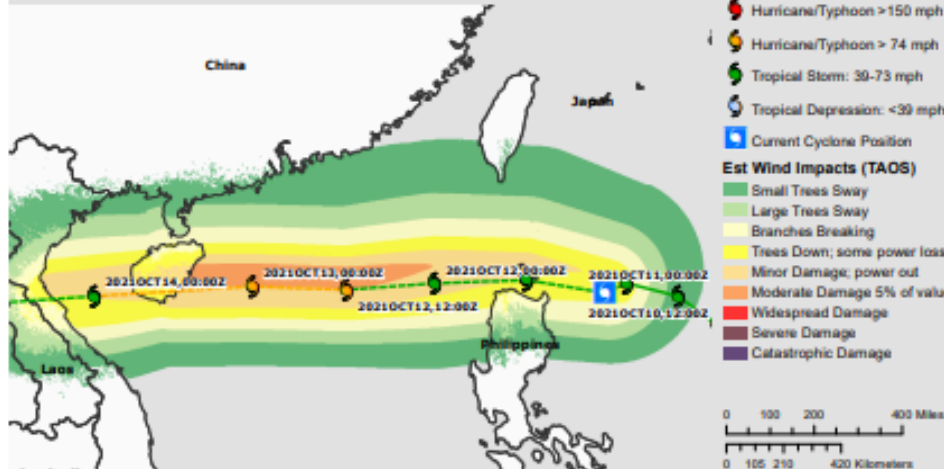
TROPICAL CYCLONE KOMPASU (MARING) PHILIPPINES FLASH UPDATE #1



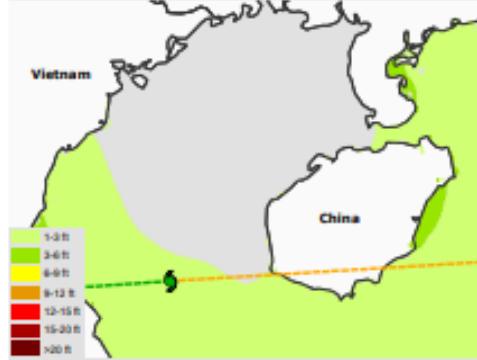
Tropical Storm Kompasu - Estimated Impacts Warning 4, 11 October 2021 0300 UTC

JTWC Summary: TROPICAL STORM 24W (KOMPASU), LOCATED APPROXIMATELY 298 NM NORTHEAST OF MANILA, PHILIPPINES, HAS TRACKED WEST-SOUTHWESTWARD AT 07 KNOTS OVER THE PAST SIX HOURS. MAXIMUM SIGNIFICANT WAVE HEIGHT AT 110900Z IS 16 FEET. NEXT WARNINGS AT 110900Z, 111500Z, 112100Z AND 120300Z.

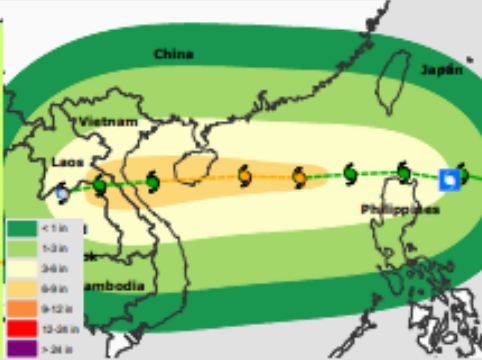
Estimated Wind Impacts



Estimated Still Water Storm Surge



Estimated Tropical Cyclone Rainfall

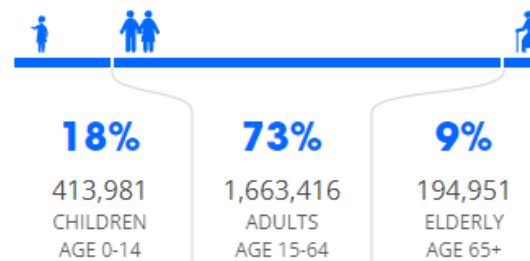


KEY FIGURES

2.27M
ESTIMATED
POPULATION
EXPOSED

703.1K
ESTIMATED
HOUSEHOLDS
EXPOSED

\$41.3B
ESTIMATED
REPLACEMENT VALUE
OF INFRASTRUCTURE



DATA SOURCES

ASEAN Disaster Monitoring & Response System (DMRS); Pacific Disaster Center (PDC Global); Philippines: NDRMCC, PAGASA;

Verified news media agencies.

DISCLAIMER

The AHA Centre was established in November 2011 by the Association of Southeast Asian Nations (ASEAN). Member States to facilitate cooperation and coordination among the Member States, relevant agencies of the United Nations, and international organisations in disaster management and humanitarian assistance. The use of boundaries, geographic names, related information and potential considerations for response are for reference, not warranted to be error free or implying official endorsement from ASEAN Member States.

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TROPICAL CYCLONE KOMPASU (MARING) PHILIPPINES FLASH UPDATE #1

PHILIPPINES

- **OVERVIEW:** **TC KOMPASU** (local name "Maring") intensifies into a **severe tropical storm** as it moves westward towards Babuyan Islands, Philippines according to the Philippine Atmospheric Geophysical and Astronomical Services Administration ([PAGASA](#)).
- **LOCATION:** The centre of **TC KOMPASU (Maring)** was estimated based on all available data at 240 km East of Aparri, Cagayan or 265 km East Southeast of Calayan, Cagayan (18.7°N, 123.9°E)
- **INTENSITY:** maximum sustained winds of 95 km/h near the centre, gustiness of up to **115 km/h**, and central pressure of **980 hPa**; strong winds or higher extend outwards up to 850 km from the centre.
- **TROPICAL CYCLONE WIND SIGNAL (TCWS)**

TCWS No.	Area in Luzon
2 (Damaging gale- to storm-force winds prevailing or expected within 24 hours)	Batanes, Cagayan including Babuyan Islands, the northern portion of Isabela (Palanan, Divilacan, Maconacon, Ilagan City, Tumauini, Cabagan, San Pablo, Santa Maria, Santo Tomas, Delfin Albano, Quirino, Gamu, Roxas, Mallig, Quezon), 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 (Samal, Morong, Dinalupihan, Abucay, Orani, Hermosa), the northern portion of Quezon (General Nakar, Infanta), including Polillo Islands, and Calaguas Islands

- **HAZARDS:** **heavy rainfall** in Regions I, II, and III. Under these conditions, scattered flash floods and rain-induced landslides are highly likely especially in areas under that are highly susceptible to these hazards as identified in hazard maps; **severe winds** in any of the areas under TCWS no. 2; due to the expansive wind field **TC KOMPASU (Maring)** and the enhanced Southwest Monsoon, occasional gusts reaching strong- to gale-force winds are possible in areas of Visayas, Mindanao, and the rest of Luzon ([PAGASA](#)).
- **TRACK AND INTENSITY OUTLOOK:** **TC KOMPASU (Maring)** is forecast to move westward and the possibility of landfall over mainland Cagayan or a close approach over Batanes is not yet ruled out; **TC KOMPASU (Maring)** is forecast to exit the Philippine Area of Responsibility (PAR) tomorrow morning and continue moving westward towards Hainan, China. **TC KOMPASU (Maring)** may reach typhoon category tomorrow afternoon or evening over the West Philippine Sea and start to weaken once it makes landfall in Hainan Island.
- **EXPOSURE:** an estimated **164,791 people, 51,497 households, and \$2.99 Billion (USD) of infrastructure are potentially exposed to moderate to severe damaging winds** (with damage expected closer to the shores). All shorelines in the path of the storm are exposed to potential storm surge, and inland areas within the proximity of the storm are exposed to potential flooding ([PDC-Global](#)).
- **POTENTIAL IMPACTS:** winds strong enough to topple trees and cause power loss is possible in northern portions of the Philippines; 76.2 mm to 152.4 mm of tropical cyclone associated rainfall is possible in the northern half of Luzon Island in the Philippines ([PDC-Global](#)).
- **PREPAREDNESS:** the Philippines' National Disaster Risk Reduction and Management Council (NDRRMC) has been on **ALERT STATUS: RED** since the start of the pandemic.
- The AHA Centre will continue to monitor and issue necessary updates once more information becomes available from official sources.

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