

SUNDAY  
25 OCT 2020  
1800 HRS UTC +7

# TYPHOON "MOLAVE" PHILIPPINES FLASH UPDATE #1



ONE ASEAN ONE RESPONSE

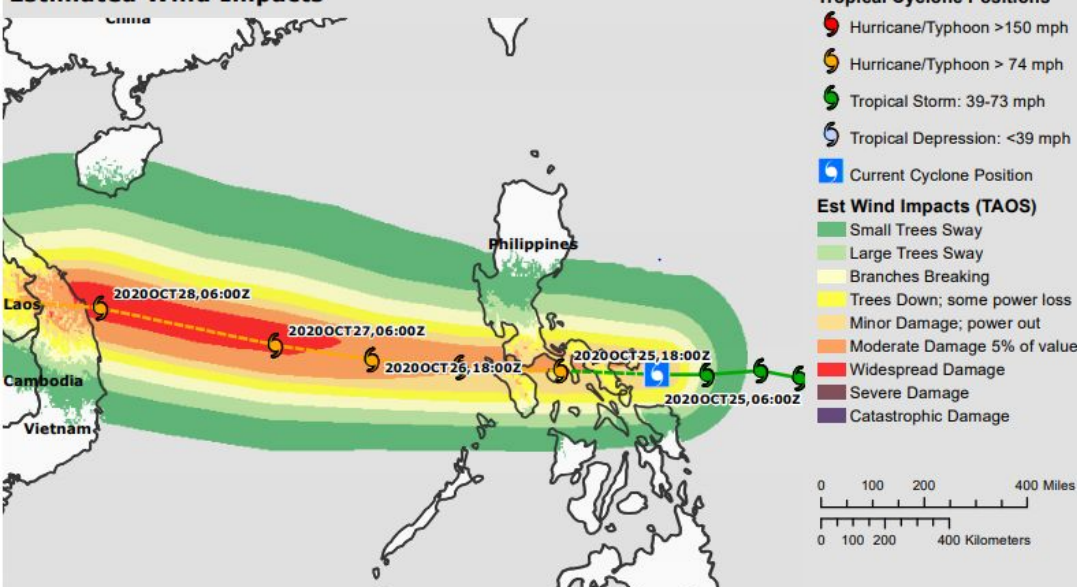
## Tropical Storm Molave - Estimated Impacts

Warning 6, 25 October 2020 0900 UTC

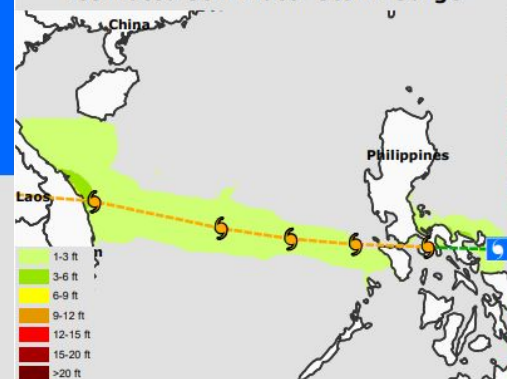


JTWC Summary: TROPICAL STORM 21W (MOLAVE), LOCATED APPROXIMATELY 238 NM EAST-SOUTHEAST OF MANILA, PHILIPPINES, HAS TRACKED WESTWARD AT 14 KNOTS OVER THE PAST SIX HOURS. MAXIMUM SIGNIFICANT WAVE HEIGHT AT 250600Z IS 22 FEET. NEXT WARNINGS AT 251500Z, 252100Z, 260300Z AND 260900Z.

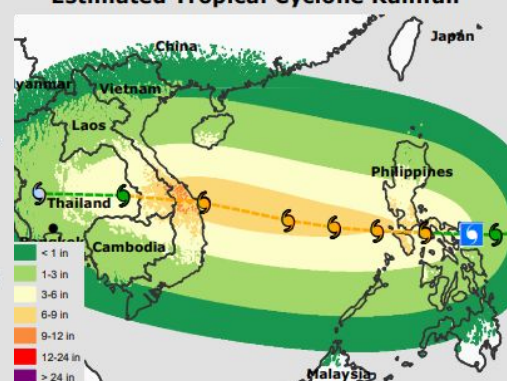
### Estimated Wind Impacts



### Estimated Still Water Storm Surge



### Estimated Tropical Cyclone Rainfall



## ESTIMATED EXPOSURE

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**14.4 Million**  
ESTIMATED POPULATION  
EXPOSED



**3.03 Million**  
ESTIMATED HOUSEHOLDS  
EXPOSED



**\$43.4 Billion**  
ESTIMATED REPLACEMENT  
VALUE OF BUILDINGS AND  
INFRASTRUCTURE

**22.2% RESIDENTIAL**  
**38.2% SERVICE**  
**19.6% INDUSTRIAL**  
**20.0% SCHOOLS**  
**00.1% HOSPITALS**

## Philippines

- **Location:** As of 25 October 2020, 5:10 PM WIB, Typhoon **MOLAVE** (local name: Quinta) has made landfall over San Miguel Island, Tabaco City, Albay and again at 5:50 PM WIB over Malinao, Albay. ([PAG-ASA](#))
- **Strength:** Maximum sustained winds of 130 km/h near the center, gustiness of up to 160 km/h
- **Movement:** Moving Westward at 25 km/h, and is expected to strengthen over the next 24 hours. It is cautioned, however, that the storm's actual position may shift significantly in the coming days. ([DMRS](#), [PDC-Global](#))
- **Estimated Impacts:**
  - An estimated **5.12 Million people**, **1.22 Million households**, and **\$12.2 Billion (USD) of infrastructure\*** are potentially exposed to moderate to severe damaging winds. *\*total replacement cost*
  - Winds strong enough to bring to cause minor damages and some power loss is expected as can be seen in the Estimate Wind Impacts map from the Pacific Disaster Center's ([PDC Global](#)). Based on the Estimated Tropical Cyclone Rainfall map, at most 304.8 mm of 5-day cumulative rainfall is predicted in Typhoon **MOLAVE**'s track.
  - All shorelines in the path of the storm are exposed to potential storm surge (0.9 - 1.8 m), and inland areas within the proximity of the typhoon are exposed to potential flooding.
- **Tropical Cyclone Wind Signal (TCWS) no. 3** is raised over Catanduanes, the eastern portion of Camarines Sur (Goa, Ocampo, Bula, Lagonoy, Garchitorena, Caramoan, Presentacion, San Jose, Tigaon, Sagnay, Buhi, Iriga City, Baao, Nabua, Bato, Balatan), Albay, Sorsogon, and Burias and Ticao Islands.
- The AHA Centre will continue to monitor for further developments and provide additional updates as they become available by official sources.

### DATA SOURCES

ASEAN Disaster Monitoring & Response System (DMRS); Pacific Disaster Center (PDC Global); Joint Typhoon Warning Center (JTWC)

Philippines: 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.

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