

FRIDAY
9 JUNE 2023
1600 HRS UTC +7

TROPICAL CYCLONE THREE MYANMAR FLASH UPDATE #1



ONE ASEAN ONE RESPONSE

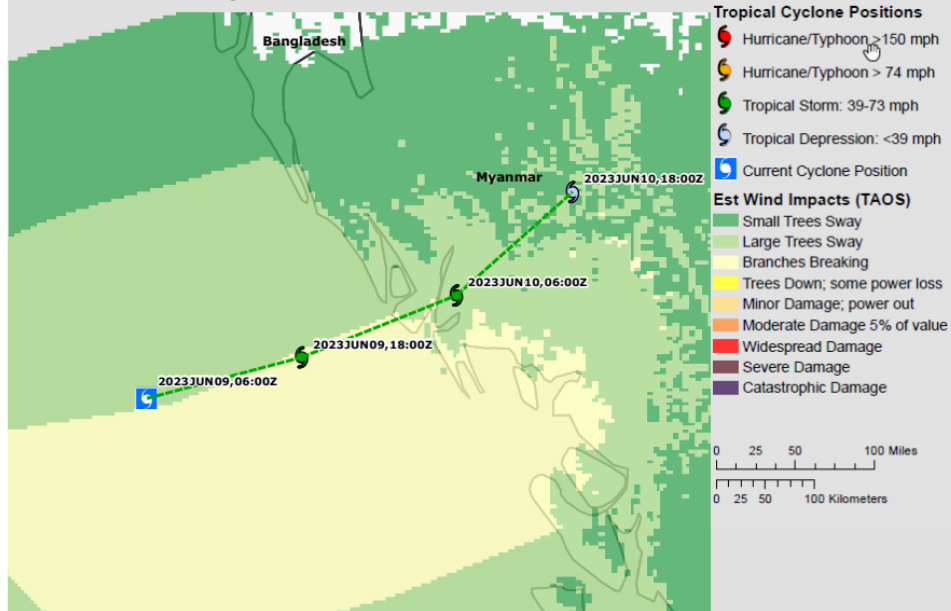
Tropical Cyclone Three - Estimated Impacts

Warning 1, 09 June 2023 0900 UTC

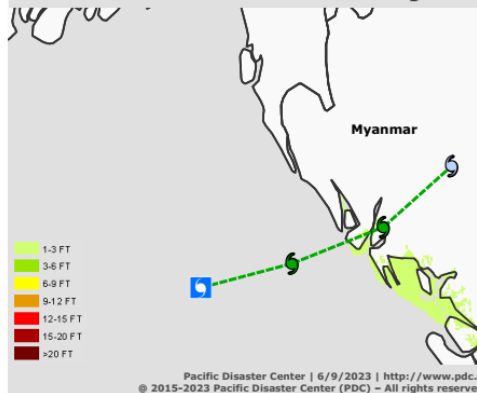


PDC-311A
JTWC Summary: TROPICAL CYCLONE 03B (THREE), LOCATED APPROXIMATELY 151 NM SOUTH OF CHITTAGONG, HAS TRACKED EASTWARD AT 02 KNOTS OVER THE PAST SIX HOURS. MINIMUM CENTRAL PRESSURE AT 2023060906Z IS 995 MB. MAXIMUM SIGNIFICANT WAVE HEIGHT AT 090600Z IS 12 FEET. NEXT WARNINGS AT 091500Z, 092100Z, 100300Z AND 100900Z.

Estimated Wind Impacts



Estimated Still Water Storm Surge

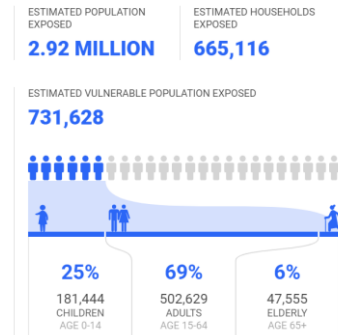


Estimated Tropical Cyclone Rainfall



Pacific Disaster Center | 6/9/2023 | <http://www.pdc.org> | response@pdc.org | Data: NOAA, KinetiCastTC, ESRI.
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POPULATION EXPOSED



ESTIMATED HOSPITALS EXPOSED

16

ESTIMATED SCHOOLS EXPOSED

50

BREAKDOWN OF KEY NEEDS

FOR EXPOSED VULNERABLE POPULATION



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- **OVERVIEW:** A tropical cyclone forecast has been issued by the Joint Typhoon Warning Center (JTWC) on 9 June 2023, 1600 HRS UTC+7. Tropical Cyclone Three is located in the N Indian Ocean with maximum sustained winds of 74 km/h, and wind gusts up to 93 km/h.
- **MOVEMENT:** Tropical Cyclone Three is headed East at about 4 km/h, and is expected to remain at this strength over the next 24 hours.
- **HAZARDS:**
 - At most winds strong enough to cause tree branches to break over Rakhine
 - At most 152 mm estimated tropical cyclone-associated rainfall over Rakhine
- **FORECAST:** Based on the current forecast, Tropical Cyclone Three is within 167 km from Myanmar, and the centre is expected to make landfall within the next 23 hour(s), along the shores of/near Rakhine, with sustained winds of about 74 km/h.
- **EXPOSURE:** According to the ASEAN Disaster Monitoring and Response System (DMRS), an estimated 2.92 Million people, 665K households, and 13.5 Billion USD of infrastructure (total replacement value) are potentially exposed to moderate to severe damaging winds. 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.
- **LIKELIHOOD OF IMPACT TO IN MYANMAR:** Following the damages and impacts in Myanmar which is caused by Tropical Cyclone MOCHA starting 14 May 2023 ([The AHA Centre SITUATION UPDATE on TC MOCHA](#)), **severe impacts from Tropical Cyclone Three are expected** despite the current forecast for the potential hazard with at most cause tree branches to break (estimated wind impact) and 152 mm estimated tropical cyclone-associated rainfall.
- **BREAKDOWN OF KEY NEEDS:** (Of exposed vulnerable population, source: DisasterAWARE)
 - 1.53 billion calories per day
 - 2.19 million litres of water per day
 - 73.2K 100-liter waste bins
 - 2.52M square metres of shelter
- The AHA Centre will continue to monitor and issue necessary updates.

DATA SOURCES

ASEAN Disaster Monitoring & Response System (DMRS); Pacific Disaster Center (PDC Global);

Myanmar: DDM, DMH;

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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