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வளிமண்டலவியல் திணைக்களம்

Department of Meteorology

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Bulletin No: 10

WWO/23/12/04/01

COLOR: **Red**

Warning for strong winds and rough seas.

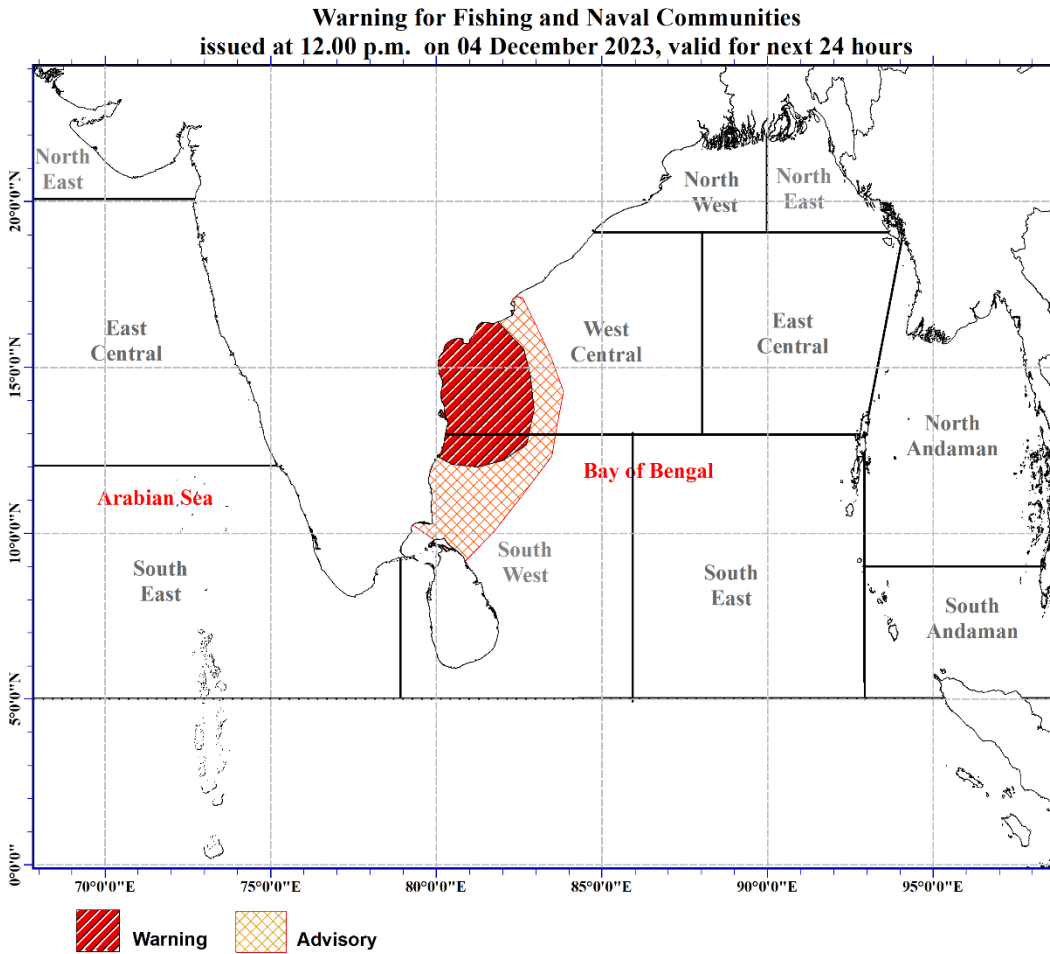
Issued by the Natural Hazards Early Warning Centre

Issued at 12.00 noon 04 December 2023, valid until 12.00 noon 05 December 2023

For Naval and Fisherman communities in the deep and shallow sea areas in the southwest Bay of Bengal

PLEASE BE AWARE!

The Cyclonic storm "MICHAUNG" (PRONOUNCED AS "MIGJAUM") over Southwest Bay of Bengal was located near latitude 13.2°N and longitude 81.2°E, at 0530hrs of 04 December and about 395 km northeast of Jaffna. The system is expected to intensify further and move northwestward away from Sri Lanka towards North Tamil Nadu coast of India. Thereafter, it would move northwards and cross South Andhra Pradesh coasts around December 05, 2023.



Naval and fishing communities are advised not to venture into the marked areas for the next 24 hours.



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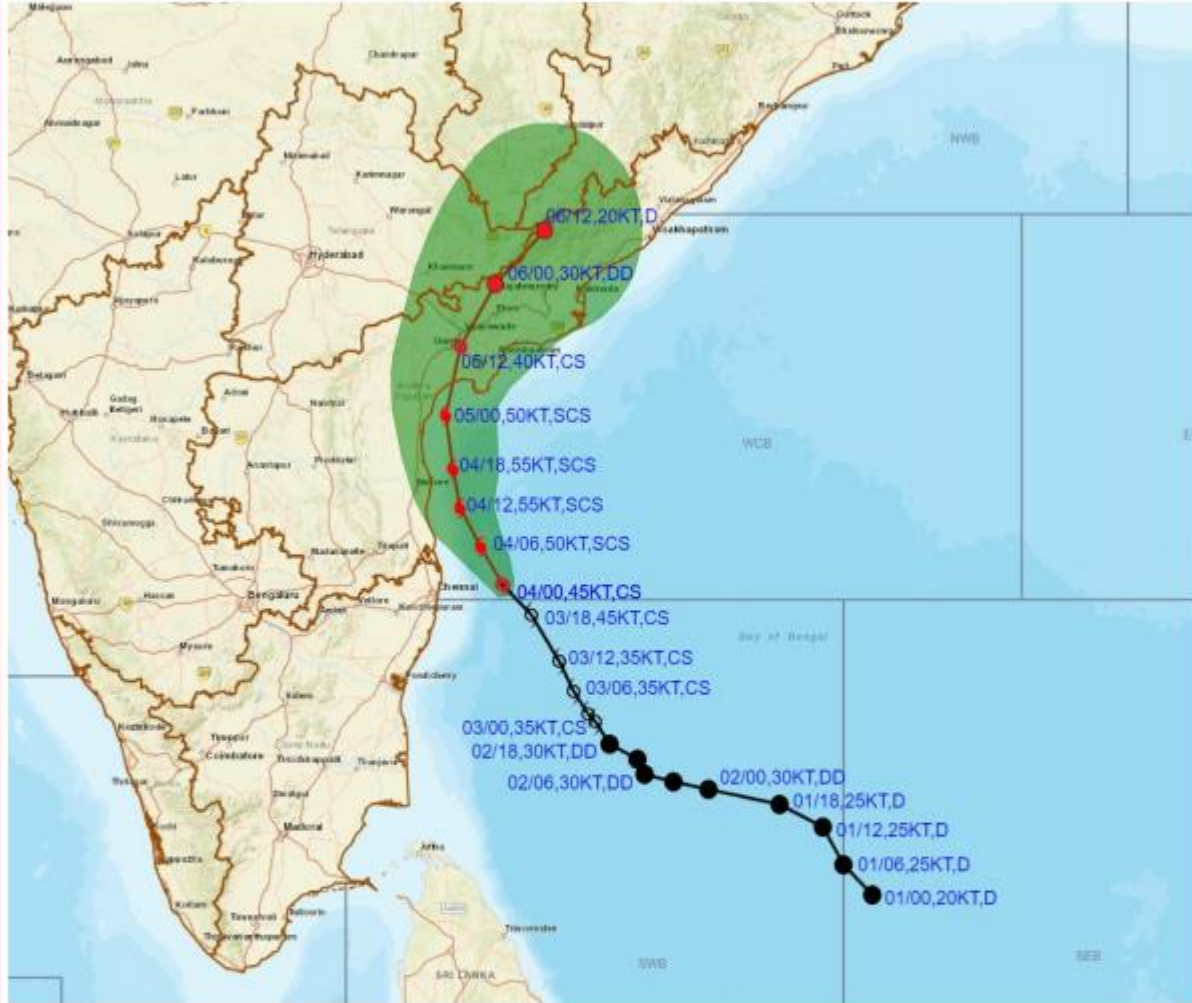
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Expected path of the cyclone (Source: RSMC India)



OBSERVED & FORECAST TRACK, MAXIMUM SUSTAINED WIND AND CONE OF UNCERTAINTY IN ASSOCIATION WITH CYCLONIC STORM "MICHAUNG" OVER WESTCENTRAL AND ADJOINING SOUTHWEST BAY OF BENGAL BASED ON 0000 UTC (0530 IST) OF 04TH DECEMBER 2023.



DATE/TIME IN UTC

IST=UTC + 0530

L: LOW PRESSURE AREA

WML: WELL MARKED LOW PRESSURE AREA

D: DEPRESSION (17-27 KT)

DD: DEEP DEPRESSION (28-33 KT)

CS: CYCLONIC STORM (34-47 KT)

SCS: SEVERE CYCLONIC STORM (48-63KT)

VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)

ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)

SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

● LESS THAN 34 KT

⊙ 34-47 KT

⊙ ≥ 48 KT

— OBSERVED TRACK

— FORECAST TRACK

▲ CONE OF UNCERTAINTY



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The forecast track and intensity of the system are given in the following table

| Date/Time (SLST) (Hrs) | Position (Lat. °N/ Long. °E) | Maximum wind speed (Kmph) | Category of cyclonic disturbance |
|------------------------|------------------------------|---------------------------------|----------------------------------|
| 04.12.23/1130 | 13.7/80.9 | 85-95 kmph gusting to 105 kmph | Severe Cyclonic Storm |
| 04.12.23/1730 | 14.2/80.6 | 90-100 kmph gusting to 110 kmph | Severe Cyclonic Storm |
| 04.12.23/2330 | 14.7/80.5 | 95-105 kmph gusting to 115 kmph | Severe Cyclonic Storm |
| 05.12.23/0530 | 15.4/80.4 | 90-100 kmph gusting to 110 kmph | Severe Cyclonic Storm |
| 05.12.23/1730 | 16.3/80.6 | 70-80 kmph gusting to 90 kmph | Cyclonic Storm |
| 06.12.23/0530 | 17.1/81.1 | 50-60 kmph gusting to 70 kmph | Deep Depression |
| 06.12.23/1730 | 17.8/81.8 | 35-45 kmph gusting to 55 kmph | Depression |

Actions Required:

- Naval and fishing communities are advised not to venture into the sea areas off the coast extending from Mannar to Trincomalee via Kankasanthurai and in to the marked areas for the next 24 hours.
- Those who are out at aforementioned sea regions are advised to return to coasts or moved safer areas immediately.
- Fishing and naval community are requested to be attentive to future forecasts issued by the Department of Meteorology in this regard.