



**India Meteorological Department  
(Ministry of Earth Sciences)**

**NATIONAL BULLETIN NO. 16 (BOB/05/2023)**

**TIME OF ISSUE: 0130 HOURS IST**

**DATED: 18.11.2023**

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**Sub: Cyclonic Storm “Midhili” (pronounced as “Midhili”) weakened into a Deep Depression over Tripura & adjoining Bangladesh**

The Cyclonic Storm “**Midhili**” (pronounced as “Midhili”) over Coastal Bangladesh moved north-northeastwards with a speed of 13 kmph during past 6 hours, weakened into a Deep Depression and lay centered at 2330 hours IST of 17th November over Tripura & adjoining Bangladesh near latitude 23.3°N and longitude 91.3°E, about 100 km northeast of Bhola (Bangladesh), 50 km north-northeast of Maijdicourt (Bangladesh), 60 km south-southeast of Agartala and 220 km southwest of Silchar.

It is likely to move north-northeastwards and weaken into a Depression over south Assam & adjoining Mizoram-Tripura during next 06 hours.

*Forecast track and intensity are given below:*

<b>Date/Time (IST)</b>	<b>Position (Lat. °N/ long. °E)</b>	<b>Maximum sustained surface wind speed (Kmph)</b>	<b>Category of cyclonic disturbance</b>
17.11.23/2330	23.3/91.3	55-65 kmph gusting to 75 kmph	Deep Depression
18.11.23/0530	24.3/92.4	40-50 kmph gusting to 60 kmph	Depression

## **Warnings:**

### **(i) Rainfall Warning (graphics enclosed):**

- Light to moderate rainfall at most places with isolated heavy rainfall is likely over Nagaland, Manipur and east Assam on 18<sup>th</sup> November.
- Light to moderate rainfall at many places with isolated heavy falls is likely Mizoram & Tripura till 18<sup>th</sup> November morning.

### **(ii) Wind warning (graphics enclosed):**

- **Northeast adjoining Northwest Bay of Bengal and along & off Bangladesh coast: Squally wind** speed reaching **55-65 kmph gusting to 75 kmph** is prevailing and would decrease gradually becoming **40-50 kmph gusting to 60 kmph** by morning of 18<sup>th</sup> November and would decrease thereafter.
- **Strong wind** speed reaching **35-45 kmph gusting to 55 kmph** is likely over Tripura, Mizoram, Manipur and south Assam till 18<sup>th</sup> November evening.

### **(iii) Sea Condition:**

- **Very rough** sea condition is prevailing over Northeast adjoining Northwest Bay of Bengal and along & off Bangladesh coast and is likely to become **rough** by morning of 18<sup>th</sup> November and improve thereafter.

### **(iv) Fishermen Warning:**

Fishermen are advised not to venture into

- Northeast adjoining Northwest Bay of Bengal and along & off Bangladesh during next 12 hours.

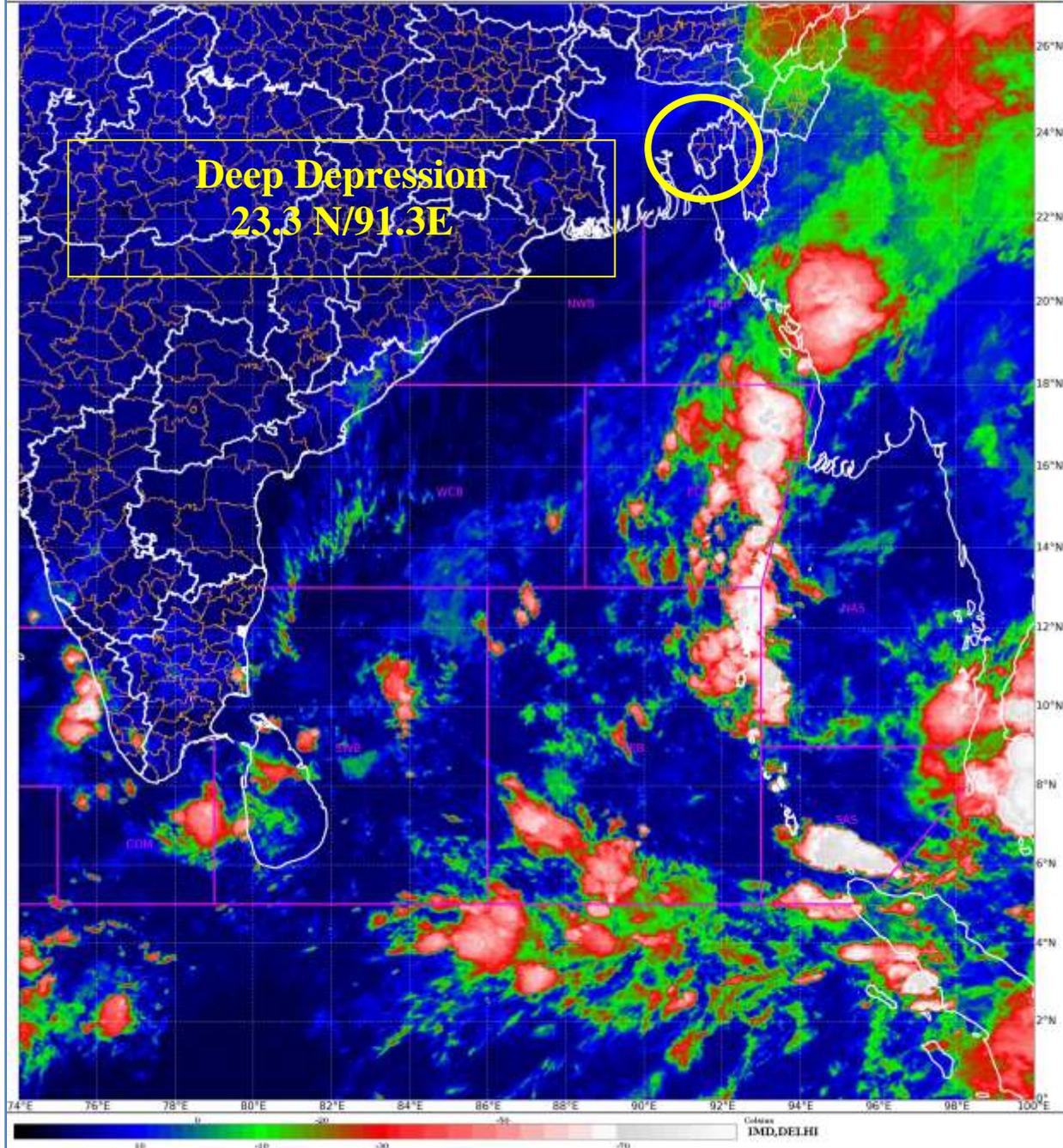
### **(v) Damage Expected & Action Suggested for Nagaland and east Assam during next 12 hours:**

- Damage to thatched huts and loose/unsecured structures..
- Minor damage to power and communication lines due to breaking of branches.
- Minor damage to Kutcha Roads.
- Some damage to paddy crops, banana, papaya & drumstick trees and orchards.
- Inundation in low lying areas.

**The system is under continuous surveillance and the next message will be issued at 0830 hours IST of today the 18<sup>th</sup> November, 2023.**

**(Shobhit Katiyar)**  
**Scientist D, Cyclone Warning, New Delhi**

*Copy to: ACWC Chennai/ ACWC Kolkata/CWC Bhubaneswar/CWC Vishakhapatnam/MC Amravati/ RMC Guwahati/MC Agartala/MC Mizoram/MC Manipur/MC Nagaland/MC Shillong*





**OBSERVED AND FORECAST TRACK AND INTENSITY ALONGWITH CONE OF UNCERTAINTY IN ASSOCIATION WITH DEEP DEPRESSION OVER TRIPURA AND ADJOINING BANGLADESH BASED ON 1800 UTC (2330 HRS IST) OF 17TH NOVEMBER 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 ( $\geq 120$  KT)

● LESS THAN 34 KT

⊖ 34-47 KT

⊕  $\geq 48$  KT

— OBSERVED TRACK

— FORECAST TRACK

▲ CONE OF UNCERTAINTY



**OBSERVED AND FORECAST TRACK AND INTENSITY ALONG WITH QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH DEEP DEPRESSION OVER TRIPURA AND ADJOINING BANGLADESH BASED ON 1800 UTC (2330 HRS IST) OF 17TH NOVEMBER 2023.**



DATE/TIME IN UTC

IST=UTC + 0530

L: LOW PRESSURE AREA

WML: WELL MARKED LOW PRESSURE AREA

DD: 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

AREA OF MAXIMUM SUSTAINED WIND SPEED:

■ 28-33 KT (52-61 KMPH)

■ 34-49 KT (62-91 KMPH)

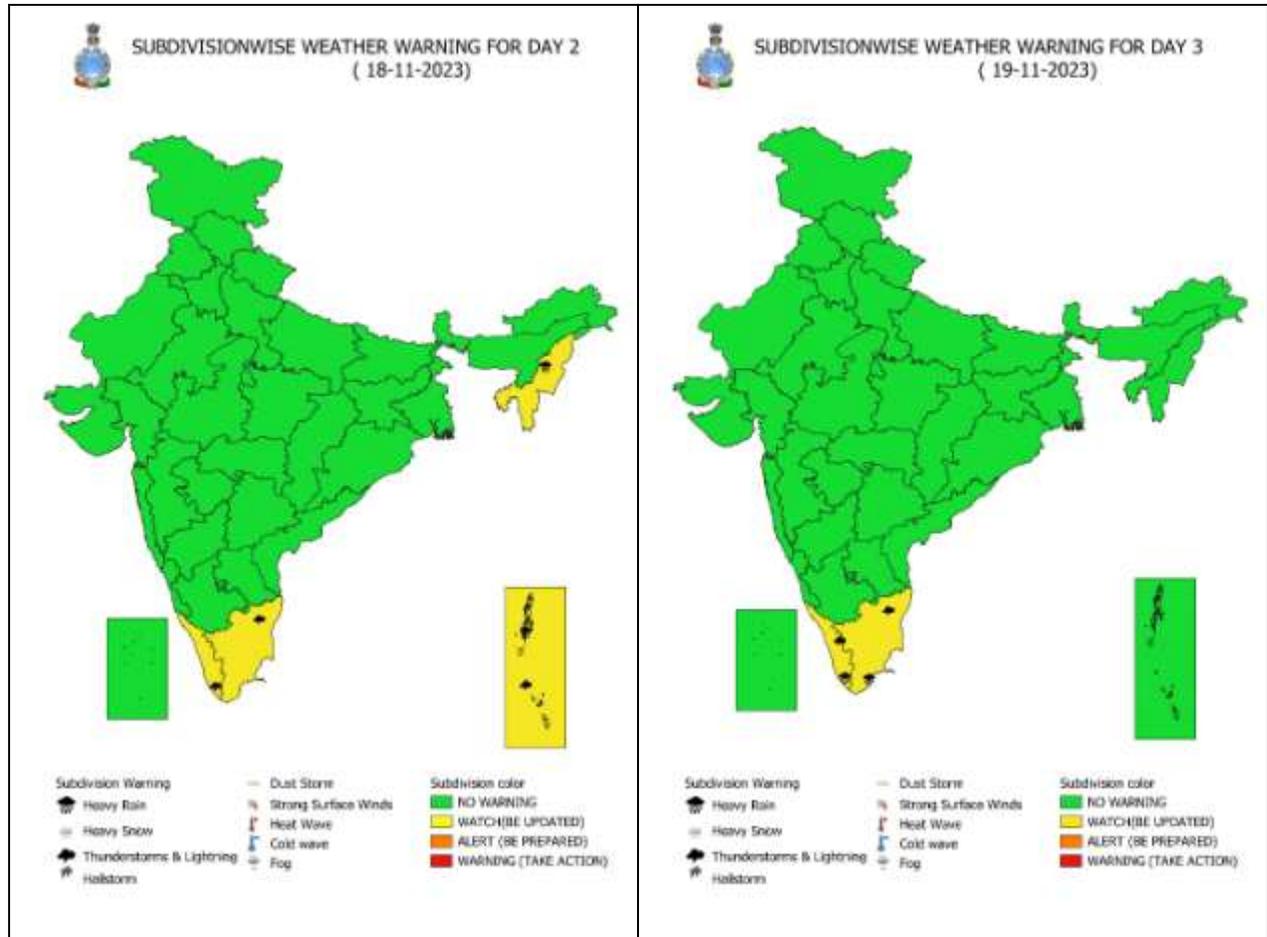
■ 50-63 KT (92-117 KMPH)

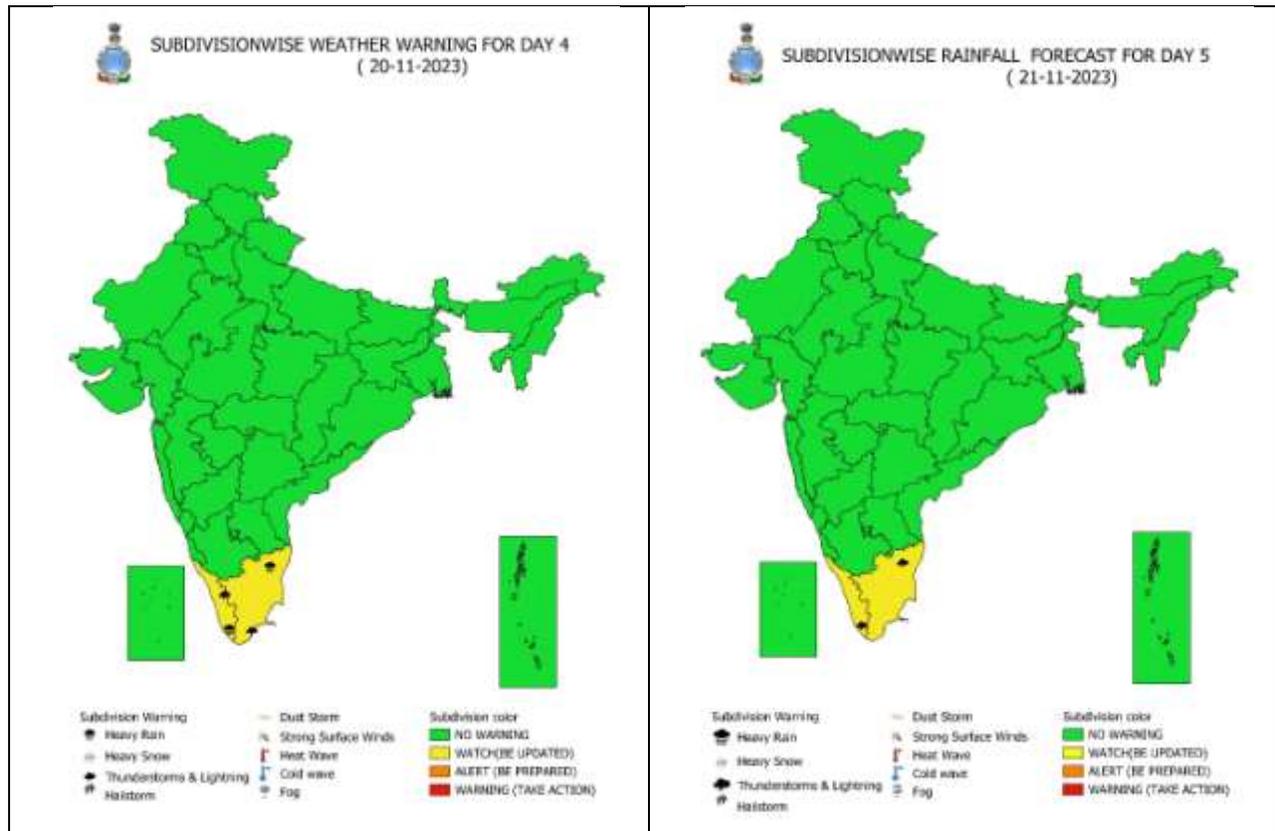
■ ≥ 64 KT (≥ 118 KMPH)

**IMPACT OVER THE SEA**

MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥ 118)	Phenomenal	Total suspension of fishing operations

# WEATHER WARNING GRAPHICS





- |                     |                   |                     |                     |
|---------------------|-------------------|---------------------|---------------------|
| <b>Heavy Rain</b>   | <b>Heavy Snow</b> | <b>Thunderstorm</b> | <b>Dust Storm</b>   |
| <b>Strong Winds</b> | <b>Visibility</b> | <b>Cyclone</b>      | <b>Squall/ Hail</b> |
| <b>Frost</b>        | <b>Cold Wave</b>  | <b>Heat Wave</b>    | <b>Sea State</b>    |

**WARNING**

<b>WARNING (TAKE ACTION)</b>
<b>ALERT ( BE PREPARED)</b>
<b>WATCH (BE UPDATED)</b>
<b>NO WARNING ( NO ACTION)</b>

## Fishermen warning graphics

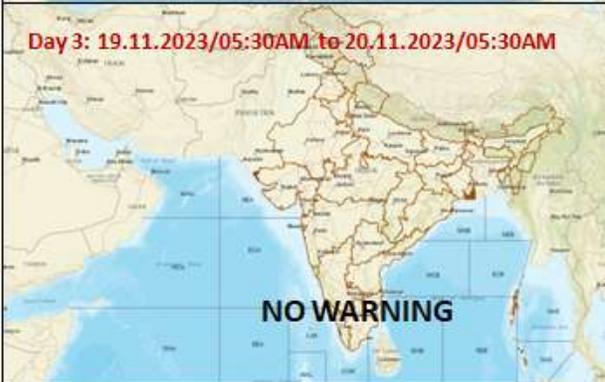
**Day 1: 17.11.2023/11:30AM to 18.11.2023/05:30AM**



**Day 2: 18.11.2023/05:30AM to 19.11.2023/05:30AM**



**Day 3: 19.11.2023/05:30AM to 20.11.2023/05:30AM**



**Day 4: 20.11.2023/05:30AM to 21.11.2023/05:30AM**



**Day 5: 21.11.2023/05:30AM to 22.11.2023/05:30AM**



Squally WX with wind speed 40-45 kmph gusting to 55 kmph

Squally WX with wind speed 45-55 kmph gusting to 65 kmph

Squally wind with speed 50-60 kmph gusting to 70 kmph

CS with Gale wind speed 60-90 kmph gusting to 110 kmph

**Fishermen are advised not to venture into the marked areas.**