**REGIONAL SPECIALISED METEOROLOGICAL CENTRE-TROPICAL CYCLONES, NEW DELHI**
**TROPICAL CYCLONE ADVISORY NO. 07**

**DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 17.11.2023**

**FROM: RSMC –TROPICAL CYCLONES, NEW DELHI**

**TO: STORM WARNING CENTRE, DHAKA (BANGLADESH)**
 **STORM WARNING CENTRE, NAYPYI TAW (MYANMAR)**
 **STORM WARNING CENTRE, BANGKOK (THAILAND)**
 **STORM WARNING CENTRE, COLOMBO (SRILANKA)**
 **STORM WARNING CENTRE, KARACHI (PAKISTAN)**
 **METEOROLOGICAL OFFICE, MALE (MALDIVES)**
 **OMAN METEOROLOGICAL DEPARTMENT, MUSCAT (THROUGH RTH JEDDAH)**
 **YEMEN METEOROLOGICAL SERVICES, REPUBLIC OF YEMEN (THROUGH RTH JEDDAH)**
 **NATIONAL CENTRE FOR METEOROLOGY, UAE (THROUGH  RTH JEDDAH)**
 **PRESIDENCY OF METEOROLOGY AND ENVIRONMENT, SAUDI ARABIA (THROUGH  RTH JEDDAH)**
 **IRAN METEOROLOGICAL ORGANISATION, (THROUGH  RTH JEDDAH)**
 **QATAR METEOROLOGICAL DEPARTMENT (THROUGH  RTH JEDDAH)**

**TROPICAL CYCLONE ADVISORY NO. 7  FOR NORTH INDIAN OCEAN (THE BAY OF BENGAL AND ARABIAN SEA) VALID FOR NEXT 120 HOURS ISSUED AT 2030 UTC OF 17.11.2023 BASED ON 1800 UTC OF 17.11.2023**

**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 1800 UTC OF 17TH NOVEMBER OVER TRIPURA & ADJOINING BANGLADESH NEAR LATITUDE 23.3°N AND LONGITUDE 91.3°E, ABOUT 100 KM NORTHEAST OF BHOLA (41951, BANGLADESH), 50 KM NORTH-NORTHEAST OF MAIJDICOURT (41953, BANGLADESH), 60 KM SOUTH-SOUTHEAST OF AGARTALA (42724) AND 220 KM SOUTHWEST OF SILCHAR (42619).

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:

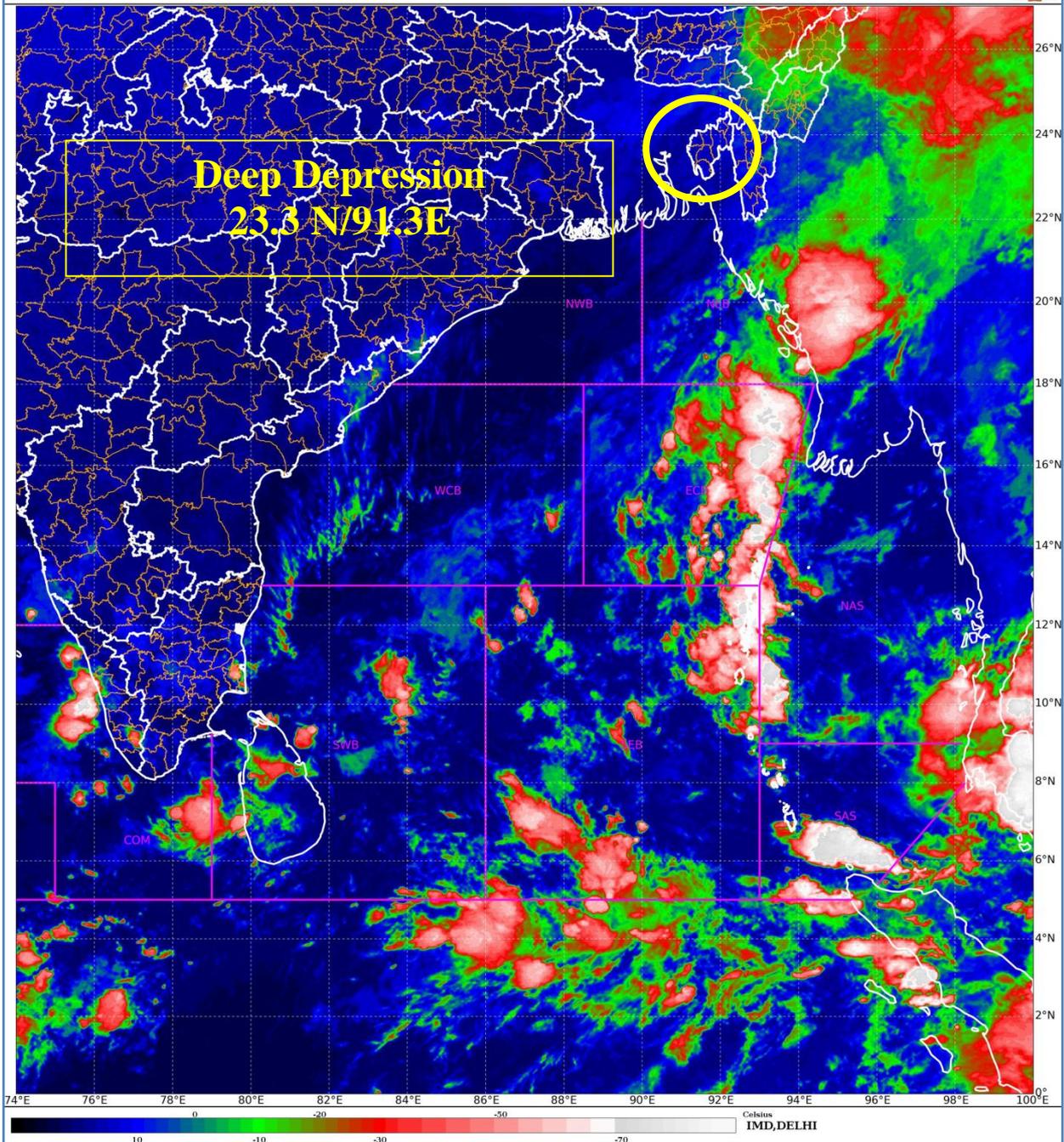| DATE/TIME (UTC) | POSITION (LAT. ⁰N/ LONG. ⁰E) | MAXIMUM SUSTAINED SURFACE WIND SPEED (KMPH) | CATEGORY OF CYCLONIC DISTURBANCE |
|---|---|---|---|
| 17.11.23/1800 | 23.3/91.3 | 55-65 KMPH GUSTING TO 75 KMPH | DEEP DEPRESSION |
| 18.11.23/0000 | 24.3/92.4 | 40-50 KMPH GUSTING TO 60 KMPH | DEPRESSION |

THE ASSOCIATED MAXIMUM SUSTAINED WIND SPEED IS 30 KNOTS GUSTING TO 40 KNOTS. THE WINDS ARE RELATIVELY STRONGER IN NORTHEAST SECTOR. THE ESTIMATED CENTRAL PRESSURE IS 1010 HPA. VERY ROUGH SEA CONDITIONS ARE PREVAILING OVER NORTHEAST & ADJOINING NORTHWEST BAY OF BENGAL AND ALONG & OFF BANGLADESH

COAST AND ROUGH SEA CONDITIONS ALONG & OFF ADJOINING MYANMAR COAST AND SEA CONDITION WOULD GRADUALLY IMPROVE BECOMING ROUGH OVER NORTHEAST & ADJOINING NORTHWEST BAY OF BENGAL AND ALONG & OFF BANGLADESH COAST BY 0000 UTC OF 18$^{TH}$ NOVEMBER AND FURTHER IMPROVE THEREAFTER.

ASSOCIATED BROKEN LOW & MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LAY OVER NAGALAND, MANIPUR, AND WEAK TO MODERATE CONVECTION OVER EAST MEGHALAYA AND ASSAM.

<div align="right">

(SHOBHIT KATIYAR)
SCIENTIST-D
RSMC NEW DELHI

</div>

**Deep Depression
23.3 N/91.3E**

26°N

24°N

22°N

NWB          NEB          20°N

18°N

WCB          EC          16°N

14°N

NAS          12°N

10°N

EB          8°N

SWB          SAS          6°N

COM          4°N

2°N

0°

74°E  76°E  78°E  80°E  82°E  84°E  86°E  88°E  90°E  92°E  94°E  96°E  98°E  100°E

0          -20          -50

10          -10          -30          -70

Celsius
IMD,DELHI

**Cloud distribution: (a) Isolated: <25%, Scattered:25-50%, Broken: 51-75%, Solid:>75%, Convection Intensity: (a) Weak: Cloud Top Temperature (CTT) >-25°C, (b) Moderate: CTT: - 25°C to -40°C, (c) Intense: CTT: - 41°C to -70°C and (d) Very Intense: : Less than -70°C PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION):NIL: 0%, LOW: 1-33%, , MODERATE: 34-66% AND HIGH: 67-100% This is a guidance Bulletin for WMO/ESCAP Panel Member countries. Visit respective National websites for Country specific Bulletins**

**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.**

18/00,20KT,D
17/15,35KT,CS
17/18,30KT,DD
17/12,35KT,CS
17/09,40KT,CS
17/06,40KT,CS
17/03,35KT,CS
17/00,40KT,CS
16/18,30KT,DD
16/12,30KT,DD
16/06,30KT,DD
16/03,30KT,DD
16/00,30KT,DD
15/18,25KT,D
15/12,25KT,D
15/06,25KT,D
15/03,20KT,D
14/03,10KT,LPA

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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LESS THAN 34 KT
34-47 KT
≥ 48 KT
OBSERVED TRACK
FORECAST TRACK
CONE OF UNCERTAINTY
AREA OF MAXIMUM SUSTAINED WIND SPEED:
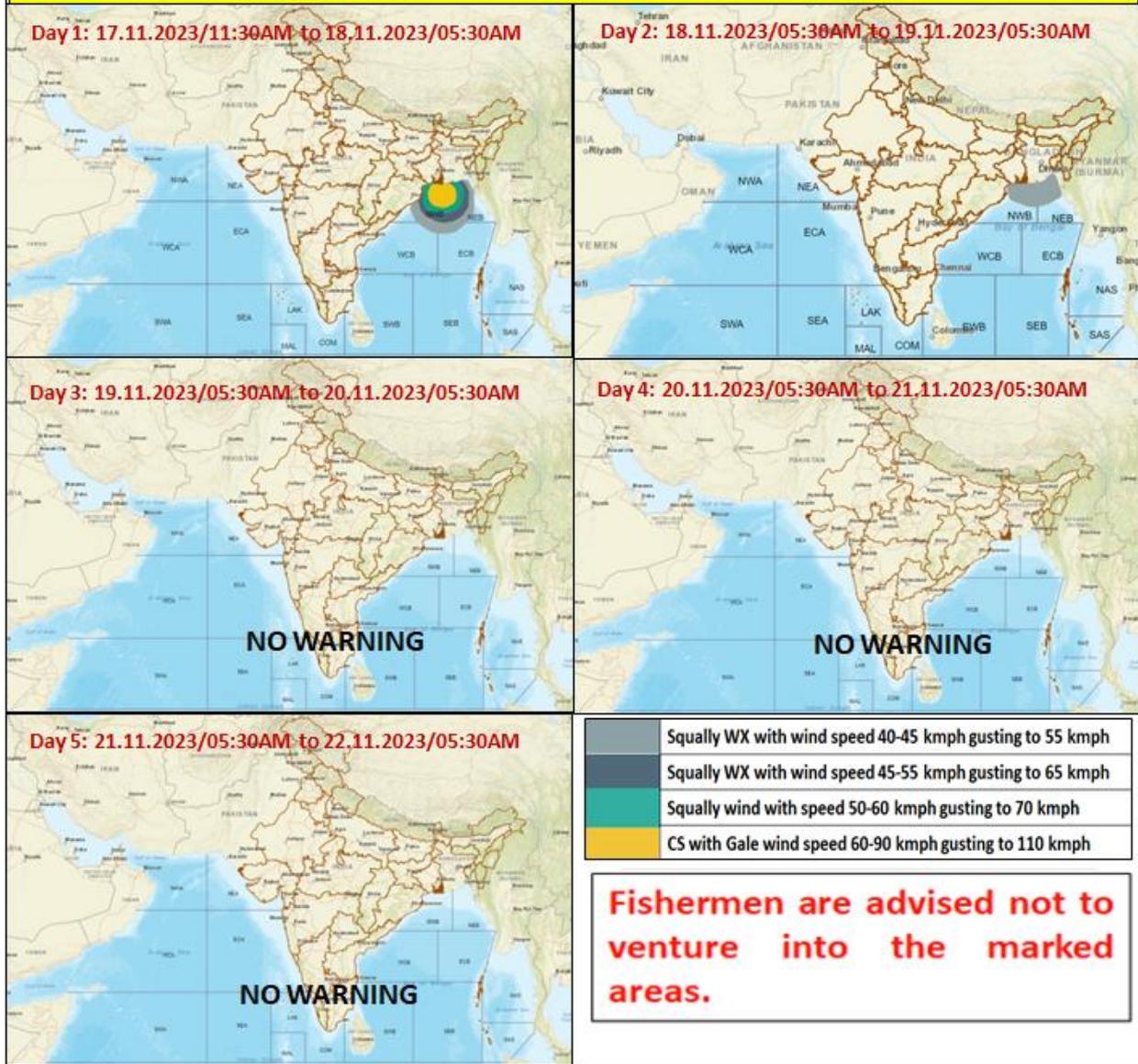28-33 KT (52-61 KMPH)
34-49 KT (62-91 KMPH)
50-63 KT (92-117 KMPH)
≥ 64 KT (≥118 KMPH)

### 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 |

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# 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**

NO WARNING

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

NO WARNING

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

NO WARNING

| | |
|---|---|
| (grey) | Squally WX with wind speed 40-45 kmph gusting to 55 kmph |
| (dark grey) | Squally WX with wind speed 45-55 kmph gusting to 65 kmph |
| (green) | Squally wind with speed 50-60 kmph gusting to 70 kmph |
| (yellow) | CS with Gale wind speed 60-90 kmph gusting to 110 kmph |

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

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