



**REGIONAL SPECIALISED METEOROLOGICAL CENTRE-TROPICAL CYCLONES, NEW DELHI**  
**TROPICAL CYCLONE ADVISORY NO. 06**

**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. 6 FOR NORTH INDIAN OCEAN (THE BAY OF BENGAL AND ARABIAN SEA) VALID FOR NEXT 120 HOURS ISSUED AT 1730 UTC OF 17.11.2023 BASED ON 1500 UTC OF 17.11.2023**

**SUB: CYCLONIC STORM “MIDHILI” (PRONOUNCED AS “MIDHILI”) OVER COASTAL BANGLADESH**

THE CYCLONIC STORM “MIDHILI” (PRONOUNCED AS “MIDHILI”) OVER COASTAL BANGLADESH MOVED NORTH-NORTHEASTWARDS WITH A SPEED OF 32 KMPH DURING PAST 6 HOURS AND LAY CENTERED AT 1500 UTC OF 17TH NOVEMBER OVER COASTAL BANGLADESH NEAR LATITUDE 23.2°N AND LONGITUDE 91.1°E ABOUT 80 KM NORTHEAST OF BHOLA (41951, BANGLADESH), 30 KM NORTH OF MAIJDICOURT (41953, BANGLADESH), 70 KM SOUTH-SOUTHWEST OF AGARTALA (42724) AND 240 KM SOUTHWEST OF SILCHAR (42619).

IT IS LIKELY TO MOVE NORTH-NORTHEASTWARDS AND WEAKEN INTO A DEEP DEPRESSION OVER TRIPURA AND ADJOINING BANGLADESH DURING NEXT 03 HOURS AND INTO A DEPRESSION OVER SOUTH ASSAM & ADJOINING MIZORAM-TRIPURA DURING SUBSEQUENT 06 HOURS.

FORECAST TRACK AND INTENSITY ARE GIVEN BELOW:

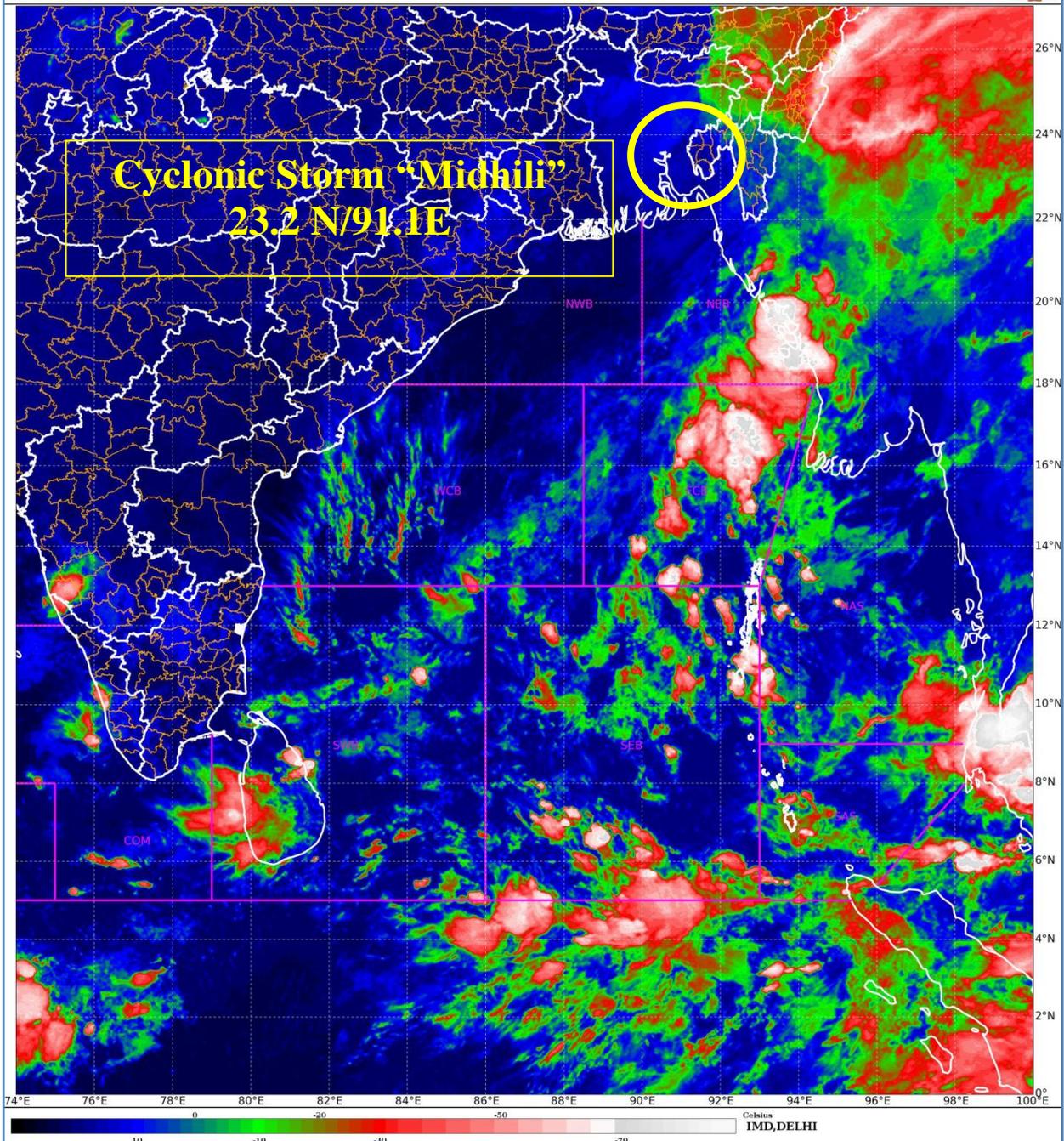
DATE/TIME (IST)	POSITION (LAT. °N/ LONG. °E)	MAXIMUM SUSTAINED SURFACE WIND SPEED (KMPH)	CATEGORY OF CYCLONIC DISTURBANCE
17.11.23/1500	23.2/91.1	60-70 KMPH GUSTING TO 80 KMPH	CYCLONIC STORM
17.11.23/1800	23.7/91.5	55-65 KMPH GUSTING TO 75 KMPH	DEEP DEPRESSION
18.11.23/0000	24.7/92.4	40-50 KMPH GUSTING TO 60 KMPH	DEPRESSION

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%  
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THE ASSOCIATED MAXIMUM SUSTAINED WIND SPEED IS 35 KNOTS GUSTING TO 45 KNOTS. THE WINDS ARE RELATIVELY STRONGER IN NORTHEAST SECTOR. THE ESTIMATED CENTRAL PRESSURE IS 1006 HPA. HIGH TO VERY ROUGH SEA CONDITION WOULD PREVAIL OVER NORTHEAST & ADJOINING NORTHWEST BAY OF BENGAL AND ALONG & OFF BANGLADESH COAST AND ROUGH TO VERY ROUGH SEA CONDITIONS ALONG & OFF ADJOINING MYANMAR COAST TILL 1800 UTC OF 17<sup>TH</sup> NOVEMBER. SEA CONDITION WOULD IMPROVE THEREAFTER BECOMING MODERATE TO ROUGH BY FORENOON OF 18<sup>TH</sup>. VERY ROUGH TO ROUGH SEA CONDITION IS LIKELY OVER ALONG & OFF WEST BENGAL TILL 17<sup>TH</sup> NOVEMBER MIDNIGHT.

CLOUDS ASSOCIATED WITH THE CYCLONIC STORM ARE ORGANISED IN SHEAR PATTERN. BROKEN LOW & MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LAY OVER NAGALAND, MANIPUR, AND WEAK CONVECTION OVER EAST MEGHALAYA AND ASSAM.

(SHOBHIT KATIYAR)  
SCIENTIST-D  
RSMC NEW DELHI



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**OBSERVED AND FORECAST TRACK AND INTENSITY ALONGWITH CONE OF UNCERTAINTY IN ASSOCIATION WITH CYCLONIC STORM MIDHILI OVER COASTAL BANGLADESH BASED ON 1500 UTC (2030 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 CYCLONIC STORM MIDHILI OVER COASTAL BANGLADESH BASED ON 1500 UTC (2030 HRS IST) OF 17TH NOVEMBER 2023.**



DATE/TIME IN UTC  
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WML: WELL MARKED LOW PRESSURE AREA  
D: DEPRESSION (17-27 KT)  
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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)

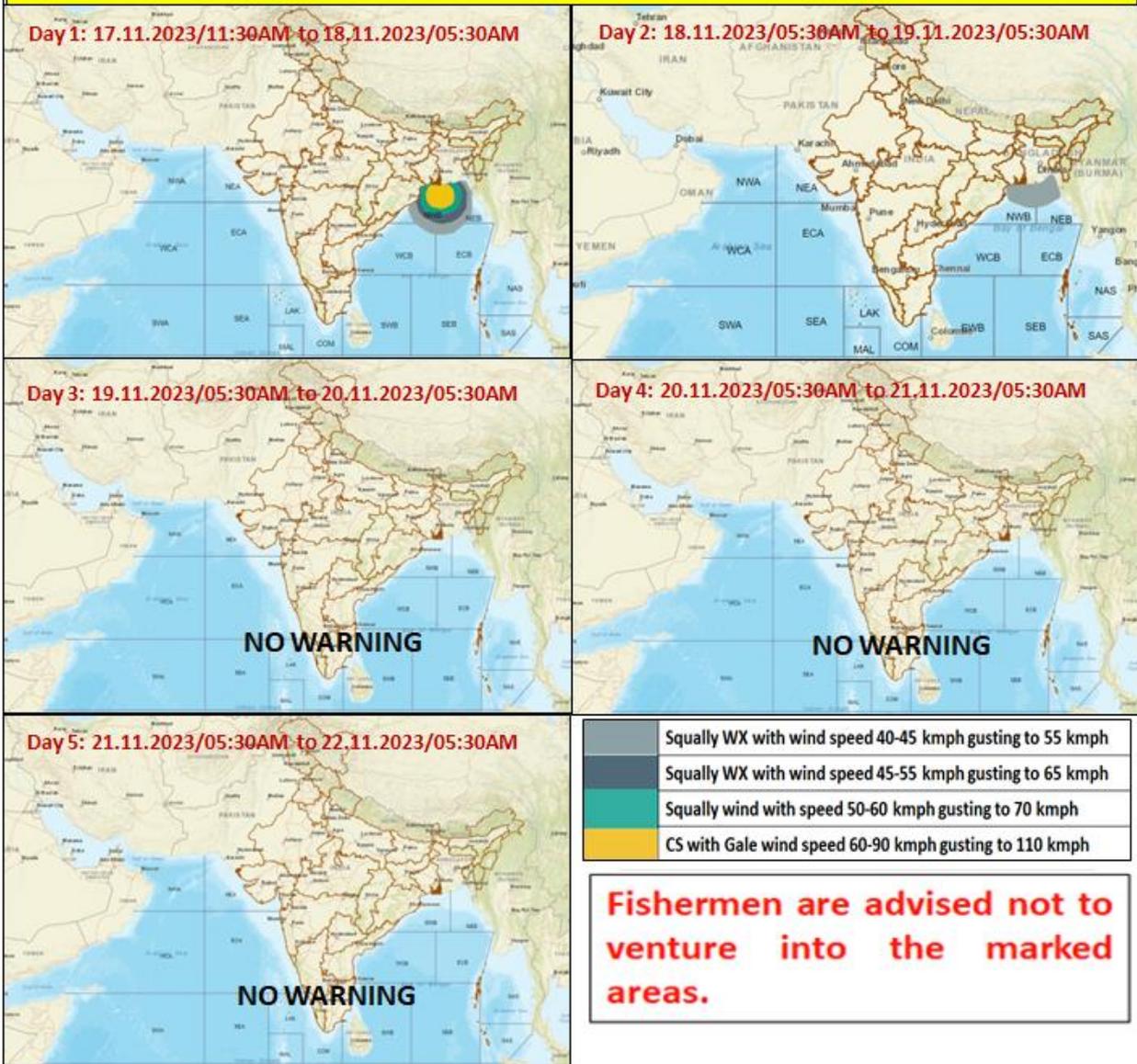
● LESS THAN 34 KT  
○ 34-47 KT  
● ≥ 48 KT  
— OBSERVED TRACK  
— FORECAST TRACK  
CONE OF UNCERTAINTY  
AREA OF MAXIMUM SUSTAINED WIND SPEED:  
28-33 KT (52-61 KMPH)  
34-49 KT (62-91 KMPH)  
50-63 KT (92-117 KMPH)  
≥ 64 KT (≥118 KMPH)

**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

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## Fishermen warning graphics



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