



**REGIONAL SPECIALISED METEOROLOGICAL CENTRE-TROPICAL CYCLONES, NEW DELHI
SPECIAL TROPICAL WEATHER OUTLOOK**

DEMS-RSMC SPECIAL TROPICAL CYCLONES NEW DELHI DATED 25.10.2022

SPECIAL TROPICAL WEATHER OUTLOOK FOR NORTH INDIAN OCEAN (THE BAY OF BENGAL AND ARABIAN SEA) VALID FOR NEXT 120 HOURS ISSUED AT 0230 UTC OF 25.10.2022 BASED ON 0000 UTC OF 25.10.2022.

SUB: DEEP DEPRESSION OVER BANGLADESH (REMNANT OF CYCLONIC STORM "SITRANG", PRONOUNCED AS "SI-TRANG") WEAKENED INTO A DEPRESSION OVER NORTHEAST BANGLADESH AND NEIGHBOURHOOD.

THE DEEP DEPRESSION OVER BANGLADESH (REMNANT OF CYCLONIC STORM "SITRANG", PRONOUNCED AS "SI-TRANG") MOVED NORTH-NORTHEASTWARD WITH A SPEED OF 20 KMPH DURING PAST 6 HOURS AND FURTHER WEAKENED INTO A DEPRESSION AND LAY CENTERED AT 0000 UTC OF 25TH OCTOBER OVER NORTHEAST BANGLADESH AND NEIGHBORHOOD NEAR LATITUDE 24.7⁰N AND LONGITUDE 91.5⁰E, ABOUT 150 KM NORTHEAST OF DHAKA (41923), 90 KM NORTH-NORTHEAST OF AGARTALA (42724), AND 100 KM SOUTH-SOUTHWEST OF SHILLONG(42516).

IT IS VERY LIKELY TO CONTINUE TO MOVE NORTH-NORTHEASTWARDS AND WEAKEN INTO A WELL MARKED LOW PRESSURE AREA DURING NEXT 6 HOURS.

INSAT 3D SHOWS CLOUDS OVER NORTH BANGLADESH AND NORTHEASTERN STATES OF INDIA. ASSOCIATED BROKEN LOW/MEDIUM CLOUD WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION OVER ASSAM, ARUNACHAL PRADESH, NAGALAND, MANIPUR, MEGHALAYA, AND BANGLADESH. MINIMUM CLOUD TOP TEMPERATURE IS MINUS 81 DEGREE CELSIUS.

SCATTERED TO BROKEN LOW/MEDIUM CLOUDS WITH EMBEDDED ISOLATED WEAK TO MODERATE CONVECTION OVER SIKKIM, SUB-HIMALAYAN WEST BENGAL.

NEXT BULLETIN WILL BE ISSUED AT 0300 UTC OF 25TH OCTOBER 2022.

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OBSERVED AND FORECAST TRACK OF DEPRESSION OVER NORTHEAST BANGLADESH & NEIGHBOURHOOD (REMANENT OF CYCLONIC STORM "SITRANG") BASED ON 0000 UTC OF 25th OCTOBER, 2022



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)

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

SuCS: SUPER CYCLONIC STORM (≥20 KT)

LESS THAN 34 KT

34-47 KT

≥ 48 KT

OBSERVED TRACK

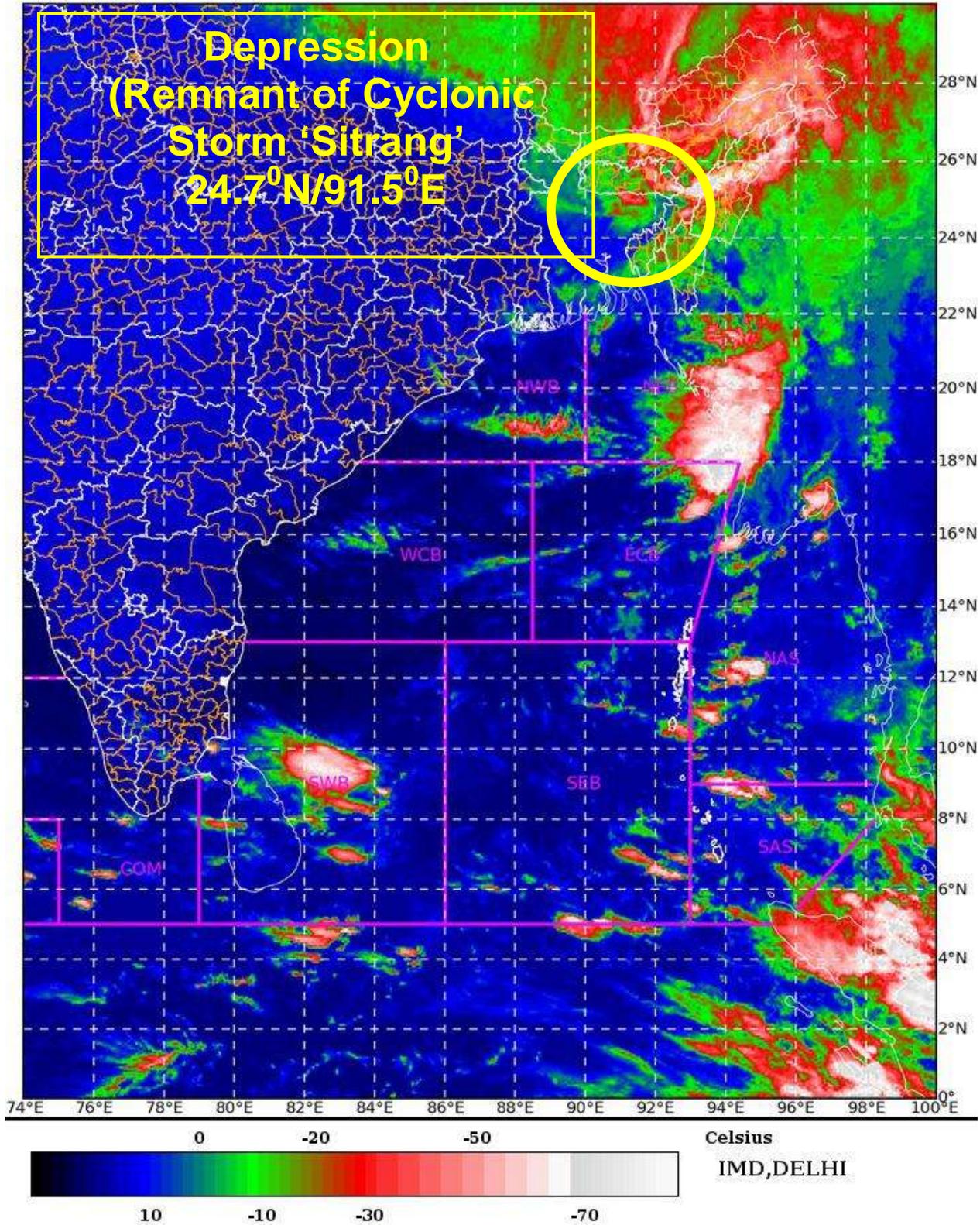
FORECAST TRACK

CONE OF UNCERTAINTY

SAT : INSAT-3D IMG 25-10-2022/(0100 to 0126) GMT

IMG_TIR1_TEMP 10.8 um 25-10-2022/(0630 to 0656) IST

L1C Mercator



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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