



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

**DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 02.10.2023**

**TROPICAL WEATHER OUTLOOK FOR NORTH INDIAN OCEAN (THE BAY OF BENGAL AND THE ARABIAN SEA) VALID FOR NEXT 168 HOURS ISSUED AT 0600 UTC OF 02.10.2023 BASED ON 0300 UTC OF 02.10.2023.**

**BAY OF BENGAL:**

YESTERDAY'S WELL MARKED LOW PRESSURE AREA OVER WESTERN PARTS OF GANGETIC BENGAL AND ADJOINING JHARKHAND MOVED FURTHER NORTHWESTWARDS AND LAY AS A LOW PRESSURE AREA OVER SOUTHWEST JHARKHAND & ADJOINING NORTH CHHATTISGARH AT 0300 UTC OF TODAY THE 02ND OCTOBER 2023.

ASSOCIATED SCATTERED LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LAY OVER WEST JHARKHAND ADJOINING SOUTHWEST BIHAR EXTREME NORTH CHHATTISGARH ADJOINING SOUTHEAST UTTAR PRADESH. (THE MINIMUM CLOUD TOP TEMPERATURE IS MINUS 72 DEG CEL.

SCATTERED LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LAY OVER NORTH & CENTRAL BAY OF BENGAL, GULF OF MARTABAN AND MODERATE TO INTENSE CONVECTION LAY OVER REST OF THE BAY OF BENGAL, ANDAMAN SEA AND ARAKAN COAST.

**PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION) DURING NEXT 168 HRS:**

24 HOURS	24-48 HOURS	48-72 HOURS	72-96 HOURS	96-120 HOURS	120-144 HOURS	144-168 HOURS
NIL	NIL	NIL	NIL	NIL	NIL	NIL

**ARABIAN SEA:**

THE WELL MARKED LOW PRESSURE AREA OVER SOUTH MADHYA MAHARASHTRA & NEIGHBOURHOOD WEAKENED INTO A LOW PRESSURE AREA OVER THE SAME REGION AT 0000 UTC AND BECAME LESS MARKED AT 0300 UTC OF TODAY, THE 2<sup>ND</sup> OCTOBER 2023.

ASSOCIATED SCATTERED LOW AND MEDIUM CLOUDS WITH EMBEDDED MODERATE TO INTENSE CONVECTION LAY OVER KONKAN, MADHYA MAHARASHTRA MARATHWADA. THE MINIMUM CLOUD TOP TEMPERATURE IS MINUS 54 DEG CEL.

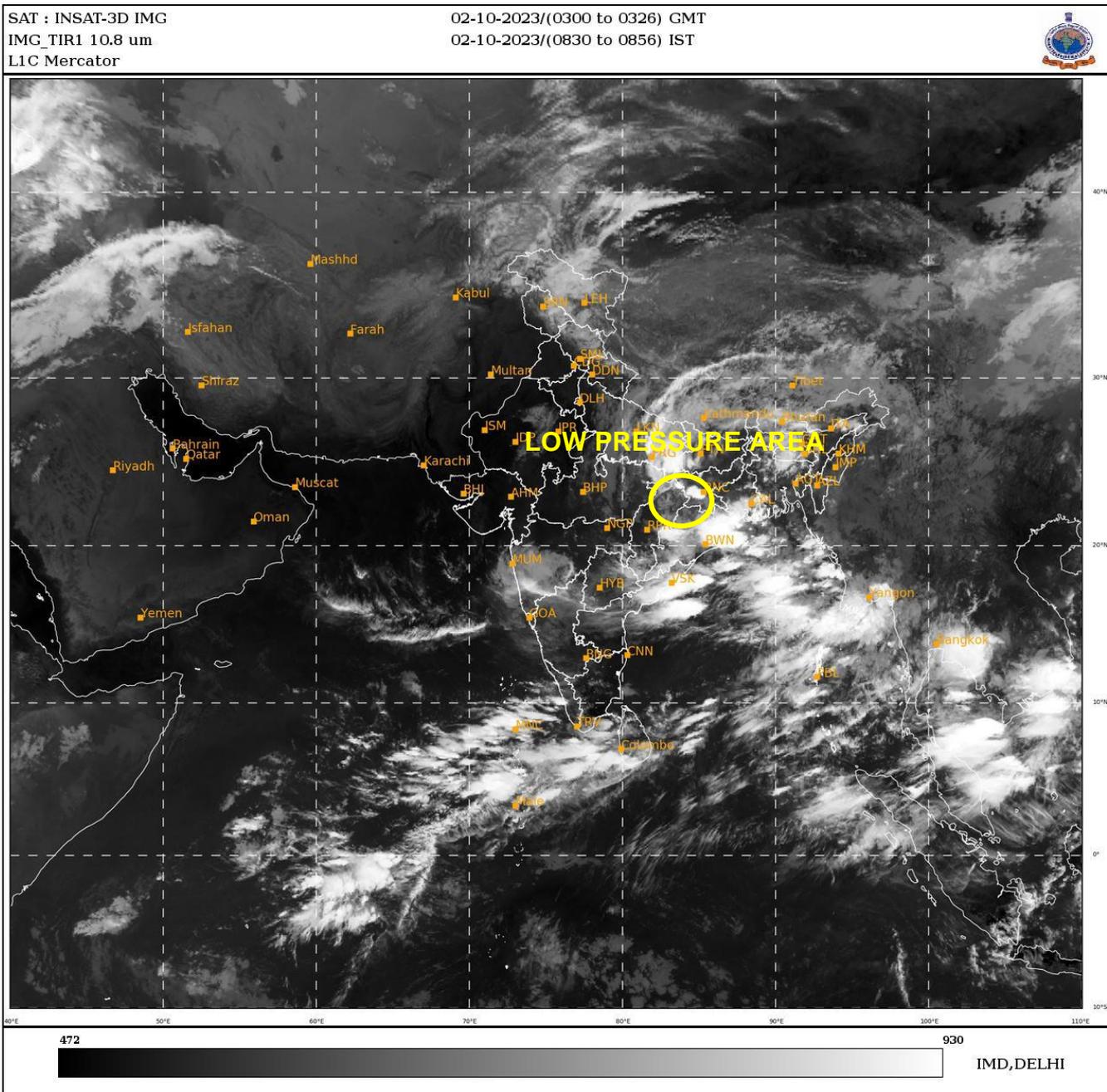
SCATTERED LOW AND MEDIUM CLOUDS WITH EMBEDDED ISOLATED MODERATE TO INTENSE CONVECTION LAY OVER EASTCENTRAL & SOUTH ARABIAN SEA AND COMORIN AREA.

**PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION) DURING NEXT 168 HRS:**

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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NIL	NIL	NIL	NIL	NIL	NIL	NIL

Remarks: NIL



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