



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

**DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 13.11.2023**

**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 13.11.2023 BASED ON 0300 UTC OF 13.11.2023.**

### **BAY OF BENGAL:**

YESTERDAY'S UPPER AIR CYCLONIC CIRCULATION OVER SOUTH ANDAMAN SEA EXTENDING UPTO MIDDLE TROPOSPHERIC LEVELS TILTING SOUTHWESTWARDS WITH HEIGHT PERSISTS AT 0300 UTC OF TODAY, THE 13<sup>TH</sup> NOVEMBER 2023. UNDER ITS INFLUENCE, A LOW PRESSURE AREA IS LIKELY TO FORM OVER SOUTHEAST BAY OF BENGAL DURING NEXT 24 HOURS. IT IS LIKELY TO MOVE WEST-NORTHWESTWARDS AND INTENSIFY INTO A DEPRESSION OVER WESTCENTRAL BAY OF BENGAL AROUND 16<sup>TH</sup> NOVEMBER, 2023.

ANOTHER UPPER AIR CYCLONIC CIRCULATION LAY OVER SOUTHWEST BAY OF BENGAL AND NOW EXTENDS UPTO MIDDLE TROPOSPHERIC LEVELS AT 0300 UTC OF TODAY, THE 13<sup>TH</sup> NOVEMBER 2023.

SCATTERED TO BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LAY OVER SOUTH & CENTRAL BAY OF BENGAL, ANDAMAN SEA AND TENASSERIM 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	LOW	MODERATE	HIGH	-	-

### **ARABIAN SEA:**

YESTERDAY'S UPPER AIR CYCLONIC CIRCULATION OVER SOUTHWEST & ADJOINING WESTCENTRAL ARABIAN SEA EXTENDING UPTO 1.5 KM ABOVE MEAN SEA LEVEL HAS BECOME LESS MARKED AT 0300 UTC OF TODAY, THE 13<sup>TH</sup> NOVEMBER 2023.

SCATTERED LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LAY OVER SOUTHWEST ARABIAN SEA. SCATTERED LOW AND MEDIUM CLOUDS WITH EMBEDDED MODERATE TO INTENSE CONVECTION LAY OVER CENTRAL & SOUTHEAST ARABIAN SEA AND COMORIN AREA AND WEAK TO MODERATE CONVECTION LAY OVER NORTH ARABIAN SEA.

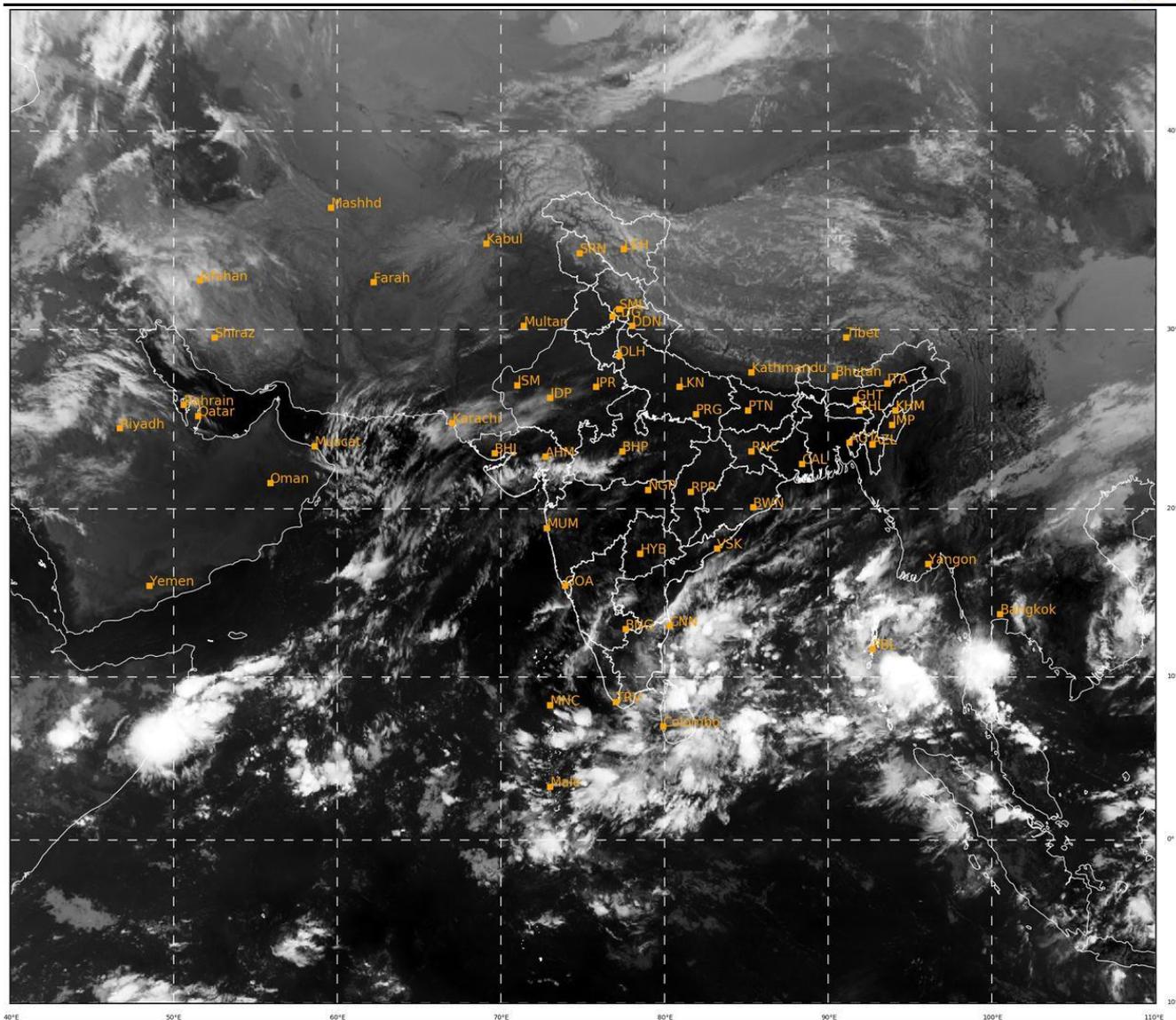
### **PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION) DURING NEXT 168 HRS:**

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

Remarks: NIL

SAT : INSAT-3D IMG  
IMG\_TIR1 10.8 um  
LIC Mercator

13-11-2023/(0330 to 0357) GMT  
13-11-2023/(0900 to 0927) IST



514

936

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%  
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