



WORLD  
METEOROLOGICAL  
ORGANIZATION

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

**DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 19.01.2024**

**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 19.01.2024 BASED ON 0300 UTC OF 19.01.2024.**

### **BAY OF BENGAL:**

SCATTERED LOW AND MEDIUM CLOUDS WITH EMBEDDED ISOLATED MODERATE TO INTENSE CONVECTION LAY OVER SOUTH ANDAMAN SEA AND ISOLATED WEAK TO MODERATE CONVECTION LAY OVER SOUTH BAY OF BENGAL. SCATTERED LOW AND MEDIUM CLOUDS LAY OVER SOUTHEAST BAY OF BENGAL.

#### **\*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

**\*NOTE: EVERY 24HR FORECAST IS VALID UPTO 0300 UTC (0830 IST) OF NEXT DAY**

### **ARABIAN SEA:**

YESTERDAY'S CYCLONIC CIRCULATION OVER SOUTHEAST ARABIAN SEA & ADJOINING EQUATORIAL INDIAN OCEAN PERSISTED AT 1.5 KM ABOVE MEAN SEA LEVEL AT 0300 UTC OF TODAY, 19<sup>TH</sup> JANUARY 2024.

SCATTERED LOW AND MEDIUM CLOUDS WITH EMBEDDED ISOLATED MODERATE TO INTENSE CONVECTION LAY OVER COMORIN, SOUTHEAST ARABIAN SEA & LAKSHADWEEP ISLAND AREA. SCATTERED LOW AND MEDIUM CLOUDS LAY OVER SOUTH AND CENTRAL ARABIAN SEA.

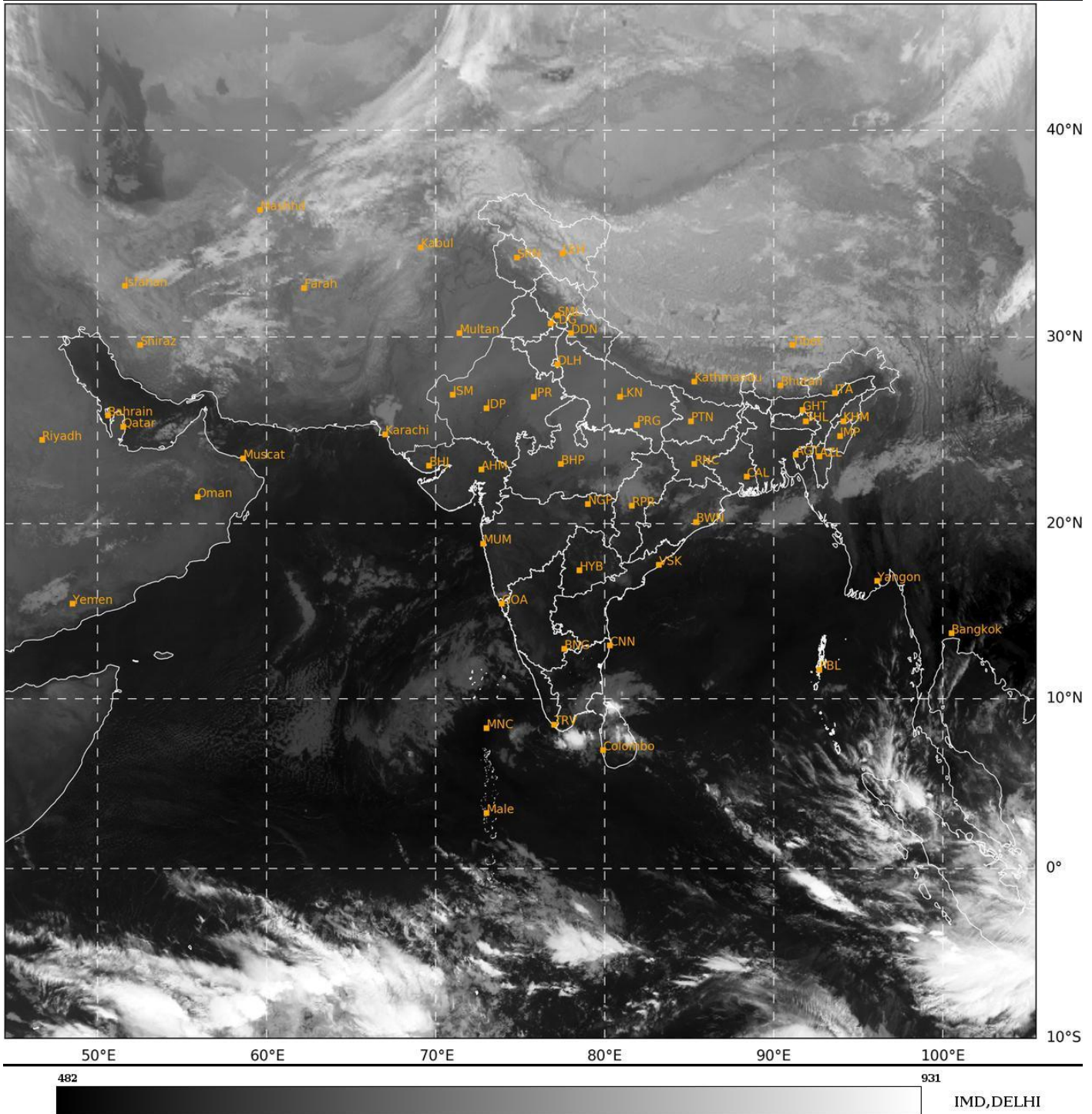
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SAT : INSAT-3D IMG  
 IMG\_TIR1 10.8 um  
 L1C Mercator

19-01-2024/(0300 to 0327) GMT  
 19-01-2024/(0830 to 0857) IST



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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