



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

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 31.12.2024

**TROPICAL WEATHER OUTLOOK FOR THE NORTH INDIAN OCEAN (THE BAY OF BENGAL AND THE ARABIAN SEA) VALID FOR THE NEXT 168 HOURS ISSUED AT 0600 UTC OF 31.12.2024 BASED ON 0300 UTC OF 31.12.2024.**

### BAY OF BENGAL:

Yesterday's cyclonic circulation over central parts of south Bay of Bengal & adjoining Equatorial Indian Ocean lay over Equatorial Indian Ocean & adjoining southwest Bay of Bengal extending upto 1.5 km above mean sea level at 0000 UTC of today, the 31<sup>st</sup> December, 2024. It persisted over same region at 0300 UTC of today, the 31<sup>st</sup> December, 2024.

Scattered low and medium clouds with embedded intense to very intense convection lay over south Bay of Bengal. Scattered low and medium clouds with embedded moderate to intense convection lay over central Bay of Bengal, south Andaman 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

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

### ARABIAN SEA:

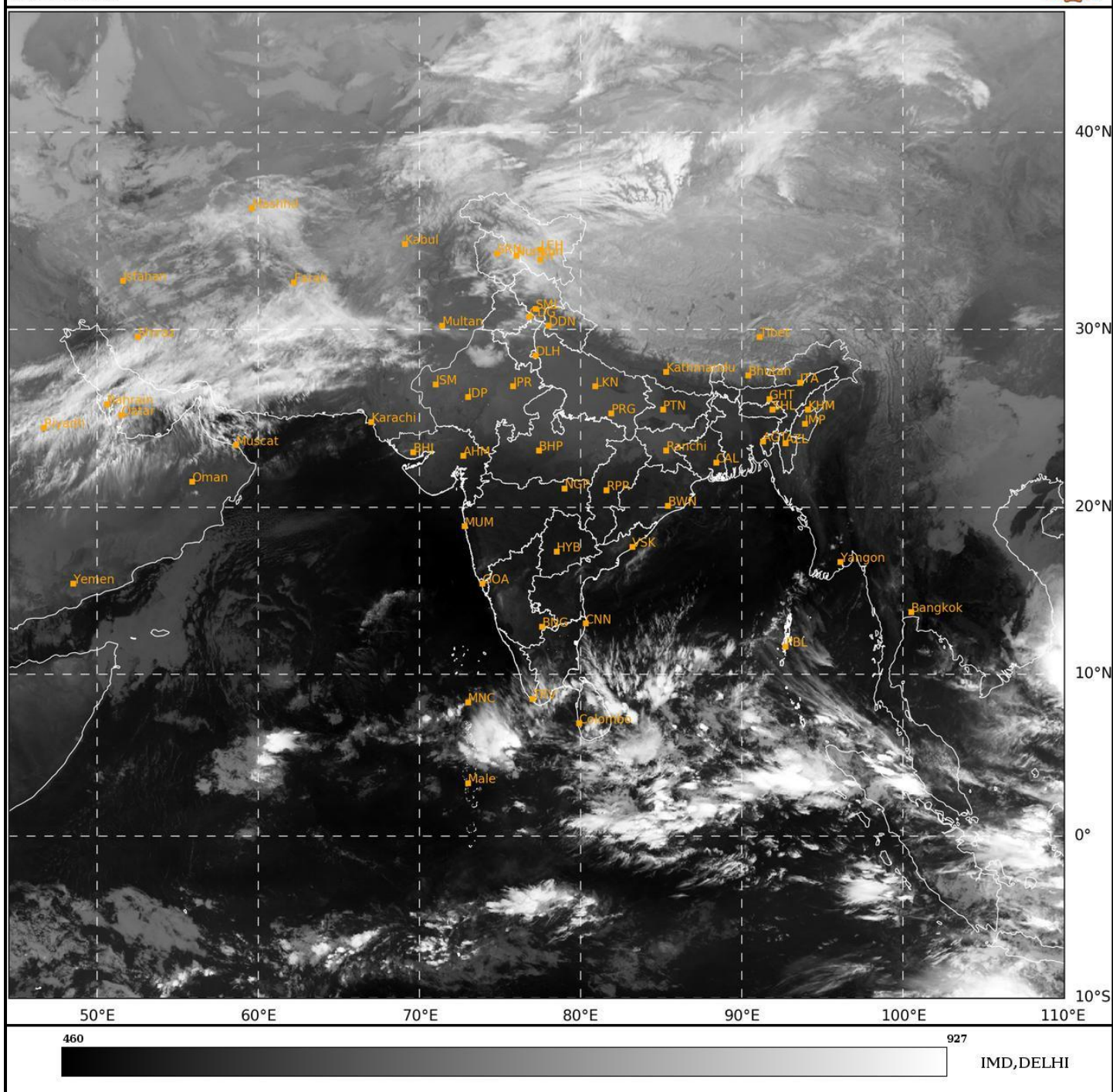
Scattered low and medium clouds with embedded moderate to intense convection lay over Comorin area and isolated weak to moderate convection lay over Arabian Sea, Maldives area & Lakshadweep islands area.

#### \*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

**REMARKS:** NIL



**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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