



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

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 29.12.2024

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 29.12.2024 BASED ON 0300 UTC OF 29.12.2024.

BAY OF BENGAL:

Scattered low and medium clouds with embedded intense to very intense convection lay over southeast Bay of Bengal. Scattered low and medium clouds with embedded moderate to intense convection lay over west central and southwest Bay of Bengal & 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:

Yesterday's cyclonic circulation over southeast Arabian Sea off south Kerala coast became less marked over the same region at 0300 UTC of today, the 29th December, 2024.

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

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

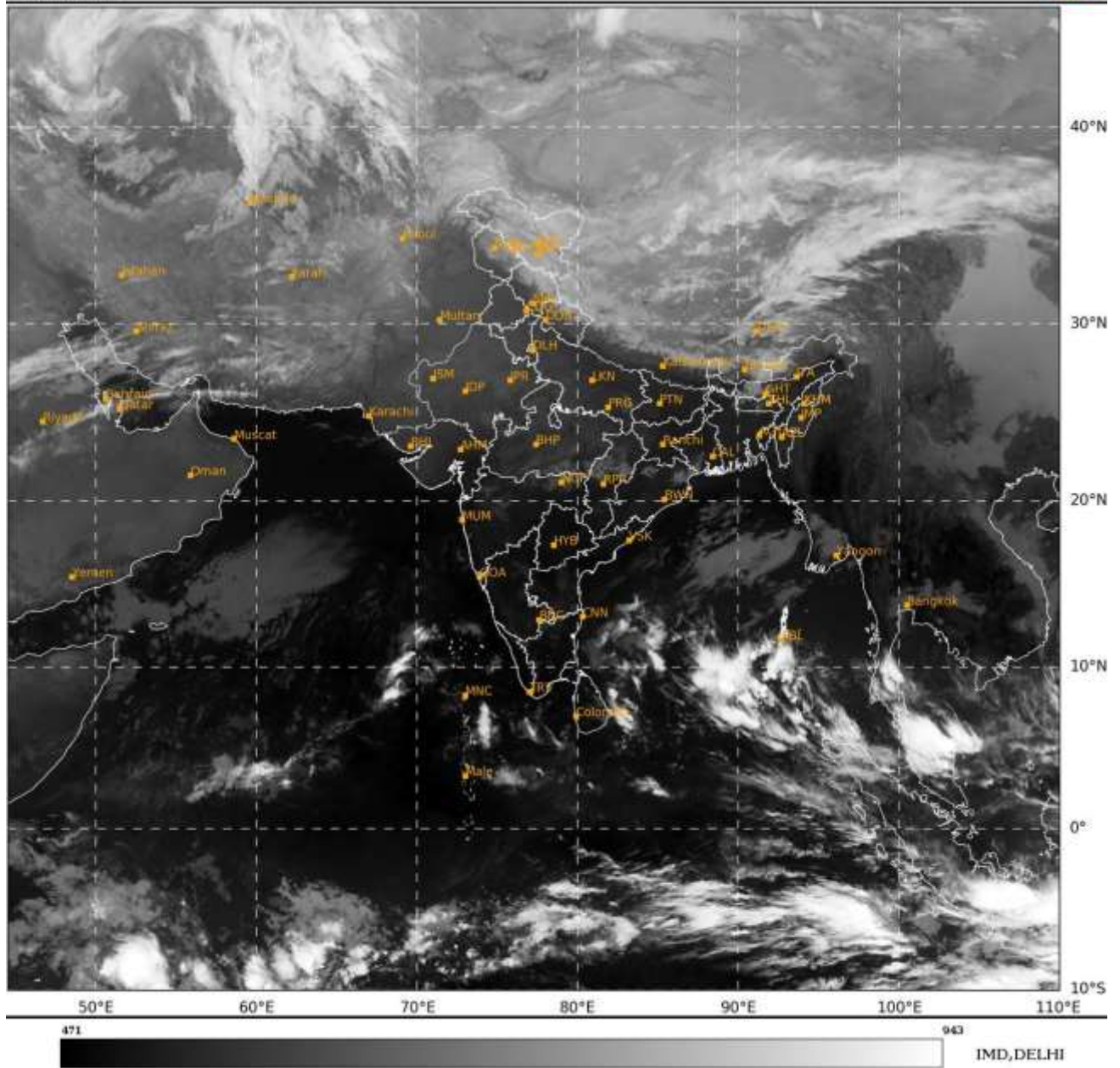
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NIL	NIL	NIL	NIL	NIL	NIL	NIL

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

REMARKS: NIL

SAT : INSAT-3DR IMG
IMC_TIR1 10.8 um
LIC Mercator

29-12-2024/(0315 to 0342) GMT
29-12-2024/(0845 to 0912) 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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