



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

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 29.04.2025

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 29.04.2025 BASED ON 0300 UTC OF 29.04.2025.

BAY OF BENGAL:

Scattered low and medium clouds with embedded moderate to intense convection lay over Bay of Bengal, north Andaman Sea & Gulf of Martaban.

***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 upper air cyclonic circulation over Comorin area and neighbourhood became less marked at 0300 UTC of today, the 29th April, 2025.

A fresh upper air cyclonic circulation lay over Lakshadweep & neighbourhood at 1.5 km above mean sea level at 0300 UTC of today, the 29th April, 2025.

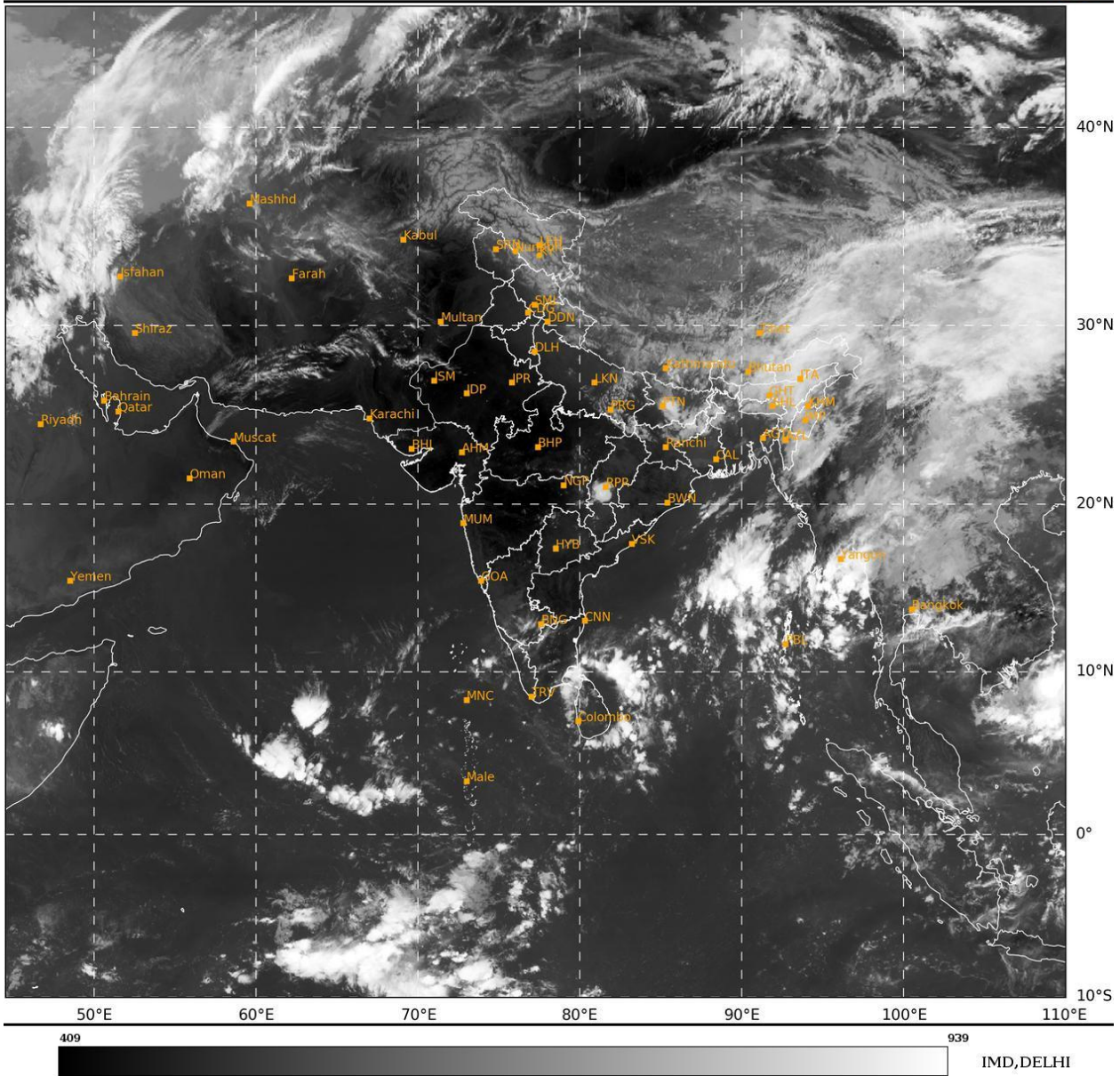
Scattered low and medium clouds with embedded moderate to intense convection lay over south Arabian Sea and Lakshadweep Islands area. Scattered low and medium clouds with embedded isolated weak to moderate convection lay over north Arabian Sea, Maldives & Comorin area.

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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°Cto-40°C,(c)Intense:CTT: -41°Cto -70°Cand(d)Very Intense::Less than -70°C
PROBABILITYOFCYCLOGENESIS(FORMATIONOFDEPRESSION):NIL:0%,LOW:1-33%,MODERATE:34-66%ANDHIGH:67-100%
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