



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

**DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 13.05.2026**

**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 13.05.2026 BASED ON 0300 UTC OF 13.05.2026.**

**BAY OF BENGAL:**

Yesterday's low-pressure area over southwest Bay of Bengal lay over the southwest and adjoining westcentral Bay of Bengal at 0000 UTC and lay as a well-marked low pressure area over the same region at 0300 UTC of today, the 13th May 2026. The associated cyclonic circulation extended upto 5.8 km above mean sea level.

As per INSAT 3DS imagery at 0300 UTC of 13th May, Low Level Circulation (LLC) over southwest & adjoining westcentral Bay of Bengal and neighbourhood: Associated scattered to broken low and medium clouds with embedded intense to very intense convection lay over the south & adjoining central Bay of Bengal, south Kerala, south Tamil Nadu, Andaman & Nicobar Islands area, Sri Lanka, Palk Strait, Gulf of Mannar and Comorin area (minimum cloud top temperature minus 70-90 degree Celsius).

Scattered to broken low and medium clouds with embedded intense to very intense convection lay over the central & south Bay of Bengal, Andaman Sea, Gulf of Martaban and Tenasserim coast. Scattered low to medium clouds with embedded weak to moderate convection lay over the north 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:**

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

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°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%

This is a guidance Bulletin for WMO/ESCAP Panel Member countries. Visit respective National websites for Country specific Bulletins.

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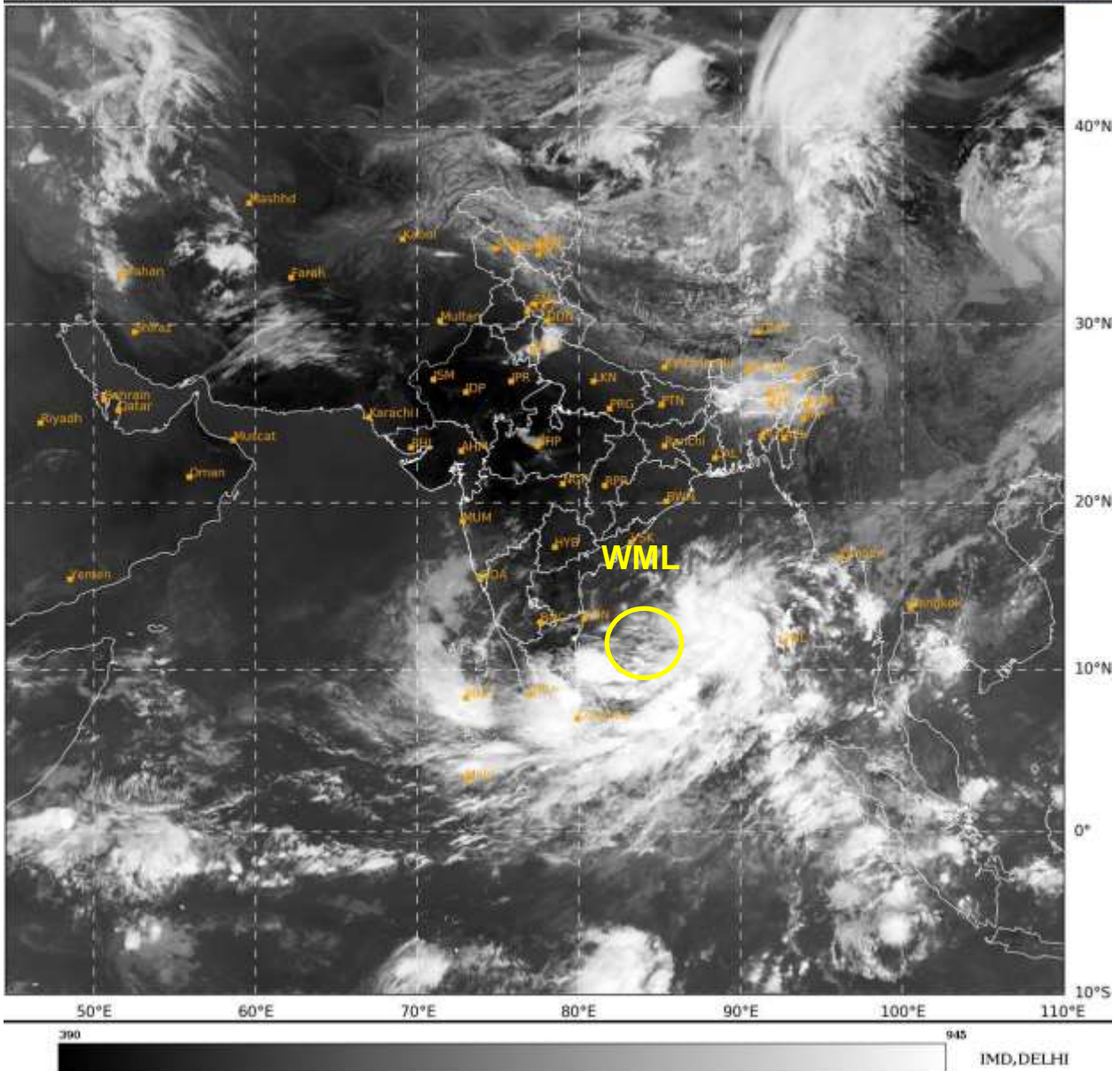
**REMARKS:**

INSAT-3DS imageries indicate persistence of broad scale convection over southwest and adjoining westcentral & southeast Bay of Bengal since 7th May 2026. The cloud top brightness temperature (CTBT) imagery shows significant increase in the area of intense convection over the central BoB and adjoining areas.

The guidance from ECMM model indicates that the Madden Julian Oscillation (MJO) index is presently in phase 4 with amplitude close to 1 and is likely to continue in same phase during next 3 days. The sea surface temperature is around 28-29°C over the south BoB.

Most of the numerical models are indicating the system to persist as low pressure area till 17<sup>th</sup> May with gradual north-northeastwards movement. However, GFS and BFS are showing marginal intensification into depression during 16<sup>th</sup> & 17<sup>th</sup> May.

Considering all the above, the well marked low-pressure area over southwest & adjoining westcentral BoB is likely to move gradually northeastwards and become less marked during next 48 hours.



WML: Well Marked Low Pressure Area