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

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## DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 14.05.2026

**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 14.05.2026 BASED ON 0300 UTC OF 14.05.2026.**

### BAY OF BENGAL:

Yesterday's well-marked low pressure area over the southwest and adjoining westcentral Bay of Bengal persisted over the same region at 0300 UTC of today, the 14th May 2026. The associated cyclonic circulation extended upto 5.8 km above mean sea level.

As per INSAT 3DS imagery at 0300 UTC of 14th May, vortex over southwest & adjoining westcentral Bay of Bengal and neighbourhood: Centered within a half a degree of 12.5N / 83.0E. Intensity T1.0. Associated scattered to broken low and medium clouds with embedded intense to very intense convection lay over the south & adjoining central Bay of Bengal, Andaman & Nicobar Islands area, east Tamil Nadu, 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 Gulf of Martaban and Tenasserim coast. Scattered low to medium clouds with embedded moderate to intense convection lay over the north Bay of Bengal and Arakan coast.

***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 | LOW | LOW | NIL | NIL | NIL |

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

### ARABIAN SEA:

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

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**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.**

## REMARKS:

The cloud top brightness temperature (CTBT) imagery from INSAT 3D(R) shows intense convection over the southwest BoB off North Sri Lanka and adjoining Tamil Nadu coasts.

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$^{th}$ May with gradual north-northeastwards movement. However, GFS and BFS are showing marginal intensification into depression during 16$^{th}$ & 17$^{th}$ May over eastcentral BoB.

Considering all the above, the well-marked low-pressure area over southwest & adjoining westcentral BoB is likely to move gradually northeastwards during next 48 hours. Low probability is assigned to cyclogenesis (formation of depression) during 16th to 18th May.

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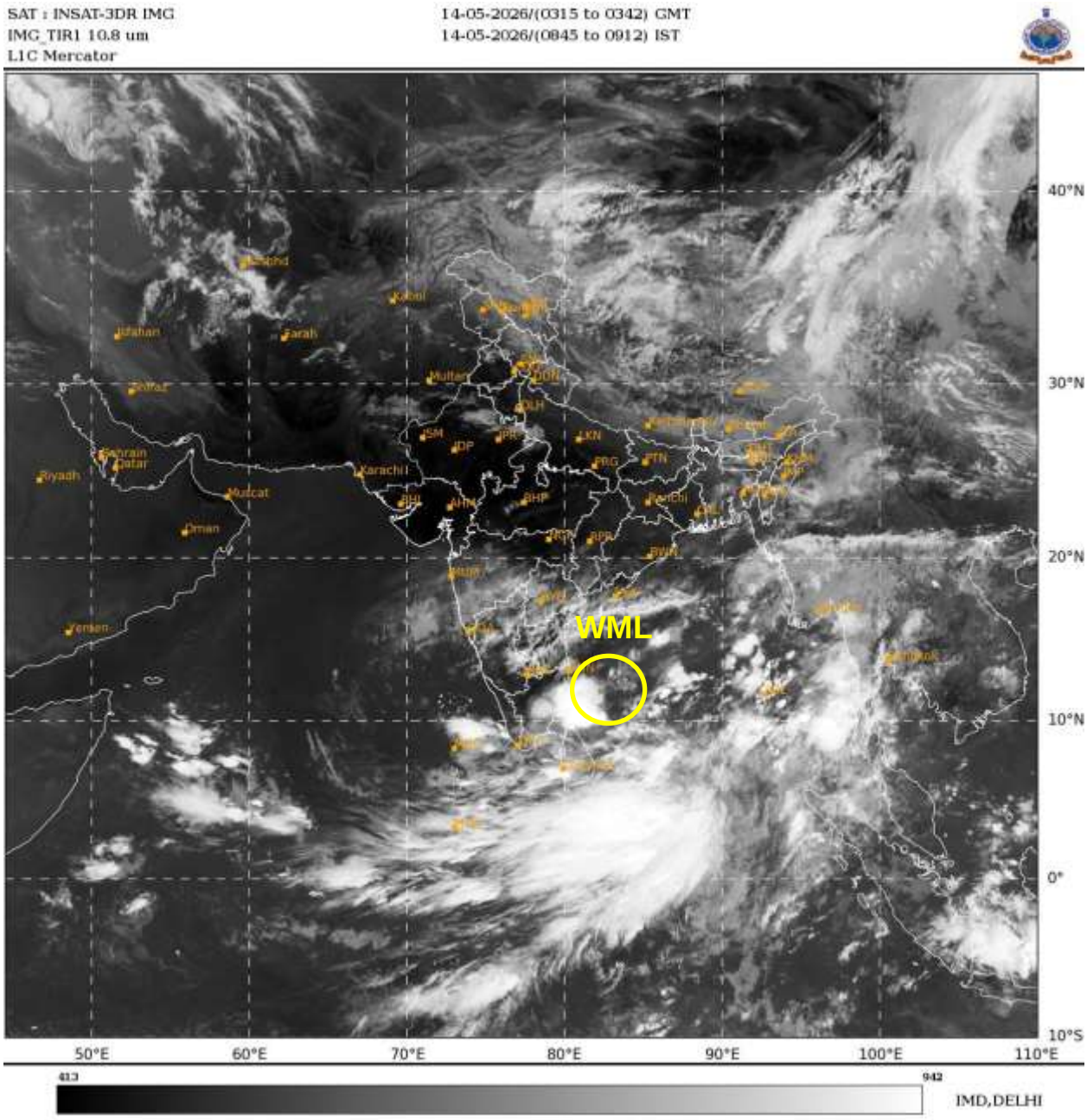


WML: Well Marked Low Pressure Area

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