



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

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 24.02.2026

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 24.02.2026 BASED ON 0300 UTC OF 24.02.2026.

BAY OF BENGAL:

Yesterday's low pressure area over southwest and adjoining areas of central parts of Bay of Bengal moved nearly northeastwards and lay over central parts of south Bay of Bengal at 1200 UTC of yesterday, the 23rd February, 2026. Thereafter, it moved nearly eastwards and lay over southeast Bay of Bengal at 0000 UTC and persisted over the same region at 0300 UTC of today, the 24th February, 2026. The associated cyclonic circulation extended upto 3.1 km above mean sea level. It is very likely to continue to move eastwards and weaken gradually during next 24 hrs.

As per INSAT 3D(S) at 0300 UTC, the Low Level Circulation (LLC) lay over southeast BoB. Associated scattered to broken low and medium clouds with embedded intense to very intense convection lay over the southeast BoB between latitude 4.0N to 12.0N and 85.0E to 94.0E in association with LLC over the area. Minimum Cloud Top Temperature is minus 70 to 90 Deg C.

Scattered to broken low to medium clouds with embedded moderate to intense convection lay over the southwest and eastcentral BoB. Scattered low to medium clouds with embedded isolated weak to moderate convection lay over Andaman Sea, Gulf of Martaban and Arakan coast.

Squally weather with wind speed reaching 35-45 gusting to 55 kmph is likely to prevail over southeast and adjoining areas of southwest & central Bay of Bengal and along & off Andaman Islands on 24th February. The sea condition is likely to be rough to moderate over these areas. Fishermen are advised not to venture into these areas on 24th February.

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 southeast Arabian Sea off south Kerala coast persisted over the same region at 0.9 km above mean sea level at 0300 UTC of today, the 24th February, 2026.

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.

Another upper air cyclonic circulation lay over Northeast Arabian Sea and adjoining Saurashtra & Kutch between 1.5 & 3.1 km above mean sea level at 0300 UTC of today, the 24th February, 2026.

Scattered low to medium clouds with embedded moderate to intense convection lay over the southwest Arabian Sea and isolated weak to moderate convection lay over Southeast Arabian Sea off Kerala 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	NIL	NIL	NIL	NIL	NIL

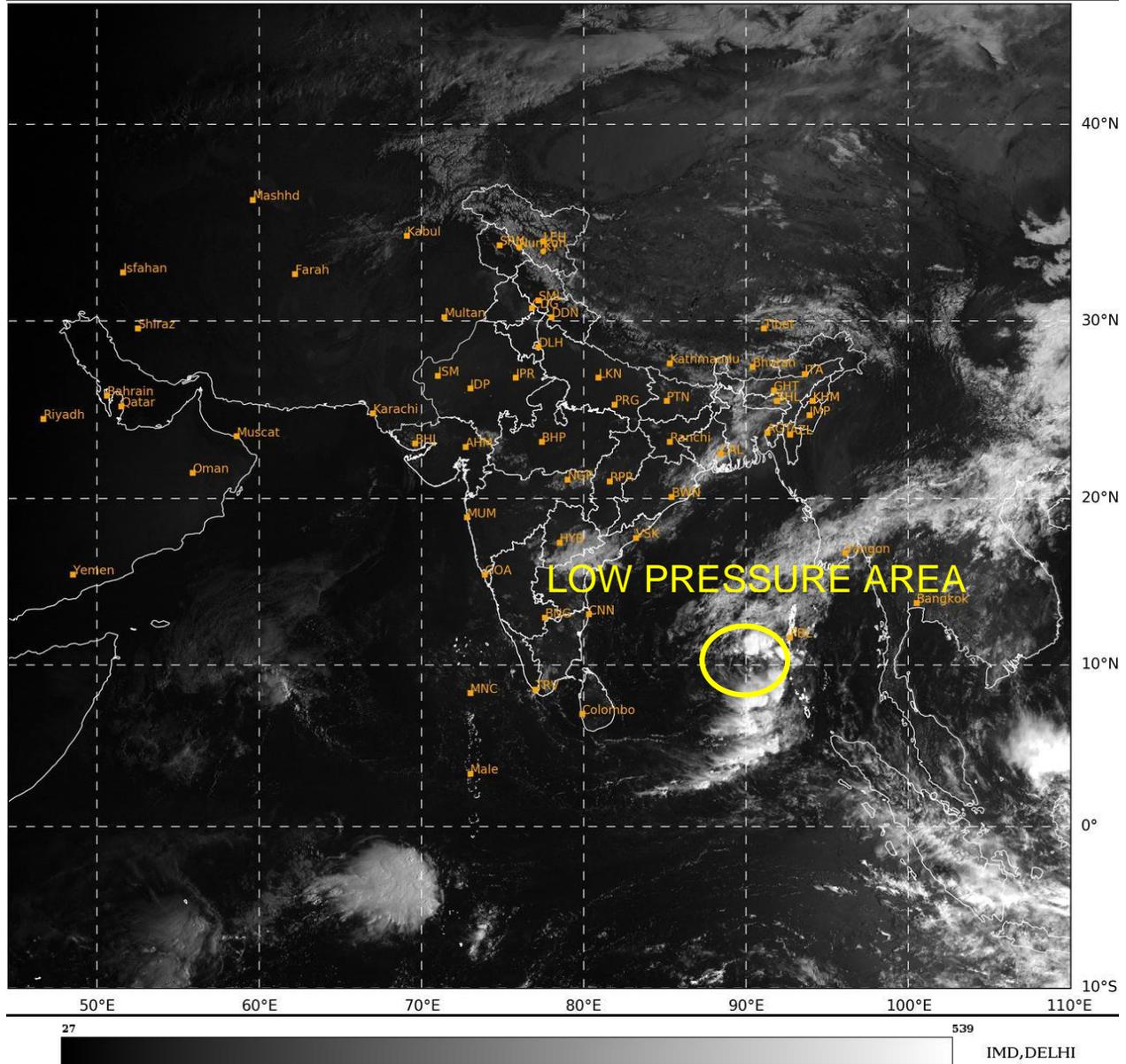
***NOTE: EVERY 24HR FORECAST IS VALID UPTO 0300 UTC (0830 IST) OF NEXT DAY**

REMARKS:

Environmental features indicate a favourable environment with Madden Julian Oscillation (MJO) in phase 4 with close to 1. It is likely to continue in same phase with amplitude remaining close to 1 during next 3-4 days. The equatorial waves show enhanced westerly wind anomaly (>9 mps) alongwith prevalence of MJO, Equatorial Rossby wave (ERW), Kelvin wave (KW), low frequency back ground wave (LW) over the southwest BoB and adjoining EIO and easterly wind anomaly (7-9 mps) over westcentral BoB and central India on 24th Feb. Thereafter various equatorial waves are drifting away along their normal path. Thus, there is favourable environment for maintenance of intensity of low pressure area over southeast Bay of Bengal and neighbourhood on 24th February.

The dynamical features indicate moderately favourable conditions in association with low pressure area over South BoB. Positive convergence has decreased in past 24 hours and is around $05-10 \times 10^{-6} \text{s}^{-1}$ over southeast BoB. Positive upper-level divergence around $20 \times 10^{-6} \text{s}^{-1}$ is seen over southeast BoB. Positive vorticity ($40-50 \times 10^{-6} \text{s}^{-1}$) is seen over southeast BoB. Vertically, it is extending upto 500 hPa. The wind shear is high (20-25 kts) over the south BoB.

Various deterministic and ensemble models are indicating low pressure area over southeast BoB to move nearly eastwards and become less marked by 25/00 UTC.



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.