



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

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 19.02.2026

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 19.02.2026 BASED ON 0300 UTC OF 19.02.2026.

BAY OF BENGAL:

(a) The **Low Pressure Area** over Equatorial Indian Ocean & adjoining southwest Bay of Bengal persisted over the same region at 0300 UTC of today, the 19th February, 2026. The associated upper air cyclonic circulation extended upto 5.8 km above mean sea level. It is likely to move west-northwestwards towards Sri Lanka and became less marked during next 24 hours.

The associated estimated central pressure is 1008 hPa and maximum sustained wind speed is 10-15 kt gusting to 25 kt.

As per INSAT-3DS imagery of 0300 UTC, low level cyclonic circulation lay over Equatorial Indian Ocean and adjoining southwest Bay of Bengal. The associated scattered to broken low and medium clouds with embedded moderate to intense convection lay over the southwest Bay of Bengal & adjoining Equatorial Indian Ocean and Sri Lanka. Minimum cloud top temperature is minus 50-70⁰C.

Squally weather with wind speed reaching 45 to 55 kmph gusting to 65 kmph is likely to prevail over southwest Bay of Bengal & adjoining East Equatorial Indian Ocean (EEIO) and along & off East Sri Lanka coast on 19th February. Squally weather with wind speed 40 to 50 kmph gusting to 60 kmph likely to prevail over Gulf of Mannar and Comorin area, adjoining Equatorial Indian Ocean (EIO), along and off west Sri Lanka coast during 19th to 21st February.

Sea condition is likely to be rough over these areas during 19th to 21st February. Fishermen are advised not to venture into these areas during 19th to 21st February.

(b) A fresh upper air cyclonic circulation lay over Equatorial Indian Ocean & adjoining southeast Bay of Bengal extended upto 5.8 km above mean sea level at 0300 UTC of today, the 19th February, 2026. Under its influence a low pressure area is likely to form over the same region during next 24 hours. It is likely to move west-northwestwards thereafter.

Scattered to broken low and medium clouds with embedded intense to very intense convection lay over the southeast Bay of Bengal & adjoining Equatorial Indian Ocean & south Andaman Sea persisted during past 12 hours (minimum cloud top temperature is minus 70-90⁰C) and moderate to intense convection lay over southwest Bay of Bengal & adjoining Equatorial Indian Ocean. Scattered low to medium clouds with embedded isolated weak to moderate convection lay over lay over the central Bay of Bengal.

Squally weather with wind speed 40 to 50 kmph gusting to 60 kmph likely to prevail over southern parts of southeast Bay of Bengal adjoining to EIO and adjoining areas of South Andaman Sea during 19th to 20th February, over central parts of south BoB & adjoining EEIO on 21st and over southwest BoB & adjoining EEIO and along & off East Sri Lanka coast during 22nd to 24th February. The sea condition is likely to rough over these areas. Fishermen are advised not to venture into these areas.

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 weak to moderate convection lay over the southwest Arabian Sea and Comorin area. Scattered low to medium clouds lay over rest of the Arabian Sea and Lakshadweep Islands area.

***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**

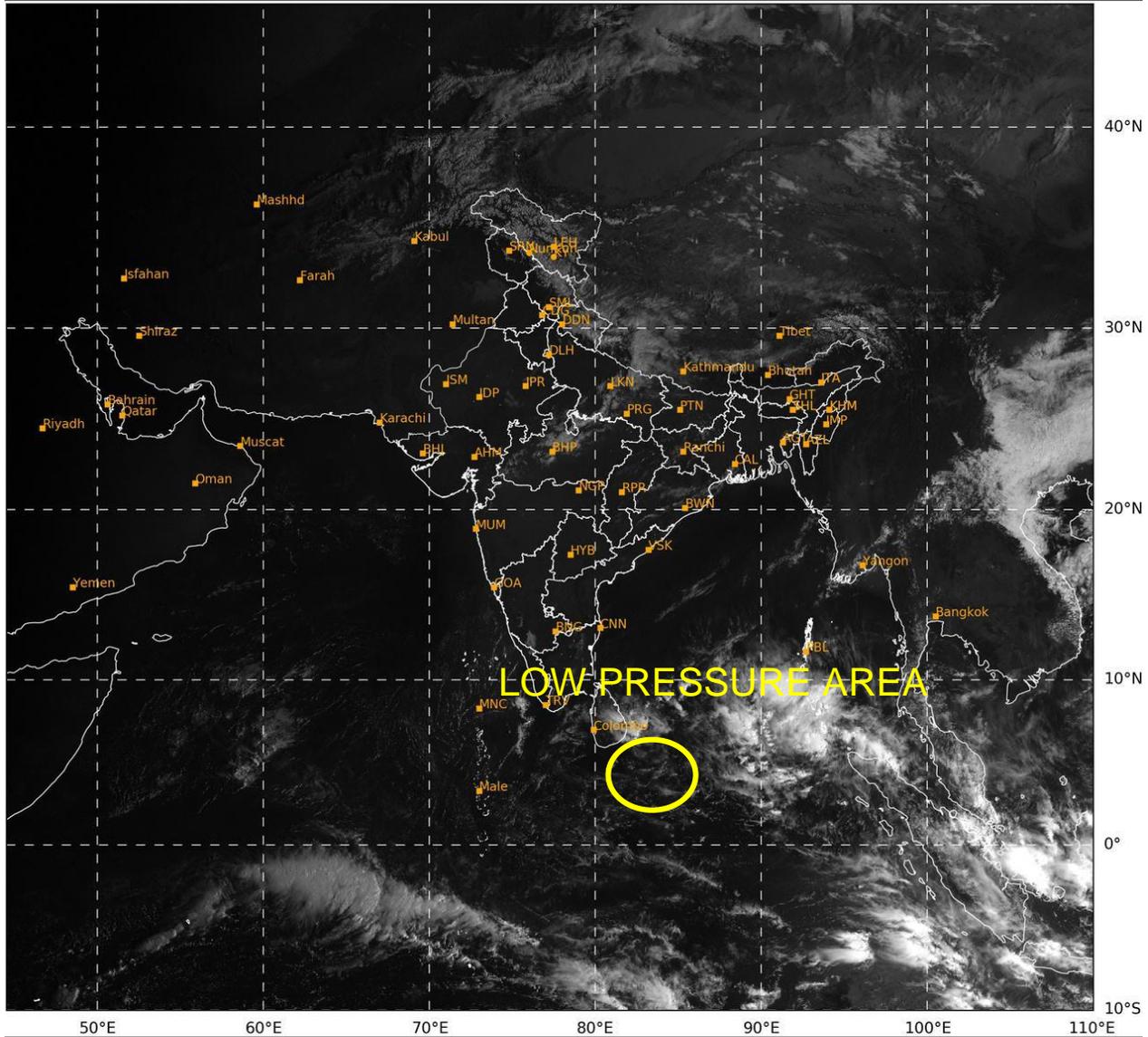
REMARKS:

Environmental features indicate a favourable environment with Madden Julian Oscillation (MJO) in phase 3 with amplitude close to 1. Thereafter, it is likely to move across phase 3 & 4 with amplitude remaining close to 1 during next 5 days. The equatorial waves show enhanced westerly wind anomaly (>9 mps) over the south Bay of Bengal (BoB) and adjoining East Equatorial Indian Ocean (EEIO), easterly wind anomaly (7-9 mps) over south Andaman Sea & central BoB, alongwith prevalence of MJO, Equatorial Rossby wave (ERW), Kelvin wave (KW), low frequency back ground wave (LW) during 19th to 20th Feb.

Various deterministic and ensemble models (GFS group) including are indicating existing low pressure area over southwest BoB & adjoining EEIO to become less marked during next 24 hours. However, IMD GFS and BFS are over estimating the intensity of the system. However, ECMWF and NCEP GFS are indicating development of a fresh low pressure area over southeast BoB around 20th February with west-northwestwards movement towards Sri Lanka coast till 23rd February.

Considering all the above, probability of cyclogenesis is given as NIL during next 7 days. However, a continuous watch is being maintained over the region.

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.



26

544

IMD, DELHI