



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

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 10.08.2026

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 10.08.2026 BASED ON 0300 UTC OF 10.08.2026.

BAY OF BENGAL:

Yesterday's Low Pressure Area over northeast Madhya Pradesh & adjoining Chhattisgarh lay over north Madhya Pradesh & neighbourhood at 0000 UTC and persisted over the same region at 0300 UTC of today, the 10th August, 2026. The associated cyclonic circulation extended upto 5.8 km above mean sea level tilting southwards with height.

A fresh upper air cyclonic circulation formed over northwest Bay of Bengal & neighbourhood at 0000 UTC and persisted over the same region at 0300 UTC of today, the 10th August, 2026. Vertically it extended upto 7.6 km above mean sea level tilting southwestwards with height. Under its influence, a Low Pressure Area is likely to form over the same region around 12th August, 2026.

Scattered to broken, low to medium clouds with embedded intense to very intense convection lay over North Bay of Bengal, Andaman Sea, Arakan coast, Gulf of Martaban and Tenasserim coast. Scattered low to medium clouds with embedded moderate to intense convection lay over central & south 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	LOW	MOD	MOD	-	NIL

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

ARABIAN SEA:

Scattered low to medium clouds with embedded moderate to intense convection lay over southeast Arabian Sea, Maldives and Comorin area. Scattered low to medium clouds with embedded isolated weak to moderate convection lay over northeast Arabian Sea, Gulf of Kutch, Gulf of Cambay, eastcentral Arabian Sea and Lakshadweep islands area.

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NIL	NIL	NIL	NIL	NIL	NIL	NIL

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

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:

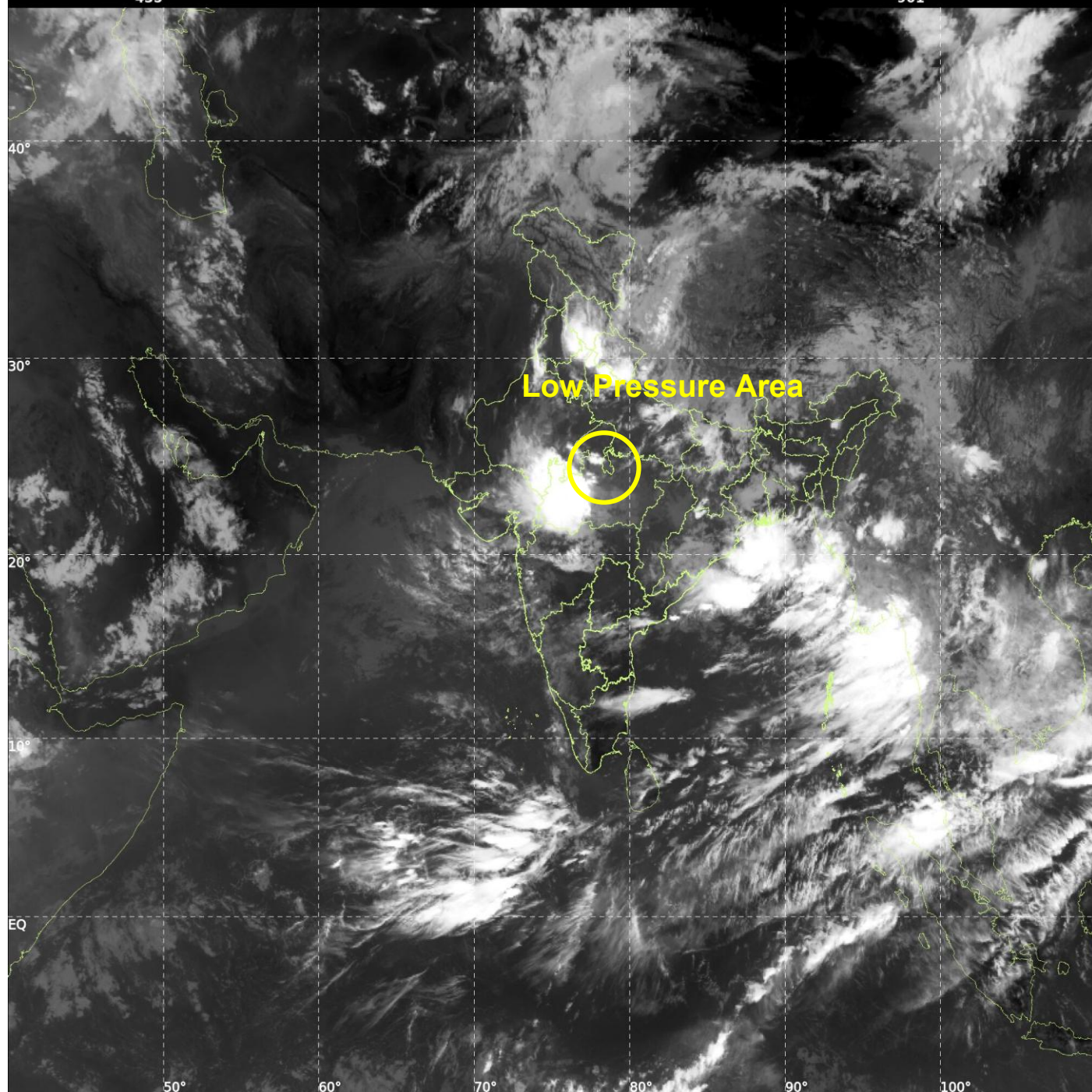
The deterministic ECMWF model is currently indicating an upper air cyclonic circulation over northeast Bay of Bengal (BoB). It is indicated to persist over the same region on 12th August, concentrate into a Low Pressure area over north Bay of Bengal around 13th August and move west-northwestwards across Gangetic West Bengal & adjoining north Odisha towards southeast Jharkhand till 17th August. GFS group of models is indicating upper air cyclonic circulation over north BoB during 3-4 days. ECMM is indicating moderate probability of cyclogenesis (formation of Depression) around 13th August. IMD Tropical Cyclone Genesis Potential Parameter (GPP) guidance is indicating potential zone over north BoB around 11th & 12th August. Considering all these Low to Moderate probability has been assigned to cyclogenesis (formation of Depression) during 12th to 14th August.



INSAT-3DS IMG, Thermal Infrared1 Count @ 10.83 μm
GMT:10-08-2026/(0300-0327) IST:10-08-2026/(0830-0857)
L1C MERCATOR (LINEAR STRETCH: 1%)

435

901



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