



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

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 16.09.2026

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 16.09.2026 BASED ON 0300 UTC OF 16.09.2026.

BAY OF BENGAL:

An upper-air cyclonic circulation lay over north Thailand extending upto 7.6 km above mean sea level at 0300 UTC of today, the 16th September, 2026. It is likely to emerge over north Andaman Sea around 18th evening (1200 UTC). Under its influence a Low Pressure Area is likely to form over the same region around the evening (1200 UTC) of 19th September, 2026. Thereafter, it is likely to intensify gradually and move west-northwestwards towards south Odisha-north Andhra Pradesh coasts during subsequent 3-4 days.

Yesterday's upper air cyclonic circulation over Northwest Bay of Bengal and adjoining north Odisha & West Bengal merged with the trough running from Northern parts of Gangetic West Bengal to North Odisha between 1.5 to 3.1 km above mean level at 0300 UTC of today, 16th September 2026.

Scattered to broken low and medium clouds with embedded intense to very intense convection lay over northeast Bay of Bengal, south Bay of Bengal, Andaman Sea, Gulf of Martaban & Tenasserim Coast. Scattered low and medium clouds with embedded moderate to intense convection lay over rest of Bay of Bengal, Arakan coast and Andaman Sea.

***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	LOW	LOW	MOD

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

ARABIAN SEA:

Yesterday's Low-Pressure Area over southwest Rajasthan and adjoining Kutch region & southeast Pakistan lay over Saurashtra & adjoining Northeast Arabian Sea at 0300 UTC of today, the 16th September 2026. The associated cyclonic circulation extended up to 5.8 km above mean sea level tilting southwards with height.

As per INSAT 3D(S), the Low Level Circulation (LLC) lay over northeast Arabian Sea and neighborhood. Associated scattered to broken low and medium clouds with embedded intense to very intense convection lay over northeast Arabian Sea, off Gujarat coast (Minimum Cloud Top

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%

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Temperature (CTT) -70°C to -90°C). Moderate to intense convection lay over Kutch, Gulf of Kutch and southeast Pakistan (Minimum CTT -40°C to -70°C).

Scattered to broken low and medium clouds with embedded intense to very intense convection lay over northeast Arabian Sea off Gujarat coast, southeast Arabian, Lakshadweep Islands area, Maldives and Comorin area. Scattered low and medium clouds with embedded moderate to intense convection lay over the Gulf of Kutch and rest Arabian Sea.

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NIL	NIL	NIL	NIL	NIL	NIL	NIL

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Remarks – Nil

