





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

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 10.01.2024

TROPICAL WEATHER OUTLOOK FOR NORTH INDIAN OCEAN (THEBAY OF BENGAL OF BENGAL AND THE ARABIAN SEA) VALID FOR NEXT 168 HOURS ISSUED AT 0600 UTC OF 10.01.2024 BASED ON 0300 UTC OF 10.01.2024. BAY OF BENGAL:

BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LAY OVER SOUTHWEST BAY OF BENGAL ADJOINING EQUITORIAL INDIAN OCEAN GULF OF MANNAR SRI LANKA & NEIGHBOURHOOD PERSISTS (MINIMUM CTT MINUS 93 DEG CEL). SCATTERED LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE CONVECTION LAY OVER SOUTHEAST BAY OF BENGAL SOUTH ANDAMAN SEA AND ISOLATED WEAK TO MODERATE CONVECTION LAY OVER CENTRAL BAY OF BENGAL.

*PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION) DURING NEXT 168 HRS:

24	24-48	48-72	72-96	96-120	120-144	144-168
HOURS	HOURS	HOURS	HOURS	HOURS	HOURS	HOURS
NIL	NIL	NIL	NIL	NIL	NIL	

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

YESTERDAY'S CYCLONIC CIRCULATION FROM SOUTHEAST & ADJOINING EASTCENTRAL ARABIAN SEA EXTENDING UPTO 1.5 KM ABOVE MEAN SEA LEVEL BECAME LESS MARKED AT 0300 UTC OF TODAY, THE 10TH JANUARY, 2024.

A CYCLONIC CIRCULATION AT 1.5 KM ABOVE MEAN SEA LEVEL LAY OVER KERALA COAST AT 0300 UTC OF TODAY, THE 10TH JANUARY, 2024.

SCATTERED TO BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LAY OVER COMORIN AREA (MINIMUM CTT MINUS 80 DEG CEL) AND MODERATE TO INTENSE CONVECTION LAY OVER SOUTHEAST ARABIAN SEA. SCATTERED LOW AND MEDIUM CLOUDS WITH EMBEDDED ISOLATED WEAK CONVECTION LAY OVER CENTRAL & SOUTHWEST ARABIAN SEA.

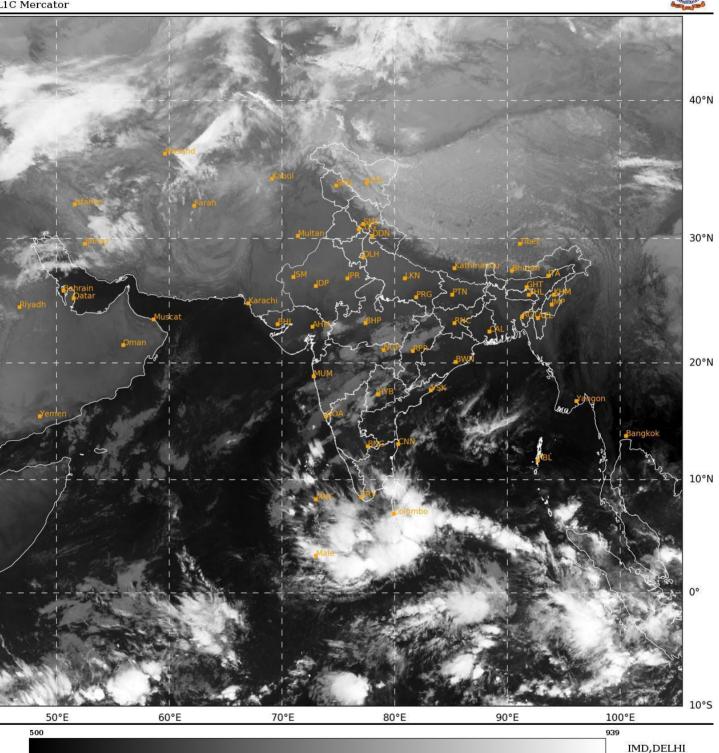
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Cloud distribution: (a) Isolated: <25%, Scattered:25-50%, Broken: 51-75%, Solid:>75%, Convection Intensity: (a) Weak: Cloud Top Temperature (CTT) >-25°C, (b) Moderate: CTT: - 25°C to -40°C, (c) Intense: CTT: - 41°C to -70°C and (d) Very Intense: : 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

SAT : INSAT-3D IMG IMG_TIR1 10.8 um L1C Mercator 10-01-2024/(0300 to 0327) GMT 10-01-2024/(0830 to 0857) IST



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