



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

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 02.06.2023

TROPICAL WEATHER OUTLOOK FOR NORTH INDIAN OCEAN (THE BAY OF BENGAL AND THE ARABIAN SEA) VALID FOR NEXT 120 HOURS ISSUED AT 0600 UTC OF 02.06.2023 BASED ON 0300 UTC OF 02.06.2023.

BAY OF BENGAL:

YESTERDAY'S CYCLONIC CIRCULATION OVER EASTCENTRAL BAY OF BENGAL OFF MYANMAR COAST PERSISTED OVER THE SAME REGION AT 0300 UTC OF TODAY, THE 2ND JUNE 2023.

SCATTERED TO BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LAY OVER NORTHEAST & CENTRAL BAY OF BENGAL. SCATTERED LOW AND MEDIUM CLOUDS WITH EMBEDDED ISOLATED MODERATE TO INTENSE CONVECTION LAY OVER SOUTH BAY OF BENGAL & ANDAMAN SEA.

PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION) DURING NEXT 120 HRS:

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

ARABIAN SEA:

A CYCLONIC CIRCULATION IS LIKELY TO DEVELOP OVER SOUTHEAST ARABIAN SEA AROUND 5TH JUNE. UNDER IT'S INFLUENCE, A LOW PRESSURE AREA IS LIKELY TO FORM OVER THE SAME REGION DURING SUBSEQUENT 48 HOURS.

SCATTERED TO BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED INTENSE TO VERY INTENSE CONVECTION LAY OVER SOUTH ADJOINING CENTRAL ARABIAN SEA. SCATTERED LOW AND MEDIUM CLOUDS WITH EMBEDDED WEAK TO MODERATE CONVECTION LAY OVER LAKSHADWEEP ISLANDS AREA AND COMORON AREA.

PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION) DURING NEXT 120 HRS:

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

Remarks

(A) BAY OF BENGAL:

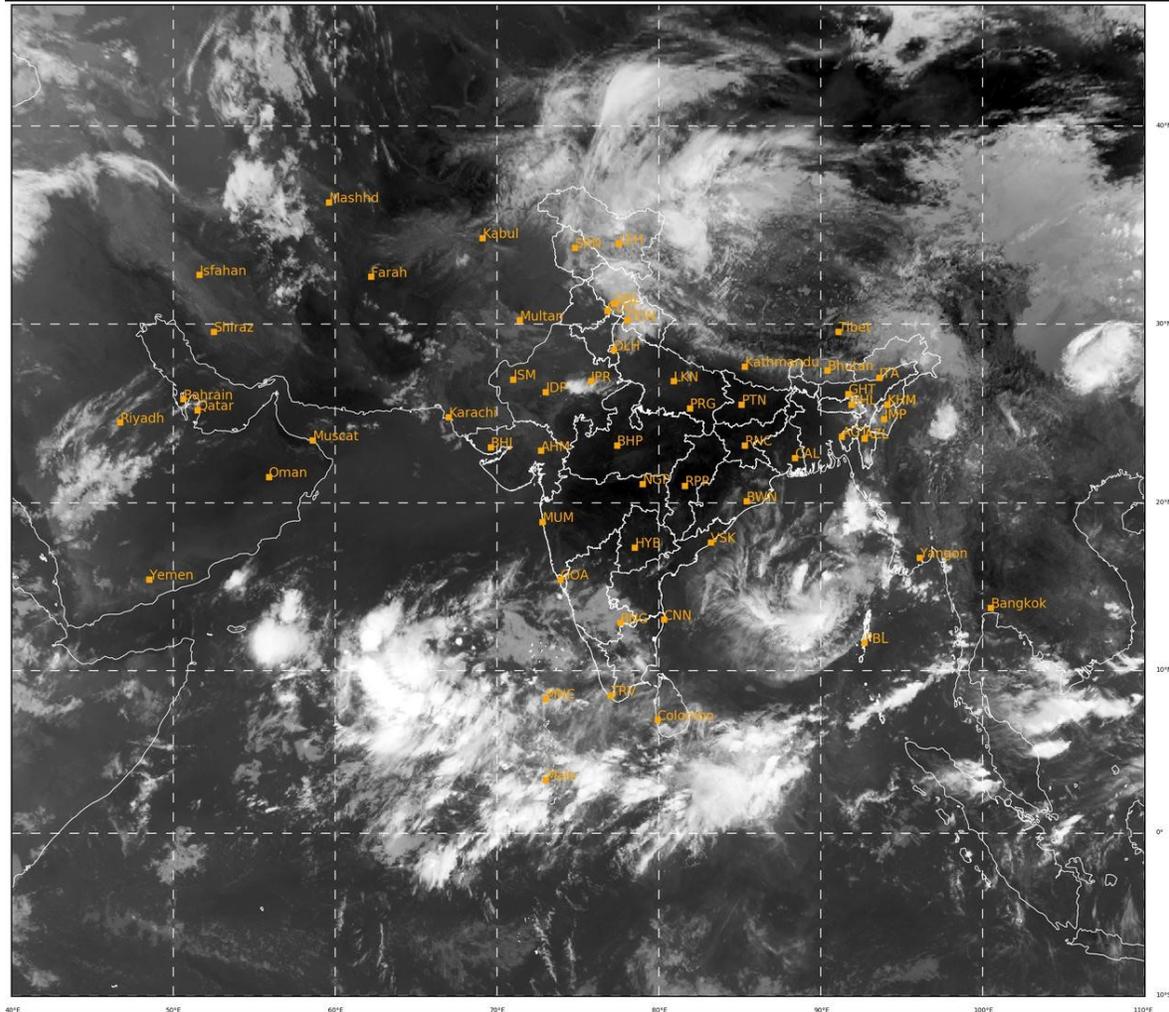
ECMWF AND NCUM ARE INDICATING DEVELOPMENT OF A DEPRESSION OVER EASTCENTRAL & ADJOINING NORTH ANDAMAN SEA DURING 6TH-7TH JUNE WITH NORTH-NORTHEASTWARDS MOVEMENT TOWARDS MYANMAR COAST. THE GFS

GROUP OF MODELS IS NOT INDICATING ANY SYSTEM OVER BAY OF BENGAL. CONSIDERING GUIDANCE FROM VARIOUS MODELS, PROBABILITY OF CYCLOGENESIS IS KEPT AS NIL FOR NEXT FIVE DAYS.

(B) ARABIAN SEA:

MODELS LIKE ECMWF, AND NCEP GFS ARE INDICATING DEVELOPMENT OF DEPRESSION AROUND 6TH JUNE, NCUM AROUND 8TH & IMD GFS AROUND 10TH JUNE. THERE IS LARGE VARIATION AMONG VARIOUS MODELS WRT AREA OF GENESIS, MOVEMENT & PEAK INTENSIFICATION. ECMWF IS INDICATING GENESIS OVER EASTCENTRAL AS & NCEP OVER SOUTHEAST AS. NCUM IS INDICATING GENESIS OVER WESTCENTRAL AS. IMD GFS IS INDICATING, NO SIGNIFICANT INTENSIFICATION AND MOVEMENT TOWARDS KARNATAKA COAST. NCUM & ECMWF ARE INDICATING MOVEMENT TOWARDS OMAN-YEMEN COASTS AND NCEP GFS IS INDICATING MOVEMENT TOWARDS SOUTH GUJARAT-MAHARASHTRA COAST. CONSIDERING GUIDANCE FROM VARIOUS MODELS, PROBABILITY OF CYCLOGENESIS IS KEPT AS NIL FOR NEXT FIVE DAYS.

BOTH THE BASINS ARE UNDER CONTINUOUS WATCH. NEXT UPDATE WILL BE ISSUED AT 0600 UTC OF 3RD JUNE.



375

930

IMD, DELHI

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%
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