



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

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 01.08.2026

SPECIAL TROPICAL WEATHER OUTLOOK FOR THE NORTH INDIAN OCEAN (THE BAY OF BENGAL AND THE ARABIAN SEA) VALID FOR THE NEXT 168 HOURS ISSUED AT 0300 UTC OF 01.08.2026 BASED ON 0000 UTC OF 01.08.2026.

Sub: Depression over southwest Madhya Pradesh and adjoining East Rajasthan & Gujarat Region weakened into a Well Marked Low Pressure Area over Southeast Rajasthan & neighbourhood

The Depression over southwest Madhya Pradesh and adjoining East Rajasthan & Gujarat Region moved nearly west-northwestwards and weakened into a Well Marked Low Pressure Area over Southeast Rajasthan & Neighbourhood at 0000 UTC of today, the 01st August, 2026.

It is very likely to move west-northwestwards across South Rajasthan and weaken further into a Low Pressure Area during next 24 hours.

The estimated central pressure is 994 hPa. The associated maximum sustained wind speed is 20 kt gusting to 30 kt. Ahmedabad (42647, Gujarat) reported MSLP as 995.8 hPa, P24 as -0.5 hPa and MSW as 320⁰/03 kt. Udaipur (42542, Rajasthan) reported MSLP as 995.3 hPa, P24 as -0.7 hPa and MSW as 360⁰/03 kt.

As per INSAT 3DS imagery at 0000 UTC of 1st August, associated scattered to broken low & medium clouds with embedded intense to very intense convection over South Rajasthan, Southwest Madhya Pradesh, Gujarat, Gulf of Cambay, Konkan, South Pakistan (minimum Cloud Top Temperature is -70 to -90°C).

REMARKS:

The low level vorticity is about $60-80 \times 10^{-6} \text{ s}^{-1}$ to the west of system centre. Vertically, it is extending upto 200 hPa level. The low level convergence is the same during past 6 hours and is around $10 \times 10^{-6} \text{ s}^{-1}$ to the southwest of system centre. Upper level divergence is around $20 \times 10^{-6} \text{ s}^{-1}$ to the southwest of system area. Vertical wind shear of horizontal wind is low to moderate 10-20 kt over the system area and along the forecast path. The guidance from NCICS model indicates westerly wind anomaly (5-7 mps) alongwith prevalence of Equatorial Rossby wave (ERW) over central parts of India & adjoining eastcentral Arabian Sea and easterly wind anomaly (>9 mps) to its north over northwest India. The system is also getting moisture feedback from south Arabian Sea. Under these features, the system will weaken slowly while moving west-northwestwards during next 24 hours.

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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Guidance from numerical models:

Most of the models (ECMWF, GFS) are indicating weakening of the system during next 12-24 hours while moving northwestwards.

Based on the observations and guidance from various numerical models:

Confidence Level in estimation of current location and intensity: **High**

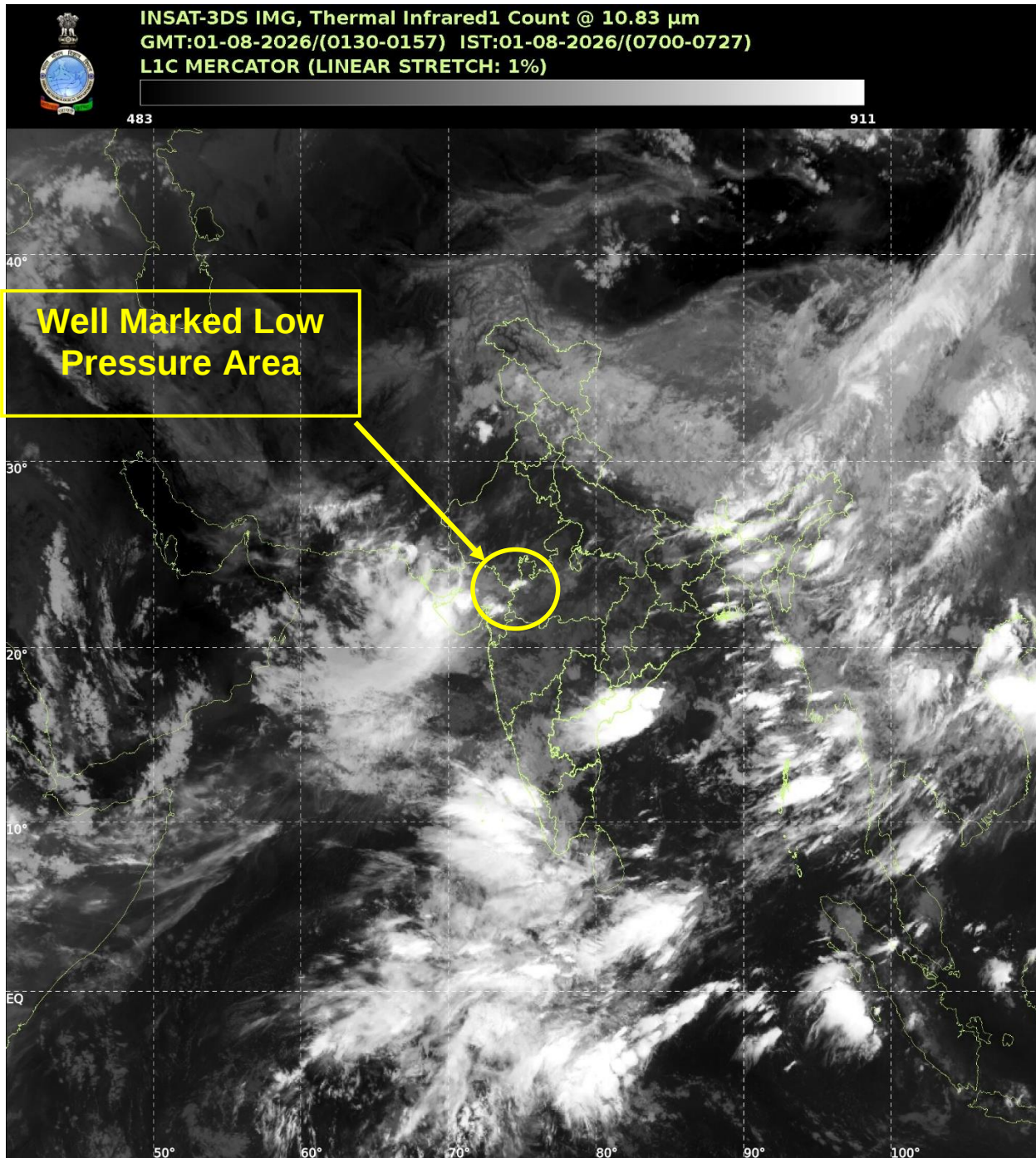
Confidence Level in prediction of forecast track: **High**

Confidence Level in prediction of forecast intensity: **High**

Considering all the above, the depression over southwest Madhya Pradesh and adjoining East Rajasthan & Gujarat Region is very likely to move west-northwestwards across West Madhya and adjoining East Rajasthan & Gujarat Region during next 12 hours.

This is last update in association with this system. However, regular tropical weather outlook shall continue from Regional Specialised Meteorological Centre, New Delhi henceforth.

Monica Sharma
RSMC, IMD, New Delhi



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OBSERVED TRACK OF DEEP DEPRESSION OVER NORTHWEST BAY OF BENGAL AND ADJOINING AREAS OF ODISHA-WEST BENGAL COASTS DURING 26 JULY - 01ST AUGUST 2026.



DATE/TIME IN UTC

IST=UTC + 0530

L: LOW PRESSURE AREA

WML: WELL MARKED LOW PRESSURE AREA

D: DEPRESSION (17-27 KT)

DD: DEEP DEPRESSION (28-33 KT)

CS: CYCLONIC STORM (34-47 KT)

SCS: SEVERE CYCLONIC STORM (48-63KT)

VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)

ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)

SuCS: SUPER CYCLONIC STORM (≥ 120 KT)



LESS THAN 34 KT



34-47 KT



≥ 48 KT



OBSERVED TRACK



FORECAST TRACK



CONE OF UNCERTAINTY

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