



**India Meteorological Department
(Ministry of Earth Sciences)**

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Sub: Depression over north Chhattisgarh & adjoining East Madhya Pradesh

The Depression over north Chhattisgarh & adjoining East Madhya Pradesh moved further west-northwestwards during past 06 hours with a speed of 10 kmph and lay centered at 2330 hrs IST of yesterday, the 14th September, 2021 over north Chhattisgarh & adjoining East Madhya Pradesh, near latitude 23.0°N and longitude 82.0°E, about 130 km west of Ambikapur (Chhattisgarh) and about 120 km east-southeast of Umaria (Madhya Pradesh).

It is very likely to weaken into a Well Marked Low Pressure area during next 06 hours and continue to move west-northwestwards across Madhya Pradesh during next 48 hours.

Warnings:

(i) Rainfall

- **15th September:** Light to moderate rainfall at most places: with heavy to very heavy & extremely heavy falls at isolated places very likely over Gujarat State & Madhya Pradesh; heavy to very heavy rainfall at isolated places over north Konkan and heavy rainfall at isolated places over Chhattisgarh, East Uttar Pradesh and East Rajasthan.
- **16th September:** Light to moderate rainfall at most places: with heavy to very heavy rainfall at isolated places very likely over Gujarat State, East Rajasthan and West Madhya Pradesh,

and heavy rainfall at isolated places very likely over east Uttar Pradesh, Haryana, Chandigarh & Delhi, east Madhya Pradesh, east Rajasthan and north Konkan.

(ii) EXPECTED IMPACT & ACTION SUGGESTED: Due to very Heavy/Extremely heavy Rainfall over Gujarat state, West Madhya Pradesh and East Rajasthan.

A. Impact Expected

- Localized Flooding of roads, inundation and water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutchha roads. Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides
- Damage to horticulture and standing crops in some areas due to inundation and strong winds.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of Central Water Commission)

B. Action Suggested

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.
- Follow IMD warnings for updates

The next bulletin will be issued at 0830 hrs IST of today, the 15th September, 2021.

(Krishna Mishra)
Scientist-C, RSMC, New Delhi

Copy to: ACWC Kolkata/ Chennai/Mumbai CWC Bhubaneswar/CWC Visakhapatnam/CWC Ahmedabad/ MC Ranchi/MC Hyderabad/MC Raipur/MC Goa/MC Bhopal

LEGEND: Heavy Rainfall: 64.5 to 115.5mm, **Very Heavy Rainfall:** 115.6 to 204.4mm, **Extremely Heavy Rainfall:** 204.5mm or more. **Many Places:** 51% to 75% of the stations, **Most Places:** more than 76% of total stations, **Isolated Places:** Less than 25% of total stations



OBSERVED AND FORECAST TRACK OF DEPRESSION OVER NORTH CHHATTISGARH & ADJOINING EAST MADHYA PRADESH BASED ON 1800 UTC OF 14TH SEPTEMBER, 2021



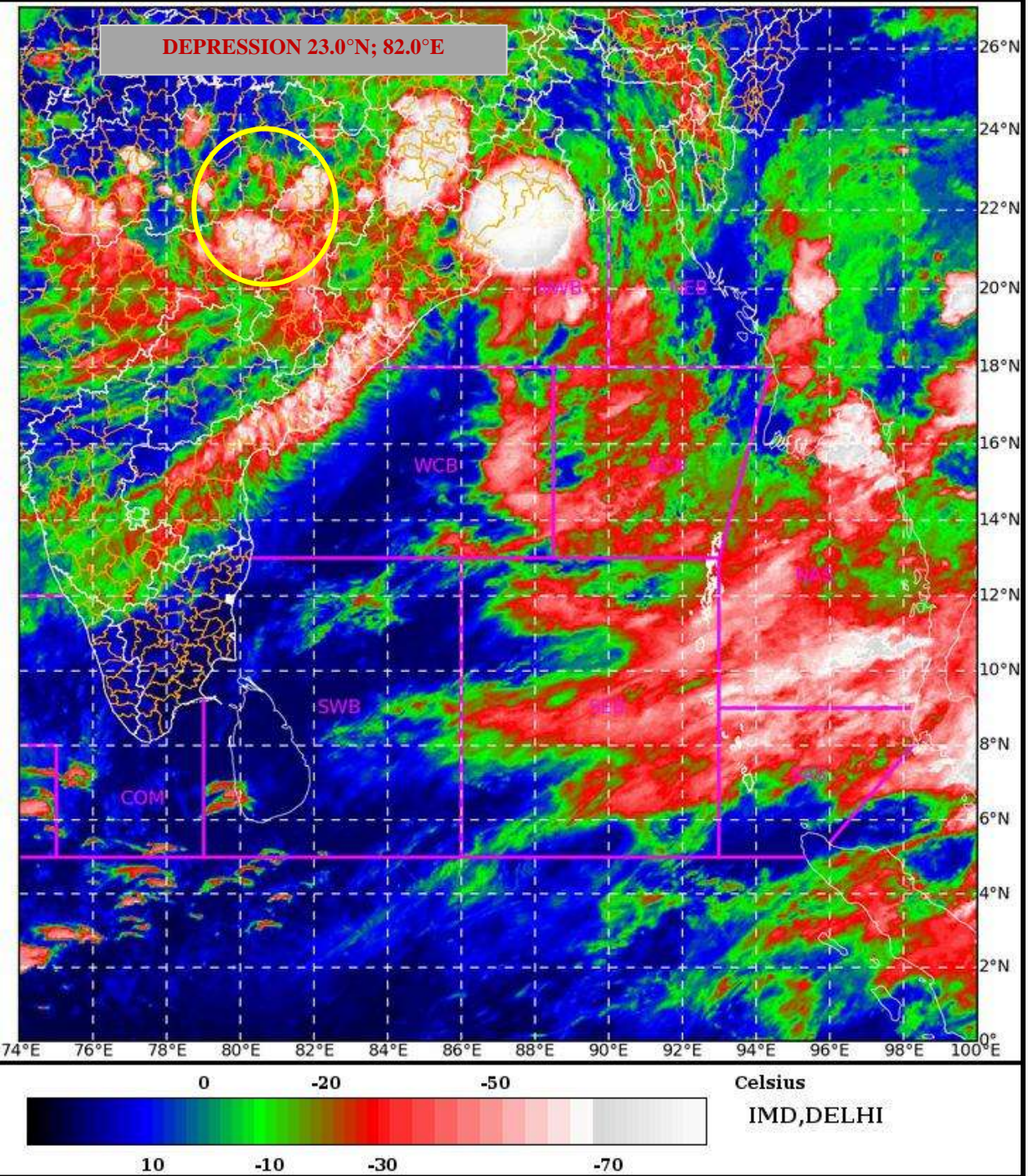
DATE/TIME IN UTC
 IST=UTC + 0530
 L: LOW PRESSURE AREA
 WML: WELL MARKED LOW PRESSURE AREA
 D: DEPRESSION (17-27 KT)
 DD: DEEP DEPRESSION (28-33 KT)
 CS: CYCLONIC STORM (34-47 KT)
 SCS: SEVERE CYCLONIC STORM (48-63KT)
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
 ESCS: EXTREMELY SEVERE CYCLONIC STORM (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

SAT : INSAT-3DR IMG 14-09-2021/(1715 to 1742) GMT

IMG_TIR1_TEMP 10.8 um 14-09-2021/(2245 to 2312) IST

L1C Mercator



Meteorological Sub-division level heavy rainfall warning

