



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

BULLETIN NO. 10 (BOB/06/2022)

TIME OF ISSUE:0800 HOURS IST

DATED: 16.08.2022

FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)

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Sub: Depression over West Madhya Pradesh

The Depression over East Madhya Pradesh moved west-northwestwards with a speed of 33 kmph during last 6 hours and lay centered at 0530 hours IST of today, the 16th August over West Madhya Pradesh near latitude 24.6^oN & longitude 77.3^oE, close to Guna (Madhya Pradesh) and 160 km east-southeast of Kota (Rajasthan).

It is very likely to continue to move west-northwestwards and weaken gradually to a well marked low pressure area during next 12 hours.

Warnings:

Rainfall:

West Madhya Pradesh: Rainfall at most places with heavy to very heavy rainfall at isolated places on 16th August.

East Rajasthan: Rainfall at most places with heavy to very heavy rainfall at isolated places on 16th August.

Gujarat Region: Rainfall at most places with heavy to very heavy rainfall at isolated places on 16th August.

East Madhya Pradesh: Rainfall at many places with heavy rainfall at isolated places very likely on 16th August.

Vidarbha: Rainfall at many places with heavy rainfall at isolated places on 16th August.

System is under continuous surveillance and the next message will be issued at 1130 hours IST of today, the 16th August, 2022.

(Surendra Pratap Singh)
Scientist C, Cyclone Warning Division, New Delhi

Copy to: ACWC Mumbai/ ACWC Kolkata/ ACWC Chennai/ CWC Bhubaneswar/CWC Visakhapatnam/CWC Ahmedabad/ MO Port Blair/MC Raipur/MC Bhopal/MC Hyderabad/RMC Nagpur/MC Goa/MC Bengaluru/CWC Thiruvananthapuram

LEGEND: Heavy Rainfall: 64.5 to 115.5mm, **Very Heavy Rainfall:** 115.6 to 204.4mm **Most Places:** more than 76% of total stations, **Isolated Places:** Less than 25% of total



OBSERVED AND FORECAST TRACK OF DEPRESSION OVER WEST MADHYA PRADESH BASED ON 0000 UTC OF 16th AUGUST, 2022



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 (\geq 120 KT)

● LESS THAN 34 KT

⊙ 34-47 KT

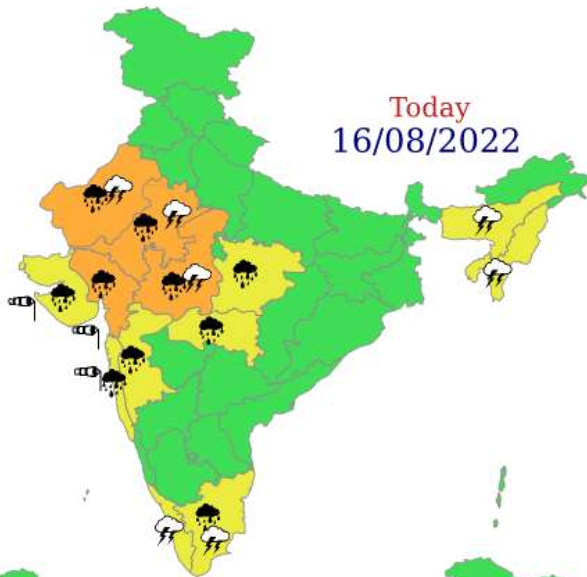
⊙ \geq 48 KT

— OBSERVED TRACK

→ FORECAST TRACK

▲ CONE OF UNCERTAINTY

Today
16/08/2022



WARNING



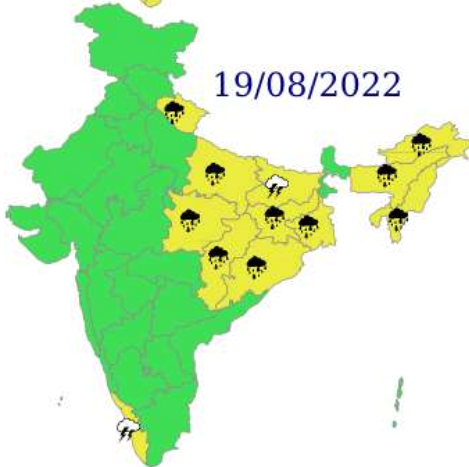
Tomorrow
17/08/2022



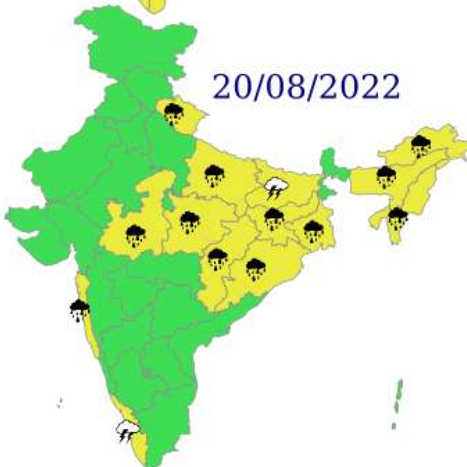
18/08/2022



19/08/2022



20/08/2022



Heavy Rain



Heavy Snow



Thunderstorm



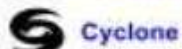
Dust Storm



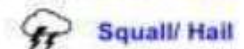
Strong Winds



Visibility



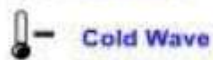
Cyclone



Squall/ Hail



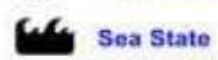
Frost



Cold Wave



Heat Wave



Sea State