



India Meteorological Department

(Ministry of Earth Sciences)

NATIONAL BULLETIN NO.: 14 (BOB/03/2023)

TIME OF ISSUE: 1900 HOURS IST

DATED: 03.08.2023

FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)
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Sub: Depression weakened into a Well Marked Low Pressure Area over north Chhattisgarh & neighbourhood

The Depression over north Chhattisgarh and neighbourhood remained practically stationary and weakened into a Well Marked Low Pressure Area over the same region at 1730 hours IST of today, the 03rd August, 2023.

It is likely to move slowly west-northwestwards towards northeast Madhya Pradesh and adjoining southeast Uttar Pradesh and further weaken into Low Pressure Area during next 24 hours.

Warnings:

(i) Rainfall warning:

East Madhya Pradesh: Light to moderate rainfall at most places with heavy to very heavy rainfall at a few places on 3rd & 4th and isolated extremely heavy rainfall on 3rd August. Heavy rainfall at isolated places is likely on 5th August.

West Madhya Pradesh: Light to moderate rainfall at most places with heavy to extremely heavy rainfall at isolated places on 3rd August. Heavy rainfall at isolated places is likely on 4th August.

Spatial rainfall distribution: Isolated: <25%, A few: 26-50%, Many: 51-75%, Most: 76-100%
Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more.

Chhattisgarh: Light to moderate rainfall at most places with isolated heavy to very heavy rainfall over north Chhattisgarh on 3rd and heavy rainfall at isolated places on 4th August.

South Uttar Pradesh: Light to moderate rainfall at most places with isolated heavy rainfall during 3rd to 6th August.

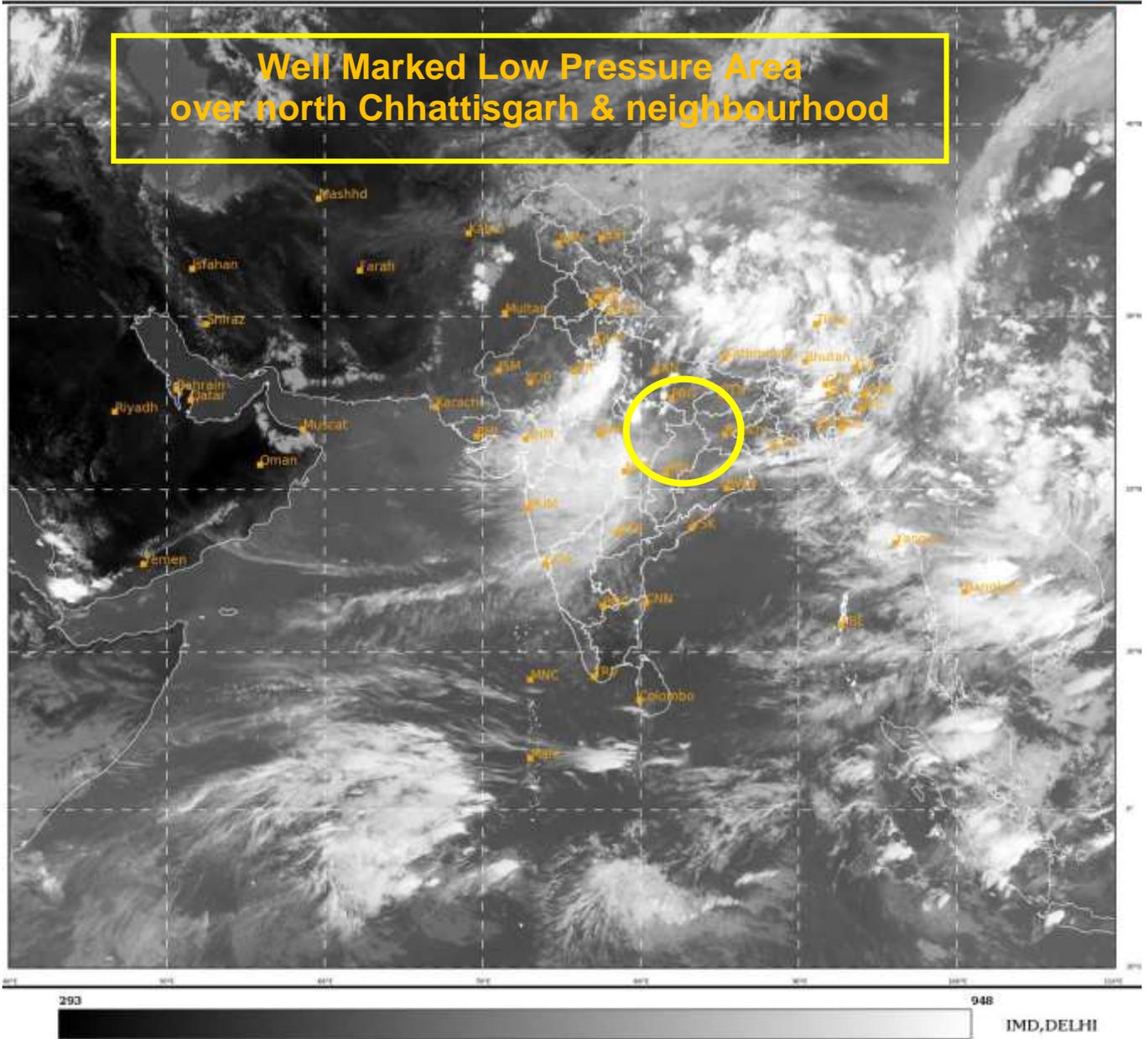
Vidharbha: Light to moderate rainfall at most places with isolated heavy rainfall on 3rd August.

This is the last bulletin in association with this system. However regular weather bulletins shall continue from the respective Meteorological Centres, Regional Meteorological Centres and National Weather Forecasting Centre (NWFC), New Delhi, India Meteorological Department in association with this system.

(Shobhit Katiyar)
Scientist-D, RSMC, New Delhi

Copy to: CRS, Pune/ACWC Kolkata/Chennai/CWC Bhubaneswar/CWC Visakhapatnam/MO Port Blair

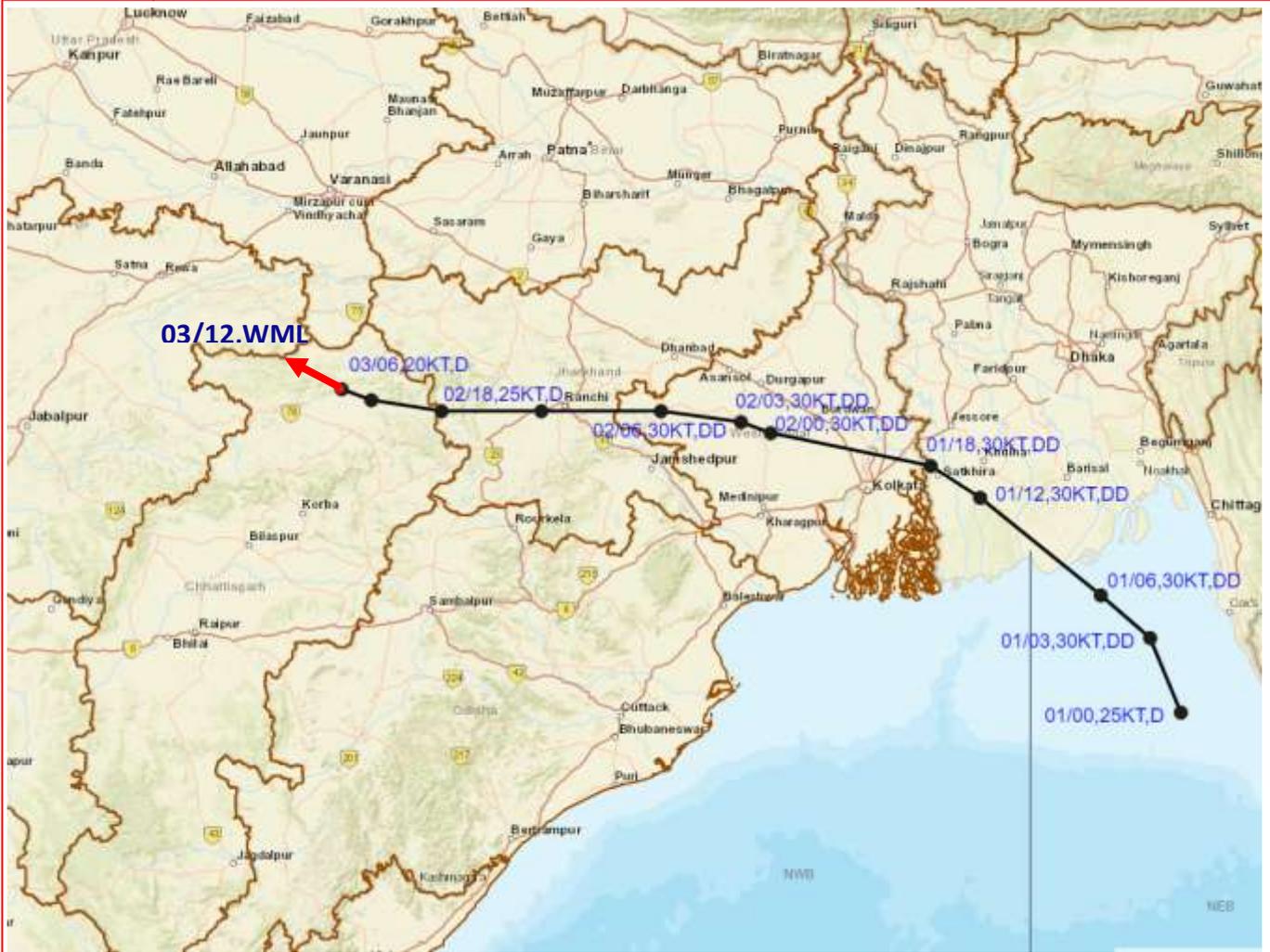
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OBSERVED TRACK OF DEEP DEPRESSION OVER NORTHEAST BAY OF BENGAL FOR THE PERIOD OF 01ST TO 03RD AUGUST 2023.

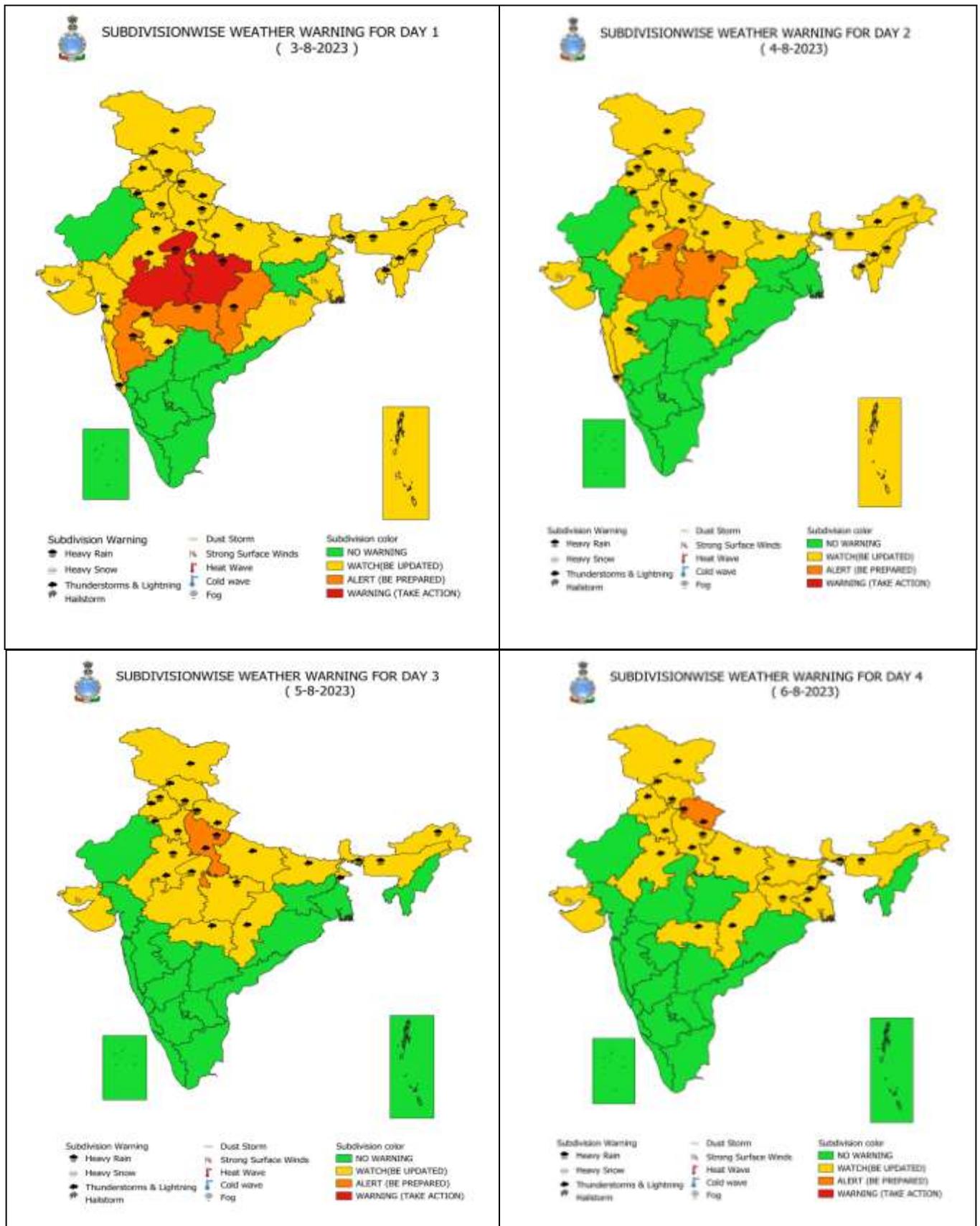


DATE/TIME IN UTC
 IST=UTC + 0530
 L: LOW PRESSURE AREA
 WML: WELL MARKED LOW PRESSURE AREA
 D: DEPRESSION (17-27 KT)
 DD: DEEP DEPRESSION (28-33 KT)
 CS: CYCLONIC STORM (34-47 KT)
 SCS: SEVERE CYCLONIC STORM (48-63KT)
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
 ESCS: EXTREMELY SEVERE CYCLONIC STORM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



WARNING



Spatial rainfall distribution: isolated, 20-30%, few, 30-50%, many, 51-75%, Most: 76-100%
Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more.

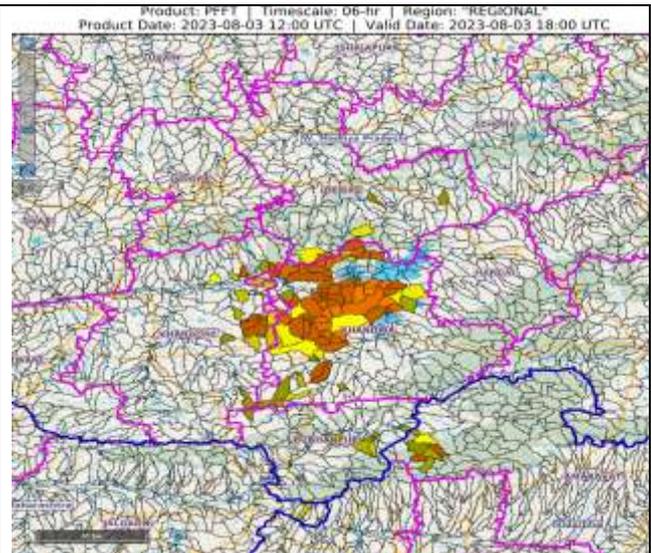
Flash Flood Guidance

Persistent Flash Flood Threat (PFFT) till 2330 IST of 03-08-2023 :

Moderate flash flood threat likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 6 hours.

Vidarbha - Amaravati district.
West Madhya Pradesh - Burhanpur, Dewas, Khandwa and Khargone districts.

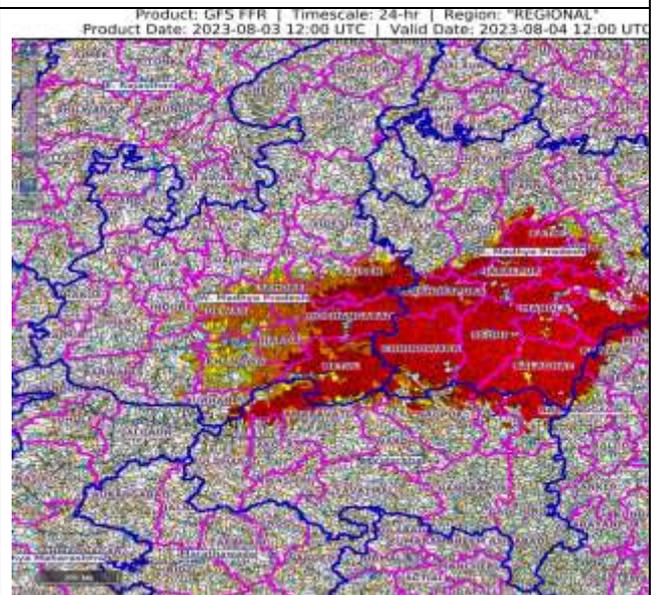
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 6 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 04-08-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of East and West Madhya Pradesh adjoining Vidarbha Met Sub-divisions during next 24 hours.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



Flash Flood Threat	Flash Flood Risk
■ High Threat (Take Action)	■ High Risk (Take Action)
■ Moderate threat (Be Prepared)	■ Moderate Risk (Be Prepared)
■ Low Threat (Be Updated)	■ Low Risk (Be Updated)

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