



India Meteorological Department  
(Ministry of Earth Sciences)

NATIONAL BULLETIN NO. 8 (Land/03/2025)

TIME OF ISSUE: 1400 HOURS IST

DATED: 18.07.2025

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**Subject: Depression over northwest Madhya Pradesh & adjoining Southwest Uttar Pradesh**

The Depression over northwest Madhya Pradesh & adjoining Southwest Uttar Pradesh moved west-northwestwards with a speed of 17 kmph during past 6 hours and lay centred at 1130 hrs IST of today, the 18<sup>th</sup> July, 2025, over the same region, near latitude 26.4°N and longitude 78.0°E, close to south of Morena, 30 km northwest of Gwalior, 30 km south-southeast of Dholpur, 80 km south of Agra and 220 km east-southeast of Jaipur.

It is likely to move west-northwestwards across northwest Madhya Pradesh and east Rajasthan and weaken gradually into a well marked low pressure area during next 24 hours.

**Warnings:**

**(i) Rainfall Warning:**

**West Uttar Pradesh:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places is very likely on 18<sup>th</sup> July.

**East Madhya Pradesh:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places is very likely on 18<sup>th</sup> July.

**West Madhya Pradesh:** Light to moderate rainfall at most places with heavy to **very heavy rainfall** at a few places and **extremely heavy rainfall** at isolated places on 18<sup>th</sup> July and **heavy rainfall** at isolated places on 19<sup>th</sup> July.

**East Rajasthan:** Light to moderate rainfall at most places with heavy to **very heavy rainfall** at a few places on 18<sup>th</sup> & 19<sup>th</sup> July and **extremely heavy rainfall** at isolated places on 18<sup>th</sup> July.

**West Rajasthan:** Light to moderate rainfall at most places with heavy to **very heavy rainfall** at a few places and **extremely heavy rainfall** at isolated places on 18<sup>th</sup> July; **heavy to very heavy rainfall** at isolated places on 19<sup>th</sup> July and heavy rainfall at isolated places on 20<sup>th</sup> July.

**Gujarat:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places over north Gujarat on 18<sup>th</sup> July.

**(ii) Wind Warnings:** Squally wind speed reaching 40-50 kmph gusting to 60 kmph north Madhya Pradesh and adjoining west Uttar Pradesh & east Rajasthan and 30-40 kmph gusting to 50 kmph over adjoining areas of South Haryana is likely to prevail during next 12 hours and decrease gradually thereafter.

**(iii) Impact Expected and Action Suggested due to very heavy/extremely heavy rainfall and squally winds (Uttar Pradesh, Madhya Pradesh, Rajasthan, Gujarat and Haryana)**

**Impact expected:**

- ❖ Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Strong wind and rain may damage plantation, horticulture and standing crops.
- ❖ Partial damage to vulnerable structures due to strong winds and rain.
- ❖ Minor damage to kutcha houses/walls, huts and roads due to heavy rain.
- ❖ Loose objects may fly.
- ❖ Onshore and offshore operations may get affected.
- ❖ Small ships, trawlers and boats may be affected.
- ❖ Road and rail traffic may be affected due to heavy rain and squally winds.
- ❖ There could be localised landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Helicopter services may get affected.

**Action suggested:**

- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- ❖ In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- ❖ Tourism and recreational activities to be regulated.
- ❖ Onshore and offshore activities to be judiciously regulated.
- ❖ Helicopter services to be regulated.

**Significant rainfalls accumulated in past 24 hrs recorded at 0830 hrs IST of today, the 18<sup>th</sup> July, 2025 are given in Annexure-I**

**Next bulletin will be issued at 2030 hrs IST of today, the 18<sup>th</sup> July, 2025.**

**(Ananda Kumar Das)**

**Scientist-F, IMD, New Delhi**

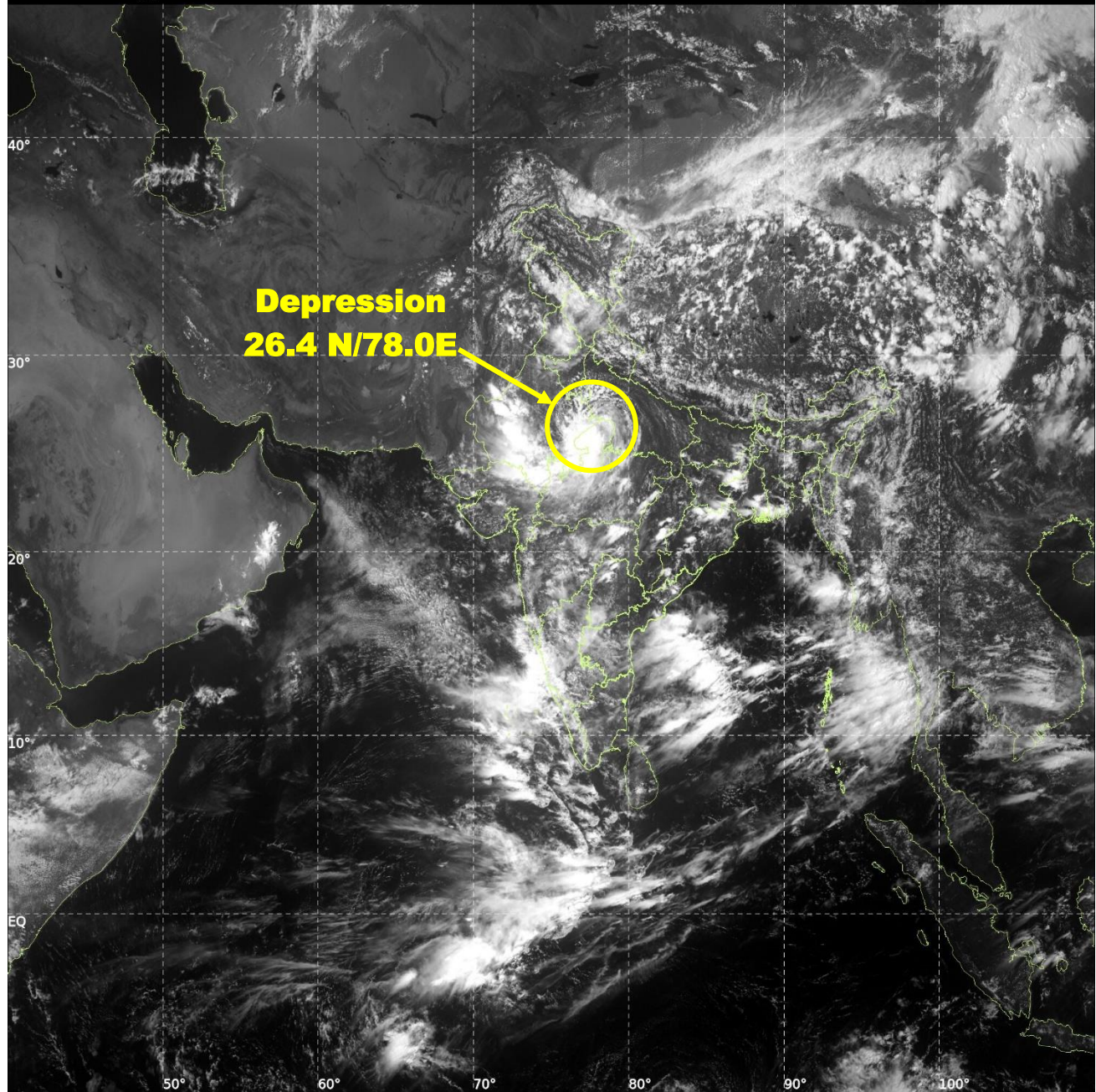
*Copy to: Meteorological Centres- Lucknow, Bhopal, Jaipur, Delhi, Chandigarh, Ahmedabad.*



INSAT-3DS IMG, Visible Count @ 0.65  $\mu\text{m}$   
GMT:18-07-2025/(0730-0757) IST:18-07-2025/(1300-1327)  
L1C MERCATOR (LINEAR STRETCH: 0.5%)

64

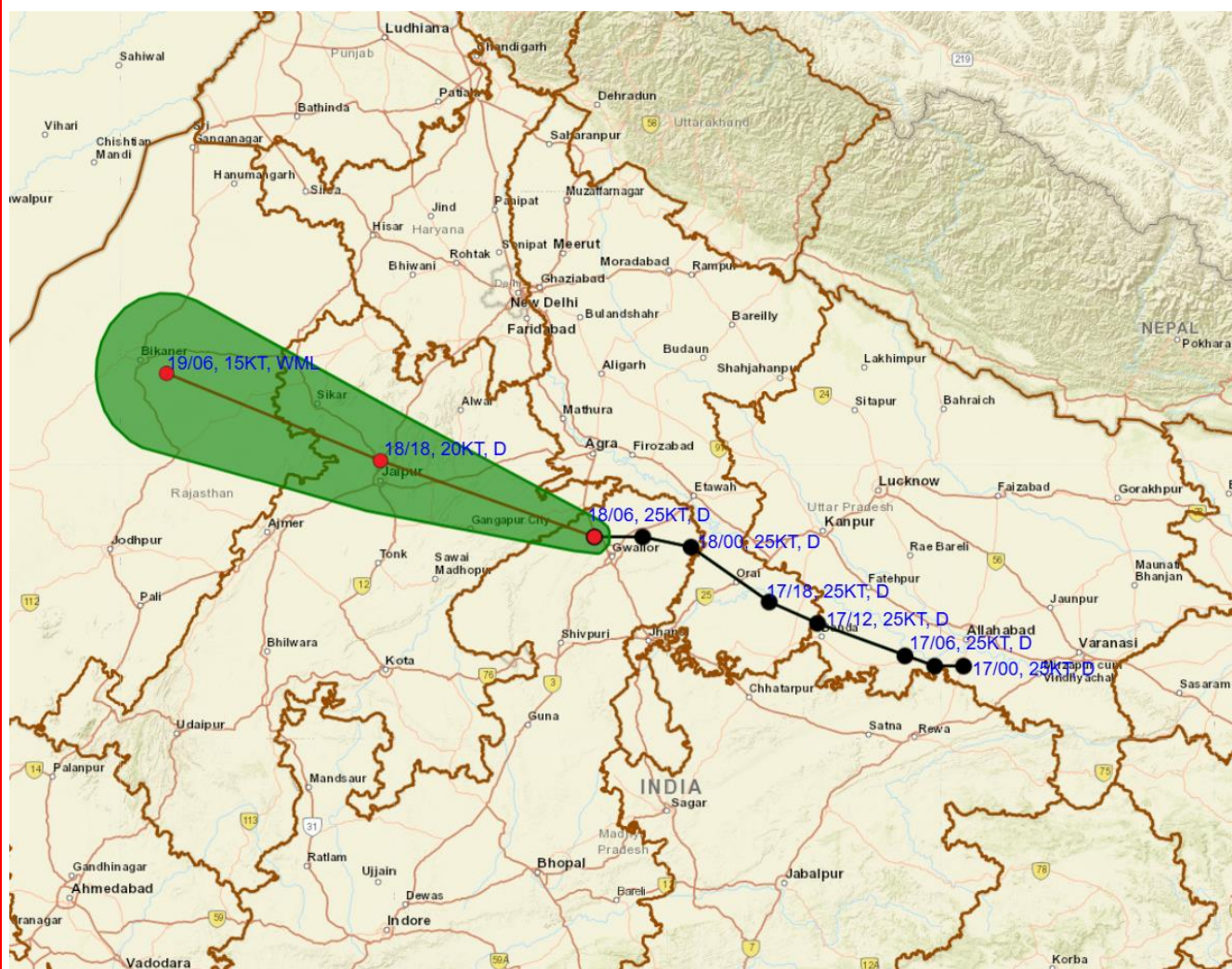
440







**OBSERVED AND FORECAST TRACK ALONG WITH CONE OF UNCERTAINTY OF  
LAND DEPRESSION OVER NORTHWEST MADHYA PRADESH AND ADJOINING  
SOUTHWEST UTTAR PRADESH AT 1130 HRS. IST (0600 UTC) OF 18<sup>th</sup> JULY 2025**



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)

1KT=1.85 KMPH



LESS THAN 34 KT



34-47 KT



≥ 48 KT



OBSERVED TRACK

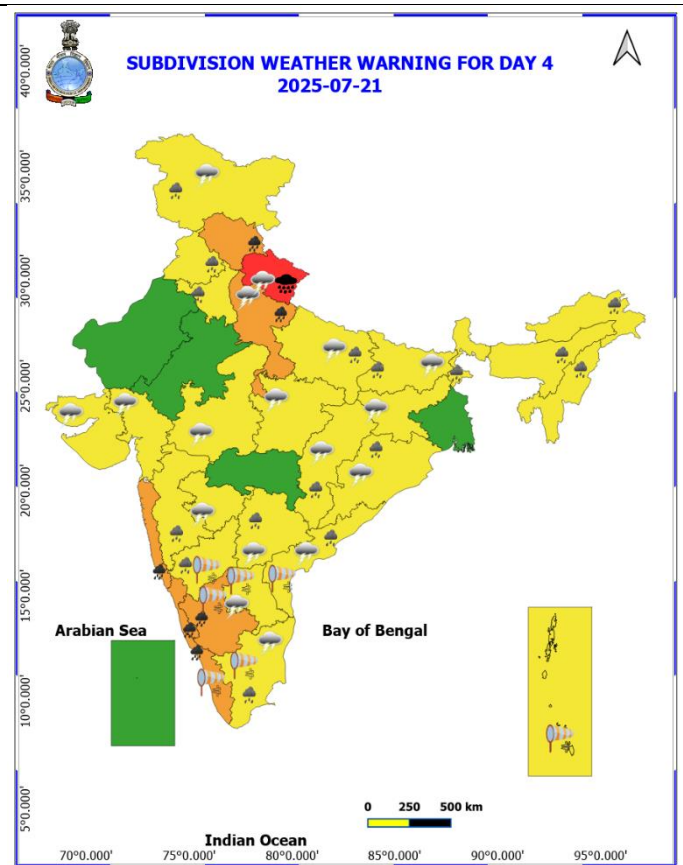
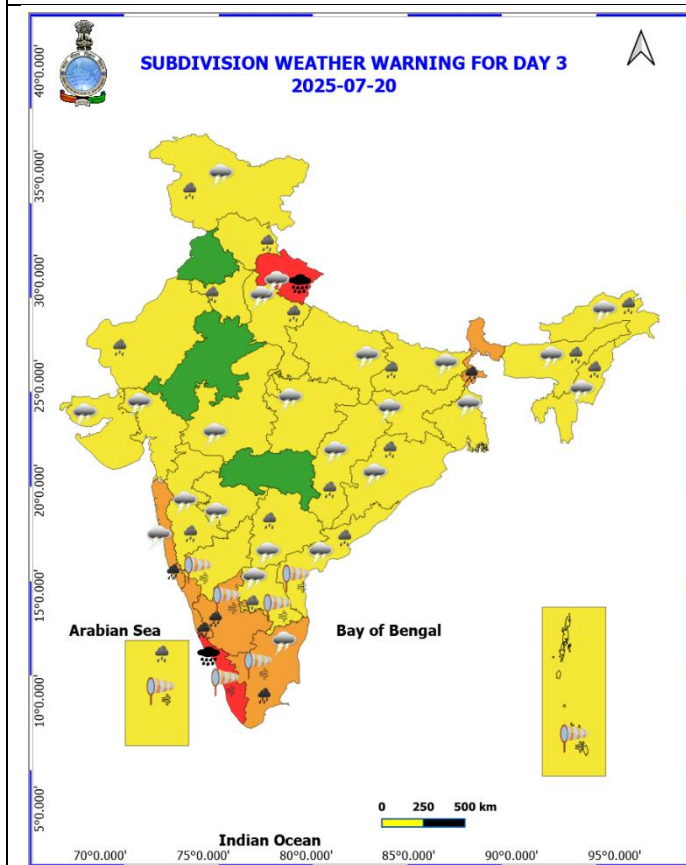
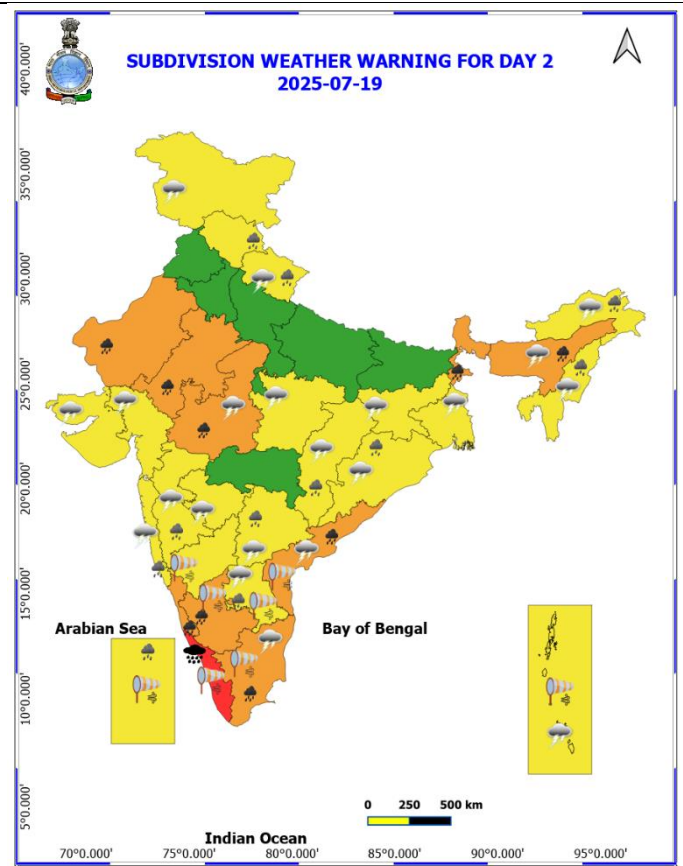
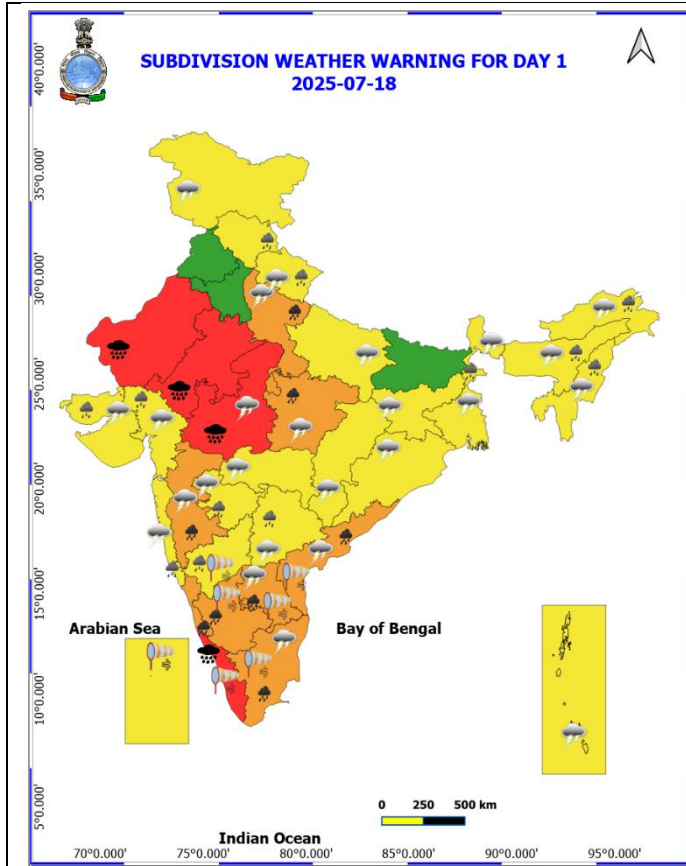


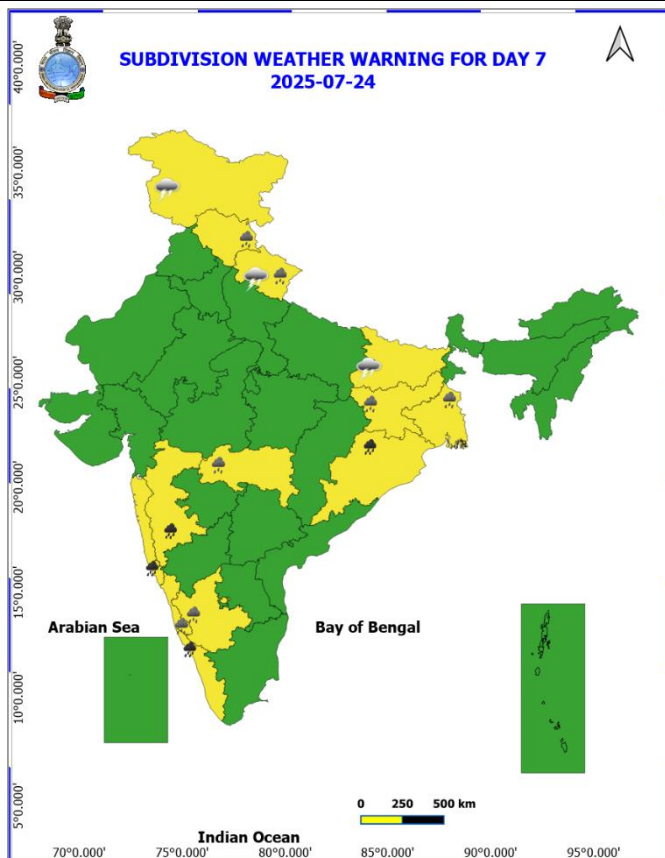
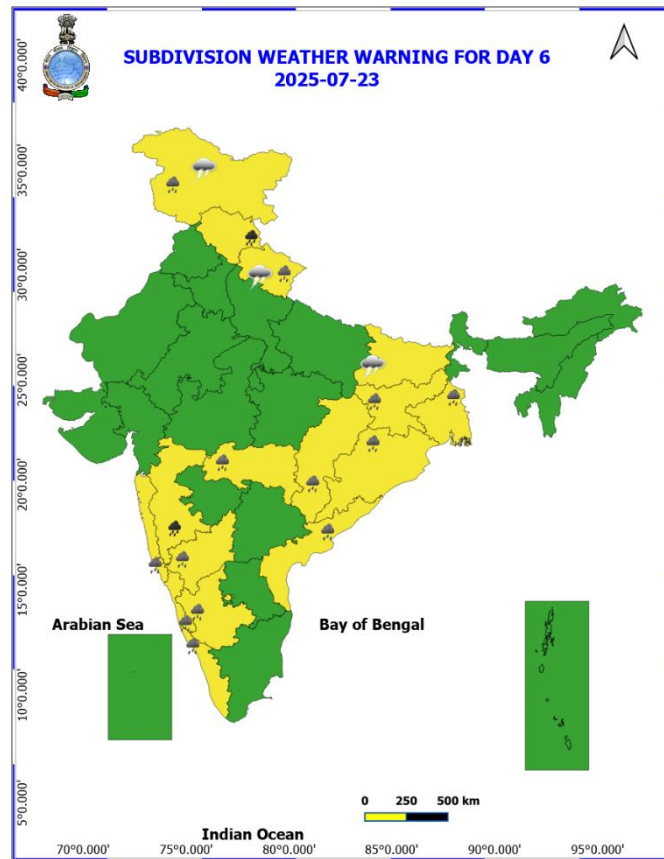
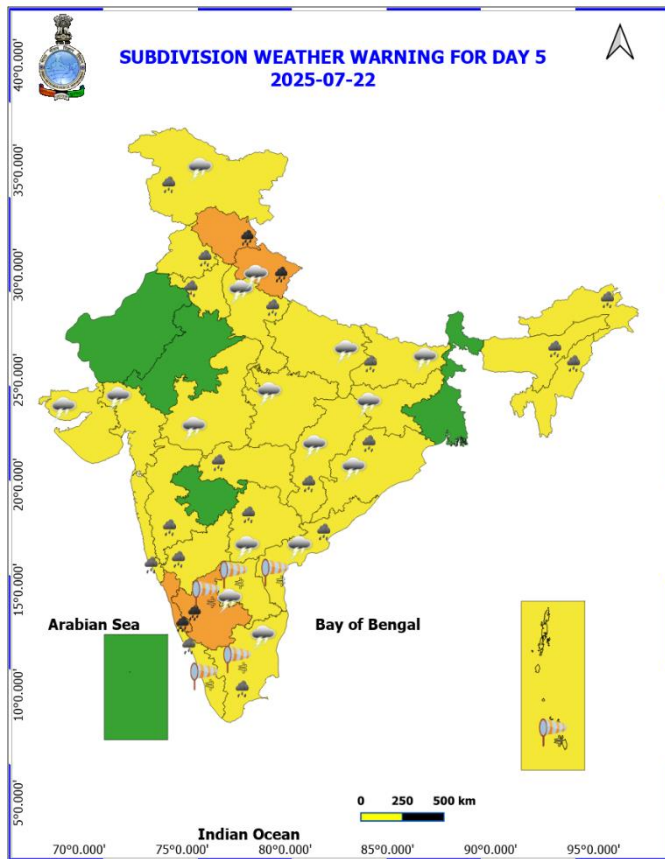
FORECAST TRACK



CONE OF UNCERTAINTY

# Weather Warning Graphics





Fog
 Heavy Rain
 Very Heavy Rain
 Extremely Heavy Rain
 Thunder & Lightning
 Hailstorm
 Dust Raising Winds

Heavy Snow
 Dust Storm
 Heat Wave
 Warm Night
 Hot Day
 Hot & Humid

Cold Wave
 Cold Day
 Ground Frost
 Warm Night
 Hot Day
 Strong Surface Winds

**COLOUR CODED WARNING**

|                                    |
|------------------------------------|
| No Warning (No Action)             |
| Watch (Be Aware)                   |
| Alert (Be Prepared To Take Action) |
| Warning (Take Action)              |

**Probabilistic Forecast**

| Terms       | Probability of Occurrence (%) |
|-------------|-------------------------------|
| Unlikely    | < 25                          |
| Likely      | 25 - 50                       |
| Very Likely | 50 - 75                       |
| Most Likely | > 75                          |

\* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".  
Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.  
For more details, kindly visit <https://mausam.india.gov.in> or contact: 011-2434-4599  
(Service to the Nation since 1875)



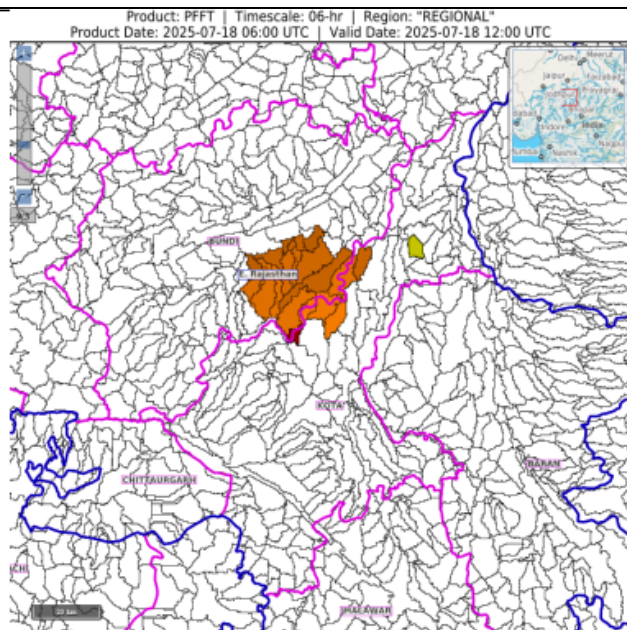
## Flash Flood Guidance

### **Persistent Flash Flood Threat (PFFT) till 1730 IST of 18-07-2025 :**

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

**East Rajasthan** – Bundi and Kota districts

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



### **24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 19-07-2025 :**

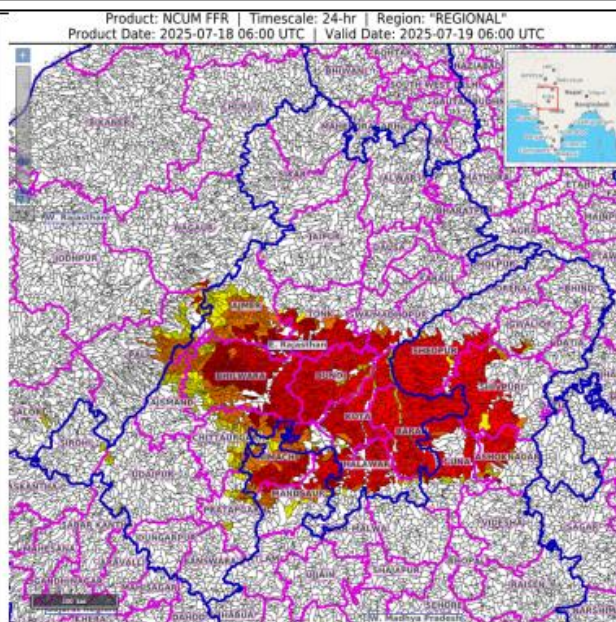
**Moderate flash flood risk** likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

**East Rajasthan** - Ajmer, Baran, Bundi, Bhilwara, Chittaurgarh, Jhalawar, Tonk, Swaimadhopur, Rajsamnd and Kota districts.

**West Rajasthan** – Pali and Nagaur districts

**West Madhya Pradesh** - Ashoknagar, Guna, Gwalior, Sheopur, Shivpuri, Neemach, Mandasaur districts.

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



| Flash Flood Threat                                                                                                                                              | Flash Flood Risk                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <span style="display: inline-block; width: 20px; height: 10px; background-color: red; border: 1px solid black;"></span> <b>High Threat (Take Action)</b>        | <span style="display: inline-block; width: 20px; height: 10px; background-color: red; border: 1px solid black;"></span> <b>High Risk (Take Action)</b>        |
| <span style="display: inline-block; width: 20px; height: 10px; background-color: orange; border: 1px solid black;"></span> <b>Moderate threat (Be Prepared)</b> | <span style="display: inline-block; width: 20px; height: 10px; background-color: orange; border: 1px solid black;"></span> <b>Moderate Risk (Be Prepared)</b> |
| <span style="display: inline-block; width: 20px; height: 10px; background-color: yellow; border: 1px solid black;"></span> <b>Low Threat (Be Updated)</b>       | <span style="display: inline-block; width: 20px; height: 10px; background-color: yellow; border: 1px solid black;"></span> <b>Low Risk (Be Updated)</b>       |

## Annexure -I

**Significant rainfall recorded (in cm) from 0830 hours IST of yesterday to 0830 hours IST of today, the 18<sup>th</sup> July, 2025:**

**EAST MADHYA PRADESH:** Chahtarpur-aws (Chhatarpur) 31, Gaurihar (Chhatarpur) 27, Palera (Tikamgarh) 23, Lavkushnagar (Chhatarpur) 19, Rajnagar (Chhatarpur) 18, Ajaigarh (Panna) 17, Khajuraho Aero (Chhatarpur) 15, Satna (raghurajnagar) (Satna) 14, Sohawal (Satna) 14, Birsingpur (Satna) 14, Nowgong (Chhatarpur) 13, Amarpatan (Satna) 13, Jatara (Tikamgarh) 13, Mohangarh (Tikamgarh) 13, Badamalhera (Chhatarpur) 13, Sirmaur (Rewa) 12, Nagode (Satna) 11, Majhgaon (Satna) 11, Panna-aws (Panna) 11, Khargapur (Tikamgarh) 11, Devendranagar (Panna) 10, Naigarhi (Rewa) 10, Amanganj (Panna) 9, Bijawar (Chhatarpur) 9, Gonour (Panna) 9, Raipurkarchuliyan (Rewa) 9, Rampur Baghelan (Satna) 9, Tikamgarh-aws (Tikamgarh) 9, Mangawan (Rewa) 9, Semariya (Rewa) 7, Baldevgarh (Tikamgarh) 7, Hanumana (Rewa) 7, Pawai (Panna) 7, Bilhari (Katni) 7, Teonthar (Rewa) 7, Badagaon Dhasan (Tikamgarh) 7, Orchha (Niwari) 7,

**WEST MADHYA PRADESH:** Bhanpura (Mandsaur) 18, Datia-aws (Datia) 13, Indergarh (Datia) 12, Bhandar (Datia) 10, Seodha(seondha) (Datia) 9, Mau (Bhind) 9, Guna-aws (Guna) 7, Khilchipur (Rajgarh) 7

**EAST RAJASTHAN:** Sangod (Kota) 17, Atru Sr (Baran) 8, Nasirabad (Ajmer) 8, Ajmer (Ajmer) 8, Mandana Sr (Kota) 8, Mangrol (Baran) 8, Ajmer Tehsil Sr (Ajmer) 7,

**WEST RAJASTHAN:** Pilibanga Sr (Hanumangarh) 11, Bhadra (Hanumangarh) 7, Degana (Nagaur) 7,

**EAST UTTAR PRADESH:** Chilaghat (Banda)-21, Attarra (Banda)-20, Banda (Banda) 15,

**WEST UTTAR PRADESH:** Kulpahar (Mahoba) 17, Hamirpur Obsy (Hamirpur) 10, Talbehat (Lalitpur) 8,