



India Meteorological Department  
(Ministry of Earth Sciences)

NATIONAL BULLETIN NO. 4 (Land/03/2025)

TIME OF ISSUE: 2030 HOURS IST

DATED: 17.07.2025

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**Subject: Depression over central parts of South Uttar Pradesh**

The Depression over Southeast Uttar Pradesh and adjoining northeast Madhya Pradesh moved west-northwestwards with a speed of 18 kmph during past 6 hours and lay centred at 1730 hrs IST of today, the 17<sup>th</sup> July, 2025, over central parts of South Uttar Pradesh, near latitude 25.6°N and longitude 80.3°E, 20 km north-northwest of Banda, 40 km south-southeast of Hamirpur, 90 km east-southeast of Orai and 160 km southeast of Etawah.

It is likely to move west-northwestwards across south Uttar Pradesh and adjoining northwest Madhya Pradesh during next 24 hours.

**Warnings:**

**(i) Rainfall Warning:**

**East Uttar Pradesh:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places with **extremely heavy rainfall ( $\geq 21$  cm)** at isolated places is very likely on 17<sup>th</sup> July and **very heavy rainfall** at isolated places on 18<sup>th</sup> July.

**West Uttar Pradesh:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places with **extremely heavy rainfalls ( $\geq 21$  cm)** at isolated places is very likely on 17<sup>th</sup> July; **heavy to very heavy rainfall** at isolated places on 18<sup>th</sup> July and **heavy rainfall** at isolated places on 19<sup>th</sup> July.

**East Madhya Pradesh** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places with **extremely heavy rainfall ( $\geq 21$  cm)** at isolated places is very likely on 17<sup>th</sup> July and **heavy rainfall** at isolated places 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 with **extremely heavy rainfall ( $\geq 21$  cm)** at isolated places is very likely on 17<sup>th</sup> & 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 isolated places is very likely on 17<sup>th</sup> July; heavy to **very heavy rainfall** at a few places with **extremely heavy rainfall** at isolated places on 18<sup>th</sup> July and **heavy rainfall** at isolated places on 19<sup>th</sup> July.

**West Rajasthan:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places is very likely on 17<sup>th</sup> July; **heavy to very heavy rainfall** at a few places with **extremely heavy rainfall** at isolated places on 18<sup>th</sup> July and **heavy rainfall** at isolated places on 19<sup>th</sup> July.

**Jharkhand:** Light to moderate rainfall at most places with **heavy rainfall** is very likely at isolated places on 17<sup>th</sup> July.

**Bihar:** Light to moderate rainfall at most places with **heavy rainfall** is very likely at isolated places during on 17<sup>th</sup> July.

**Chhattisgarh:** Light to moderate rainfall at most places with **heavy rainfall** is very likely at isolated places on 17<sup>th</sup> July.

**(ii) Wind Warnings:** Squally wind speed reaching 40-50 kmph gusting to 60 kmph over south Uttar Pradesh & adjoining north Madhya Pradesh and 30-40 kmph gusting to 50 kmph over adjoining areas of Bihar, Chhattisgarh & west Jharkhand is likely to prevail during next 24 hours and decrease thereafter.

**(iii) Impact Expected and Action Suggested due to very heavy/extremely heavy rainfall and squally winds (Uttar Pradesh, Madhya Pradesh, Bihar, Jharkhand and Chhattisgarh)**

**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 from 0830 to 1730 hrs IST of today, the 17<sup>th</sup> July, 2025 are given in Annexure-I**

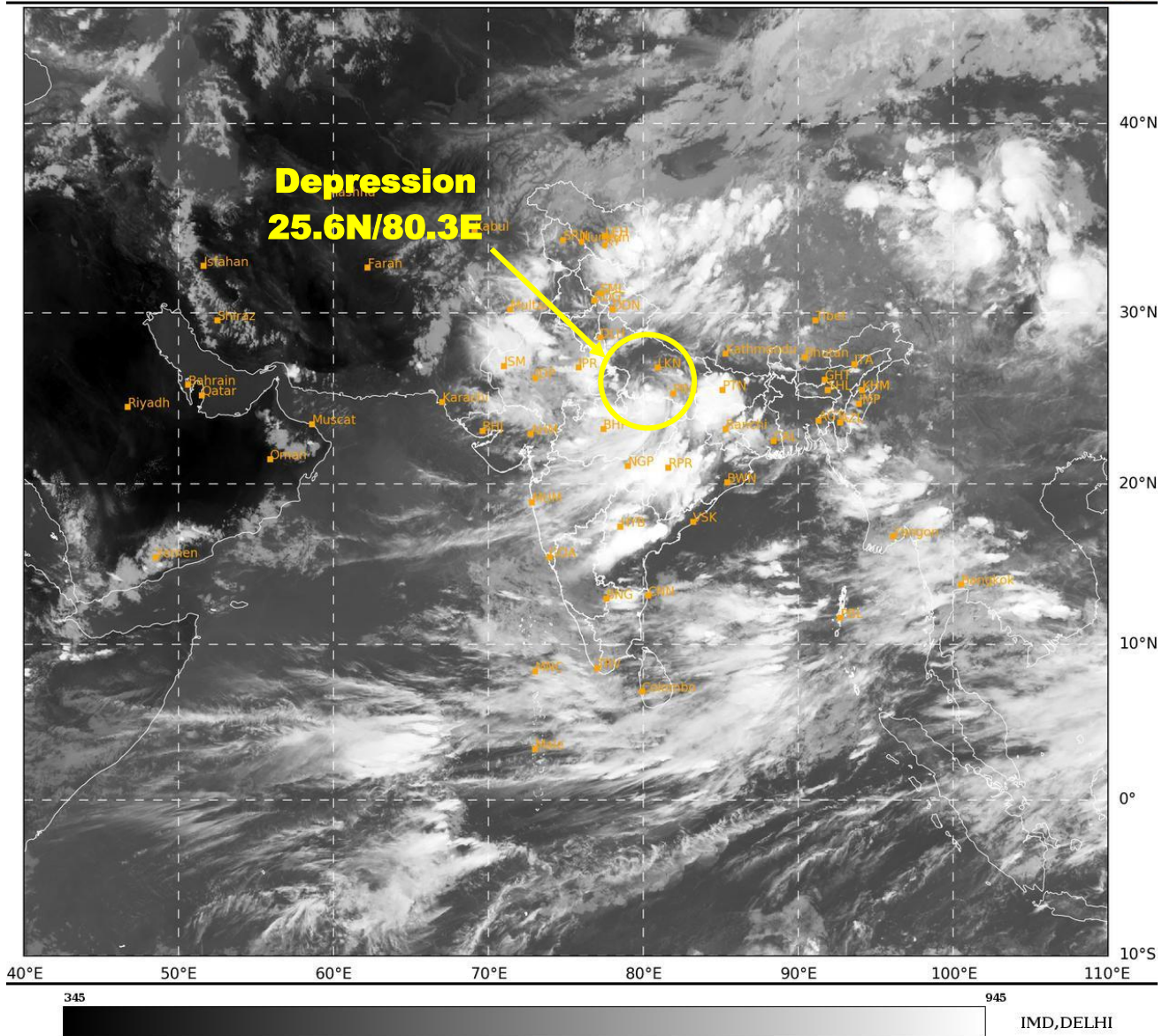
**Next bulletin will be issued at 0230 hrs IST of tomorrow, the 18<sup>th</sup> July, 2025.**

**(Ananda Kumar Das)**  
**Scientist-F, IMD, New Delhi**

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

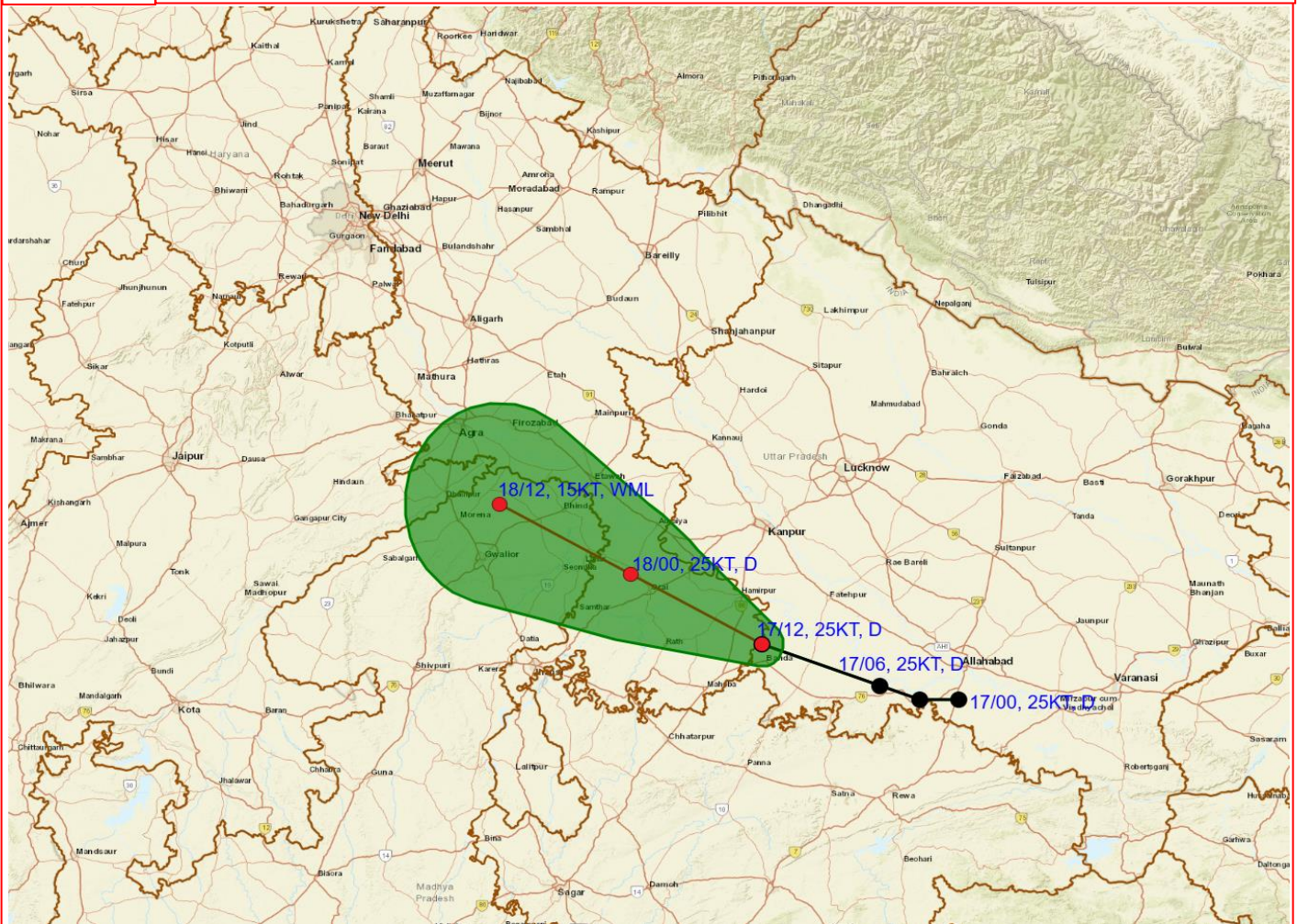
SAT : INSAT-3DR IMG  
IMG\_TIR1 10.8 um  
L1C Mercator

17-07-2025/(1315 to 1342) GMT  
17-07-2025/(1845 to 1912) IST





# OBSERVED AND FORECAST TRACK OF LAND DEPRESSION OVER CENTRAL PARTS OF SOUTH UTTAR PRADESH AT 1730 HRS. IST (1200 UTC) OF 17<sup>th</sup> JULY 2025

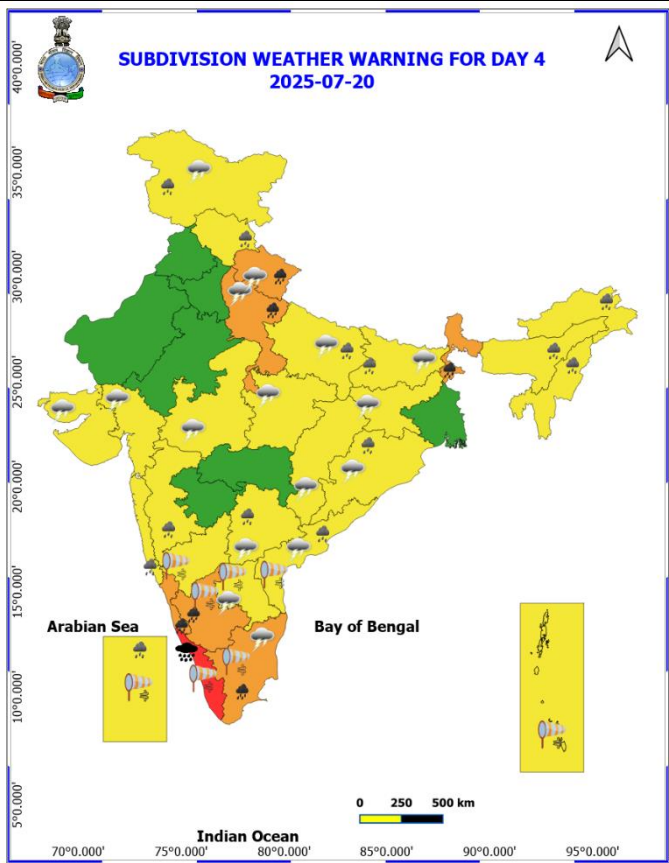
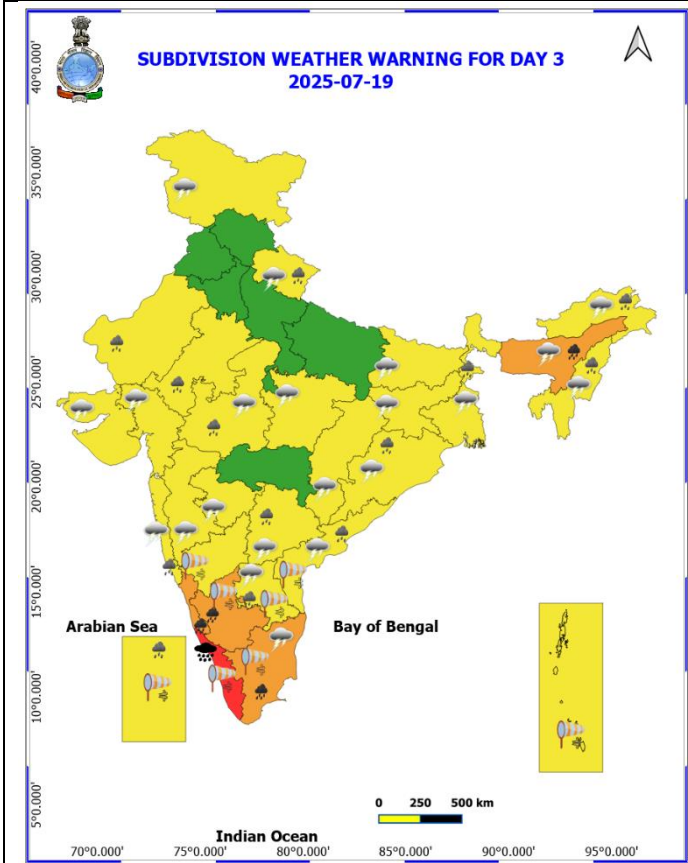
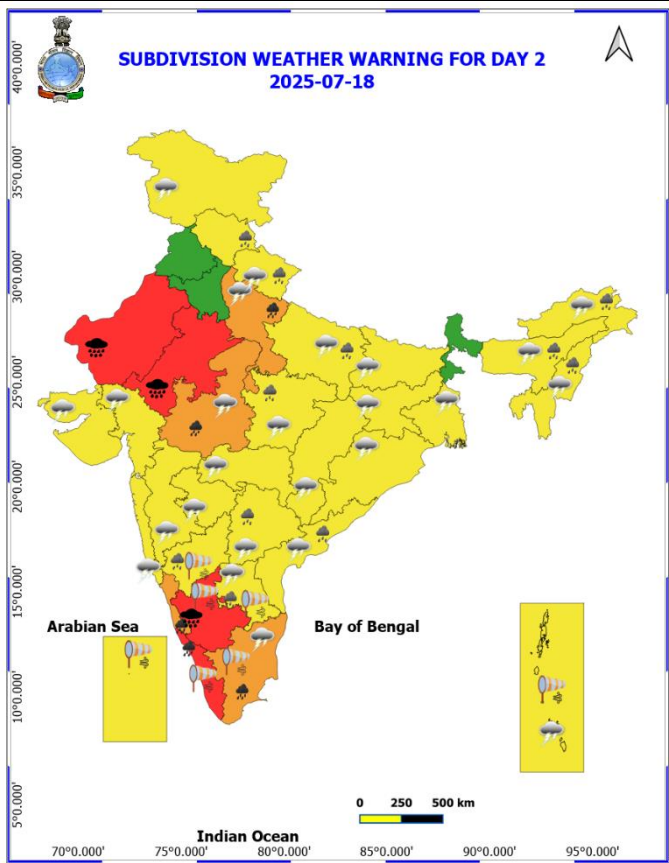
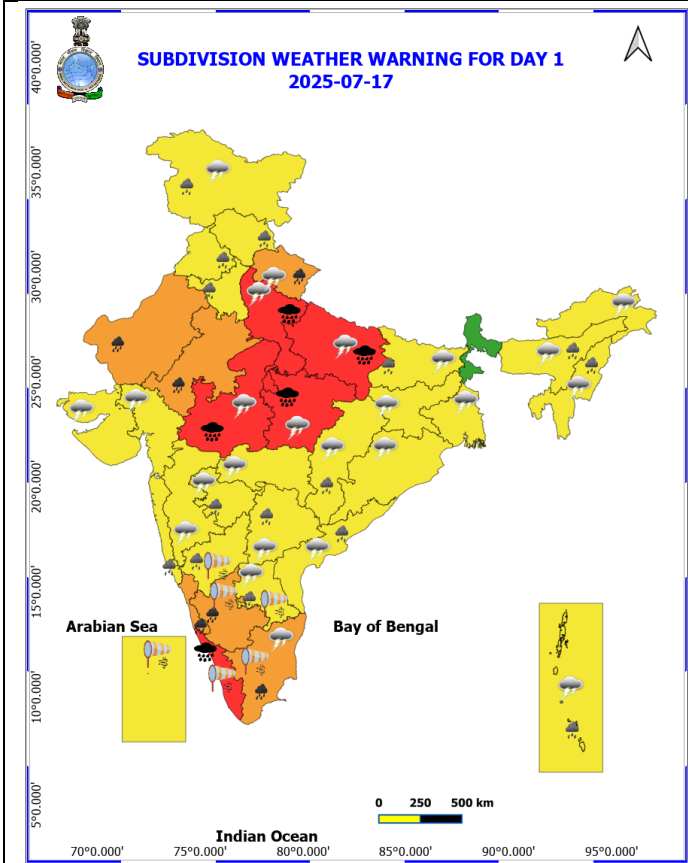


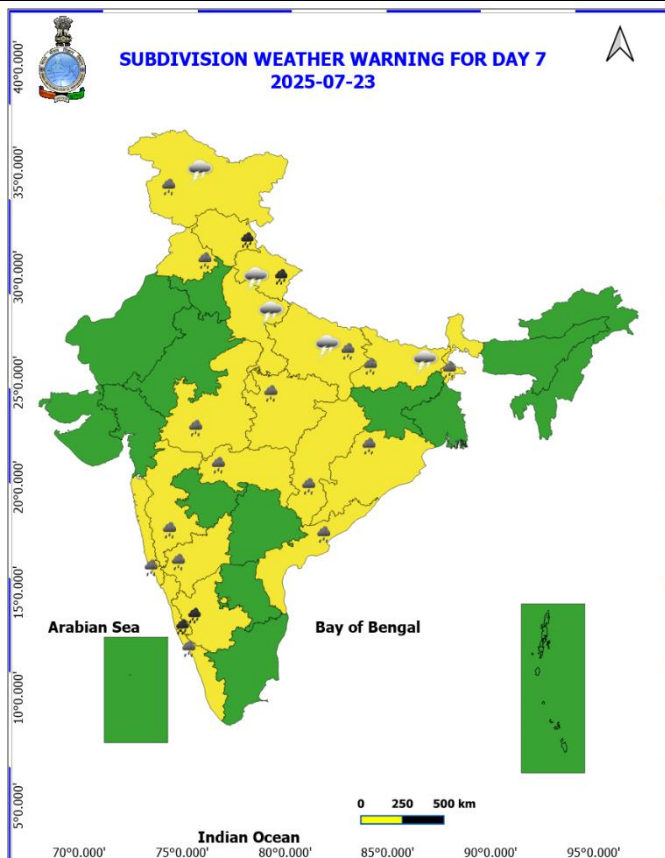
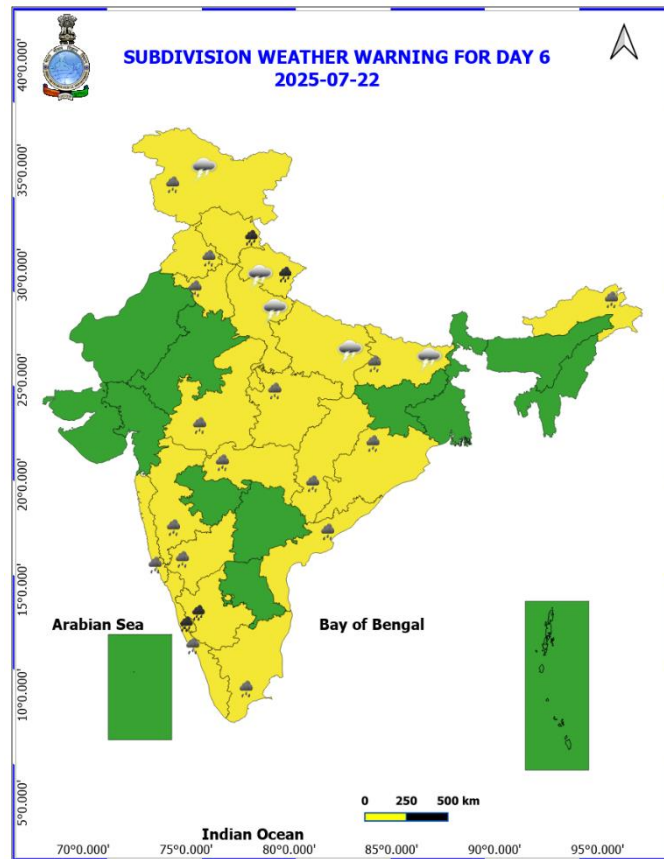
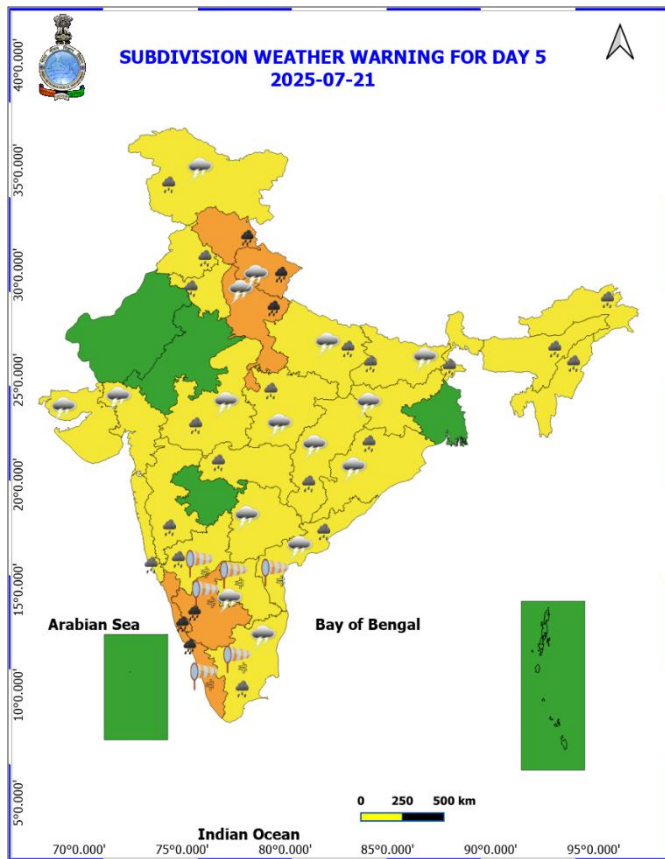
DATE/TIME IN UTC  
IST=UTC + 0530  
L: LOW PRESSURE AREA  
WML: WELL MARKED LOW PRESSURE AREA  
D: DEPRESSION (17-27 KT)  
DD: DEEP DEPRESSION (28-33 KT)  
CS: CYCLONIC STORM (34-47 KT)  
SCS: SEVERE CYCLONIC STORM (48-63KT)  
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)  
ESCS: EXTREMELY SEVERE CYCLONIC 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 Snow	Cold Wave
Heavy Rain	Dust Storm	Cold Day
Very Heavy Rain	Heat Wave	Ground Frost
Extremely Heavy Rain	Warm Night	
Thunder & Lightning	Hot Day	
Hailstorm	Hot & Humid	
Dust Raising Winds	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 0030 hours IST of day till 0030 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)

- Action may be taken based on **ORANGE AND RED** COLOUR warnings.
- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.

As the lead period increases forecast accuracy decreases.

## Flash Flood Guidance

### **24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 18-07-2025 :**

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

**East Rajasthan** - Baran, Bundi, Jhalawar and Kota districts.

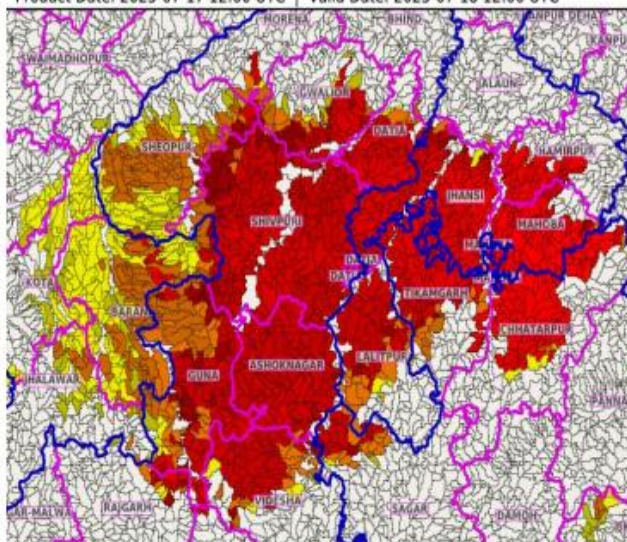
**West Uttar Pradesh** - Hamirpur, Jalaun, Jhansi, Lalitpur and Mahoba districts.

**East Madhya Pradesh** - Chhatarpur, Katni, Sagar and Tikamgarh districts.

**West Madhya Pradesh** - Ashoknagar, Datia, Guna, Gwalior, Morena, Rajgarh, Sheopur, Shivpuri and Videsha 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.

Product: NCUM FFR | Timescale: 24-hr | Region: "INDIA"  
Product Date: 2025-07-17 12:00 UTC | Valid Date: 2025-07-18 12:00 UTC



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 to 1730 hours IST of today, the 17<sup>th</sup> July, 2025:**

East Madhya Pradesh: Rewa (Rewa KVK) 16, Satna (dist Satna) 9, Rewa (dist Rewa) 6, Tikamgarh-obs (dist Tikamgarh), Khajuraho (dist Chhatarpur) 4 Each;

West Madhya Pradesh: Guna (Aron KVK) 15;

East Uttar Pradesh: Banda (dist Banda), Allahabad (dist Prayagraj) 5 Each;