



India Meteorological Department
(Ministry of Earth Sciences)

NATIONAL BULLETIN NO. 5 (Land/03/2025)

TIME OF ISSUE: 0145 HOURS IST

DATED: 18.07.2025

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Subject: Depression over central parts of South Uttar Pradesh

The Depression over Central Parts of South Uttar Pradesh moved west-northwestwards with a speed of 08 kmph during past 6 hours and lay centred at 2330 hrs IST of yesterday, the 17th July, 2025, over the same region, near latitude 25.8°N and longitude 79.8°E, 40 km west-southwest of Hamirpur, 40 km southeast of Orai, 70 km west-northwest of Banda and 110 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 (≥ 21 cm)** at isolated places is very likely on 17th July and **very heavy rainfall** at isolated places on 18th 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 (≥ 21 cm)** at isolated places is very likely on 17th July; **heavy to very heavy rainfall** at isolated places on 18th July and **heavy rainfall** at isolated places on 19th 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 (≥ 21 cm)** at isolated places is very likely on 17th July and **heavy rainfall** at isolated places on 18th 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 (≥ 21 cm)** at isolated places is very likely on 17th & 18th July and **heavy rainfall** at isolated places on 19th July.

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

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

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

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

Chhattisgarh: Light to moderate rainfall at most places with **heavy rainfall** is very likely at isolated places on 17th 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 17th July, 2025 are given in Annexure-I

Next bulletin will be issued at 0830 hrs IST of today, the 18th July, 2025.

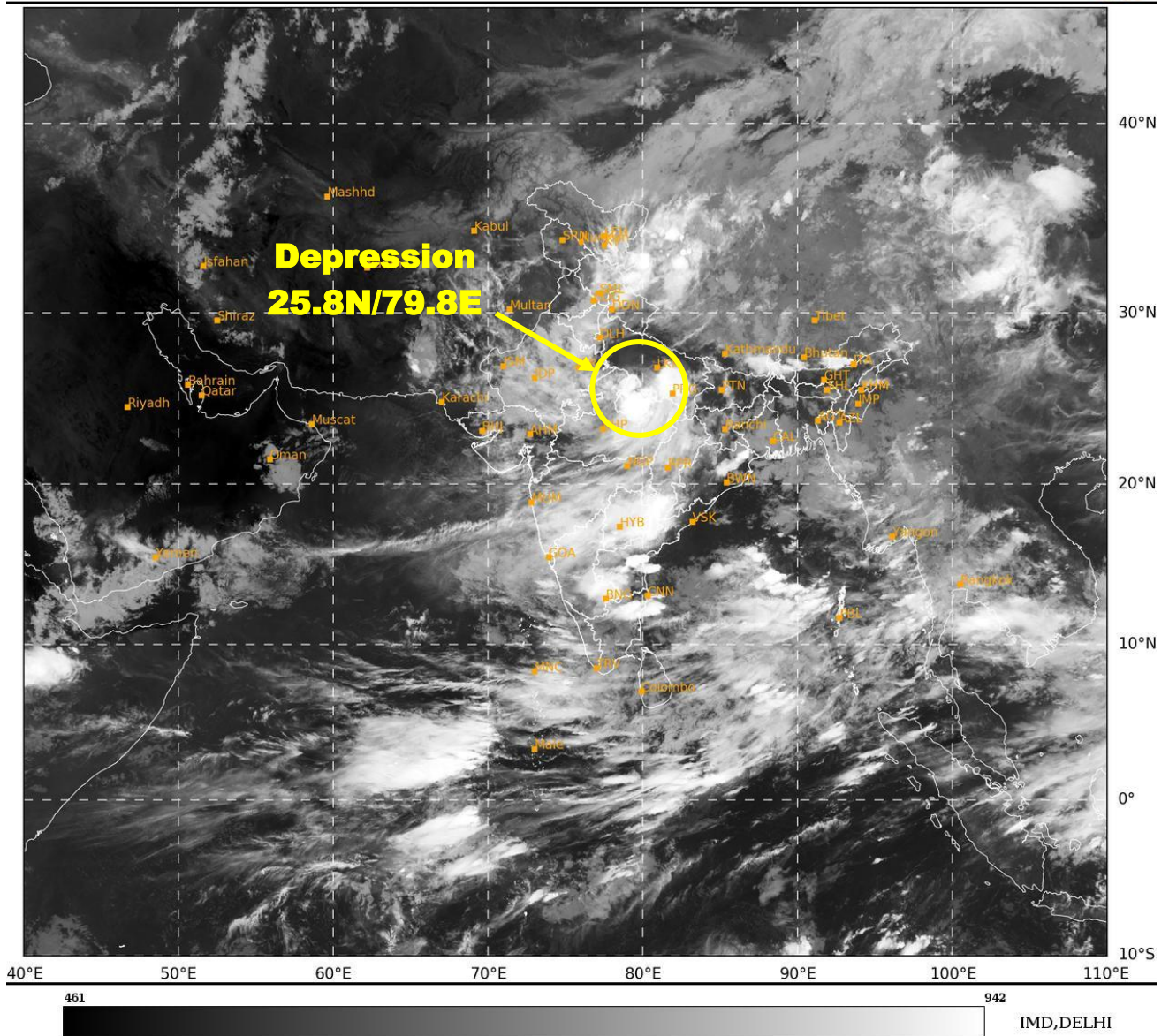
(TRISANU BANIK)

Scientist-D, IMD, New Delhi

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

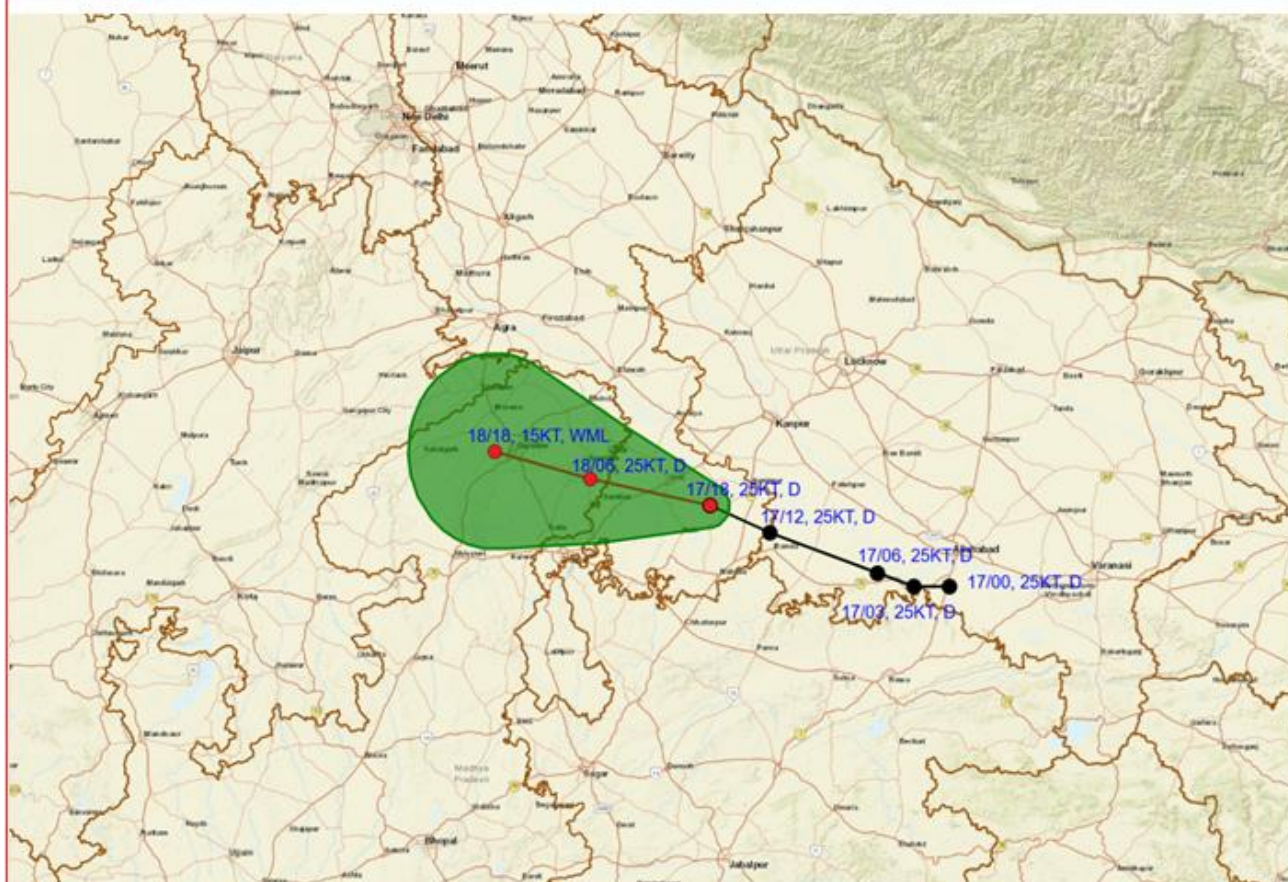
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

17-07-2025/(1845 to 1912) GMT
18-07-2025/(0015 to 0042) IST





OBSERVED AND FORECAST TRACK OF LAND DEPRESSION OVER CENTRAL PARTS OF SOUTH UTTAR PRADESH AT 2330 HRS. IST (1800 UTC) OF 17th 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

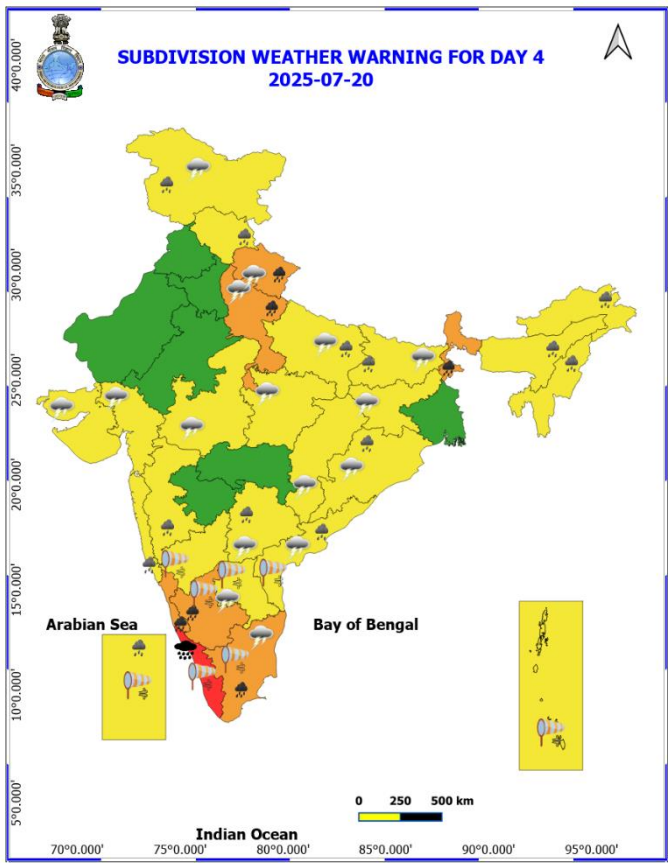
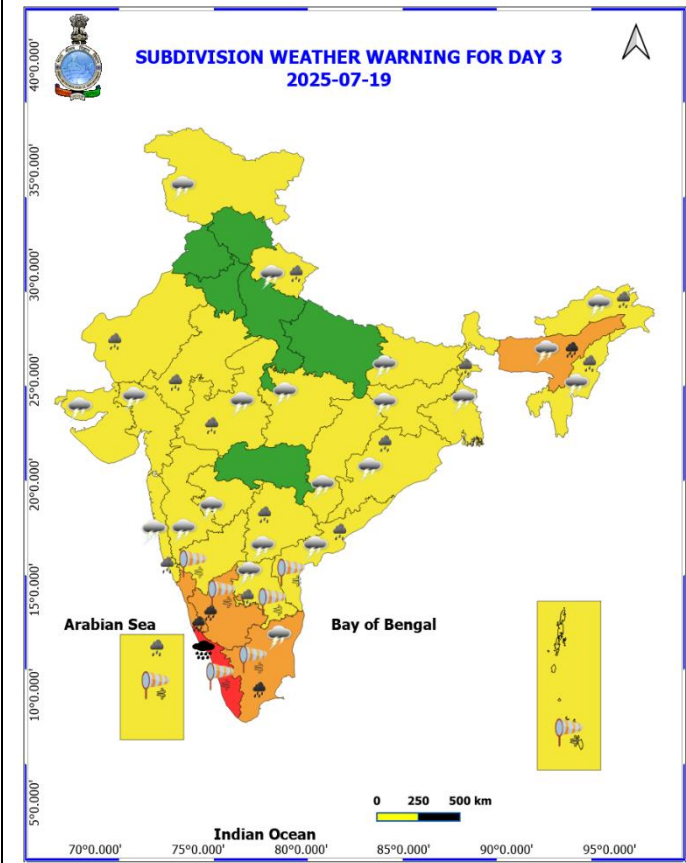
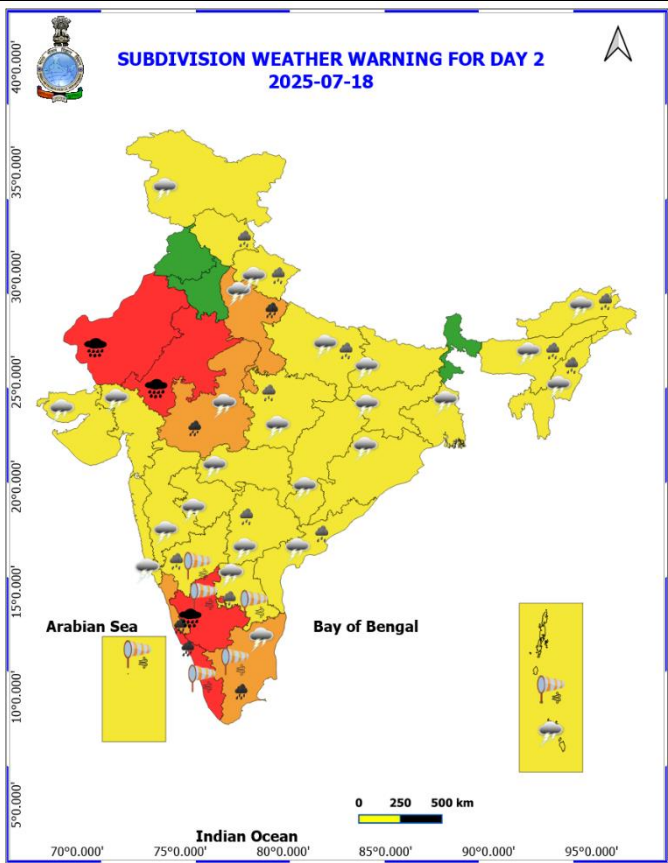
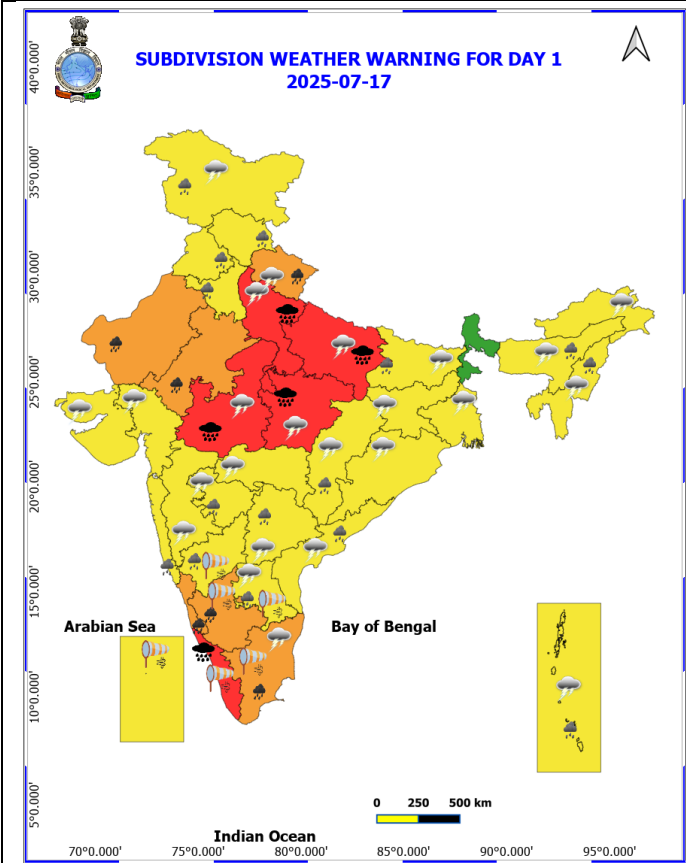


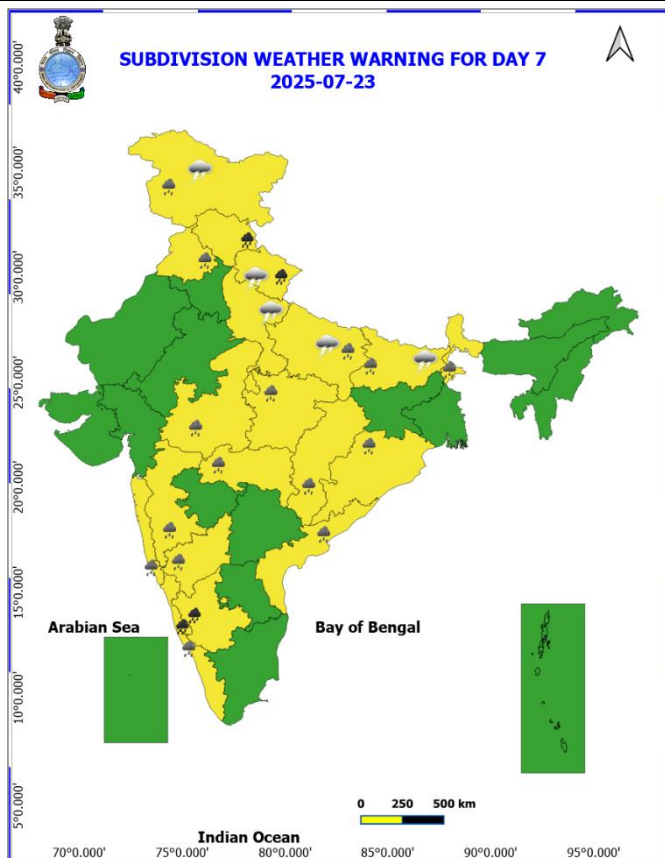
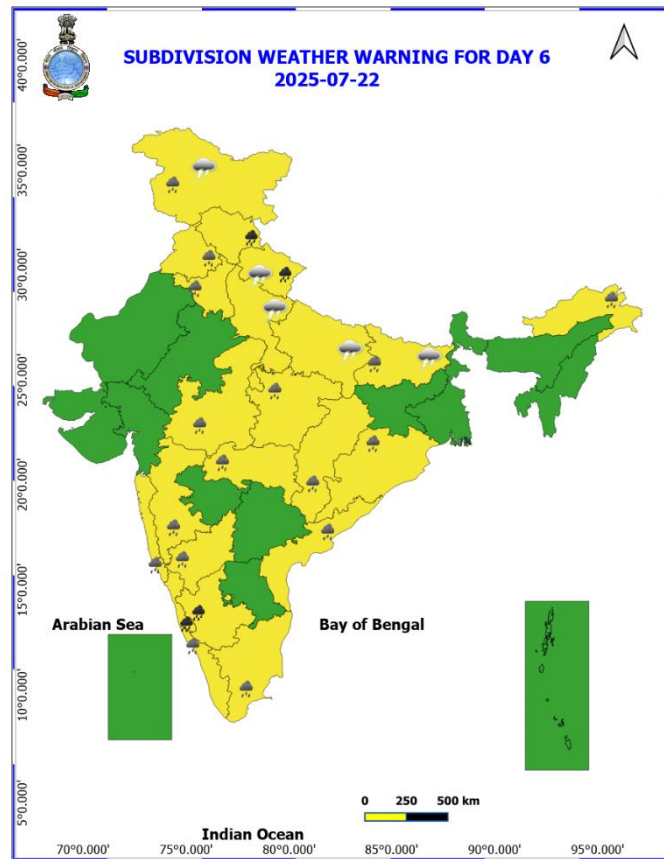
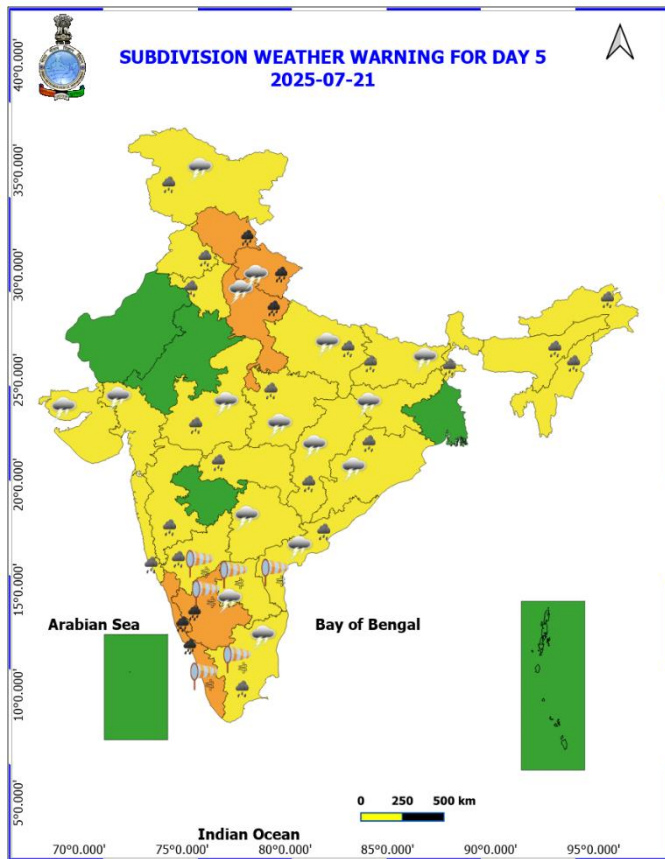
FORECAST TRACK



CONE OF UNCERTAINTY

Weather Warning Graphics





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

Weather Symbols:

- 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
- Strong Surface Winds
- Cold Wave
- Cold Day
- Ground Frost

* 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.ind.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.

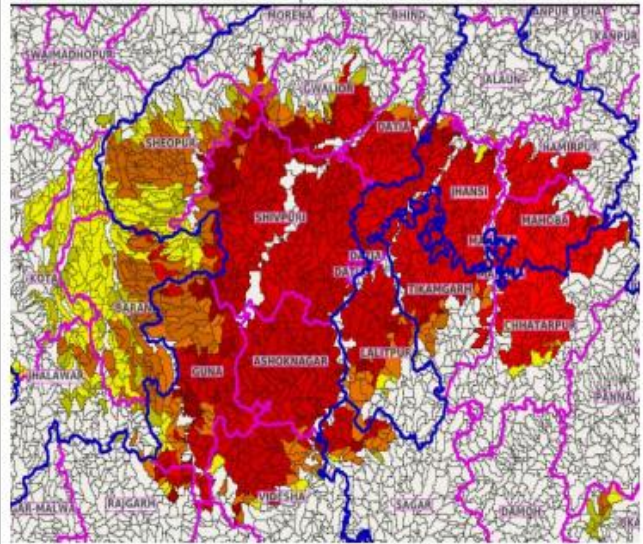
West Uttar Pradesh - Hamirpur, Jalaun, Jhansi, Lalitpur and Mahoba districts.







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

Significant rainfall recorded (in cm) from 0830 to 1730 hours IST of today, the 17th 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;