



**India Meteorological Department  
(Ministry of Earth Sciences)  
NATIONAL BULLETIN NO. 9 (BoB/02/2025)**

**TIME OF ISSUE: 0530 HOURS IST**

**DATED: 16.07.2025**

**FROM: INDIA METEOROLOGICAL DEPARTMENT**

**(FAX NO. 24643965/24699216/24623220)**

**TO: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)  
CONTROL ROOM NDMA (FAX.NO. 26701729)  
CABINET SECRETARIAT (FAX.NO.23012284, 23018638)  
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)  
SECRETARY, MOES (FAX NO. 24629777)  
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)  
DIRECTOR GENERAL, DOORDARSHAN (23385843)  
DIRECTOR GENERAL, AIR (23421105, 23421219)  
PIB MOES (FAX NO. 23389042)  
UNI (FAX NO. 23355841)  
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX NO. 26105912, 2436 3260)  
DIRECTOR, PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)  
CHIEF SECRETARY, ODISHA (FAX NO. 0674-2536660)  
CHIEF SECRETARY, WEST BENGAL (FAX NO. 033-22144328)  
CHIEF SECRETARY, GOVT. OF SIKKIM (FAX NO.0359-2222851)  
CHIEF SECRETARY, GOVT. OF BIHAR (FAX NO. 0612-2217085)  
CHIEF SECRETARY, GOVT. OF JHARKHAND (FAX NO. 0651-2400255)  
CHIEF SECRETARY, GOVT. OF CHHATTISGARH (FAX NO. 0771-2221206)  
CHIEF SECRETARY, GOVT. OF MADHYA PRADESH (FAX NO. 0755-2551521)  
CHIEF SECRETARY, GOVT. OF RAJASTHAN (FAX NO. 0141-2227114)  
CHIEF SECRETARY, GOVT. OF ASSAM (FAX NO. 0361-2260900)  
CHIEF SECRETARY, GOVT. OF MEGHALAYA (FAX NO. 0364-2225978)**

**Subject: (A) Well Marked Low Pressure area over Southwest Bihar and adjoining East Uttar Pradesh (B) Depression over northwest Rajasthan weakened into a Well Marked Low pressure area over the same region**

**(A) Well Marked Low Pressure area over southwest Bihar and adjoining East Uttar Pradesh**

The well marked low pressure area over south Bihar and adjoining Jharkhand moved west-northwestwards and lay over southwest Bihar and adjoining east Uttar Pradesh at 0530 hrs IST of today, the 16<sup>th</sup> July 2025.

It is likely to move west-northwestwards across southwest Bihar and east Uttar Pradesh during next 24 hours. However, the system is under continuous monitoring for possible re-intensification.

**(B) Depression over northwest Rajasthan weakened into a Well Marked low pressure area over the same region**

The depression over northwest Rajasthan moved slowly north-northwestwards and weakened into a Well Marked Low pressure area over the same region at 0530 hrs IST of today, the 16<sup>th</sup> July, 2025.

It is likely to continue to move slowly north-northwestwards across northwest Rajasthan and weaken into a low pressure area during next 12 hours.

## **Warnings:**

### **(i) Rainfall Warning:**

**Bihar:** Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places on 16<sup>th</sup> July and heavy rainfall at isolated places on 17<sup>th</sup> July.

**Jharkhand:** Light to moderate rainfall at most places with heavy to very heavy rainfall at a few places on 16<sup>th</sup> July.

**Chhattisgarh:** Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places on 16<sup>th</sup> July and heavy rainfall at isolated places on 17<sup>th</sup> July.

**West Bengal & Sikkim:** Light to moderate rainfall at most places with heavy rainfall at isolated places over Sub-Himalayan West Bengal & Sikkim on 16<sup>th</sup> July.

**East Uttar Pradesh:** Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places on 16<sup>th</sup> July and heavy rainfall at isolated places during 17<sup>th</sup> – 18<sup>th</sup> July

**West Uttar Pradesh:** Light to moderate rainfall at most places with heavy rainfall at isolated places during 16<sup>th</sup> – 18<sup>th</sup> July.

**East Madhya Pradesh:** Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places during 16<sup>th</sup> -17<sup>th</sup> July.

**West Madhya Pradesh:** Light to moderate rainfall at most places with heavy rainfall at isolated places during 16<sup>th</sup> -18<sup>th</sup> July.

**East Rajasthan:** Light to moderate rainfall at most places with heavy rainfall at isolated places on 16<sup>th</sup> & 17<sup>th</sup> July.

**West Rajasthan:** Light to moderate rainfall at most places with heavy to very heavy rainfall at a few places on 16<sup>th</sup> July and heavy rainfall at isolated places on 17<sup>th</sup> July.

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

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

### **(ii) Wind Warning:**

- ❖ Squally wind speed reaching 30-40 kmph gusting to 50 kmph is likely over north Rajasthan and adjoining Haryana & Punjab for next 12 hours and decrease thereafter.
- ❖ Squally wind speed reaching 30-40 kmph gusting to 50 kmph is likely over Bihar, Jharkhand and adjoining east Uttar Pradesh during next 24 hours.

### **(v) Impact Expected and Action Suggested due to heavy rainfall and squally winds**

#### **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.

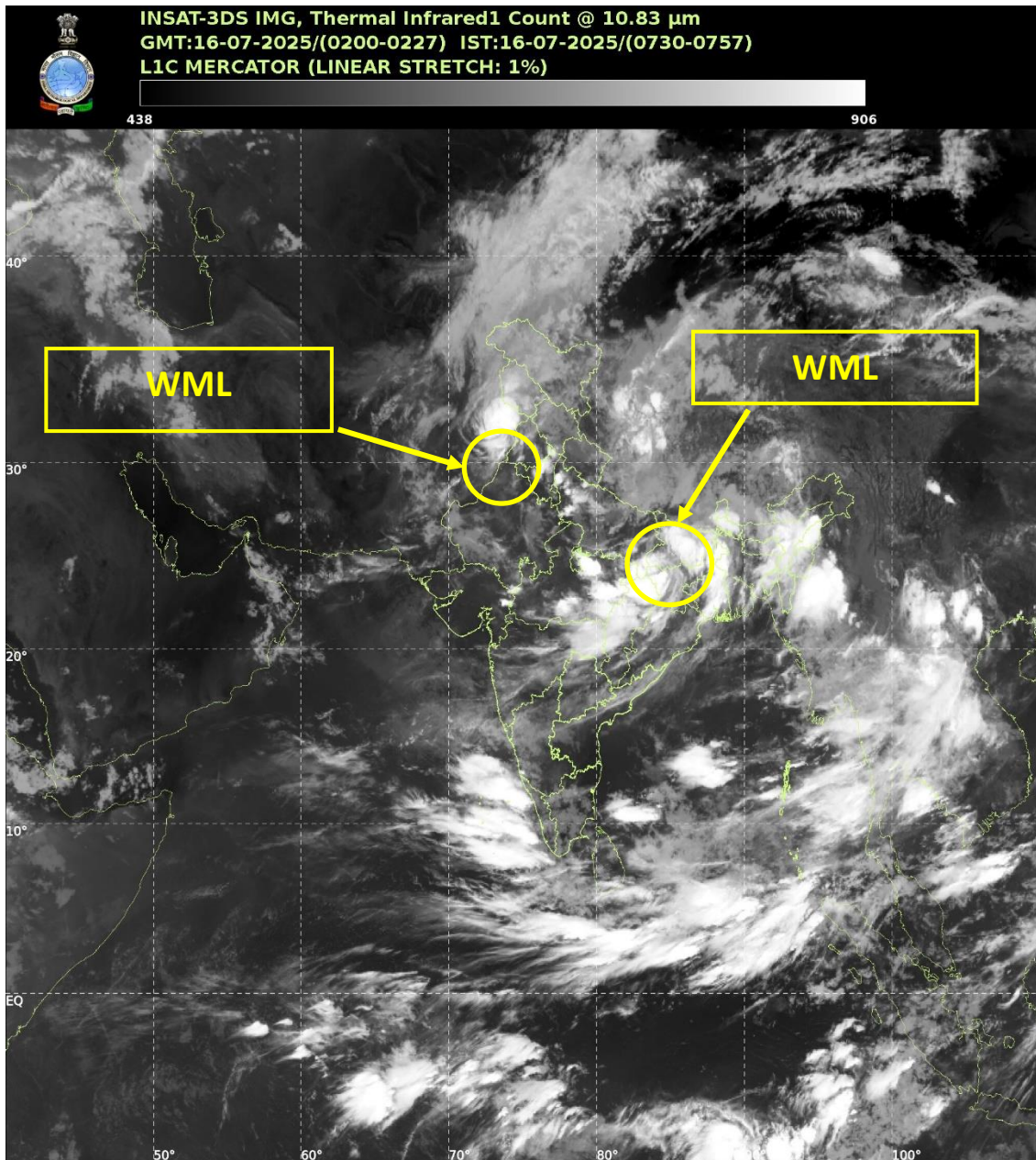
**Action suggested:**

- ❖ 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.

**The Next bulletin will be issued at 1130 hours IST of today, the 16<sup>th</sup> July, 2025.**

**(D.R Pattanaik)**  
**Head RSMC & IMD, New Delhi**

*Copy to: ACWC Kolkata/ACWC Chennai/CWC Bhubaneswar/CWC Vishakhapatnam/Meteorological Centres- Port Blair/ Itanagar/ Kohima/ Agartala/ Gangtok/ Imphal/ Aizwal/ Shillong/ Gangtok/ Regional Meteorological Centre Guwahati*



WML – Well Marked Low Pressure Area





## OBSERVED TRACK OF DEPRESSION OVER CENTRAL PARTS OF NORTH RAJASTHAN AT DURING 15—16 JULY 2025



DATE/TIME IN UTC

1KT=1.85 KMPH

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

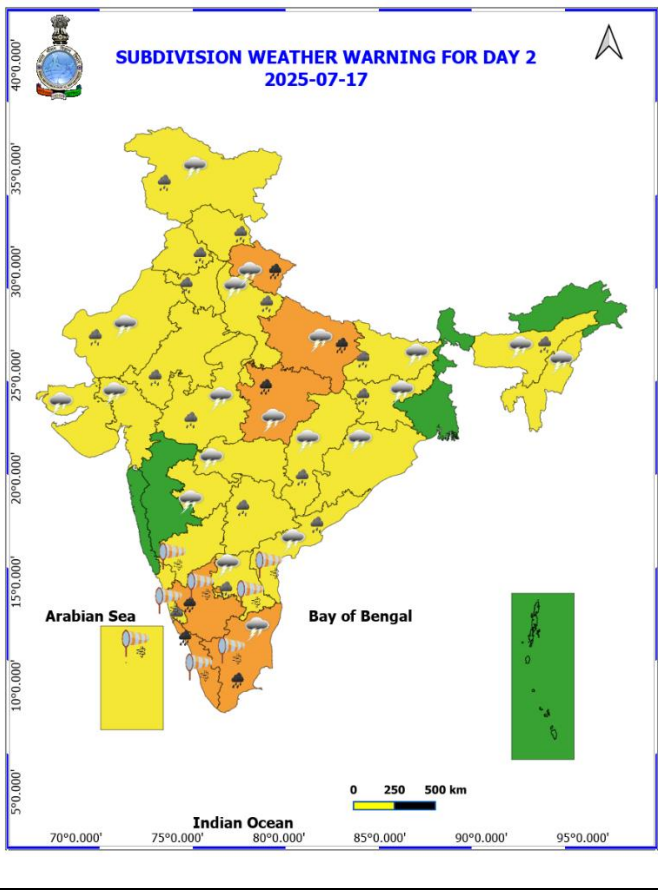
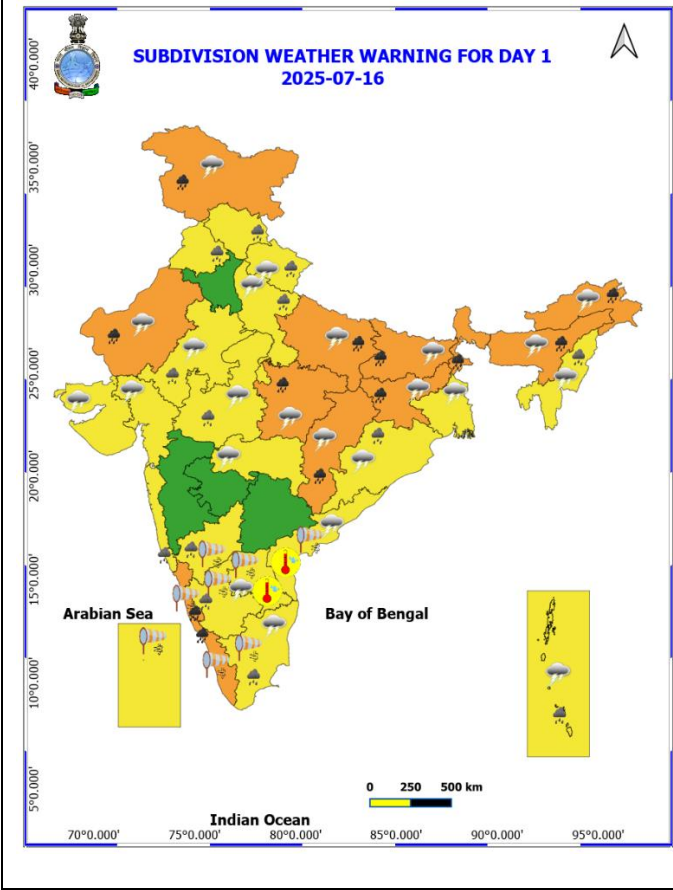
— OBSERVED TRACK

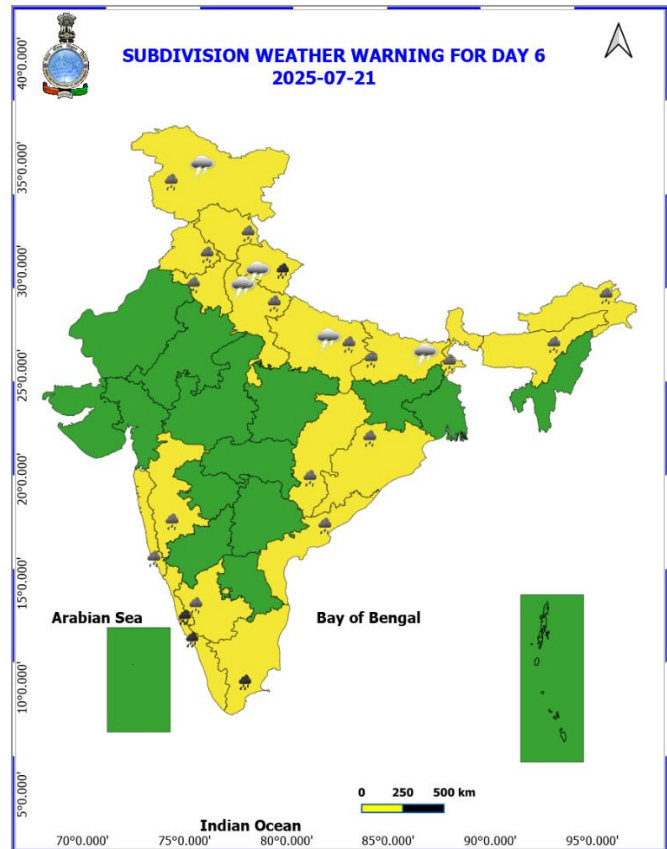
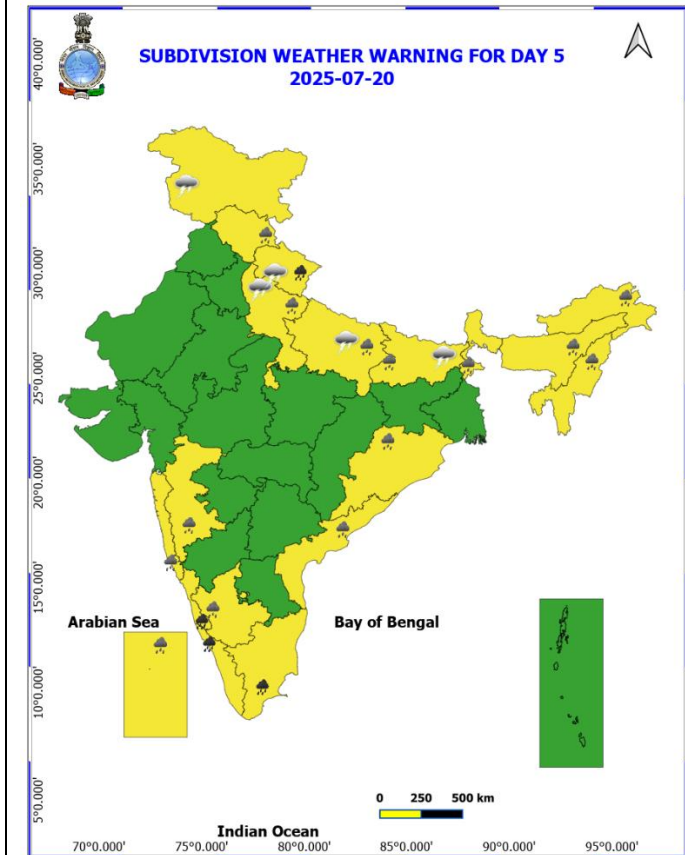
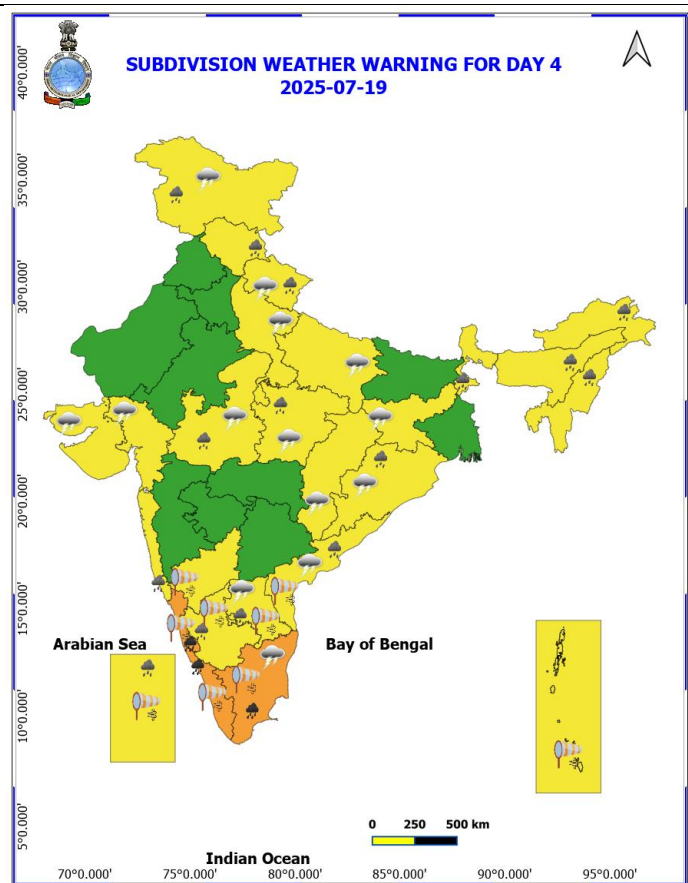
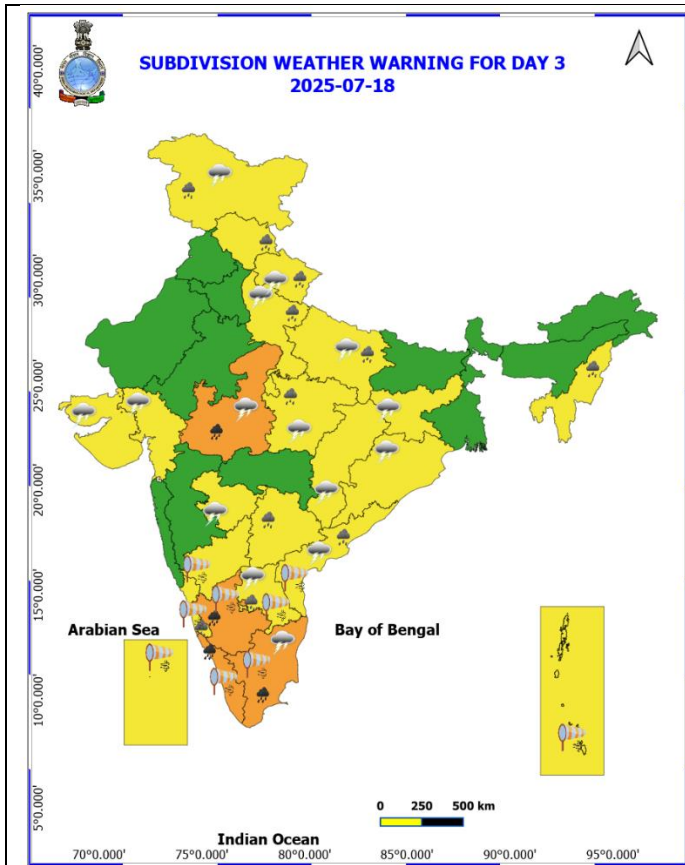
— FORECAST TRACK



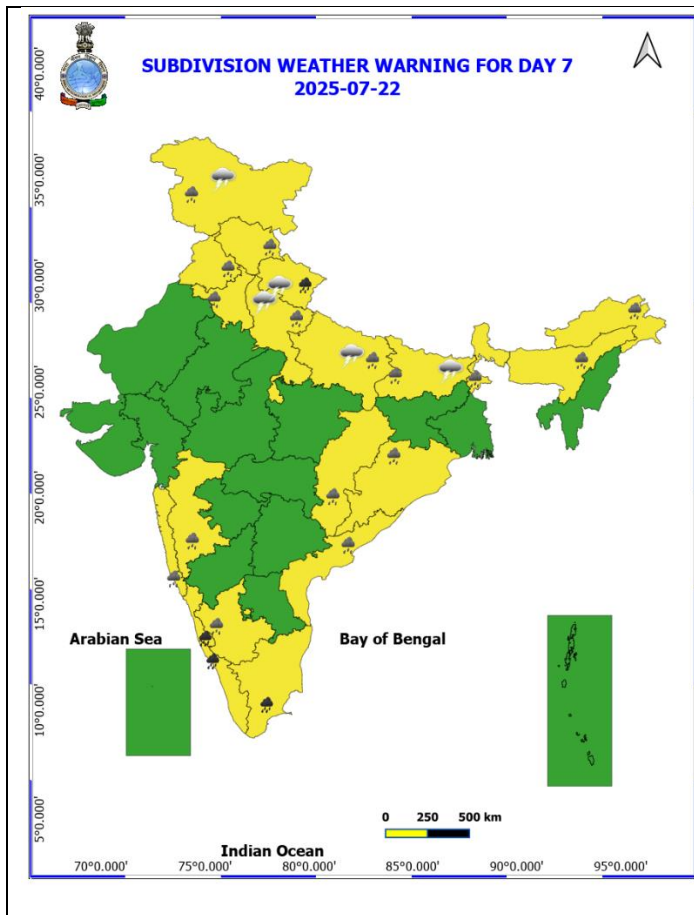
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Weather Warning Graphics














 Fog


 Heavy Rain


 Very Heavy Rain


 Extremely Heavy Rain


 Thunder & Lightning


 Hailstorm


 Dust Raising Winds


 Heavy Snow


 Dust Storm


 Heat Wave


 Warm Night

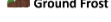
 Hot Day

 Hot & Humid

 Strong Surface Winds

 Cold Wave

 Cold Day

 Ground Frost

**COLOUR CODED WARNING**

**No Warning (No Action)**

**Watch (Be Aware)**

**Alert (Be Prepared To Take Action)**

**Warning (Take Action)**

**Probabilistic Forecast**

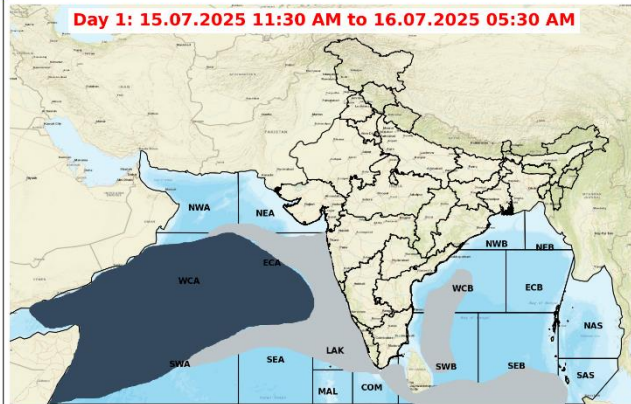
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

\* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".  
Forecast and Warning for any day is valid from 0630 hours IST of day till 0630 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)

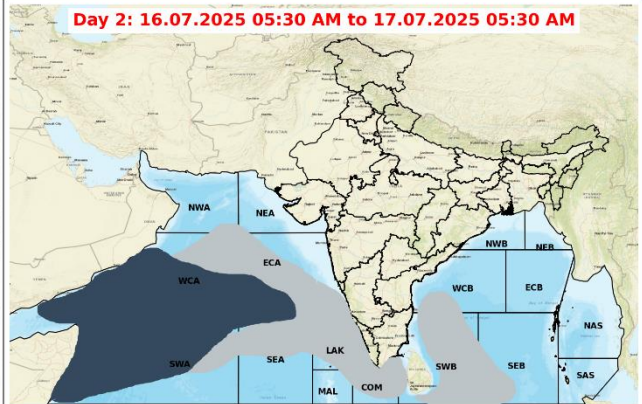


## Fishermen Warning Graphics

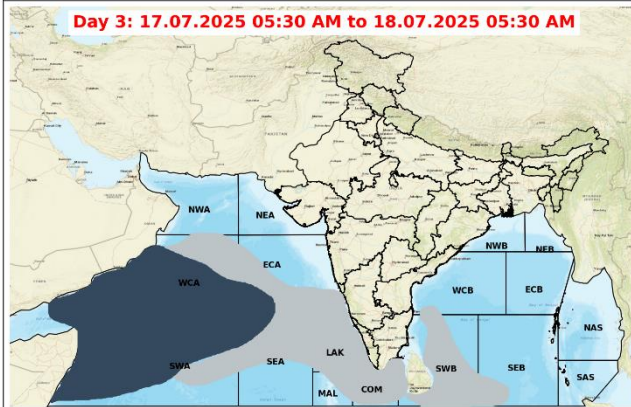
**Day 1: 15.07.2025 11:30 AM to 16.07.2025 05:30 AM**



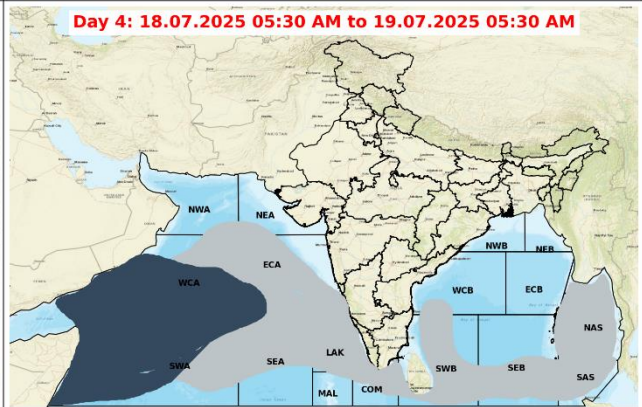
**Day 2: 16.07.2025 05:30 AM to 17.07.2025 05:30 AM**



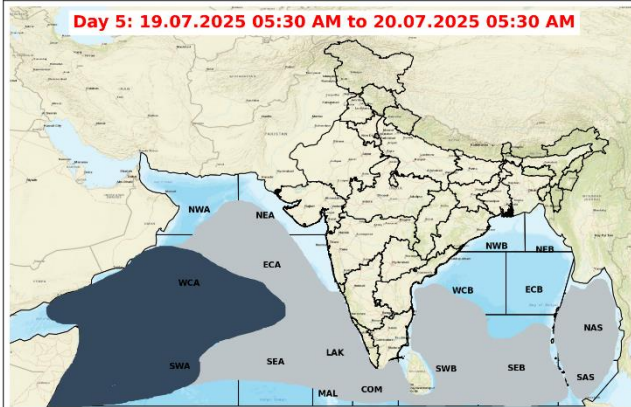
**Day 3: 17.07.2025 05:30 AM to 18.07.2025 05:30 AM**



**Day 4: 18.07.2025 05:30 AM to 19.07.2025 05:30 AM**



**Day 5: 19.07.2025 05:30 AM to 20.07.2025 05:30 AM**



### Legend

Squally wind with speed 55-65 kmph gusting to 75 kmph	CS with Gale winds with speed 60-80 kmph gusting to 90 kmph
Squally Weather with wind speed 40-50 kmph gusting to 60 kmph	SCS with Gale wind speed 90-110 kmph gusting to 120 kmph
Squally Weather with wind speed 45-55 kmph gusting to 65 kmph	VSCS with Gale wind speed 120-165 kmph gusting to 185 kmph
Squally wind with speed 45-55 kmph gusting to 65 kmph	ESCS with Gale wind speed 165-220 kmph gusting to 245 kmph
Squally wind with speed 50-60 kmph gusting to 70 kmph	

Fishermen are advised not to venture into the marked areas.

## Flash Flood Guidance

### **24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 17-07-2025 :**

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

**Jharkhand** – Gumla, Simdega, Lohardaga, Latehar, Chhatra, Khunti, Hazaribagh, Guda, Pakur, Sahebganj, Ramgarh, Dhanbad, Garhwa, Palamu, Kodarma, Giridih and Ranchi districts.

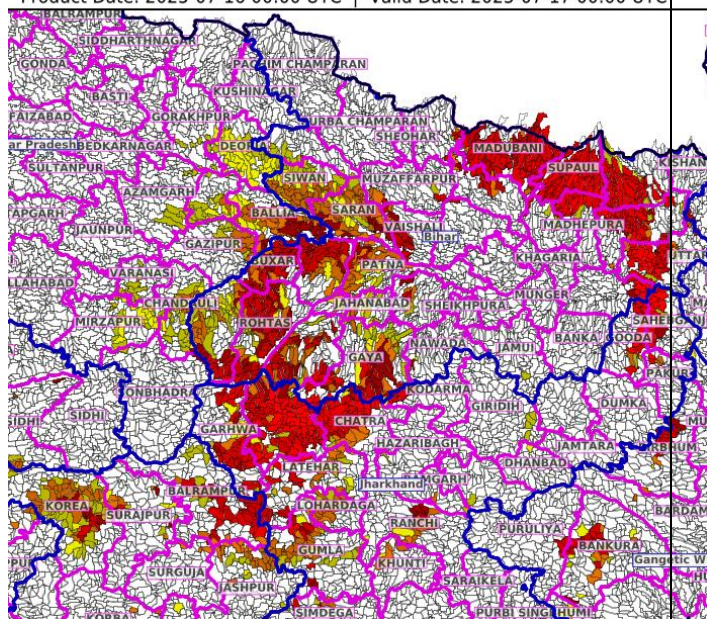
**Bihar** – Katihar, Bhagalpur, Purnia, Madhepura, Supaul, Araria, Madhubani, Darbhanga, Samastipur, Muzaffarpur, Gopalganj, Siwan, Saran, Vaishali, Patna, Bhojpur, Buxar, Nalanda, Jahanabad, Arwal, Nawada, Gaya, Aurangabad, Rohtas and Bhabua districts.

**North Chhattisgarh** – Surguja, Surajpur, Jashpur, Raigarh, Korea, Korba and Balrampur districts.

**Adjoining East Uttar Pradesh** – Deoria, Gorakhpur, Ballia, Mau, Azamgarh, Gazipur, Varanasi, Chandauli and Mirzapur 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: NCU M FFR | Timescale: 24-hr | Region: "INDIA"  
Product Date: 2025-07-16 00:00 UTC | Valid Date: 2025-07-17 00:00 UTC



### **Flash Flood Risk**

**High Risk (Take Action)**

**Moderate Risk (Be Prepared)**

**Low Risk (Be Updated)**