



**India Meteorological Department  
(Ministry of Earth Sciences)**

**NATIONAL BULLETIN NO. 3 (BoB/04/2025)**

**TIME OF ISSUE: 1430 HOURS IST**

**DATED: 25.07.2025**

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**Sub: Depression over coastal West Bengal**

The Depression over coastal West Bengal and adjoining areas of Northwest Bay of Bengal & Bangladesh moved west-northwestwards with a speed of 18 kmph during past 3 hours and lay centred at 1130 hrs IST of today, the 25<sup>th</sup> July over coastal West Bengal, near Lat. 22.0°N and Long. 88.4°E, about 190 km west of Khepupara (Bangladesh), about 40 km southwest of Canning (West Bengal), 50 km northeast of Sagar Island (West Bengal) and 60 km south of Kolkata (West Bengal).

It is very likely to move west–northwestwards across Gangetic West Bengal and adjoining North Odisha and Jharkhand during next 24 hours.

**Warnings:**

**(i) Rainfall Warning:**

**Gangetic West Bengal:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places over Gangetic West Bengal and **extremely heavy rainfall ( $\geq 21$  cm)** at isolated places over south Gangetic West Bengal is very likely on 25<sup>th</sup> July. **Heavy to very heavy rainfall** at isolated places is likely during 26<sup>th</sup>-28<sup>th</sup> July.

**Odisha:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places over Odisha and **extremely heavy rainfall ( $\geq 21$  cm)** at isolated places over north Odisha is very likely on 25<sup>th</sup> July. **Heavy to very heavy rainfall** at isolated places over Odisha is likely during 26<sup>th</sup>-28<sup>th</sup> July.

**Jharkhand:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places over Jharkhand on 25<sup>th</sup> and 26<sup>th</sup> July and **extremely heavy rainfall ( $\geq 21$  cm)** is very likely at isolated places over south Jharkhand on 25<sup>th</sup> July and **heavy rainfall** at isolated places over Jharkhand during 27<sup>th</sup>-28<sup>th</sup> July.

**Chhattisgarh:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places over Chhattisgarh and **extremely heavy rainfall ( $\geq 21$  cm)** at isolated places over north Chhattisgarh is very likely on 25<sup>th</sup> & 26<sup>th</sup> July. **Heavy to very heavy rainfall** at isolated places is likely on 27<sup>th</sup> & 28<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 during 25<sup>th</sup> – 28<sup>th</sup> July with **extremely heavy rainfall ( $\geq 21$  cm)** on 26<sup>th</sup> July.

**West Madhya Pradesh:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places is very likely during 25<sup>th</sup> – 28<sup>th</sup> July with **extremely heavy rainfall ( $\geq 21$  cm)** on 26<sup>th</sup> & 27<sup>th</sup> July.

**Bihar:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places is very likely on 25 and 26<sup>th</sup> July. Heavy rainfall at isolated places is likely on 27<sup>th</sup> July.

**Vidarbha:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places and **extremely heavy rainfall ( $\geq 21$  cm)** is very likely at isolated places on 25<sup>th</sup> and 26<sup>th</sup> July and **heavy rainfall** at isolated places on 27<sup>th</sup> July.

**East Rajasthan:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places and **extremely heavy rainfall ( $\geq 21$  cm)** is very likely at isolated places on 26<sup>th</sup> and 27<sup>th</sup> July and **heavy rainfall** at isolated places on 25<sup>th</sup> and 27<sup>th</sup> July

**East Uttar Pradesh:** Light to moderate rainfall at many places with **heavy rainfall** at isolated places is very likely on 25<sup>th</sup> & 26<sup>th</sup> July.

**(ii) Wind Warning:**

Squally wind speed reaching 40-50 kmph gusting to 60 kmph is prevailing over north Bay of Bengal, along & off Odisha, West Bengal and Bangladesh coasts and is likely to continue for next 24 hours. Squally wind speed reaching 30-40 kmph gusting to 50 kmph is likely over the interior parts of Gangetic West Bengal & Odisha and Jharkhand during next 24 hours.

**(iii) Sea Condition:**

Sea condition is very likely to be rough to very rough over north Bay of Bengal and along & off Odisha, West Bengal and Bangladesh coasts during next 24 hours.

**(iv) Fishermen Warning:**

Fishermen are advised not to venture into north Bay of Bengal, along & off Odisha, West Bengal and Bangladesh coasts for next 24 hours.

**(v) Impact Expected and Action Suggested due to heavy rainfall and squally winds (Odisha, Gangetic West Bengal, Chhattisgarh, Jharkhand, Bihar)**

**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 during past 24 hours recorded at 0830 hrs IST of today, the 25th July, 2025 are given in Annexure-I**

**Next bulletin will be issued at 2030 hours IST of today, the 25<sup>h</sup> July, 2025.**

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

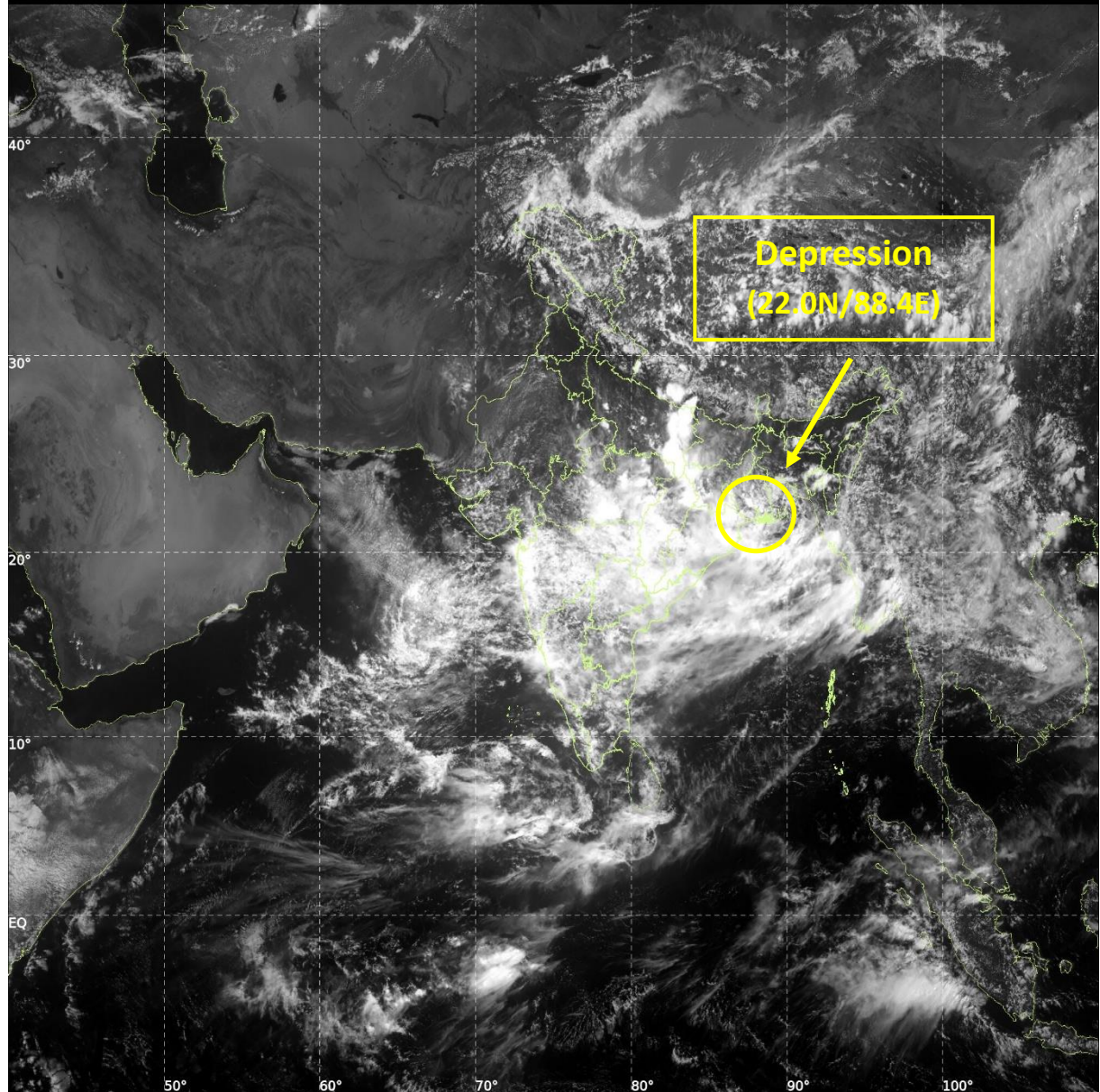
*Copy to: ACWC Kolkata /CWC Bhubaneswar/CWC Vishakhapatnam/Meteorological Centres- Ranchi, Raipur, Patna, Bhopal, Lucknow, Jaipur, Mumbai, Nagpur*



INSAT-3DS IMG, Visible Count @ 0.65  $\mu\text{m}$   
GMT:25-07-2025/(0730-0757) IST:25-07-2025/(1300-1327)  
L1C MERCATOR (LINEAR STRETCH: 0.5%)

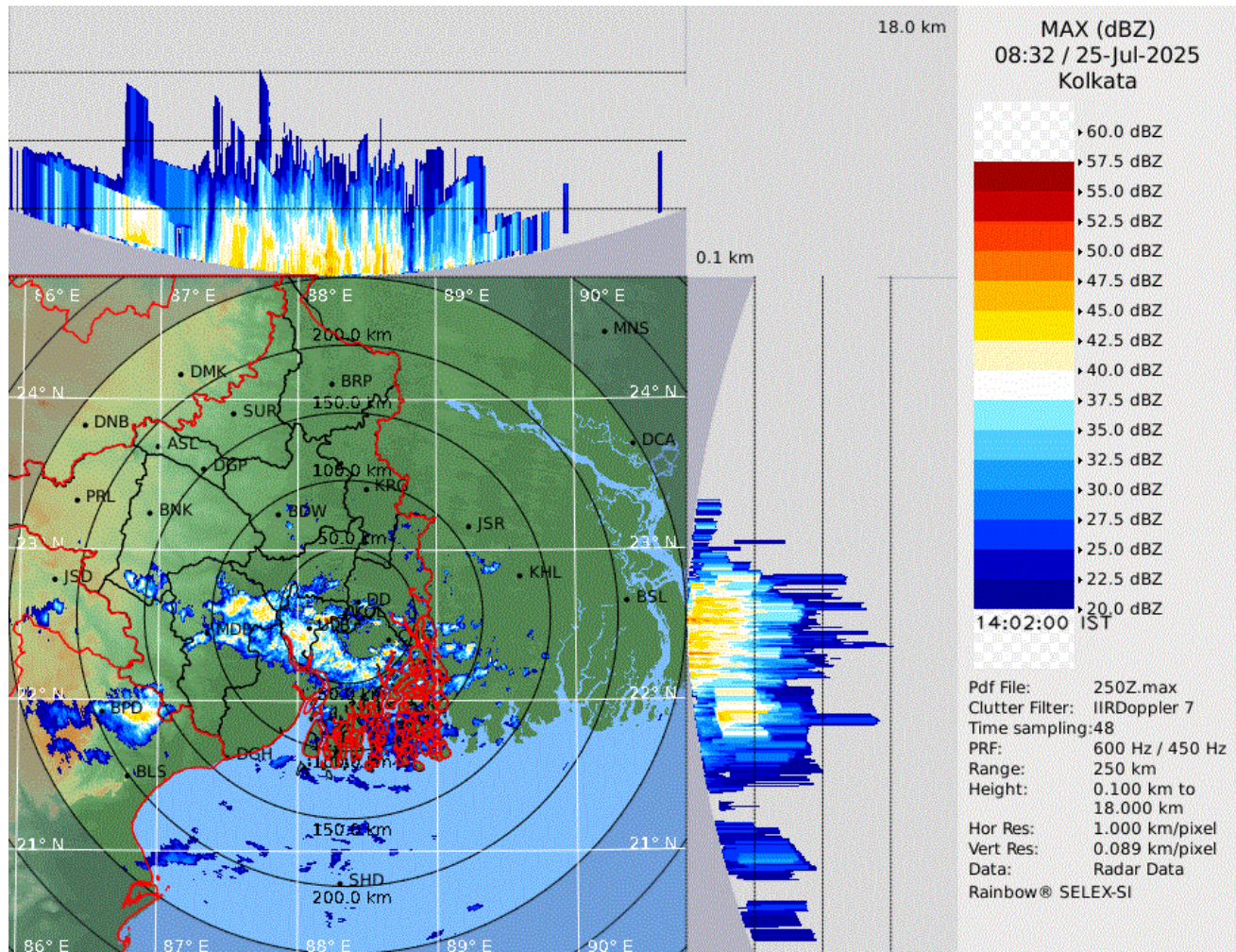
72

453





## Maximum reflectivity imagery from Kolkata Radar







## OBSERVED AND FORECAST TRACK OF DEPRESSION OVER COASTAL WEST BENGAL AT 1130 HRS. IST (0600 UTC) OF 25<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



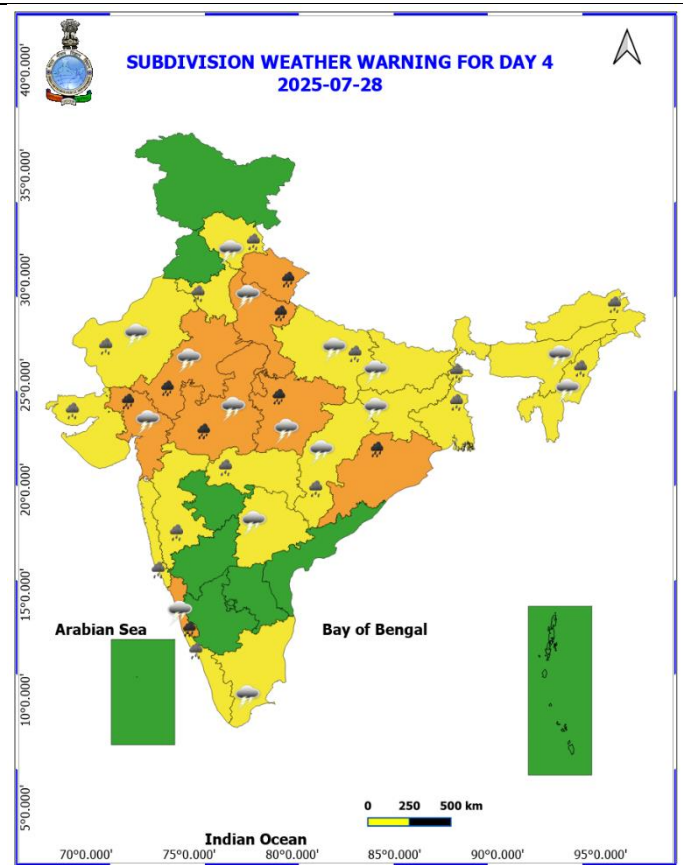
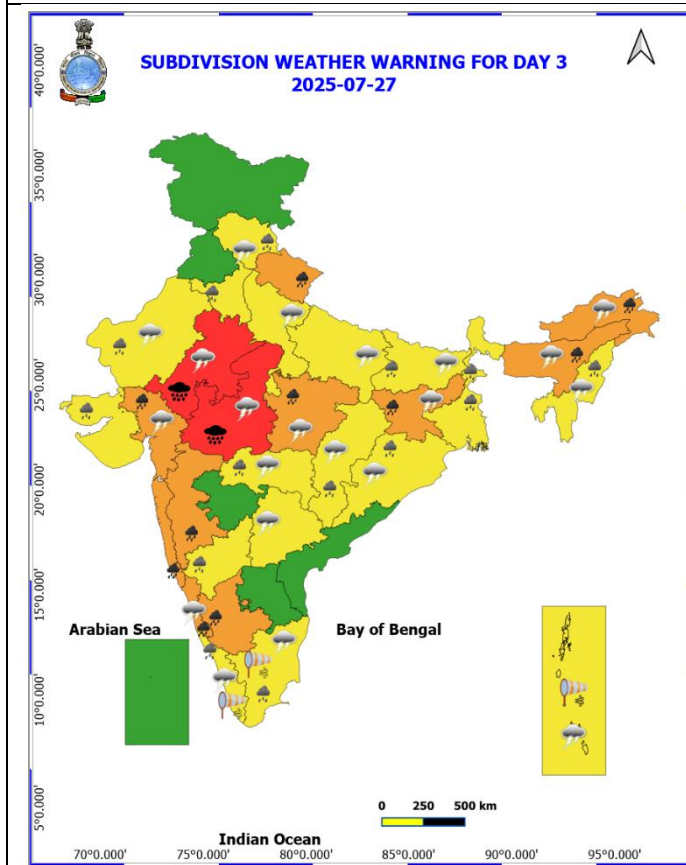
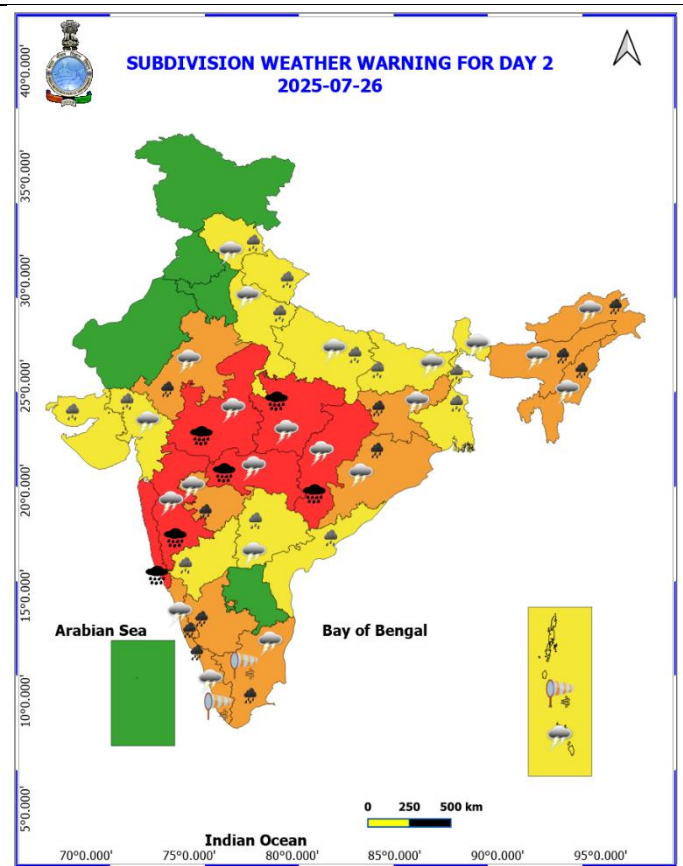
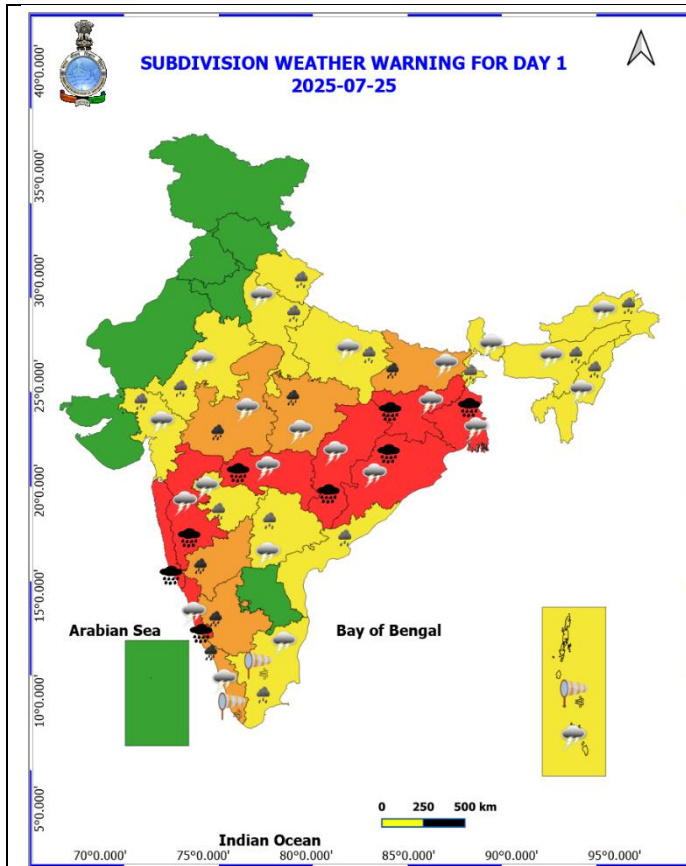
≥ 48 KT

— OBSERVED TRACK

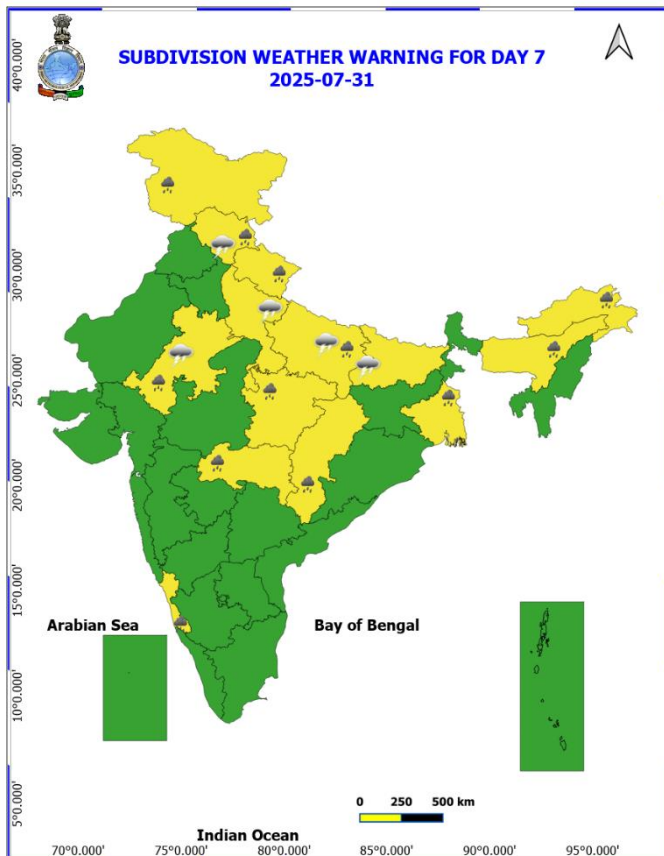
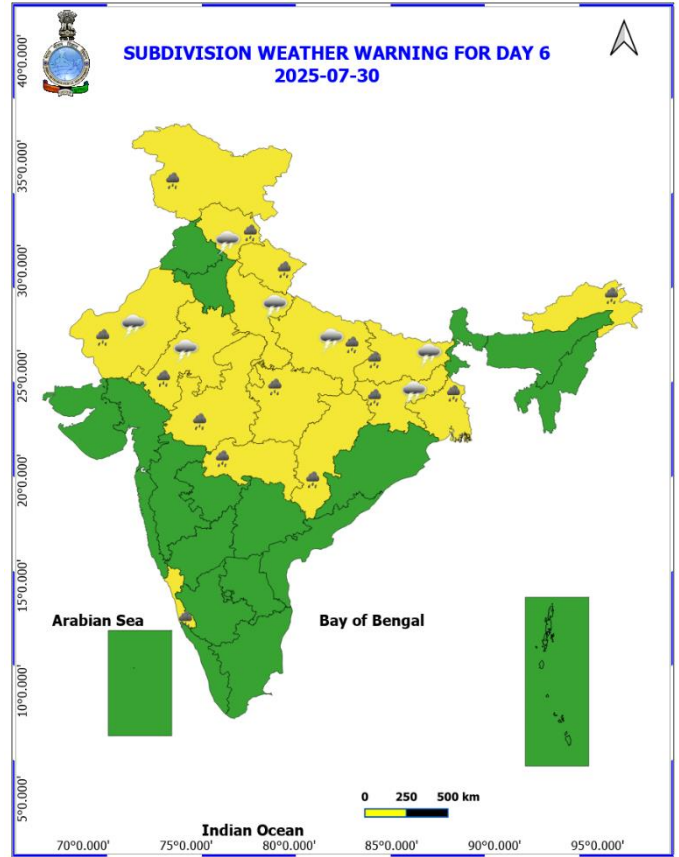
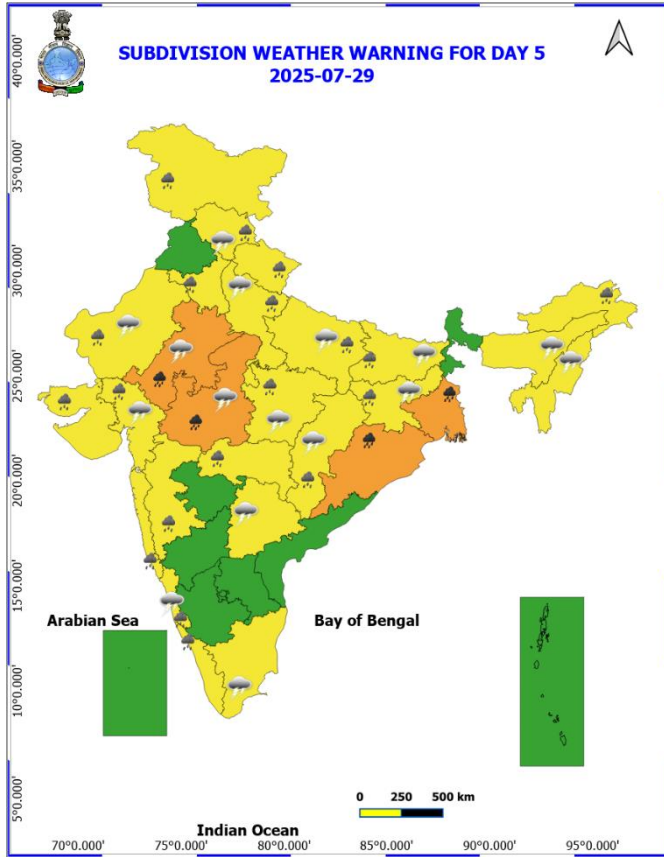
— FORECAST TRACK

▲ CONE OF UNCERTAINTY

## Weather Warnings 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 Warnings Legend:**

- 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: 011-24334-4599  
(Service to the Nation since 1875)



## Flash Flood Guidance

### **24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 26-07-2025:**

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

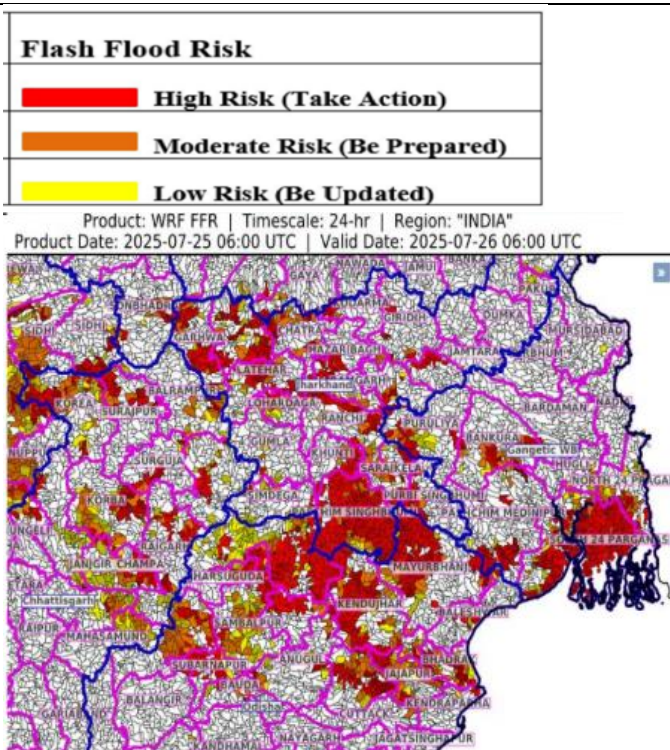
**Chhattisgarh** - Balarampur, Baloda Bazar, Bilaspur, Durg, Gariaband, Janjgir\_Champa, Jashpur, Kanker, Kondagaon, Korba, Korea, Mahasamund, Mungeli, Raigarh, Surajpur and Surguja districts.

**Odisha** - Anugul, Balangir, Baleshwar, Baragarh, Bhadrak, Deogarh, Jajapur, Jharsuguda, Kendujhar, Kendraparha, Dhenkenal, Jajapur, Mayurbhanj, Sambalpur, Subarnapur and Sundargarh districts.

**Gangetic West Bengal** - Eastmednipur, Haora, Hugli, Bankura, Bardaman, North 24 Pragana, Pashchim Medinipur, Puruliya and South 24 Parganas districts.

**Jharkhand** - Chatra, East Singhbhum, Garhwa, Giridih, Gumla, Khunti, Koderma, Latehar, Lohardaga, Palamu, Ramgarh, Ranchi, Saraikela, Simdega and West Singhbhum 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.



### **24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 26-07-2025:**

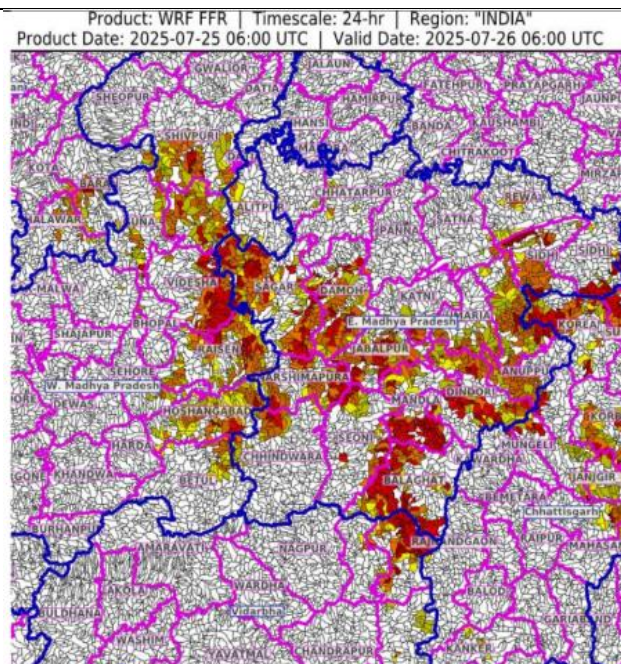
Moderate to High flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

**East Madhya Pradesh** - Anuppur, Balaghat, Chhatarpur, Chhindwara, Damoh, Dindori, Jabalpur, Katni, Mandla, Narshimpura, Rewa, Sagar, Seoni, Shahdol, Sidhi, Tikamgarh and Umaria districts.

**Adjoining Vidarbha** - Bhandara, Gadchiroli and Gondiya districts.

**West Madhya Pradesh** - Ashoknagar, Betul, Bhopal, Datia, Guna, Narmadapuram, Raisen, Sehore, 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.



## Annexure -I

**Significant rainfall recorded (in cm) from 0830 hours IST of yesterday to 0830 hours IST of today, the 25<sup>th</sup> July, 2025:**

**Odisha:** Kotpad (Koraput) 13, Chitrakunda K Guma (Malkangiri) 12, Kuchinda (Sambalpur) 11, Hatadihi (Keonjhar) 11, Lephripara (Sundargarh) 11, Banaigarh (Sundargarh) 10, Bonth (Bhadrak) 10, Agalpur (Bolangir) 10, Pallahara (Angul) 10, Malkangiri (Malkangiri) 9, Tensa (Sundargarh) 9, Telkoi (dist Keonjhar) 9, Sundargarh (Sundargarh) 9, Kirmira (Jharsuguda) 9, Khairamal (dist Boudhgarh) 9, Tiring (Mayurbhanj) 9, Lathikata (Sundargarh) 9, Salebhatta (dist Bolangir) 8, Soro (Balasore) 8, Ullunda (Sonepur) 8, Gurundia (Sundargarh) 8, Korukunda (Malkangiri) 7, Tangarpali (Sundargarh) 7, Jhumpura (Keonjhar) 7, Mathili (Malkangiri) 7,

**East Madhya Pradesh:** Mada (Singrauli) 18; Patharia (Damoh) 9; Orchha (Niwari), Kesli (Sagar), Bina (Sagar) 8 Each; Patan (Jabalpur), Rahatgarh (Sagar) 7 Each;

**Chhattisgarh:** Raghunath Nagar (Balrampur), Mukdega (Raigarh) 15 Each; Sukma (Sukma), Barpali (Korba) 14 Each; Poudi Uparora (Korba), Bade Bacheli (Dantewada) 13 Each; Biharpur (Surajpur), Kutaru (Bijapur) 12 Each; Dantewara (Dantewada), Janjgir (Janjgir), Wandraf Nagar (Balrampur), Seovrinarayan (Janjgir), Baloda (Janjgir), Dharamjaigarh (Raigarh), Doura Kochali (Balrampur), Pasaan (Korba), Bhothiya (Sakti) 10 Each; Champa (Janjgir), Bijapur (Bijapur), Bilaigarh (Sarangarh Bilaigarh), Darbha (Bastar), Bhairamgarh (Bijapur), Orcha (Narayanpur), Navagarh (Janjgir), Bamhnidih (Janjgir) 9 Each; Balrampur (Balrampur), Kuakonda (Dantewada), Pamgarh (Janjgir), Jaijaipur (Sakti), Baramkela (Sarangarh Bilaigarh), Chhindgarh (Sukma), Bhaisma (Korba), Saragaon (Janjgir), Pondi Bachra (Koriya), Bhatgaon (Sarangarh Bilaigarh), Adbhar (Sakti), Chhotedongar (Narayanpur), Gangalur (Bijapur) 8 Each; Sakti (Sakti), Katghora (Korba), Manendragarh (Manendragarh Bharatpur), Gharghoda (Raigarh), Sarangarh (Sarangarh Bilaigarh), Lohandiguda (Bastar), Bastanar (Bastar), Marwahi (Gaurela Pendra Marwahi), Akaltara (Janjgir), Gidhori Tundra (Baloda Bazar), Kukdur (Kabirdham) 7 Each;

**Gangetic West Bengal:** Mo Saltlake (North 24 Parganas) 13; Alipore (Kolkata) 8; Dum Dum (North 24 Parganas) 7;

**Vidarbha:** Bhamragad (Gadchiroli) 11; Ballarpur (Chandrapur), Ahiri (Gadchiroli) 8 Each; Armori (Gadchiroli), Etapalli (Gadchiroli) 7 Each;