



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

NATIONAL BULLETIN NO. 3 (BoB/04/2026)

TIME OF ISSUE: 2050 HOURS IST

DATED: 13.08.2026

FROM: INDIA METEOROLOGICAL DEPARTMENT

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CHIEF SECRETARY, GOVT. OF BIHAR (FAX NO. 0612-2217085)

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Subject: Depression over coastal West Bengal

The Depression over coastal West Bengal moved west-northwestwards with a speed of 12 kmph during past 6 hours and lay centred at 1730 hrs IST of today, the 13th August, 2026, over the same region near latitude 22.6°N and longitude 87.8°E, about 50 km east-northeast of Medinipur (West Bengal), 60 km west of Kolkata (West Bengal), 110 km southeast of Bankura (West Bengal), 160 km east-southeast of Purulia (West Bengal) and 170km east of Jamshedpur (Jharkhand).

It is very likely to continue to move west-northwestwards across Gangetic West Bengal and Jharkhand during next 24 hours.

Warnings:

(i) Rainfall Warning:

Gangetic West Bengal: Light to moderate rainfall at most places is very likely with heavy rainfall at isolated places on 13th - 15th August.

Odisha: Light to moderate rainfall at most places is very likely with heavy to very heavy rainfall at isolated places over north interior Odisha on 13th & 14th August and heavy rainfall at isolated places during 15th -17th August.

Chhattisgarh: Light to moderate rainfall at most places with heavy to very heavy rainfall at a few places and extremely heavy rainfall (**≥ 21 cm**) at isolated places is very likely over north Chhattisgarh on 13th & 14th August; heavy to very Heavy rainfall at isolated places on 15th and heavy rainfall at isolated places on 16th & 17th August.

Jharkhand: Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places is very likely over Jharkhand with extremely heavy rainfall (**≥ 21 cm**) at isolated places over south Jharkhand on 13th August; heavy to very Heavy rainfall at isolated places on 14th and heavy rainfall at isolated places during 15th - 17th August.

Sub-Himalayan West Bengal & Sikkim: Light to moderate rainfall at most places with heavy rainfall at isolated places is likely on 14th & 15th August; Heavy to very heavy rainfall on 16th & 17th August.

Bihar: Light to moderate rainfall at most places with heavy rainfall at isolated places is likely on 14th & 17th August.

East Uttar Pradesh: Light to moderate rainfall at most places is very likely with heavy to very heavy rainfall at isolated places on 14th and heavy rainfall at isolated places on 14th-17th August.

(ii) Wind Warning:

- ❖ Squally winds with speed reaching 40-50 kmph gusting to 60 kmph are likely to prevail over Northwest Bay of Bengal & along and off Bangladesh, Odisha-West Bengal coasts till 15th morning and decrease gradually thereafter.
- ❖ Squally winds with speed reaching 35-45 kmph gusting to 55 kmph are likely over Gangetic West Bengal & north coastal Odisha till mid-night of 13th August and over south Jharkhand, north interior Odisha & north Chhattisgarh till 14th August.

(iii) Sea Condition:

- ❖ **Sea condition is very likely to be rough to very rough** over northwest Bay of Bengal and along & off Bangladesh, West Bengal & Odisha coasts till 15th morning and improve gradually thereafter.

(iv) Fishermen Warning (Graphics Attached):

- ❖ Fishermen are advised not to venture into north Bay of Bengal, along & off Bangladesh, West Bengal, and Odisha coasts till 15th morning.

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

Impact expected:

- ❖ Breaking of tree branches, Horticulture crops like banana, papaya, drum sticks may be affected. 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.
- ❖ Small ships, trawlers and boats may be affected.
- ❖ Road and rail traffic may be affected due to heavy rain and squally winds.
- ❖ Localised landslides, mudslides, landslips, water logging, inundation 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.

Next bulletin will be issued at 0230 hours IST of tomorrow, the 14th August, 2026.

**(Ananda Kumar Das)
RSMC & IMD, New Delhi**

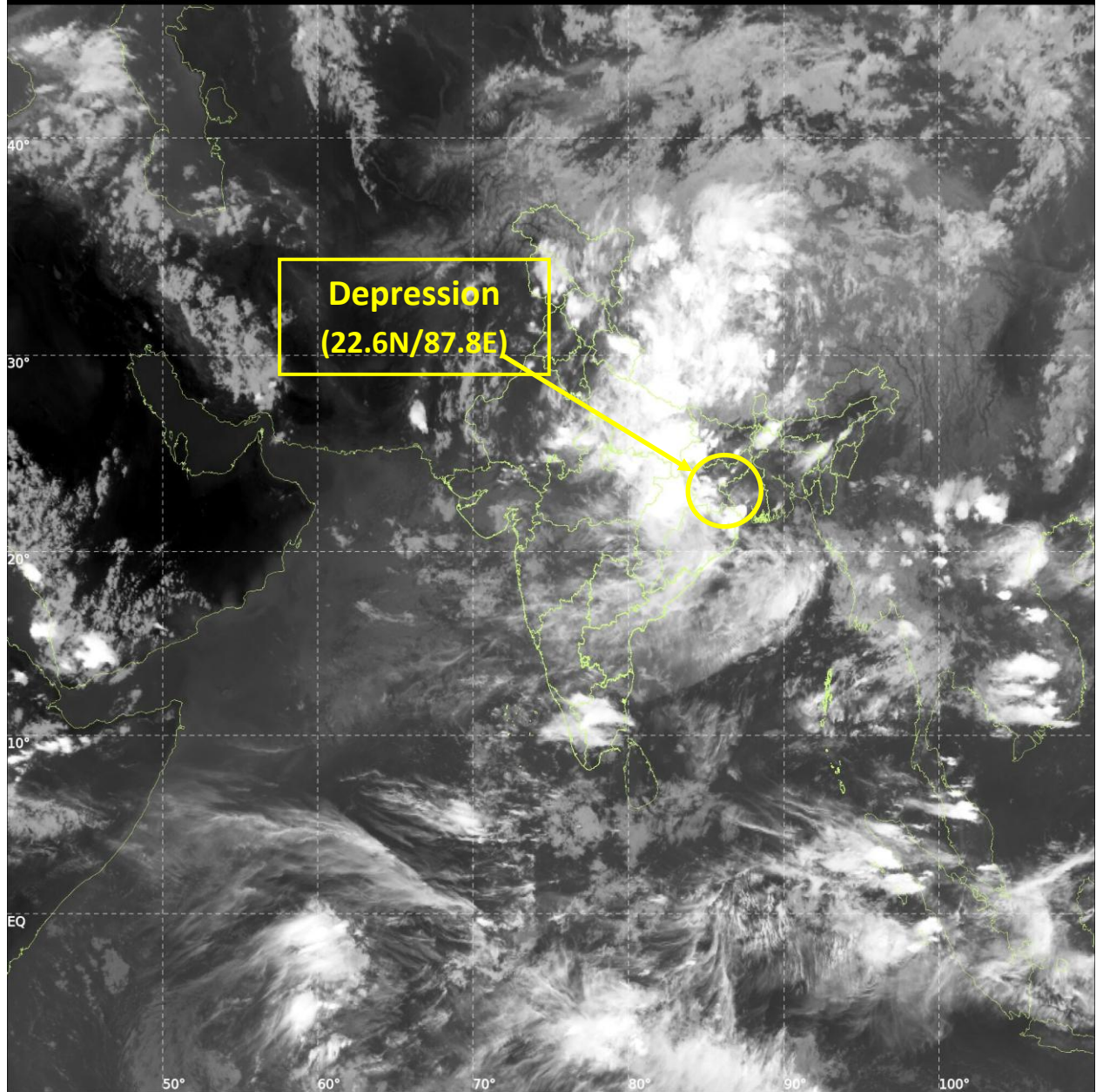
Copy to: ACWC Kolkata/CWC Bhubaneswar/Regional Meteorological Centre Kolkata, Lucknow / Meteorological Centre – Raipur/ Ranchi/ Patna



INSAT-3DS IMG, Thermal Infrared1 Count @ 10.83 μm
GMT:13-08-2026/(1400-1427) IST:13-08-2026/(1930-1957)
L1C MERCATOR (LINEAR STRETCH: 1%)

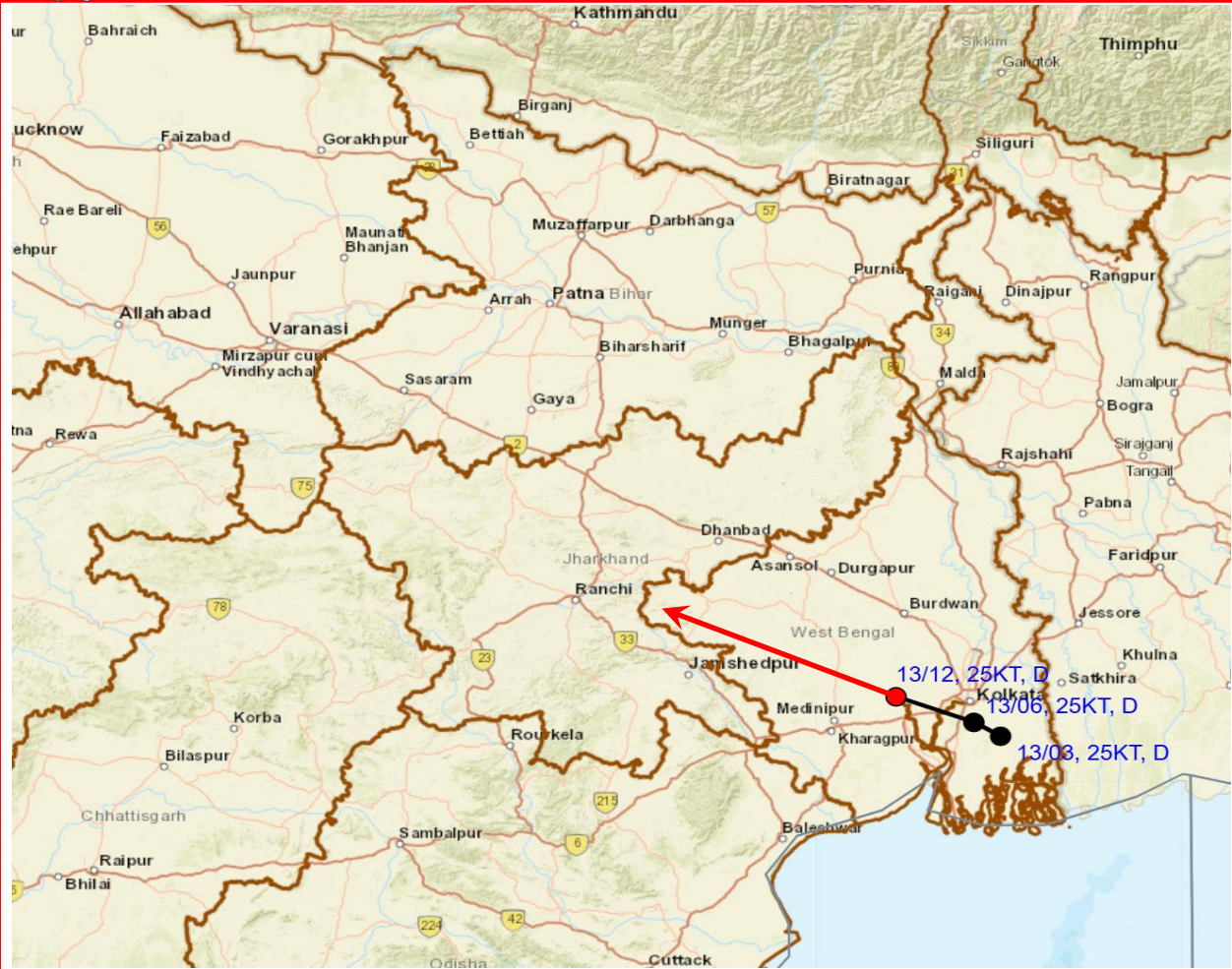
394

909





OBSERVED AND FORECAST TRACK OF DEPRESSION OVER COASTAL WEST BENGAL BASED ON 1200 UTC (1730 Hrs. IST) OF 13TH AUGUST 2026



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)



LESS THAN 34 KT



34-47 KT



≥ 48 KT



OBSERVED TRACK



FORECAST TRACK

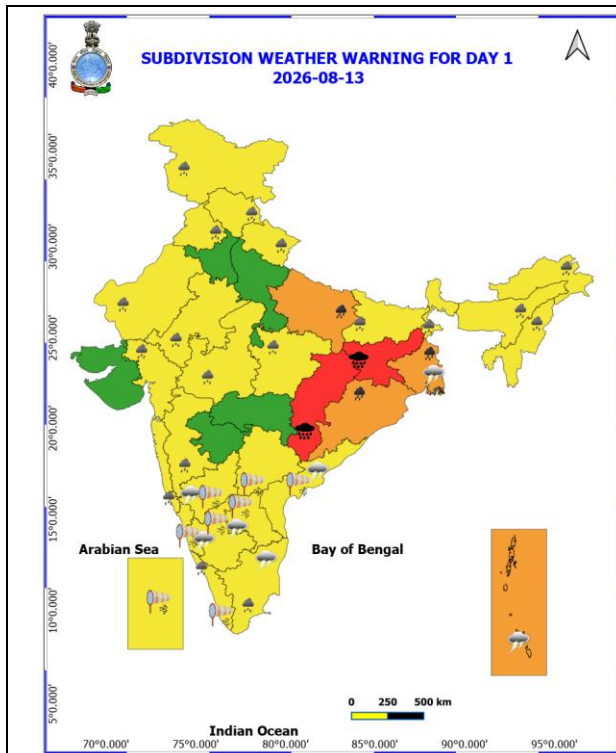


CONE OF UNCERTAINTY

Forecast distance (km) and direction of the centre from nearest 5 coastal stations

Forecast Date and Time	Lead Period (hrs)	Lat	Lon	Station 1	Station 2	Station 3	Station 4	Station 5
13.08.26/1200	0	22.6	87.8	Medinipur (50, ENE)	KOLKATA (60, W)	BANKURA (110, SE)	PURULIA (160, ESE)	JAMSHEDPUR (170, E)

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 | |

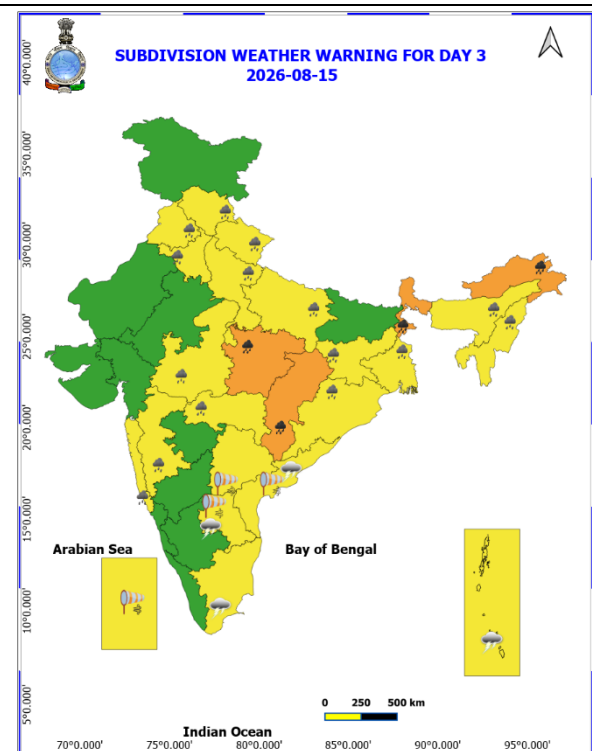
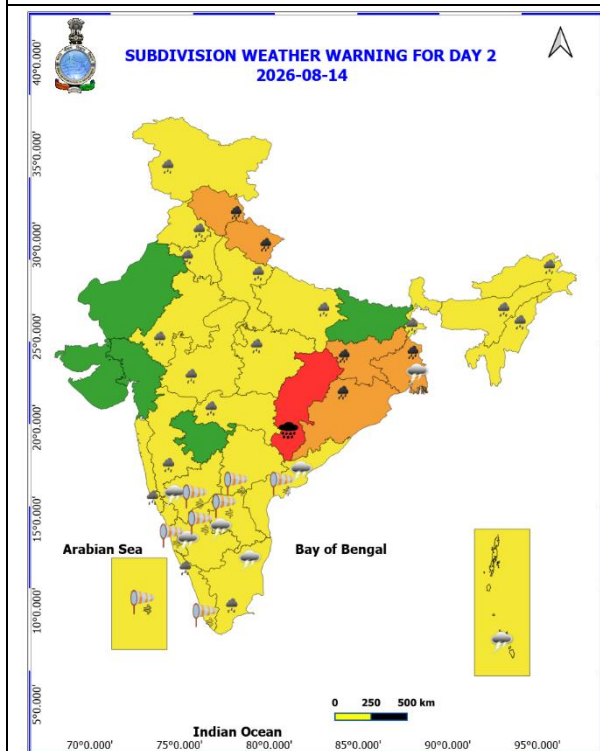
COLOUR CODED WARNING

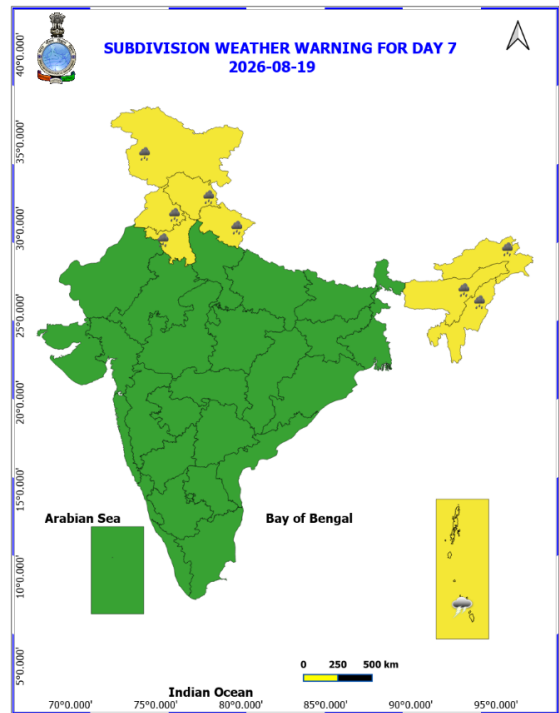
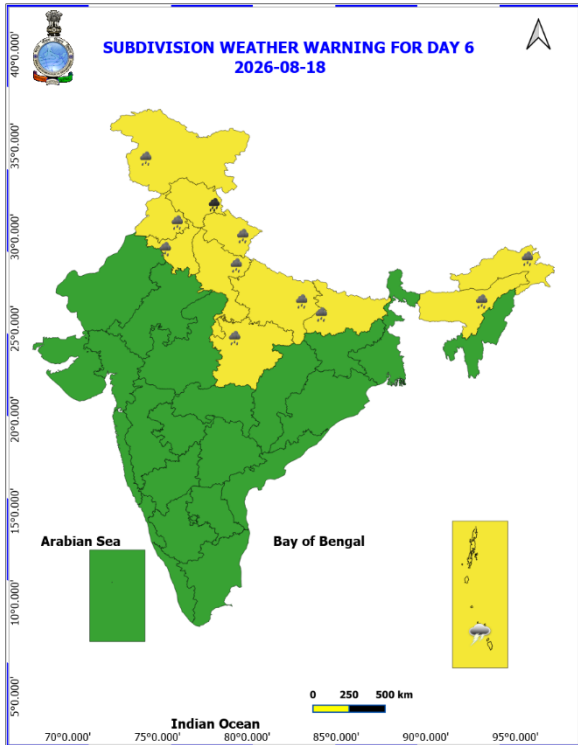
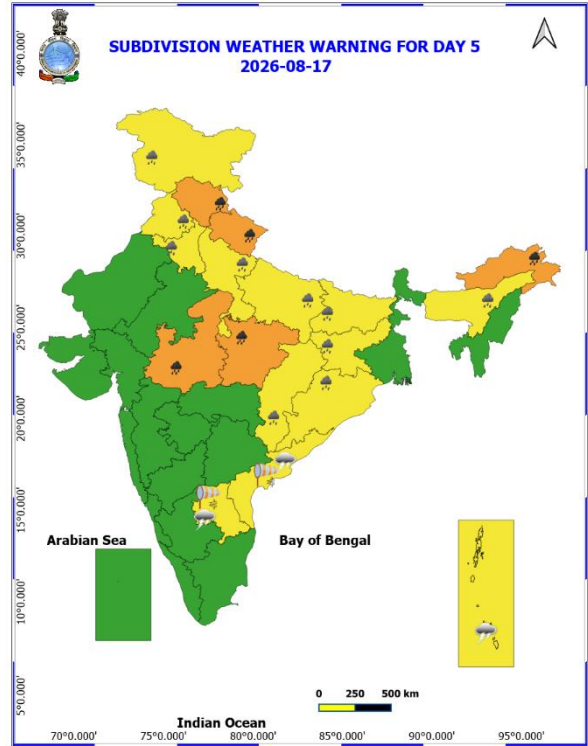
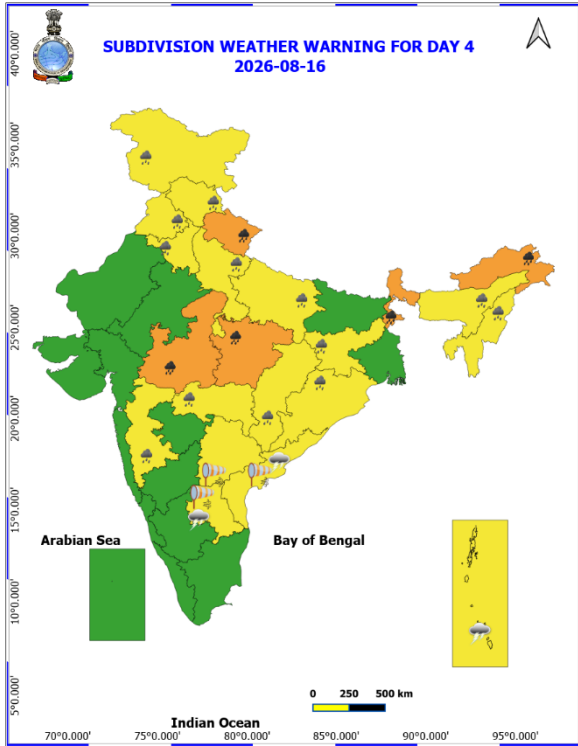
No Warning (No Action)

Watch (Be Aware)

Alert (Be Prepared To Take Action)

Warning (Take Action)





Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 14-08-2026:

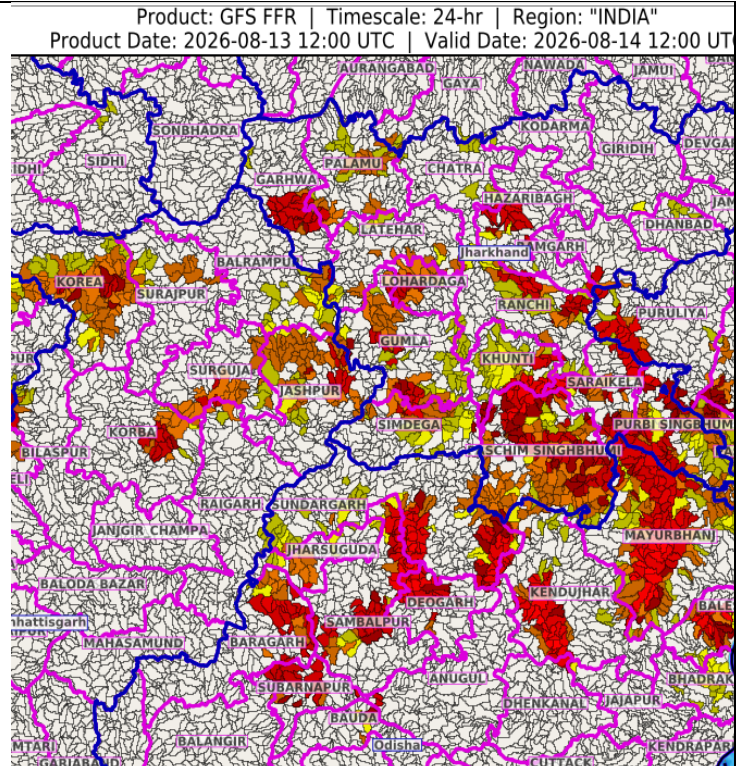
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Chhattisgarh - Balarampur, Bilaspur, Jashpur, Korba, Korea, Surajpur and Surguja districts.

Odisha - Baleshwar, Baragarh, Bhadrak, Deogarh, Jharsuguda, Kendraparha, Kendujhar, Mayurbhanj, Sambalpur, Subarnapur and Sundargarh districts.

Jharkhand - East Singhbhum, Garhwa, Gumla, Hazaribagh, Khunti, 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.



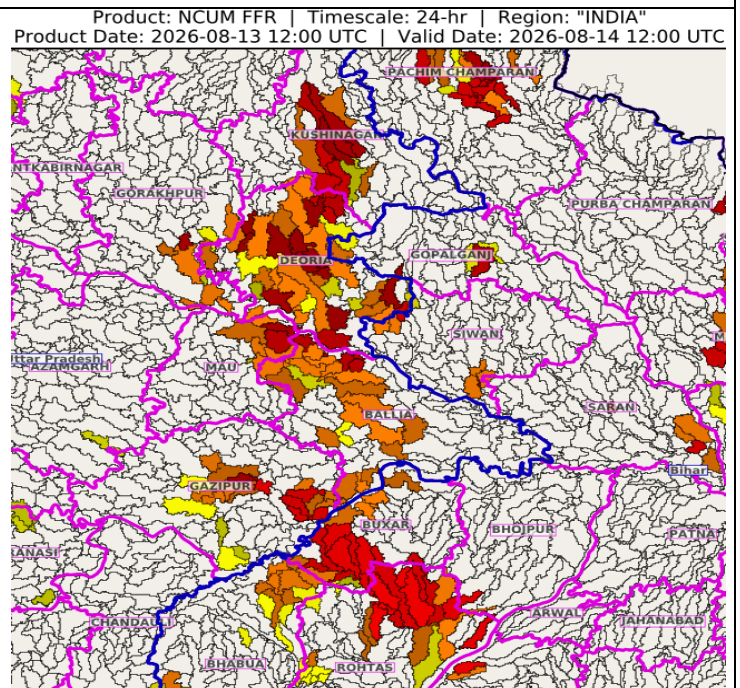
24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 14-08-2026:

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

East Uttar Pradesh - Ballia, Deoria, Gazipur, Gorakhpur, Kushinagar and Mau districts.

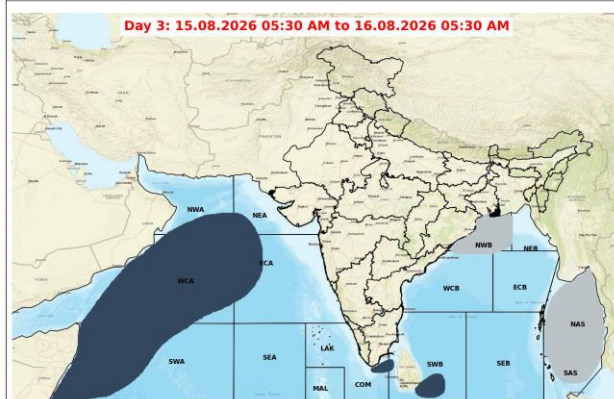
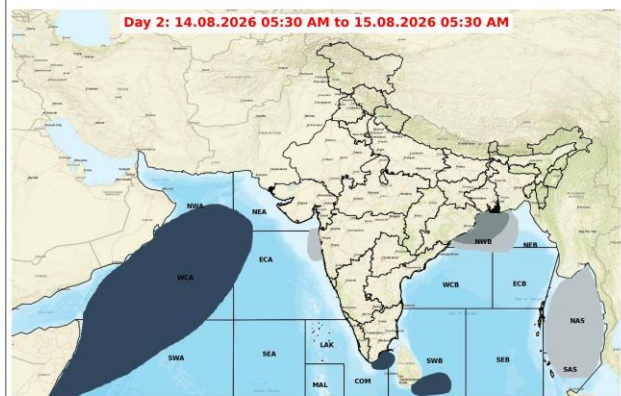
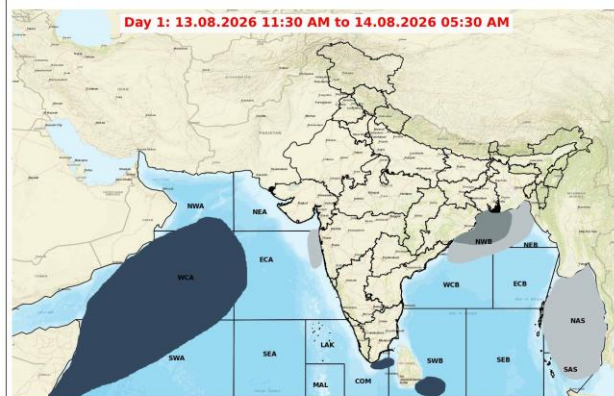
Bihar - Bhabua, Bhojpur, Buxar, Pachim Champaran and Rohtas districts.

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

Fishermen Warning Graphics



Legend

Squally Weather with wind speed 35-45 kmph gusting to 55 kmph	Squally wind with speed 55-65 kmph gusting to 75 kmph
Squally Weather with wind speed 40-50 kmph gusting to 60 kmph	CS with Gale winds with speed 60-80 kmph gusting to 90 kmph
Squally Weather with wind speed 45-55 kmph gusting to 65 kmph	SCS with Gale wind speed 90-110 kmph gusting to 120 kmph
Squally wind with speed 45-55 kmph gusting to 65 kmph	VSCS with Gale wind speed 120-165 kmph gusting to 185 kmph
Squally wind with speed 50-60 kmph gusting to 70 kmph	ESCS with Gale wind speed 165-220 kmph gusting to 245 kmph

Fishermen are advised not to venture into the marked areas.