



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

NATIONAL BULLETIN NO. 4 (BoB/05/2026)

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DATED: 17.08.2026

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Subject: Depression over northern parts of Gangetic West Bengal & neighbourhood

Depression over coastal West Bengal and adjoining areas of Bangladesh & northwest Bay of Bengal moved north-northwestwards with a speed of 18 kmph during past 6 hours and lay centred at 1730 hrs IST of today, the 17th August, 2026, over northern parts of Gangetic West Bengal & neighbourhood, near latitude 23.6°N and longitude 87.7°E, close to south of Shanti Niketan (West Bengal), about 70 km east-northeast of Bankura (West Bengal), 90 km south-southeast of Dumka (Jharkhand), 130 km east of Dhanbad (Jharkhand) and 130 km east-northeast of Purulia (West Bengal).

It is very likely to move northwestwards for some time and then west-northwestwards across Gangetic West Bengal, Jharkhand and Bihar 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 with isolated extremely heavy falls (≥ 21 cm) is very likely on 17th August; Heavy rainfall at isolated places on 18th August.

Odisha: Light to moderate rainfall at most places with heavy to very heavy rainfall at a few places with isolated extremely heavy falls (≥ 21 cm) is very likely over north Odisha on 17th August; heavy to very heavy rainfall at isolated places on 18th August.

Jharkhand: Light to moderate rainfall at most places with heavy to very heavy rainfall at a few places is very likely on 17th August; heavy to very heavy rainfall at a few places & extremely heavy rainfall at isolated places on 18th August; heavy rainfall at isolated places on 19th 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 17th August; heavy to very heavy rainfall at isolated places on 18th August and heavy rainfall at isolated places on 19th August.

Bihar: Light to moderate rainfall at most places with heavy rainfall at isolated places is likely on 17th August; heavy to very heavy on 18th August.

East Uttar Pradesh: Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places is likely on 17th August; heavy during 18th -19th August.

East Madhya Pradesh: Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places is likely during 17th -19th August.

(ii) Wind Warning:

❖ Squally winds with speed reaching 45-55 kmph gusting to 65 kmph are likely to prevail over North Bay of Bengal & along and off West Bengal-Bangladesh; Odisha & north Andhra Pradesh coasts till evening of 18th August and becoming 40-50 kmph gusting to 60 kmph over the same region till evening of 19th August. It would decrease gradually thereafter.

(iii) Squally winds with speed reaching 35-45 kmph gusting to 55 kmph are likely over northern parts of Gangetic West Bengal & adjoining Jharkhand till morning of 18th August; over Jharkhand and adjoining Bihar & north Chhattisgarh till morning of 19th August.

(iv) Sea Condition:

❖ **Sea condition is very likely to be very rough to rough** over North Bay of Bengal & along and off West Bengal-Bangladesh; Odisha & north Andhra Pradesh coasts till 18th August and improve gradually thereafter.

(iv) Fishermen Warning (Graphics Attached):

❖ Fishermen are advised not to venture into North Bay of Bengal & along and off West Bengal-Bangladesh; Odisha & north Andhra Pradesh coasts till 18th August.

(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 18th August, 2026.

(Ananda Kumar Das)
IMD, New Delhi

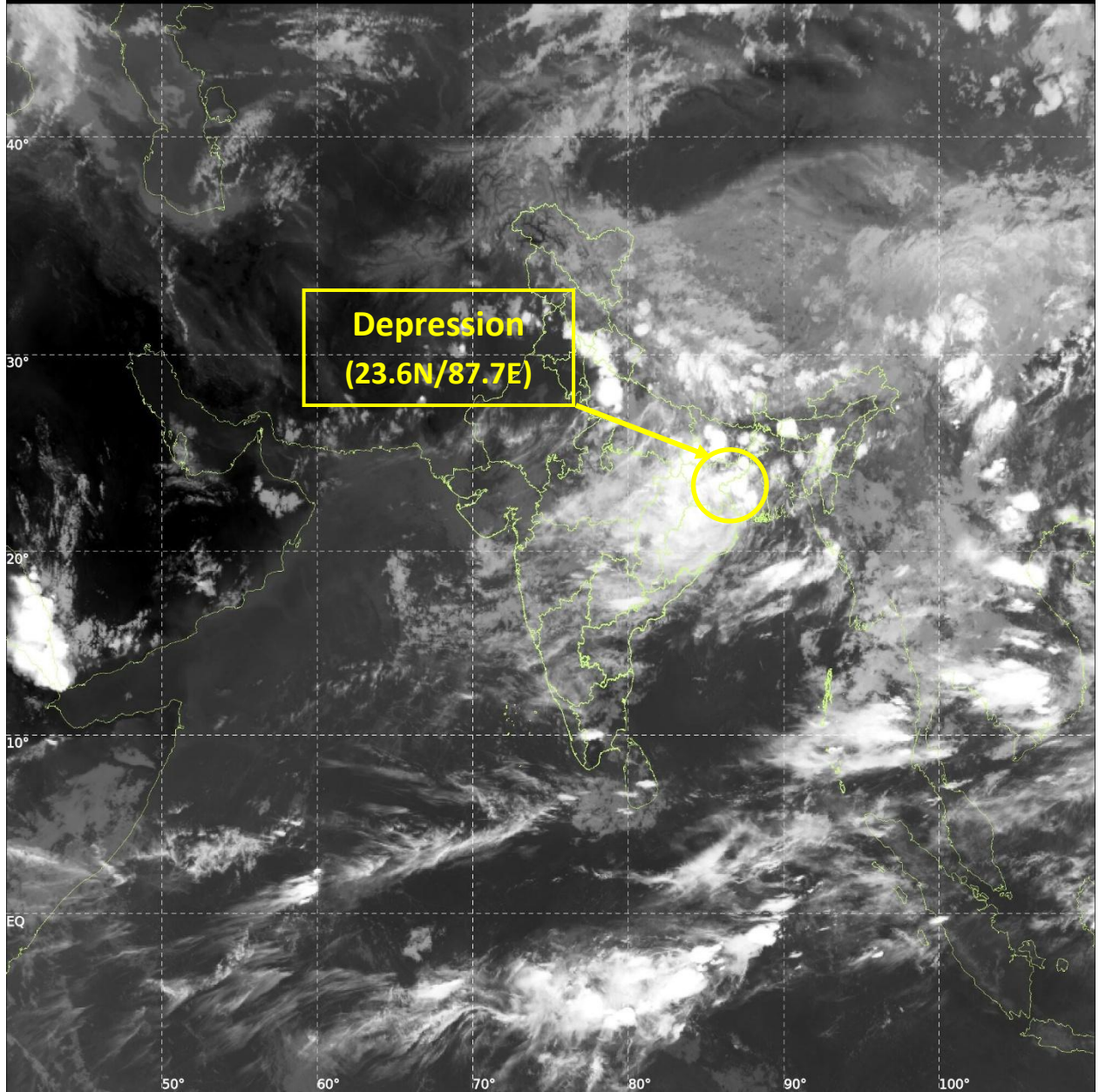
Copy to: ACWC Kolkata/ACWC Chennai/CWC Bhubaneswar/CWC Vishakhapatnam/Regional Meteorological Centre Lucknow, Nagpur/ Meteorological Centre – Raipur/ Ranchi/ Patna/Bhopal



INSAT-3DS IMG, Thermal Infrared1 Count @ 10.83 μm
GMT:17-08-2026/(1430-1457) IST:17-08-2026/(2000-2027)
LIC MERCATOR (LINEAR STRETCH: 1%)

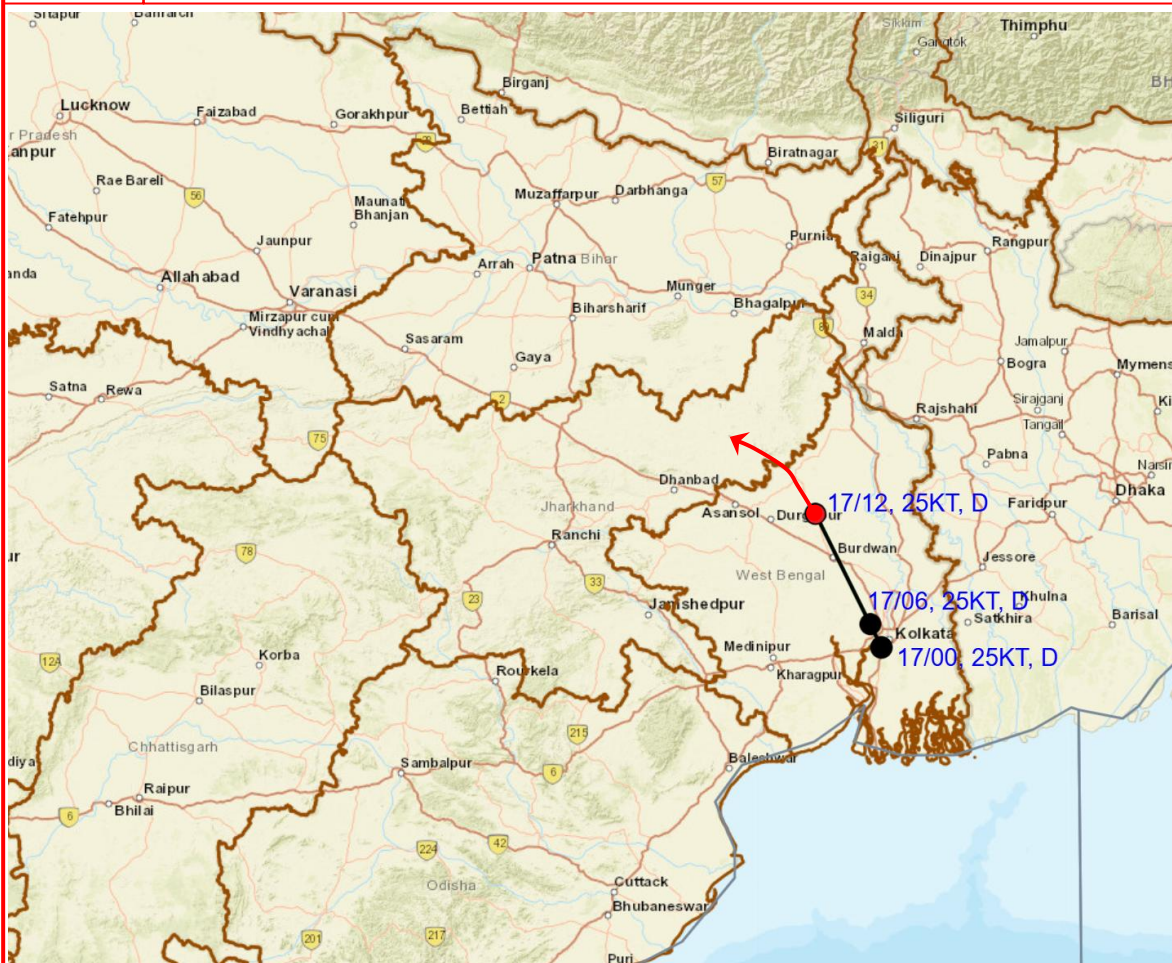
415

900





**OBSERVED AND FORECAST TRACK OF DEPRESSION OVER
NORTHERN PARTS OF GANGETIC WEST BENGAL &
NEIGHBOURHOOD BASED ON 1200 UTC (1730 Hrs. IST) OF 17TH
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

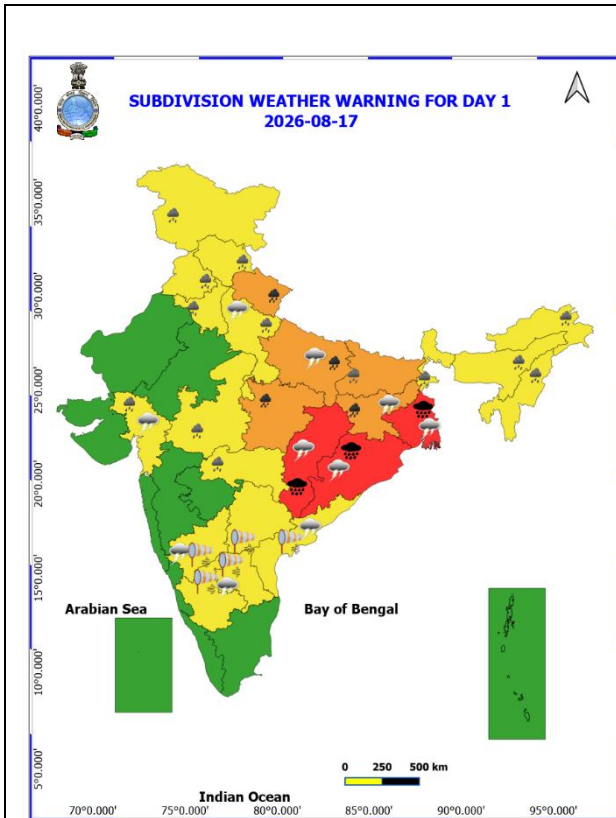


CONE OF UNCERTAINTY

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
17.08.26/1200	0	23.6	87.7	Bankura (West Bengal (70, ENE)	Dumka (Jharkhand) (90, SSE)	Dhanbad (Jharkhand) (130, E)	Purulia (West Bengal (130, ENE)

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 | |

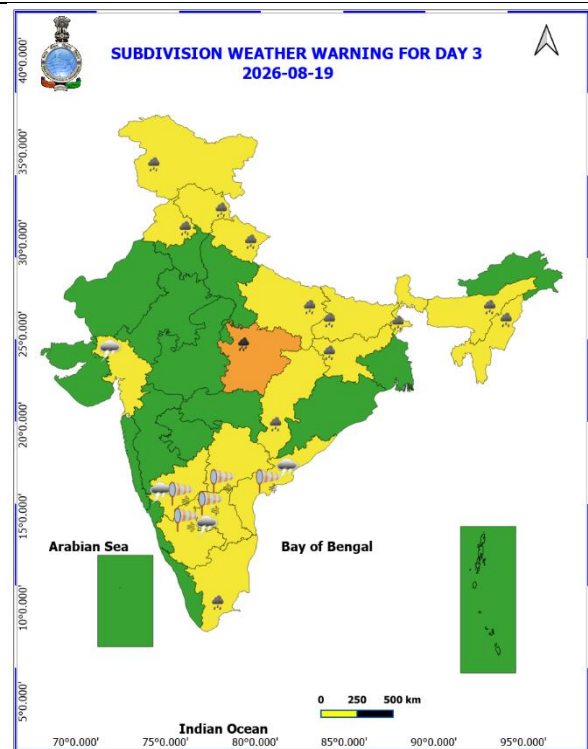
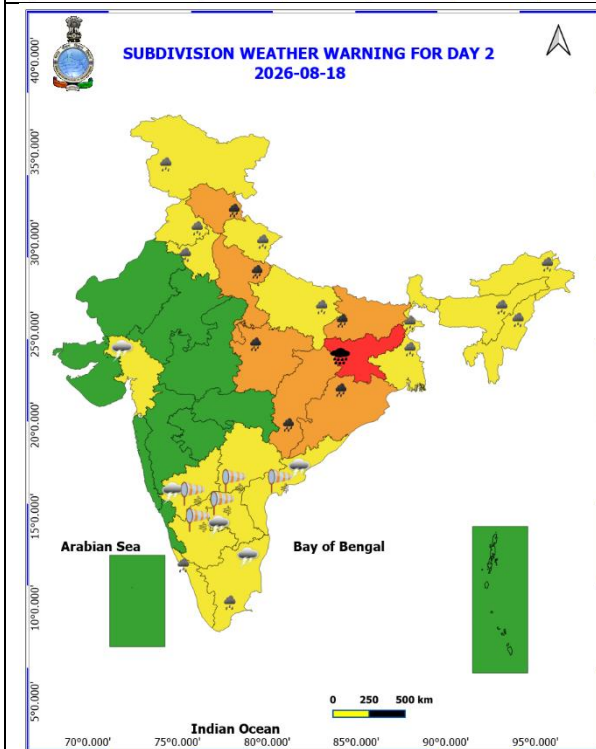
COLOUR CODED WARNING

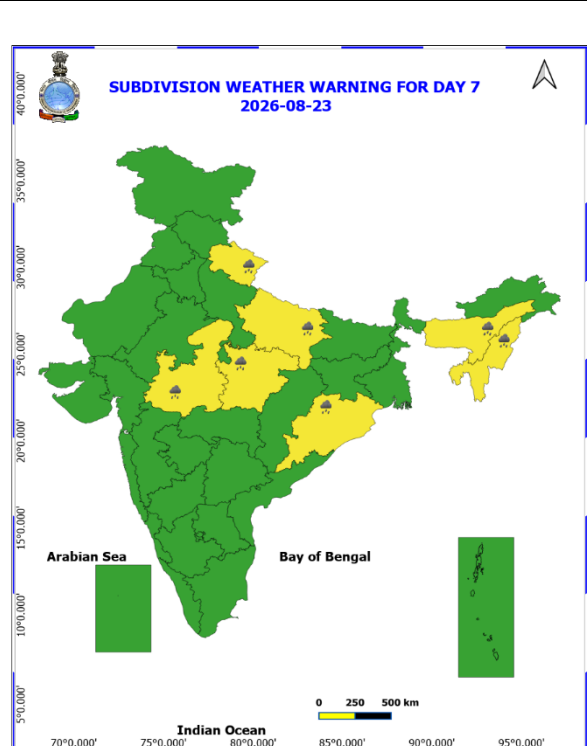
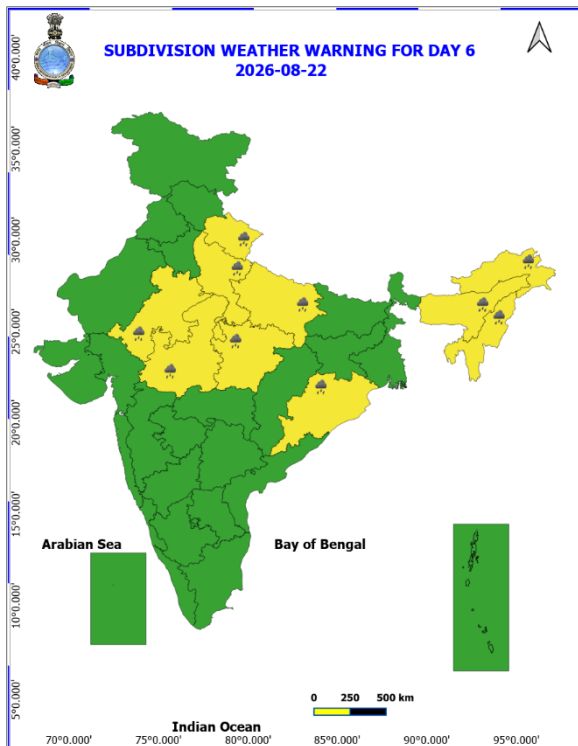
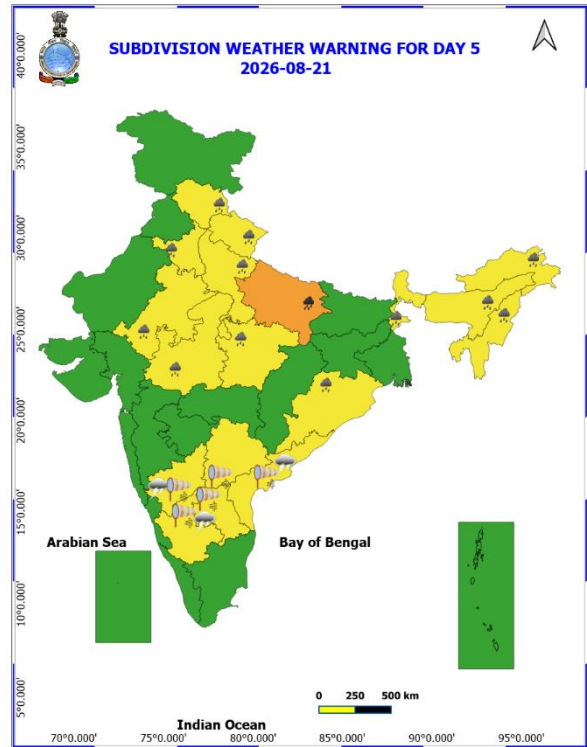
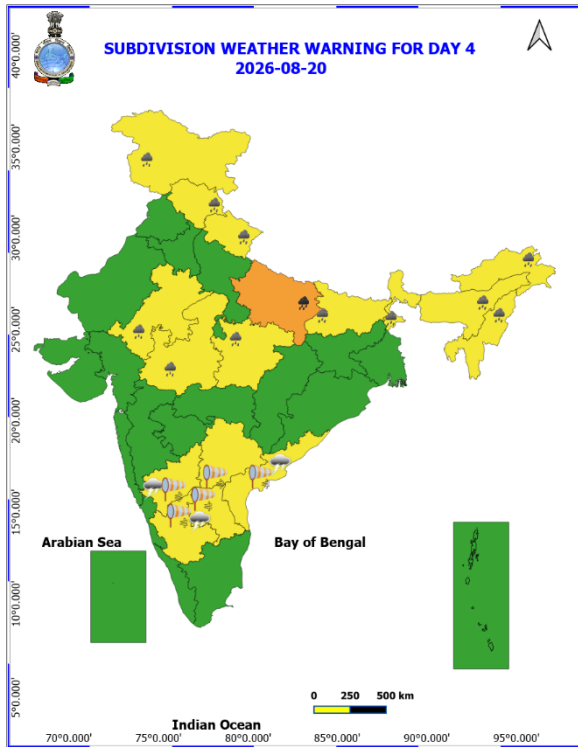
No Warning (No Action)

Watch (Be Aware)

Alert (Be Prepared To Take Action)

Warning (Take Action)





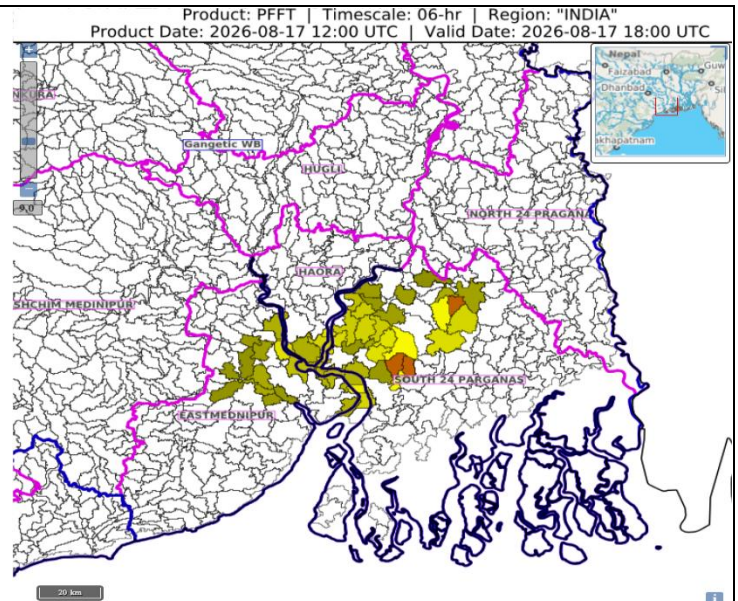
Flash Flood Guidance System

Persistent Flash Flood Threat (PFFT) till 2330 IST of 17-08-2026 :

Low flash flood threat likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 6 hours.

Gangetic West Bengal - East Midnapore, Howrah, South 24 Parganas 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 6 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 18-08-2026 :

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

Gangetic West Bengal - Bankura, East Midnapore, Howrah, Nadia, North 24 Parganas, Purulia, South 24 Parganas and West Midnapore districts.

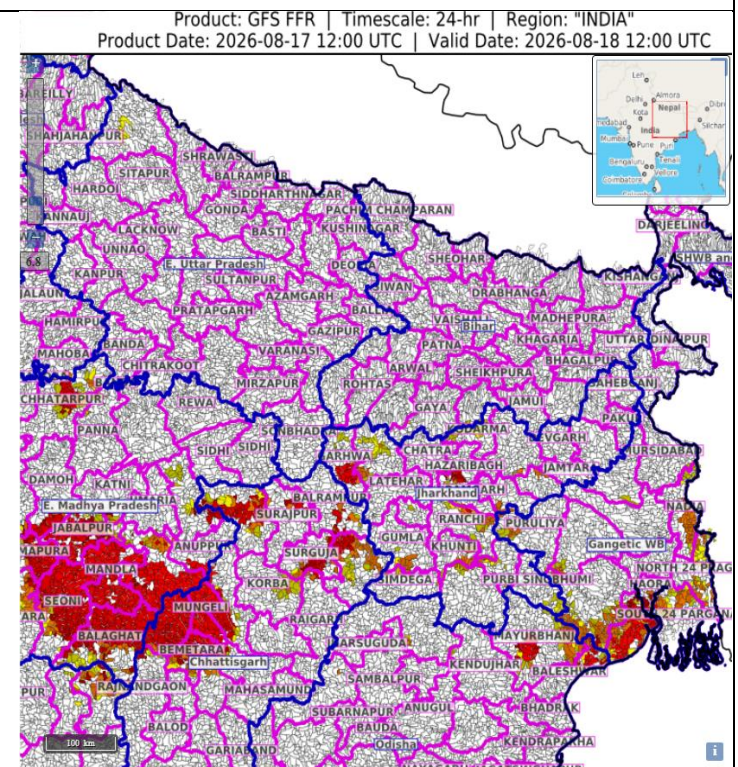
Odisha – Baleshwar and Mayurbhanj, districts.

Jharkhand - Dhanbad, East Singhbhum, Garhwa, Gumla, Hazaribag, Khunti, Palamu, Ranchi, Seraikela-Kharsawan, Simdega and West Singhbhum districts.

Chhattisgarh -Balrampur, Bilaspur, Baloda Bazar, Bemetara, Jashpur, Kabirdham, Kawardha, Korba, Kores, Mungeli, Surajpur and Surguja districts.

East Madhya Pradesh - Anuppur, Balaghat, Chhatarpur, Damoh, Dindori, Jabalpur, Katni, Mandla, Narsinghpur, Sagar, Seoni, Shahdol, Sidhi and Umaria 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.



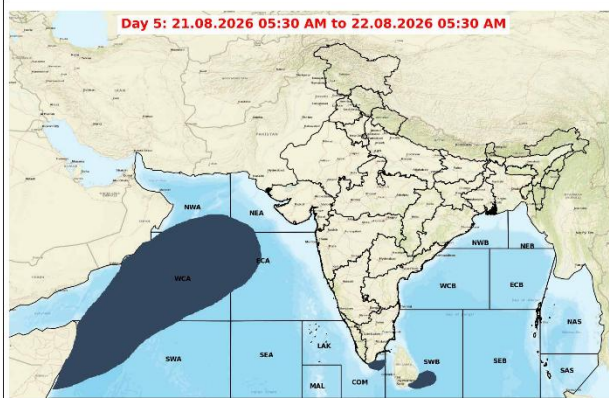
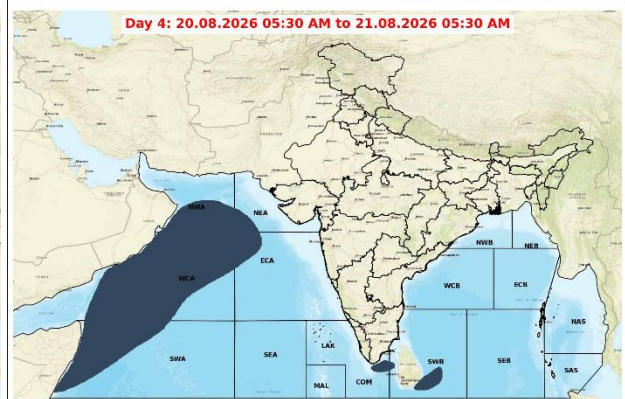
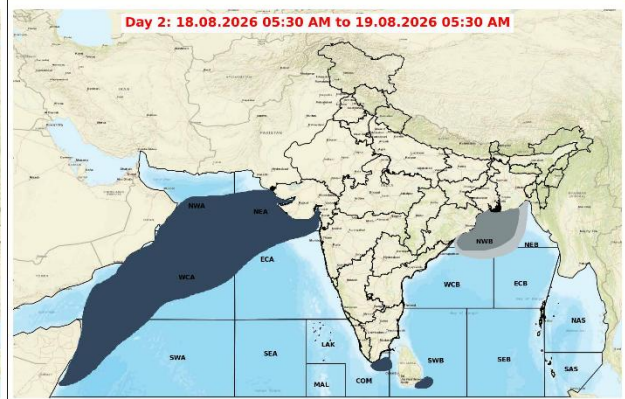
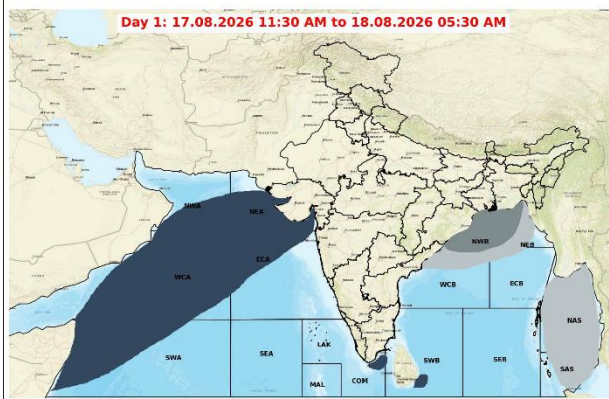
Flash Flood Threat

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

Flash Flood Risk

	High Risk (Take Action)
	Moderate Risk (Be Prepared)
	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.