



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

NATIONAL BULLETIN NO. 1 (BoB/05/2026)

TIME OF ISSUE: 0900 HOURS IST

DATED: 17.08.2026

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, GOVT. OF ODISHA (FAX NO. 0674-2536660)

CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX NO. 033-22144328)

CHIEF SECRETARY, GOVT. OF ANDHRA PRADESH (FAX NO. 0863-2441029)

CHIEF SECRETARY, GOVT. OF JHARKHAND (FAX NO. 0651-2400255)

CHIEF SECRETARY, GOVT. OF CHHATTISGARH (FAX NO. 0771-2221206)

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

Subject: Depression over coastal West Bengal and adjoining areas of Bangladesh & northwest Bay of Bengal

Yesterday's well marked low pressure area over northwest Bay of Bengal & adjoining West Bengal-north Odisha coasts moved nearly northwestwards, concentrated into a Depression and lay centred at 0530 hrs IST of today, the 17th August, 2026, over coastal West Bengal and adjoining areas of Bangladesh & northwest Bay of Bengal near latitude 22.5°N and longitude 88.3°E close to Kolkata about 80km west-southwest of Satkhira (Bangladesh), 160km southeast of Bankura (West Bengal), and 180 km northeast of Baleshwar (Odisha).

It is very likely to move northwestwards towards Jharkhand across Gangetic West Bengal 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 to very 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 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 over on 17th & 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 isolated places is very likely over on 17th August; heavy rainfall at isolated places on 18th August.

Bihar: Light to moderate rainfall at most places with heavy rainfall at isolated places is likely during 17th -20th 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 18th August. It would decrease gradually thereafter.

- (iii) 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 18th morning August and over south Jharkhand, & adjoining north interior Odisha & north Chhattisgarh from 18th morning for subsequent 12 hours.

(iv) Sea Condition:

- ❖ **Sea condition is very likely to be rough to very 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 kucha 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 1200 hours IST of today, the 17th August, 2026.

(Umasankar Das)
IMD, New Delhi

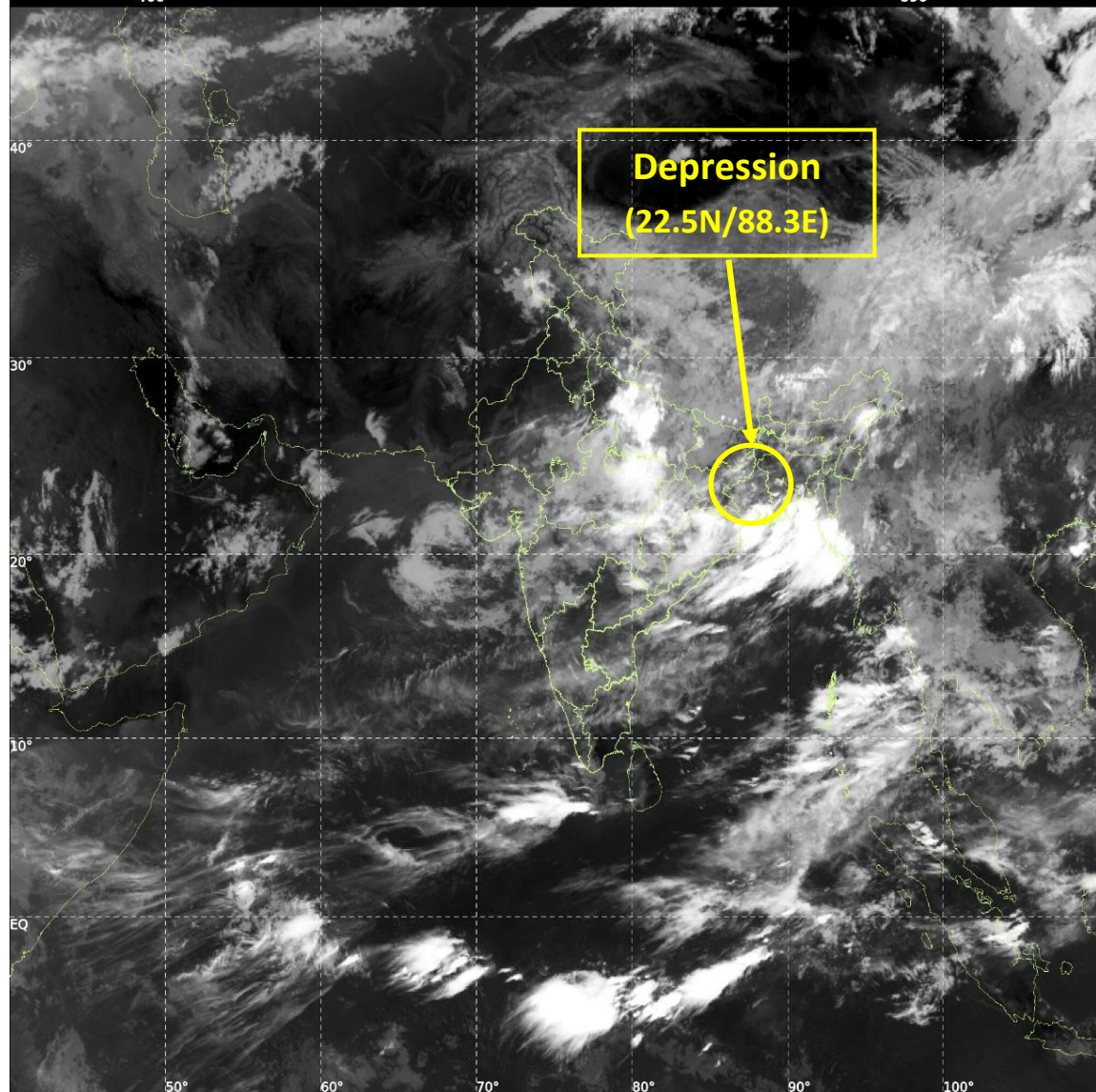
Copy to: ACWC Kolkata/ACWC Chennai/CWC Bhubaneswar/CWC Vishakhapatnam/Regional Meteorological Centre / Meteorological Centre – Raipur/ Ranchi/ Patna



INSAT-3DS IMG, Thermal Infrared1 Count @ 10.83 μm
GMT:17-08-2026/(0230-0257) IST:17-08-2026/(0800-0827)
LIC MERCATOR (LINEAR STRETCH: 1%)

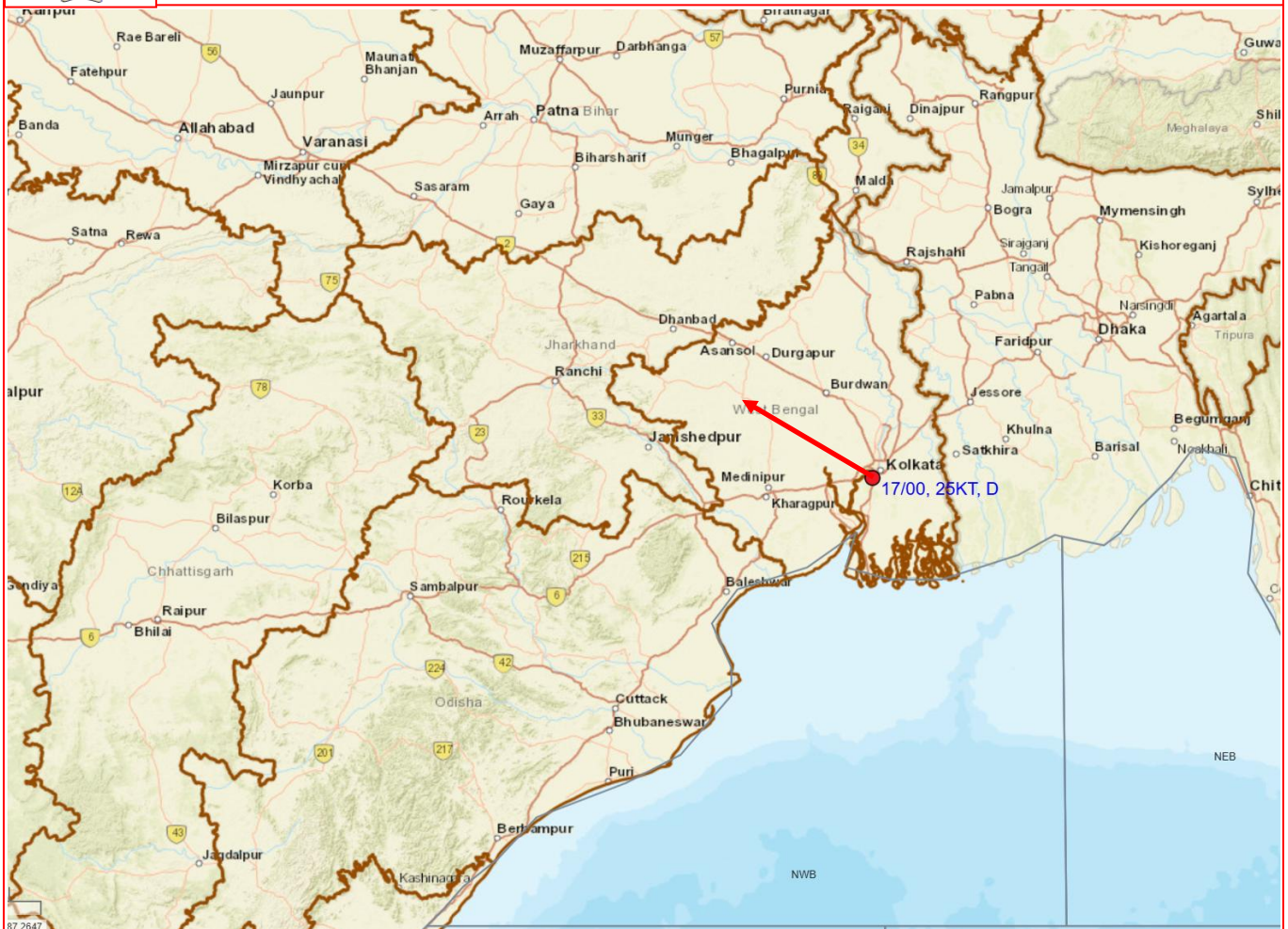
466

890





OBSERVED AND FORECAST TRACK OF DEPRESSION OVER COASTAL WEST BENGAL AND ADJOINING AREAS OF BANGLADESH & NORTHWEST BAY OF BENGAL BASED ON 0000 UTC (0530 Hrs. IST) OF 17TH AUGUST 2026



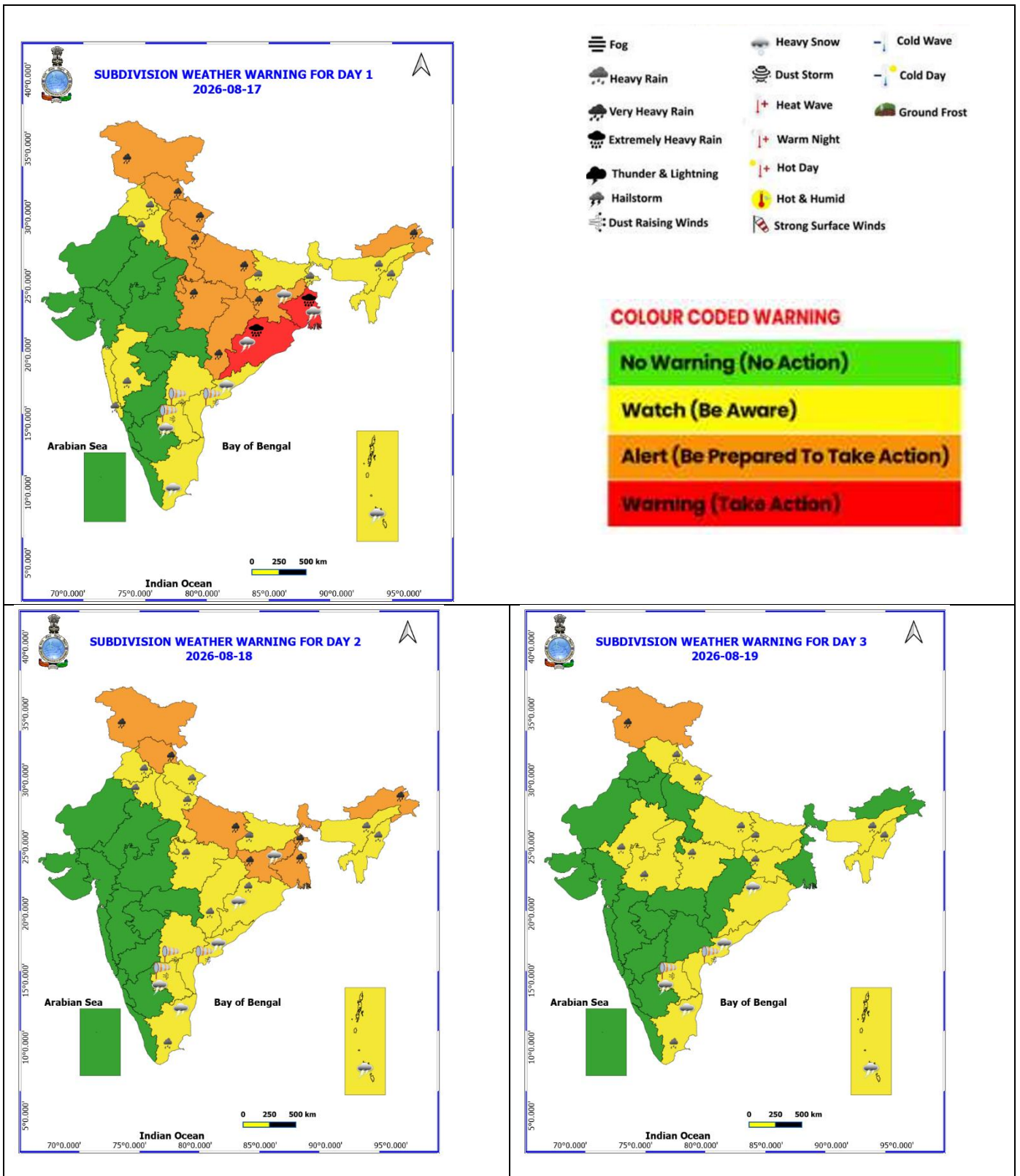
DATE/TIME IN UTC
IST=UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
EUSCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)
SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

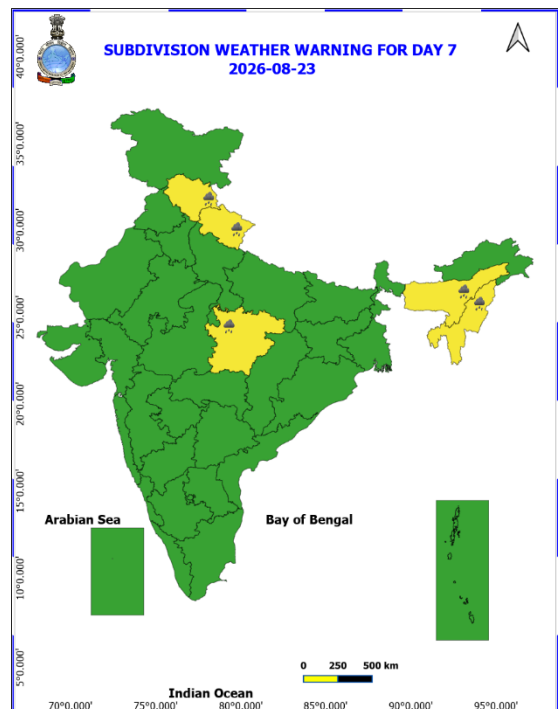
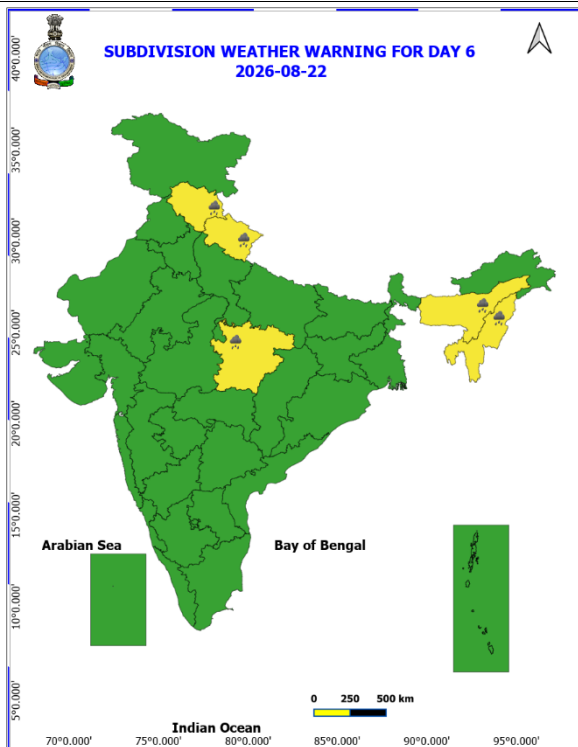
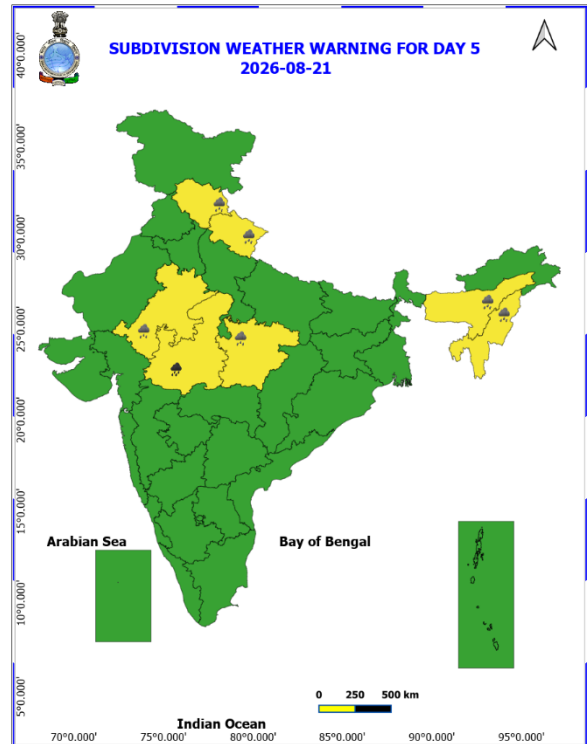
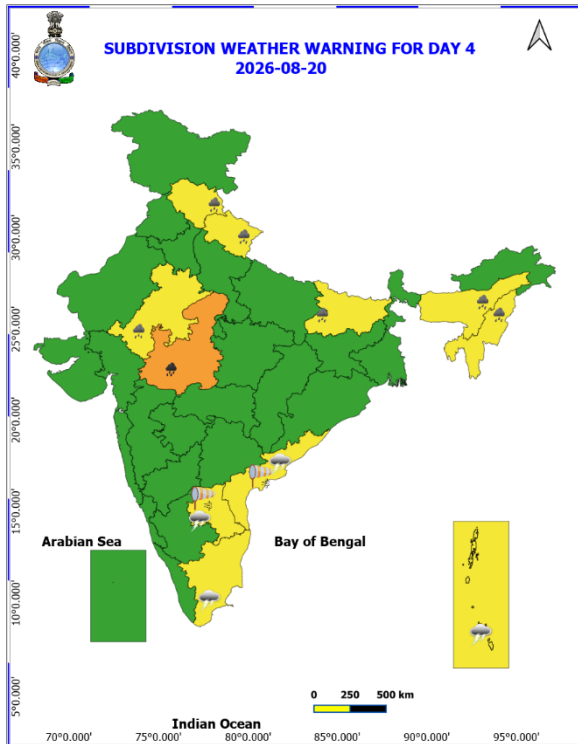
- LESS THAN 34 KT
- 34-47 KT
- ≥ 48 KT
- OBSERVED TRACK
- FORECAST TRACK
- ▲ CONE OF UNCERTAINTY

Forecast distance (km) and direction of the centre from nearest 3 coastal stations

Forecast Date and Time	Lead Period (hrs)	Lat	Lon	Station 1	Station 2	Station 3
17.08.26/0000	0	22.5	88.3	SATKHIRA (80, WSW)	BANKURA (160, SE)	BALESHWAR (180, NE)

Weather Warning Graphics



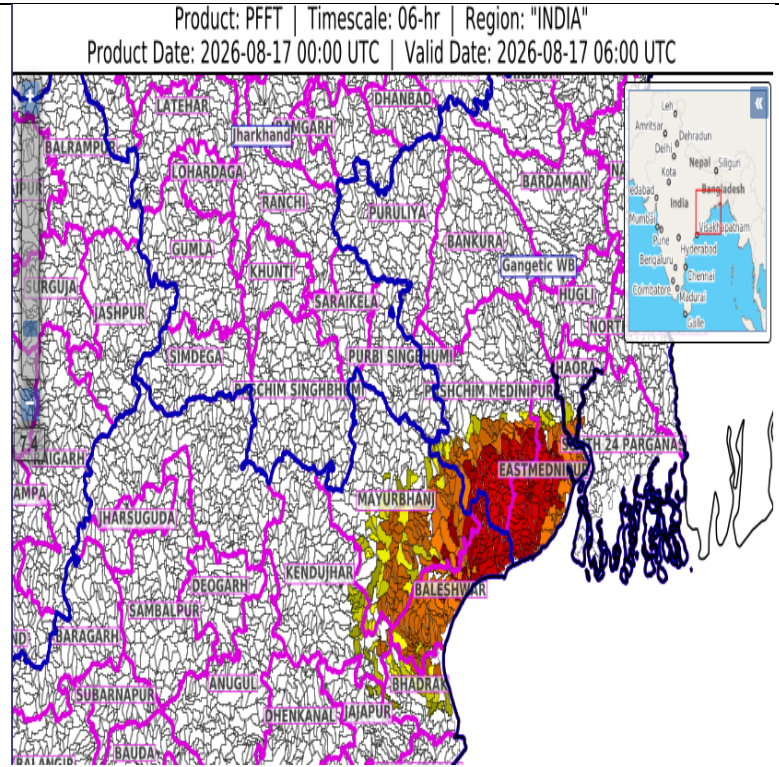


Persistent Flash Flood Threat (PFFT) till 1130 IST of 17-08-2026 :

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

Odisha - Balasore, Bhadrak, Jajpur, Keonjhar and Mayurbhanj districts.
Gangetic West Bengal - East Midnapore, Howrah, Jhargram, South 24 Parganas and West Midnapore 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 0530 IST of 18-08-2026 :

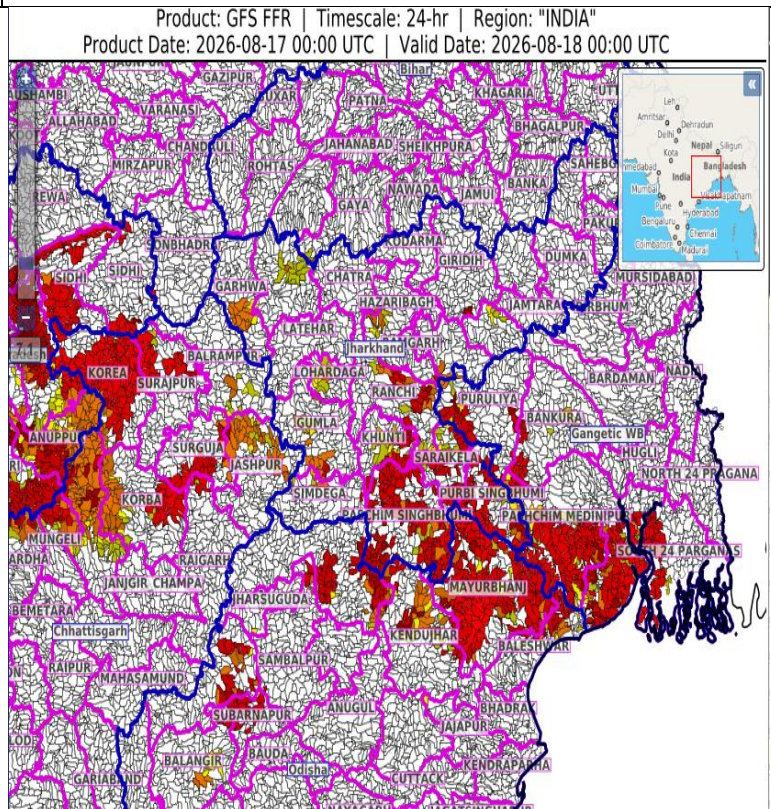
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Chhattisgarh - Bilaspur, Jashpur, Kabirdham, Korba, Koriya, Mungeli, Surajpur and Surguja districts.
Odisha - Balangir, Balasore, Bargarh, Keonjhar, Mayurbhanj and Sundargarh districts.

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

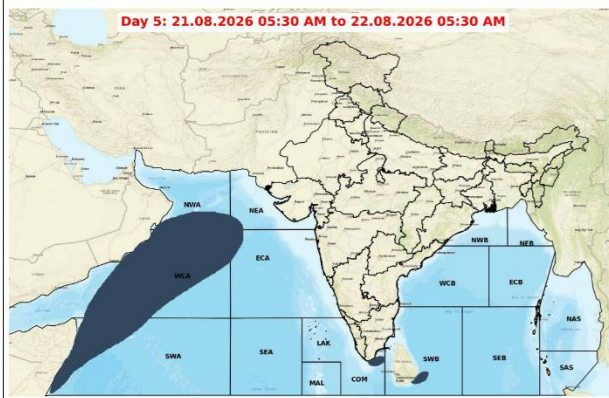
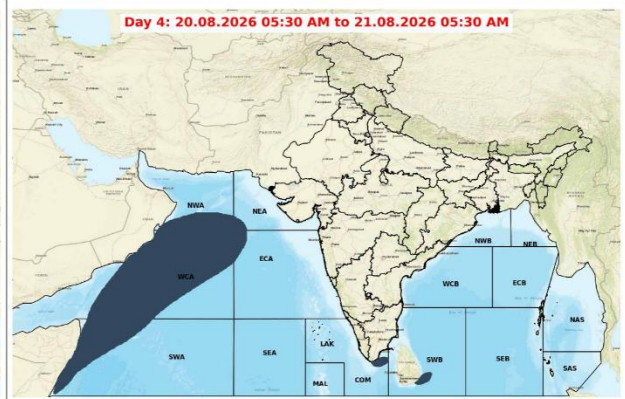
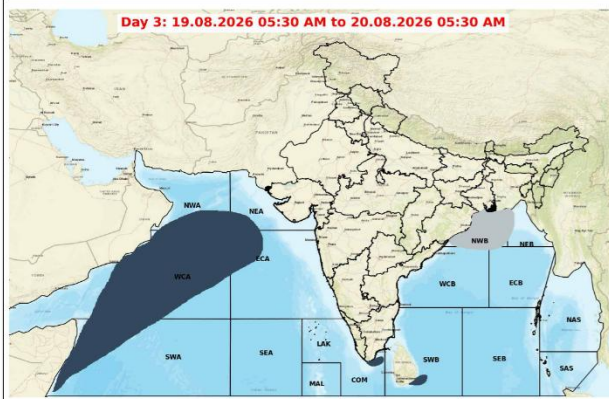
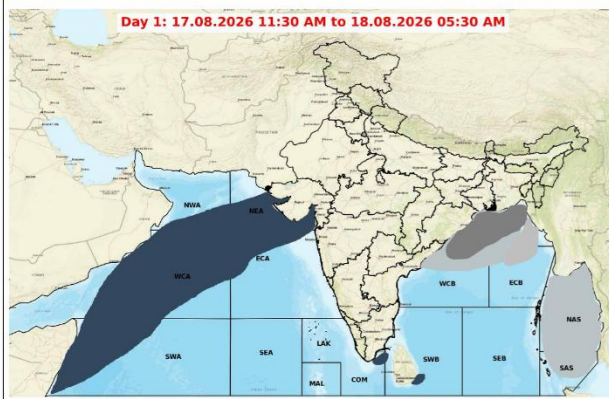
Jharkhand - Bokaro, East Singhbhum, Garhwa, Giridih, Gumla, Khunti, Lohardaga, Palamu, Ranchi, Seraikela-Kharsawan, Simdega and West Singhbhum districts.

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.



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.