



**India Meteorological Department
(Ministry of Earth Sciences)
NATIONAL BULLETIN NO. 5 (BoB/03/2026)**

TIME OF ISSUE: 0845 HOURS IST

DATED: 27.07.2026

FROM: INDIA METEOROLOGICAL DEPARTMENT

(FAX NO. 24643965/24699216/24623220)

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Subject: Deep Depression over northwest Bay of Bengal and adjoining areas of West Bengal-North Odisha coasts

The Depression over northwest Bay of Bengal and adjoining areas of North Odisha-West Bengal coasts moved very slowly northwards with the speed of 3 kmph during past 6 hours, intensified into a deep depression and lay centred at 0530 hrs IST of today, the 27th July 2026, over West Bengal-North Odisha coasts near latitude 21.3°N and longitude 88.1°E, about 40 km south of Sagar Island (West Bengal), 70 km east-southeast of Digha (West Bengal), 100 km south of Diamond Harbour (West Bengal), 120 km east-southeast of Balasore (Odisha) and 120 km south-southwest of Canning (west Bengal).

It is very likely to move nearly north-northwestwards and cross West Bengal-north Odisha coasts between Balasore & Canning around afternoon of today, the 27th July 2026.

Warnings:

(i) Rainfall Warning:

Odisha: Light to moderate rainfall at most places with heavy rainfall at a few places and very heavy to extremely heavy rainfall (≥ 21 cm) at isolated places on 27th July; heavy to very heavy rainfall at isolated places on 28th July and heavy rainfall at isolated places during 29th- 30th July.

Chhattisgarh: Light to moderate rainfall at most places with heavy to very heavy rainfall at a few places on 27th & 28th July and heavy rainfall at isolated places on 29th & 30th July.

Gangetic West Bengal: Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places on 27th and heavy rainfall at isolated places on 28th July.

Jharkhand: Light to moderate rainfall at most places with heavy rainfall at isolated places during 27th -28th July.

Bihar: Light to moderate rainfall at most places with heavy rainfall at isolated places 28th -30th July.

East Madhya Pradesh: Light to moderate rainfall at most places with heavy rainfall at isolated places on 27th & 28th July; heavy to very heavy rainfall at isolated places on 29th & 30th July.

West Madhya Pradesh: Light to moderate rainfall at most places with heavy rainfall at isolated places on 28th & 29th July; heavy to very heavy rainfall at isolated places on 30th July.

East Uttar Pradesh: Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places during 27th -30th July.

West Uttar Pradesh: Light to moderate rainfall at most places with heavy rainfall at isolated places on 27th July with heavy to very heavy rainfall at isolated places 28th -30th July.

(ii) Wind Warning:

- ❖ Squally winds with speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail over North Bay of Bengal & adjoining Odisha-West Bengal-north Andhra Pradesh coasts till morning of 28th July and decrease gradually thereafter.
- ❖ Squally winds with speed reaching 40-50 gusting to 60 kmph are likely to prevail over central and northeast Bay of Bengal during 27th - 28th July.

(iii) Sea Condition:

- ❖ **Sea condition is very likely to be rough to very rough** over northwest Bay of Bengal, along & off Odisha, West Bengal and north Andhra Pradesh coasts till 27th July. It is likely to improve becoming rough over the same region from 28th morning and likely to improve gradually thereafter.
- ❖ **Sea condition is very likely to be rough** over central and northeast Bay of Bengal till 28th July and improve gradually thereafter.

(iv) Fishermen Warning (Graphics Attached):

- ❖ Fishermen are advised not to venture into northwest Bay of Bengal, along & off Odisha, West Bengal and north Andhra Pradesh coasts till 29th July.
- ❖ Fishermen are advised not to venture into central and northeast Bay of Bengal during till 28th July.

(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.
- ❖ 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.

Next bulletin will be issued at 1230 hours IST of today, the 27th July, 2026.

(D.R. Pattanaik)
RSMC, IMD, New Delhi

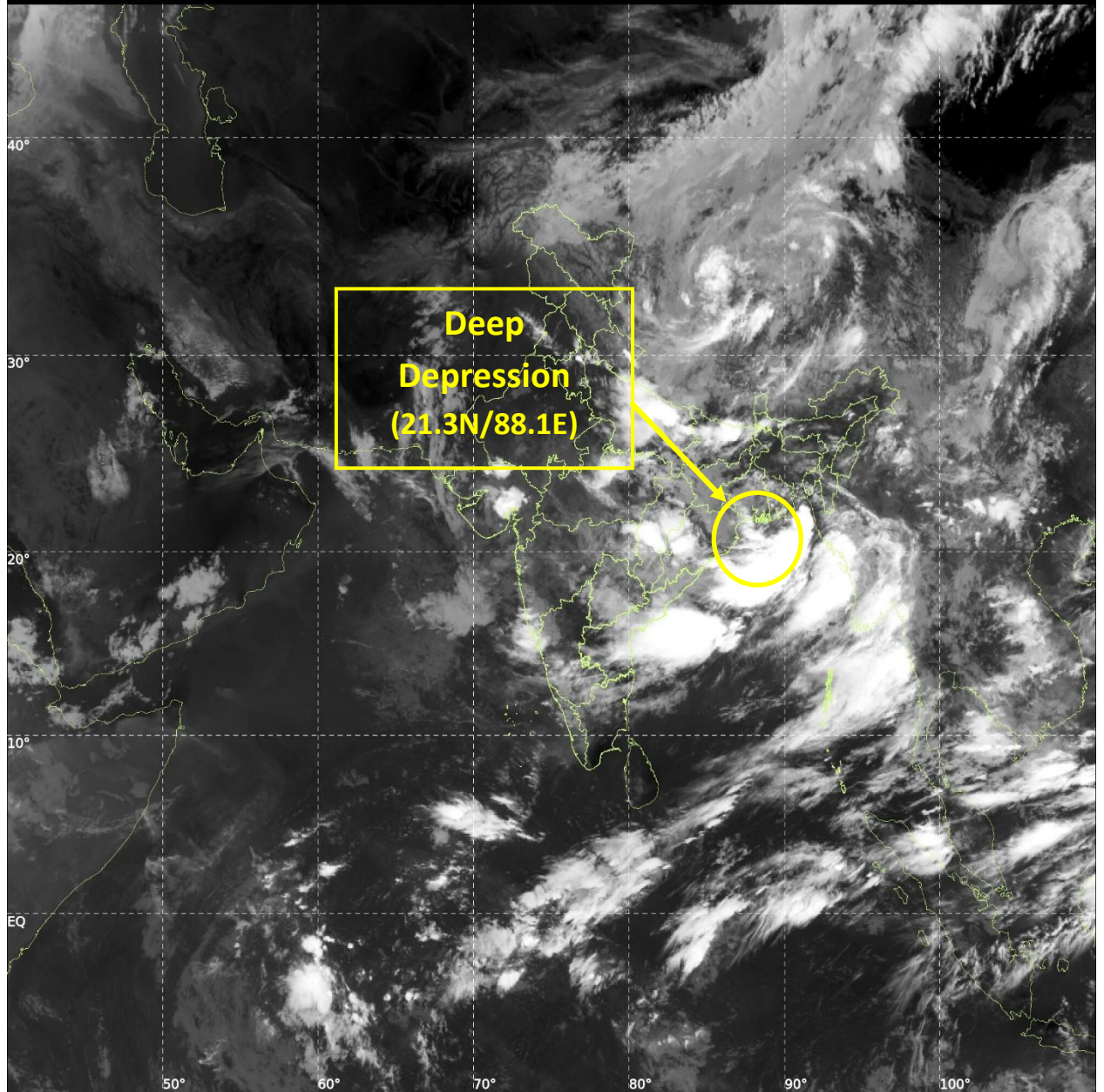
*Copy to: ACWC Kolkata/ACWC Chennai/CWC Bhubaneswar/CWC
Vishakhapatnam/Regional Meteorological Centre – Nagpur/ Meteorological Centre –
Raipur/ Ranchi/ Patna/Bhopal/Lucknow*



INSAT-3DS IMG, Thermal Infrared1 Count @ 10.83 μm
GMT:27-07-2026/(0230-0257) IST:27-07-2026/(0800-0827)
L1C MERCATOR (LINEAR STRETCH: 1%)

450

909





OBSERVED AND FORECAST TRACK OF DEEP DEPRESSION OVER NORTHWEST BAY OF BENGAL AND ADJOINING AREAS OF WEST BENGAL-NORTH ODISHA COASTS BASED ON 0000 UTC (0530 Hrs. IST) OF 27TH JULY 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

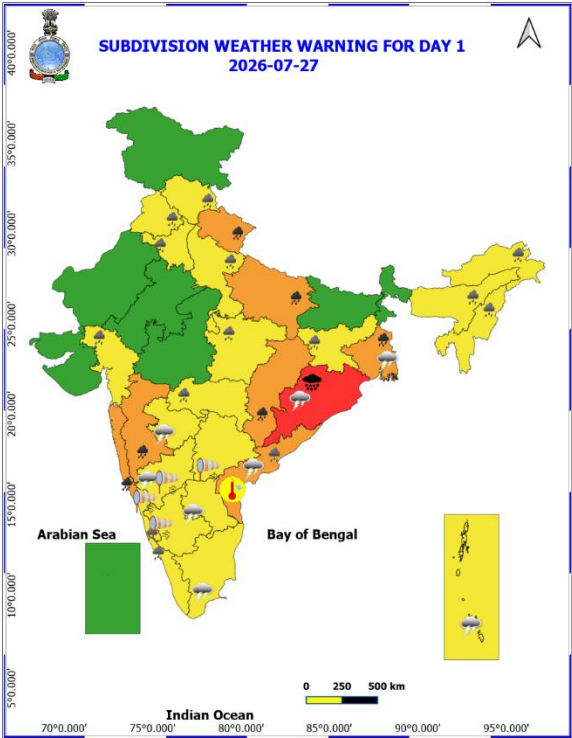
FORECAST TRACK

CONE OF UNCERTAINTY

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

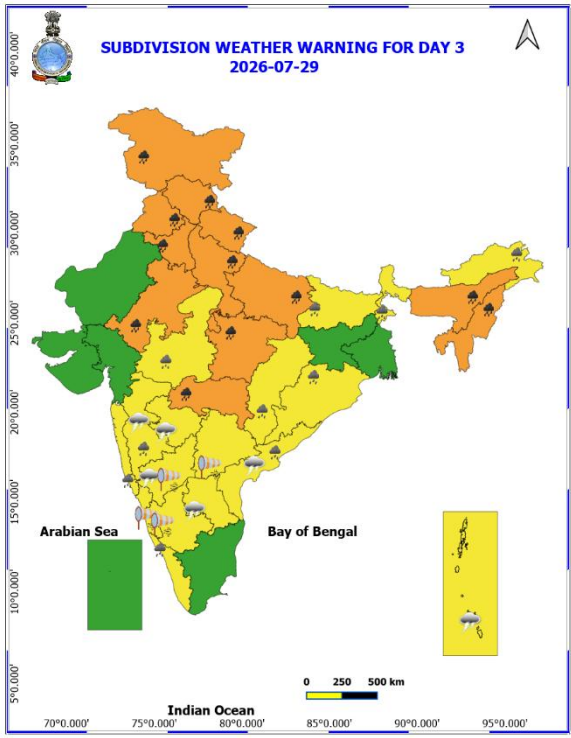
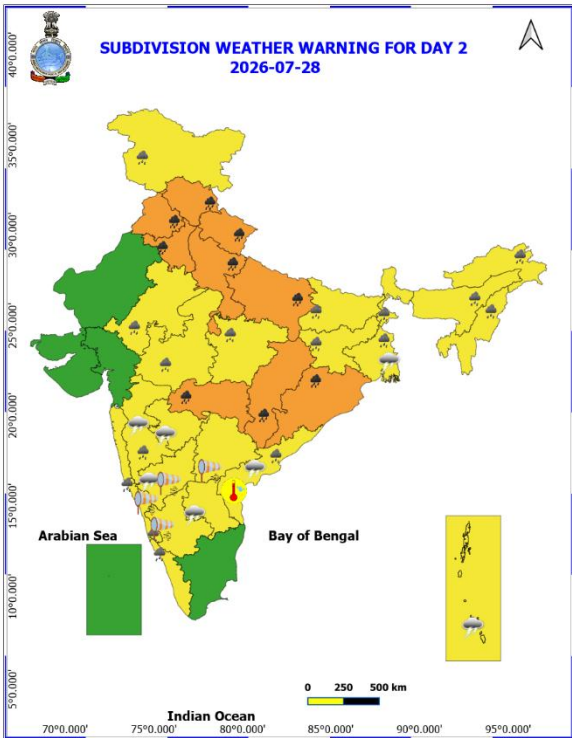
Forecast Date and Time	Lead Period	Lat	Lon	Station 1	Station 2	Station 3	Station 4	Station 5
27.07.26/0000	0	21.3	88.1	SAGAR ISLAND (40,S)	DIGHA (70,SE)	DIAMOND HARBOUR (100,S)	CANNING (120,SSW)	BALASORE (120,ESE)

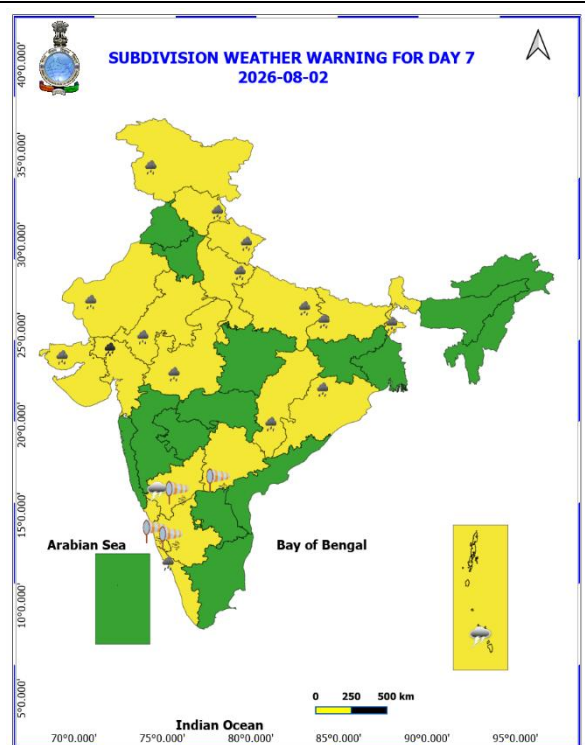
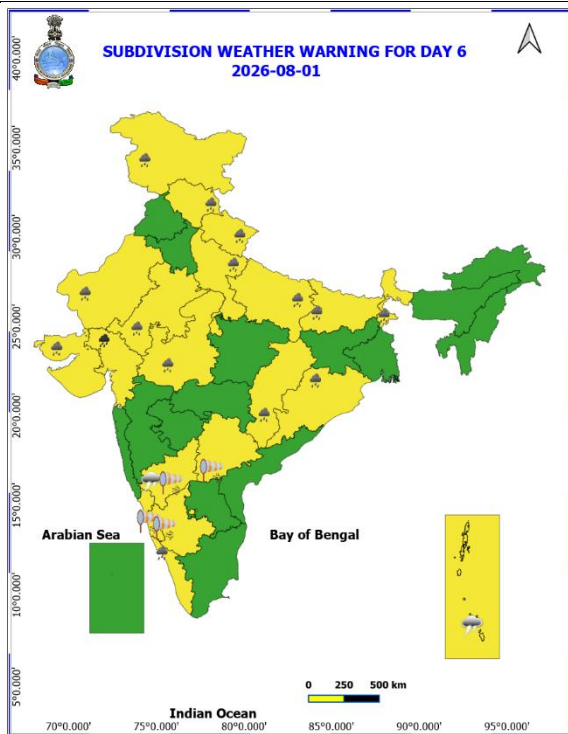
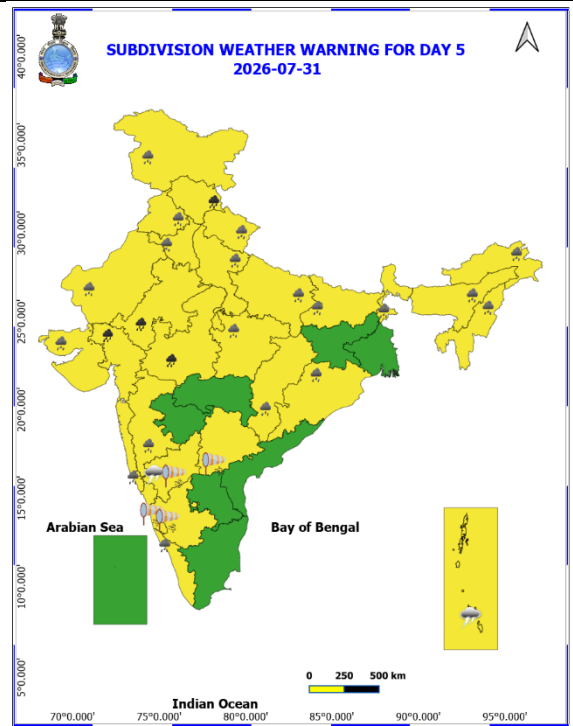
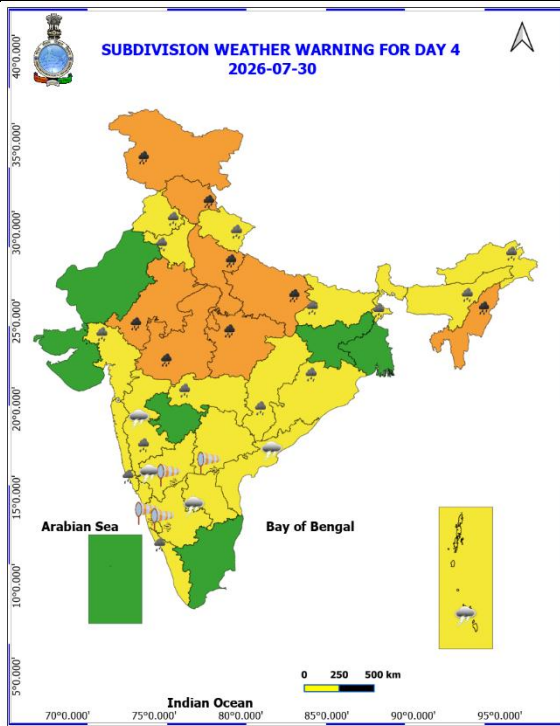
Weather Warning Graphics



- | | | |
|----------------------|----------------------|--------------|
| 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





Flash Flood Guidance

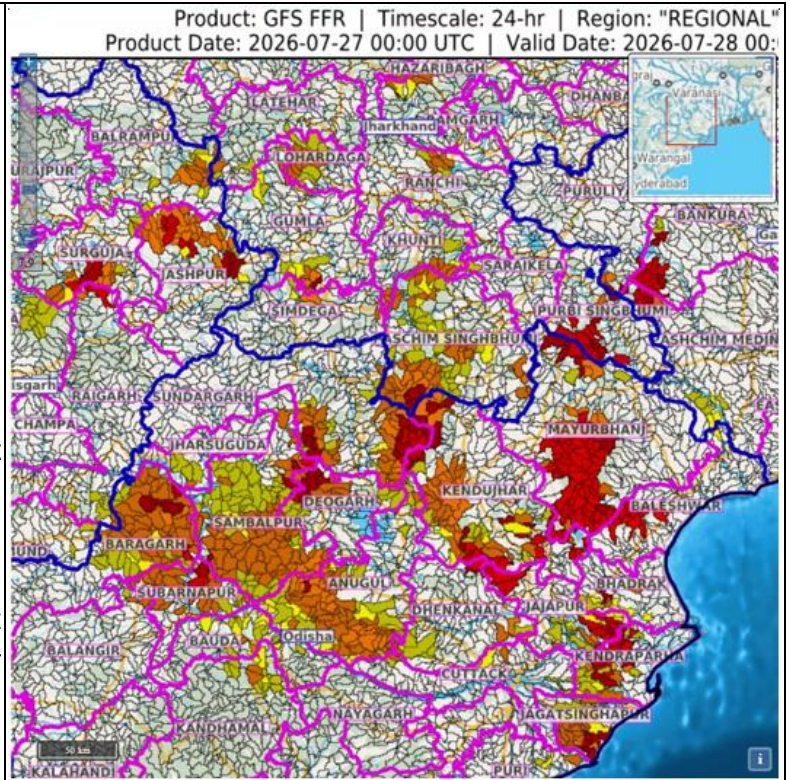
24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 28-07-2026 :

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

Odisha – Anugul, Bauda, Baragarh, Kandhamal, Baleshwar, Deogarh, Mayurbhanj, Kendujhar, Bhadrak, Cuttack, Kendraparha, Jagatsinghapur, Dhenkanal, Rayagarha, Sambalpur, Subarnapur and Sundargarh districts. West Bengal - Bankura, Purulia, Paschim Medinipur districts.

Jharkhand - East Singhbhum, Saraikela, Khunti, Gumla, Simdega, and West Singhbhum districts. Chhattisgarh – Balrampur, Jashpur, Surguja, Korba, and Korea districts.

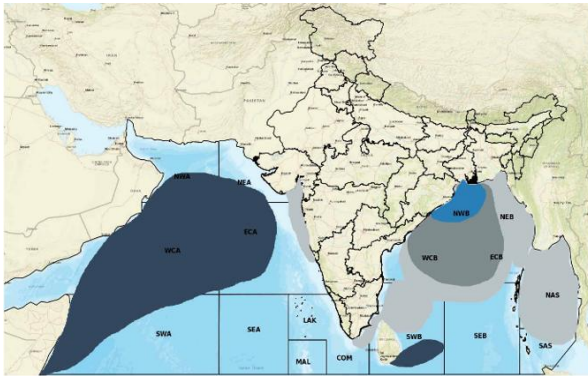
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



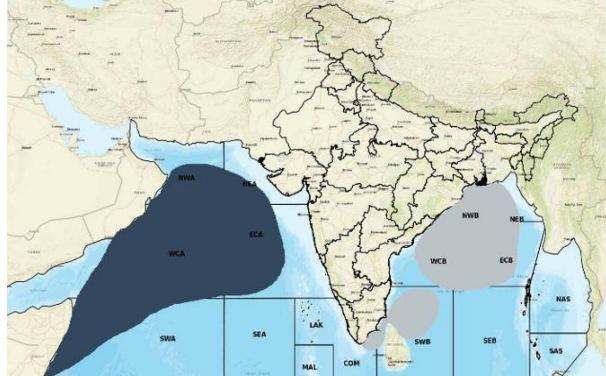
Flash Flood Threat	Flash Flood Risk
 High Threat (Take Action)	 High Risk (Take Action)
 Moderate threat (Be Prepared)	 Moderate Risk (Be Prepared)
 Low Threat (Be Updated)	 Low Risk (Be Updated)

Fishermen Warning Graphics

27.07.2026 05:30 AM to 28.07.2026 05:30 AM



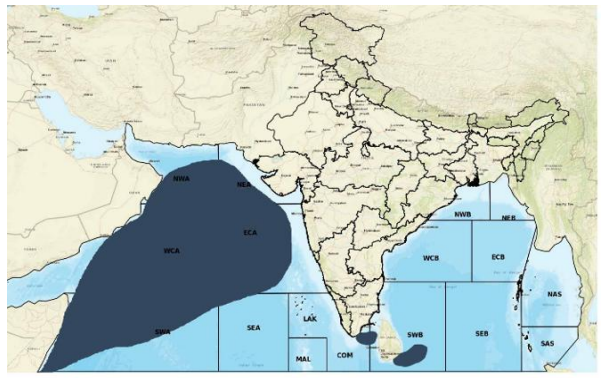
28.07.2026 05:30 AM to 29.07.2026 05:30 AM



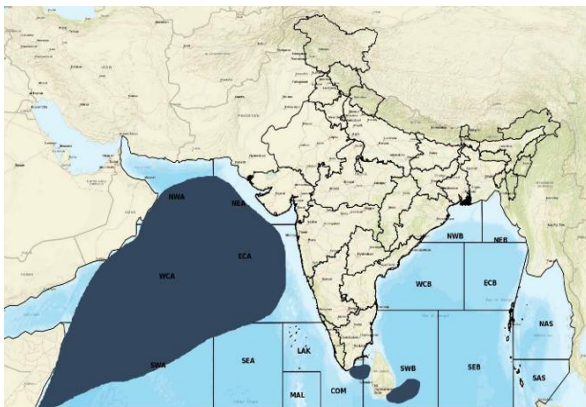
29.07.2026 05:30 AM to 30.07.2026 05:30 AM



30.07.2026 05:30 AM to 31.07.2026 05:30 AM



31.07.2026 05:30 AM to 01.08.2026 05:30 AM



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.