



**India Meteorological Department
(Ministry of Earth Sciences)
NATIONAL BULLETIN NO. 3 (BoB/05/2025)**

TIME OF ISSUE: 0930 HOURS IST

DATED: 19.08.2025

FROM: INDIA METEOROLOGICAL DEPARTMENT

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Sub: Depression over northwest & adjoining westcentral Bay of Bengal and north Andhra Pradesh - south Odisha coasts crossed South Odisha coast (near Gopalpur).

The Depression over northwest & adjoining westcentral Bay of Bengal and north Andhra Pradesh - south Odisha coasts moved north-northwestwards with a speed of 7 kmph during past 6 hours and crossed South Odisha coast close to Gopalpur during early morning of today and lay centred at 0530 hrs IST of today, the 19th August over south coastal Odisha, near latitude 19.3°N and longitude 84.8°E, close to west of Gopalpur.

It is likely to move northwestwards across south Odisha and south Chhattisgarh and weaken into a well marked low pressure area during next 06 hour.

Warnings:

(i) Rainfall Warning:

Andhra Pradesh: Light to moderate rainfall at most places with **heavy rainfall** at isolated places is very likely on 19th & 20th August.

Odisha: Light to moderate rainfall at most places with **heavy rainfall** at isolated places is very likely on 19th & 20th August.

Chhattisgarh: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places is very likely over Chhattisgarh on and **heavy rainfall** at isolated places is very likely on 20th August.

Telangana: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places is very likely on 19th and **heavy rainfall** at isolated places is likely on 20th August.

Konkan & Goa; Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places is very likely during 19th to 20th with **extremely heavy rainfall at isolated places on 19th August.**

Madhya Maharashtra: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places is very likely during 19th to 20th with **extremely heavy rainfall** at isolated places is likely on 19th August.

Vidarbha: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places is very likely on 19th August and **heavy rainfall** at isolated places is very likely on 20th August.

Marathwada: Light to moderate rainfall at most places with **heavy rainfall** at isolated places is very likely on 19th August.

South Madhya Pradesh: Light to moderate rainfall at most places with **heavy rainfall** at isolated places is very likely during 19th to 20th August.

Gujarat: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places is very likely during 19th to 22nd with **extremely heavy rainfall** at isolated places is very likely on 19th & 20th August.

(ii) Wind Warning:

- ❖ Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail over westcentral and adjoining northwest & eastcentral Bay of Bengal on 19th August.
- ❖ Squally wind speed reaching 35-45 kmph gusting to 55 kmph is likely along & off North Andhra Pradesh-Odisha-West Bengal coasts on 19th August.

(iii) Sea Condition:

- ❖ **Sea condition is very likely to be rough** over westcentral and adjoining northwest and eastcentral Bay of Bengal and along & off North Andhra Pradesh-Odisha-West Bengal coasts on 19th August.

(iv) Fishermen Warning:

- Fishermen are advised not to venture into southwest, central and adjoining northwest Bay of Bengal and along & off Andhra Pradesh -Odisha coasts on 19th August.

(v) Impact Expected and Action Suggested Andhra Pradesh, Odisha, Chhattisgarh, Telangana, Maharashtra, south Madhya Pradesh and Gujarat due to heavy rainfall and squally winds

Impact expected:

- ❖ Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Rain may damage plantation, horticulture and standing crops.
- ❖ Partial damage to vulnerable structures due to ~~strong winds~~ and rain.
- ❖ 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 judiciously regulated.
- ❖ Follow the bulletins issued by Central Water Commission for the information about flood.

Next bulletin will be issued at 1130 hours IST of today, the 19th August, 2025.

(M. Sharma)
Scientist-E, RSMC & IMD, New Delhi

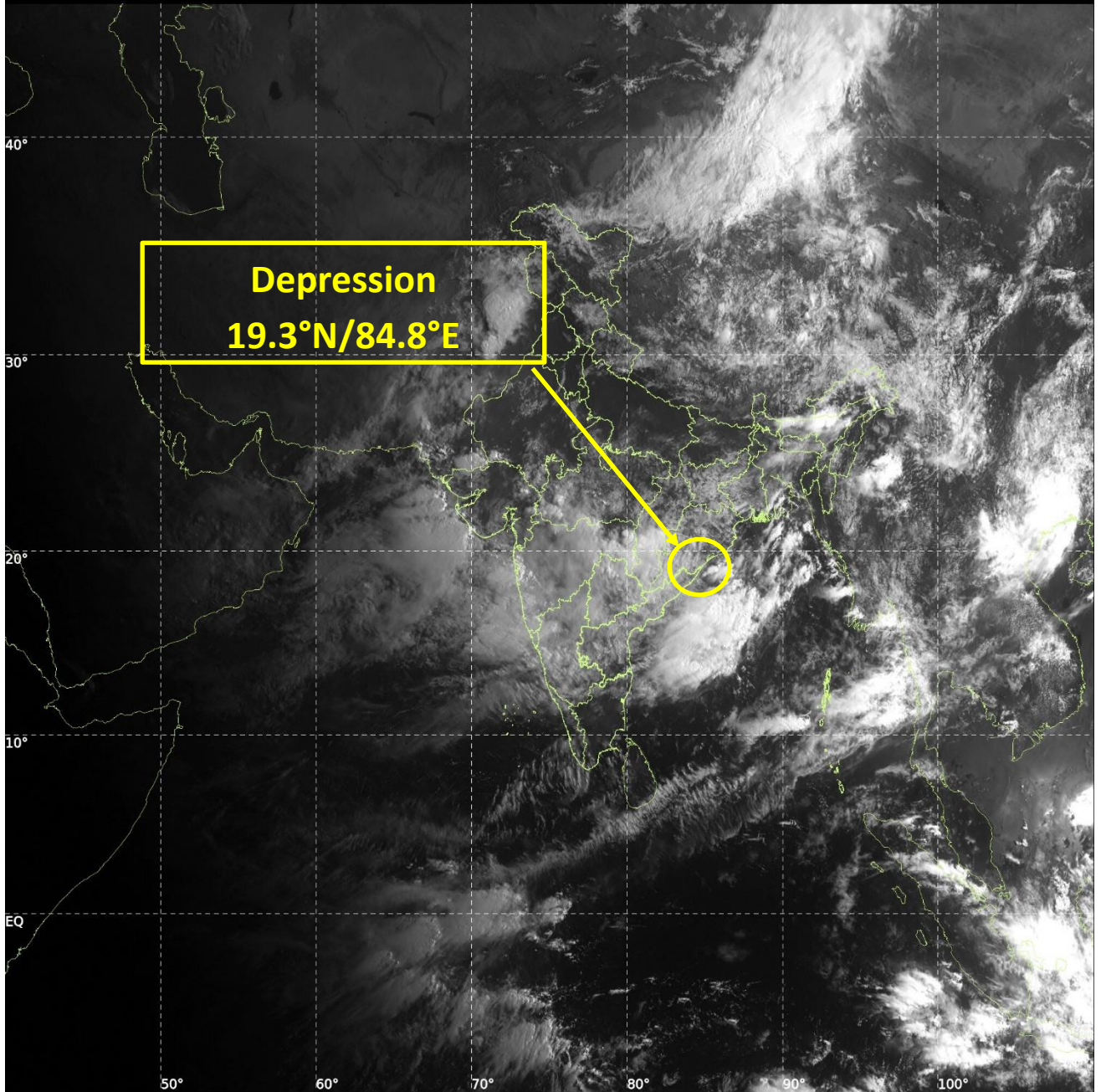
Copy to: ACWC Kolkata/ACWC Chennai/ACWC Mumbai/CWC Bhubaneswar/CWC Vishakhapatnam/CWC Ahmedabad; Regional Meteorological Centres – Chennai/Nagpur/Mumbai; Meteorological Centres- Port Blair, Bhubaneswar, Amaravati, Hyderabad, Bhopal, Raipur, Ahmedabad



INSAT-3DS IMG, Visible Count @ 0.65 μm
GMT:19-08-2025/(0230-0257) IST:19-08-2025/(0800-0827)
L1C MERCATOR (LINEAR STRETCH: 0.5%)

40

329





OBSERVED AND FORECAST TRACK OF DEPRESSION OVER SOUTH COASTAL ODISHA AT 0530 HRS. IST (00 UTC) OF 19th August 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)

● LESS THAN 34 KT

○ 34-47 KT

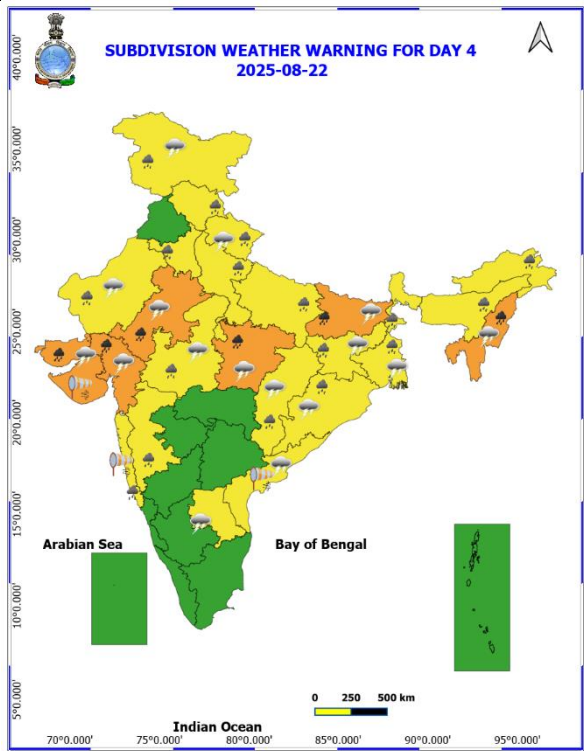
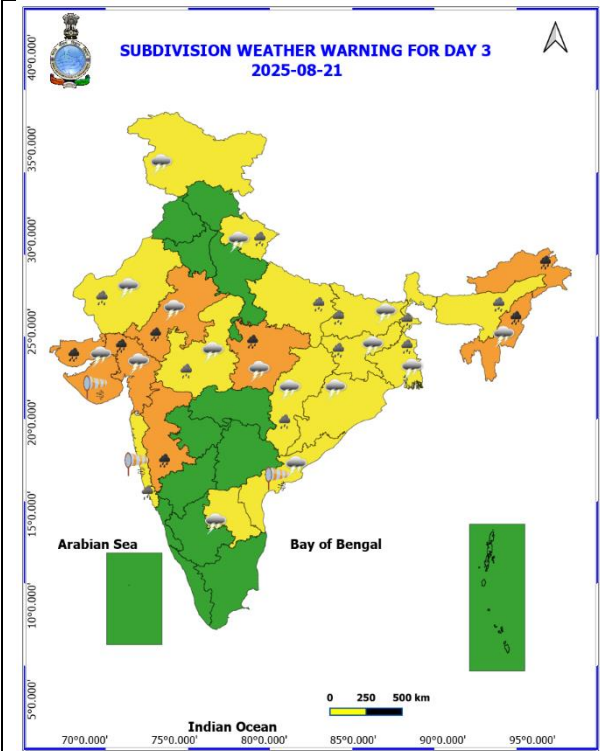
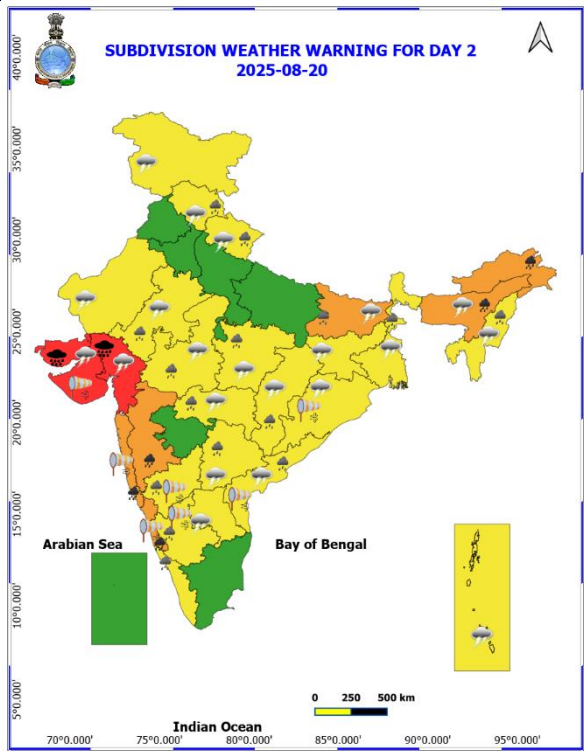
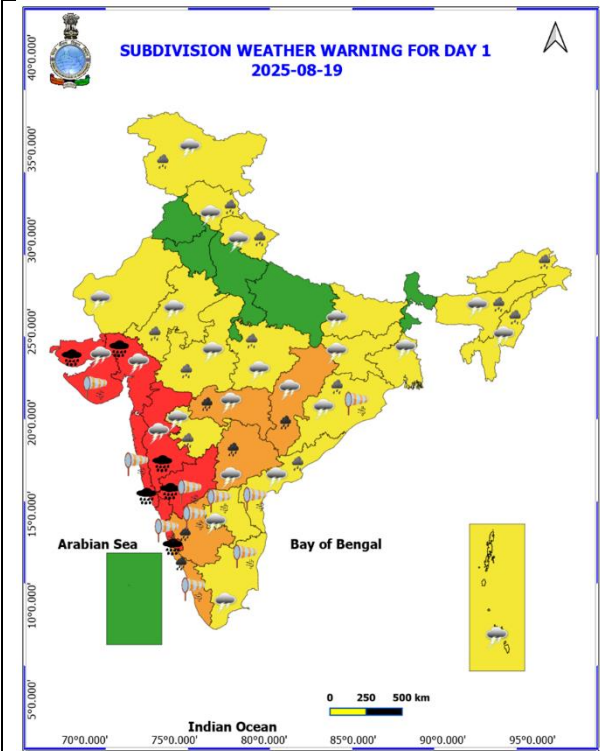
○ ≥ 48 KT

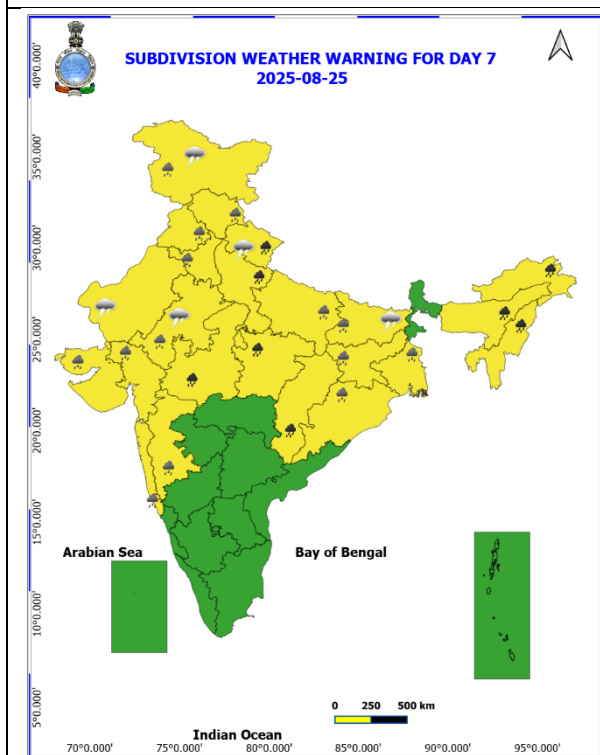
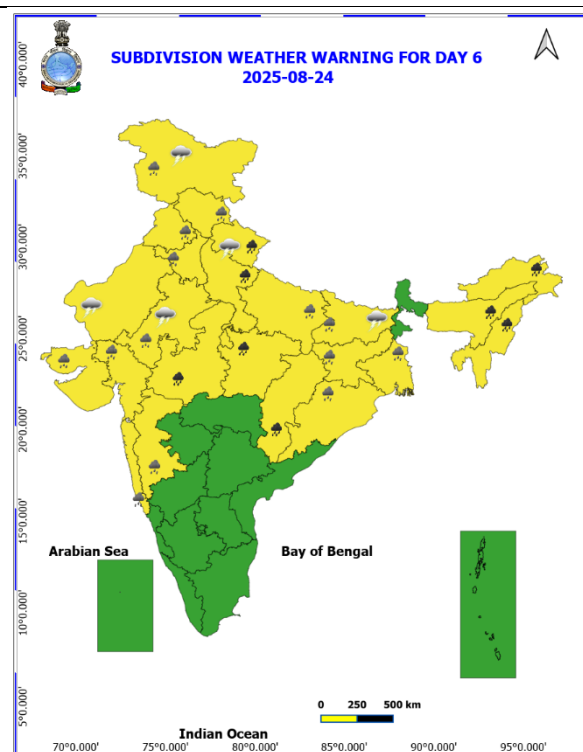
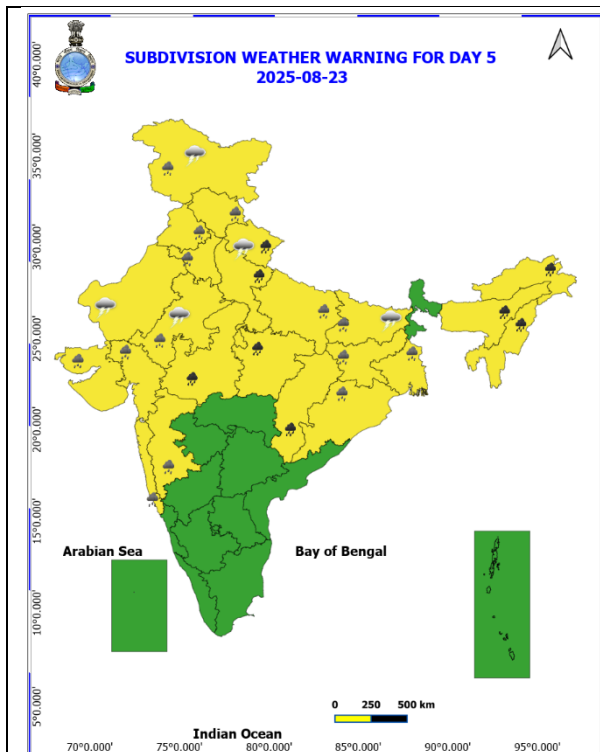
— OBSERVED TRACK

— FORECAST TRACK

— CONE OF UNCERTAINTY

WEATHER WARNING 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:

- 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 0830 hours IST of day till 0830 hours IST of next day.
For more details, kindly visit <https://mausam.ind.gov.in> or contact: 011-2434-4599
(Service to the Nation since 1875)

Flash Flood Guidance

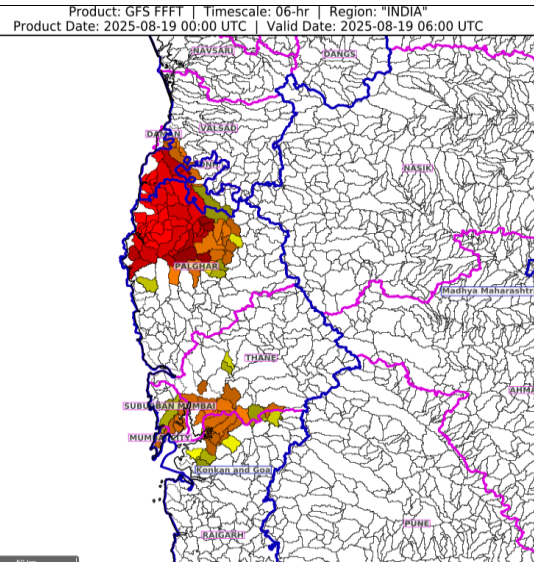
Persistent Flash Flood Threat (PFFT) till 1130 IST of 19-08-2025 :

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

Gujarat Region - Dadar & Nagar Haveli, Daman and Valsad districts.

Konkan & Goa - Mumbai City, Palghar, Raigarh, Suburban Mumbai and Thane 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.



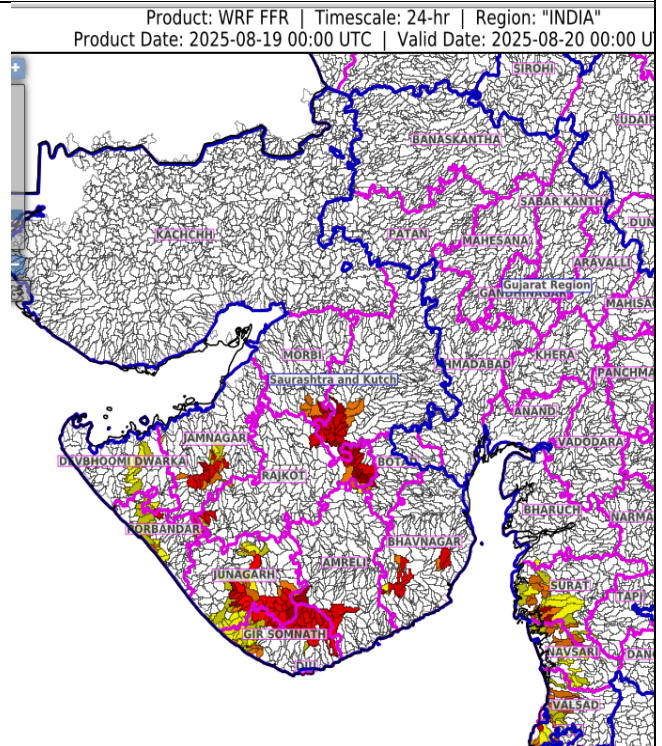
24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 20-08-2025 :

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

Gujarat Region - Dadar & Nagar Haveli, Daman, Bharuch, Navsari, Surat, Tapi and Valsad districts.

Saurashtra & Kutch - Amreli, Bhavnagar, Botad, Devbhoomi Dwarka, Diu, Gir Somnath, Jamnagar, Junagarh, Porbandar, Rajkot, Surendranagar and Morbi 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 20-08-2025 :

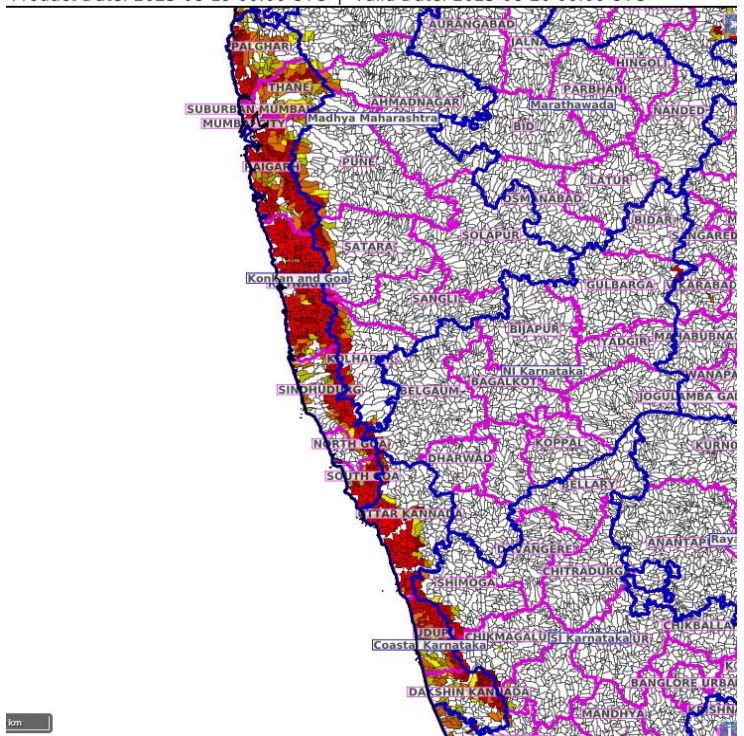
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Coastal Karnataka - Dakshin Kannada, Udupi and Uttar Kannada districts.

Konkan & Goa - North Goa, South Goa, Mumbai City, Palghar, Raigarh, Ratnagiri, Sindhudurg, Suburban Mumbai and Thane districts.

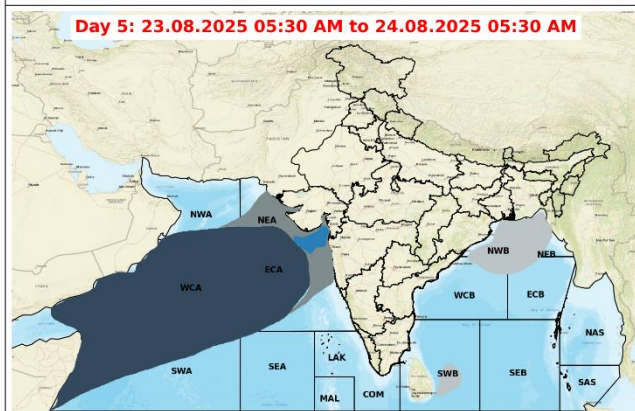
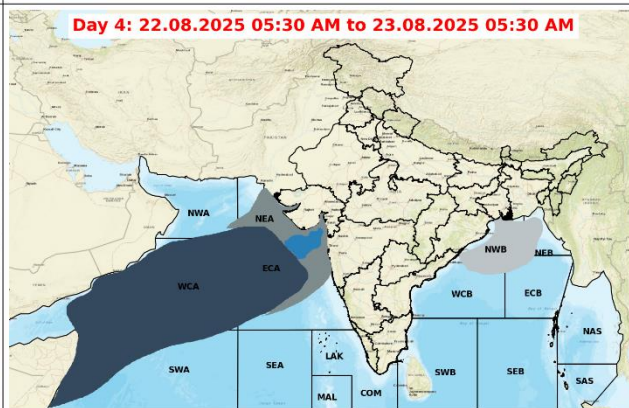
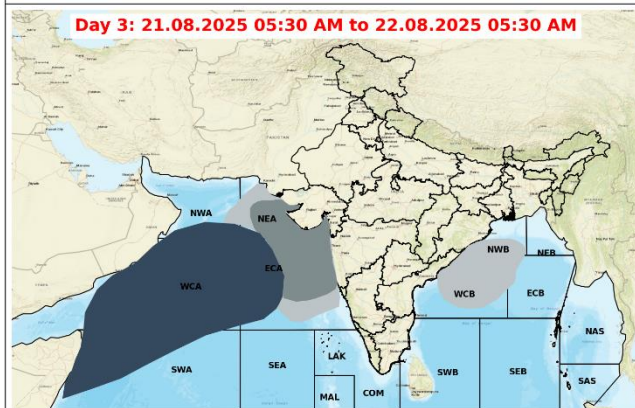
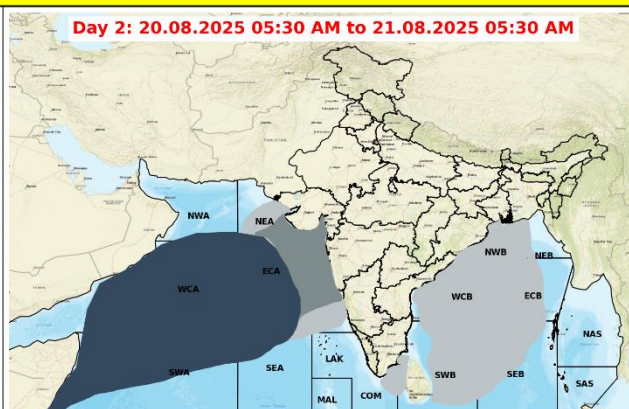
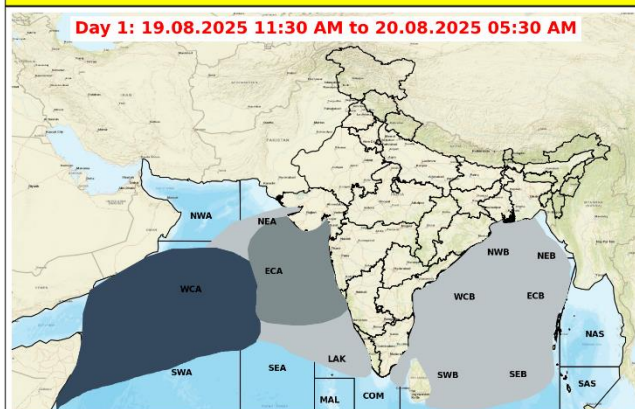
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.

Product: WRF FFR | Timescale: 24-hr | Region: "INDIA"
Product Date: 2025-08-19 00:00 UTC | Valid Date: 2025-08-20 00:00 UTC



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.