



Regional Meteorological Centre Mumbai
India Meteorological Department
Ministry of Earth Sciences
Government of India



Date: 19 August 2025

Press Release No. 5

Subject: Updates on the Heavy rainfall activity over Maharashtra during 19-21 August 2025.

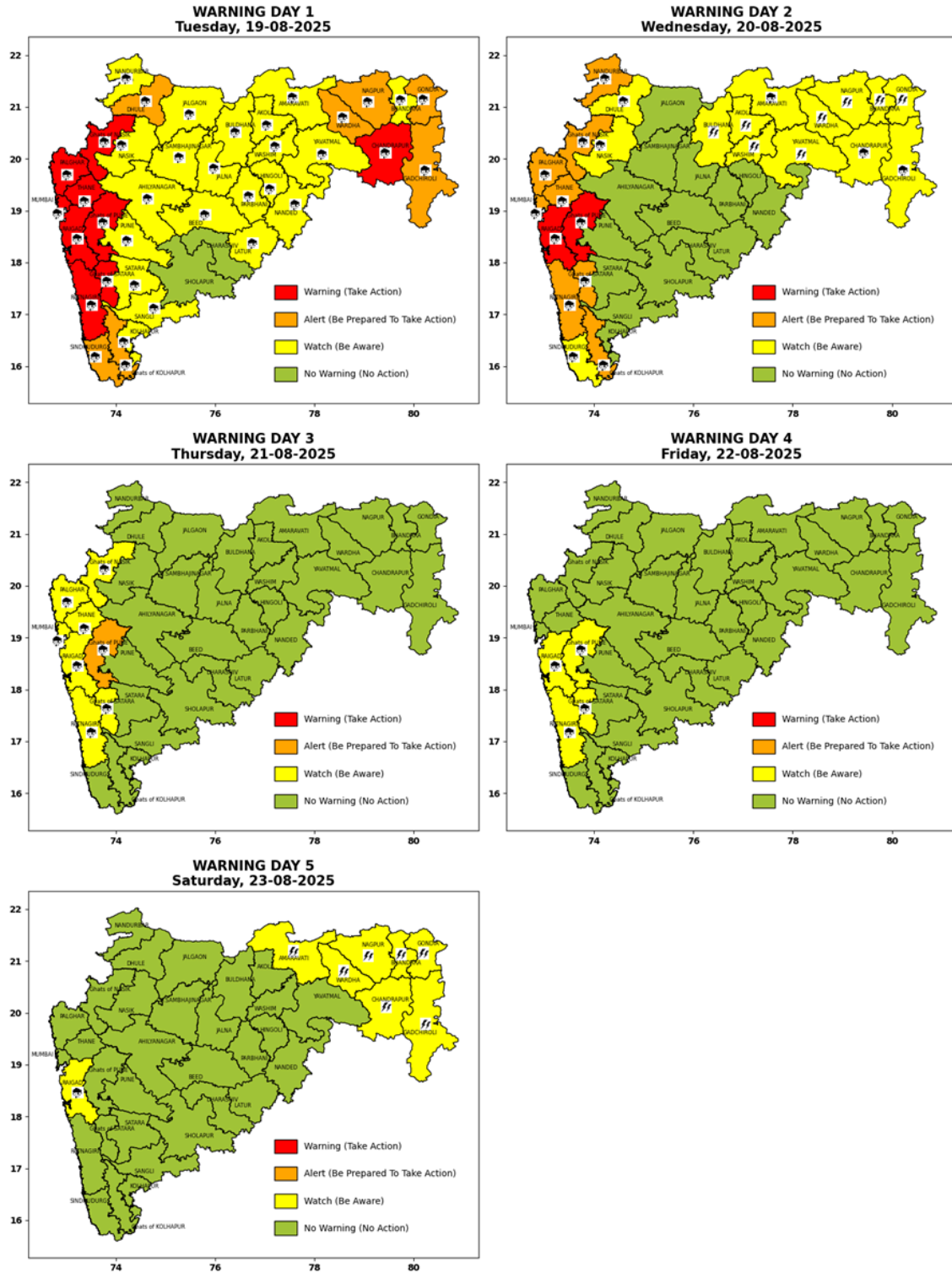
Weather Systems:

- The Depression over south coastal Odisha moved west-northwestwards with a speed of 11 kmph and lay centered at 0830 hrs IST of today, the 19th August 2025 over south interior Odisha, near latitude 19.8°N and longitude 84.0°E. It is likely to continue to move west-northwestwards across south Odisha and south Chhattisgarh and weaken into a well marked low pressure area during next 12 hours.
- The monsoon trough now passes through Diu, Surat, Nandurbar, Amravati, center of Depression over south interior Odisha & thence east southeastward to east Central Bay of Bengal extending up to 1.5 km above mean sea level.
- The upper air cyclonic circulation over northeast Arabian Sea & adjoining Gujarat is seen between 5.8 & 7.6 km above mean sea level.
- The shear zone roughly along Lat. 20°N over the Indian region is seen between 3.1 & 4.5 km above mean sea level.
- The off shore trough at mean sea level now runs from south Gujarat to north Kerala coasts.

Under its influence, the heavy rainfall activity over Maharashtra is very likely to continue during 19-21 August 2025. The following weather is very likely:

- **Widespread rainfall activity with Heavy to Very Heavy rainfall at a few places with Isolated Extremely Heavy Rainfall is very likely over Konkan and adjoining ghat areas of Madhya Maharashtra during the above period.**
- **Scattered to fairly widespread rainfall activity with Heavy rainfall at isolated places is very likely over Marathwada region during 19 August 2025.**
- **Possibility of lightning and thunder accompanied with occasional gusty winds reaching 40-50 kmph is also very likely during 19-20 August 2025.**

Colour-coded District-wise Forecast and Warnings:



Warning Colour Codes	हिन्दी	मराठी
WARNING (TAKE ACTION)	चेतावनी	चेतावणी
ALERT (BE PREPARED TO TAKE ACTION)	सतर्क रहें	सतर्क असावे
WATCH (BE AWARE)	निगरानी रखें	लक्ष असावे
NO WARNING (NO ACTION)	कोई चेतावनी नहीं	धोखाची सूचना नाही

Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.

For detailed district wise forecast and warnings, kindly refer:

<https://mausam.imd.gov.in/mumbai/mcdata/district.pdf>

Fishermen Warning for next 5 days:

- **Warning for North Maharashtra coast: (up to 75km from the coast):**

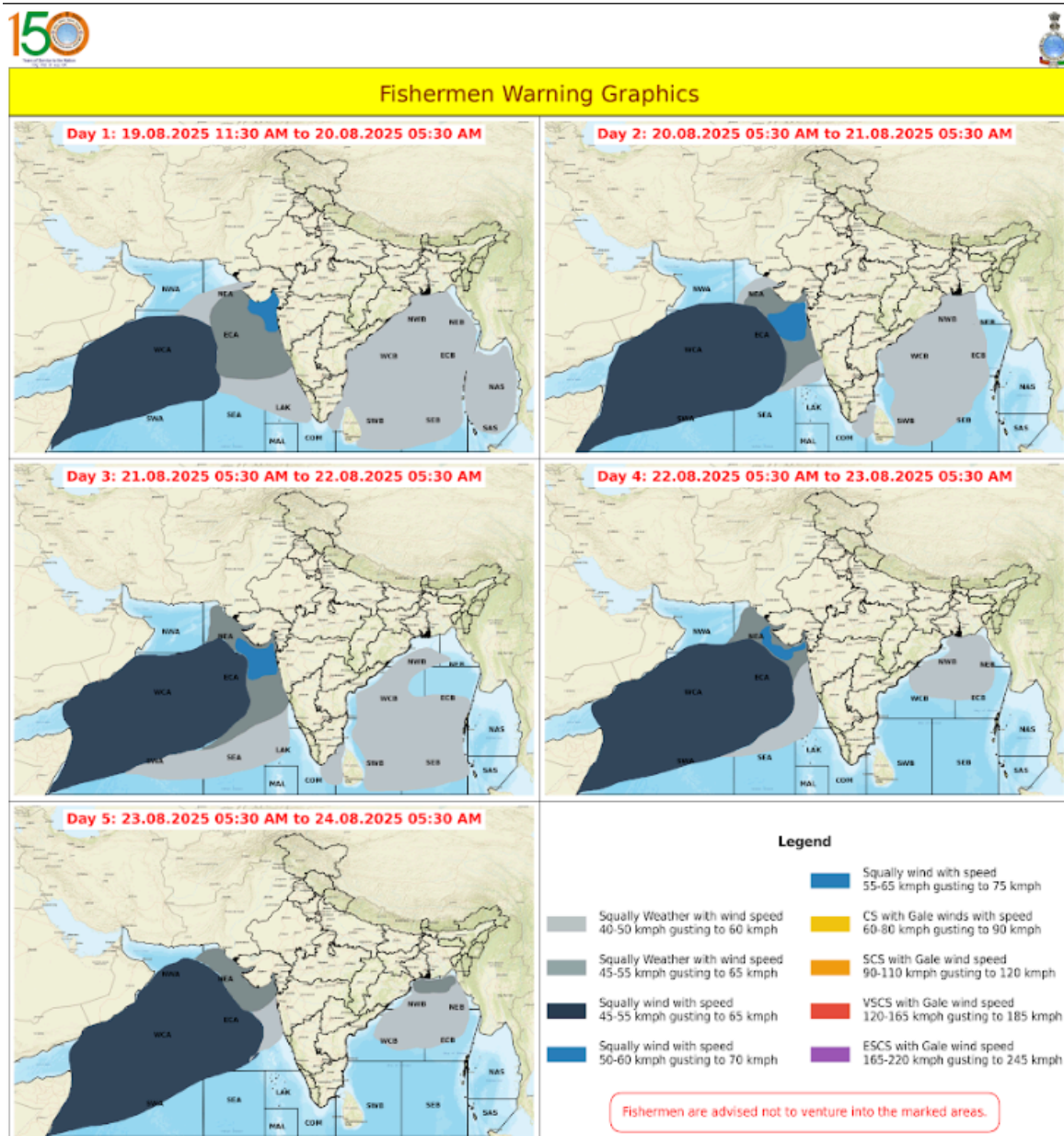
- Squally wind with speed reaching 50 - 60 kmph gusting to 70 kmph likely to prevail over some parts of eastcentral Arabian sea and off north Konkan coast from 19th, 20th, 21st August 2025.
- Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph likely to prevail along and off North Konkan coasts and adjoining sea areas from 19th, 20th, 21st, 22nd, 23rd August 2025.

Fishermen are advised not to venture into above mentioned area during these period.

- **Warning for South Maharashtra–Goa coast: (up to 75 km from the coast) :**

- Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph likely to prevail along and off South Konkan-Goa coasts and adjoining sea areas on 19th, 20th, 21st August 2025.

Fishermen are advised not to venture into above mentioned area during these period.



Fishermen are advised not to venture into the above-mentioned area during this period.

For detailed fishermen warning: <https://mausam.imd.gov.in/mumbai/mcdata/fisherman.pdf>

Port Warning for North Maharashtra coast :-

Under the influence of Squally weather with wind speed 50 - 60 kmph gusting to 70 kmph keep hoisted Local Cautionary Signal No. III Repeat (LC - III) from all ports from Dahanu to Shrivardhan off North Maharashtra Coast.

Port Warning for South Maharashtra coast :-

Under the influence of Squally weather with wind speed 45-55 kmph gusting to 65 kmph keep hoisted Local cautionary Signal no. III Repeat (LC-III) from all coasts of South Maharashtra-Goa from Bankot to Marmugao.

Flash Flood Guidance:

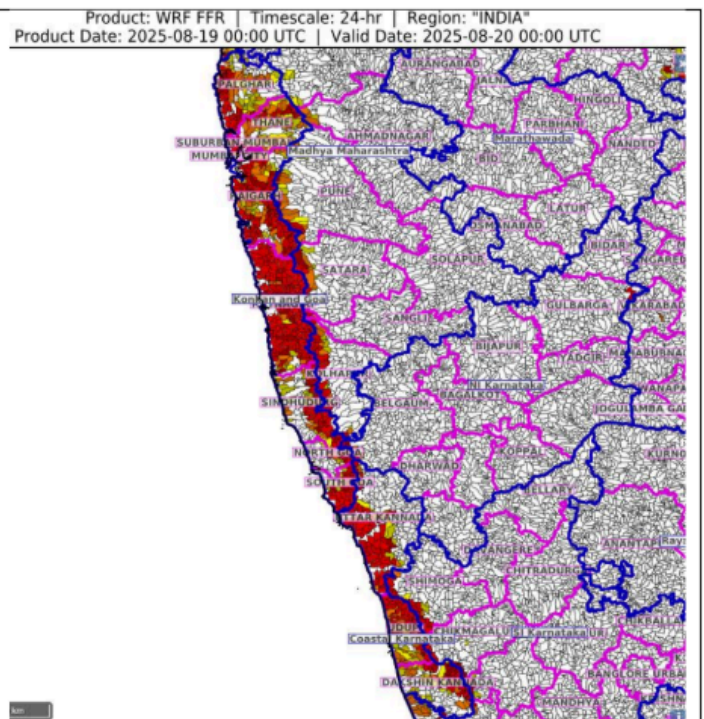
24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 20-08-2025 :

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.



Impact Expected:

- Localized inundation/flooding of low-lying areas and urban areas.
- Possible uprooting of weak trees and collapse of old and unmaintained structures.
- Possibility of flash floods.
- Disruption to road, rail, air and ferry transport.
- Local disruption of municipal services (Water, electricity etc.)
- Flow of water over low-lying roads and bridges.
- Damage to horticulture and standing crops due to water inundation.
- Squally weather expected over coastal districts of Konkan.
- Rough Sea conditions along the coast.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit web page of Central Water Commission)

- Landslide/Mudslides and rock falls in vulnerable areas
- Strong wind may damage plantations, horticulture and standing crops.
- Minor damage to kutchha houses/walls and huts.
- Possibility of cloud to ground lightning during thunderstorm events.

Action Suggested:

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid staying in vulnerable structures.
- Avoid working in open areas and fields while thunderstorms are taking place.
- Avoid taking shelter under tall trees and structures when a thunderstorm is occurring.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

Agromet Advisory:

- As there is a possibility of thunderstorm activity accompanied with gusty winds, lightning and light to moderate rainfall harvesting of matured crops should be done.
- Provide support to young fruits plants and vegetables to prevent from lodging.
- If threshing is not possible the harvested produce should be covered properly.
- For protection from rains the stored grains should be shifted to safe storage.
- Avoid irrigation and any kind of chemical spray.
- Make arrangements for drain out of excess rain water from the field.
- Cattles should be kept at safe places in cattle sheds. Keep farm animals indoor during thunderstorm & lightning.

The warnings are issued based on the latest observations and numerical weather prediction model guidance available. Please be regularly updated with the latest warnings and forecasts issued by IMD in the coming days. Further details are available on websites of IMD HQ, IMD Mumbai and IMD Nagpur.

Kindly visit the IMD websites: <https://mausam.imd.gov.in>, <https://mausam.imd.gov.in/mumbai> and <http://www.imdnagpur.gov.in> for current weather updates.

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