



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



Date: 22 May 2025

Press Release No. 5

Subject: Increase in rainfall activity over parts of Maharashtra

Weather systems:

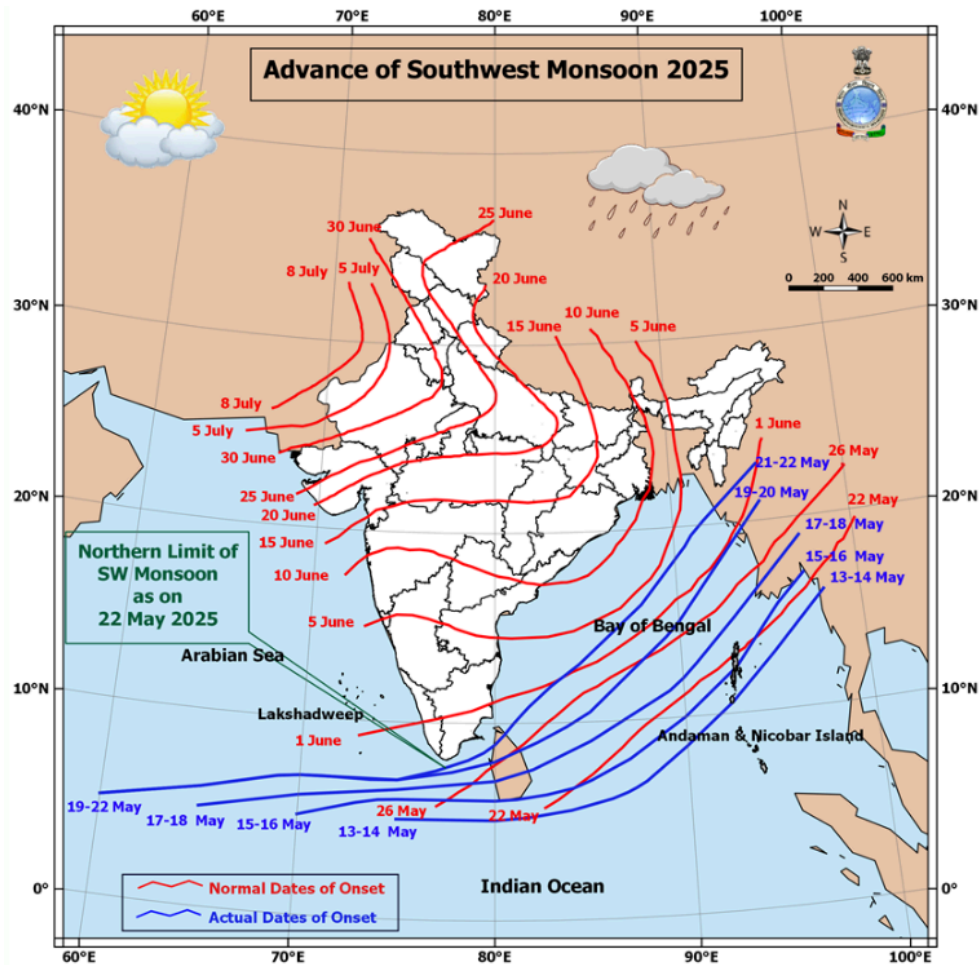
- A low-pressure area lies over the East Central Arabian Sea off south Konkan-Goa. It is likely to move nearly northwards and intensify further into a depression around the evening of 23rd May, 2025.
- A trough runs from the cyclonic circulation associated with the low-pressure area to north Telangana in lower & middle tropospheric levels.

Under its influence, rainfall activity over Maharashtra is likely to increase during the next 6-7 days. Fairly Widespread to Widespread rainfall activity with Heavy to Very Heavy rainfall at isolated places is very likely to continue over Konkan and adjoining ghat areas of Madhya Maharashtra during the above period. Extremely heavy rainfall at isolated places is also very likely over Konkan and adjoining ghat areas of Madhya Maharashtra during 22-23 May 2025.

Scattered light/moderate rainfall accompanied with thunderstorm, lightning & gusty wind speed reaching 50-60 kmph is expected over Madhya Maharashtra and Marathwada, during 22-25 May 2025.

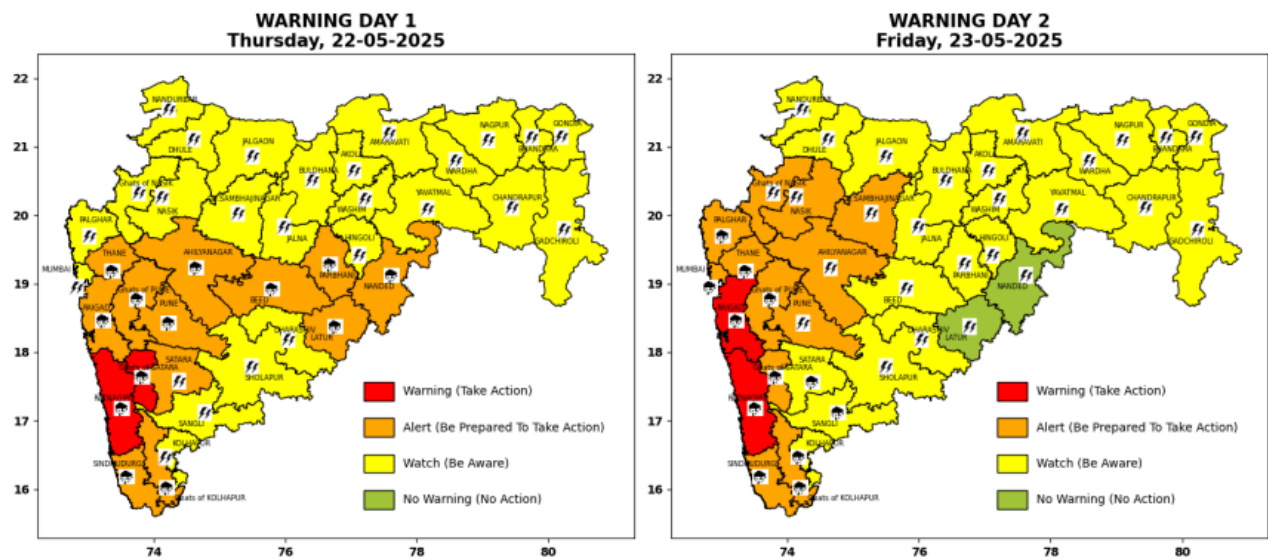
Advance of Southwest Monsoon:

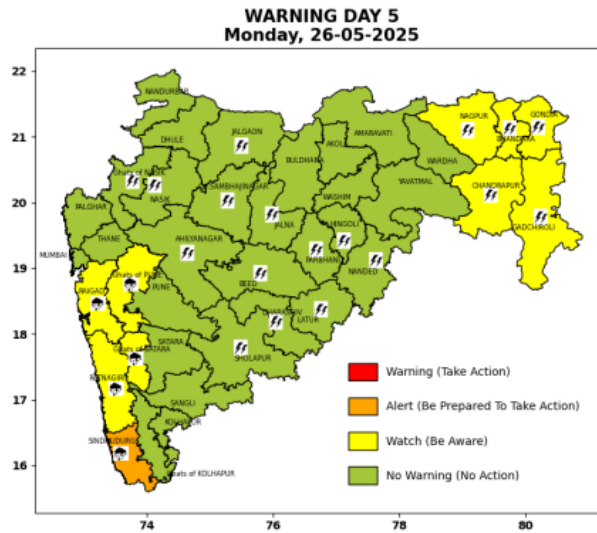
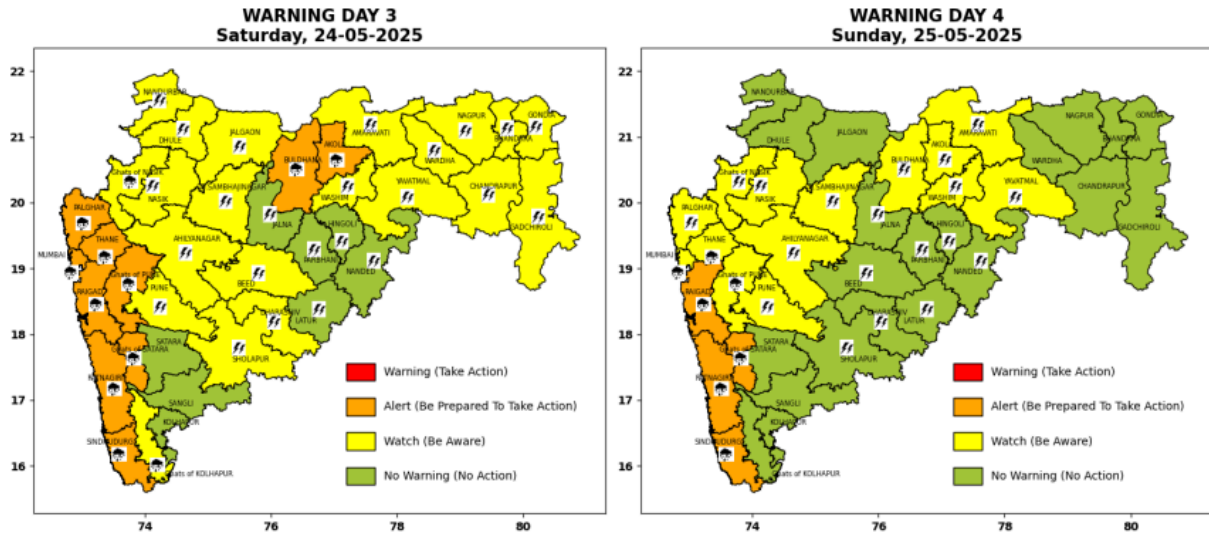
- The Northern Limit of Monsoon passes through 5°N/60°E, 6°N/65°E, 7°N/70°E, 7°N/75°E, 10°N/81°E, 13°N/84.5°E, 16°N/88°E, 19.5°N/91°E and 23°N/95°E.
- **The conditions are likely to become favourable for Monsoon onset over Kerala during next 2-3 days.**
- The conditions are also likely to become favourable for further advance of southwest Monsoon over some more parts of South Arabian Sea, remaining parts of Maldives and Comorin area; some parts of Lakshadweep area, Kerala, Karnataka, Tamil Nadu; some more parts South & Central Bay of Bengal, North Bay of Bengal and some parts of Northeastern states during the same period.



Color coded District wise Forecast and Warnings:

WARNINGS





| Warning Colour Codes | हिन्दी | मराठी |
|------------------------|------------------|---------------------|
| WARNING (TAKE ACTION) | चेतावनी | चेतावणी |
| ALERT (BE PREPARED) | सतर्क रहें | सतर्क असावे |
| WATCH (BE UPDATED) | निगरानी रखें | लक्ष असावे |
| NO WARNING (NO ACTION) | कोई चेतावनी नहीं | धोक्याची 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: (upto 75km from the coast):

Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph prevailing along and off North Konkan coasts on 21st .Squally weather with wind speed 40 kmph to 50 kmph gusting to 60 kmph along and off Konkan, Goa and 25th May 2025.

Warning for South Maharashtra–Goa coast : (upto 75km from the coast) :

Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph prevailing along and off South Konkan, Goa coasts on 20th to 25th May 2025.

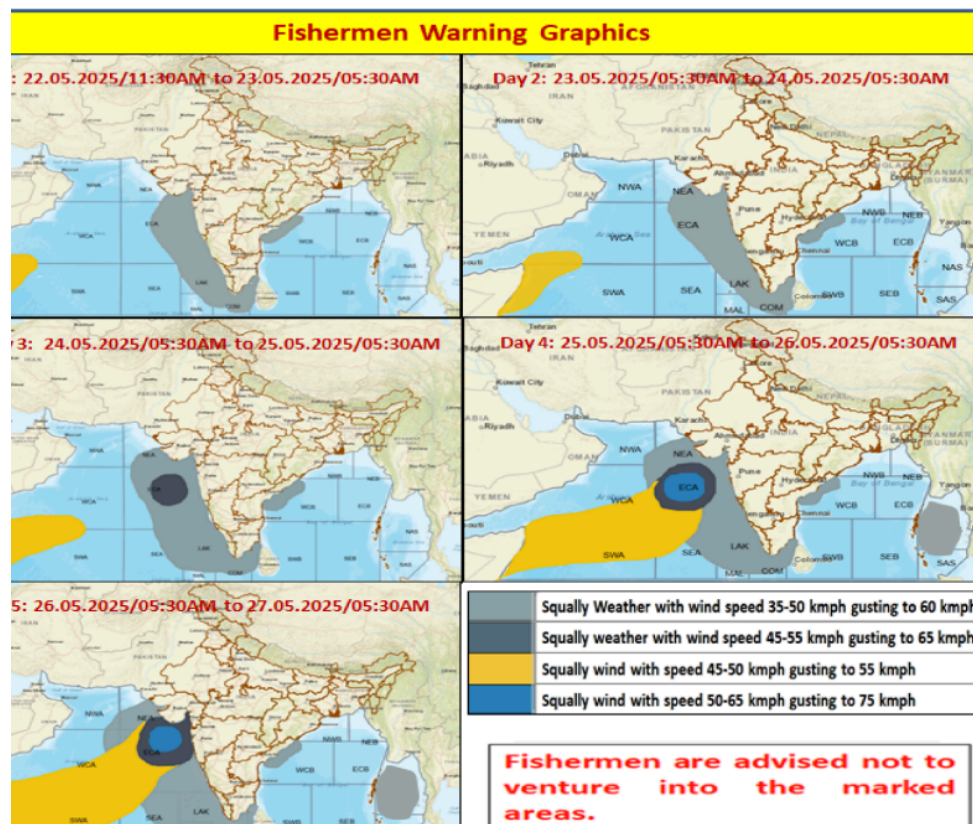
Fishermen are advised not to venture into the above -mentioned area during this period.

Fishermen are advised not to venture into :

- Eastcentral & southeast Arabian Sea and along & off Kerala, Karnataka, Konkan, Goa, south Gujarat, Daman & Diu, Dadar & Nagar Haveli coasts and Lakshadweep area during 22nd to 27th May 2025.
- Small ships/shipping activities are to be monitored and regulated during 25th to 27th May 2025.
- Judicious regulation of tourism and recreational activities.
- Total suspension of fishing operations over Eastcentral and adjoining northeast Arabian Sea during 25th - 27th May.
- Fishermen out at sea are advised to return to coasts by 23 rd May afternoon.

Port Warning :

Squally weather with wind speed 45 Kmph to 55 Kmph gusting to 65 Kmph very likely to prevail along and off South Maharashtra -Goa Coast . Hoist **Local Cautionary signal Number III (LC III)** at all ports from Bankot to Marmugao of South Maharashtra Goa Coast.



Flash Flood Guidance:

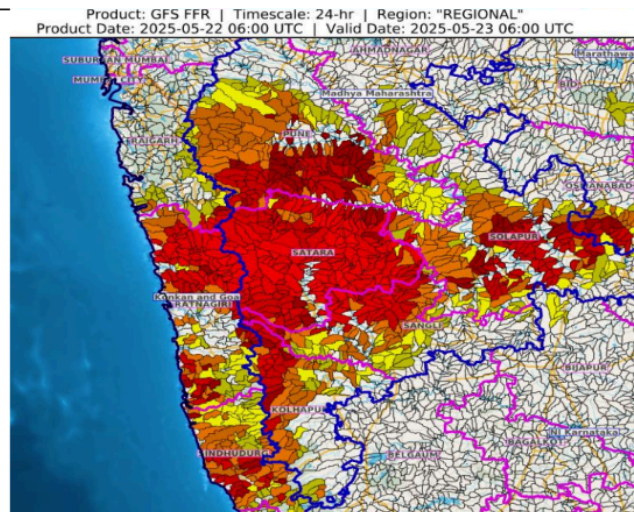
24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 23-05-2025 :

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

Konkan & Goa - Ratnagiri and Sindhudurg districts.

Madhya Maharashtra - Kolhapur, Pune, Sangli, Satara and Solapur 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 going to areas that face the water logging problems often.
- 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 (40 to 50 km/h), 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.

Regional Weather Forecasting Centre RMC Mumbai

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