



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



Date: 24 May 2025

Press Release No. 6

Subject: Depression over South Konkan and associated heavy rainfall activity over parts of Maharashtra

Weather Systems:

- Yesterday's Well-Marked Low Pressure area over Eastcentral Arabian Sea off south Konkan coast concentrated into a depression at 0530 Hrs IST of today, the 24th May 2025 over Eastcentral Arabian Sea and adjoining south Konkan coast, moved slowly eastward with a speed of 6 kmph during past 3 hours and lay centred at 0830 Hrs IST of today, the 24th May 2025 over the same region close to south Konkan coast near latitude 17.20 N & longitude 73.20 E, about 30 km north-northwest of Ratnagiri and 70 km south of Dapoli. It is likely to continue to move nearly eastwards and cross south coastal Maharashtra coast between Ratnagiri and Dapoli as a depression by noon of today, the 24th May 2025.
- A trough runs from eastcentral Arabian sea to south Chhattisgarh across the cyclonic circulation associated with the depression area over eastcentral Arabian sea and adjoining south coastal Maharashtra coast in lower tropospheric levels.

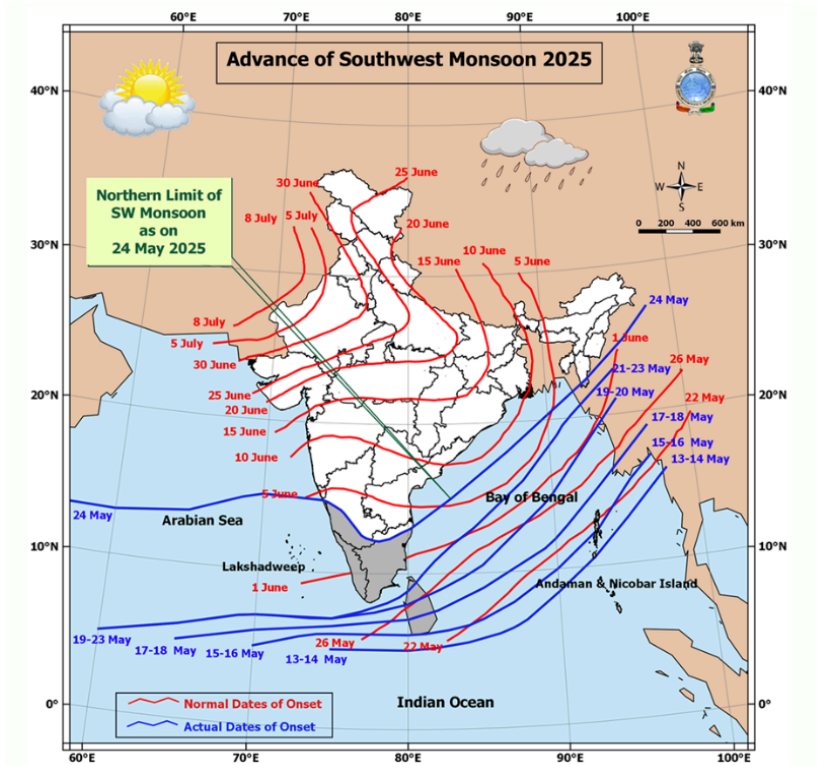
Under its influence, rainfall activity over Maharashtra is likely to continue during the next 4-5 days. Fairly Widespread to Widespread rainfall activity with Heavy to Very Heavy rainfall at isolated places is very likely to continue over Konkan and adjoining ghat areas of Madhya Maharashtra during the above period. Extremely heavy rainfall at isolated places is also very likely over Konkan and adjoining ghat areas of Madhya Maharashtra on 24 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 24-25 May 2025.

Advance of Southwest Monsoon:

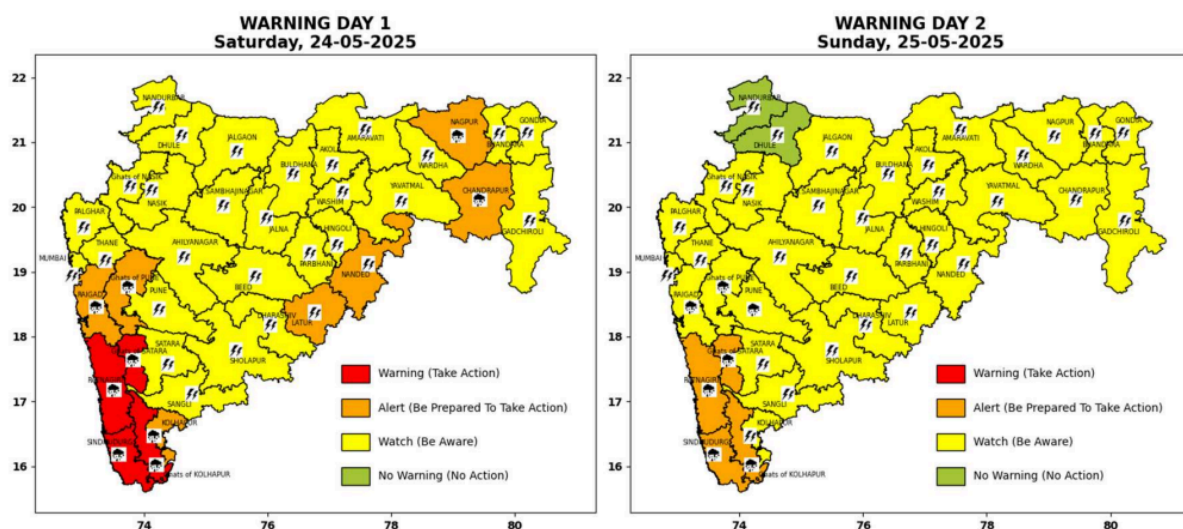
- Southwest Monsoon has set in over Kerala today, the 24th May, 2025, against the normal date of 1st June.
- The Northern Limit of Monsoon passes through 13°N/55°E, 13°N/60°E, 13.5°N/65°E, 15°N/70°E, Karwar, Shimoga, Dharmapuri, Chennai, 15°N/83°E, 18°N/87°E, Saiha, 25°N/96°E, 27°N/98°E.

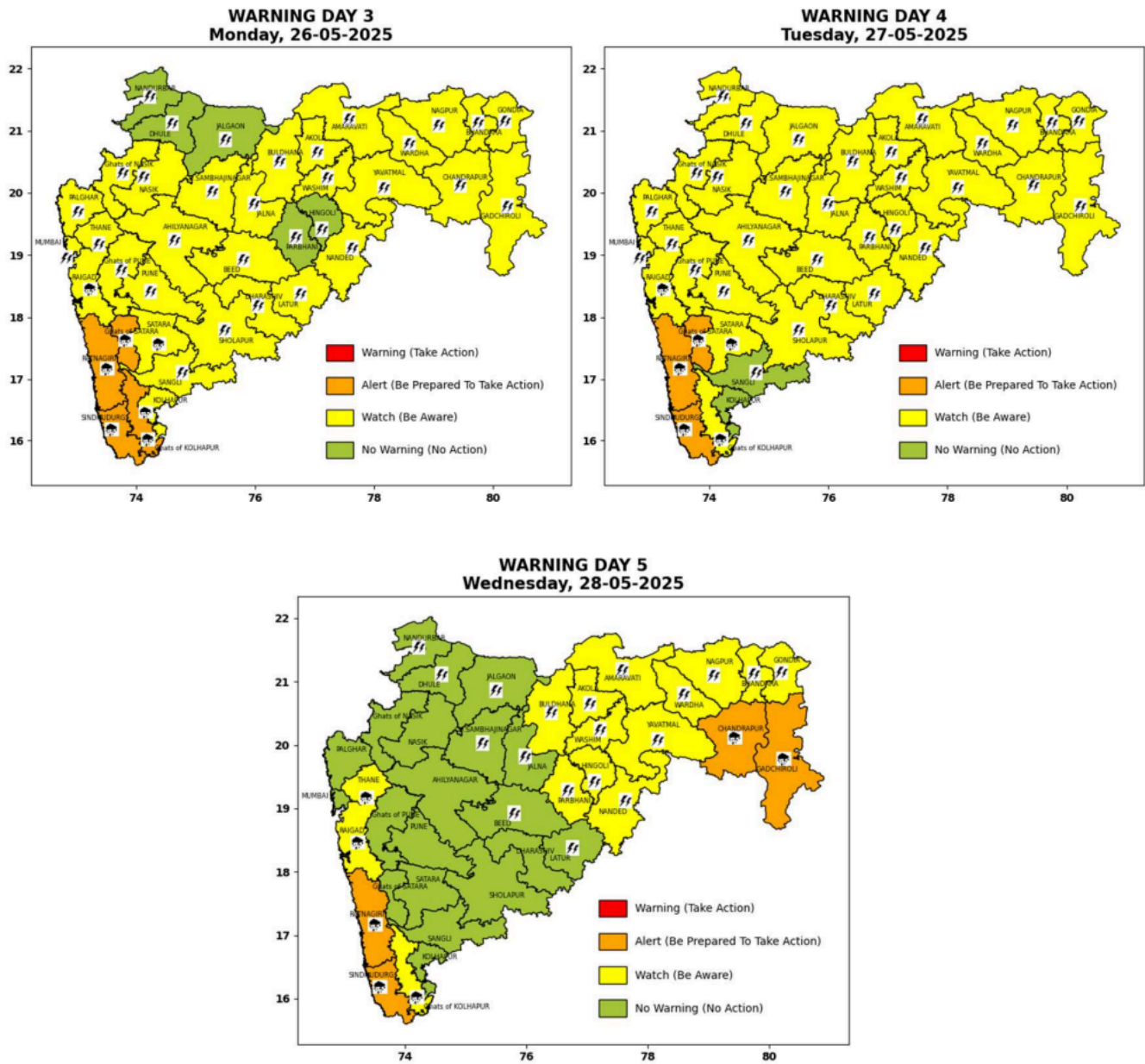
- The Southwest Monsoon has further advanced into remaining parts of south Arabian Sea, some parts of west central & east central Arabian Sea, entire Lakshadweep area, Kerala, Mahe, some parts of Karnataka, remaining parts of Maldives and Comorin area; many parts of Tamil Nadu, remaining parts of southwest and east central Bay of Bengal, some parts of west central and north Bay of Bengal, and some parts of Mizoram today, the 24th May 2025.
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- **Conditions are favourable for further advance of Southwest Monsoon into some more parts of central Arabian Sea, entire Goa and some parts of Maharashtra during next 2-3 days.**



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 45 kmph to 55 kmph gusting to 65 kmph along and off North Konkan, from 24th to 25th May 2025. Squally weather with wind speed 35 kmph to 50 kmph gusting to 60 kmph along and off North Konkan, from 26th to 28th May 2025.

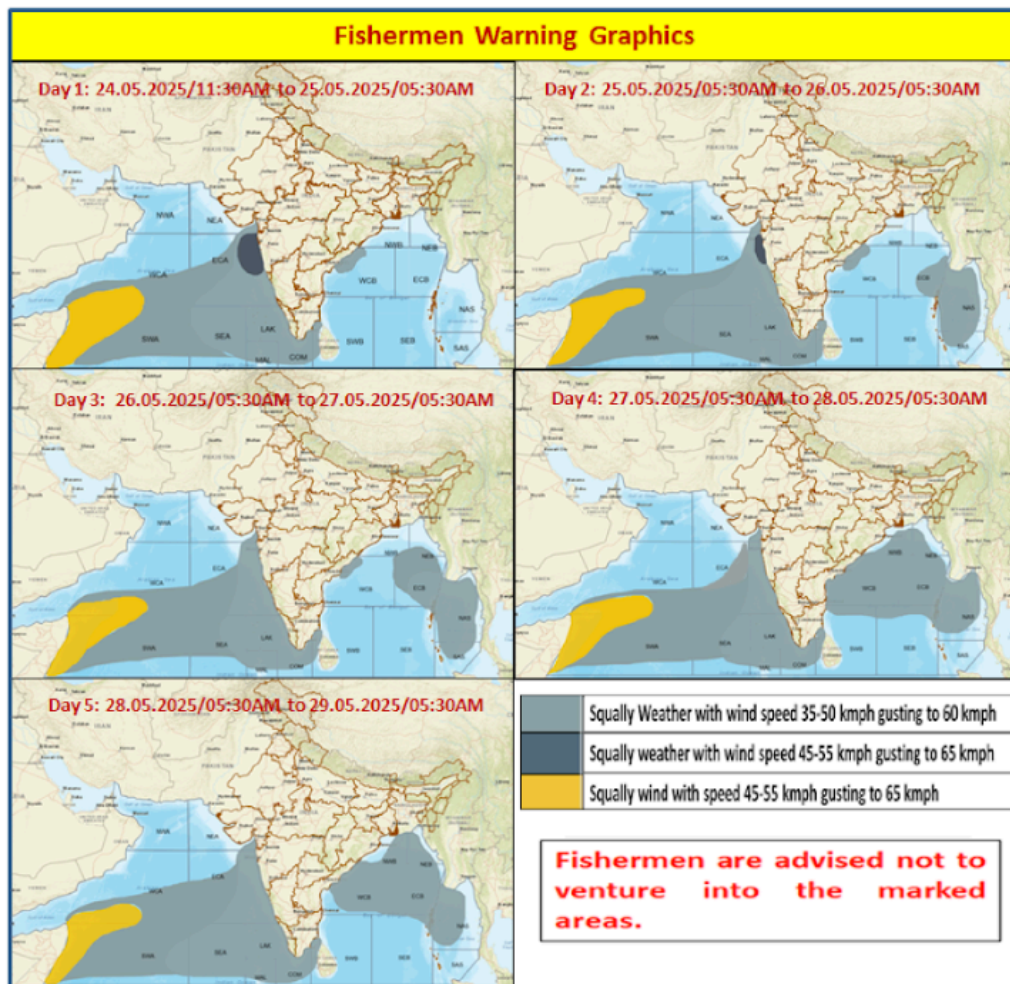
Warning for South Maharashtra–Goa coast : (upto 75km from the coast) :

Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph along and off South Konkan-Goa, from 24th to 25th May 2025. Squally weather with wind speed 35 kmph to 50 kmph gusting to 60 kmph along and off South Konkan-Goa, from 26th to 28th May 2025.

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

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 . Keep hoisted **Local Cautionary signal Number III (LC III)** at all ports from Dahanu to Marmugao of South Maharashtra Goa Coast.



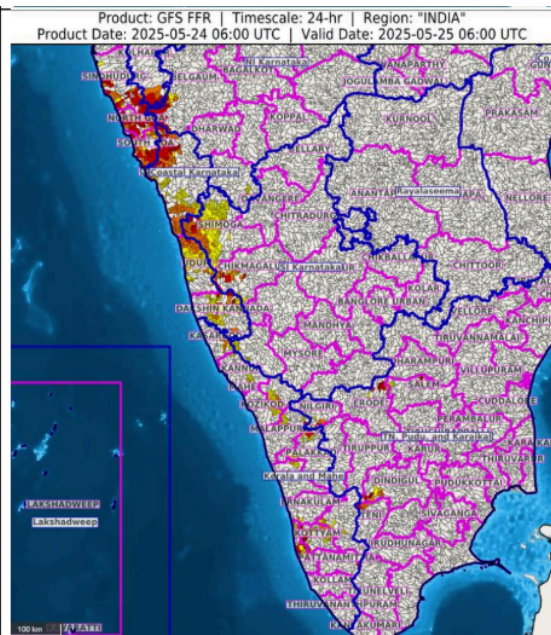
Flash Flood Guidance:

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 25-05-2025 :

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.
Kerala & Mahe - Alappuzha, Ernakulam, Idukki, Kannur, Kasargod, Kottayam, Kozikod, Malappuram, Palakkad, Pattanamittia, Trishur and Wayanad districts.
Konkan & Goa - North Goa, South Goa and Sindhudurg 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 kutcha 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

Phone: +91 022 22150431/22174719/22174735