



Government of India
India Meteorological Department
Regional Meteorological Centre
Mumbai – 400005

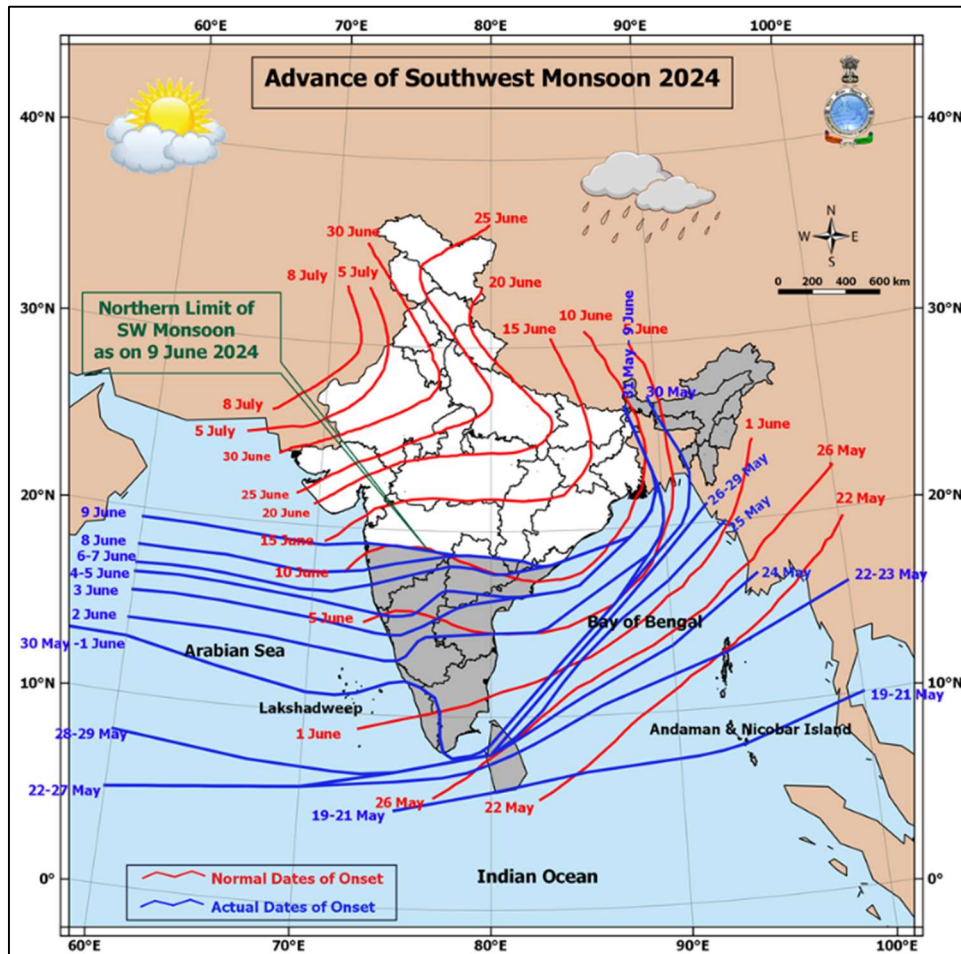
Date: 9th June 2024

PRESS RELEASE No. 4

Current status of Monsoon & Heavy to Very Heavy Rainfall over parts of Maharashtra

- Southwest Monsoon has further advanced into remaining parts of central Arabian Sea, some parts of north Arabian Sea, some more parts of Maharashtra (**including Mumbai**) today, the 09th June, 2024.
- The Northern Limit of Monsoon now passes through 19.5°N/60°E, 19.5°N/65°E, 19.0°N/70°E, Thane, Ahmednagar, Beed, Nizamabad, Sukma, Malkangiri, Vizianagaram, 19.5°N/88°E, 21.5°N/89.5°E, 23°N/89.5°E and Islampur.

Current status of Monsoon



Increase in rainfall activity over parts of Maharashtra:

Due to gradual strengthening of westerly winds in association with south west monsoon, a gradual increase in rainfall activity is expected over parts of Maharashtra during next 2-3 days. **Widespread rainfall activity with heavy (64.5-115.5 mm) to very heavy (115.6-204.4 mm) rainfall is expected over Konkan and adjoining ghat areas of Madhya Maharashtra during the above period. Possibility of extreme heavy (>204.5 mm) rainfall is also expected at isolated places of south Konkan and adjoining ghat region of Madhya Maharashtra.** Thunderstorms accompanied with lightning and gusty winds is also very likely to occur over parts of Maharashtra during the above period.

Weather Systems:

- The shear zone now runs roughly along 18°N between 3.1 km & 7.6 km above mean sea level.
- A cyclonic circulation lies over Marathwada & neighbourhood at 1.5 km above mean sea level.
- The trough from Maharashtra to North Kerala extending upto 0.9 km above mean sea level has become less marked.

Realised heavy rainfall (greater than 7cm) during past 24 hours :

Konkan & Goa: Mulde_ Agri (dist Sindhudurg) 22, Kudal (dist Sindhudurg) 19, Devgad (dist Sindhudurg) 16, Malvan (dist Sindhudurg) 15, Sawantwadi (dist Sindhudurg) 14, Rajapur (dist Ratnagiri) 13, Vengurla - Imd Pt (dist Sindhudurg) 11, Alibag - Imd Part Time (dist Raigad) 11, Ratnagiri - Imd Obsy (dist Ratnagiri) 11, Poladpur (dist Raigad) 10, Kankavli (dist Sindhudurg) 10, Canacona (dist South Goa) 9, Vaibhavwadi (dist Sindhudurg) 9, Mahad (dist Raigad) 9, Sangameshwar Devrukhi (dist Ratnagiri) 7, Sanguem (dist South Goa) 7

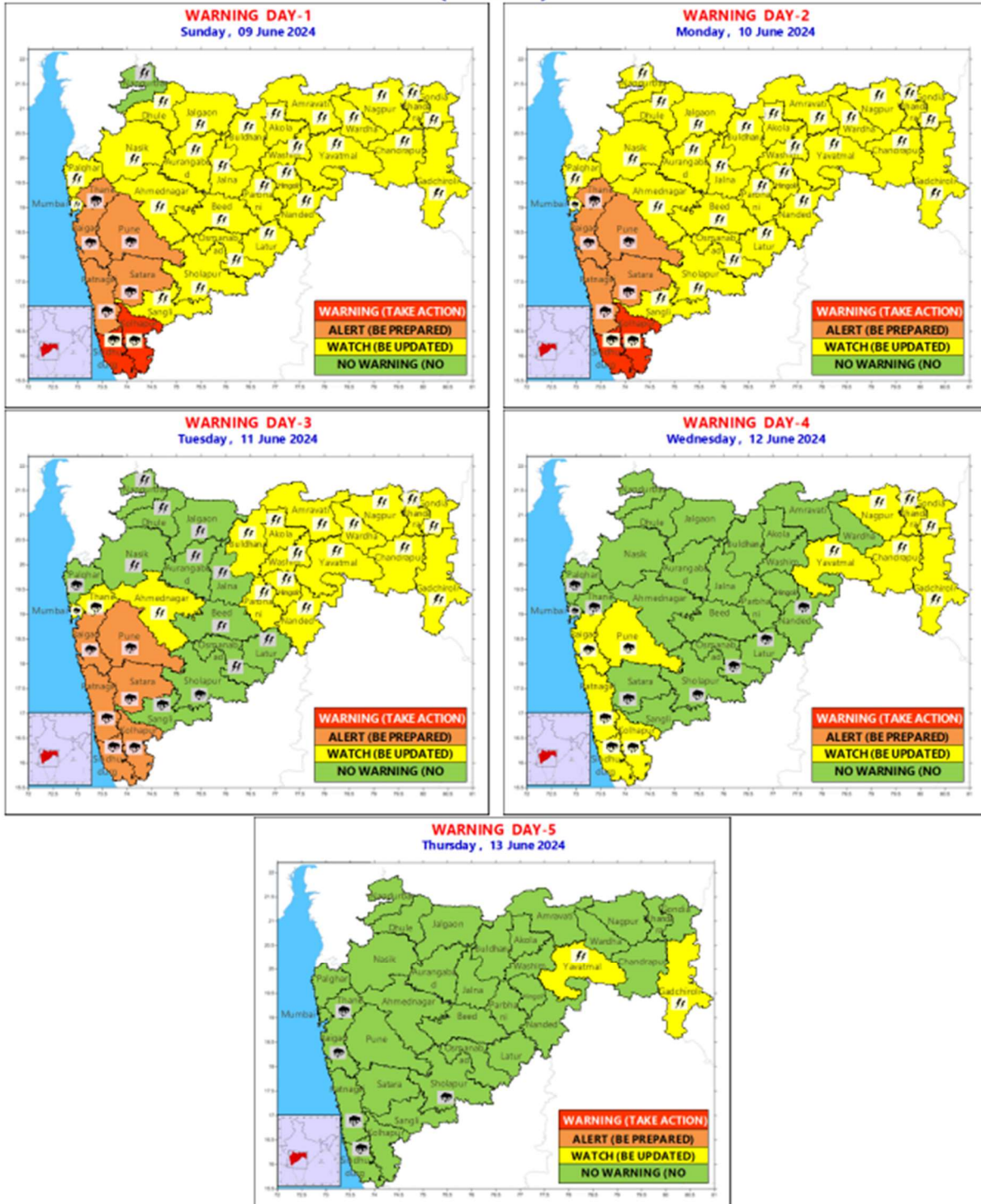
Madhya Maharashtra : Pune City - Imd Obsy (dist Pune) 12, Kagal (dist Kolhapur) 8, Khandala Bavda (dist Satara) 7, Pandharpur (dist Sholapur) 7, Shahuwadi (dist Kolhapur) 7

Marathwada: Renapur (dist Latur) 7

District wise Forecast and Warnings:

The colour coded district-wise forecast and warnings are as follows:

(WARNING)



For more details, kindly refer to: <https://mausam.imd.gov.in/mumbai/mcdata/district.pdf>

Legends:

No warning (No Action)	Watch (Be updated)	Alert (Be prepared)	Warning (Take Action)
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Very light rain	Light rain	Moderate rain	Heavy rainfall	Very Heavy rainfall	Extremely hvy rainfall
Trace-2.4 mm	2.5-15.5 mm	15.6-64.4 mm	64.5-115.5 mm	115.6-204.4 mm	Greater than 204.4mm

Likely	Very Likely	Most Likely
26-50% probability	51-75% probability	Greater than 75% probability

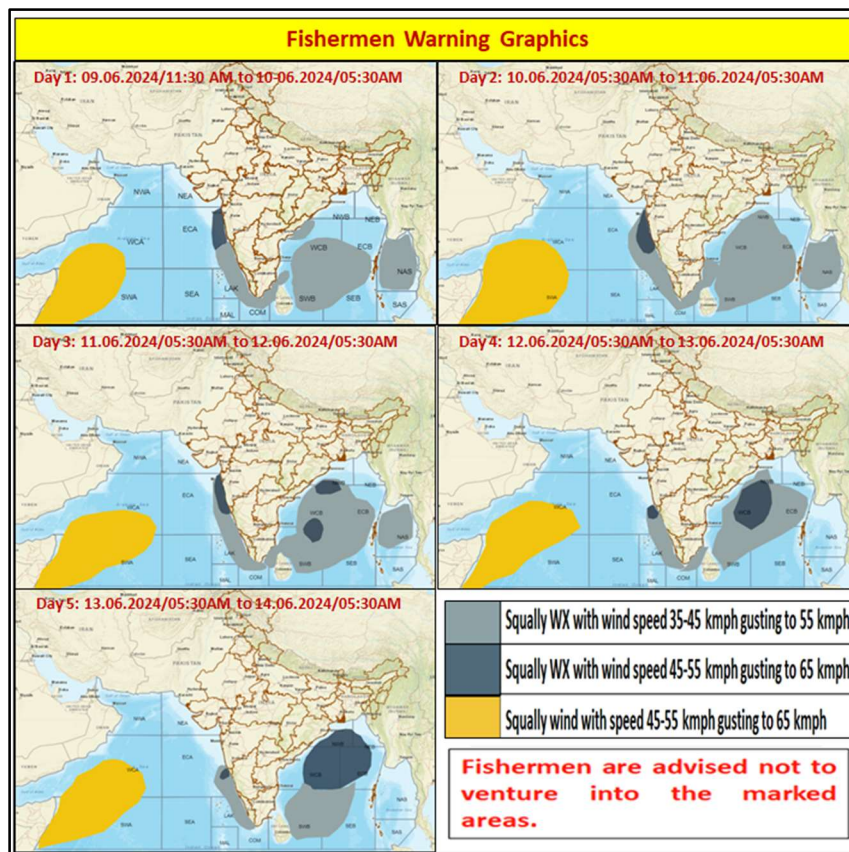
Fishermen Warning for next 5 days:

Warning for North Maharashtra coast: (upto 75km from the coast):

- Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail along and off North Maharashtra coast on 9th to 13th June.
- Fishermen are advised not to venture along & off North Maharashtra coast during above mentioned period.

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

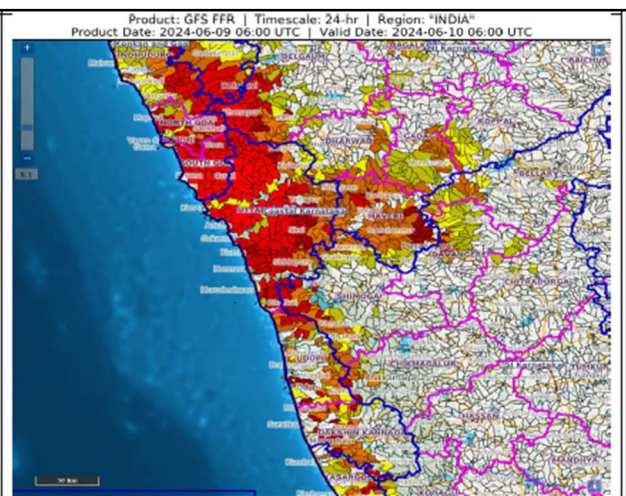
- Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail along and off South Maharashtra-Goa coast on 9th to 13th June
- Fishermen are advised not to venture along & off South Maharashtra-Goa coast during above mentioned period.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 10-06-2024 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Coastal Karnataka** and adjoining **Konkan & Goa Met** Sub-divisions during next 24 hours.

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



Impact Expected:

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Possibility of flash floods.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption to road, rail, air and ferry transport leading to increased travel time.
- Possible uprooting of weak trees and collapse of old and unmaintained structures.
- Local disruption of municipal services (Water, electricity etc.)
- Possibility of landslide/mudslides and rock falls in hilly areas of Konkan and adjoining ghat areas of Madhya Maharashtra.)
- Squally weather and rough Sea conditions along the coastal districts of Konkan (Sindhudurg, Ratnagiri, Raigad, Mumbai, Palghar)
- Damage to horticulture and standing crops due to water inundation and gusty winds.
- Minor damage to kutchha houses/walls and huts.
- Possibility of cloud to ground lightning during thunderstorms.

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 structure.
- Avoid working in open areas and fields while thunderstorms are taking place.
- Avoid taking shelter under tall trees and structures when thunderstorm is occurring.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

Agromet Advisory:

- 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 untimely rains the stored grains should be shifted at 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 shed. Keep farm animals indoor during thunderstorm & lightning.

The warnings are issued based on latest observations and numerical weather prediction model guidance available. Please be regularly updated with the latest warnings and forecasts issued by IMD in coming days.

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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