



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

Date: 8 June 2024

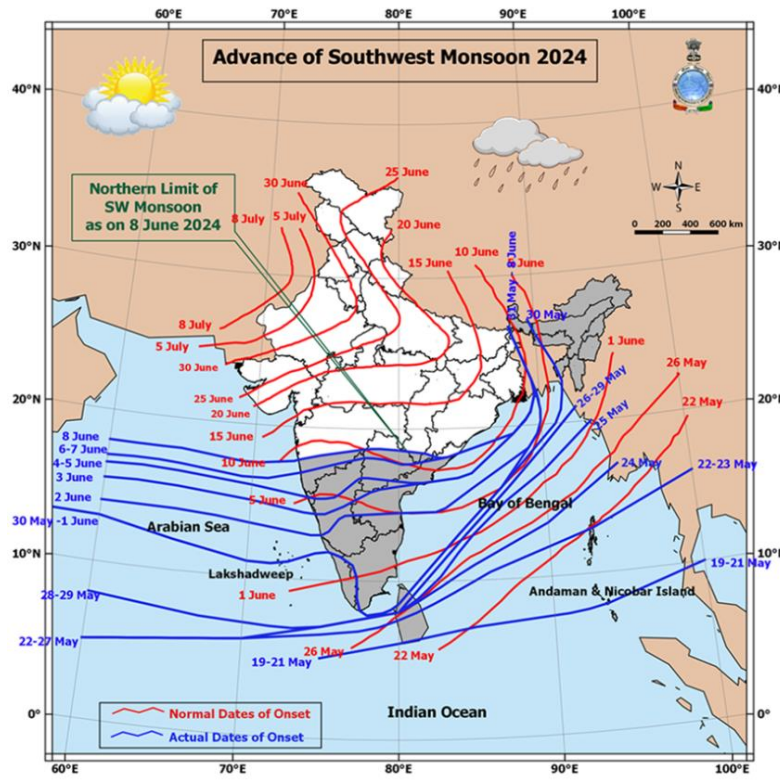
PRESS RELEASE No. 3

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

Current status of Monsoon:

- Southwest Monsoon has advanced into some more parts of central Arabian Sea, south Maharashtra, Telangana and some parts of south Chhattisgarh & south Odisha and some more parts of Coastal Andhra Pradesh today, the 08th June, 2024.
- The Northern Limit of Monsoon now passes through 18.0°N/60°E, 18.0°N/65°E, 17.5°N/70°E, Harnai, Baramati, Nizamabad, Sukma, Malkangiri, Vizianagaram, 19.5°N/88°E, 21.5°N/89.5°E, 23°N/89.5°E and Islampur.

Conditions are favourable for further advance of Southwest Monsoon into remaining parts of central Arabian Sea, some more parts of Maharashtra (including Mumbai) and Telangana during next 2-3 days.



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 3-4 days. **Widespread rainfall activity with heavy to very heavy rainfall is expected over Konkan and adjoining ghat areas of Madhya Maharashtra during the above period. Possibility of extremely heavy rainfall is also expected at isolated places.** Thunderstorms accompanied with lightning and gusty winds is also very likely to occur over the region during the above period.

Weather Systems:

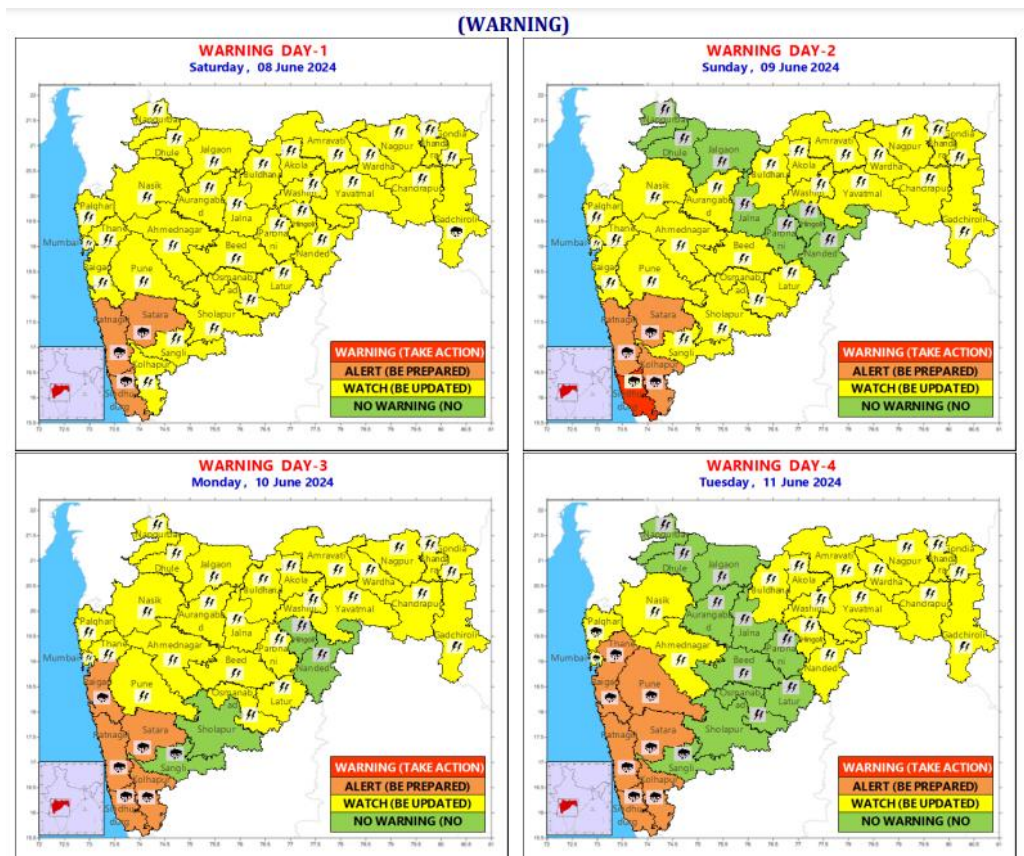
- The shear zone now runs roughly along 16°N between 3.1 km & 7.6 km above mean sea level.
- The trough from south Maharashtra to southeast Arabian off south Kerala now runs from Maharashtra to North Kerala and extends upto 0.9 km above mean sea level.

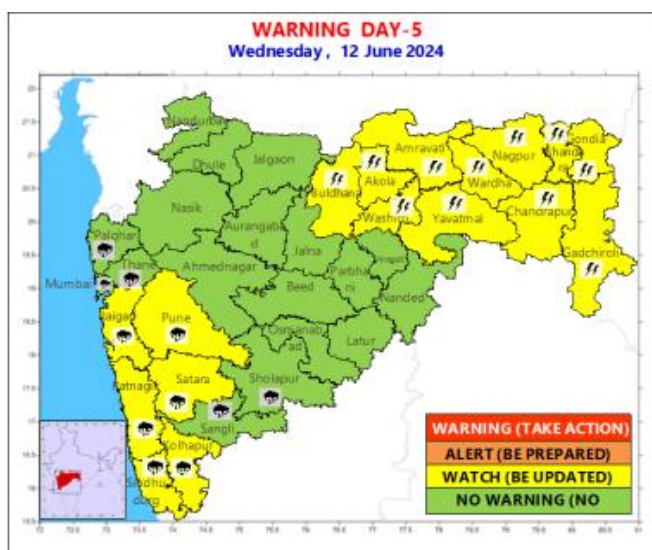
Realised heavy rainfall (greater than 7cm) during past 24 hours :

Konkan-Goa : Canacona (dist South Goa) 19, Quepem (dist South Goa) 17, Sanguem (dist South Goa) 15, Malvan (dist Sindhudurg) 11, Palghar_agri (dist Palghar) 9, Dodamarg (dist Sindhudurg) 7, Vaibhavwadi (dist Sindhudurg) 7

District wise Forecast and Warnings:

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





Legends:-

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

DISTRICT		08 JUN	09 JUN	10 JUN	11 JUN	12 JUN
		DAY-1 (Today)	DAY-2 (Sun)	DAY-3 (Mon)	DAY-4 (Tue)	DAY-5 (Wed)
PALGHAR	Intensity	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places	Heavy rainfall at isolated places	Moderate rain
	Probability	Very Likely	Very Likely	Very Likely	Very Likely	Very Likely
THANE	Intensity	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places	Heavy to very heavy rainfall at isolated places	Moderate rain
	Probability	Very Likely	Very Likely	Very Likely	Very Likely	Very Likely
MUMBAI	Intensity	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places	Heavy rainfall at isolated places	Moderate rain
	Probability	Very Likely	Very Likely	Very Likely	Very Likely	Very Likely

DISTRICT		DAY-1 (Today)	DAY-2 (Sun)	DAY-3 (Mon)	DAY-4 (Tue)	DAY-5 (Wed)
RAIGAD	Intensity Probability	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Heavy to very heavy rainfall & Thunderstorm with lightning & gusty winds (50-60 Kmph) at isolated places. Very Likely	Heavy to very heavy rainfall at a few places Very Likely	Heavy rainfall at isolated places Very Likely
RATNAGIRI	Intensity Probability	Heavy to very heavy rainfall at isolated places Very Likely	Heavy to very heavy rainfall at a few places Very Likely	Heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places Very Likely	Heavy to very heavy rainfall at a few places Very Likely	Heavy rainfall at isolated places Very Likely
SINDHUDURG	Intensity Probability	Heavy to very heavy rainfall at isolated places Very Likely	Heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places Very Likely	Heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places Very Likely	Heavy to very heavy rainfall at isolated places Very Likely	Heavy rainfall at isolated places Very Likely
DHULE	Intensity Probability	Thunderstorm with accompanied with lightning, light to moderate rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Light to moderate rain / Thundershowers Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Light to moderate rain / Thundershowers Very Likely	Light rain Very Likely
NANDURBAR	Intensity Probability	Thunderstorm with accompanied with lightning, light to moderate rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Light to moderate rain / Thundershowers Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Light to moderate rain / Thundershowers Very Likely	Light rain Very Likely

DISTRICT		08 JUN	09 JUN	10 JUN	11 JUN	12 JUN
		DAY-1 (Today)	DAY-2 (Sun)	DAY-3 (Mon)	DAY-4 (Tue)	DAY-5 (Wed)
JALGAON	Intensity Probability	Thunderstorm with accompanied with lightning, light to moderate rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Light to moderate rain / Thundershowers Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Light to moderate rain / Thundershowers Very Likely	Light rain Very Likely
		Thunderstorm with accompanied with lightning, light to moderate rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm with accompanied with lightning, light to moderate rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Light to moderate rain Very Likely
AHMEDNAGAR	Intensity Probability	Thunderstorm with accompanied with lightning, light to moderate rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm with accompanied with lightning, light to moderate rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Light to moderate rain Very Likely
		Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Heavy to very heavy rainfall at isolated places in ghat areas Very Likely	Heavy rainfall at isolated places in ghat areas Very Likely
PUNE	Intensity Probability	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Heavy to very heavy rainfall at isolated places in ghat areas Very Likely	Heavy rainfall at isolated places in ghat areas Very Likely
		Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Heavy to very heavy rainfall at isolated places in ghat areas Very Likely	Heavy rainfall at isolated places in ghat areas Very Likely

DISTRICT		08 JUN	09 JUN	10 JUN	11 JUN	12 JUN
		DAY-1 (Today)	DAY-2 (Sun)	DAY-3 (Mon)	DAY-4 (Tue)	DAY-5 (Wed)
KOLHAPUR	Intensity Probability	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Heavy to very heavy rainfall at isolated places in ghat areas Very Likely	Extremely heavy rainfall at isolated places in ghat areas Very Likely	Heavy to very heavy rainfall at isolated places in ghat areas Very Likely	Heavy rainfall at isolated places in ghat areas Very Likely
	Intensity Probability	Heavy to very heavy rainfall & Thunderstorm with lightning & gusty winds (50-60 Kmph) at isolated places. Very Likely	Heavy to very heavy rainfall at isolated places in ghat areas Very Likely	Heavy to very heavy rainfall at isolated places in ghat areas Very Likely	Extremely heavy rainfall at isolated places in ghat areas Very Likely	Heavy rainfall at isolated places in ghat areas Very Likely
SANGLI	Intensity Probability	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall& gusty winds (40-50kmph) at isolated places Very Likely	Moderate rain Very Likely	Moderate rain Very Likely	Moderate rain Very Likely
SHOLAPUR	Intensity Probability	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall& gusty winds (40-50kmph) at isolated places Very Likely	Light to moderate rain Very Likely	Light to moderate rain Very Likely	Moderate rain Very Likely

DISTRICT		08 JUN	09 JUN	10 JUN	11 JUN	12 JUN
		DAY-1 (Today)	DAY-2 (Sun)	DAY-3 (Mon)	DAY-4 (Tue)	DAY-5 (Wed)
HINGOLI	Intensity Probability	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Light to moderate rain / Thundershowers Very Likely	Light to moderate rain / Thundershowers Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Light to moderate rain Very Likely
		Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Light to moderate rain / Thundershowers Very Likely	Light to moderate rain / Thundershowers Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Light to moderate rain Very Likely
NANDED	Intensity Probability	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Light to moderate rain / Thundershowers Very Likely	Light to moderate rain / Thundershowers Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Light to moderate rain Very Likely
		Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Light rain/ Thundershowers Very Likely	Light to moderate rain Very Likely
LATUR	Intensity Probability	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Light rain/ Thundershowers Very Likely	Light to moderate rain Very Likely
		Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Light to moderate rain / Thundershowers Very Likely	Light to moderate rain Very Likely
Dharashiv	Intensity Probability	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Light to moderate rain / Thundershowers Very Likely	Light to moderate rain Very Likely
		Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds (50-60kmph) at isolated places Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places Very Likely	Light to moderate rain / Thundershowers Very Likely	Light to moderate rain Very Likely

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)
---------------------------	-----------------------	------------------------	--------------------------

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

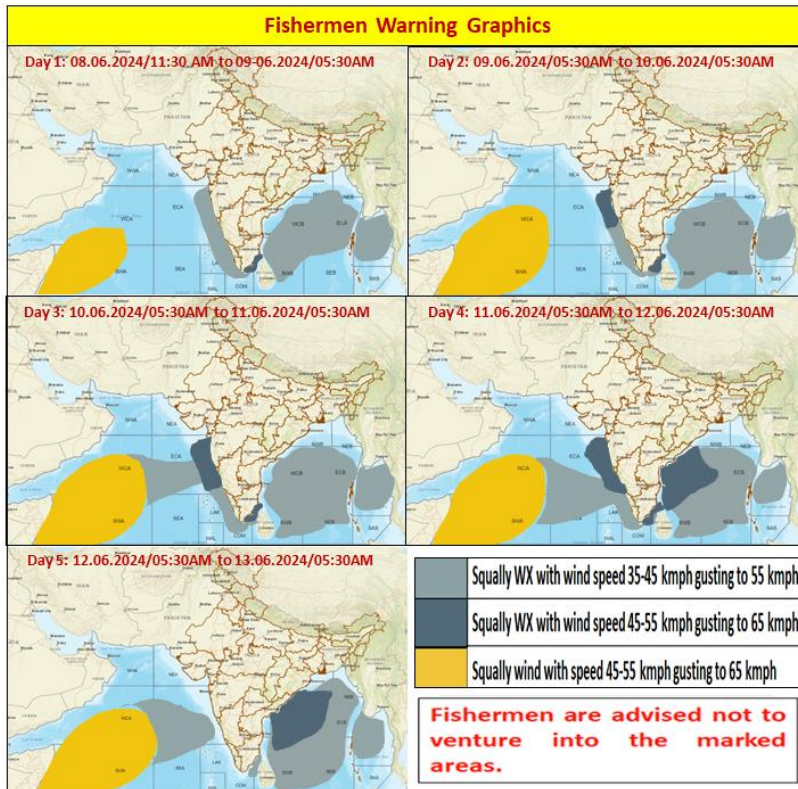
Fishermen Warning for next 5 days:

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

- Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph likely to prevail along and off North Maharashtra on 8th June 2024.
- Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail along and off Maharashtra-Goa on 9th to 11th June 2024.
- **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 35 kmph to 45 kmph gusting to 55 kmph likely to prevail along and off South Maharashtra-Goa on 8th June 2024.
- Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail along and off Maharashtra-Goa on 9th to 11th June 2024.
- **Fishermen are advised not to venture along & off South Maharashtra-Goa coast during above mentioned period.**



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

Phone: [+91 022 22150431/22174719/22174735](tel:+9102222150431)