

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

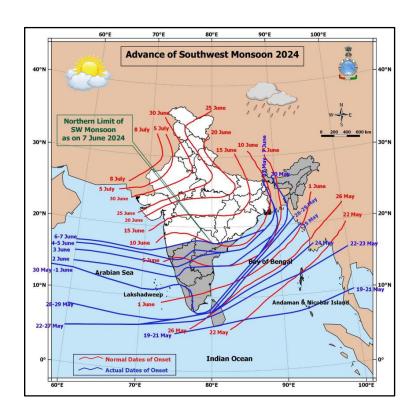
Date: 7th June 2024

#### PRESS RELEASE No. 2

## Heavy to very Heavy Rainfall likely over parts of Maharashtra during next 5 days

## **Current status of Monsoon:**

- ➤ The Northern Limit of Monsoon continues to pass through 17.0°N/60°E, 17.0°N/65°E, 16.5°N/70°E, Ratnagiri, Solapur, Medak, Bhadrachalam, 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 some more parts of central Arabian Sea, some more parts of Maharashtra (including Mumbai), Telangana, remaining parts of Coastal Andhra Pradesh, some parts of south Chhattisgarh & South Odisha, remaining parts of Westcentral & more parts of Northwest Bay of Bengal during next 3-4 days.



## **Increase in rainfall activity over parts of Maharashtra:**

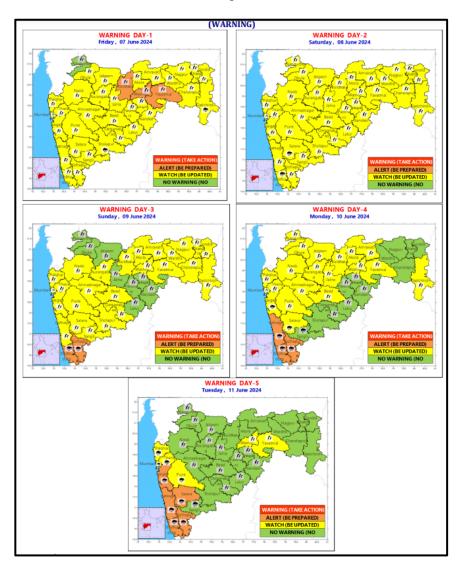
Due to gradual strengthening of westerly winds in association with south west monsoon, a gradual increase in rainfall activity is expected over parts of Maharashtra during next 5 days. Widespread rainfall activity with heavy to very heavy rainfall is expected over Konkan and adjoining ghat areas of Madhya Maharashtra during the above period. Thunderstorms accompanied with lightning and gusty winds is very likely to occur over inter during the above period.

## **Weather Systems:**

- A shear zone runs roughly along 16°N in lower & middle tropospheric levels.
- A cyclonic circulation lies over south Telangana & neighborhood, and a trough runs from south Maharashtra to southeast Arabian off south Kerala in lower tropospheric levels.

## **District wise Forecast and Warnings:**

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



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

		07 JUN	08 JUN	09 JUN	10 JUN	11 JUN
DISTRICT		DAY-1	DAY-2	DAY-3	DAY-4	DAY-5
		(Today)	(Sat)	(Sun)	(Mon)	(Tue)
RATNAGIRI	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 a few places Very Likely	Heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places Very Likely
SINDHUDURG	Intensity Probability	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 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
DHULE	Intensity Probability	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  Very Likely	Light to moderate rain / Thundershowers Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall& gusty winds (40- 50kmph) at isolated places	Light to moderate rain / Thundershowers Very Likely
NANDURBAR	Intensity Probability	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	Thunderstorm accompanied with lightning, light to moderate rainfall& gusty winds (40-50kmph) at isolated places  Very Likely	Light to moderate rain / Thundershowers Very Likely
JALGAON	Intensity Probability	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 Very Likely	Light to moderate rain / Thundershowers Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall& gusty winds (40- 50kmph) at isolated places	Light to moderate rain / Thundershowers Very Likely

		07 JUN	08 JUN	09 JUN	10 JUN	11 JUN
DISTRICT		DAY-1	DAY-2	DAY-3	DAY-4	DAY-5
		(Today)	(Sat)	(Sun)	(Mon)	(Tue)
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	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
SHOLAPUR	Intensity Probability	Heavy to very heavy rainfall & Thunderstorm with lightning & gusty winds (50- 60 Kmph) 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 Very Likely	Light to moderate rain Very Likely
CHHATRAPATI SAMBHAJI NAGAR	Intensity Probability	Thunderstorm with accompanied with lightning, heavy rainfall & gusty winds ( 50-60kmph) at isolated places	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	Thunderstorm accompanied with lightning, light to moderate rainfall& gusty winds (40- 50kmph) at isolated places Very Likely	Light to moderate rain / Thundershowers Very Likely
JALNA	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	Light to moderate rain / Thundershowers Very Likely	Thunderstorm accompanied with lightning, light to moderate rainfall& gusty winds (40- 50kmph) at isolated places	Light rain/ Thundershowers Very Likely
PARBHANI	Intensity Probability	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	Light to moderate rain / Thundershowers Very Likely	Light to moderate rain / Thundershowers Very Likely	Light rain/ Thundershowers Very Likely

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

		07 JUN	OB JUN	09 JUN	10 JUN	11 JUN
DISTRICT		DAY-1	DAY-2	DAY-3	DAY-4	DAY-5
		(Today)	(Sat)	(Sun)	(Mon)	(Tue)
AKOLA	Intensity Probability	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40-50 Kmph) Most Likely To Occur At Isolated Places. Most Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40- 50 Kmph) Most Likely To Occur At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Light rain Very Likely
AMRAVATI	Intensity Probability	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40-50 Kmph) Most Likely To Occur At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40- 50 Kmph) Most Likely To Occur At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Light rain Very Likely
BHANDARA	Intensity Probability	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40-50 Kmph) Most Likely To Occur At Isolated Places. Most Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40- 50 Kmph) Most Likely To Occur At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Light rain Very Likely	Light rain Very Likely
BULDHANA	Intensity Probability	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40-50 Kmph) Most Likely To Occur At Isolated Places. Most Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40- 50 Kmph) Most Likely To Occur At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Light rain Very Likely

		07 JUN	08 JUN	09 JUN	10 JUN	11 JUN
DISTRICT		DAY-1	DAY-2	DAY-3	DAY-4	DAY-5
		(Today)	(Sat)	(Sun)	(Mon)	(Tue)
CHANDRAPUR	Intensity Probability	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40-50 Kmph) Most Likely To Occur At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40- 50 Kmph) Most Likely To Occur At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Light rain Very Likely	Light rain Very Likely
GADCHIROLI	Intensity Probability	Heavy Rainfall In Isolated Places. Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40-50 Kmph) Most Likely To Occur At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40- 50 Kmph) Most Likely To Occur At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Light rain Likely
GONDIA	Intensity Probability	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40-50 Kmph) Most Likely To Occur At Isolated Places. Most Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40- 50 Kmph) Most Likely To Occur At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Light rain Very Likely	Light rain Very Likely
NAGPUR	Intensity Probability	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40-50 Kmph) Most Likely To Occur At Isolated Places. Most Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40- 50 Kmph) Most Likely To Occur At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Light rain Very Likely	Light rain Very Likely

		07 JUN	08 JUN	09 JUN	10 JUN	11 JUN
DISTRICT		DAY-1	DAY-2	DAY-3	DAY-4	DAY-5
		(Today)	(Sat) Thunderstorm	(Sun)	(Mon)	(Tue)
WARDHA	Intensity Probability	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40-50 Kmph) Most Likely To Occur At Isolated Places. Most Likely	With Lightning Accompanied With Gusty Winds (Speed Reaching 40- 50 Kmph) Most Likely To Occur At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Light rain Very Likely	Light rain Very Likely
WASHIM	Intensity Probability	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40-50 Kmph) Most Likely To Occur At Isolated Places. Most Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40- 50 Kmph) Most Likely To Occur At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely
YAVATMAL	Intensity Probability	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40-50 Kmph) Most Likely To Occur At Isolated Places. Most Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching 40- 50 Kmph) Most Likely To Occur At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely	Thunderstorm With Lightning Accompanied With Gusty Winds (Speed Reaching Upto 30-40 Kmph) At Isolated Places. Very Likely

Legends:

No warning	Watch	Alert	Warning (Take
(No Action)	(Be updated)	(Be prepared)	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:

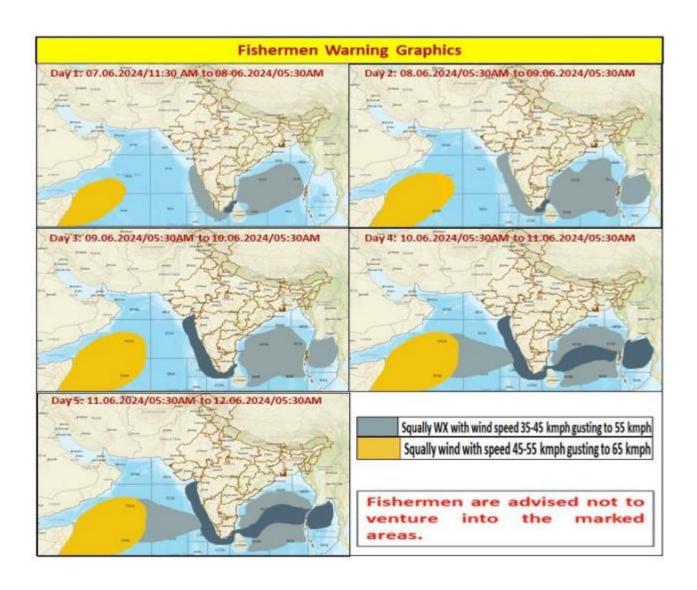
## **▶** Warning for North Maharashtra coast: (upto 75km from the coast):

Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph likely to prevail along and off North Maharashtra on 8thJune. 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.

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 7th to 8th June. 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. **Fishermen are advised not to venture along & off South Maharashtra-Goa coast during above mentioned period.** 



## **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 plantation, horticulture and standing crops.
- Minor damage to kutcha houses/walls and huts.
- Possibility of cloud to ground lightning during thunderstorm events.

### **Action Suggested:**

- 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:**

- As there is possibility of thunderstorm activity accompanied with gusty winds (40 to 50 kmph), lightening 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 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. 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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