



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

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Sub: Updates on Enhancement of Rainfall Activity over parts of Konkan and adjoining Madhya Maharashtra

In view of the low-pressure area formed, which now lies over North west Bay of Bengal and adjoining and the east west shear zone which roughly runs along 17 deg N, parts of Konkan - Goa and adjoining ghat areas of Madhya Maharashtra is very likely to receive enhanced rainfall activity during next 2 days with gradual reduction thereafter.

Weather Systems:

- The Low Pressure Area over Northwest Bay of Bengal and adjoining north coastal Odisha with associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwestwards with height persists. It is likely to move west-northwestwards during next 2-3 days.
- An east-west shear zone lies roughly along Lat. 17°N across Peninsular India between 3.1 km & 7.6 km above mean sea level tilting southwards with height across the cyclonic circulation associated with the above Low Pressure Area. Strengthening of lower level winds and its convergence along the west coast is very likely during next 2 days.
- As a consequence of these meteorological features, southwesterly monsoon flow is expected to strengthen, and the rainfall distribution and activity is expected to increase over the region with heavy to very rainfall at isolated places and possibility of extremely heavy falls too.

In continuation with the earlier press release dated 20th Sept, the updated detailed district wise forecast and warnings for the region are as follows:

District		21-Sep-20	22-Sep-20	23-Sep-20	24-Sep-20	25-Sep-20
		Mon	Tue	Wed	Thu	Fri
Palghar	<i>Intensity</i>	Thunder storm accompanied with lightning / gusty winds and heavy rain likely at isolated places.	Heavy rain at isolated places.	Light to moderate rain.	Light to moderate rain.	Light to moderate rain.
	<i>Probability</i>	<i>Very Likely</i>	<i>Very Likely</i>	<i>Very Likely</i>	<i>Likely</i>	<i>Likely</i>
Thane	<i>Intensity</i>	Thunder storm accompanied with lightning / gusty winds and heavy rain likely at isolated places.	Heavy to very heavy rain at isolated places.	Heavy rain at isolated places.	Light to moderate rain.	Light to moderate rain.
	<i>Probability</i>	<i>Very Likely</i>	<i>Very Likely</i>	<i>Very Likely</i>	<i>Likely</i>	<i>Likely</i>
Mumbai	<i>Intensity</i>	Thunder storm accompanied with lightning / gusty winds and heavy rain likely at isolated places.	Heavy to very heavy rain at isolated places.	Heavy rain at isolated places.	Light to moderate rain.	Light to moderate rain.
	<i>Probability</i>	<i>Very Likely</i>	<i>Very Likely</i>	<i>Very Likely</i>	<i>Likely</i>	<i>Likely</i>

Raigad	<i>Intensity</i>	Thunder storm accompanied with lightning/gusty winds and very heavy rain likely at isolated places.	Extremely heavy rainfall likely at isolated places in ghat areas.	Heavy rain at isolated places.	Light to moderate rain.	Light to moderate rain.
	<i>Probability</i>	<i>Very Likely</i>	<i>Very Likely</i>	<i>Very Likely</i>	<i>Likely</i>	<i>Likely</i>
Ratnagiri	<i>Intensity</i>	Heavy to very heavy rain at isolated places.	Extremely heavy rain at isolated places.	Heavy rain at isolated places.	Light to moderate rain.	Light to moderate rain.
	<i>Probability</i>	<i>Very Likely</i>	<i>Very Likely</i>	<i>Very Likely</i>	<i>Likely</i>	<i>Likely</i>
Sindhudurg	<i>Intensity</i>	Extremely heavy rain at isolated places.	Extremely heavy rain at isolated places.	Heavy rain at isolated places.	Heavy rain at isolated places.	Light to moderate rain.
	<i>Probability</i>	<i>Very Likely</i>	<i>Very Likely</i>	<i>Very Likely</i>	<i>Likely</i>	<i>Likely</i>

District		21-Sep-20	22-Sep-20	23-Sep-20	24-Sep-20	25-Sep-20
		Mon	Tue	Wed	Thu	Fri
Dhule	<i>Intensity</i>	Thunder storm accompanied with lightning / gusty winds and heavy rain likely at isolated places.	Light to moderate rain.	Light to moderate rain.	Very light to light rain	Very light to light rain
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely
Nandurbar	<i>Intensity</i>	Thunder storm with lightning at isolated places.	Light to moderate rain.	Light to moderate rain.	Light to moderate rain.	Very light to light rain
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely
Jalgaon	<i>Intensity</i>	Thunder storm with lightning at isolated places.	Heavy rain at isolated places.	Light to moderate rain.	Very light to light rain	Very light to light rain
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely
Nasik	<i>Intensity</i>	Thunder storm accompanied with lightning / gusty winds and heavy rain likely at isolated places.	Heavy rain at isolated places.	Light to moderate rain.	Light to moderate rain.	Very light to light rain
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely
Ahmednagar	<i>Intensity</i>	Thunder storm accompanied with lightning / gusty winds and heavy rain likely at isolated places.	Light to moderate rain.	Light to moderate rain.	Very light to light rain	Very light to light rain
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely
Pune	<i>Intensity</i>	Thunder storm accompanied with lightning / gusty winds and heavy rain likely at isolated places.	Extremely heavy rainfall likely at isolated places in ghat areas.	Heavy rain at isolated places in ghat areas	Light to moderate rain.	Light to moderate rain.
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely

District		21-Sep-20	22-Sep-20	23-Sep-20	24-Sep-20	25-Sep-20
		Mon	Tue	Wed	Thu	Fri
Kolhapur	<i>Intensity</i>	Heavy to very heavy rain at isolated places in ghat areas.	Extremely heavy rainfall likely at isolated places in ghat areas.	Heavy rain at isolated places in ghat areas	Light to moderate rain.	Light to moderate rain.
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely
Satara	<i>Intensity</i>	Heavy to very heavy rain at isolated places in ghat areas.	Extremely heavy rainfall likely at isolated places in ghat areas.	Heavy rain at isolated places in ghat areas	Light to moderate rain.	Light to moderate rain.
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely
Sangli	<i>Intensity</i>	Light to Moderate Rain / Thunder showers.	Heavy rain at isolated places.	Very light to light rain	Very light to light rain	Very light to light rain
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely
Sholapur	<i>Intensity</i>	Light to Moderate Rain / Thunder showers.	Light to moderate rain.	Very light to light rain	Light to moderate rain.	Light to moderate rain.
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely
Aurangabad	<i>Intensity</i>	Thunder storm accompanied with lightning / gusty winds and heavy rain likely at isolated places.	Heavy rain at isolated places.	Light to moderate rain.	Very light to light rain	Very light to light rain
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely
Jalna	<i>Intensity</i>	Thunder storm with lightning at isolated places.	Light to moderate rain.	Light to moderate rain.	Very light to light rain	Very light to light rain
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely
Parbhani	<i>Intensity</i>	Thunder storm with lightning at isolated places.	Light to moderate rain.	Light to moderate rain.	Very light to light rain	Light to moderate rain.
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely

Beed	<i>Intensity</i>	Thunder storm with lightning at isolated places.	Light to moderate rain.	Light to moderate rain.	Very light to light rain	Light to moderate rain.
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely
Hingoli	<i>Intensity</i>	Thunder storm with lightning at isolated places.	Light to moderate rain.	Light to moderate rain.	Very light to light rain	Very light to light rain
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely
Nanded	<i>Intensity</i>	Thunder storm accompanied with lightning / gusty winds and heavy rain likely at isolated places.	Light to moderate rain.	Very light to light rain	Light to moderate rain.	Light to moderate rain.
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely
Latur	<i>Intensity</i>	Thunder storm with lightning at isolated places.	Light to moderate rain.	Very light to light rain	Light to moderate rain.	Light to moderate rain.
	<i>Probability</i>	Very Likely	Very Likely	Very Likely	Likely	Likely
Osmanabad	<i>Intensity</i>	Thunder storm with lightning at isolated places.	Light to moderate rain.	Very light to light rain	Light to moderate rain.	Light to moderate rain.

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

Impact expected over the region:

- Localized Flooding of roads, water logging in low lying areas
- Disruption of traffic in major cities due to water logging over the roads.
- Occasional gusty winds with speed reaching 45-55 kmph along and off the coast resulting in possibilities of damage to vulnerable /temporary structures.

- Minor damage to kutchha roads and possibility of localized Mudslides in ghat /hilly terrain
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit website of center water commission (<http://www.cwc.gov.in/>))

Action Suggested:

- Check the latest IMD weather updates before taking up the journey and any other field related works.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face water logging problem often.
- Avoid staying in vulnerable structures.

Fishermen Warning for Maharashtra - Goa Coast :

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

- Squally weather with wind speed reaching 45-55 gusting to 60 kmph likely to prevail along and off North Maharashtra coast on 22nd Sept2020.
- Squally weather with wind speed reaching 45-55 likely to prevail along and off North Maharashtra coast on 23rd Sept2020. Fishermen are advised not to venture along and off the coast during the above period
- **Fishermen are advised not to venture into along and off the coast during the above period.**

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

- Squally weather with wind speed reaching 45-55 kmph likely to prevail along and off South MaharashtraGoa coast on 21st Sept2020.
- Squally weather with wind speed reaching 45-55 kmph gusting to 60 kmph likely to prevail along and off South Maharashtra-Goa coast on 22nd Sept2020.
- Squally weather with wind speed reaching 45-55 kmph likely to prevail along and off South MaharashtraGoa coast on 23rd Sept2020

Fishermen are advised not to venture into along and off the coast during the above period.

Warning for High Sea (Beyond 75km from the coast): -

- Squally weather with wind speed reaching 45-55 kmph likely to prevail along and off Kerala-Karnataka coast and over Lakshadweep area on 21st and 22nd Sept 2020

- Squally weather with wind speed reaching 45-55 kmph likely to prevail over Southeast and Eastcentral Arabian sea on 21st and 22nd Sept 2020.
- Strong wind with speed reaching 45-55 kmph likely to prevail over Southwest Arabian sea on 21st , 22nd ,23rd ,24th and 25th Sept 2020.

Fishermen are advised not to venture into these areas during the above period

High wave alert (by INCOIS): Nil

Kindly visit the IMD website <http://www.imd.gov.in> or <http://www.imdmumbai.gov.in> for current weather updates.

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