



**Government of India  
Earth System Sciences Organization  
Ministry of Earth Sciences  
India Meteorological Department**

**Press Release  
Date: 23<sup>rd</sup> September, 2020  
Time of Issue: 1600 hrs IST**

**Subject: Enhanced rainfall activity over East Uttar Pradesh, Bihar, Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya during 23<sup>rd</sup>-26<sup>th</sup> September, 2020**

**A) Weather Systems:**

- A Low Pressure Area lies over central parts of West Madhya Pradesh. It is likely to become less marked by tomorrow, the 24<sup>th</sup> September, 2020. However, its associated cyclonic circulation is likely to re-curve northeastwards to Bihar across Uttar Pradesh during next 3 days.
- Convergence of strong moist southerly/southwesterly winds from Bay of Bengal over northeast & adjoining east India very likely at lower tropospheric levels till 26 September, 2020.
- A trough runs from northeast Uttar Pradesh to north Maharashtra at lower & middle tropospheric levels. It is very likely to persist till tomorrow, the 24<sup>th</sup> September, 2020.
- Conditions are likely to become favourable for Withdrawal of southwest monsoon from West Rajasthan & adjoining areas around 28<sup>th</sup> September, 2020.

**B) Weather Forecast & Warnings:**

- Fairly widespread to widespread rainfall with **Isolated heavy to very heavy falls** very likely over Konkan & Goa and Gujarat Region on 23rd; Assam & Meghalaya on 23rd & 24th; Sub-Himalayan West Bengal & Sikkim; East Uttar Pradesh on 23rd-25th and Bihar on 23<sup>rd</sup>-26<sup>th</sup> September, 2020.
- **Isolated extremely heavy rainfall** also very likely over Sub-Himalayan West Bengal & Sikkim and north Konkan on 23rd and Bihar and East Uttar Pradesh on 24<sup>th</sup> & 25<sup>th</sup> September, 2020.

**C) Impact expected over Sub-Himalayan West Bengal & Sikkim on 23<sup>rd</sup>; East Uttar Pradesh and Bihar on 24<sup>th</sup> & 25<sup>th</sup> September, 2020 due to likely isolated extremely heavy falls**

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Mudslides.
- 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 Central Water Commission (<http://www.cwc.gov.in/>))

For specific district wise impact kindly visit IMD's state level meteorological center websites ([https://mausam.imd.gov.in/imd\\_latest/contents/departamentalweb.php](https://mausam.imd.gov.in/imd_latest/contents/departamentalweb.php)) and national website (<https://mausam.imd.gov.in/>).

**D) Action Suggested:**

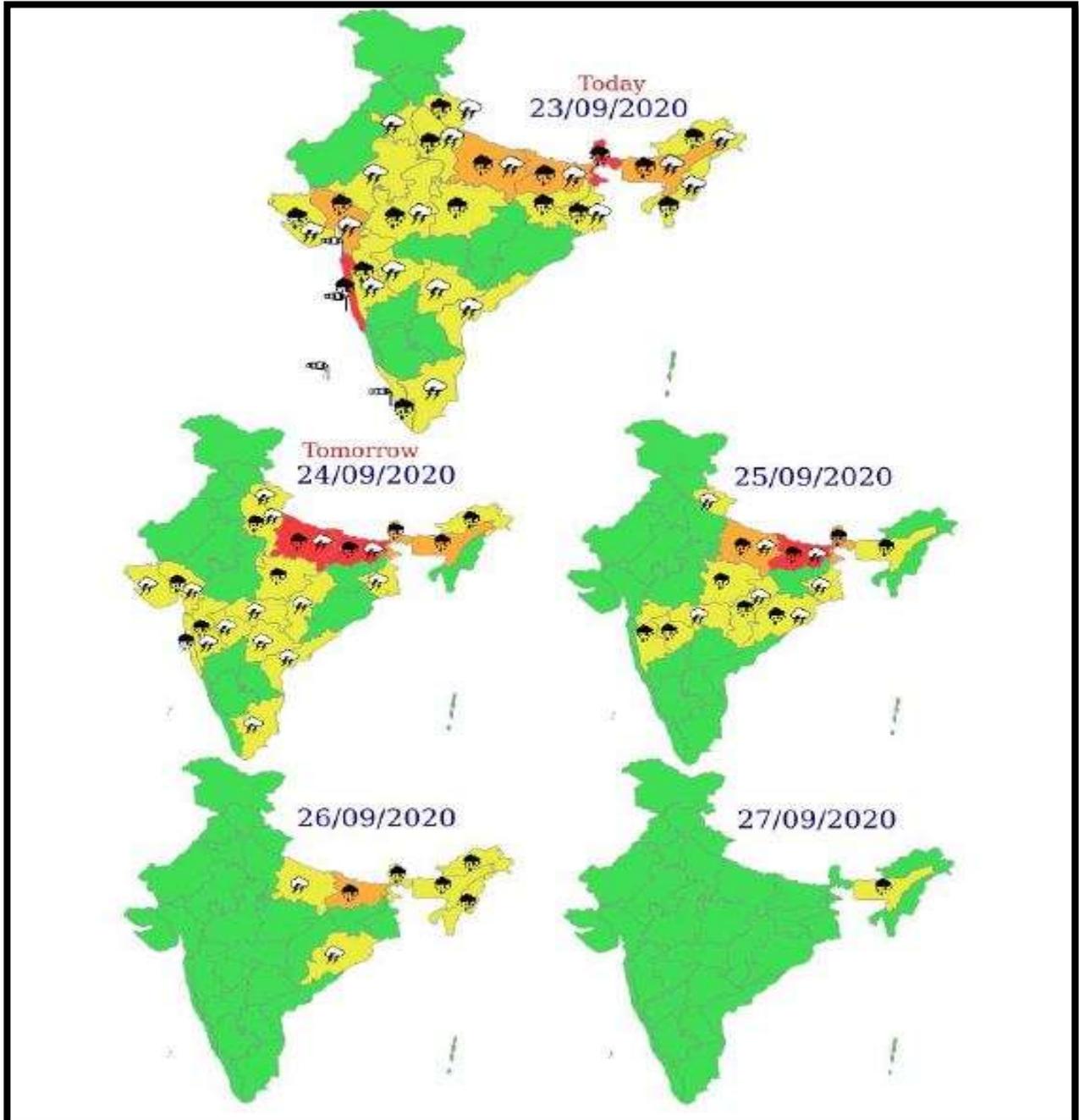
- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face water logging problem often.
- Avoid staying in vulnerable structure.

**Details weather & warnings for next 5 days are as follow:**

Sub-Divisions	23 September*	24 September*	25 September*	26 September*	27 September*
<b>East Uttar Pradesh</b>	Rainfall at most places with heavy to very heavy falls at isolated places	Rainfall at most places with heavy to very heavy rainfall with extremely heavy falls at isolated places	Rainfall at most places with heavy to very heavy rainfall with extremely heavy falls at isolated places	Rainfall at isolated places	Rainfall at isolated places
<b>Bihar</b>	Rainfall at most places with heavy to very heavy falls at isolated places	Rainfall at most places with heavy to very heavy rainfall with extremely heavy falls at isolated places	Rainfall at most places with heavy to very heavy rainfall with extremely heavy falls at isolated places	Rainfall at many places with heavy to very heavy falls at isolated places	Rainfall at a few places
<b>Sub-Himalayan West Bengal</b>	Rainfall at most places with heavy to very heavy rainfall at a few places and extremely heavy falls at isolated places	Rainfall at most places with heavy to very heavy falls at isolated places	Rainfall at most places with heavy to very heavy falls at isolated places	Rainfall at most places with heavy rainfall at isolated places	Rainfall at many places
<b>Assam &amp; Meghalaya</b>	Rainfall at most places with heavy to very heavy falls at isolated places	Rainfall at most places with heavy to very heavy falls at isolated places	Rainfall at most places with heavy rainfall at isolated places	Rainfall at most places with heavy rainfall at isolated places	Rainfall at most places with heavy rainfall at isolated places
<b>Nagaland, Manipur, Mizoram &amp; Tripura</b>	Rainfall at most places with heavy rainfall at isolated places	Rainfall at most places	Rainfall at most places	Rainfall at most places with heavy rainfall at isolated places	Rainfall at most places
<b>Konkan &amp; Goa</b>	Rainfall at most places with heavy to very heavy rainfall with extremely	Rainfall at most places with heavy rainfall at isolated places	Rainfall at most places	Rainfall at most places	Rainfall at many places

	heavy falls at isolated places over northern parts				
<b>Gujarat region</b>	Rainfall at many places with heavy to very heavy falls at isolated places	Rainfall at a few places with heavy rainfall at isolated places	Rainfall at a few places	Rainfall at isolated places	Rainfall at isolated places

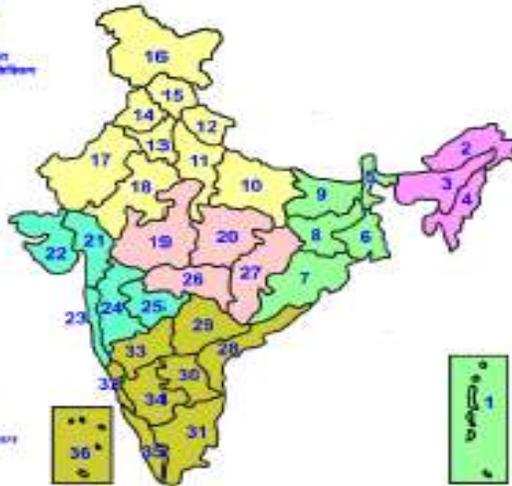
### Multi-hazard weather warning for next 5 days





## LEGENDS

- 1 अंडमान और निकोबार द्वीप समूह
- 2 अरुणाचल प्रदेश
- 3 असम और मिजोरम
- 4 नगालैंड, मणिपुर, मिजोरम & त्रिपुरा
- 5 उप-हिमालय, पश्चिम बंगाल & सिक्किम
- 6 बंगाल की खाड़ी
- 7 ओडिशा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखण्ड
- 13 उत्तर प्रदेश
- 14 हरियाणा
- 15 हिमाचल प्रदेश
- 16 जम्मू & कश्मीर
- 17 कर्नाटक
- 18 कश्मीर
- 19 राजस्थान
- 20 गुजरात
- 21 मध्य प्रदेश
- 22 छत्तीसगढ़
- 23 मध्य प्रदेश
- 24 मध्य प्रदेश
- 25 मध्य प्रदेश
- 26 मध्य प्रदेश
- 27 मध्य प्रदेश
- 28 मध्य प्रदेश
- 29 मध्य प्रदेश
- 30 मध्य प्रदेश
- 31 मध्य प्रदेश
- 32 मध्य प्रदेश
- 33 मध्य प्रदेश
- 34 मध्य प्रदेश
- 35 मध्य प्रदेश
- 36 मध्य प्रदेश



- 1 Andaman & Nicobar Islands
- 2 Arunachal Pradesh
- 3 Assam & Mizoram
- 4 Nagaland, Manipur, Mizoram & Tripura
- 5 Sub-Himalayan West Bengal & Sikkim
- 6 Bengal West Bengal
- 7 Orissa
- 8 Jharkhand
- 9 Bihar
- 10 East Uttar Pradesh
- 11 West Uttar Pradesh
- 12 Uttarakhand
- 13 Haryana, Chand & Delhi
- 14 Punjab
- 15 Himachal Pradesh
- 16 Jammu & Kashmir and Ladakh
- 17 West Rajasthan
- 18 East Rajasthan
- 19 West Madhya Pradesh
- 20 East Madhya Pradesh
- 21 Gujarat
- 22 Chhattisgarh
- 23 Kerala & Goa
- 24 Madhya Maharashtra
- 25 Maharashtra
- 26 Andhra Pradesh
- 27 Chhattisgarh
- 28 Coastal Andhra Pradesh & Telangana
- 29 Telangana
- 30 Karnataka
- 31 Karnataka, Puducherry & Kerala
- 32 Coastal Karnataka
- 33 North Interior Karnataka
- 34 South Interior Karnataka
- 35 Kerala & State
- 36 Lakshadweep

## SPATIAL DISTRIBUTION (% of Stations reporting)

% Stations	Category	% Stations	Category
76-100	Widespread (WS/ Most Places)	25-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)

## WARNING

WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

## Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75



Heavy Rain



Heavy Snow



Thunderstorm



Dust Storm



Strong Winds



Visibility



Cyclone



Squall/ Hail



Frost



Cold Wave



Heat Wave



Sea State

- Legends: Heavy rain: 64.5-115.5 mm/day; Very heavy rain: 115.6-204.4 mm/day; Extremely heavy rain: Greater or equal to 204.5 mm/day
- For further details and forecast updates kindly visit websites of IMD, New Delhi: <http://www.mausam.imd.gov.in>
- For district level warning, kindly visit website of Meteorological Centres/Regional Meteorological Centres of IMD at state levels.
- Kindly download MAUSAM APP for location specific forecast & warning, MEGHDOOT APP for Agromet advisory and DAMINI APP for Lightning Warning.