



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

**Press Release**

**Date: 19 August, 2020  
Time of Issue: 1800 hrs IST**

**Subject: Intense rainfall spell over central parts of the country during next 5 days**

- A Well Marked Low Pressure Area lies over north coastal Odisha & neighbourhood. It is very likely to move westwards and concentrate into a Depression during next 24 hours and an east-west shear zone runs roughly along Lat. 21°N across central India in mid tropospheric levels.
- Under the influence of above systems, widespread rainfall with isolated heavy to very heavy falls very likely along with isolated **extremely heavy falls ( $\geq 20$  cm)** over Odisha on 19<sup>th</sup>; Chhattisgarh on 19<sup>th</sup> & 20<sup>th</sup>; East Madhya Pradesh on 20<sup>th</sup>; West Madhya Pradesh on 21<sup>st</sup> & 22<sup>nd</sup>; East Rajasthan on 22<sup>nd</sup> and Gujarat State on 22<sup>nd</sup> & 23<sup>rd</sup> August, 2020.
- The monsoon trough is active and lies close to its normal position. It is very likely to be south of its normal position and active during next 4-5 days.
- The convergence of strong moist southwesterly winds from the Arabian Sea over plains of Northwest India and Central India at lower levels very likely to continue during next 2 days.
- Under the influence of above systems, fairly widespread to widespread rainfall activity with isolated **heavy to very heavy rainfall** very likely over Jammu Division on 19<sup>th</sup>; Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi on 19<sup>th</sup> & 20<sup>th</sup> and West Uttar Pradesh on 19<sup>th</sup> August, 2020.

### **Impact expected over Odisha, Madhya Pradesh and Gujarat state**

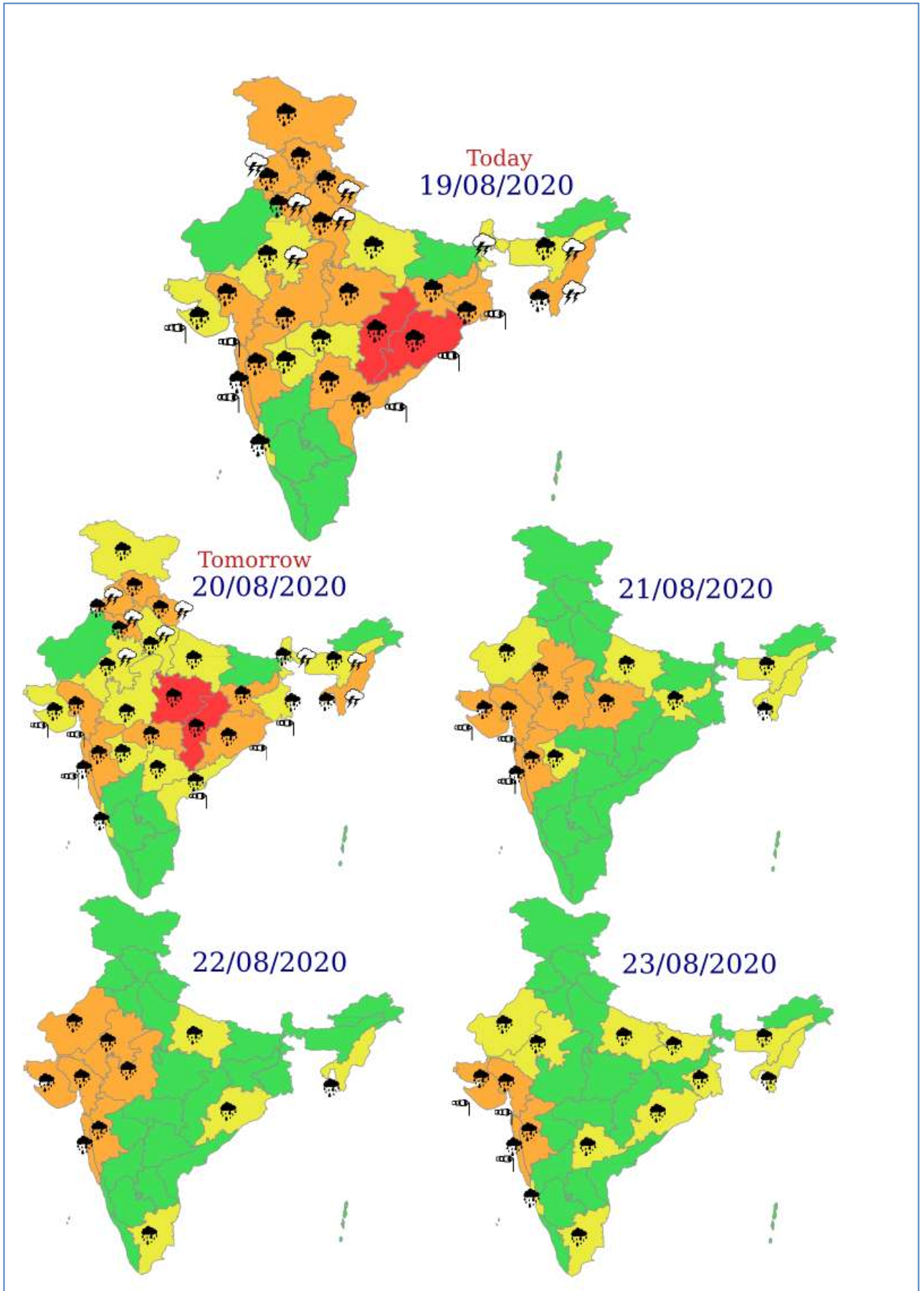
- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor 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 center 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/ind\\_latest/contents/departamentalweb.php](https://mausam.imd.gov.in/ind_latest/contents/departamentalweb.php)) and national website (<https://mausam.imd.gov.in/>).

### **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.

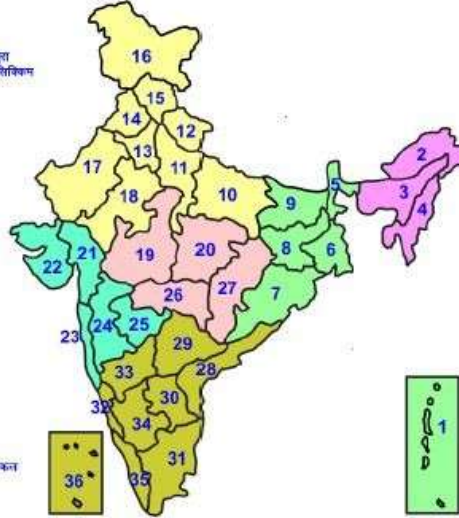
Multihazard sub-division wise warning for next 5 days





## LEGENDS

- 1 अंडमान और निकोबार द्वीप समूह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड, मणिपुर, मिजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल और सिक्किम
- 6 गण्डक पर्वत श्रृंखला
- 7 ओडिशा
- 8 झारखण्ड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखण्ड
- 13 हरियाणा, चंडीगढ़ एवं दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू एवं कश्मीर एवं लद्दाख
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात
- 22 सौराष्ट्र
- 23 कर्नाटक
- 24 मध्य प्रदेश
- 25 मराठवाड़ा
- 26 महाराष्ट्र
- 27 छत्तीसगढ़
- 28 आंध्र प्रदेश एवं यानम
- 29 तेलंगाना
- 30 राजस्थान
- 31 तमिलनाडु, पुदुचेरी एवं केरल
- 32 उत्तरांचल प्रदेश
- 33 उत्तरांचल प्रदेश
- 34 उत्तरांचल प्रदेश
- 35 केरल
- 36 लक्षद्वीप



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic 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. Saurashtra
23. Korkan & Goa
24. Madhya Maharashtra
25. Marathwada
26. Vidharba
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

### SPATIAL DISTRIBUTION (% of Stations reporting)

% Stations	Category	% Stations	Category
76-100	Widespread (WS/ Most Places)	26-50	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



**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.

For lightning warning please visit Damini App.