



**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 (≥ 20 cm)** over Odisha on 19th; Chhattisgarh on 19th & 20th; East Madhya Pradesh on 20th; West Madhya Pradesh on 21st & 22nd; East Rajasthan on 22nd and Gujarat State on 22nd & 23rd 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 19th; Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi on 19th & 20th and West Uttar Pradesh on 19th August, 2020.

Impact expected over Odisha, Madhya Pradesh and Gujarat state

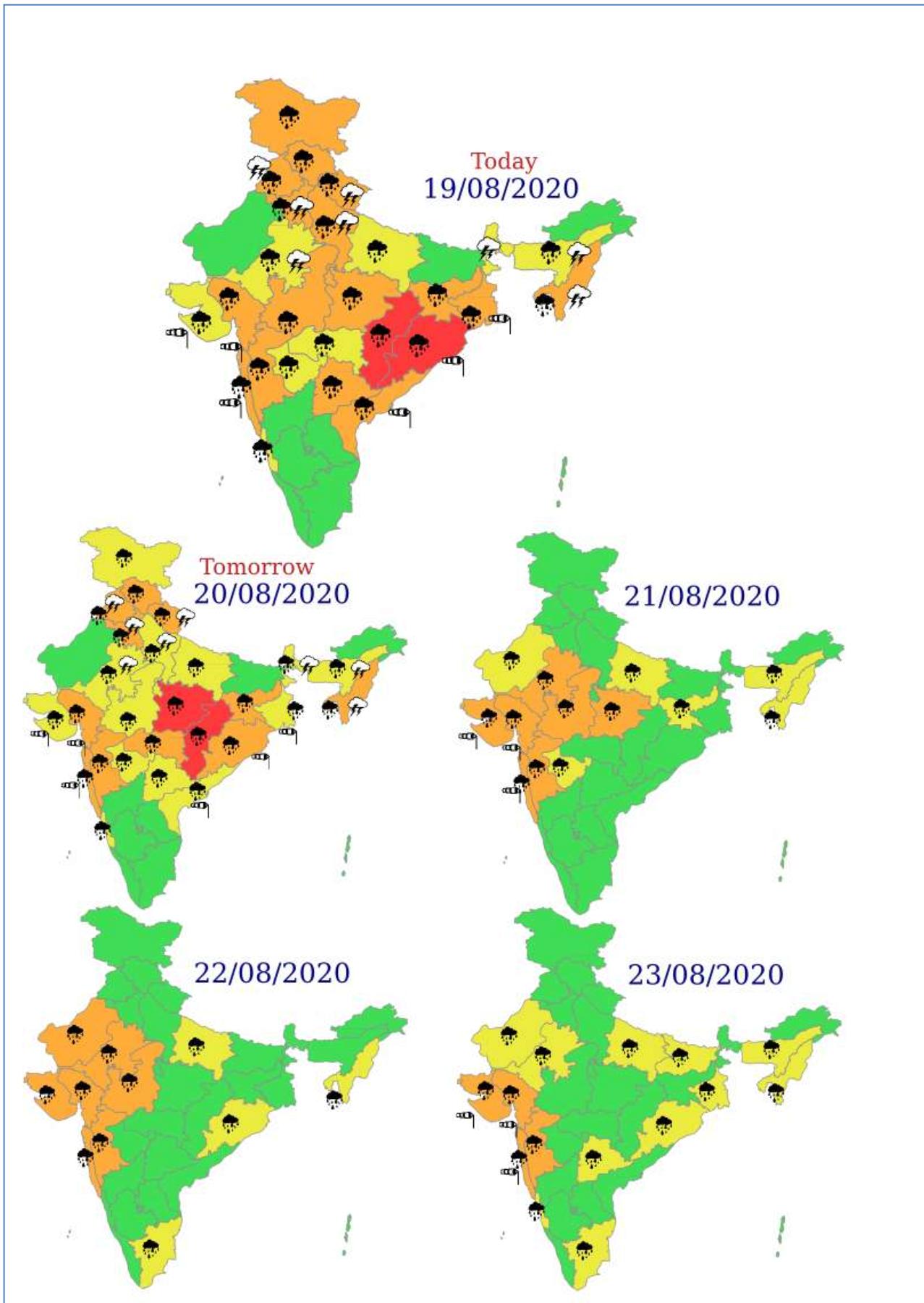
- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutch 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/imd_latest/contents/departmentalweb.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.

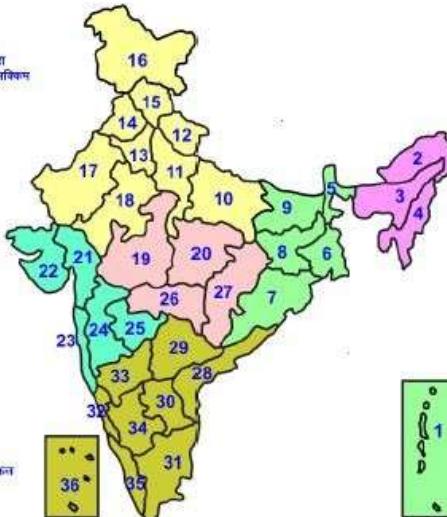
Multihazard sub-division wise warning for next 5 days





LEGENDS

- 1 अंतर्राष्ट्रीय और निकेलेर हीप समूह
- 2 बड़ा बाढ़ यात्रा
- 3 बड़ा बाढ़ और बाढ़ यात्रा
- 4 नगालैंड नगायुर मिसोलन और त्रिपुरा
- 5 चान्द लिम्लैब बोल्ड बोल्ड उपर त्रिपुरा
- 6 पश्चिम गांधी बोल्ड
- 7 आंदमान
- 8 झारखण्ड
- 9 बिहार
- 10 पूर्ण उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखण्ड
- 13 उत्तरी भारतीय उपर दिल्ली
- 14 पंजाब
- 15 लिम्लैब प्रदेश
- 16 जम्मू कश्मीर एवं उत्तराखण्ड
- 17 पश्चिम उत्तराखण्ड
- 18 पूर्ण उत्तराखण्ड
- 19 पश्चिम उत्तर प्रदेश
- 20 पूर्ण उत्तर प्रदेश
- 21 झुजात बोल्ड
- 22 लोकांग उपर काल्पनिक
- 23 बोकांग एवं गोवा
- 24 लोक लोकांग
- 25 नेत्राखण्ड
- 26 बिहार
- 27 झारखण्ड
- 28 नदीय उपर बोल्ड एवं बोल्ड
- 29 बोल्ड बोल्ड
- 30 लोकांग
- 31 लोकांग, लुड्डी एवं बोल्ड काल्पनिक
- 32 लोकांग काल्पनिक
- 33 आंदमान उत्तरी काल्पनिक
- 34 आंदमान दक्षिणी काल्पनिक
- 35 केरल एवं गांधी
- 36 लाक्ष्मीपूर्ण



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangaic West Bengal
7. Odisha
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chh & 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. Maharashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Maharashtra
26. Vidarbha
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



Heavy Rain



Strong Winds



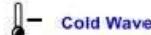
Frost



Heavy Snow



Visibility



Cold Wave



Thunderstorm



Cyclone



Heat Wave



Dust Storm



Squall/ Hail



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.

For lightning warning please visit Damini App.