



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

**Press Release  
Date: 19<sup>th</sup> September, 2020  
Time of Issue: 1545 hrs IST**

**Subject: Enhanced rainfall activity over Peninsular India, East and Northeast India during 19<sup>th</sup>-23<sup>rd</sup> September, 2020**

**A) Weather Systems:**

- A Low Pressure Area is very likely over Northeast Bay of Bengal by tomorrow, the 20<sup>th</sup> September, 2020. It is likely to become more marked over Northwest Bay of Bengal during subsequent 24 hours.
- Strengthening of lower level winds and its convergence along the west coast is also likely to continue during next 3-4 days.
- Convergence of strong moist winds in lower tropospheric levels from Bay of Bengal likely over northeast and adjoining parts of east India from 21<sup>st</sup> September onwards.

**B) Weather Forecast & Warnings:**

**(i)** Fairly widespread to widespread rainfall with isolated **heavy to very heavy falls** very likely over Kerala, Karnataka and Konkan & Goa during 19th-22nd September. **Isolated extremely heavy falls** also very likely over **Coastal Karnataka during 19th-21st**; over **north Kerala & Ghat sections of South Interior Karnataka on 19th & 20th**; over **south Konkan & Goa on 21st & 22nd September, 2020**.

**(ii)** Fairly widespread to widespread rainfall with Isolated **heavy to very heavy falls** likely over Andaman & Nicobar Islands on 19th & 20th; over Odisha, Coastal Andhra Pradesh & Yanam and Telangana during 19th-21st and over Gangetic West Bengal

during 20th-22nd September, 2020.

**(iii)** Fairly widespread to widespread rainfall with isolated **heavy to very heavy falls** also likely over Sub-Himalayan West Bengal & Northeastern state during 21st-23rd September. **Isolated extremely heavy falls also likely over Arunachal Pradesh and Assam & Meghalaya on 22nd and over Sub-Himalayan West Bengal & Sikkim on 22nd & 23rd September, 2020.**

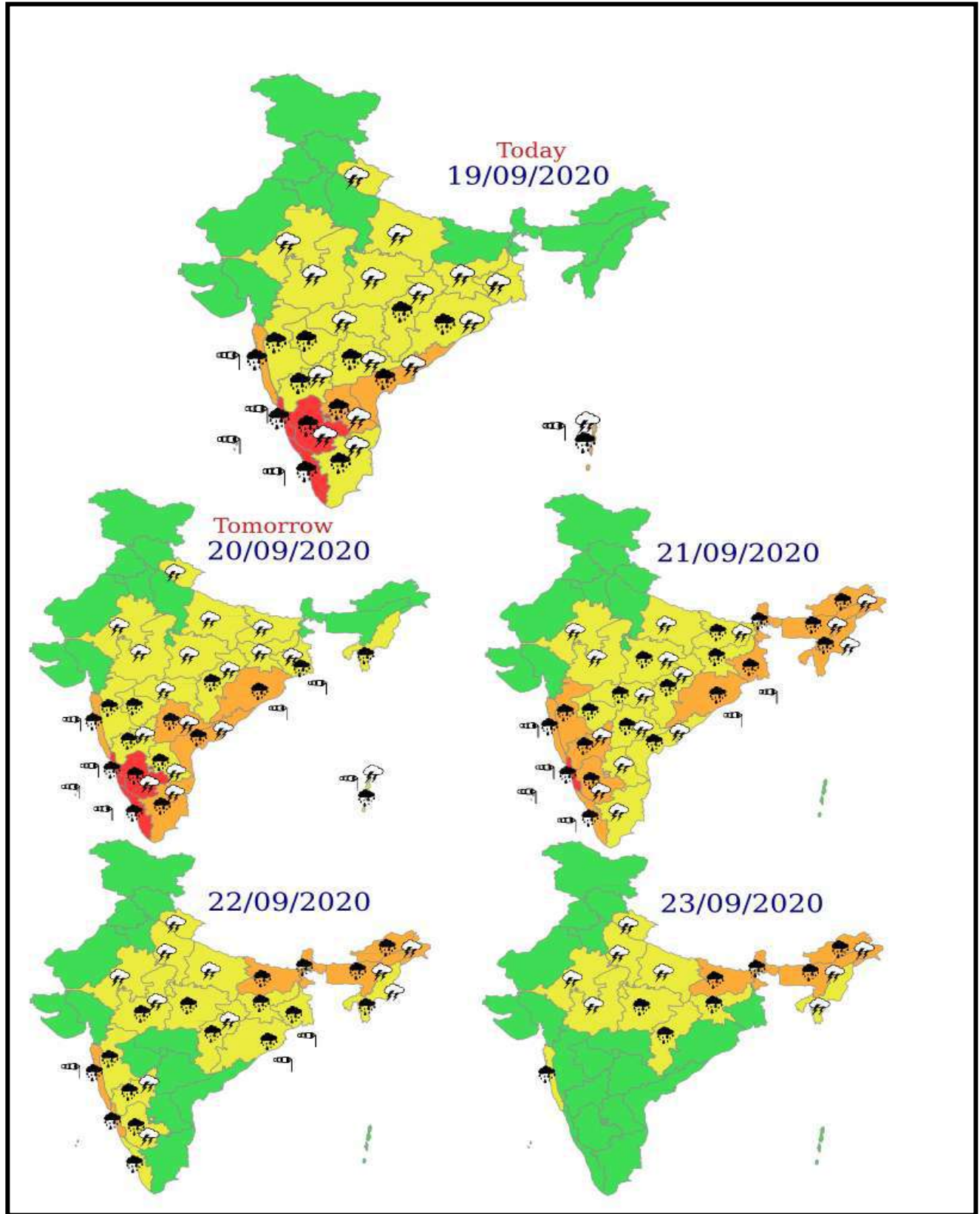
**C) Impact expected over Coastal Karnataka during 19th-21st; over north Kerala and Ghat sections of South Interior Karnataka and on 19th & 20th; over south Konkan & Goa on 21st & 22nd September, 2020 due to likely isolated extremely heavy falls:**

- 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 sate 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/>).

**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.

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





## LEGENDS

1. अंडमन और निकोबार द्वीप समूह
2. अरुणाचल प्रदेश
3. असम
4. बिहार
5. चंडीगढ़
6. उत्तर प्रदेश
7. हरियाणा
8. राजस्थान
9. गुजरात
10. मध्य प्रदेश
11. छत्तीसगढ़
12. झारखण्ड
13. पश्चिम बंगाल
14. असम
15. उत्तरांचल प्रदेश
16. उत्तर प्रदेश
17. हरियाणा
18. राजस्थान
19. गुजरात
20. मध्य प्रदेश
21. छत्तीसगढ़
22. झारखण्ड
23. पश्चिम बंगाल
24. असम
25. उत्तरांचल प्रदेश
26. उत्तर प्रदेश
27. हरियाणा
28. राजस्थान
29. गुजरात
30. मध्य प्रदेश
31. छत्तीसगढ़
32. झारखण्ड
33. पश्चिम बंगाल
34. असम
35. उत्तरांचल प्रदेश
36. उत्तर प्रदेश



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nepal, Mizoram, Manipal & 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. Himachal
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.