



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

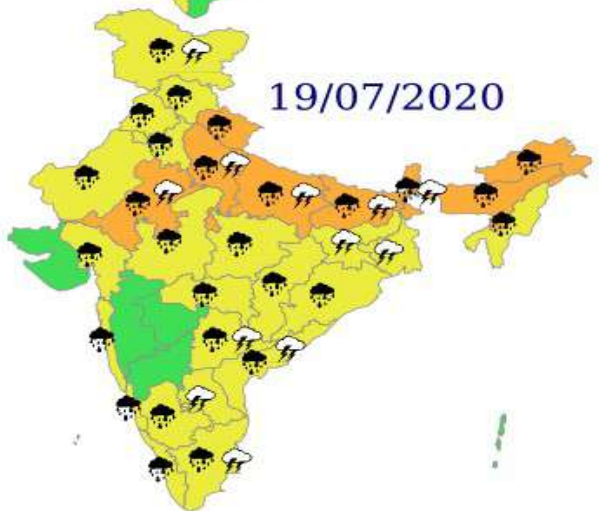
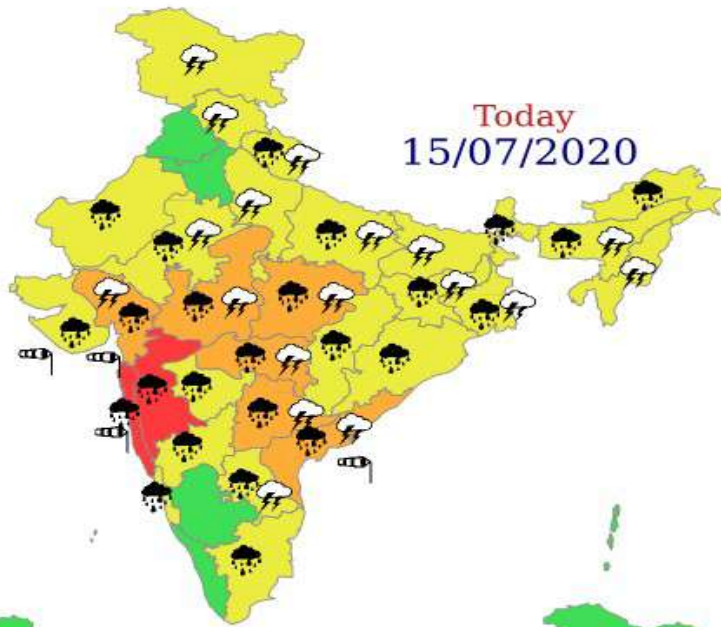
Press Release
Date: 15th July, 2020
Time of Issue: 1800 hrs IST

Subject: Intense rainfall spell over Gujarat State, Konkan & Goa and Madhya Maharashtra on 15th & 16th July, 2020

- A cyclonic circulation lies over north Konkan & neighbourhood at lower tropospheric levels.
- An east-west shear zone runs roughly along Latitude 18°N at mid tropospheric levels. In addition, there is high wind convergence along the West coast at lower tropospheric levels..
- Under the influence of above meteorological conditions,
 - a) Fairly widespread to widespread rainfall very likely over Konkan & Goa, Madhya Maharashtra and Gujarat State during next 5 days.
 - b) Heavy to very heavy falls at a few places very likely over Konkan & Goa and Madhya Maharashtra on today, the 15th and at isolated places on 16th July; isolated heavy to very heavy falls also very likely over Gujarat State during 15th to 17th. Isolated **extremely heavy falls (≥ 20 cm)** also very likely over Konkan & Goa and Madhya Maharashtra on today, the 15th July and over Gujarat State on 16th July and decrease in intensity thereafter.
- Detailed forecast & warnings for next 5 days are as follow:

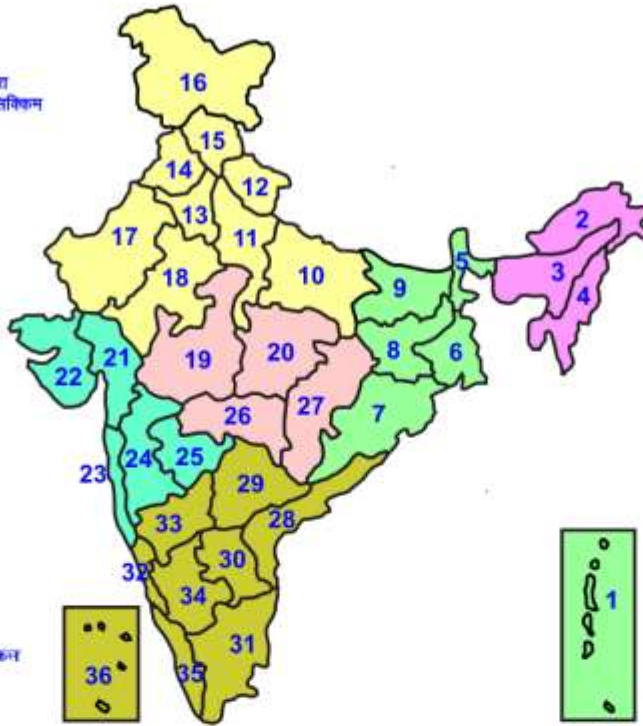
| Sub-Divisions | 15 July 2020* | 16 July 2020* | 17 July 2020* | 18 July 2020* | 19 July 2020* |
|-------------------------------|--|--|---|--|--|
| Gujarat Region | Rainfall at most places with heavy to very heavy rainfall at isolated places | Rainfall at most places with heavy to very rainfall with extremely heavy falls at isolated places. | Rainfall at most places with heavy to very 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 |
| Saurashtra & Kutch | Rainfall at most places with heavy rainfall at isolated places | Rainfall at most places with heavy to very rainfall with extremely heavy falls at isolated places. | Rainfall at most places with heavy to very heavy rainfall at isolated places | Rainfall at many places with heavy rainfall at isolated places | Rainfall at many places |
| Konkan & Goa | Rainfall at most places with heavy to very rainfall at a few places with extremely heavy falls at isolated places. | Rainfall at most places with heavy to very 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 | Rainfall at most places with heavy rainfall at isolated places |
| Madhya Maharashtra | Rainfall at most places with heavy to very rainfall at a few places with extremely heavy falls at isolated places. | Rainfall at most places with heavy to very heavy rainfall at isolated places | Rainfall at many places with heavy rainfall at isolated places | Rainfall at many places | Rainfall at many places with |

Note: * Rainfall till 0830 IST of next day.



LEGENDS

- 1 अंडमान और निकोबार द्वीप समूह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीज़ोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम बंगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडिगढ़ 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 क्षेत्र
- 22 सौराष्ट्र एवं कच्छ
- 23 कोंकण एवं गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठवाड़ा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं चन्नम
- 29 तेलंगाना
- 30 तमिलनाडु
- 31 तमिलनाडु, पुदुचेरी एवं कराईकल
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 35 केरल एवं माहे
- 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, Chd & 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. Konkan & Goa
24. Madhya Maharashtra
25. Marathwada
26. Vidharbha
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



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.imd.gov.in/pages/allindiawxfcbulletin.php>

For district level warning, kindly visit website of Meteorological Centres/Regional Meteorological Centres of IMD at state levels.