



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

Press Release
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Time of Issue: 1900 hrs IST

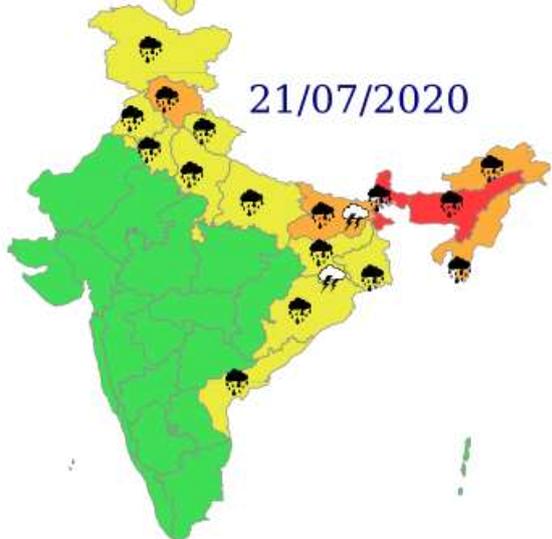
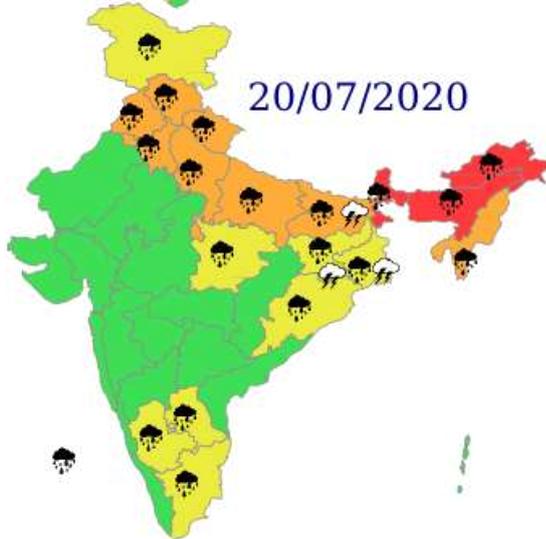
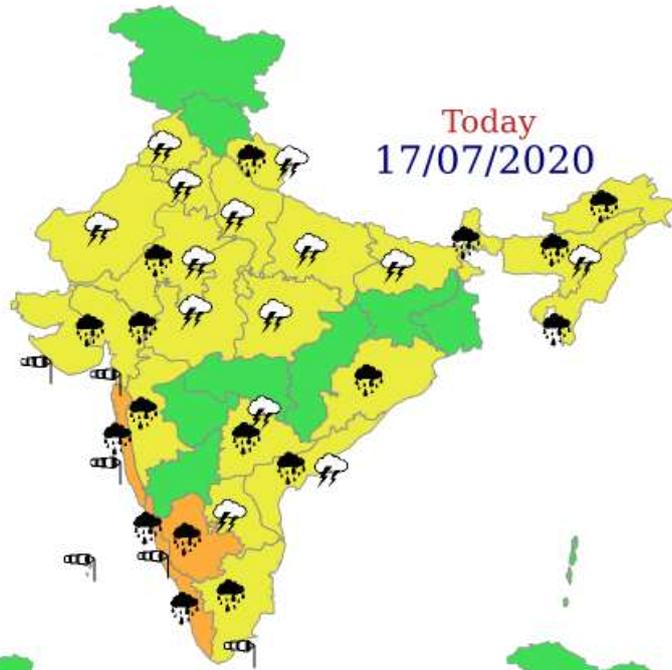
Subject: Intense rainfall spell over Northern and Northeastern parts of India during 18th-21st July, 2020.

- ◆ The monsoon trough lies to the south of its normal position, it is most likely to shift northwards gradually towards foothills of Himalayas from tomorrow, the 18th July onwards.
- ◆ In addition, convergence of moist southerly/southwesterly winds from Bay of Bengal over Northeast & adjoining East India and from Arabian Sea over northwest India at lower tropospheric levels very likely from tomorrow, the 18th July onwards.
- ◆ Due to above favourable meteorological conditions, **rainfall distribution & intensity is very likely to increase over the northern and northeastern parts of the country from 18th & 19th July respectively.** Fairly widespread to widespread rainfall with:
 - a) Isolated **heavy to very heavy falls** is very likely over Northwest India during 18th - 20th July, 2020 and over Northeast & adjoining East India during 18th -21st July.
 - b) Isolated **Extremely heavy falls** also very likely over Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya during 19th- 21st July and over Arunachal Pradesh during 19th-20th July.
- ◆ ***It may accentuate existing flood conditions and also lead to landslides in some areas of Northeastern states and Sub-Himalayan West Bengal & Sikkim.***
- Detailed forecast & warnings during 18th-21st July are as follows:

Sub-Divisions	18 July 2020*	19 July 2020*	20 July 2020*	21 July 2020*
Sub-Himalayan West Bengal & Sikkim	Rainfall at most places with heavy to very heavy falls at isolated places	Rainfall at most places with heavy to very rainfall at a few places & extremely heavy falls at isolated places	Rainfall at most places with heavy to very rainfall at a few places & extremely heavy falls at isolated places	Rainfall at most places with heavy to very rainfall & extremely heavy falls at isolated places
Arunachal Pradesh	Rainfall at most places with heavy to very falls at isolated places	Rainfall at most places with heavy to very rainfall & extremely heavy falls at isolated	Rainfall at most places with heavy to very rainfall & extremely	Rainfall at most places with heavy to very heavy falls at isolated places

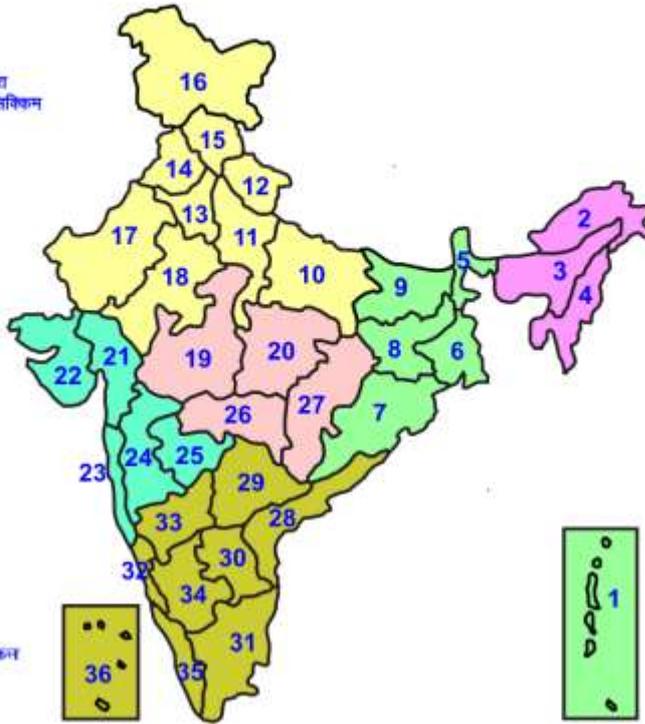
		places	heavy falls at isolated places	
Assam & Meghalaya	Rainfall at most places with heavy to very heavy falls at isolated places	Rainfall at most places with heavy to very rainfall & extremely heavy falls at isolated places	Rainfall at most places with heavy to very rainfall & extremely heavy falls at isolated places	Rainfall at most places with heavy to very rainfall & extremely heavy falls at isolated places
Nagaland, Manipur, Mizoram & Tripura	Rainfall at most places with heavy falls at isolated places	Rainfall at most places with 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
Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad	Rainfall at isolated places	Rainfall at a few places	Rainfall at many places with heavy to very heavy falls at isolated places	Rainfall at many places with heavy falls at isolated places
Himachal Pradesh	Rainfall at many places with heavy falls at isolated places	Rainfall at many places with 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
Uttarakhand	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 to very heavy falls at isolated places	Rainfall at most places with heavy falls at isolated places
Punjab	Rainfall at a few places	Rainfall at a 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 falls at isolated places
Haryana, Chandigarh & Delhi	Rainfall at a few places with 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 falls at isolated places
West Uttar Pradesh	Rainfall at many 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 to very heavy falls at isolated places	Rainfall at most places with heavy falls at isolated places
East Uttar Pradesh	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 to very heavy falls at isolated places	Rainfall at most places with heavy falls at isolated places
Bihar	Rainfall at many places with 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 to very heavy falls at isolated places

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 मिजोरम 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 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 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 रायलसीमा
- 31 तमिलनाडु, पुदुचेरी एवं कराईकल
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक पश्चिमी 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.