



## Public Weather Bulletin

Tuesday, 11<sup>th</sup> March, 2020  
Time of Issue: 1400 hrs IST

### Realised Weather (from 0830 hours IST of yesterday to 0830 hours IST of today)

◆ **As predicted, Light to moderate Rain/Thundershowers observed:** at many places over East Madhya Pradesh, Chhattisgarh and Arunachal Pradesh; at a few places over Haryana, Chandigarh & Delhi, Rajasthan and at isolated places over Jammu & Kashmir, Ladakh, Gilgit-Baltistan, Himachal Pradesh, Uttarakhand, Saurashtra & Kutch, West Madhya Pradesh, Uttar Pradesh, Vidarbha, Chhattisgarh, Odisha, Assam & Meghalaya and Tamilnadu, Puducherry & Karaikal. **Rainfall recorded (1 cm or more):** Pendra Road-5, Anupur & Seoni-3; Churu, Ambikapur, Malanjkhanda, Chhindwara, Gondia and Mandla- 1 each.

### Weather System & Forecast

◆ The Western Disturbance as a cyclonic circulation lies over southeast Afghanistan & adjoining Pakistan in mid tropospheric levels with a trough aloft in upper tropospheric levels. An induced Low Pressure Area lies over southwest Rajasthan & neighbourhood. Moisture feeding from the Arabian Sea to northwest India at lower & mid-tropospheric levels has begun and is likely to continue during next 48 hours. Low level easterlies from Bay of Bengal are penetrating upto plains of northwest India and are likely to continue during next 48 hours. Under the influence of interaction between mid-level westerlies and lower level easterlies, following weather is expected:

1. Light to moderate **fairly widespread to widespread rainfall** is very likely over the Western Himalayan region & adjoining plains of northwest India during 11th-13th March and significant reduction thereafter.

2. **Isolated hailstorm activity** is very likely over entire Northwest India on 11<sup>th</sup> & 12<sup>th</sup> March. Thunderstorm accompanied with lightning & gusty wind (speed reaching 30-40 kmph or more) at isolated places is very likely over Western Himalayan region and plains of northwest India during 11th to 13th March with maximum intensity on 12th March.

3. Isolated heavy rainfall/snowfall is very likely over Jammu & Kashmir, Ladakh, Gilgit-Baltistan and Himachal Pradesh on 11th & 12th March. **Isolated heavy rainfall** is also very likely over Punjab and Haryana, Chandigarh & Delhi on 12th March.

◆ Under the influence of confluence between westerly winds associated with the Western Disturbance and moist low level easterly wind from Bay of Bengal over central & east India:

1. **Isolated hailstorm activity** is very likely over entire East India on 12<sup>th</sup> & 13<sup>th</sup> March. Moderate scattered rainfall with isolated thunderstorm, lightning/gusty wind (speed reaching 30-40 kmph) over Jharkhand, Gangetic West Bengal and Odisha during 12th-14th March with maximum intensity on 13th March. Isolated heavy rainfall is also likely over Odisha on 12<sup>th</sup> March.

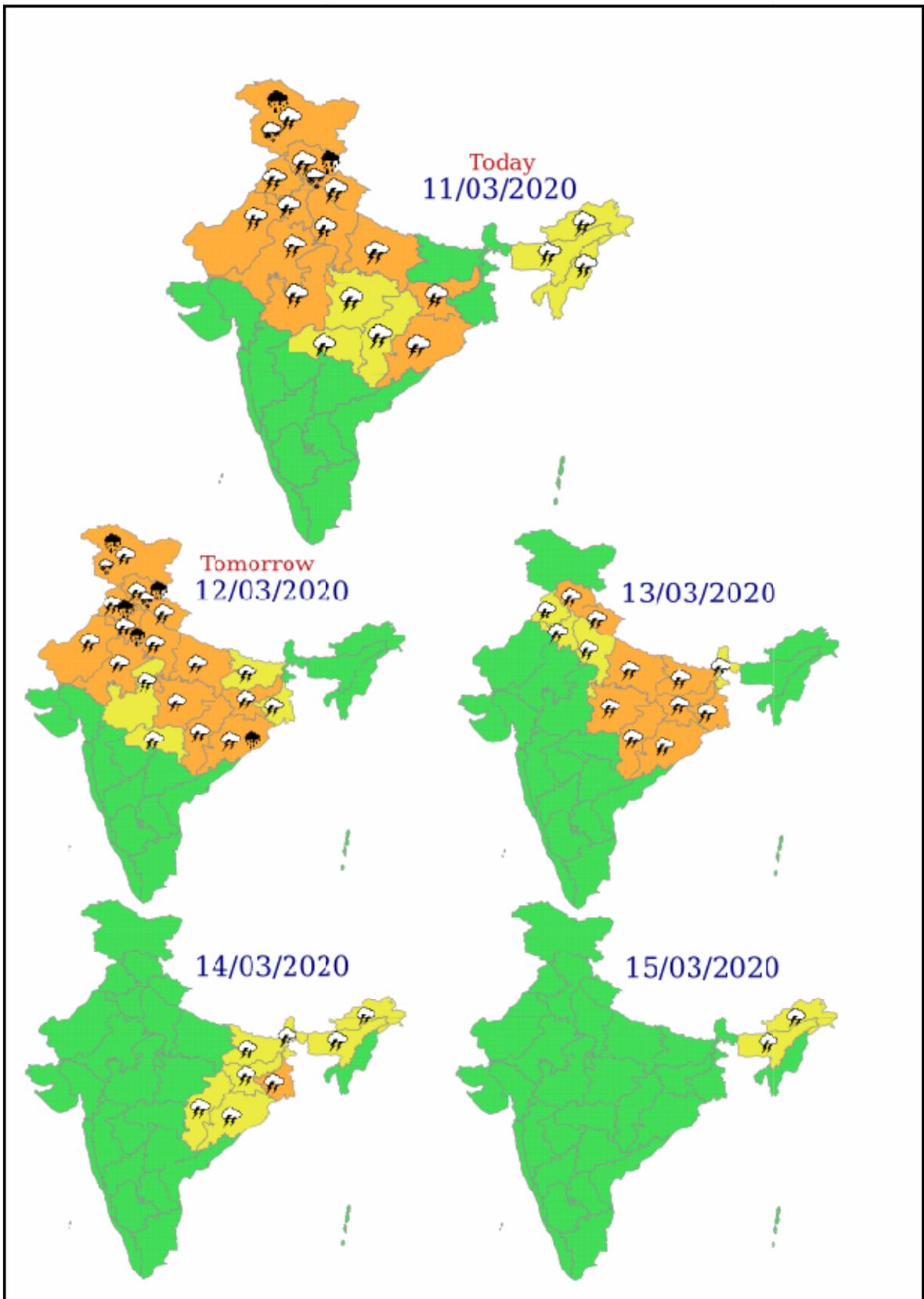
3. Moderate scattered rainfall with isolated thunderstorm, lightning/hail/gusty wind (speed reaching 30-40 kmph) very likely over Chhattisgarh, Madhya Pradesh during 11th-13th with maximum intensity on 12th March.

◆ **Strong surface wind** (speed reaching 25-35 kmph) very likely to prevail over plains of northwest India during next 48 hours.

**Legends: Given in last page.**

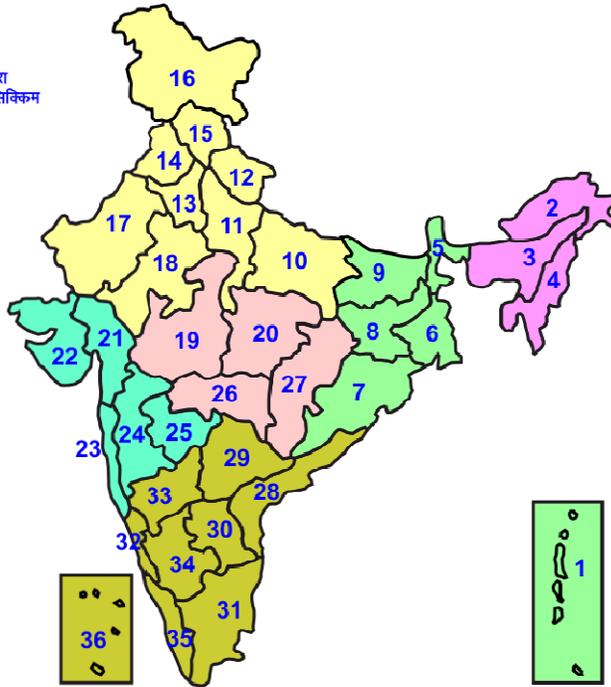
For more details kindly visit IMD website: <https://mausam.imd.gov.in/>

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



# LEGENDS

- 1 अंडमान और निकोबार द्वीप समुह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एंव सिक्किम
- 6 पश्चिम गंगेय बंगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडिगढ़ एंव दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू एंव कश्मीर
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात क्षेत्र
- 22 सौराष्ट्र एंव कच्छ
- 23 कोकण एंव गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठावाडा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटिय आंध्र प्रदेश
- 29 तेलंगाना
- 30 रायलसीमा
- 31 तमिलनाडू
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 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, Chd & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir
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
29. Telangana
30. Rayalaseema
31. Tamilnadu & Pondi
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala
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)
Dry (No station reported Rainfall)			

## WARNING

<b>WARNING (TAKE ACTION)</b>
<b>ALERT ( BE PREPARED)</b>
<b>WATCH (BE UPDATED)</b>
<b>NO WARNING ( NO ACTION)</b>

## 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