



Public Weather Bulletin

Thursday, 12th March, 2020
Time of Issue: 1530 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 most places over Jammu & Kashmir, Himachal Pradesh, Punjab and Haryana, Chandigarh & Delhi; at many places over Uttarakhand, Jharkhand, Gangetic West Bengal and Arunachal Pradesh; at a few places over Kerala & Mahe, East Uttar Pradesh and Chhattisgarh; at isolated places over West Uttar Pradesh, Rajasthan, Madhya Pradesh, Vidarbha, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Odisha, Telangana and Tamilnadu.
- ◆ **Rainfall recorded (2 cm or more):** Devprayag-9; Kothi-7; Udhampur-6; Batote, Banihal & Kochin, Kurukshetra-4 each; Baderwah, Katra, Jammu, Patiala, Dehradun, Tehri and Varanasi-3 each; Quazigund, Kalpa, Bhuntar, Shimla, Chandigarh, Amritsar & Malanjhand-2 each.
- ◆ **Heavy rainfall** occurred at isolated places over Uttarakhand.
- ◆ **Hailstorm observed** at isolated places over Uttarakhand and Haryana, Chandigarh & Delhi.

Weather System & Forecast

◆ The Western Disturbance intensified into a '**Western Depression**' over Central Pakistan & neighbourhood with its associated cyclonic circulation extending upto upper tropospheric levels. **Moisture feeding from the Arabian Sea to northwest India is likely to continue during next 36 hours. Low level easterlies from Bay of Bengal are penetrating upto plains of northwest India and are likely to continue during next 24 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 (Jammu & Kashmir, Himachal Pradesh and Uttarakhand) & adjoining plains of northwest India (Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh) during next 36 hours and significant reduction thereafter.
2. Thunderstorm accompanied with lightning, hailstorm & gusty winds (speed reaching 30-40 kmph or more) at isolated places is very likely over Western Himalayan region and plains of northwest India during the same period.
3. **Isolated heavy rainfall/snowfall** is very likely over Jammu & Kashmir, Ladakh, Gilgit-Baltistan, Himachal Pradesh & Uttarakhand during next 24 hours. **Isolated heavy rainfall** is also very likely over Punjab and Haryana, Chandigarh & Delhi during the same period.

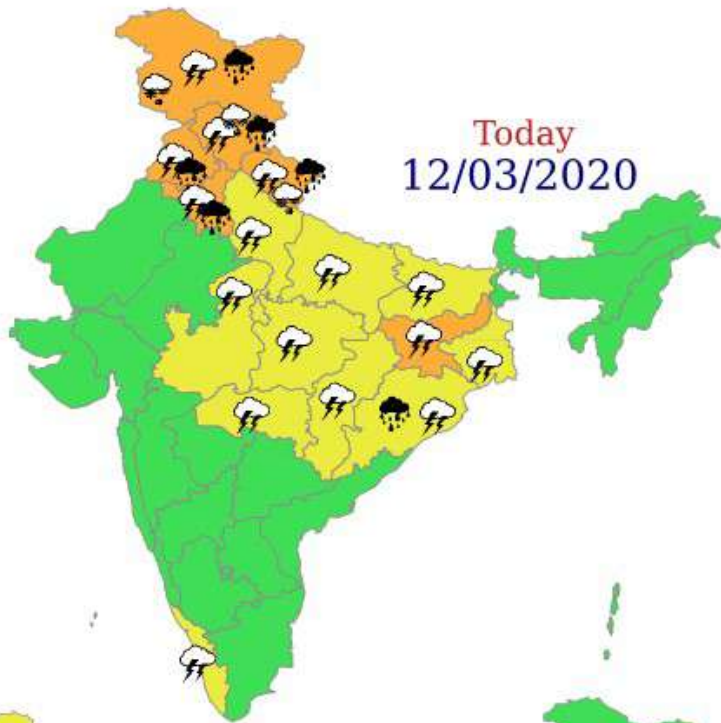
◆ **Due to confluence between westerly winds associated with the Western Disturbance and moist low level easterly wind from Bay of Bengal over central & east India:**

1. Moderate scattered to fairly widespread rainfall with isolated thunderstorm, lightning/hail/gusty wind (speed reaching 45-55 kmph) over Jharkhand, Gangetic West Bengal and Odisha during 12th-15th March, over Bihar during 13th-14th March with maximum intensity on 13th March. **Isolated heavy falls** are also likely over north Odisha today and over Jharkhand on 13th March.
 2. Moderate scattered rainfall with isolated thunderstorm, lightning/hail/gusty wind (speed reaching 40-50 kmph) very likely over north Chhattisgarh and East Madhya Pradesh during 12th & 13th with maximum intensity on 13th March.
- ◆ **Strong surface wind** (speed reaching 25-35 kmph) very likely to prevail over plains of northwest India during next 24 hours.

Legends: Given in last page.

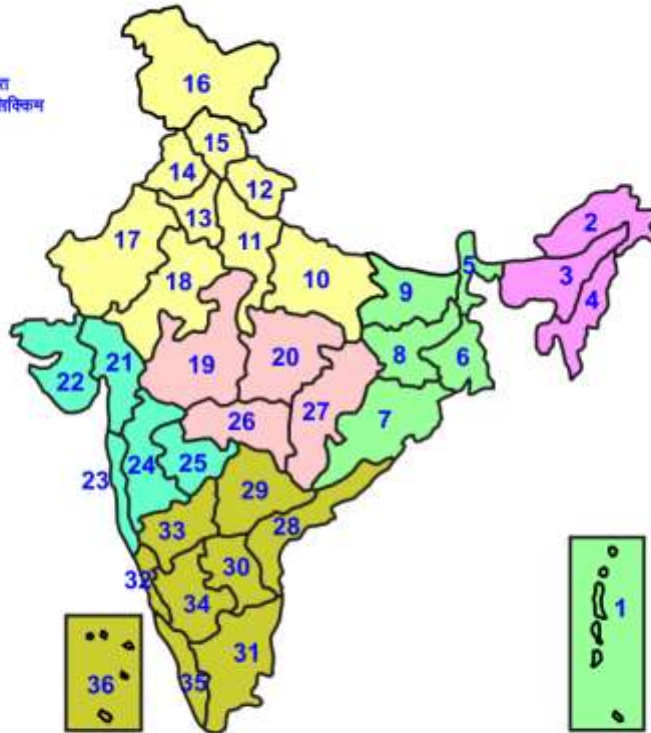
For more details kindly visit IMD website: <https://mausam.imd.gov.in/>

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



LEGENDS

- 1 अंडमान और निकोबार द्वीप समूह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड, मणिपुर, मिजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एंवम् सिक्किम
- 6 पश्चिम बंगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा, चंडीगढ़ एंवम् दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू एंवम् कश्मीर
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात क्षेत्र
- 22 सौराष्ट्र एंवम् कच्छ
- 23 कोंकण एंवम् गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठवाड़ा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटिय आंध्र प्रदेश
- 29 तेलंगाना
- 30 रायलसीमा
- 31 तमिलनाडु
- 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. Marathawada
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

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