



Public Weather Bulletin

Thursday, 29th February, 2020
Time of Issue: 1320 IST

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

1. **As predicted, Light to Moderate Rain/Thundershowers observed:** at most places over Jammu, Kashmir, Ladakh, Gilgit, Baltistan, Muzaffarabad, Himachal Pradesh; at a few places over Punjab; at isolated places over northwest Rajasthan, Coastal Andhra Pradesh, Tamilnadu, South Interior Karnataka and Kerala. **Chief amount of rainfall (2 cm or more):** Alapuzha-5; Kupwara-4; Katra & Batote-3 each, Jammu & Amritsar-2 each.
2. **Thunderstorm observed:** at many places over Jammu, Kashmir, Ladakh; at isolated places over Himachal Pradesh, Punjab and Chandigarh. Isolated hailstorm observed over Jammu & Kashmir.
3. Strong surface wind speed reaching 20-30 kmph and occasionally gusting upto 50- 60 kmph reported at a few place over Punjab and gusting upto 30-40 kmph reported at isolated places over Haryana and Chandigarh.
4. Strong surface wind speed reaching 10-20 kmph prevailing over Delhi.

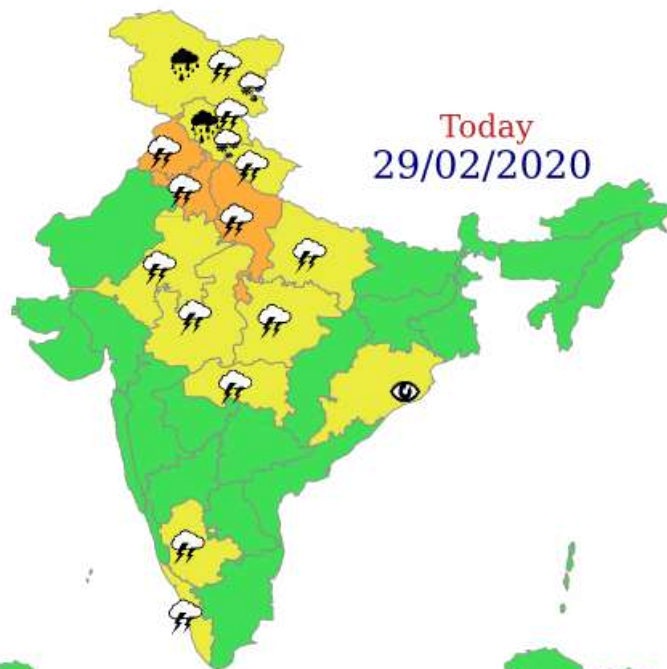
Weather System & Forecast

1. Yesterday's Western Disturbance as a cyclonic circulation over northwest Afghanistan now lies over East Afganistan in middle tropospheric levels. Yesterday's induced cyclonic circulation over central Pakistan now lies over northwest Rajasthan in lower levels and a trough runs from this induced cyclonic circulation to northeast Rajasthan in lower levels.
2. Under its influence:
 - a. Moderate widespread rain/snowfall with isolated **thunderstorm, hailstorm, lightning and heavy falls** at isolated places on 29th February, 2020 and moderate scattered rainfall/snowfall on 1st March very likely over Western Himalayan region (Jammu, Kashmir, Ladakh, Gilgit, Baltistan, Muzaffarabad, Himachal Pradesh and Uttarakhand).
 - b. Moderate Fairly widespread to widespread rainfall with isolated **thunderstorm, hailstorm, lightning and gusty wind (speed reaching 40-50 kmph)** at a few places on 29th Feb. and isolated rainfall on 1st March very likely over Punjab, Haryana, Chandigarh & Delhi.
 - c. Isolated light to moderate rainfall very likely over Uttar Pradesh and Rajasthan on 29th Feb. & 1st March. Isolated **thunderstorm, lightning & hail and gusty wind (speed reaching 30-40 kmph)** very likely over West Uttar Pradesh and isolated thunderstorm & lightning over northeast Rajasthan and East Uttar Pradesh on 29th February 2020.
3. A fresh Western Disturbance is very likely to affect Western Himalayan Region from the night of 3rd March and plains of northwest India from 4th March. It is very likely to cause moderate fairly widespread to widespread rainfall/snowfall with isolated thunderstorm & lightning over western Himalayan region and over Punjab, Haryana, Chandigarh, Delhi & Uttar Pradesh during 5th to 7th March, 2020.
4. Due to confluence westerly winds associated with Western Disturbance and moist low level easterly winds:
 - a. Light to moderate scattered to fairly widespread rainfall very likely over northeastern states and light to moderate isolated to scattered rainfall very likely over Odisha, West Bengal, Sikkim, Bihar and Jharkhand during 1st to 4th March, 2020.
 - b. Isolated thunderstorm accompanied with lightning very likely over Odisha, West Bengal, Sikkim, Bihar, Jharkhand, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 2nd to 4th March, 2020.
5. Due to convergence in easterlies, light rain at isolated places with isolated thunderstorm & lightning likely over south interior Karnataka and Kerala during next 3 days.

Legends: Given in last page.

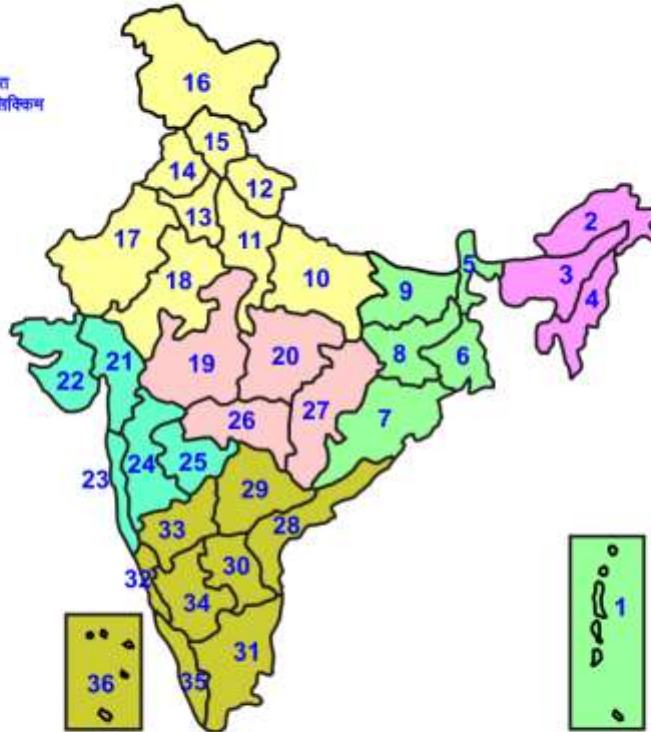
For more details kindly visit IMD website: <https://mausam.imd.gov.in/>

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 मनीपुर मिजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एंवम् सिक्किम
- 6 पश्चिम बांगेय बंगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडिगढ़ 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 लखाद्वीप



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