

Moderate to intense wet spell with fairly widespread to widespread precipitation accompanied with thunderstorm, lightning and hailstorm at isolated over northwest India till night of 5th January with peak activities on 3rd and 4th over the Plains

And on 4th and 5th Jan 2021 over western Himalayan region

Fresh northerly-northwesterly winds likely to set in over Plains of northwest India causing cold wave to sever cold wave conditions at isolated places over Punjab, Haryana and north Rajasthan from 7th January 2021 onwards

Posted On: 03 JAN 2021 5:27PM by PIB Delhi

According to the National Weather Forecasting Centre of the India Meteorological Department (IMD):

◆ An active Western Disturbance lies as a middle and upper level cyclonic circulation over Central Pakistan & neighbourhood with its induced cyclonic circulation over southwest Rajasthan & neighbourhood at lower levels.

A north-south zone of wind confluence also observed today from North Punjab to Northeast Arabian Sea, with strong interaction between south westerly in association with the above Western Disturbance and lower level moist southeasterlies.

◆ All these favorable meteorological features likely to persist till 05th January, 2021 and continue to cause **moderate to intense wet spell** with fairly widespread to widespread precipitation **accompanied with thunderstorm, lightning and hailstorm** at isolated over northwest India till night of 5th January with peak activities on 3rd and 4th over the Plains (Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh and north Rajasthan) and on 4th and 5th Jan 2021 over western Himalayan region(Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh and Uttarakhand).

◆ After cessation of wet spell, fresh northerly-northwesterly winds likely to set in over Plains of northwest India causing **cold wave to sever cold wave conditions** at isolated places over Punjab, Haryana and north Rajasthan from 7th January 2021 onwards.

Weather Warning during next 5 days *

03 January (Day 1):

- ◆ Heavy rainfall very likely at isolated places over Punjab, West Uttar Pradesh and Haryana, Chandigarh & Delhi.
- ◆ Thunderstorm accompanied with lightning and hail at isolated places very likely over Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh, Rajasthan and West Madhya Pradesh; with lightning over Jammu & Kashmir, Ladakh, Gilgit-Baltistan, Muzaffarabad and Himachal Pradesh.
- ◆ Cold Wave conditions very likely in isolated pockets over Saurashtra & Kutch.
- ◆ Cold Day Conditions very likely in isolated pockets over Punjab and Haryana, Chandigarh & Delhi.
- ◆ Dense fog very likely at isolated places over West Rajasthan and Odisha.

04 January (Day 2):

- ◆ Heavy rain/Snow very likely at isolated places over Jammu & Kashmir, Ladakh, Gilgit-Baltistan, Muzaffarabad and Himachal Pradesh.
- ◆ Heavy rainfall very likely at isolated places over Punjab and Haryana & Chandigarh.
- ◆ Thunderstorm accompanied with lightning and hail at isolated places very likely over Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh, Rajasthan and West Madhya Pradesh; with lightning over Jammu & Kashmir, Ladakh, Gilgit-Baltistan, Muzaffarabad, Kerala & Mahe and Lakshadweep.
- ◆ Cold Wave conditions very likely in isolated pockets over Saurashtra & Kutch.
- ◆ Cold Day Conditions very likely in isolated pockets over Punjab and Haryana, Chandigarh & Delhi.
- ◆ Dense fog very likely at isolated places over West Rajasthan and Odisha.

05 January (Day 3):

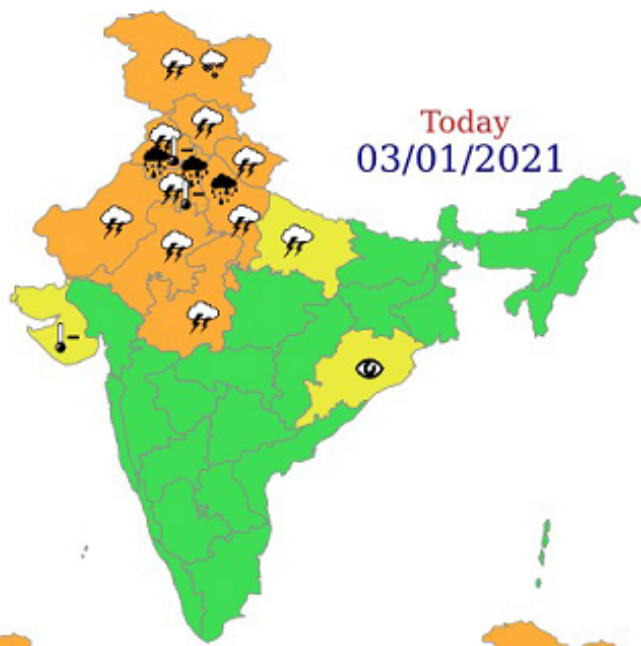
- ◆ Heavy rain/Snow very likely at isolated places over Jammu & Kashmir, Ladakh, Gilgit-Baltistan, Muzaffarabad, Uttarakhand and Himachal Pradesh.
- ◆ Heavy rainfall very likely at isolated places over Tamilnadu, Puducherry & Karaikal.
- ◆ Thunderstorm accompanied with lightning and hail at isolated places very likely over Jammu & Kashmir, Ladakh, Gilgit-Baltistan, Muzaffarabad, Himachal Pradesh, Uttarakhand and West Uttar Pradesh; with lightning over Tamilnadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep.
- ◆ Cold Wave conditions very likely in isolated pockets over Saurashtra & Kutch.
- ◆ Dense fog very likely at isolated places over West Rajasthan and Odisha.

06 January (Day 4):

- ◆ Dense Fog likely in isolated pockets over Punjab and Haryana, Chandigarh & Delhi, West Uttar Pradesh and Rajasthan.
- ◆ Heavy rainfall likely at isolated places over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.
- ◆ Thunderstorm accompanied with lightning at isolated places over Coastal & South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep.
- ◆ Cold Wave to severe cold wave conditions likely in isolated pockets over Saurashtra & Kutch; Cold Wave conditions likely over Punjab, Haryana and Rajasthan.

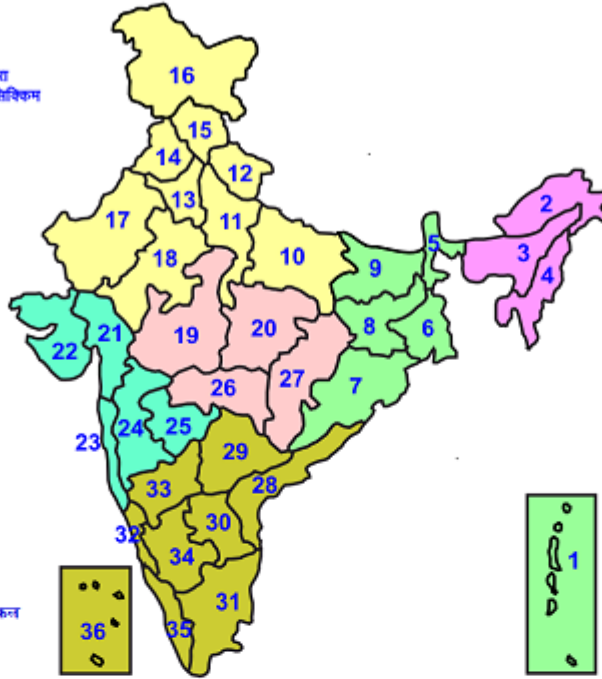
07 January (Day 5):

- ◆ Dense Fog likely in isolated pockets over Punjab and Haryana, Chandigarh & Delhi, Uttar Pradesh and Rajasthan.
- ◆ Thunderstorm accompanied with lightning at isolated places over Coastal & South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal, and Kerala & Mahe.
- ◆ Cold Wave to severe cold wave conditions likely in isolated pockets over Saurashtra & Kutch; Cold Wave conditions likely over Punjab, Haryana and Rajasthan.



LEGENDS

- 1 अंडमान और निकोबार द्वीप समूह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम गंगेय बंगाल
- 7 ओडिशा
- 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 कोकण एवं गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठवाड़ा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 नटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 रायलसीमा
- 31 तमिलनाडु, पुदुचेरी एवं कराईकल
- 32 पट्टिक 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



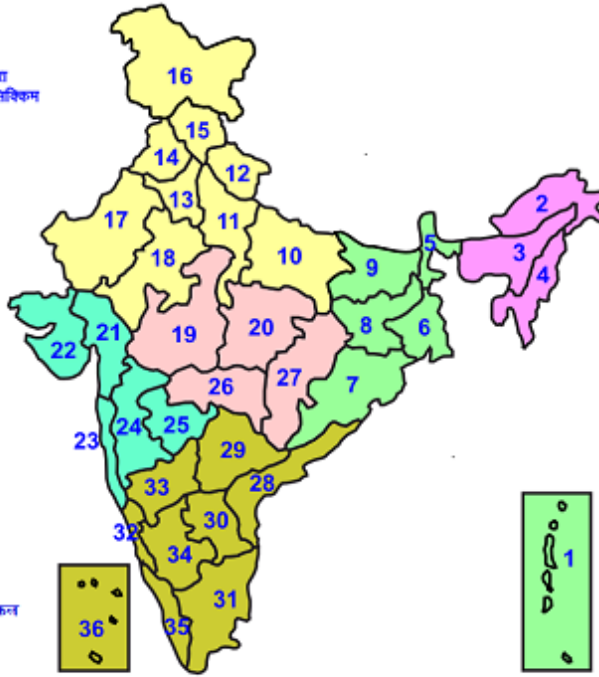
Heat Wave



Sea State

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Frost	Cold Wave	Heat Wave	Sea State

For details, please [CLICK HERE](#).

Kindly download MAUSAM APP for location specific forecast & warning, MEGHDOOT APP for Agromet advisory and DAMINI APP for Lightning Warning.

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