



## All India impact Based Weather Warning Bulletin

Monday 17 January 2022  
Time of Issue: 2000 hours IST

(Night)

**17 January (Day 1):** ♦ **Cold day to severe cold day conditions** in some parts over pockets very likely over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Rajasthan, West Madhya Pradesh; **Cold day condition** in some parts over East Madhya Pradesh and in isolated pockets over Uttarakhand and Bihar.

♦ **Dense to Very Dense Fog** in some parts very likely over East Uttar Pradesh, West Madhya Pradesh; in isolated pockets over Rajasthan and dense fog in isolated pockets over East Madhya Pradesh, Bihar, Odisha, West Bengal, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

♦ **Heavy rainfall** at isolated places very likely over north coastal Tamilnadu and south coastal Andhra Pradesh.

♦ **Thunderstorm accompanied with lightning** at isolated places very likely over south Coastal Andhra Pradesh and north coastal Tamilnadu.

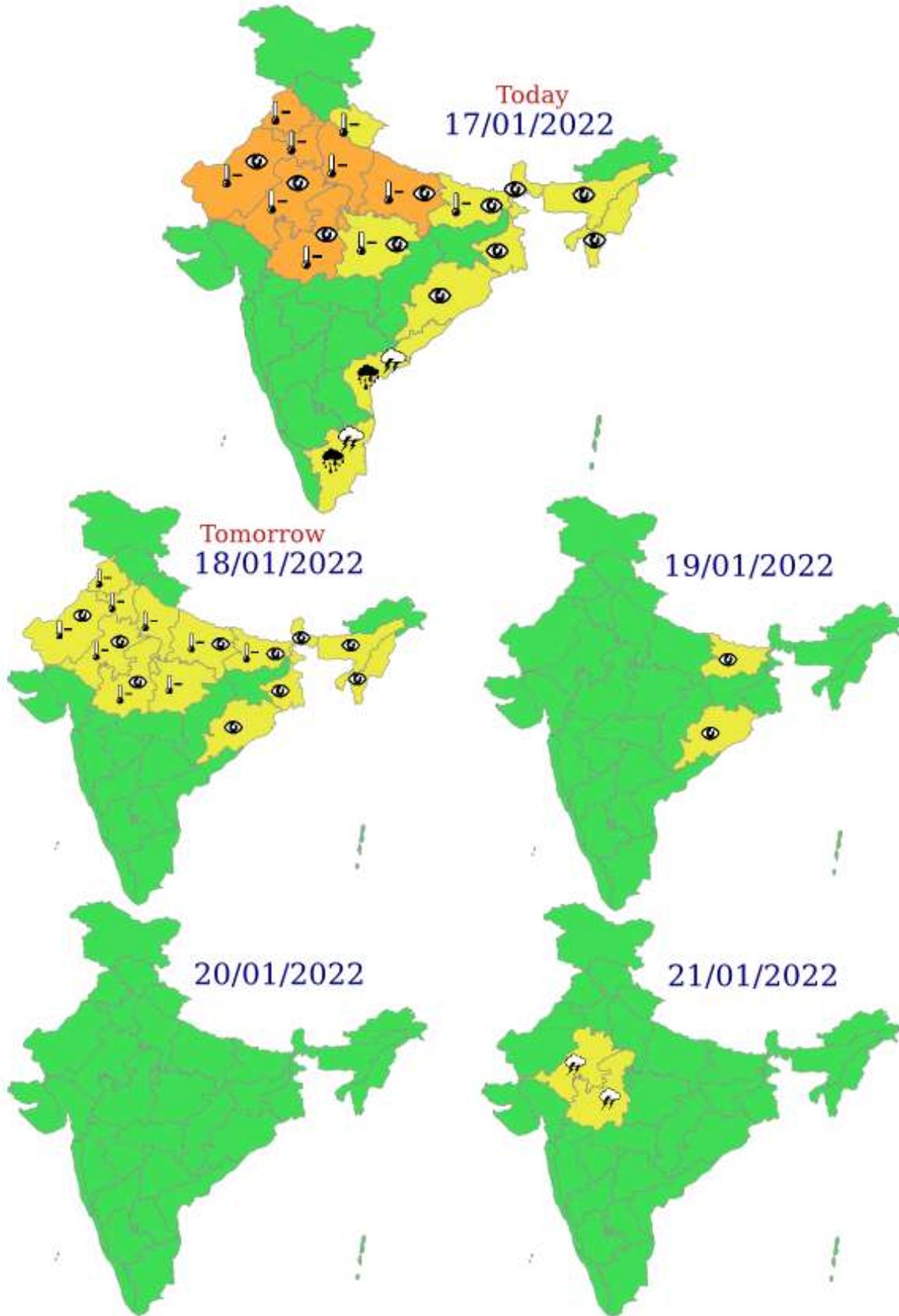
**18 January (Day 2):** ♦ **Cold day conditions** in some parts very likely over West Madhya Pradesh and in isolated pockets over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Rajasthan, Bihar and East Madhya Pradesh.

♦ **Dense Fog** in isolated pockets very likely over East Uttar Pradesh, Rajasthan, West Madhya Pradesh, Bihar, Odisha, West Bengal, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

**19 January (Day 3):** ♦ **Dense Fog** in isolated pockets very likely over Bihar and Odisha.

**20 January (Day 4):** ♦ No Weather Warning.

**21 January (Day 5):** ♦ **Thunderstorm accompanied with lightning & hail** at isolated places likely over East Rajasthan and West Madhya Pradesh.





- ✓ **Impact expected and action suggested due to Dense/Very Dense fog in the night/morning hours very likely over Rajasthan, East Uttar Pradesh, West Madhya Pradesh, Bihar, Odisha and West Bengal during next 2 days.**

### Impact expected:

#### ➤ **Transport and Aviation:**

- May affect some airports, highways and railway routes in the areas of met- sub-division.
- Difficult driving conditions with slower journey times.
- Some road traffic collisions

#### ➤ **Power Sector:**

- Chances of Tripping of Power lines in the very dense fog routes

#### ➤ **Human Health:**

- Lung related health impacts: Dense fog contains particulate matter and other pollutants and in case exposed it gets lodged in the lungs, clogging them and decreasing their functional capacity which increases episodes of wheezing, coughing and shortness of breath
- Impact on people having asthma bronchitis: Long time exposure to dense fog may cause respiratory problem for people having asthma bronchitis and other lung related health problems.
- Causes Eye Irritation: Dense fog contains pollutions of various types and these Pollutants in the air if exposed may tend to irritate the membranes of the eye causing various infections leading to redness or swelling of the eye.

### Action suggested:

#### ➤ **Transport and Aviation:**

- Careful while driving or outing through any transport.
- Use fog lights during driving.
- Be in touch with airlines and Railway and State transport for schedule of your journey.

#### ➤ **Power Sector:**

- To keep ready Maintenance Team

- **Human Health:** To avoid outing until unless emergency and to cover the face.



- ✓ **Impact expected and action suggested due to Cold Day/Severe Cold Day conditions in** some/isolated parts over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Madhya Pradesh and Rajasthan during next 2 days.

### **Impact expected:**

- An increased likelihood of various illnesses like flu, running/ stuffy nose or nosebleed, which usually set in or get aggravated due to prolonged exposure to cold.
- Do not ignore shivering. It is the first sign that the body is losing heat. Get Indoors.
- Frostbite can occur due to prolonged exposure to cold. The skin turns pale, hard and numb and eventually black blisters appear on exposed body parts such as fingers, toes, nose and or earlobes. Severe frostbite needs immediate medical attention and treatment.
- Impact on agriculture, crop, livestock, water supply, transport and power sector at some places.

### **Action suggested:**

- Wear several layers of loose fitting, light weight; warm woolen clothing.
- Cover your head, neck, hands and toes adequately as majority of heat loss occurs through these body parts. Wear several layers of loose fitting, light weight; warm woolen clothing rather than one layer of heavy cloth.
- Eat vitamin-C rich fruits & vegetable and drink sufficient fluids preferably warm fluids to maintain adequate immunity.
- Avoid or limit outdoor activities.
- Keep dry, if wet, change cloths immediately to prevent loss of body heat. Wear insulated/waterproof shoes.
- Warm the affected area of the body slowly with lukewarm water; do not rub the skin vigorously.
- If the affected skin area turns black, immediately consult a doctor.
- Maintain ventilation while using Heaters to avoid inhaling toxic fumes.
- Take safety measures while using electrical and gas heating devices.
- Extreme care needed for vulnerable people.
- Seek medical attention as soon as possible for someone suffering from frostbite/Hypothermia.
- Protect livestock from cold weather. (For details kindly refer NDMA guidelines: [https://ndma.gov.in/Resources/awareness/Cold\\_Wave](https://ndma.gov.in/Resources/awareness/Cold_Wave))



## 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, ऐंग्म, सिक्किम
- 6 पश्चिम बंगाल
- 7 ओडिशा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखण्ड
- 13 हरियाणा, चंडीदाह और दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू और कश्मीर
- 17 पश्चिम राजस्थान
- 18 उत्तर राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात
- 22 मध्य प्रदेश
- 23 कोकण, ऐंग्म गोवा
- 24 मध्य महाराष्ट्र
- 25 महाराष्ट्र
- 26 छत्तीसगढ़
- 27 छत्तीसगढ़
- 28 तेलंगाना
- 29 तेलंगाना
- 30 तेलंगाना
- 31 तेलंगाना
- 32 तेलंगाना
- 33 तेलंगाना
- 34 तेलंगाना
- 35 तेलंगाना
- 36 तेलंगाना

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. Konkani & Goa
24. Madhya Maharashtra
25. Maharashtra
26. Vidharbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamil Nadu, Puducherry & Karakal
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

Strong Winds

Frost

Heavy Snow

Visibility

Cold Wave

Thunderstorm

Cyclone

Heat Wave

Dust Storm

Squall/ Hail

Sea State

Kindly download **MAUSAM** APP for location specific forecast & warning, **MEGHDOOT** APP for Agromet advisory and **DAMINI** APP for Lightning Warning & visit state MC/RMC websites for district wise warning.