



Wednesday, January 31, 2024 Time of Issue:2000 hours IST (NIGHT)

All India Impact Based Weather Warning Bulletin

31 January (Day 1):

- ❖ Dense to very dense fog very likely in isolated pockets over Uttar Pradesh and Dense fog in isolated pockets over Madhya Pradesh, Bihar and Odisha.
- **Heavy Rainfall/snowfall** very likely at isolated places over Jammu-Kashmir and Himachal Pradesh.
- ❖ Thunderstorm accompanied with lightning, hailstorm & gusty winds (speed 30-40 kmph) very likely at isolated places over Punjab and Haryana-Chandigarh-Delhi; with lightning & hailstorm very likely at isolated places over Uttarakhand, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh and with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, West Uttar Pradesh, Rajasthan, east Assam, Nagaland and Manipur.

01 February (Day 2):

- ❖ Dense to very dense fog very likely in some parts over Punjab, Haryana-Chandigarh-Delhi; in isolated pockets over Uttar Pradesh and Dense fog in isolated pockets over Odisha.
- **Heavy Rainfall/snowfall** very likely at isolated places over Jammu-Kashmir, Himachal Pradesh and Uttarakhand.
- ❖ Thunderstorm accompanied with lightning & hailstorm very likely at isolated places over Uttarakhand and Arunachal Pradesh; with lightning & gusty winds (speed 30-40 kmph) at isolated places over Punjab, Haryana-Chandigarh-Delhi and with lightning at isolated places over Himachal Pradesh, West Uttar Pradesh, Gangetic West Bengal, east Assam, Nagaland and Manipur.

02 February (Day 3):

- ❖ Dense to very dense fog very likely in isolated pockets over Punjab, Haryana-Chandigarh-Delhi and Uttar Pradesh.
- **Heavy Rainfall/snowfall** very likely at isolated places over Arunachal Pradesh.
- ❖ Thunderstorm accompanied with lightning & hailstorm very likely at isolated places over Sub-Himalayan West Bengal & Sikkim and with lightning at isolated places over Arunachal Pradesh, east Assam, Nagaland and Manipur.

03 February (Day 4):

❖ Thunderstorm accompanied with lightning likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab, Haryana-Chandigarh-Delhi and Rajasthan.

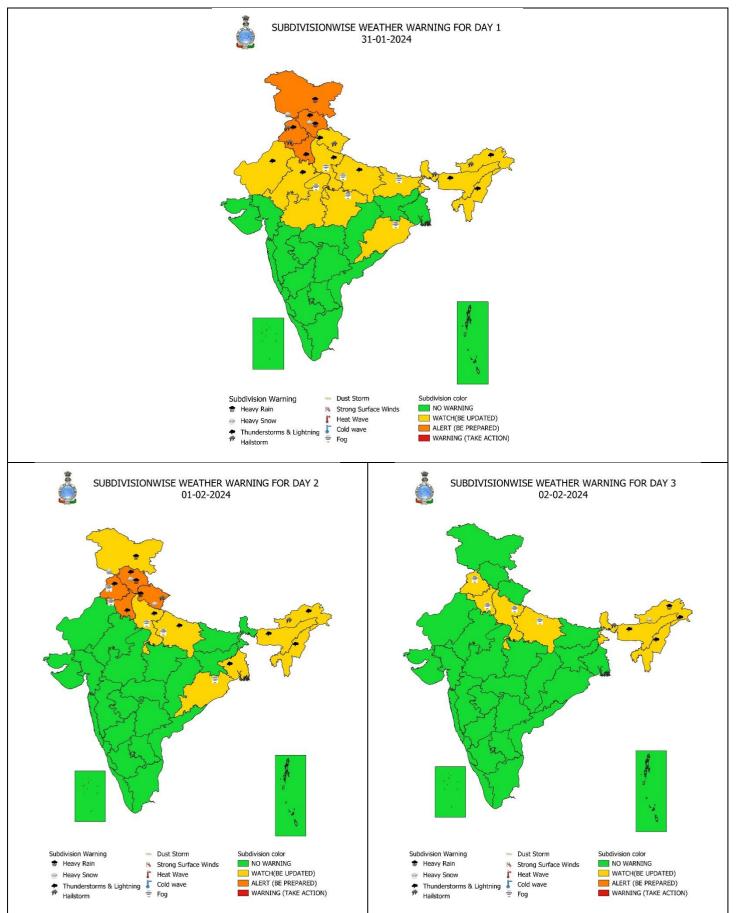
04 February (Day 5):

❖ No Warning.



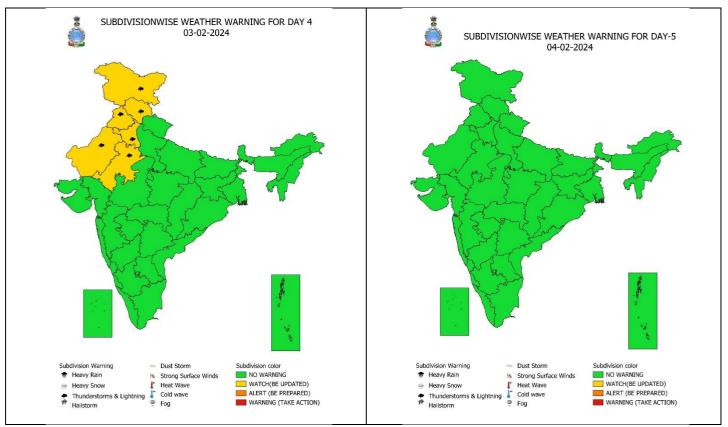


National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences





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Impact & Action Suggested due to heavy rainfall/snowfall over:

- 1. Jammu-Kashmir, Himachal Pradesh on 31st January & 01st February.
- 2. Uttarakhand on 01st February

A. Impacts Expected for Rain/Snow

- Disruption of Electricity.
- Landslide, rock fall and mudslides, Blocking/washout of roads/highways/bridges Nallahs.
- Disruption of traffic flow.
- Damage to Kuccha and unsecured structures.

B. Suggested Actions

- Avoid roadway underpasses, drainage ditches, low lying areas and areas where water collects they can unexpectedly flood or overflow.
- Stay away from power lines or electrical wires.
- Don't stay in kuchha houses during heavy rainfall as it may collapse anytime soon
- Drive carefully.



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Impact expected and action suggested due to thunderstorm with lightning/gusty winds & Hailstorm:

- ❖ 31st January: Uttarakhand, Punjab, Haryana, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh
- ❖ 01st February: Uttarakhand, Arunachal Pradesh
- ❖ 02nd February: Sub-Himalayan West Bengal & Sikkim

Impact expected:

- ❖ Strong wind/hail may damage plantation, horticulture and standing crops.
- ❖ Hail may injure people and cattle at open places.
- ❖ Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- ❖ Loose objects may fly.

Action suggested:

- ❖ Stay indoors, close windows & doors and avoid travel if possible.
- ❖ Take safe shelters; do not take shelter under trees.
- ❖ Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- ❖ Keep away from all the objects that conduct electricity.

Impact expected due to dense to very dense fog in the morning hours over Punjab, Haryana-Chandigarh-Delhi on 02nd February, 2024.

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.
- ❖ Unless taken precautionary measures, it may lead to 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.
- ❖ 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:

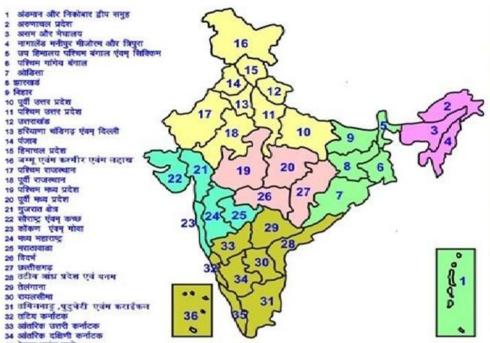
- ❖ Be careful while driving or outing through any transport.
- ❖ Use fog lights during driving.
- ❖ Be in touch with airlines, railways and state transport for schedule of your journey.

* Power Sector:

- ❖ To keep ready Maintenance Team
- ❖ Human Health: To avoid outing until unless emergency and to cover the face.



LEGENDS



- 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. Odisha

- 7, Odisha
 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 Rajsthan
 18. East Rajsthan

- 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 & 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 Widespred (FWS/ Many Places)	1-25	Isolated (ISOL)

WARNING

35 करन एवंग माहे 36 लक्क्षतीप

WARNING (TAKE ACTION)

ALERT (BE PREPARED)

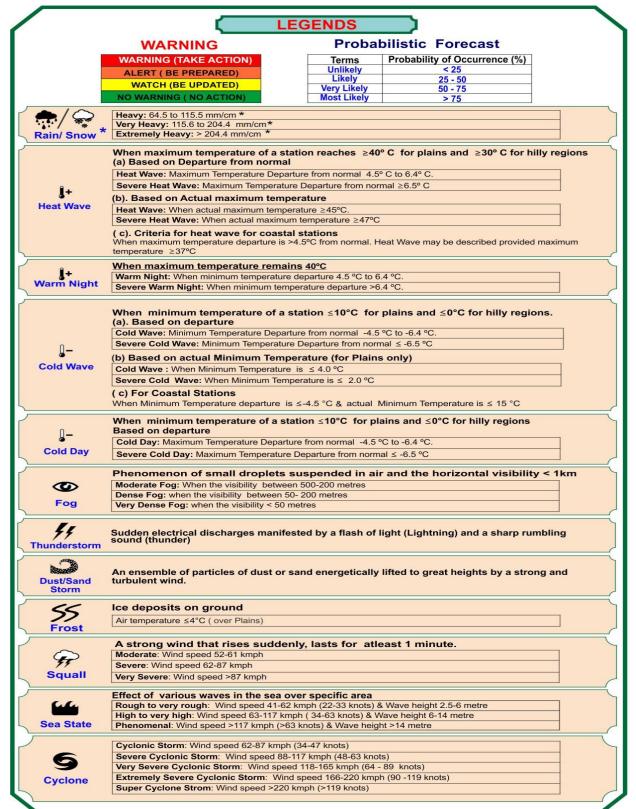
WATCH (BE UPDATED) NO WARNING (NO ACTION)

Probabilistic Forecast

Terms	Probability of Occurrence (%)	
Unlikely	< 25	
Likely	25 - 50	
Very Likely	50 - 75	
Most Likely	>75	



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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.