



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 25th January 2026

Time of Issue: 1345 hours IST

Subject: (i) An intense Western Disturbance likely to cause light/moderate rainfall at many places over Western Himalayan region during 26th- 28th and with isolated heavy rainfall/snowfall and hail storm on 27th January, 2026.

(ii) Scattered to fairly widespread light/moderate rainfall lightning & gusty winds speed reaching 40-60 kmph gusting to 70 kmph and hail over adjoining plains of northwest India and Madhya Pradesh on 27th & 28th January, 2026.

(iii) Another fresh Western disturbance likely to affect northwest India from the night of 30th January, 2026.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 25th January, 2026:

- ❖ **Dense fog (visibility 50-199 m)** conditions prevailed in isolated pockets of West Uttar Pradesh, Madhya Pradesh and Meghalaya.
- ❖ **Visibility reported (in meters ≤ 200 m):** West Uttar Pradesh: AMS Kushinagar 50m; West Madhya Pradesh: Bhopal; East Madhya Pradesh: Jabalpur; Meghalaya: Barapani 50m.
- ❖ **Cold wave to severe cold wave conditions** prevailed in some parts of Rajasthan and **cold wave conditions** in isolated pockets of Himachal Pradesh and Haryana.
- ❖ **Cold day conditions** prevailed in isolated pockets of Himachal Pradesh and Haryana.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds** with speed **30-60 kmph** over Himachal Pradesh, Arunachal Pradesh, Andaman & Nicobar Islands.
- ❖ **Light snowfall** occurred at isolated places over Himachal Pradesh (Jot 7.0cm).

Temperature Conditions during past 24 hours till 0830 hours IST of today:

- ❖ **Minimum temperatures** were **1-4°C** at isolated places over Himachal Pradesh, Uttarakhand, Haryana, Chandigarh & Rajasthan; **5°-9°C** at many places over Delhi, East Uttar Pradesh; at isolated places over Punjab, north Madhya Pradesh, Saurashtra & Kutch, Sikkim and Meghalaya. It is 10°C and above for remaining parts of the country, except higher reaches of Western Himalayan region where it was less than 0°C.
- ❖ **Minimum Temperatures** were above normal by (2°C to 5°C) over Himachal Pradesh, Uttarakhand, East Uttar Pradesh, Madhya Pradesh, Bihar, Jharkhand, West Bengal, Arunachal Pradesh, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, Rayalaseema, South Interior Karnataka, Kerala & Mahe, Tamil Nadu and below normal by (-2°C to -4°C) over Haryana, Chandigarh & Delhi, Rajasthan, Saurashtra & Kutch, Odisha and near normal over rest parts of the country. ([refer to ANNEXURE IV](#))
- ❖ **Minimum Temperatures have shown rising tendency** by 1-4°C over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Punjab, Bihar, Jharkhand, West Bengal, Odisha, Gujarat State, Karnataka, Coastal Andhra Pradesh & Yanam, Rayalaseema, Kerala & Mahe; **falling tendency** by 1-4°C over Uttarakhand, Uttar Pradesh, Rajasthan, Madhya Pradesh, Madhya Maharashtra and Vidarbha.
- ❖ The **lowest minimum temperature** of -2.7°C was observed at Fatehpur (**Rajasthan**) over the plains of India.

Weather Systems, Forecast and Warnings (refer to ANNEXURE I & II):

- ❖ A **trough** in easterlies runs from Comorin area to north Kerala coast across southeast Arabian Sea in lower tropospheric levels.
- ❖ The **Western Disturbance** as a cyclonic circulation over Himachal and adjoining Punjab in lower tropospheric levels with a trough aloft in middle & upper tropospheric westerlies roughly along Long. 74°E to the north of Lat. 28°N.
- ❖ A **trough** runs from south Punjab to Kutch in lower tropospheric levels.
- ❖ An upper air **cyclonic circulation** lies over central Uttar Pradesh in lower tropospheric levels.

- ❖ Subtropical westerly **Jet Stream** with core winds of the order of 130 knots at 12.6 km above mean sea level prevails over Northeast India.
- ❖ A fresh **Western disturbance** is likely to affect northwest India from 26th January, 2026.
- ❖ Another fresh **Western disturbance** is likely to affect northwest India from the night of 30th January, 2026.

Under the influence of above system, the following weather is likely:

- ❖ A fresh wet spell with Fairly widespread to widespread rainfall/snowfall with **lightning & squally winds speed reaching 50-60 kmph gusting to 70 kmph** over Jammu-Kashmir-Ladakh, Himachal Pradesh on 26th & 27th and Uttarakhand on 27th & 28th January. **Isolated heavy rainfall/snowfall also likely over Jammu-Kashmir and Himachal Pradesh 27th January and Scattered to fairly widespread** light to moderate rainfall with **lightning & gusty winds speed reaching 40-50 kmph gusting to 60 kmph** over Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh & Rajasthan on 27th; East Uttar Pradesh on 27th & 28th; **Isolated** light rainfall with **lightning** over Central India on 27th & 28th January.
- ❖ Isolated **Hailstorm** activity also likely over Jammu-Kashmir on 26th & 27th; Himachal Pradesh, Punjab and Haryana on 27th and Uttarakhand on 27th & 28th January.
- ❖ **Isolated** light/moderate rainfall accompanied with thunderstorm, lightning & gusty winds speed reaching 30-40 kmph very likely over Bihar on 28th and with lightning over Kerala & Mahe on 25th & 26th January.

Forecast of minimum temperatures:

- ❖ No significant change in minimum temperatures likely over Northwest India during next 24 hours; gradual rise by 4-6°C during subsequent 2 days and gradual fall by 3-5°C during subsequent 3 days and no significant change thereafter.
- ❖ No significant change in minimum temperatures likely over Central India during next 24 hours and gradual rise by 2-3°C during subsequent 3 days and gradual fall by 2-4°C and gradual rise thereafter.
- ❖ Gradual rise in minimum temperatures by 2-3°C likely over Maharashtra during next 2 days and no significant change during subsequent 5 days.
- ❖ Gradual rise in minimum temperatures by 2-3°C likely over Gujarat during next 2days; no significant change during subsequent 24 hours and fall by 2-3°C thereafter.
- ❖ No significant change in minimum temperatures likely over rest parts of the country.

Dense Fog, Cold wave & Cold day Warnings:

- ❖ **Dense fog** conditions also likely during morning/night hours in isolated pockets over Himachal Pradesh, Punjab, Haryana Chandigarh till 26th; north Uttar Pradesh & Sub-Himalayan West Bengal & Sikkim till 27th January.
- ❖ **Cold wave to severe cold wave conditions** likely in isolated pockets over East Rajasthan on 26th; **Cold wave** conditions likely in isolated pockets over Himachal Pradesh & West Rajasthan on 26th; Punjab, Haryana, Chandigarh on 26th & during 28th-30th January.
- ❖ **Cold day** conditions likely in isolated pockets over Himachal Pradesh and Punjab on 27th January.

Fisherman Warning:

Fishermen are advised not to venture into the following areas during 25th January to 30th January, 2026:

- **Bay of Bengal:** Over many parts of southwest Bay of Bengal, along and off Tamil Nadu and Sri Lanka coast on 25th January, Over Gulf of Mannar, Comorin area during 25th to 30th January 2026, over Sri Lanka coast during 26th to 28th January.
- **Arabian Sea:** Over northeast Arabian Sea, along and off Gujarat coast on 25th January; over northeast Arabian sea, along & off north Gujarat coast on 26th January.

Weather conditions and forecast over Delhi/NCR during 25th -28th January, 2026 (ANNEXURE III) For more details, kindly refer National Weather Bulletin:

https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php

For District wise warnings refer: <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

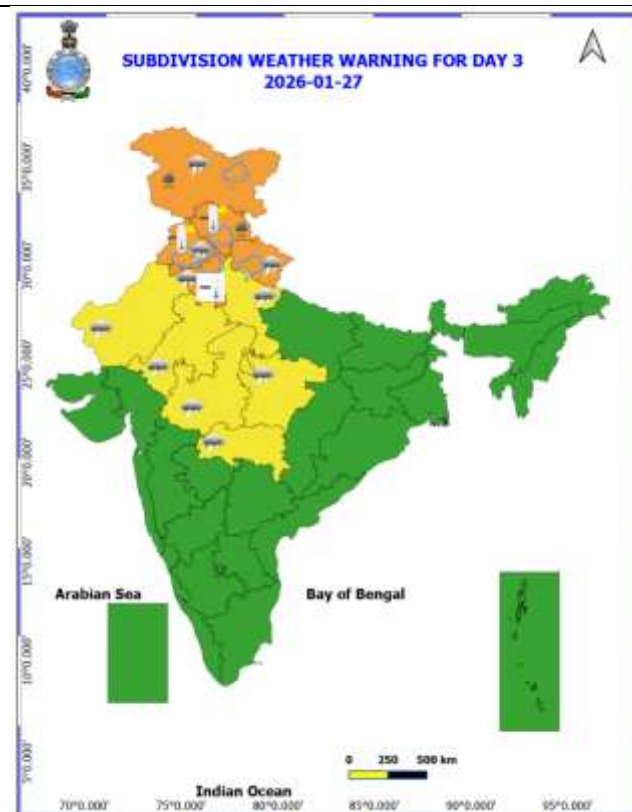
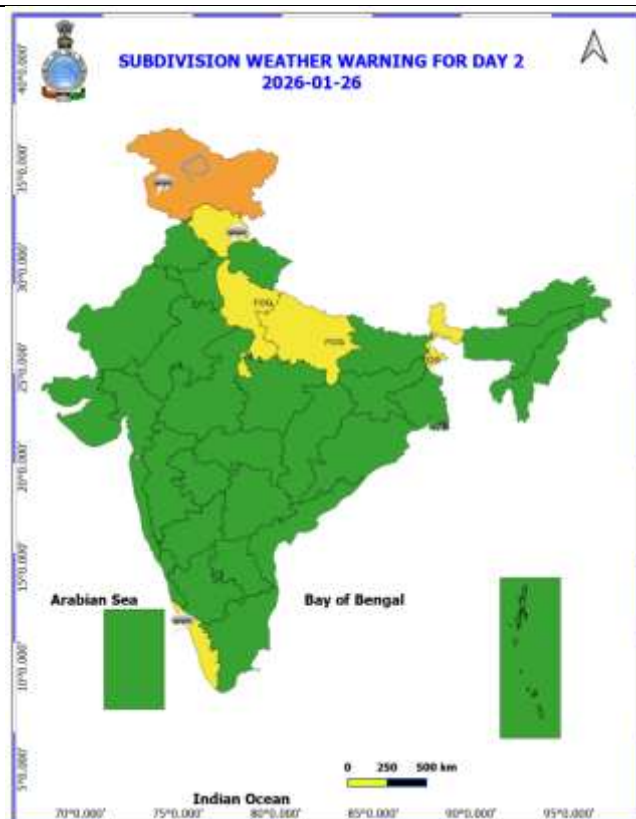
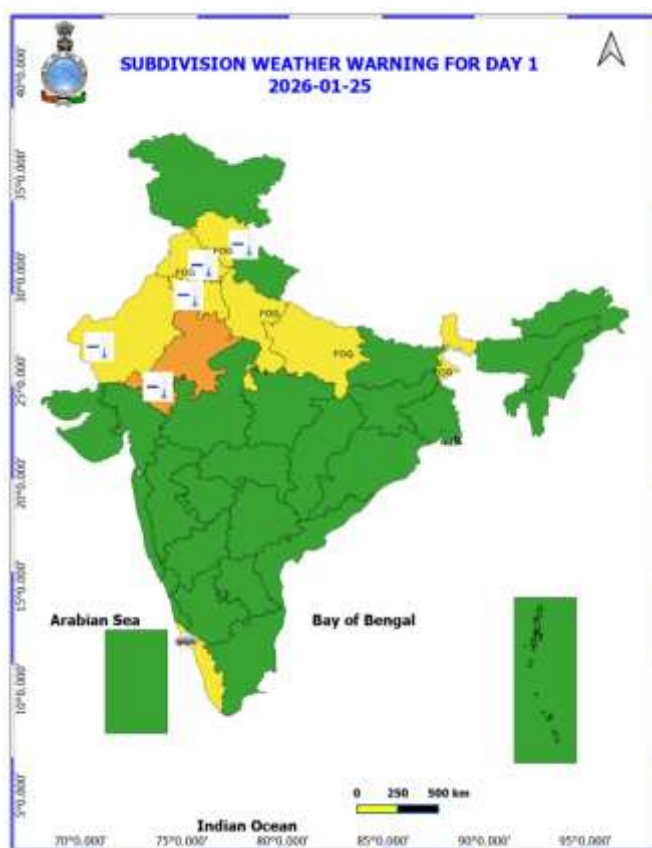
For Fishermen warning refer <https://rsmcnewdelhi.imd.gov.in/fishermen-warning.php>

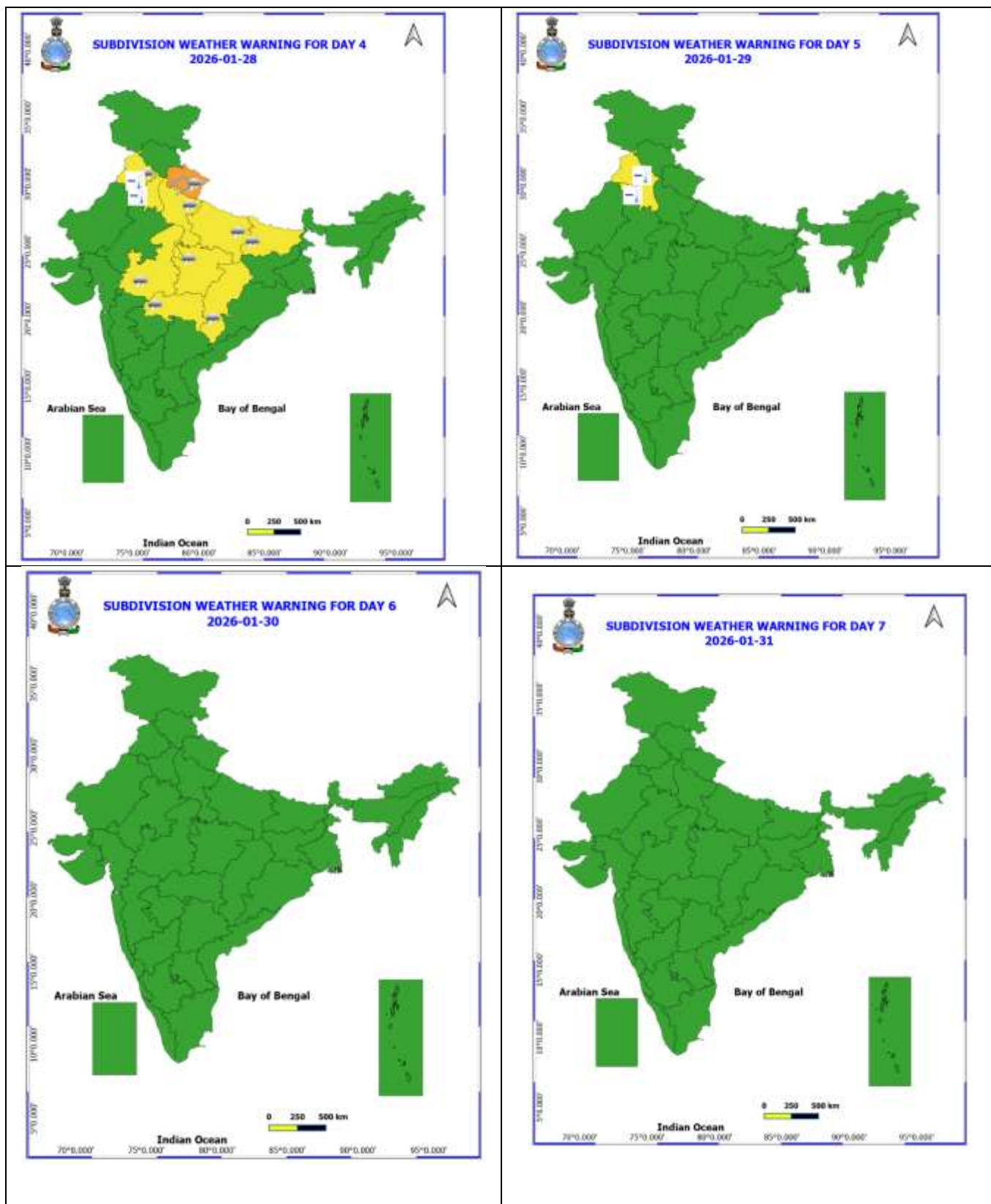
Realised Gusty wind since last 24 hours (till 0830 hrs IST) (in kmph)

- ❖ **Himachal Pradesh:** Narkanda-57, Recongpeo-44, Kufri-43;
- ❖ **Arunachal Pradesh:** Lowertato -50;
- ❖ **Andaman & Nicobar Islands:** Sri Vijayapuram-33;
- ❖ **Jharkhand:** AMFU Ranchi-31.

Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	25- Jan	26- Jan	27- Jan	28- Jan	29- Jan	30- Jan	31- Jan
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
2	ARUNACHAL PRADESH	ISOL	ISOL	DRY	ISOL	ISOL	ISOL	ISOL
3	ASSAM & MEHGHALAYA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	ISOL	DRY	DRY	ISOL	ISOL	DRY	DRY
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	DRY	DRY	DRY	DRY
7	ODISHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
8	JHARKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY
9	BIHAR	DRY	DRY	DRY	ISOL	DRY	DRY	DRY
10	EAST UTTAR PRADESH	DRY	DRY	ISOL	SCT	DRY	DRY	DRY
11	WEST UTTAR PRADESH	DRY	DRY	FWS	SCT	DRY	DRY	DRY
12	UTTARAKHAND	ISOL	ISOL	DRY	FWS	ISOL	DRY	DRY
13	HARYANA, CHANDIGARH & DELHI	DRY	ISOL	FWS	ISOL	DRY	DRY	DRY
14	PUNJAB	DRY	ISOL	FWS	ISOL	DRY	DRY	DRY
15	HIMACHAL PRADESH	ISOL	FWS	DRY	ISOL	ISOL	DRY	SCT
16	JAMMU AND KASHMIR AND LADAKH	ISOL	DRY	DRY	SCT	ISOL	ISOL	SCT
17	WEST RAJASTHAN	DRY	ISOL	ISOL	DRY	DRY	DRY	ISOL
18	EAST RAJASTHAN	DRY	ISOL	SCT	DRY	DRY	DRY	ISOL
19	WEST MADHYA PRADESH	DRY	DRY	ISOL	ISOL	DRY	DRY	ISOL
20	EAST MADHYA PRADESH	DRY	DRY	ISOL	ISOL	DRY	DRY	ISOL
21	GUJRAT REGION	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY
25	MARATHWADA	DRY	DRY	ISOL	DRY	DRY	DRY	DRY
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
27	CHHATTISGARH	DRY	DRY	DRY	ISOL	DRY	DRY	DRY
28	COASTAL ANDHRA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
30	RAYALASEEMA	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
31	TAMILNADU & PUDUCHERRY	SCT	SCT	ISOL	DRY	DRY	DRY	DRY
32	COSTAL KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
33	NORTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
34	SOUTH INTERIOR KARNATAKA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
35	KERALA AND MAHE	ISOL	SCT	ISOL	DRY	DRY	DRY	DRY
36	LAKSHADWEEP	SCT	SCT	SCT	DRY	DRY	DRY	DRY

- As the lead period increases forecast accuracy decrease.





- Action may be taken based on ORANGE AND REDCOLOUR warnings.
- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
- As the lead period increases forecast accuracy decreases.

Detailed districtwise MultiHazard weather warning for next five days available at
<https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

Weather forecast over Delhi/NCR during 25th to 28th January 2026**Past Weather:**

There has been a slight fall in minimum temperature up to 1°C and rise in maximum temperatures by 01 - 03°C during the past 24 hours over Delhi. The maximum and minimum temperatures over Delhi were around 16°C to 19°C and 05°C to 07°C respectively. The minimum temperatures were appreciably below normal (-3.1 to -5.0°C) at isolated places, below normal (-1.6 to -3.0°C) at a few places and normal (-1.5 to 1.5) over the remaining parts of Delhi. The maximum temperatures were appreciably below normal (-3.1 to -5.0°C) at isolated places and below normal (-1.6 to -3.0°C) at many places of Delhi. Partly cloudy sky with predominant surface wind from the northwest direction with a wind speed up to 20kmph prevailed during the past 24 hours. Partly cloudy sky with wind speed reaching up to 15kmph from the northwest direction prevailed over the region in the forenoon today.

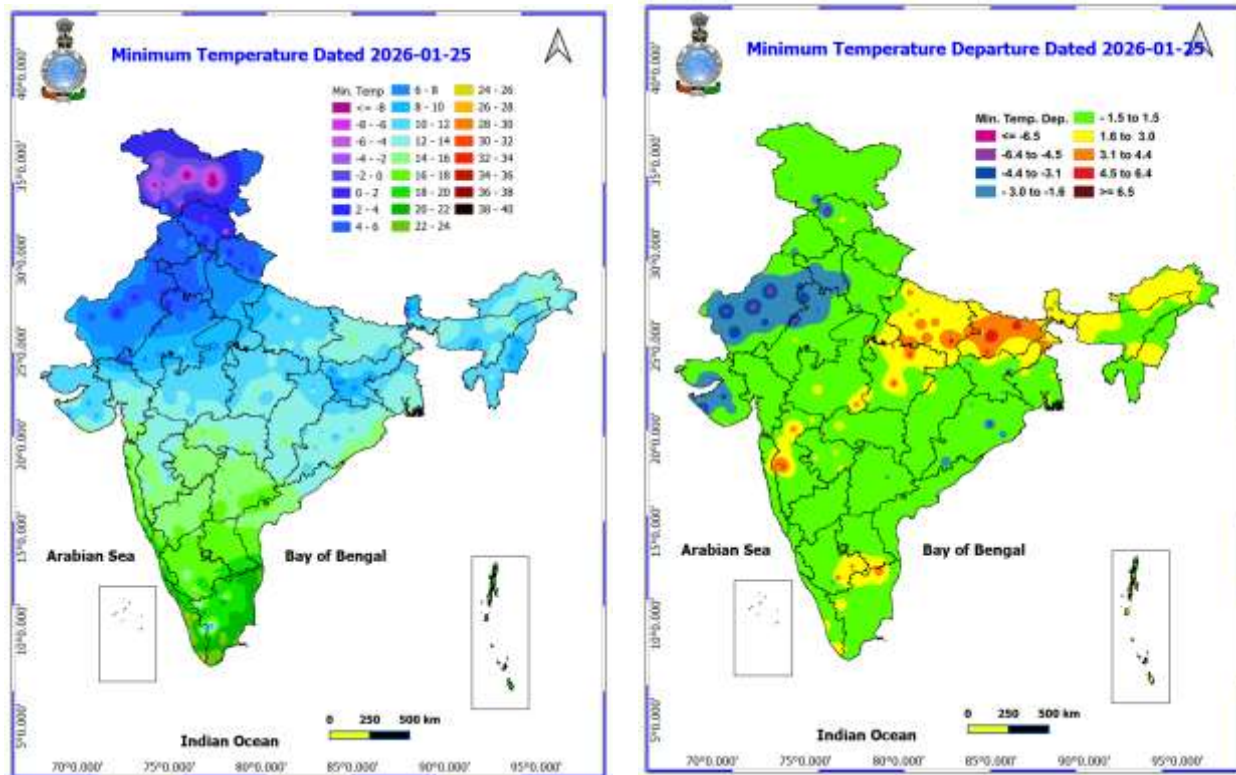
Weather Forecast:

25.01.2026: Partly cloudy sky. Sustained surface winds speed reaching 15 – 25 kmph. Mist during night. The maximum temperatures are likely to be in the range of 18°C to 20°C. Maximum temperatures will be below normal (-1.6 to 3.0°C) over Delhi. The predominant surface wind is likely to be from the northwest direction with wind speeds less than 15kmph during the afternoon hours. The wind speed will decrease becoming up to 10 kmph from the northwest direction during the evening and night.

26.01.2026: Partly cloudy sky. Shallow to moderate fog during morning hours. The maximum and minimum temperatures in Delhi are likely to be in the ranges of 19°C to 21°C and 04°C to 06°C respectively. The minimum temperature will be below normal (-1.6°C to -3.0°C) and the maximum temperatures will be near normal over Delhi. The predominant surface wind is likely to be from the west direction with wind speed less than 12kmph during the morning hours. The wind speed will decrease up to 10kmph from the north direction in the afternoon hours. The wind speed will decrease becoming up to 08kmph from the northeast direction during evening and night.

27.01.2025: Generally cloudy sky. One or two spells of light rain accompanied with thunderstorms/lightning and gusty wind (wind speed 30-40 kmph) during early morning hours to forenoon hours. Also likely one spell of light rain during afternoon to night hours. Shallow fog during morning hours. The maximum and minimum temperatures in Delhi are likely to be in the ranges of 18°C to 20°C and 08°C to 10°C respectively. The minimum temperatures will be above normal (1.6°C to 3.0°C) and the maximum temperatures will be below normal (-1.6°C to -3.0°C) over Delhi. The predominant surface wind is likely to be from the southeast direction with wind speeds up to 15kmph during the morning hours. The wind speed will increase becoming up to 20kmph from the southeast direction in the afternoon. The wind speed will decrease becoming up to 15kmph from southeast direction during the evening and night.

28.01.2026: Generally cloudy sky. Shallow to moderate fog during morning hours. The maximum and minimum temperatures in Delhi are likely to be in the ranges of 17°C to 19°C and 11°C to 13°C respectively. The minimum temperatures will be above normal (1.6°C to 3.0°C) and the maximum temperatures will be below normal (-1.6°C to -3.0°C) over Delhi. The predominant surface wind is likely to be from the east direction with wind speeds up to 15kmph during the morning hours. The wind speed will decrease becoming up to 10kmph from the northeast direction in the afternoon. The wind speed will decrease becoming up to 08kmph from north direction during the evening and night.



Impact expected and action suggested due to isolated thunderstorm with lightning/ squally winds & Hailstorm over

- ❖ Isolated **Hailstorm** activity over Jammu-Kashmir on 26th & 27th; Himachal Pradesh, Punjab and Haryana on 27th and Uttarakhand on 27th & 28th January.
- ❖ **Thunderstorm with lightning & squally winds speed reaching 50-60 kmph gusting to 70 kmph** over Jammu-Kashmir-Ladakh, Himachal Pradesh on 26th & 27th and Uttarakhand on 27th & 28th January; with **lightning & gusty winds speed reaching 40-50 kmph gusting to 60 kmph** over Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh & Rajasthan on 27th; East Uttar Pradesh on 27th & 28th January.

Impact expected:

- Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- Minor to Major damage to banana and papaya trees.
- Minor to major damage to power and communication lines due to breaking of branches.
- 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:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- 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 fog in the morning/night hours:

- ❖ **Dense fog** conditions also likely during morning/night hours in isolated pockets over Himachal Pradesh, Punjab, Haryana Chandigarh till 26th; north Uttar Pradesh & Sub-Himalayan West Bengal & Sikkim till 27th January.
- ❖ **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.

Impact expected due to Cold Wave/ Severe Cold wave conditions:

- ❖ **Cold wave to severe cold wave conditions** likely in isolated pockets over East Rajasthan on 26th; **Cold wave** conditions likely in isolated pockets over Himachal Pradesh & West Rajasthan on 26th; Punjab, Haryana, Chandigarh on 26th & during 28th-30th January.
- ❖ 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 woollen 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 woollen 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.

Agromet advisories for likely impact of Heavy Rainfall/ Snowfall

- In **Jammu & Kashmir**, make necessary arrangements to drain out excess water from wheat, mustard, chickpea, pea and vegetables fields. Gently shake the fruit bearing trees to remove snow immediately from the branches.
- In **Himachal Pradesh**, ensure proper drainage to drain out excess rainwater from the fields of wheat, barley, onion, garden pea, potato, garlic, spinach, radish, turnip, coriander, cabbage, cauliflower and broccoli and fruit orchards. Gently shake the fruit bearing trees to remove snow immediately from the branches.

- In **Uttarakhand**, make necessary arrangements to drain out excess water from the fields of wheat, barley, lentil, chickpea, mustard, rapeseed, vegetable and plantations crops. Gently shake the fruit bearing trees to remove snow immediately from the branches.

Agromet advisories for likely impact of Hailstorm

- Use hail nets to protect orchards and vegetable plants in Jammu & Kashmir and Himachal Pradesh.

Agromet advisories for likely impact of Cold Waves / Low Temperatures

- In **Himachal Pradesh, Punjab, Haryana and Rajasthan**, apply light and frequent irrigation to the standing crops in the evening hours to protect crops from low temperature stress. Use mulching and cover the vegetable nurseries and young fruit plants with straw / polythene sheets to maintain optimum soil temperature.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

Livestock / Poultry

- Keep the animals inside the shed during heavy rainfall/ Hailstorm period and provide them balanced feed. Store feed and fodder in a safe place to prevent spoilage.
- To protect from cold, keep cattle inside the sheds during night and provide dry bedding. Also keep the chicks warm by providing artificial light in the poultry sheds.

Legends & abbreviations:

- ❖ **Heavy Rain:**64.5-115.5mm; **Very Heavy Rain:**115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO:** Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.
- ❖ **Region wise classification of meteorological Sub-Divisions:**
 - **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
 - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
 - **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
 - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
 - **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathawada.
 - **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

LEGENDS

1. अंडमान और निकोबार द्वीपसमूह

2. अरुणाचल प्रदेश

3. असम और मेघालय

4. नागालैंड, मणिपुर, मिजोरम और त्रिपुरा

5. उप-हिमालयी पश्चिम बंगाल और सिक्किम

6. गंगीय पश्चिम बंगाल

7. ओडिशा

8. झारखंड

9. बिहार

10. पूर्वी उत्तर प्रदेश

11. पश्चिम उत्तर प्रदेश

12. उत्तराखंड

13. हरियाणा, चंडीगढ़ और दिल्ली

14. पंजाब

15. हिमाचल प्रदेश

16. जम्मू और कश्मीर और लद्दाख

17. पश्चिम राजस्थान

18. पूर्वी राजस्थान

19. पश्चिम मध्य प्रदेश

20. पूर्वी मध्य प्रदेश

21. गुजरात

22. सौराष्ट्र

23. कोंकण और गोवा

24. मध्य महाराष्ट्र

25. मराठवाड़ा

26. विदर्भ

27. छत्तीसगढ़

28. तटीय आंध्र प्रदेश और यनम

29. तेलंगाना

30. रायलसीमा

31. तमिलनाडु, पुडुचेरी और कराईकल

32. तटीय कर्नाटक

33. आंतरिक उत्तरी कर्नाटक

34. आंतरिक दक्षिणी कर्नाटक

35. केरल और 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. Odisha

8. Jharkhand

9. Bihar

10. East Uttar Pradesh

11. West Uttar Pradesh

12. Uttarakhand

13. Haryana, Chandigarh & 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. Vidarbha

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)



Fog



Heavy Snow



Cold Wave



Heavy Rain



Dust Storm



Cold Day



Very Heavy Rain



Heat Wave



Ground Frost



Extremely Heavy Rain



Warm Night



Thunder & Lightning



Hot Day



Hailstorm



Hot & Humid



Dust Raising Winds



Strong Surface Winds

COLOUR CODED WARNING

No Warning (No Action)

Watch (Be Aware)

Alert (Be Prepared To Take Action)

Warning (Take Action)

Probabilistic Forecast

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

* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".

Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.

For more details, kindly visit <https://mausam.imd.gov.in> or contact: 011-2434-4599

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DEFINITION/CRITERIA

Rain/ Snow *

Heavy: 64.5 to 115.5 mm/cm *
Very Heavy: 115.6 to 204.4 mm/cm *
Extremely Heavy: > 204.4 mm/cm *

Heat Wave

When maximum temperature of a station reaches $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ for hilly regions
(a) Based on Departure from normal

Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C .

Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$

(b). Based on Actual maximum temperature

Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$.

Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$.

(c). Criteria for heat wave for coastal stations

When maximum temperature departure is $> 4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$.

Warm Night

When maximum temperature remains 40°C

Warm Night: When minimum temperature departure 4.5°C to 6.4°C .

Severe Warm Night: When minimum temperature departure $> 6.4^{\circ}\text{C}$.

Cold Wave

When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions.

(a). Based on departure

Cold Wave: Minimum Temperature Departure from normal -4.5°C to -6.4°C .

Severe Cold Wave: Minimum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$

(b) Based on actual Minimum Temperature (for Plains only)

Cold Wave: When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$

Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$

(c) For Coastal Stations

When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$

Cold Day

When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions

Based on departure

Cold Day: Maximum Temperature Departure from normal -4.5°C to -6.4°C .

Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$

Fog

Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$

Moderate Fog: When the visibility between 500-200 metres

Dense Fog: when the visibility between 50- 200 metres

Very Dense Fog: when the visibility < 50 metres

Thunderstorm

Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)

Dust/Sand Storm

An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.

Frost

Ice deposits on ground

Air temperature $\leq 4^{\circ}\text{C}$ (over Plains)

Squall

A strong wind that rises suddenly, lasts for atleast 1 minute.

Moderate: Wind speed 52-61 kmph

Severe: Wind speed 62-67 kmph

Very Severe: Wind speed > 67 kmph

Sea State

Effect of various waves in the sea over specific area

Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre

High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre

Phenomenal: Wind speed > 117 kmph (> 63 knots) & Wave height > 14 metre

Cyclone

Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)

Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)

Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)

Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)

Super Cyclone Storm: Wind speed > 220 kmph (> 119 knots)

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