Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date:26th January 2026
Time of Issue: 1345 hours IST

India Meteorological Department
wishes you a very happy 77th Republic Day

Subject: (i) An intense Western Disturbance likely to cause light/moderate rainfall/snowfall at many places over Western Himalayan region during 26th- 28th and isolated heavy rainfall/snowfall and hailstorm on 27th January, 2026.
(ii) Light/moderate rainfall likely at some places over adjoining plains of northwest India along with isolated thunderstorms/lightning/hailstorm and winds speed reaching 40-50 kmph gusting to 60 kmph on 27th 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 26th January, 2026:

- **Dense to very Dense fog (visibility <50 m) conditions** prevailed in isolated pockets of Uttar Pradesh and Uttarakhand; **dense fog (visibility 50-199 m) conditions** in isolated pockets over Himachal Pradesh, Punjab, East Madhya Pradesh and Meghalaya.

- **Visibility reported (in meters ≤200 m): West Uttar Pradesh:** Sarsawa IAF 0m, Najibabad 50m; **East Uttar Pradesh:** Prayagraj IAF 0m; **Uttarakhand:** Roorkee, Roshnabad, Laksar 20m each, Pantnagar, Kashipur 50 m each; **Himachal Pradesh:** Bilaspur 50m; **Punjab:** Adampur 100m; **Meghalaya:** Barapani 100m; **East Madhya Pradesh:** Rewa, Khajuraho (50-199 m).
- **Cold wave to severe cold wave conditions** prevailed in isolated pockets of East Rajasthan and **cold wave conditions** in isolated pockets of Himachal Pradesh, West Rajasthan and Haryana.
- **Cold day conditions** prevailed in few pockets of West Rajasthan.
- **Heavy rainfall** has been recorded at isolated places over Tamil Nadu.

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 & East Rajasthan; **4-9°C** at many places over Punjab, Delhi & Uttar Pradesh; at isolated places over remaining parts of Rajasthan, north Madhya Pradesh 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 East Uttar Pradesh, Madhya Pradesh, Bihar, Jharkhand, Gangetic West Bengal, Odisha, Gujarat Region, Maharashtra, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana, Interior Karnataka, Kerala & Mahe, Tamil Nadu and below normal by (-2°C to -4°C) over Haryana, West Uttar Pradesh, Rajasthan, Saurashtra & Kutch and near normal over rest parts of the country. (**refer to ANNEXURE IV**)
- **Minimum Temperatures have shown rising tendency by 1-3°C** over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Rajasthan, northwest Madhya Pradesh, Bihar, Jharkhand, Odisha, Gangetic West Bengal, Gujarat State, Maharashtra, Telangana, Rayalaseema, Karnataka; **falling tendency by 1-3°C** over Haryana, Uttar Pradesh, East Madhya Pradesh, Sub-Himalayan West Bengal and Assam.
- The **lowest minimum temperature** of **0.5°C** was observed at Sikar **(Rajasthan)** over the plains of India.

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

- The **Western Disturbance** as a trough in middle & upper tropospheric westerlies runs roughly along Long. 58°E to the north of Lat. 20°N.

- A **trough** in westerlies with its axis at 3.1 km above mean sea level runs roughly along Long. 93°E to the north of Lat. 24°N.
- An induced **cyclonic circulation** lies over Haryana & neighbourhood in lower tropospheric levels.
- A **trough** runs from induced cyclonic circulation over Haryana & neighbourhood to southwest Rajasthan in lower tropospheric levels.
- Subtropical westerly **Jet Stream** with core winds of the order of 125 knots at 12.6 km above mean sea level continues to prevail over North India.
- A north south feeble **trough** runs over southeast Arabian sea off Kerala coast in lower tropospheric levels.
- 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 **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph gusting to 60 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, Himachal Pradesh and Uttarakhand 27th January and Scattered to fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph gusting to 60 kmph** over Punjab, Haryana, Chandigarh on 27th; **thunderstorm, lightning & gusty winds speed reaching 30-40 kmph gusting to 50 kmph** over West Uttar Pradesh & Rajasthan on 27th; East Uttar Pradesh on 27th & 28th; **Isolated** light rainfall with **thunderstorm, lightning** over Madhya Pradesh on 27th & 28th; Chhattisgarh on 28th January.
- **Isolated Hailstorm activity also likely over Jammu-Kashmir on 26th & 27th; Himachal Pradesh, Uttarakhand, West Uttar Pradesh and Rajasthan on 27th 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 26th; Madhya Maharashtra & Marathawada on 27th January.

Forecast of minimum temperatures:

- Gradual rise in minimum temperatures by 3-5°C likely over Northwest India during next 2 days; gradual fall by 3-5°C during subsequent 2 days and gradual rise by 3-5°C during subsequent 3 days.
- No significant change in minimum temperatures likely over Central India during next 24 hours and gradual fall by 2-3°C during subsequent 2-3 days and gradual rise by 2-4°C during subsequent 3 days.
- No significant change in minimum temperatures likely over Maharashtra during next 24 hours; gradual fall by 2-4°C during subsequent 24 hours; gradual rise by 2-3°C during subsequent 3 days and no significant change thereafter.
- Gradual rise in minimum temperatures by 2-3°C likely over Gujarat during next 24 hours; gradual fall by 3-5°C during subsequent 24 hours; gradual rise by 2-3°C during subsequent 3 days.
- 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 Uttarakhand till 27th; Himachal Pradesh during 28th-31st; Uttar Pradesh on 27th, 29th & 30th; Rajasthan during 28th-30th & Bihar during 29th-31st January.
- **Cold wave** conditions likely in isolated pockets over Himachal Pradesh during 29th-31st; Punjab, Haryana, Chandigarh during 28th-31st January.
- **Cold day** conditions likely in isolated pockets over Himachal Pradesh on 27th January.

Fisherman Warning:

Fishermen are advised not to venture into the following areas during 26th January to 31st January, 2026:

- **Bay of Bengal:** Along and off south Tamil Nadu and Sri Lanka coast, Over Gulf of Mannar, Comorin area during 27th to 29th January, Over Comorin area during 29th to 31st January 2026.
- **Arabian Sea:** Over northeast Arabian Sea, along and off north Gujarat coast on 26th to 28th January.

Weather conditions and forecast over Delhi/NCR during 26th -29th January, 2026 (ANNEXURE III) For more details, kindly refer National Weather Bulletin:
https://mausam.imd.gov.in/responsive/all_india_forcast_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

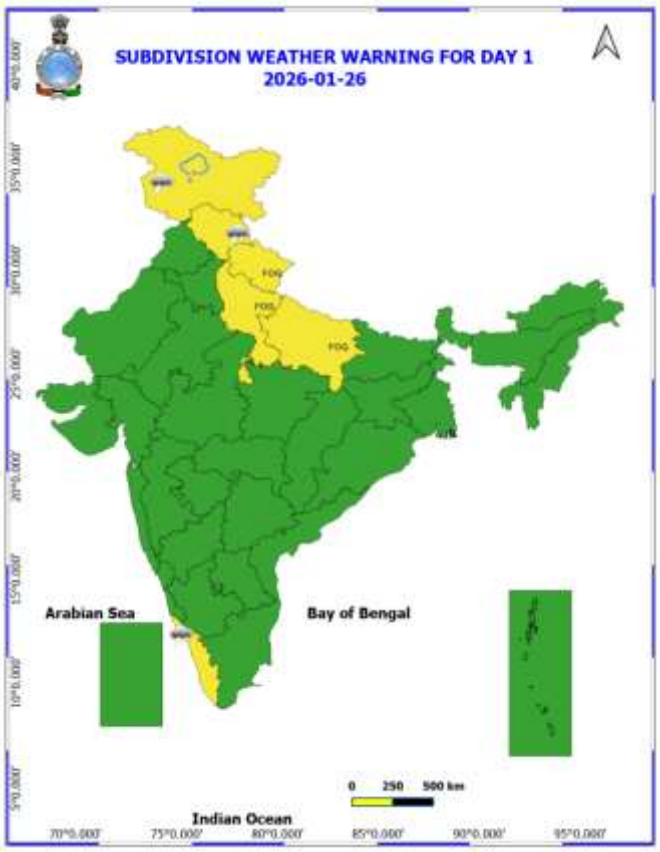
Significant rainfall recorded (in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today):
Tamil Nadu: Mahabalipuram (dist Chengalpattu) 7.

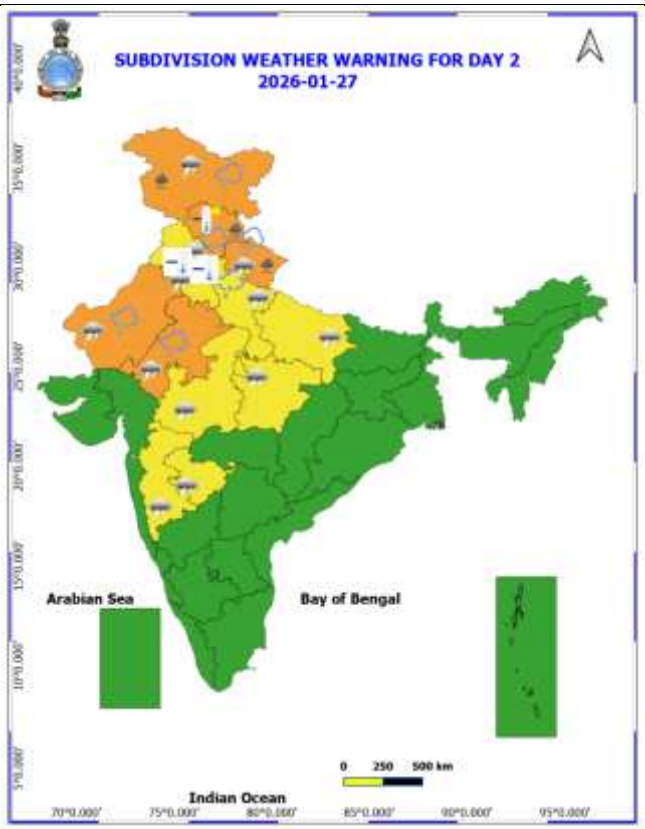
ANNEXURE I

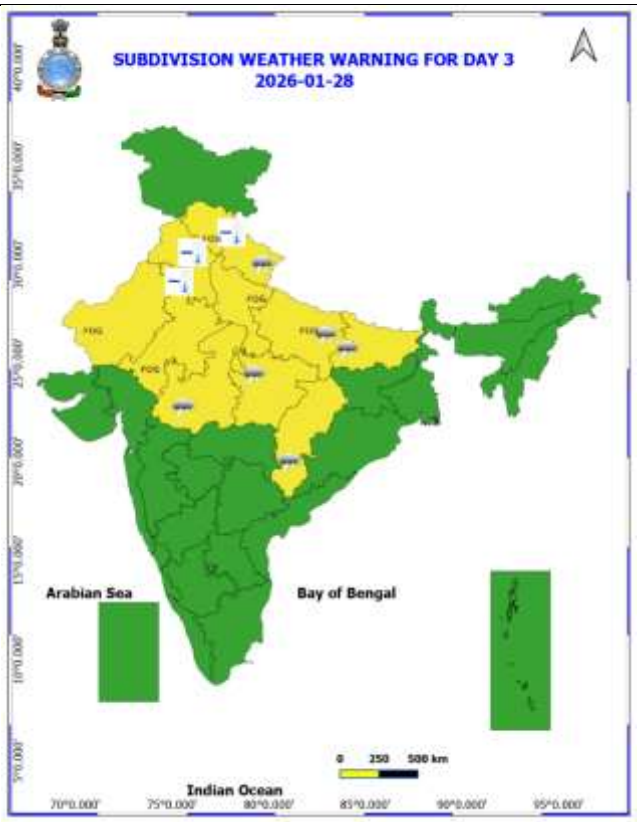
Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	26- Jan	27- Jan	28- Jan	29- Jan	30- Jan	31- Jan	1- Feb
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
2	ARUNACHAL PRADESH	ISOL	DRY	ISOL	ISOL	ISOL	DRY	DRY
3	ASSAM & MEHGHALAYA	ISOL	DRY	DRY	ISOL	ISOL	DRY	DRY
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	ISOL	DRY	DRY	ISOL	ISOL	DRY	DRY
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	DRY	DRY	ISOL	ISOL	DRY	DRY	ISOL
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	ISOL	DRY	DRY	DRY	DRY
10	EAST UTTAR PRADESH	DRY	ISOL	SCT	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	DRY	FWS	ISOL	DRY	DRY	DRY	DRY
12	UTTARAKHAND	ISOL	WS	SCT	ISOL	ISOL	ISOL	SCT
13	HARYANA, CHANDIGARH & DELHI	ISOL	FWS	ISOL	DRY	DRY	ISOL	ISOL
14	PUNJAB	ISOL	FWS	ISOL	DRY	DRY	ISOL	ISOL
15	HIMACHAL PRADESH	FWS	WS	ISOL	DRY	ISOL	ISOL	SCT
16	JAMMU AND KASHMIR AND LADAKH	WS	WS	SCT	ISOL	ISOL	SCT	SCT
17	WEST RAJASTHAN	ISOL	ISOL	DRY	DRY	DRY	ISOL	DRY
18	EAST RAJASTHAN	ISOL	SCT	DRY	DRY	DRY	ISOL	ISOL
19	WEST MADHYA PRADESH	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY
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	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
25	MARATHWADA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	DRY	ISOL	DRY	DRY	DRY	DRY	DRY
27	CHHATTISGARH	DRY	DRY	ISOL	DRY	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	ISOL	DRY	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	DRY	DRY	DRY	DRY	DRY	DRY
35	KERALA AND MAHE	SCT	ISOL	DRY	DRY	DRY	DRY	DRY
36	LAKSHADWEEP	SCT	SCT	DRY	DRY	DRY	DRY	DRY

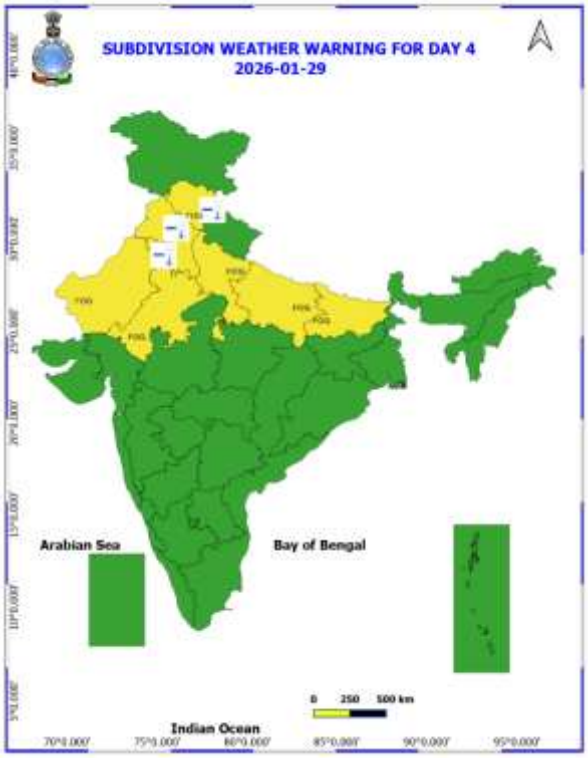
- **As the lead period increases forecast accuracy decrease.**

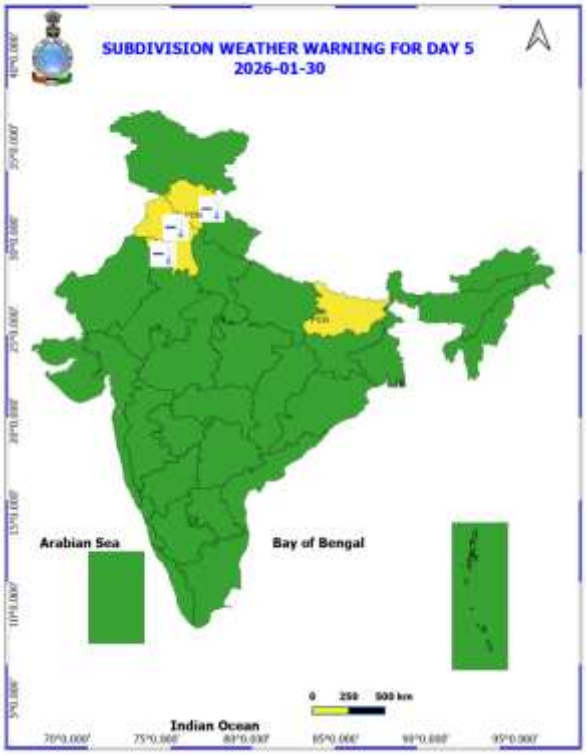
ANNEXURE II

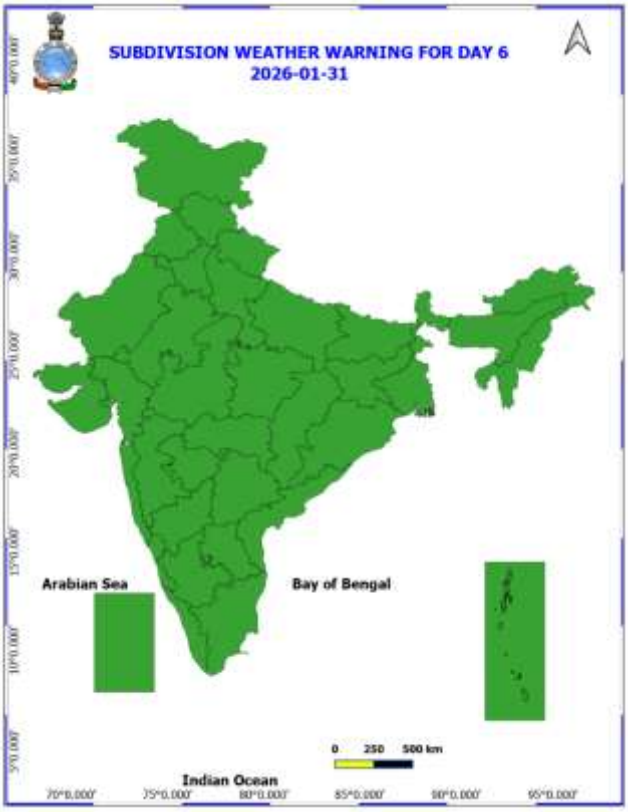

SUBDIVISION WEATHER WARNING FOR DAY 1
2026-01-26
FOG
Arabian Sea
Bay of Bengal
0 250 500 km
Indian Ocean

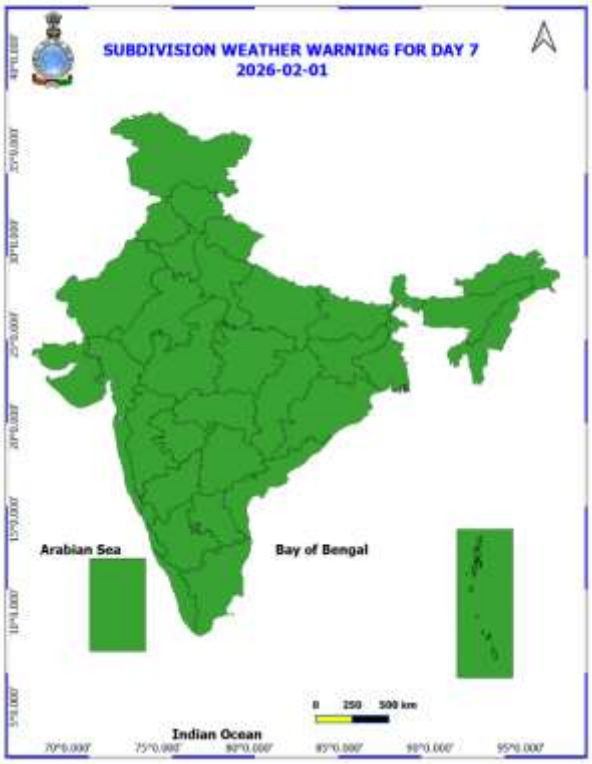

SUBDIVISION WEATHER WARNING FOR DAY 2
2026-01-27
Arabian Sea
Bay of Bengal
0 250 500 km
Indian Ocean


SUBDIVISION WEATHER WARNING FOR DAY 3
2026-01-28
FOG
Arabian Sea
Bay of Bengal
0 250 500 km
Indian Ocean









- **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.**

DetaileddistrictwiseMultiHazardweatherwarningfornextfivedaysavailableat
https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php

ANNEXURE III

Weather forecast over Delhi/NCR during 26th to 29th January 2026

Past Weather:

There has been fall in minimum temperature up to 1 - 2°C and no large change in maximum temperatures during the past 24 hours over Delhi. The maximum and minimum temperatures over Delhi were around 16°C to 19°C and 04°C to 05°C respectively. The minimum temperatures were markedly below normal (5.1°C to above) at isolated places, appreciably below normal (-3.1°C to -5.0°C) at most places over Delhi. The maximum temperatures were appreciably below normal (-3.1°C to -5.0°C) at isolated places and below normal (-1.6°C to -3.0°C) at many places and normal (-1.5°C to 1.5°C) over the remaining parts of Delhi. Mainly clear sky with predominant surface wind from the northwest direction with a wind speed up to 20kmph prevailed during the past 24 hours. Mainly clear sky with wind speed reaching up to 10kmph from the northwest direction prevailed over the region in the forenoon today.

Weather Forecast:

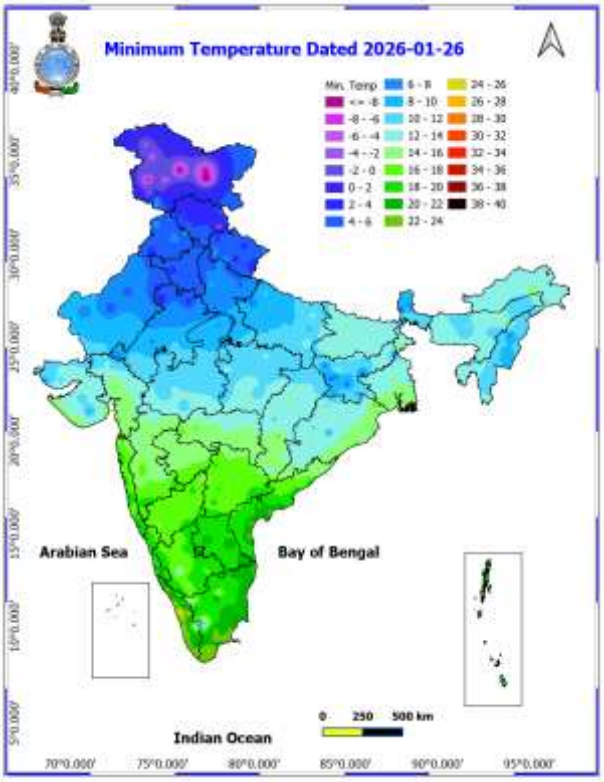
26.01.2026: Mainly clear sky becoming generally cloudy sky towards night. Mist during night. The maximum temperatures are likely to be in the range of 20°C to 22°C. Maximum temperatures will be below normal (-1.6°C to 3.0°C) over Delhi. The predominant surface wind is likely to be from the north direction with wind speeds less than 10kmph during the afternoon hours. The wind speed will decrease becoming up to 08 kmph from the northeast direction during the evening and night.

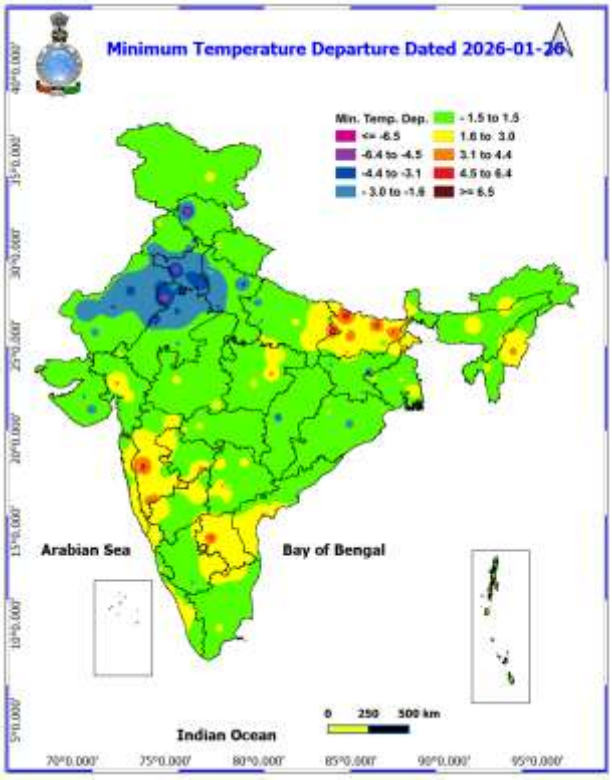
27.01.2026: Generally cloudy sky. One or two spells of light rain accompanied with thunderstorms/lighting and gusty winds speed reaching 30-40 kmph likely during early morning hours to forenoon hours. Also, one or two spells of light rain accompanied with thunderstorms/lighting during afternoon to night. 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 temperature will be above 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 southeast direction with wind speed less than 12kmph during the morning hours. The wind speed will increase becoming up to 15kmph from the east direction in the afternoon hours. The wind speed will decrease becoming up to 10kmph from the east direction during evening and night.

28.01.2025: 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 north direction associated with calm wind reaching up to 05 kmph during morning hours. The wind speed will increase becoming up to 10kmph from the north direction in the afternoon. The wind speed will decrease becoming up to 06kmph from north direction during the evening and night.

29.01.2026: 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 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 northwest direction with wind speeds up to 10kmph during the morning hours. The wind speed will increase becoming up to 12kmph from the northwest direction in the afternoon. The wind speed will decrease becoming up to 08kmph from northwest direction during the evening and night.

ANNEXURE IV





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

- Isolated **Hailstorm** activity likely over Jammu-Kashmir on 26th & 27th; Himachal Pradesh, Uttarakhand, West Uttar Pradesh and Rajasthan on 27th January.
- **Thunderstorm with lightning & gusty winds speed reaching 40-50 kmph gusting to 60 kmph** over Jammu-Kashmir-Ladakh, Himachal Pradesh on 26th & 27th; Uttarakhand on 27th & 28th**;** Punjab, Haryana, Chandigarh on 27th; **lightning & gusty winds speed reaching 30-40 kmph gusting to 50 kmph** over 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 Uttarakhand till 27th; Himachal Pradesh during 28th-31st; Uttar Pradesh on 27th, 29th & 30th; Rajasthan during 28th-30th & Bihar during 29th-31st 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** conditions likely in isolated pockets over Himachal Pradesh during 29th-31st; Punjab, Haryana, Chandigarh during 28th-31st 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

➢ In **Jammu & Kashmir**, make necessary arrangements to drain out excess water from wheat, mustard, chickpea, pea and vegetables fields.
➢ In **Himachal Pradesh,** make necessary arrangements 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.
➢ In **Uttarakhand,** make necessary arrangements to drain out excess water from the fields of wheat, barley, lentil, chickpea, mustard, rapeseed, vegetable and plantations crops.

Agromet advisories for likely impact of Hailstorm

- Use hail nets to protect orchards and vegetable plants in Jammu & Kashmir, Himachal Pradesh, Uttarakhand, West Uttar Pradesh and Rajasthan.

Agromet advisories for likely impact of Cold Waves / Low Temperatures

- In **Himachal Pradesh, Punjab** and **Haryana,** 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:

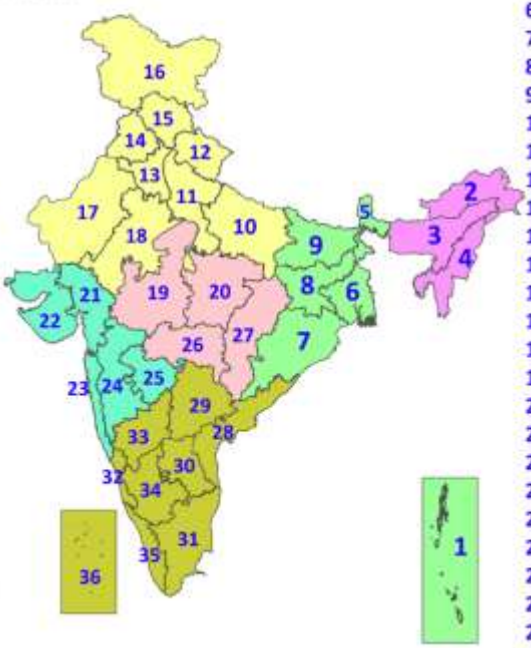
- **Heavy Rain:**64.5-115.5mm; **Very Heavy Rain:**115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District: **NH:** National Highway; **KVK**: Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO**: 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.

राष्ट्रीय मौसम पूर्वानुमान केन्द्र
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय

National Weather Forecasting Centre
India Meteorological Department
Ministry of Earth Sciences

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 Rain
Very Heavy Rain
Extremely Heavy Rain
Thunder & Lightning
Hailstorm
Dust Raising Winds
Heavy Snow
Dust Storm
Heat Wave
Warm Night
Hot Day
Hot & Humid
Strong Surface Winds
Cold Wave
Cold Day
Ground Frost

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
(Service to the Nation since 1875)

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 ≥40° C for plains and ≥30° 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 ≥6.5° C **(b). Based on Actual maximum temperature** **Heat Wave:** When actual maximum temperature ≥45°C. **Severe Heat Wave:** When actual maximum temperature ≥47°C **(c). Criteria for heat wave for coastal stations** When maximum temperature departure is >4.5°C from normal. Heat Wave may be described provided maximum temperature ≥37°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 °C.
Cold Wave	**When minimum temperature of a station ≤10°C for plains and ≤0°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 ≤ -6.5 °C **(b) Based on actual Minimum Temperature (for Plains only)** **Cold Wave :** When Minimum Temperature is ≤ 4.0 °C **Severe Cold Wave:** When Minimum Temperature is ≤ 2.0 °C **(c) For Coastal Stations** When Minimum Temperature departure is ≤-4.5 °C & actual Minimum Temperature is ≤ 15 °C
Cold Day	**When minimum temperature of a station ≤10°C for plains and ≤0°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 ≤ -6.5 °C
Fog	**Phenomenon of small droplets suspended in air and the horizontal visibility < 1km** **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 ≤4°C (over Plains)
Squall	**A strong wind that rises suddenly, lasts for atleast 1 minute.** **Moderate**: Wind speed 52-61 kmph **Severe**: Wind speed 62-87 kmph **Very Severe**: Wind speed >87 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 Strom**: Wind speed >220 kmph (>119 knots)

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