Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date:05th January 2026
Time of Issue: 1245 hours IST

Subject: (i) Dense fog conditions very likely to continue during morning hours over northwest, central, east & northeast India during next 4-5 days.
(ii) Cold day conditions very likely in isolated pockets over East Rajasthan during 05th-07th; over Jharkhand on 05th; West Rajasthan, Sub-Himalayan West Bengal during 05th-07th; Madhya Pradesh, Bihar & Gangetic West Bengal on 05th & 06th January, 2026.
(iii) Cold wave conditions very likely in isolated pockets of Punjab, Haryana, Chandigarh during 06th-09th; West Rajasthan during 08th-10th; East Rajasthan during 06th-10th; Chhattisgarh during 06th-08th; Jharkhand on 06th & 07th January, 2026.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 05th January, 2026:

- **Dense to very Dense fog (visibility <50 m) conditions** prevailed in some parts over East Uttar Pradesh; in isolated pockets over Madhya Pradesh, Odisha, Uttarakhand; **dense fog (visibility 50-199 m):** prevailed in isolated pockets over Himachal Pradesh, Punjab, Rajasthan, West Uttar Pradesh, Bihar and Assam.

- **Visibility in meter reported (≤200 m): East Uttar Pradesh:** Gorakhpur IAF & Azamgarh 0m, Gorakhpur & Ballia 30m Each, Fatehgarh 50m, Basti, Varanasi & Kanpur(IAF) 100m, Lucknow 150m; **West Madhya Pradesh:** Gwalior 0m, Bhopal 100m; **East Madhya Pradesh:** Jabalpur 0m; **Odisha:** Boudh 20m; **Uttarakhand:** Kashipur 30m, Bageshwar valley 50m; **West Rajasthan:** Sri Ganganagar 50m; **West Uttar Pradesh:** Shahjahanpur 70m, Bareilly IAF 100m, Agra IAF & Bareilly 150m, Najibabad & Agra Taj 200m; **Himachal Pradesh:** Sundernagar 100m; **Punjab:** Bathinda <100m; **East Rajasthan:** Sikar(>50m); **Bihar:** Gayaji 100m; **Assam:** Dhubri 100m, Jorhat 150m.
- **Cold day to severe cold day conditions** prevailed in isolated pockets of East Uttar Pradesh, Madhya Pradesh; **cold day conditions** prevailed in isolated pockets over Haryana and Bihar.
- **Ground frost conditions** has been recorded in isolated pockets over Uttarakhand.
- **Snowfall** has been recorded at isolated places over Jammu-Kashmir-Ladakh, Himachal Pradesh and Sikkim.

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

- The **Western Disturbance** as a cyclonic circulation over northwest Uttar Pradesh and neighbourhood in middle tropospheric levels.
- Another fresh **Western Disturbance** as a cyclonic circulation over north Pakistan and neighbourhood in middle tropospheric levels.
- **Subtropical westerly Jet Stream** with core winds of the order of 130 knots at 12.6 km above mean sea level prevail over northwest India.
- An upper air **cyclonic circulation** lies over Equatorial Indian Ocean adjoining central parts of south Bay of Bengal in lower & middle tropospheric levels.
- A **trough** in easterly over Maldives and adjoining Lakshadweep area in lower tropospheric levels.

Under the influence of these systems, the following weather is likely:

- **Isolated light/moderate** rainfall/snowfall very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 05th -06th; Himachal Pradesh & Uttarakhand on 06th January, 2026.
- **Ground frost conditions** very likely in isolated pockets over Uttarakhand on 05th & 06th January, 2026.
- Light/moderate rainfall at isolated places accompanied with thunderstorm, lightning likely over Tamil Nadu on 08th & 09th January; **Heavy rainfall** very likely at isolated places over Tamil Nadu and Kerala & Mahe on 09th & 10th January, 2026.

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

- **Minimum temperatures** were **below 0°C** at a few places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; **0-5°C** at a few places over Himachal Pradesh & Uttarakhand; **5°-10°C** at many places over Uttar Pradesh, Rajasthan, Madhya Pradesh, north Chhattisgarh; at some places over Haryana, Chandigarh & Delhi; at isolated places over Punjab, Jharkhand, Bihar, Meghalaya and Gangetic West Bengal.
- Minimum Temperatures departures were below normal (-3.0°C to -1.6°C) at some places over Jammu-Kashmir-Ladakh, Gangetic West Bengal, Madhya Pradesh; at isolated places over East Uttar Pradesh, Jharkhand, Haryana, Odisha, Rayalaseema and Interior Karnataka. (**refer to ANNEXURE IV**)
- The **lowest minimum temperature** of 2.4°C was observed **at Itawa (Uttar Pradesh)** over the plains of India.

Forecast of minimum temperatures:

- Gradual fall in minimum temperatures by 2-3°C likely over Northwest India during next 4 days and no significant change thereafter for next 3 days.
- Gradual fall in minimum temperatures by 2-3°C likely over Central & East India during next 2 days and no significant change thereafter for next 5 days.
- No significant change in minimum temperature likely over remaining parts of India.

Dense Fog, Cold day & Cold wave Warnings:

- **Dense to Very dense** fog conditions very likely to continue during morning hours in isolated pockets over Punjab, Haryana, Chandigarh till 10th; East Uttar Pradesh and Madhya Pradesh till 08th January, 2026.
- **Dense fog** conditions also likely during morning hours in isolated pockets over Uttarakhand & Rajasthan till 08th; West Uttar Pradesh till 09th; Himachal Pradesh till 10th; East Uttar Pradesh during 09th-12th; Chhattisgarh, Sub-Himalayan West Bengal & Odisha till 07th; Gangetic West Bengal & Jharkhand till 06th; Bihar till 12th; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura till 10th January, 2026.
- **Cold day to severe cold day** conditions very likely in isolated pockets over East Rajasthan on 05th; **Cold day conditions** in isolated pockets over Jharkhand on 05th; East Rajasthan on 06th & 07th; West Rajasthan, Sub-Himalayan West Bengal during 05th-07th; Madhya Pradesh, Bihar & Gangetic West Bengal on 05th & 06th January, 2026.
- **Cold wave** conditions very likely in isolated pockets of Punjab, Haryana Chandigarh during 06th-09th; West Rajasthan during 08th-10th; East Rajasthan during 06th-10th; Chhattisgarh during 06th-08th; Jharkhand on 06th & 07th January 2026.

Fisherman Warning:

Fishermen are advised not to venture into the following areas during 05th January to 10th January, 2026:

- **Bay of Bengal:** Over Gulf of Mannar & adjoining, some parts of Comorin area during 05th to 10th January; along and off Sri Lanka coast during 05th to 10th January; over most parts of southwest Bay of Bengal during 05th to 10th January; many parts of southeast Bay of Bengal during 05th to 09th January; some parts of southeast Bay of Bengal on 09th January; some parts of westcentral Bay of Bengal on 08th & 09th January; along and off Tamil Nadu coast on 09th January.

- **Arabian Sea:** Along and off Somalia coast and adjoining sea areas during 05th to 07th January.

Weather conditions and forecast over Delhi/NCR during 05th -08th January, 2026 (ANNEXURE III)

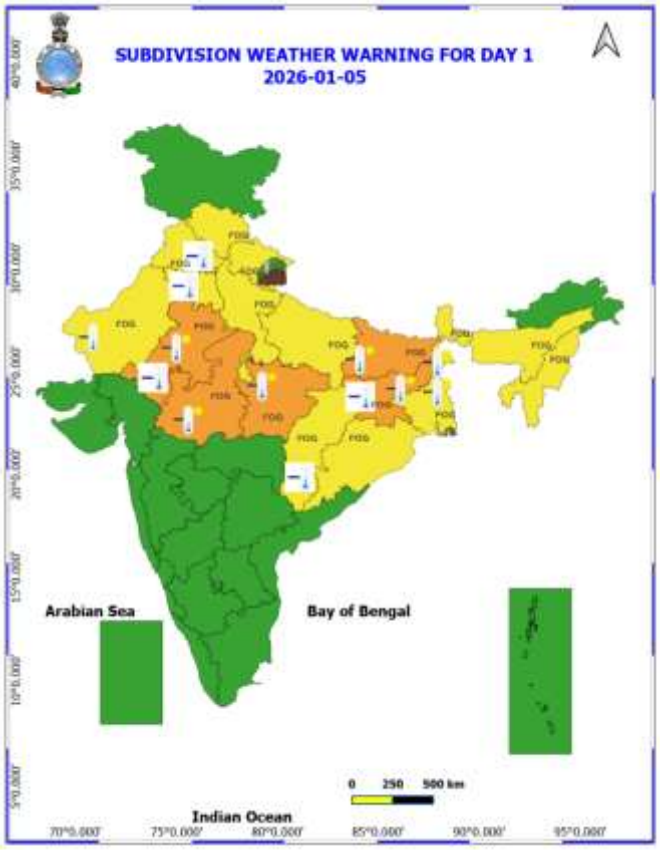
For more details, kindly refer National Weather Bulletin:
https://mausam.imd.gov.in/responsive/all_india_forcast_bulletin.php
For District wise warnings refer: https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php
For Fishermen warning refer https://rsmcnewdelhi.imd.gov.in/fishermen-warning.php

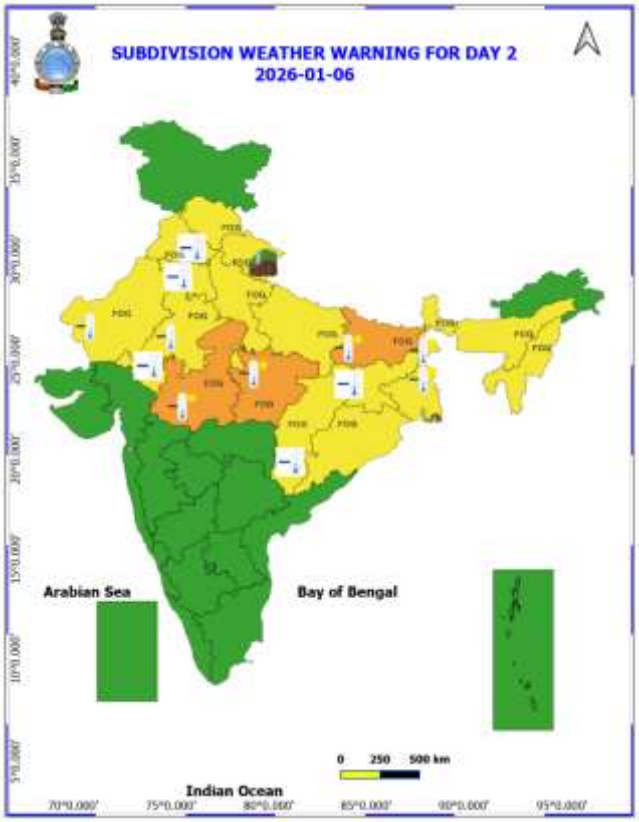
ANNEXURE I

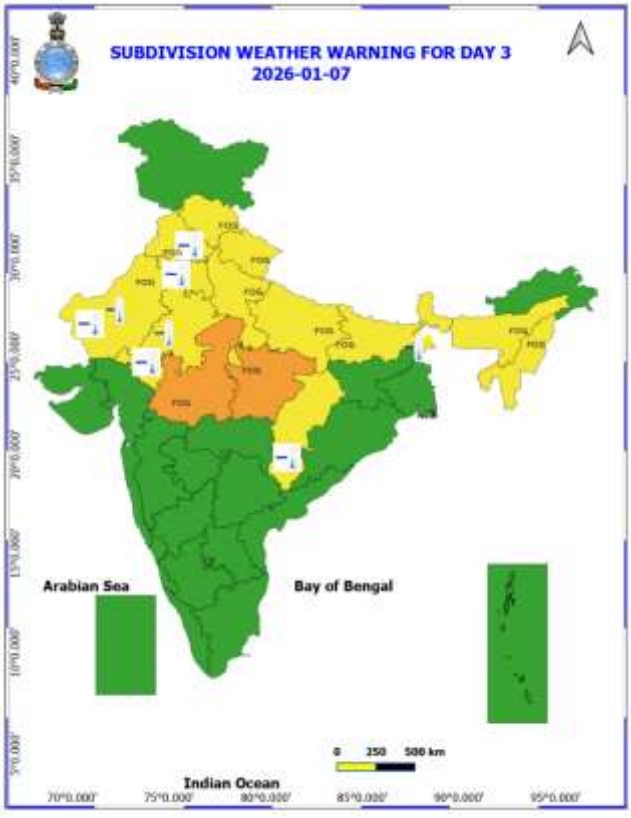
Table-1 7 Days Rainfall Forecast								
S.No.	Subdivision	5- Jan	6- Jan	7- Jan	8- Jan	9- Jan	10- Jan	11- Jan
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	DRY	ISOL	SCT	ISOL	DRY	DRY	DRY
2	ARUNACHAL PRADESH	ISOL	ISOL	DRY	DRY	DRY	DRY	ISOL
3	ASSAM & MEHGHALAYA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	ISOL	ISOL	DRY	DRY	DRY	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	DRY	DRY	DRY	DRY
10	EAST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
12	UTTARAKHAND	DRY	ISOL	DRY	DRY	DRY	DRY	DRY
13	HARYANA, CHANDIGARH & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	DRY	ISOL	DRY	DRY	DRY	DRY	DRY
16	JAMMU AND KASHMIR AND LADAKH	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	DRY	DRY	DRY	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	DRY	DRY	DRY	DRY	DRY	DRY	DRY
25	MARATHWADA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
27	CHHATTISGARH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
28	COASTAL ANDHRA PRADESH	DRY	DRY	DRY	DRY	ISOL	ISOL	DRY
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
30	RAYALASEEMA	DRY	DRY	DRY	DRY	ISOL	ISOL	DRY
31	TAMILNADU & PUDUCHERRY	DRY	DRY	ISOL	ISOL	SCT	SCT	SCT
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	DRY	DRY	DRY	DRY	ISOL	ISOL	DRY
35	KERALA AND MAHE	DRY	DRY	DRY	ISOL	SCT	SCT	ISOL
36	LAKSHADWEEP	SCT	DRY	DRY	DRY	SCT	SCT	SCT

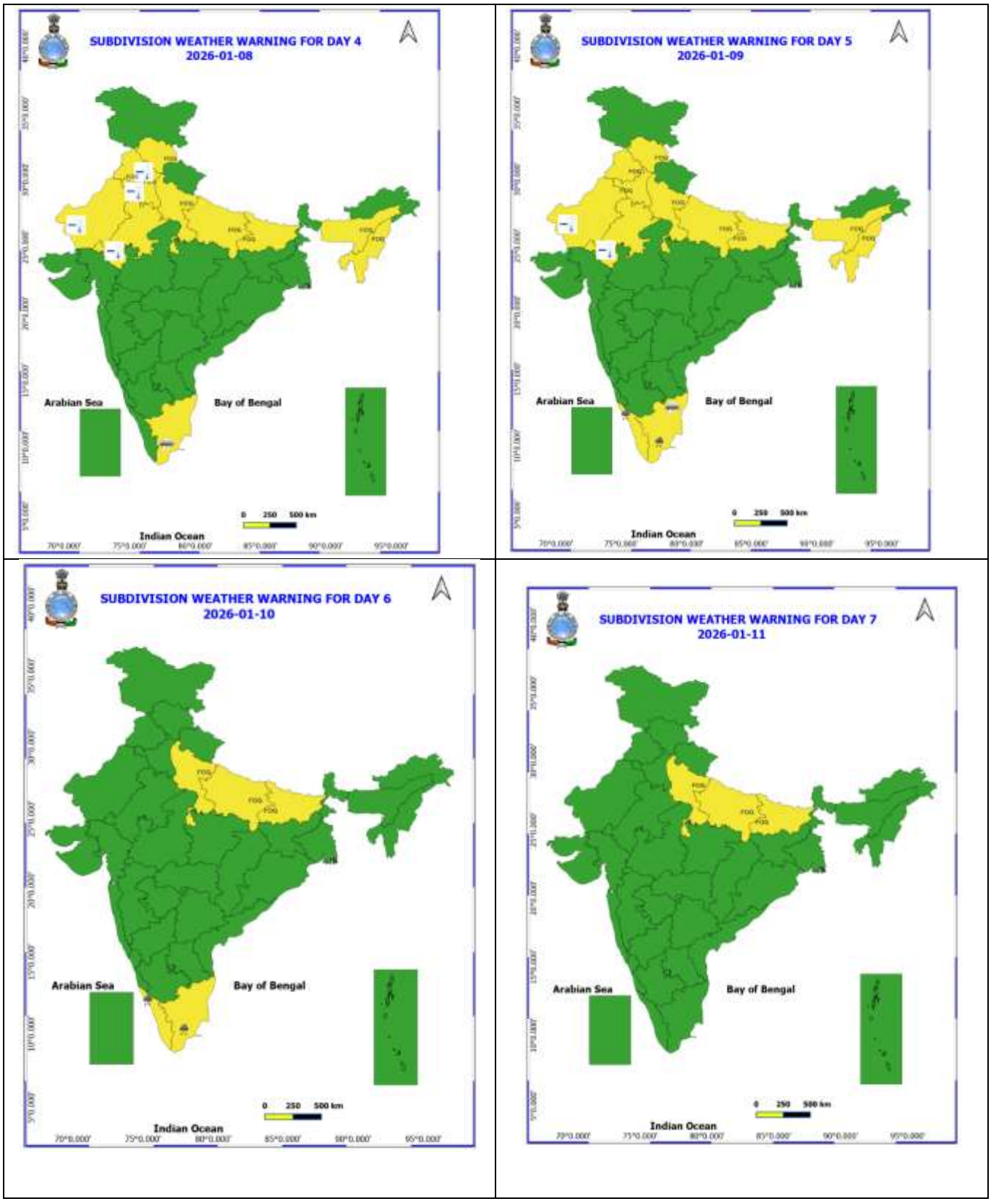
- **As the lead period increases forecast accuracy decrease.**

ANNEXURE II


SUBDIVISION WEATHER WARNING FOR DAY 1
2026-01-05
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km


SUBDIVISION WEATHER WARNING FOR DAY 2
2026-01-06
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km


SUBDIVISION WEATHER WARNING FOR DAY 3
2026-01-07
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km



- **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

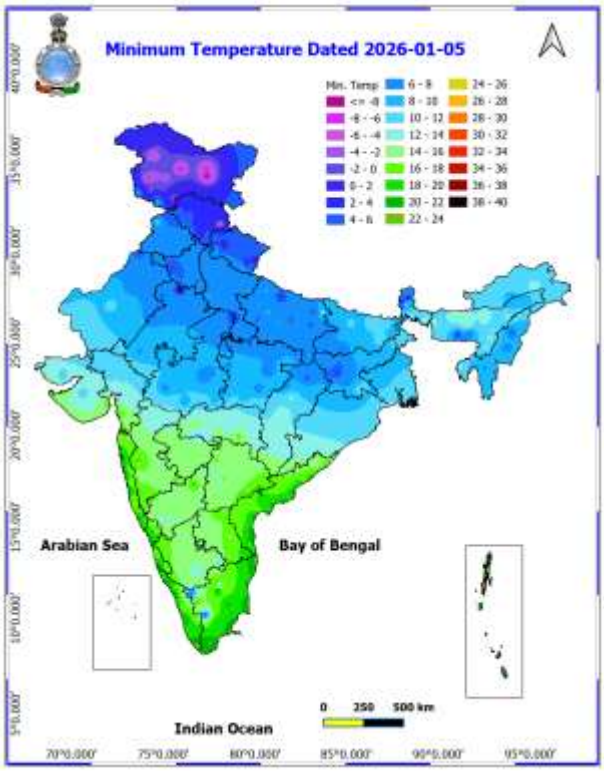
Weather forecast over Delhi/NCR during 05th January to 08th January 2026

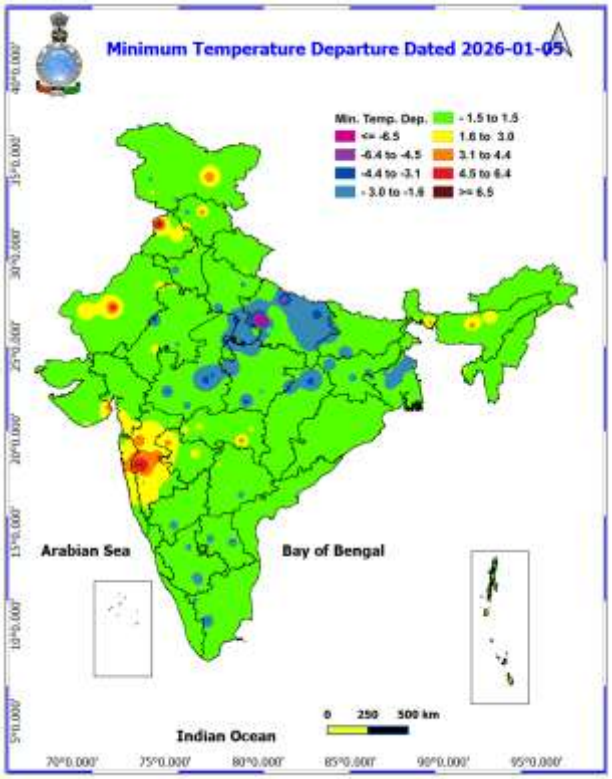
Past Weather:

There has been no significant change in the minimum and maximum temperatures over Delhi during the past 24 hours. The maximum and minimum temperatures over Delhi were around 16°C to 18°C and 5°C to 8°C, respectively. The minimum temperatures are below normal (-1.6°C to -3.0°C) at isolated places and normal (-1.5°C to 1.5°C) over the remaining parts of Delhi. The maximum temperatures were appreciably below normal (-3.1°C to -5.0°C) at isolated places, below normal (-1.6°C to -3.0°C) at a few places, and normal (-1.5°C to 1.5°C) over the remaining parts of Delhi. Partly cloudy sky conditions with predominant surface wind from the northwest direction, with a wind speed up to 14 kmph, prevailed during the past 24 hours. Partly cloudy sky conditions with wind speed reaching up to 16 kmph from the westerly direction prevailed over the region in the forenoon today.

Weather Forecast:

05.01.2026: Partly cloudy sky. Mist/Haze during the night. The maximum temperatures are likely to be in the range of 17°C to 19°C. The maximum temperatures will be below normal (-0.3°C to -2.3°C) over Delhi. The predominant surface wind is likely to be from the northwest direction with wind speeds up to 20 kmph during the afternoon hours. The wind speed will decrease, becoming less than 12 kmph from the northeast direction during the evening and night.
06.01.2026: Mainly clear sky. Shallow fog during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 18°C to 20°C and 6°C to 8°C respectively. The minimum and the maximum temperatures will be near normal over Delhi. The predominant surface wind is likely to be from the northwest direction with wind speed reaching up to 15 kmph during the morning hours. The wind speed will increase, becoming up to 22 kmph from the northwest direction in the afternoon. The wind speed will decrease, becoming less than 12 kmph from the northwest direction during the evening and night.
07.01.2026: Mainly clear sky. Shallow fog during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 18°C to 20°C and 6°C to 8°C respectively. The minimum and the maximum temperatures will be near normal over Delhi. The predominant surface wind is likely to be from the northwest direction, with wind speeds of up to 12 kmph during the morning hours. The wind speed is likely to be from the northwest direction with wind speeds up to 16 kmph during the afternoon. The wind speed will decrease, becoming less than 08 kmph from the northwest direction during the evening and night.
08.01.2026: Mainly clear sky. Shallow fog at many places with moderate fog at isolated places during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the ranges of 18°C to 20°C and 5°C to 7°C, respectively. The minimum temperatures will be below normal by up to 2°C, and the maximum temperatures will be near normal over Delhi. The predominant surface wind is likely to be from the northwest direction with wind speeds up to 12 kmph during the morning and afternoon hours. The wind speed will be less than 05 kmph from the northwest direction during the evening and night.





Impact expected due to dense/very dense fog in the night/morning hours: **Dense to Very dense** fog conditions very likely to continue during morning hours in isolated pockets over Punjab, Haryana, Chandigarh till 10th; East Uttar Pradesh, Madhya Pradesh till 08th January, 2026.
Dense fog conditions also likely during morning hours in isolated pockets over Uttarakhand & Rajasthan till 08th; West Uttar Pradesh till 09th; Himachal Pradesh till 10th; East Uttar Pradesh during 09th-12th; Chhattisgarh, Sub-Himalayan West Bengal & Odisha till 07th; Gangetic West Bengal & Jharkhand till 06th; Bihar till 12th; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura till 10th January, 2026.

❖ **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.

Impact expected due to Cold Wave conditions: **Cold wave** conditions in isolated pockets of Punjab, Haryana Chandigarh during 06th-09th; West Rajasthan during 08th-10th; East Rajasthan during 06th-10th; Chhattisgarh during 06th-08th; Jharkhand on 06th & 07th January 2026.

- 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.

Impact expected due to Cold Day conditions: **Cold day to severe cold day** conditions very likely in isolated pockets over East Rajasthan on 05th; **Cold day conditions** in isolated pockets over Jharkhand on 05th; East Rajasthan on 06th & 07th; West Rajasthan, Sub-Himalayan West Bengal during 05th-07th; Madhya Pradesh, Bihar & Gangetic West Bengal on 05th & 06th January, 2026.

- 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.
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- 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 Woolen clothing rather than one layer of heavy cloth.
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- 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 Cold Waves/ Ground Frost/ Low Temperatures

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

Livestock / Poultry

- Keep cattle inside the sheds during night and provide dry bedding to protect them from cold.
- Keep the chicks warm by providing artificial light in the poultry sheds.

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.

Legends & abbreviations:

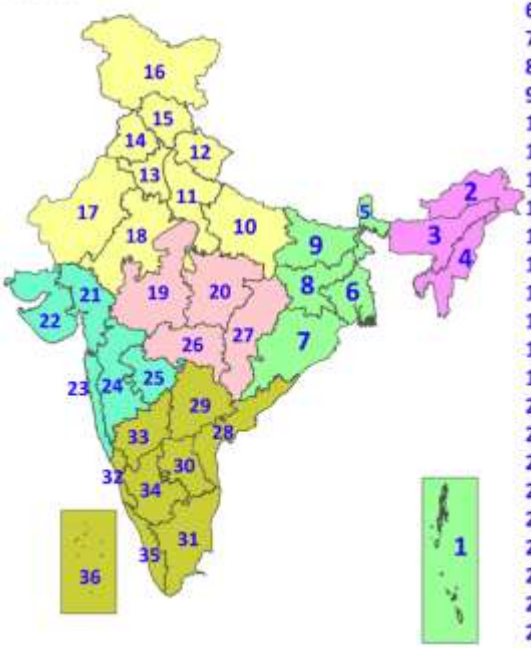
- **Heavy Rain:**64.5-115.5mm; **Very Heavy Rain:**115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District: **NH:** National Highway; **KVK**: Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO**: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