Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date:31st December, 2025
Time of Issue: 1400 hours IST

Subject: (i) Under the influence of Western Disturbance, light moderate rain/snow very likely over Western Himalayan region during next 2 days with isolated heavy falls over Kashmir valley on 31st December 2025.
(ii) Dense to Very dense fog conditions very likely to continue during night/morning hours over Odisha, Punjab, Haryana, Chandigarh & Delhi till 05th; East Uttar Pradesh till 02nd; West Rajasthan till 03rd 2026.
(iii) Cold day conditions very likely at isolated pockets over East Uttar Pradesh, West Bengal & Sikkim, Himachal Pradesh and Uttarakhand on 31st Dec; Punjab and Haryana Chandigarh & Delhi on 01st January; Bihar on 31st December and 01st January 2026.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 31st December, 2025:

- **Dense to very Dense fog (visibility <50 m) conditions** prevailed in some parts of Uttarakhand, Punjab, Uttar Pradesh, Odisha, Haryana, Meghalaya; **dense fog (visibility 50-199 m):** prevailed in isolated pockets of Jammu, Gangetic West Bengal, Bihar, Madhya Pradesh and Assam.
- **Visibility in meter reported (≤200 m): Jammu :** Jammu Airport(50M); **Uttarakhand:** Haridwar(30M), Katima(100M); **Punjab:** Amritsar, Ludhiana, Patiala, Halwara-(0M); **Haryana Chandigarh & Delhi:** Ambala, Hisar, Bhiwani (0M);**West Uttar Pradesh:** Hindon(IAF), Saharanpur IAF & Agra IAF-(0M), Agra Taj-(20M), Hamirpur, Bareilly & Aligarh-(30M), Ams Aligarh, Etawah & Shahjahanpur-(50M), Meerut-(100M); **East Uttar Pradesh:** Barabanki & Prayagraj(IAF)-(0M), Fatehpur & Kanpur City-(10M), Fursatganj & Prayagraj-(20M), Fatehgarh, Lucknow AP & Varanasi AP-(50M), Varanasi Bhu & Hardoi-(60M), Sultanpur-(80M), Gorakhpur Oby-(150M); **West Madhya Pradesh:** Gwalior (0M),Datia(50M); **East Madhya Pradesh:** Khajuraho (50M) , Satna (50M);**Delhi:** Safdarjung(50M), Palam(50M); **Assam & Meghalaya:** Shillong (30M), Dibrugarh (100M), Tezpur (100M),Sohra (100M)
- **Cold day to severe cold day conditions** prevailed at some parts over East Uttar Pradesh and **cold day conditions prevailed** at isolated pockets of Bihar and West Uttar Pradesh.
- **Cold wave conditions** observed at isolated places over Telangana.

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

- The **Western disturbance** now seen as an upper air cyclonic circulation over north Pakistan and adjoining Afghanistan in lower tropospheric level with a trough aloft in middle tropospheric level with its axis in middle tropospheric level roughly along Long. 60°E to the north of Lat. 28°N.
- An induced **upper air cyclonic circulation** lies over north Haryana & neighbourhood extends in lower tropospheric level.
- **Subtropical westerly Jet Stream** with core winds of the order of 150 knots at 12.6 km above mean sea level prevails over south Punjab and neighbourhood.
- An **upper air cyclonic circulation** lies over southwest Bay of Bengal off Sri Lanka coasts extends in lower tropospheric level.

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

- **Fairly widespread to widespread** heavy rainfall/snowfall very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 31st December and 1st January and scattered to fairly widespread light/moderate rainfall/snowfall over Himachal Pradesh and Uttarakhand during 31st December-02nd January 2026.

- **Isolated heavy rainfall/snowfall** very likely over Kashmir valley on 31st December, 2025.
- **Isolated to scattered** light rainfall likely over Punjab, Haryana Chandigarh and Rajasthan on 31st & 01st January and west Uttar Pradesh & Delhi on 1st January 2026.
- **Isolated Thunderstorm and lightning** likely over gusty wind speed (30-40kmph) likely to prevail over Andaman & Nicobar Islands and Tamilnadu during 31st Dec & 01stJan 2026 and heavy rainfall likely over Tamilnadu on 31st December 2025.

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

- **Minimum temperatures were below 4°C** at many places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; **in the range of 4°-10°C** at many places over Himachal Pradesh, Uttarakhand, Madhya Pradesh, north Rajasthan, Uttar Pradesh, Gangetic West Bengal, Odisha at isolated places over Madhya Maharashtra, Bihar, Jharkhand, Chhattisgarh, Meghalaya and Telangana.
- Minimum Temperatures departures were **appreciably below normal** (-5.0°C to -3.1°C) at few places over Gangetic West Bengal; at isolated places over Central parts of East Madhya Pradesh; isolated in North Interior Odisha, Chhattisgarh, Jharkhand North Interior Karnataka and Telangana and were below normal (-3.0°C to -1.6°C) at isolated places over Uttar Pradesh, Interior Karnataka and Madhya Maharashtra and Konkan & Goa. (**refer to ANNEXURE IV**)
- The **lowest minimum temperature** of 4.2°C was observed over **Rohtak (Haryana), Ambikapur (Chhattisgarh) Khajuraho (East Madhya Pradesh)** over the plains of India.

Forecast of minimum temperatures:

- Gradual rise in minimum temperature very likely over northwest India by 2-4°C during next 2 days and thereafter fall by 2-4°C for subsequent 3 days and thereafter no significant change.
- Gradual rise in minimum temperature very likely over Central India by 2-3°C during next 3 days and thereafter fall by 2-4°C for the subsequent days.
- Gradual rise in minimum temperature very likely over East India by 2-3°C during next 3 days and no significant change thereafter.
- No significant change in minimum temperature likely over Maharashtra during 2 days and thereafter rise by 2-3°C for subsequent 4 days and thereafter rise over south Maharashtra by 2-3°C for subsequent 4 days.
- No significant change in minimum temperature likely over Gujarat for next 24 hours and thereafter fall by 2-3°C for subsequent 2 days and thereafter rise by 2-3°C for subsequent 5 days.
- No significant change in minimum temperature likely over northeast India during next 7days.

Dense Fog, Cold wave & Cold day Warnings:

- **Dense to Very dense** fog conditions very likely to continue during night/morning hours over Odisha, Punjab, Haryana, Chandigarh & Delhi till 05th; East Uttar Pradesh till 02nd; West Rajasthan till 03rd 2026.
- **Dense fog** conditions also likely during night/morning hours at isolated pockets Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Jharkhand till 02nd; over Himachal Pradesh, Uttarakhand, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura till 05th ; Uttar Pradesh, Bihar, Punjab and Haryana, Chandigarh & Delhi till 7th ; west Rajasthan till 04th ; East Rajasthan during 02nd -04th; Madhya Pradesh till 01st and during 04th & 05th ; Gangetic West Bengal till 03rd January 2026.
- **Cold day conditions** very likely at isolated pockets over East Uttar Pradesh, West Bengal & Sikkim, Himachal Pradesh and Uttarakhand on 31st Dec; Punjab and Haryana Chandigarh & Delhi on 01st January; Bihar on 31st December and 01st January 2026.
- **Cold wave** conditions very likely in isolated pockets of Himachal Pradesh during 02nd-04th; Punjab and Haryana Chandigarh & Delhi during 03rd-05th; Rajasthan on 05th & 06th ; Telangana on 01st January 2026.

Fisherman Warning:

Fishermen are advised not to venture into the following areas during 31st December to 05th January, 2026:

- **Bay of Bengal:** Over Gulf of Mannar & adjoining, some parts of Comorin area during on 02nd to 05th January 2026; along and Somalia coast during 01st to 05th January 2026; along and off north Oman coast on 31st December 2025.

Weather conditions and forecast over Delhi/NCR during 31st December-03rd January, 2025 (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

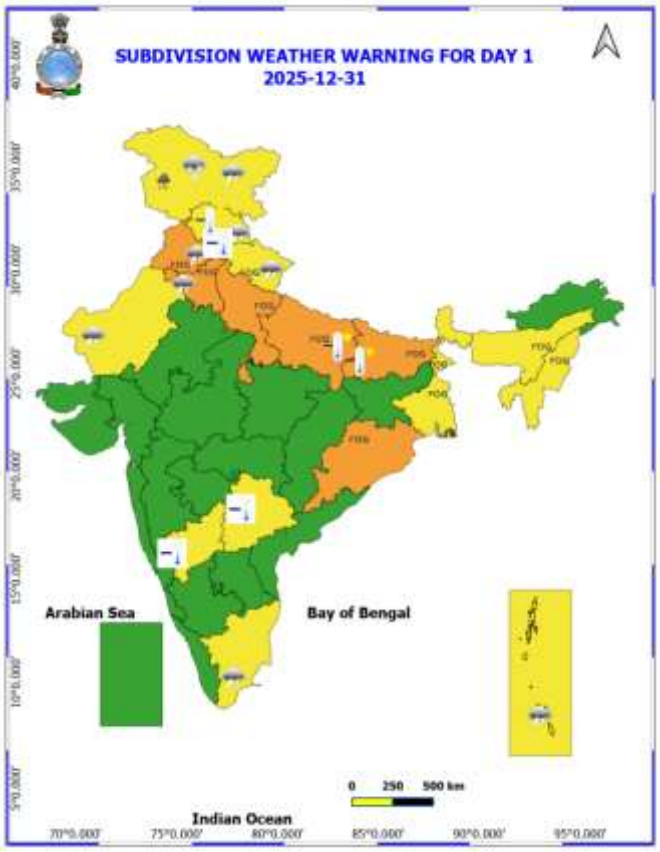
ANNEXURE I

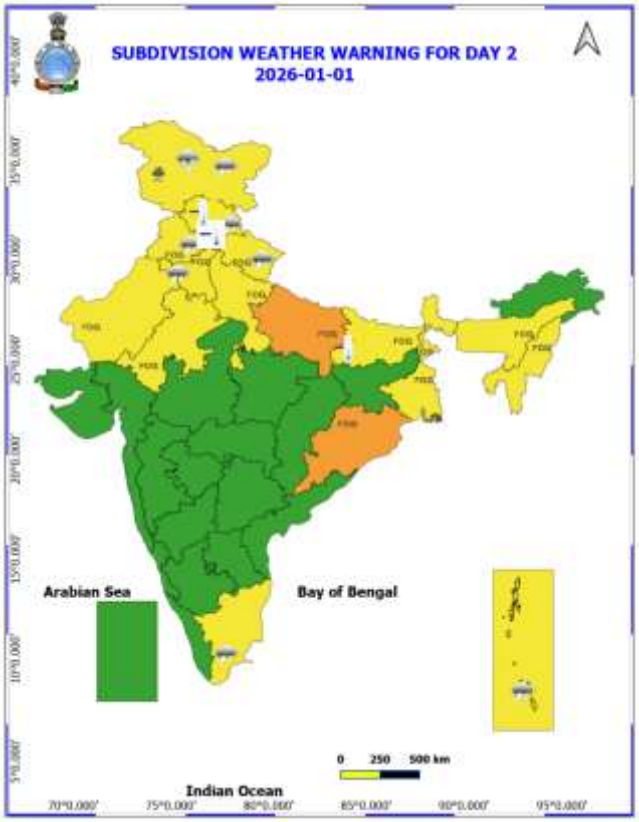
Table-1
7 Days Rainfall Forecast

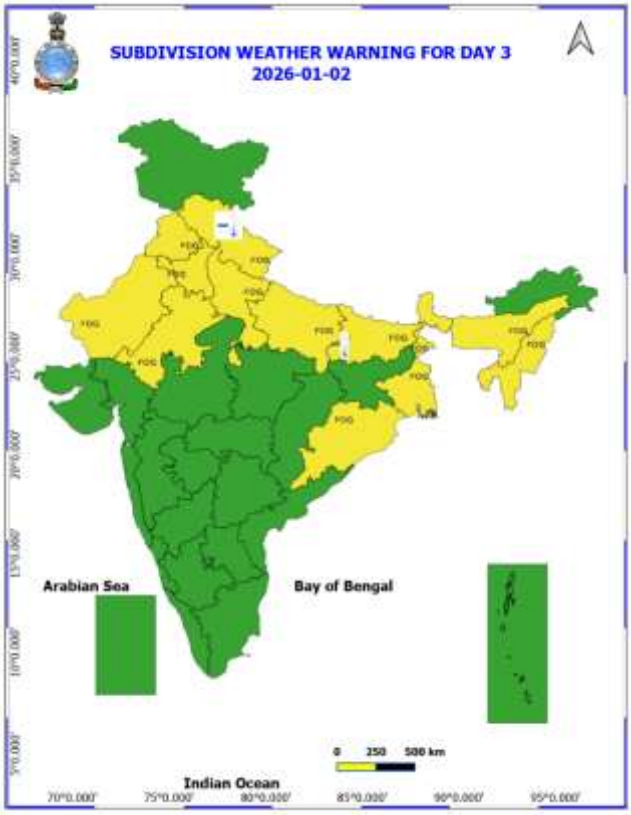
S.No.	Subdivision	31- Dec	1- Jan	2- Jan	3- Jan	4- Jan	5- Jan	6- Jan
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
2	ARUNACHAL PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
3	ASSAM & MEHGHALAYA	DRY	DRY	DRY	ISOL	ISOL	DRY	DRY
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	ISOL	ISOL	SCT	ISOL	ISOL	ISOL	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	DRY	DRY	DRY	DRY	DRY
10	EAST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	DRY	ISOL	DRY	DRY	DRY	DRY	DRY
12	UTTARAKHAND	SCT	SCT	ISOL	DRY	DRY	DRY	DRY
13	HARYANA, CHANDIGARH & DELHI	SCT	SCT	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	SCT	SCT	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	SCT	FWS	ISOL	DRY	DRY	ISOL	ISOL
16	JAMMU AND KASHMIR AND LADAKH	[illegible]	FWS	ISOL	DRY	DRY	ISOL	SCT
17	WEST RAJASTHAN	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	ISOL	ISOL	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	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	ISOL	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	DRY	DRY	DRY
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
30	RAYALASEEMA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
31	TAMILNADU & PUDUCHERRY	ISOL	SCT	ISOL	ISOL	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	DRY	DRY	DRY	DRY	DRY	DRY	DRY
35	KERALA AND MAHE	ISOL	ISOL	ISOL	ISOL	DRY	DRY	DRY
36	LAKSHADWEEP	SCT	SCT	SCT	SCT	DRY	DRY	DRY

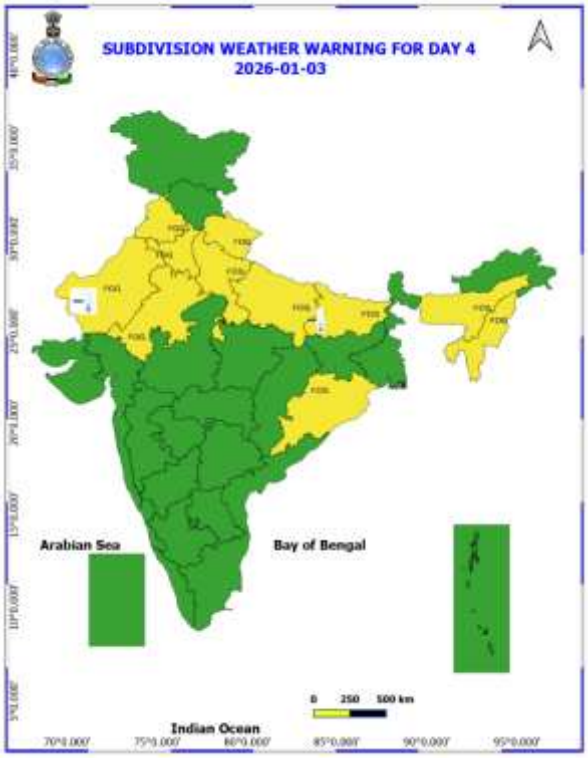
- **As the lead period increases forecast accuracy decrease**

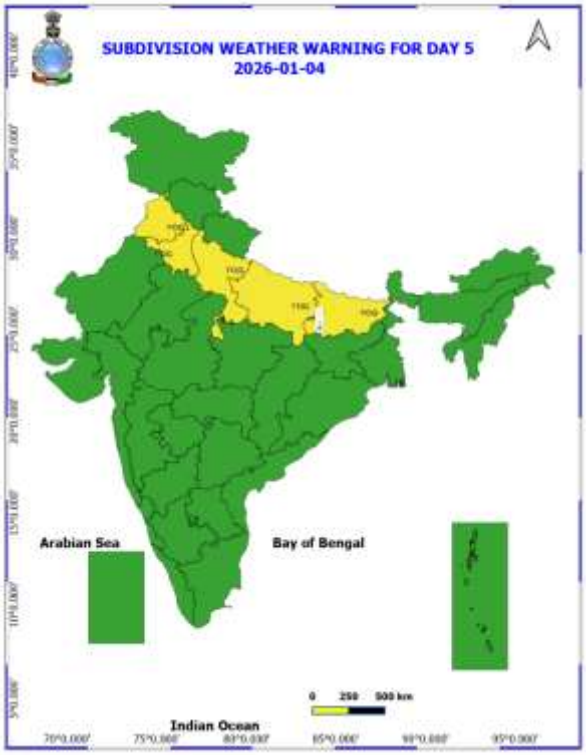
ANNEXURE II

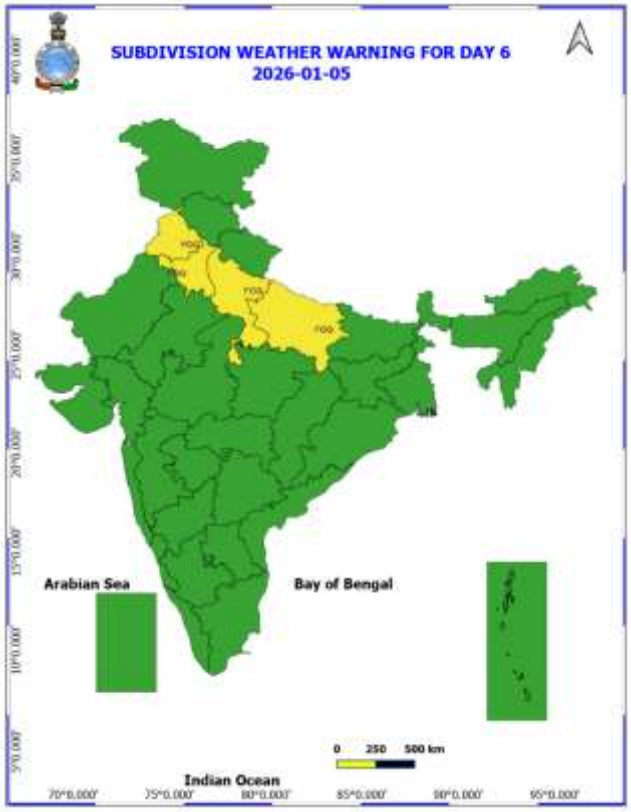

SUBDIVISION WEATHER WARNING FOR DAY 1
2025-12-31
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km

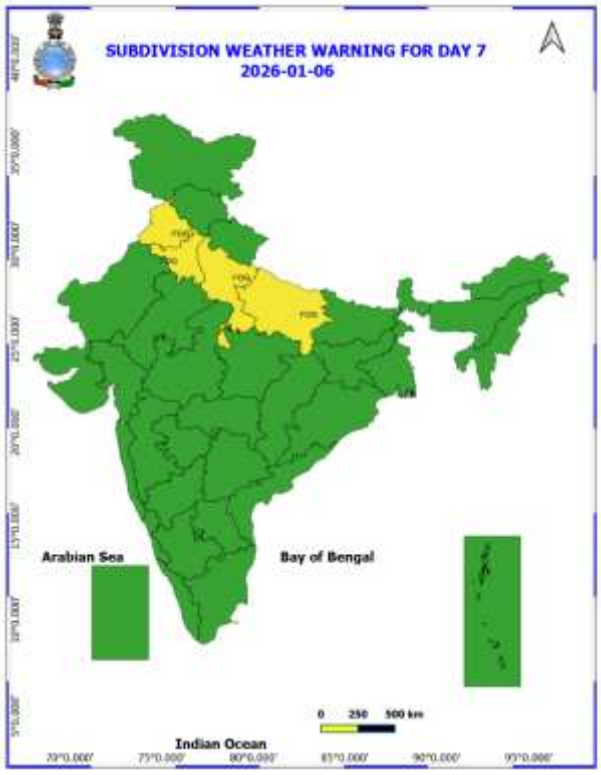

SUBDIVISION WEATHER WARNING FOR DAY 2
2026-01-01
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km


SUBDIVISION WEATHER WARNING FOR DAY 3
2026-01-02
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 31st December to 03rd January 2026

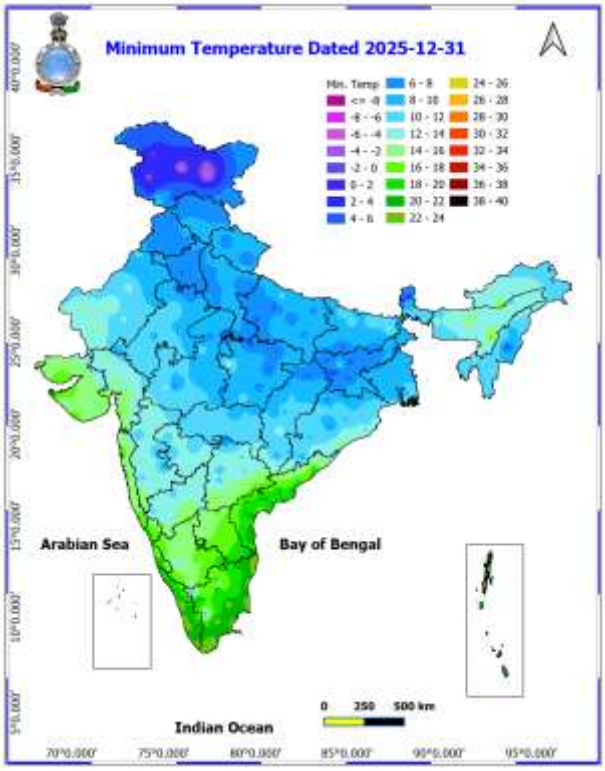
Past Weather:

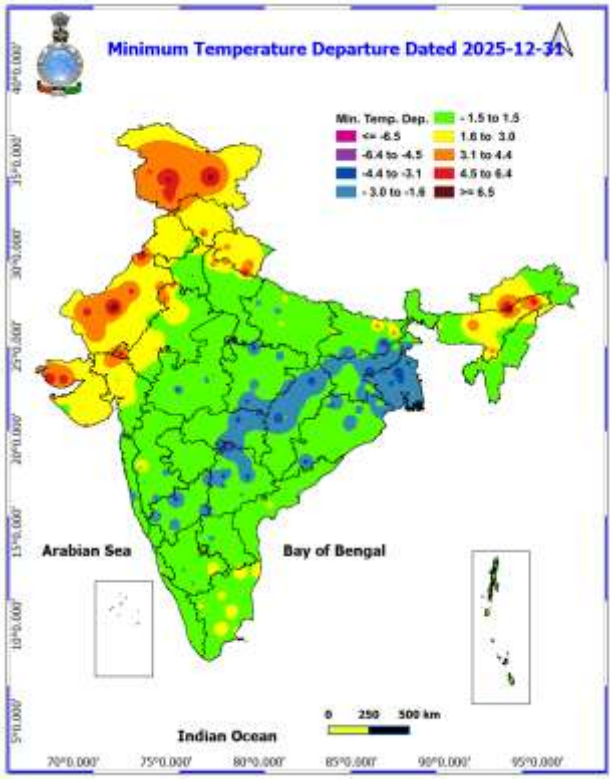
There has been a fall in minimum temperature by 1-3°C and rise in maximum temperatures by about 1-2°C during the past 24 hours over Delhi. The maximum and minimum temperatures over Delhi were around 17°C to 22°C and 06°C to 08°C respectively. The minimum temperatures are normal (-1.5°C to 1.5°C) at most places over Delhi. The maximum temperatures were below normal (-1.6 to -3.0°C) at isolated places and above normal (1.6 to 3.0°C) at isolated places and normal (-1.5°C to 1.5°C) over remaining places of Delhi. Safdarjung reported lowest visibility 050m in dense fog from 0630 to 0730 IST which thereafter improved to 100m at 0800 IST of today, 31.12.2025. Palam reported lowest visibility 050m from 0400 to 0730 IST in dense fog which thereafter improved to 150m at 0800 IST of today, 31.12.2025. Partly cloudy sky with moderate to dense fog predominant surface wind from the southwest direction with a wind speed up to 16 kmph prevailed during the past 24 hours. Partly cloudy sky. Moderate to dense fog till forenoon and wind reaching up to 12 kmph from the southeast direction prevailed over the region in the forenoon today.

Weather Forecast:

31.12.2025: Partly cloudy sky. Cold day at isolated places. Mist/shallow fog during evening/night. The maximum temperatures are likely to be in the range of 14°C to 16°C. Maximum temperatures will be appreciably below normal over Delhi. The predominant surface wind is likely to be from the southeast direction associated with wind speeds less than 10 kmph during the afternoon hours. The wind speed will decrease, becoming less than 05 kmph from the east direction during evening and night.
01.01.2026: Generally cloudy sky. Possibility of very light to light rain at isolated places. Shallow to moderate fog during morning hours. The maximum and minimum temperatures in Delhi are likely to be in the ranges of 14°C to 16°C and 9°C to 11°C, respectively. The minimum temperature will be above normal (2°C to 4°C) and the maximum temperatures will be appreciably below normal over Delhi. The predominant surface wind is likely to be from the southeast direction associated with calm wind becoming upto 05 kmph during the morning hours. The wind speed will increase becoming less than 10 kmph from the northeast direction in the afternoon hours. The wind speed will decrease becoming less than 05 kmph from the north direction during evening and night.
02.01.2026: Partly cloudy sky. Moderate fog at many places with dense fog at a few places during morning hours. The maximum and minimum temperatures in Delhi are likely to be in the ranges of 16°C to 18°C and 09°C to 11°C, respectively. The minimum temperature will be above normal (2°C to 4°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 less than 10 kmph during the morning hours. The wind speed will increase becoming 12 kmph from the northwest direction in the afternoon. The wind speed will decrease becoming less than 05 kmph from the west-northwest direction during evening/night.
03.01.2026: Mainly clear sky. Moderate fog at many places with dense fog at a few places during morning hours. The maximum and minimum temperatures in Delhi are likely to be in the ranges of 16°C to 18°C and 07°C to 09°C, respectively. The minimum temperatures 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 gradually increasing reaching up to 10 kmph during the morning hours. The wind speed will decrease becoming less than 05 kmph from the northwest direction in the afternoon and upto 05 kmph from the west direction during the evening/night.

ANNEXURE IV





Impact expected due to dense/very dense fog in the night/morning hours:

- **Dense to Very dense** fog conditions very likely to continue during night/morning hours over Odisha, Punjab, Haryana, Chandigarh & Delhi till 05th; East Uttar Pradesh till 02nd; West Rajasthan till 03rd 2026.
- **Dense fog** conditions also likely during night/morning hours at isolated pockets Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Jharkhand till 02nd; over Himachal Pradesh, Uttarakhand, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura till 05th ; Uttar Pradesh, Bihar, Punjab and Haryana, Chandigarh & Delhi till 7th ; west Rajasthan till 04th ; East Rajasthan during 02nd -04th; Madhya Pradesh till 01st and during 04th & 05th ; Gangetic West Bengal till 03rd 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:** very likely in isolated pockets of Himachal Pradesh during 02nd-04th; Punjab and Haryana Chandigarh & Delhi during 03rd-05th; Rajasthan on 05th & 06th ; Telangana on 01st 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 conditions** very likely at isolated pockets over East Uttar Pradesh, West Bengal & Sikkim, Himachal Pradesh and Uttarakhand on 31st Dec; Punjab and Haryana Chandigarh & Delhi on 01st January; Bihar on 31st December and 01st 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 Woolen clothing rather than one layer of heavy cloth.
- Eat vitamin-C rich fruits & vegetable and drink sufficient fluids preferably warm fluids to maintain adequate immunity.
- Avoid or limit outdoor activities.
- Keep dry, if wet, change cloths immediately to prevent loss of body heat. Wear insulated/waterproof shoes.
- Warm the affected area of the body slowly with lukewarm water; do not rub the skin vigorously.
- If the affected skin area turns black, immediately consult a doctor.
- Maintain ventilation while using Heaters to avoid inhaling toxic fumes.
- Take safety measures while using electrical and gas heating devices.
- Extreme care needed for vulnerable people.
- Seek medical attention as soon as possible for someone suffering from frostbite/ Hypothermia.
- Protect livestock from cold weather.

Agromet advisories for likely impact of Cold Waves / Low Temperatures

- In **Himachal Pradesh, Madhya Pradesh, Chhattisgarh, Jharkhand, North Interior Karnataka** and **Telangana,** apply light and frequent irrigation to the standing crops in the evening to protect the crops from low temperature stress. 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:

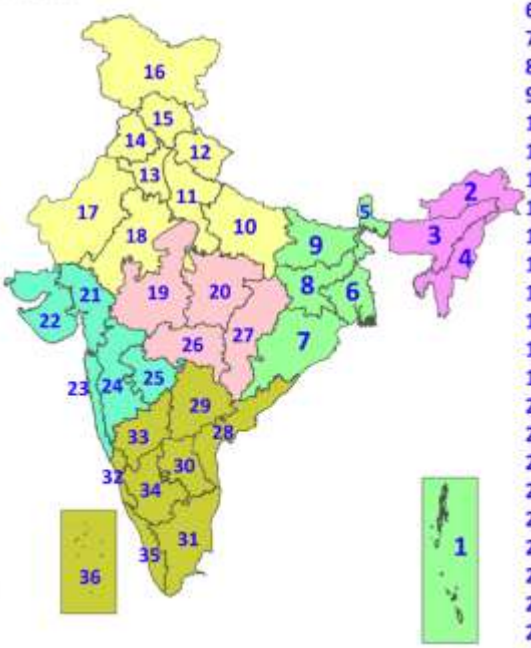
- **Heavy Rain:**64.5-115.5mm; **Very Heavy Rain:**115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District: **NH:** National Highway; **KVK**: Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO**: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