Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date:22nd January 2026
Time of Issue: 1400 hours IST

Subject: (i) Due to an intense Western disturbance heavy rainfall/ snowfall accompanied with Hailstorm, lightning & gusty winds likely at isolated places over Western Himalayan region on 22nd & 23rd January, 2026. Light to moderate rainfall also likely at a few places over the plains of northwest India during the same period.

(ii) Another intense Western Disturbance likely to affect northwest India from 26th to 28th January, 2026.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 22nd January, 2026:

- **Dense to Very Dense fog (visibility <200 m) conditions** prevailed in some parts of Punjab and Haryana and dense fog prevailed over isolated places over Uttar Pradesh, Sub-Himalayan West Bengal and Meghalaya.
- **Visibility reported (in meters ≤200 m): Meghalaya:** Barapani (100); **Punjab:** Patiala (20)/Amritsar (50); Ludhiana (50); **Haryana:** Bhiwani (20), Karnal (20); **West Uttar Pradesh:** Agra (IAF) (100); Sub-Himalayan West Bengal: Jalpaiguri (50).
- **Cold wave to Severe cold wave conditions** at isolated places over Himachal Pradesh & **Cold wave conditions** prevailed in some parts of Punjab.
- **Ground frost conditions** have been observed in isolated pockets of Uttarakhand.

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

- **Minimum temperatures** were **1-4°C** at many places over Himachal Pradesh and north Punjab; at some places over Jammu division and isolated places over Uttarakhand, north Haryana & Sub-Himalayan West Bengal **5°-9°C** at remaining places of Punjab & Haryana, many places over Delhi and Uttar Pradesh and at isolated places over Madhya Pradesh and North Rajasthan, Bihar, Jharkhand, Manipur, Meghalaya and Mizoram. 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 Jammu-Kashmir, Himachal Pradesh, Rajasthan, Central India and adjoining western India, Bihar, Odisha, Gangetic West Bengal, Assam & Meghalaya and Arunachal Pradesh and below normal at isolated pockets of (-2°C to -4°C) over Haryana, Telangana, Rayalaseema, Coastal Andhra Pradesh & Yanam, Interior Karnataka and Tamil Nadu and near normal over rest parts of the country. (**refer to ANNEXURE IV**)
- The **lowest minimum temperature** of 3.4 °C was observed at Amritsar **(Punjab)** over the plains of India.

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

- The **Western disturbance** seen as a Trough in middle & upper Tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 60°E to the north of Lat. 25°N.
- The **upper air cyclonic circulation** over northeast Assam in lower tropospheric level.
- **Subtropical westerly Jet Stream** with core winds of the order of 110 knots at 12.6 km above mean sea level prevails over Northeast India.
- The **upper air cyclonic circulation** over southeast Arabian sea and adjoining Lakshadweep in lower tropospheric level.
- A **fresh western disturbance** is likely to affect northwest India from 26th January 2026.

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

- Fairly widespread to widespread rainfall/snowfall over Jammu-Kashmir-Ladakh, Himachal Pradesh and Uttarakhand on 22nd & 23rd January**.**

- Fairly widespread to widespread light to moderate rainfall over Punjab on 22nd & 23rdwith isolated/scattered light to moderate rainfall over Haryana Chandigarh & Delhi, West Uttar Pradesh and Rajasthan on 22nd & 23rd and East Uttar Pradesh on 23rd & 24th January.
- Thunderstorm activity accompanied with **lightning & wind speed reaching 40-50 kmph gusting to 60 kmph** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Punjab and Rajasthan on 22nd and 23rd; Uttarakhand, Haryana, Chandigarh, Delhi and Uttar Pradesh on 23rd January.
- **Isolated heavy rainfall/snowfall** over Kashmir valley on 22nd & 23rd and higher reaches of Himachal Pradesh and Uttarakhand on 23rd and heavy rainfall over Punjab on 23rd January.
- **Hailstorm activity** likely over Himachal Pradesh, Uttarakhand, Haryana and West Uttar Pradesh on 23rd; Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab and north Rajasthan on 22nd & 23rd January.
- **Thunderstorm activity accompanied with lightning** also likely over Gujarat Region and Saurashtra & Kutch on 22nd; Tamil Nadu, Puducherry & Karaikal on 25th & 26th and over Kerala & Mahe on 26th with isolated heavy rain likely over Tamil Nadu, Puducherry & Karaikal on 25th January.

Forecast of minimum temperatures:

- Rise in minimum temperatures by 2-4°C likely over Northwest India during next 24 hours; gradual fall by 2-4°C during subsequent 2 days and rise by 2-4°C thereafter during subsequent next 4 days.
- Rise in minimum temperatures by 2-3°C likely over Central India during next 24 hours; gradual fall by 3-4°C during subsequent 2 days and rise by 2-3°C during subsequent 2 days and no significant change thereafter.
- Rise in minimum temperatures by 2-3°C likely over Maharashtra during next 24 hours; gradual fall by 2-3°C during subsequent 2 days and rise by 2-3°C during subsequent 3 days and no significant change thereafter.
- No significant change in minimum temperatures likely over Gujarat during next 24 hours and gradual fall by 2-3°C during subsequent 2 days and gradual rise by 2-4°C thereafter during subsequent next 4 days.

- No significant change in minimum temperatures likely over rest parts of the country.

Dense Fog & Cold wave Warnings:

- **Dense to very dense fog** conditions likely during morning/ night hours in isolated pockets over Punjab and Haryana & Chandigarh on 25th & 26th **and dense fog conditions** at isolated places over 24th & 25th January.
- **Dense fog** conditions also likely during morning/night hours in isolated pockets over Rajasthan during 24th -26th; Sub-Himalayan West Bengal & Sikkim till 24th January.
- **Cold day** conditions likely during in isolated pockets over Himachal Pradesh and Uttarakhand on 23rd January

Fisherman Warning:

Fishermen are advised not to venture into the following areas during 22nd January to 27th January, 2026:

- **Bay of Bengal:** No Warning.
- **Arabian Sea:** Over north Arabian Sea from 22nd to 24th January, along and off North Gujarat Coast and Oman coast. On 23rd, January, western parts of west central and adjoining southwest Arabian Sea. Over Few parts of Southwest Arabian Sea, along and off Somalia coast; On 24th January, 2026.

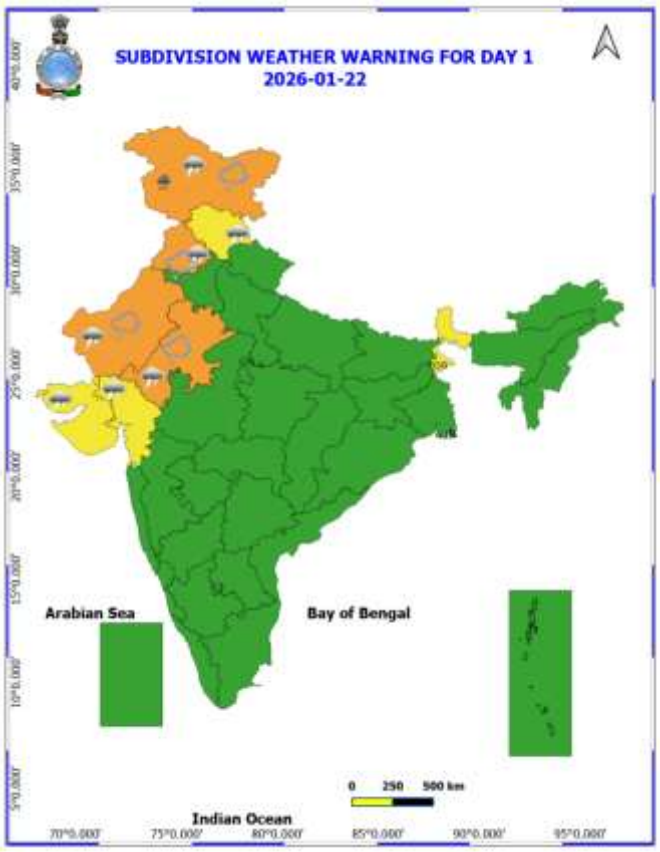
Weather conditions and forecast over Delhi/NCR during 22nd -25th January, 2026 (ANNEXURE III) For more details, kindly refer National Weather Bulletin:
https://mausam.imd.gov.in/responsive/all_india_forcast_bulletin.php
For District wise warnings refer: https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php
For Fishermen warning refer https://rsmcnewdelhi.imd.gov.in/fishermen-warning.php

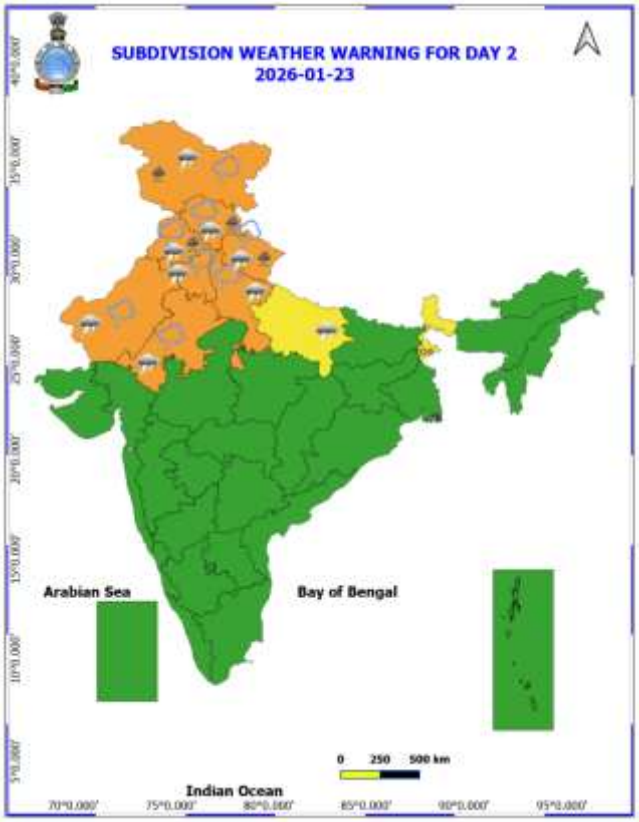
ANNEXURE I

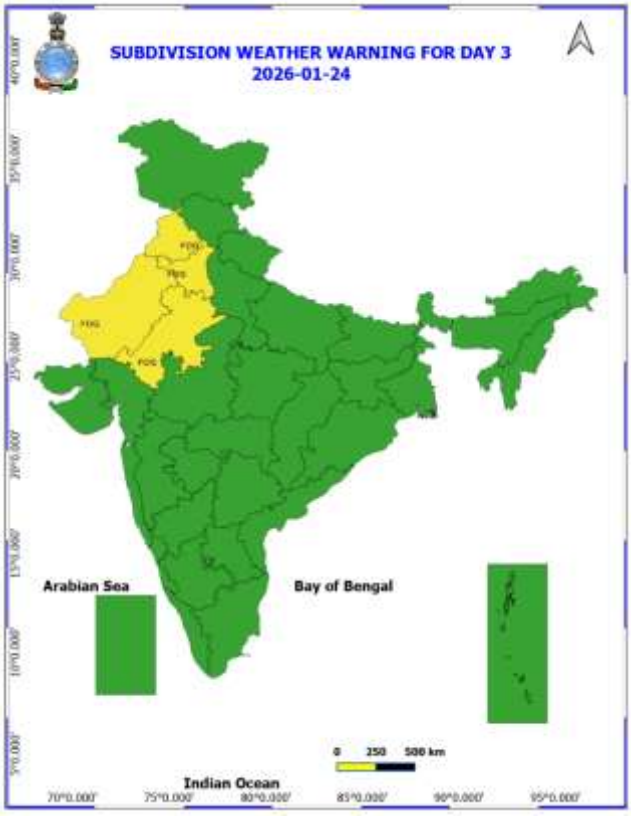
Table-1 7 Days Rainfall Forecast								
S.No.	Subdivision	22- Jan	23- Jan	24- Jan	25- Jan	26- Jan	27- Jan	28- Jan
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	SCT	ISOL	ISOL	ISOL	ISOL	DRY	DRY
2	ARUNACHAL PRADESH	DRY	DRY	ISOL	ISOL	ISOL	DRY	DRY
3	ASSAM & MEHGHALAYA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	DRY	ISOL	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	DRY	DRY	DRY	DRY	DRY
10	EAST UTTAR PRADESH	DRY	SCT	ISOL	DRY	DRY	ISOL	ISOL
11	WEST UTTAR PRADESH	ISOL	FWS	DRY	DRY	DRY	SCT	SCT
12	UTTARAKHAND	ISOL	WS	ISOL	ISOL	ISOL	SCT	FWS
13	HARYANA, CHANDIGARH & DELHI	SCT	FWS	ISOL	DRY	DRY	SCT	FWS
14	PUNJAB	FWS	WS	ISOL	DRY	ISOL	SCT	FWS
15	HIMACHAL PRADESH	FWS	WS	ISOL	DRY	SCT	FWS	FWS
16	JAMMU AND KASHMIR AND LADAKH	WS	WS	SCT	ISOL	FWS	WS	SCT
17	WEST RAJASTHAN	SCT	ISOL	DRY	DRY	ISOL	ISOL	DRY
18	EAST RAJASTHAN	ISOL	ISOL	DRY	DRY	ISOL	ISOL	DRY
19	WEST MADHYA PRADESH	DRY	ISOL	DRY	DRY	DRY	ISOL	ISOL
20	EAST MADHYA PRADESH	DRY	ISOL	DRY	DRY	DRY	ISOL	ISOL
21	GUJRAT REGION	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	ISOL	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	DRY	DRY	DRY	DRY	DRY	DRY	DRY
31	TAMILNADU & PUDUCHERRY	DRY	ISOL	ISOL	SCT	ISOL	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	DRY	DRY	ISOL	ISOL	SCT	ISOL	DRY
36	LAKSHADWEEP	DRY	DRY	DRY	DRY	SCT	SCT	DRY

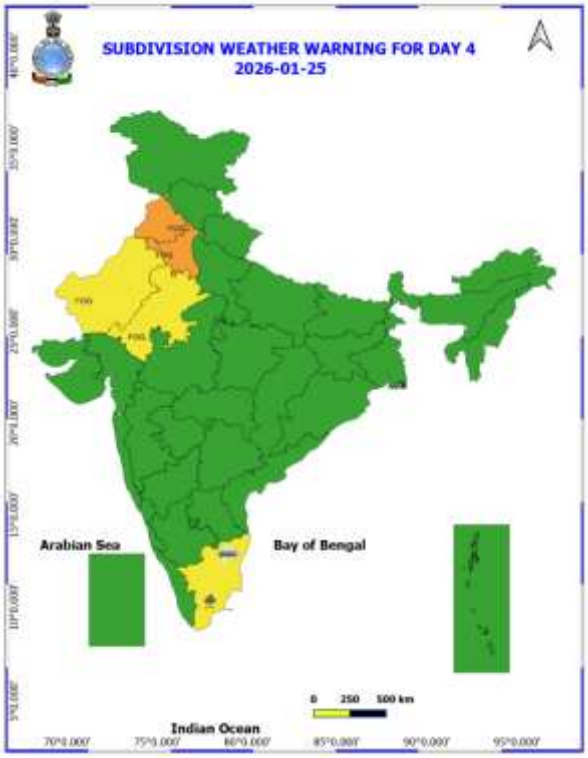
- **As the lead period increases forecast accuracy decrease.**

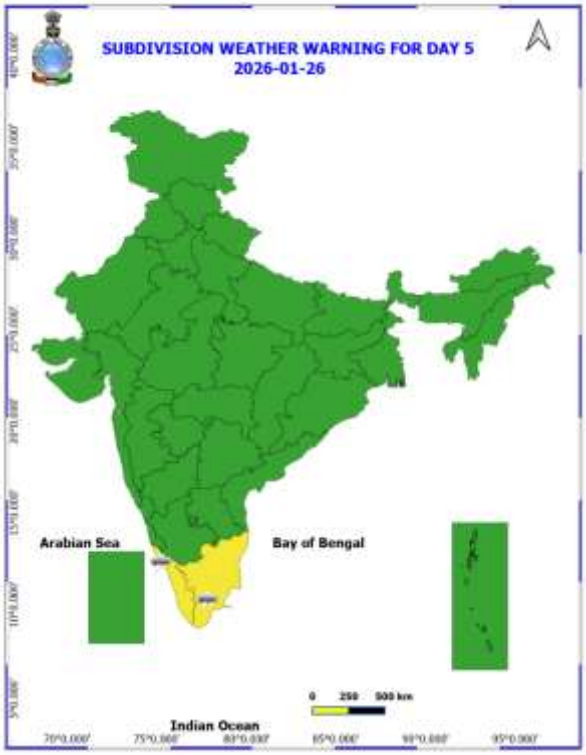
ANNEXURE II

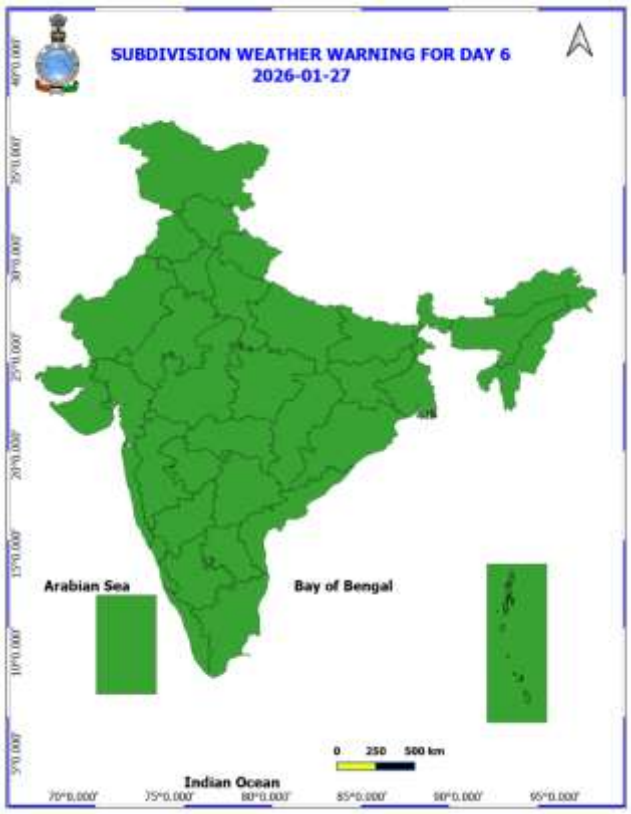

SUBDIVISION WEATHER WARNING FOR DAY 1
2026-01-22
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km

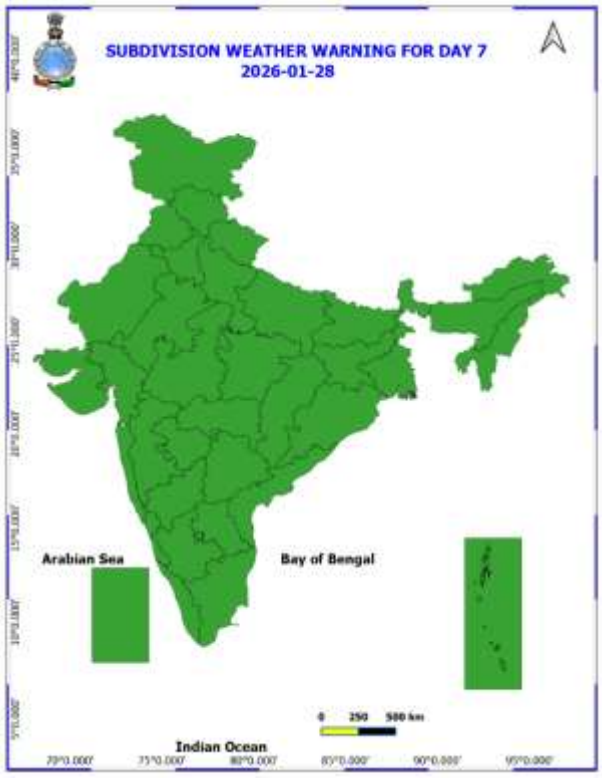

SUBDIVISION WEATHER WARNING FOR DAY 2
2026-01-23
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km


SUBDIVISION WEATHER WARNING FOR DAY 3
2026-01-24
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 22nd to 25th January 2026

Past Weather:

There has been a slight fall in minimum temperature up to 1°C and fall in maximum temperatures by 1-2°C during the past 24 hours over Delhi. The maximum and minimum temperatures over Delhi were around 21°C to 24°C and 06°C to 09°C respectively. The minimum temperatures were normal (-1.5 to 1.5°C) over Delhi. The maximum temperatures were appreciably above normal (3.1 to 5.0°C) at many places, above normal (1.6 to 3.0°C) at isolated places and normal (-1.5 to 1.5°C) over remaining parts of Delhi. Safdarjung reported lowest visibility 700m from 0730 IST to 0800 IST, which thereafter improved to 800m at 0830 IST of today, 22.01.2026. Palam reported lowest visibility 800m from 0800 IST to 0830 IST, which thereafter improved to 1000m at 0900 IST of today, 22.01.2026. Mainly clear sky with predominant surface wind from the west direction with a wind speed up to 15kmph prevailed during the past 24 hours. Partly cloudy sky with wind speed reaching up to 08kmph from the variable direction prevailed over the region in the forenoon today.

Weather Forecast:

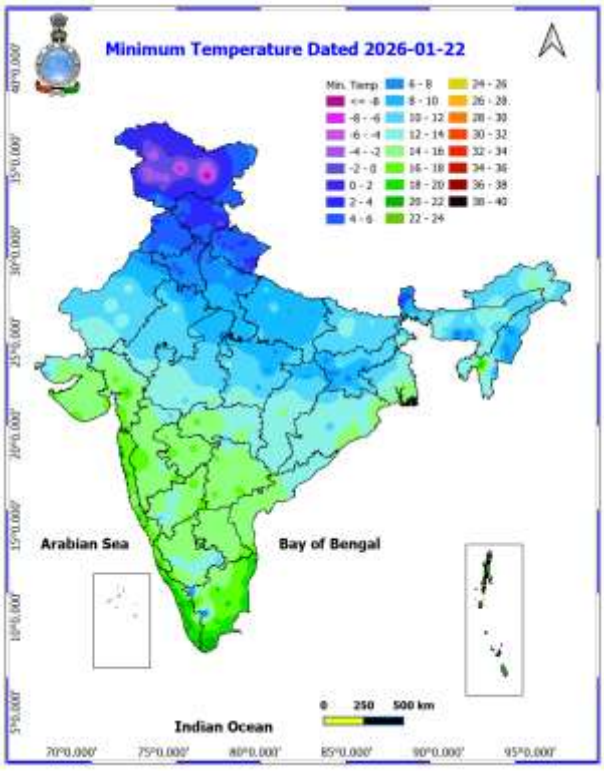
22.01.2026: Partly cloudy sky becoming generally cloudy sky towards evening/night. mist during night. The maximum temperatures are likely to be in the range of 23°C to 25°C. Maximum temperatures will be appreciably above normal (3.1 to 5.0°C) over Delhi. The predominant surface wind is likely to be from the southeast direction with wind speeds less than 15kmph during the afternoon hours. The wind speed will increase becoming up to 20 kmph from the southeast direction during the evening and night.

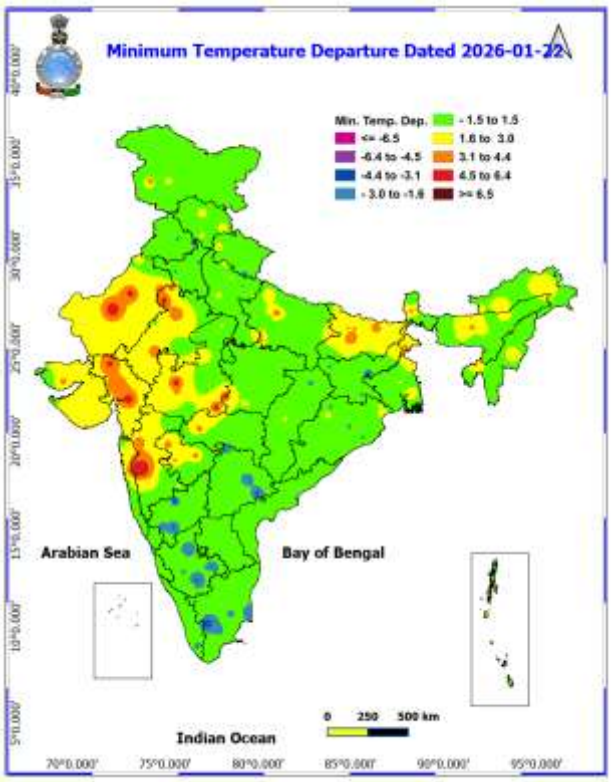
23.01.2026: Generally cloudy sky. one or two spells of light rain accompanied with thunderstorm/lightning and gusty winds speed reaching 30-40 kmph likely during early hours to forenoon hours. Another spell of very light to light rain towards afternoon/evening. Shallow fog during morning hours. The maximum and minimum temperatures in Delhi are likely to be in the ranges of 18°C to 20°C and 11°C to 13°C respectively. The minimum temperature will be appreciably above normal (3.1°C to 5.0°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 speed less than 20kmph during the morning hours. The wind speed will increase up to 25kmph from the southeast direction in the afternoon hours. The wind speed will decrease becoming up to 10kmph from the east-southeast direction during evening and night.

24.01.2025: Generally cloudy sky. Strong surface winds speed reaching 20-30 kmph. Shallow to moderate fog during morning hours. The maximum and minimum temperatures in Delhi are likely to be in the ranges of 16°C to 18°C and 06°C to 08°C respectively. The minimum temperatures will be near normal 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 northeast direction with wind speeds less than 10kmph during the morning hours. The wind speed will increase becoming up to 12kmph from the north direction in the afternoon. The wind speed will decrease becoming up to 10kmph from north-northwest direction during the evening and night.

25.01.2026: 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 16°C to 18°C and 05°C to 07°C respectively. The minimum temperatures will be below 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-northwest direction with wind speeds up to 10kmph during the morning hours. The wind speed will increase becoming up to 15kmph from the north-northwest direction in the afternoon. The wind speed will decrease becoming up to 10kmph from north-northwest direction during the evening and night.

ANNEXURE IV





Reported minimum temperature (≤5°C) at 0830 hrs IST of the 22nd January 2026.

STATION	STATE	TEMPERATURE
AMRITSAR	PUNJAB	3.4
LUDHIANA	PUNJAB	4.4
KARNAL	HARYANA	4.4
HISSAR	HARYANA	4.6
CHANDIGARH	CHANDIGARH	4.8

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

- ✓ **Isolated hailstorm** activity likely over Himachal Pradesh, Uttarakhand, Haryana and West Uttar Pradesh on 23rd; Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab and north Rajasthan on 22nd & 23rd January.
- ✓ **Thundersquall (wind speed reaching 50-60 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Punjab and Rajasthan on 22nd and 23rd; Uttarakhand, Haryana, Chandigarh, Delhi and Uttar Pradesh on 23rd 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/very dense fog in the morning hours:

- **Dense to very dense fog** conditions likely during morning/ night hours in isolated pockets over Punjab and Haryana & Chandigarh on 25th & 26th **and dense fog conditions** at isolated places over 24th & 25th January.
- **Dense fog** conditions also likely during morning/night hours in isolated pockets over Rajasthan during 24th -26th; Sub-Himalayan West Bengal & Sikkim till 24th 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.

Agromet advisories for likely impact of Heavy Rainfall/ Snowfall

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.

- In **Jammu & Kashmir**, make necessary arrangement to drain out excess water from wheat, mustard, chickpea, pea and vegetables fields. Gently shake the trees to remove snow immediately from the branches.
- In **Himachal Pradesh,** harvest the matured vegetables and keep the harvested produce in safe places. Make necessary arrangements to drain out excess rainwater from the standing crops, vegetable fields and fruit orchards.
- In **Uttarakhand**, harvest matured rapeseed & sugarcane and keep the harvested produce in safe places. Make necessary arrangements to drain excess water from standing crop fields and vegetables.
- In **North Punjab**, make necessary arrangements to drain out excess rainwater from the standing crops such as wheat, mustard, sugarcane, orchards and vegetable crops.

Agromet advisories for likely impact of Hailstorm

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

Livestock

- Keep the animals inside the shed during heavy rainfall and hailstorm period and provide them balanced feed. Store feed and fodder in a safe place to prevent spoilage.

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.

- In **Jammu & Kashmir**, make necessary arrangement to drain out excess water from wheat, mustard, chickpea, pea and vegetables fields. Gently shake the trees to remove snow immediately from the branches.
- In **Himachal Pradesh,** harvest the matured vegetables and keep the harvested produce in safe places. Make necessary arrangements to drain out excess rainwater from the standing crops, vegetable fields and fruit orchards.
- In **Uttarakhand**, harvest matured rapeseed & sugarcane and keep the harvested produce in safe places. Make necessary arrangements to drain excess water from standing crop fields and vegetables.
- In **North Punjab**, make necessary arrangements to drain out excess rainwater from the standing crops such as wheat, mustard, sugarcane, orchards and vegetable crops.

Agromet advisories for likely impact of Hailstorm

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

Livestock

- Keep the animals inside the shed during heavy rainfall and hailstorm period and provide them balanced feed. Store feed and fodder in a safe place to prevent spoilage.

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:

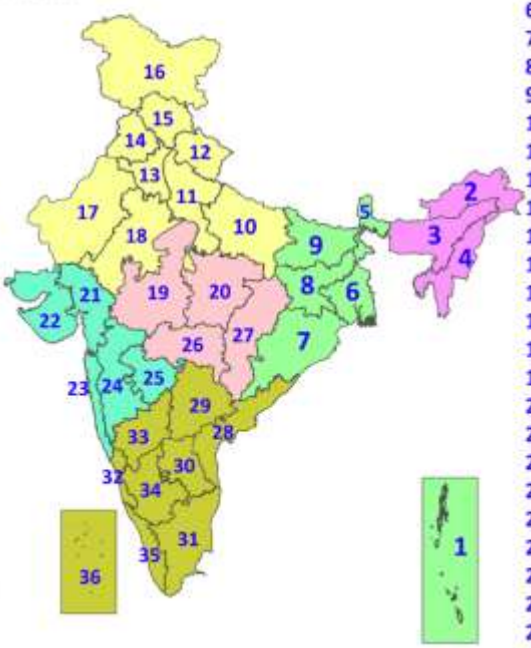
- **Heavy Rain:**64.5-115.5mm; **Very Heavy Rain:**115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District: **NH:** National Highway; **KVK**: Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO**: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