Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 28th January, 2025
Time of Issue: 1315 hours IST

Subject: Wet spell over Western Himalayan Region till 03rd and over plains of Northwest India from 31st January to 03rd February, 2025.

i. Realised weather during past 24 hours till 0830 hours IST of today (Annexure I)

- **Cold wave to severe cold wave conditions** prevailed in some parts of Himachal Pradesh & Punjab; in isolated pockets of East Rajasthan and **Cold Wave conditions** prevailed in isolated pockets of West Rajasthan and Haryana.
- **Dense to very dense fog conditions (visibility < 50 m)** reported in isolated pockets of North Uttar Pradesh, Bihar & coastal Odisha and **dense fog (visibility 50-199 m)** reported in isolated pockets of plains of Uttarakhand.

ii. Weather Systems, Forecast and warning (Annexure II & III):

- A fresh **Western disturbance** seen as a cyclonic circulation over west Iran between lower to upper tropospheric levels. Another fresh **Western Disturbance** is likely to affect Western Himalayan Region from 01st February, 2025. Under their influence,
  - ✓ Scattered to fairly widespread light to moderate rainfall/snowfall activity likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 28th January- 03rd February; isolated to scattered rainfall/snowfall over Himachal Pradesh during 29th January-03rd February, Uttarakhand during 31st January-03rd February and isolated to scattered light to moderate rainfall over Punjab, Haryana, West Uttar Pradesh during 31st January-03rd February, Rajasthan, Chhattisgarh on 03rd, Madhya Pradesh and Vidarbha on 02nd & 03rd February, 2025.
- A **cyclonic circulation** lies over East Bangladesh in lower tropospheric levels. Under its influence,
  - ✓ Light to moderate rainfall accompanied with thunderstorm & lightning very likely at a few places over Sub-Himalayan West Bengal & Sikkim on 28th, Arunachal Pradesh during 28th-30th, Assam & Meghalaya on 29th & 30th January with isolated **hailstorm** likely over Sub-Himalayan West Bengal & Sikkim on 28th and Arunachal Pradesh on 30th January.
  - ✓ **Heavy rainfall/snowfall** likely over Arunachal Pradesh on 30th January.
- Under the influence of a easterly wave, Light to moderate rainfall accompanied with thunderstorm & lightning very likely at a few places over Tamil Nadu, Puducherry & Karaikal on 30th & 31st January and over Kerala & Mahe during 30th January-01st February, South Interior Karnataka on 01st February with isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal on 30th & 31st January and over Kerala & Mahe on 31st January.

Temperature, Cold Wave and Fog Forecast:

(Temperature Conditions during past 24 hours till 0830 hours IST of today is provided in **Annexure IV**)

Forecast of temperature:

- Rise in minimum temperatures by 2-4°C likely over Northwest, Central and East India during next 4 days and no significant change thereafter.
- No significant change in minimum temperatures likely over Maharashtra during next 2 days and gradual fall by 2-3°C during subsequent 3 days.
- No significant change in minimum temperatures likely over rest parts of the country.

Cold Wave Warnings:

Cold Wave conditions very likely in isolated pockets of Himachal Pradesh, Punjab and Haryana on 28th January.

Dense Fog Warnings:

Dense to very Dense fog Conditions very likely to continue to prevail during night/early morning hours in isolated pockets of Uttar Pradesh till 31st January.

Dense fog conditions very likely to continue to prevail during night/early morning hours in isolated pockets of Uttarakhand, Punjab, Haryana, Chandigarh till 29th; Sub-Himalayan West Bengal & Sikkim during 29th-31st; Gangetic West Bengal & coastal Odisha till 30th and over Bihar till 31st January, 2025.

iii. Weather conditions and forecast over Delhi/NCR during 28th Jan. to 31st Jan. 2025 (Annexure V)

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

ANNEXURE I

Rainfall recorded during past 24 hours till 0830 hours IST of today 28.01.2025 (in cm):

- **Andaman & Nicobar Islands:** Iaf Carnicobar (dist Nicobar) 1, Nancowry (dist Nicobar) 1

Visibility reported (≤200 m) (in meter):

- **West Uttar Pradesh:** Najibabad 0, Bareilly 40; **Bihar:** Supaul & Purnea 0 each; **Odisha:** Paradip & Gopalpur 0 each; **East Uttar Pradesh:** Bahraich 30, Kushinagar 50; **Uttarakhand**: Pantnagar100

Impact expected due to dense fog in the night /morning hours over plains of Uttarakhand, Punjab, Haryana, North Uttar Pradesh, East India:

- 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 and action suggested due to thunderstorm with lightning & Hailstorm.

Impact expected:

- 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:

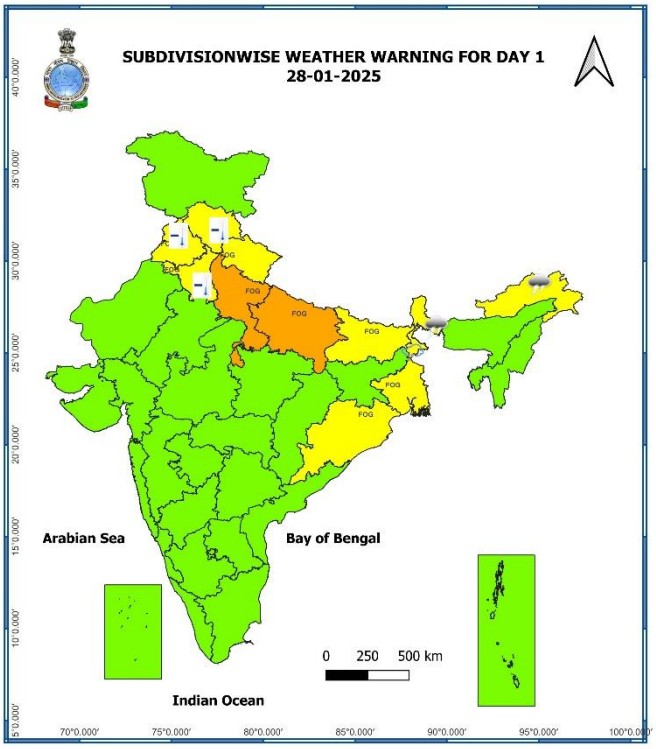
- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

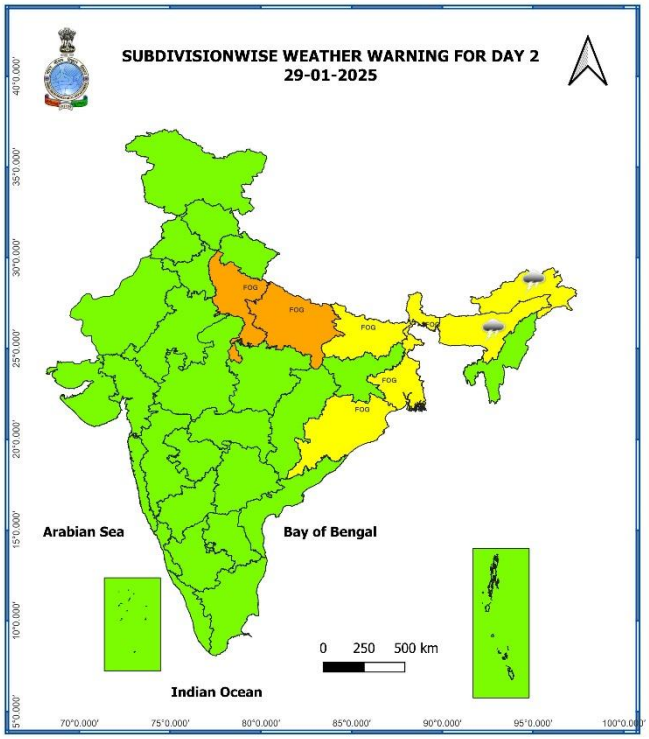
ANNEXURE II

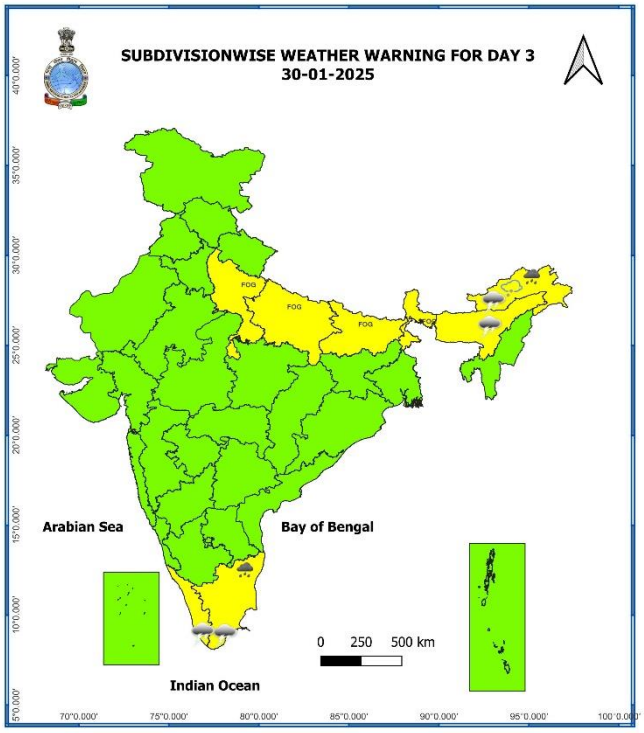
7 Days Rainfall Forecast								
S. No.	Subdivision	28-Jan	29-Jan	30-Jan	31-Jan	01-Feb	02-Feb	03-Feb
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	SCT	SCT	ISOL	ISOL	DRY	DRY	ISOL
2	ARUNACHAL PRADESH	SCT	FWS	WS	SCT	ISOL	ISOL	DRY
3	ASSAM & MEGHALAYA	ISOL	ISOL	SCT	ISOL	DRY	DRY	DRY
4	NAGALAND, MANIPUR, MIZORAM & TRIPURA	ISOL	ISOL	ISOL	ISOL	DRY	DRY	DRY
5	SUB-HIMALAYAN WEST BENGAL & SIKKIM	ISOL	ISOL	ISOL	ISOL	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	ISOL	ISOL	ISOL	DRY
12	UTTARAKHAND	DRY	DRY	DRY	ISOL	SCT	ISOL	ISOL
13	HARYANA CHANDIGARH & DELHI	DRY	DRY	DRY	SCT	ISOL	DRY	ISOL
14	PUNJAB	DRY	DRY	DRY	SCT	ISOL	DRY	ISOL
15	HIMACHAL PRADESH	DRY	ISOL	ISOL	SCT	SCT	ISOL	ISOL
16	JAMMU & KASHMIR AND LADAKH	ISOL	SCT	SCT	SCT	FWS	SCT	SCT
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
21	GUJARAT REGION	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
25	MARATHAWADA	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
27	CHHATTISGARH	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
28	COASTAL ANDHRA PRADESH & YANAM	DRY	DRY	DRY	DRY	ISOL	ISOL	DRY
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
30	RAYALASEEMA	DRY	DRY	DRY	ISOL	ISOL	ISOL	DRY
31	TAMILNADU PUDUCHERRY & KARAIKAL	DRY	DRY	ISOL	SCT	ISOL	ISOL	ISOL
32	COASTAL KARNATAKA	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	ISOL	ISOL	DRY
35	KERALA & MAHE	DRY	ISOL	ISOL	SCT	SCT	ISOL	ISOL
36	LAKSHADWEEP	SCT	DRY	SCT	SCT	SCT	SCT	SCT

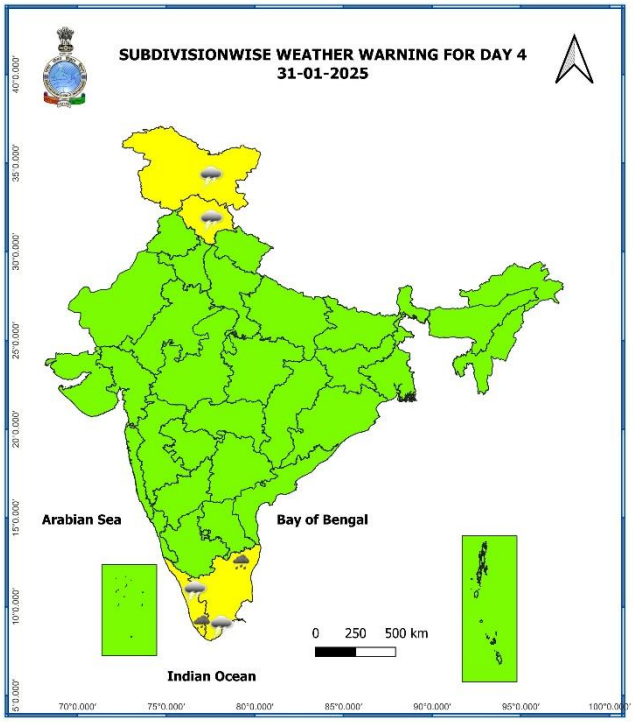
- **As the lead period increases forecast accuracy decreases**

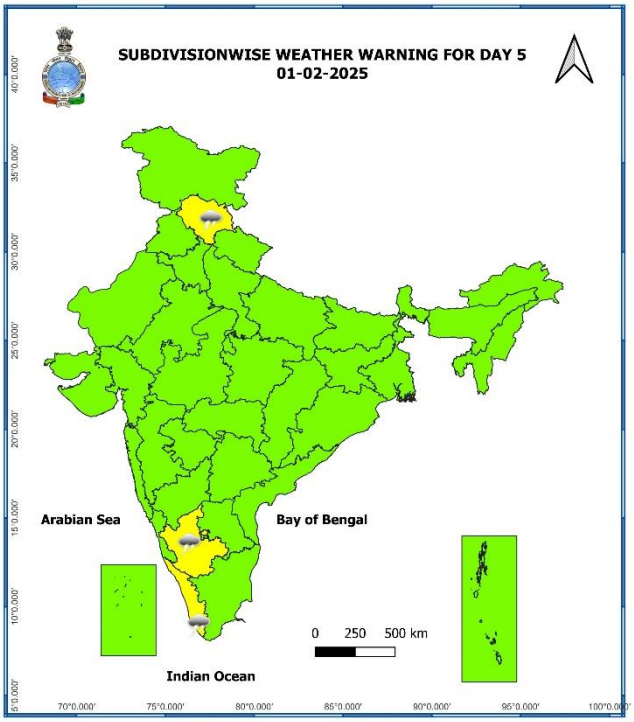
ANNEXURE III

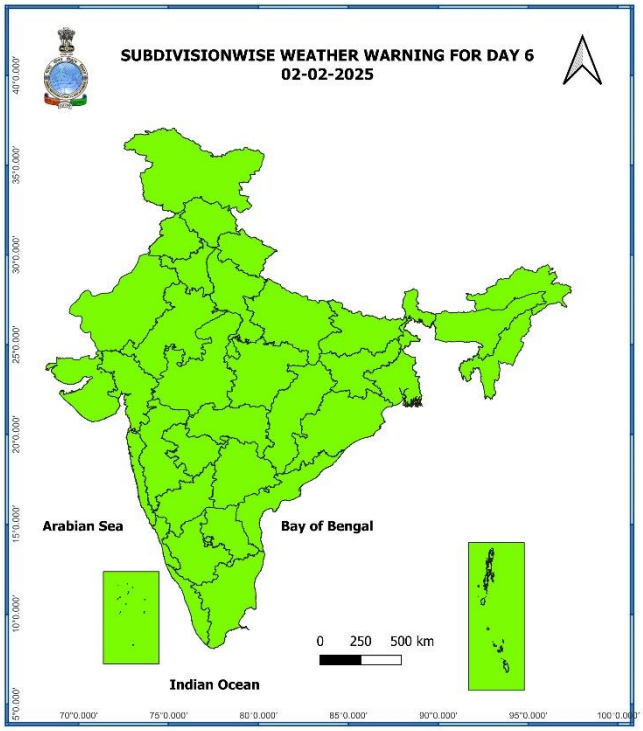


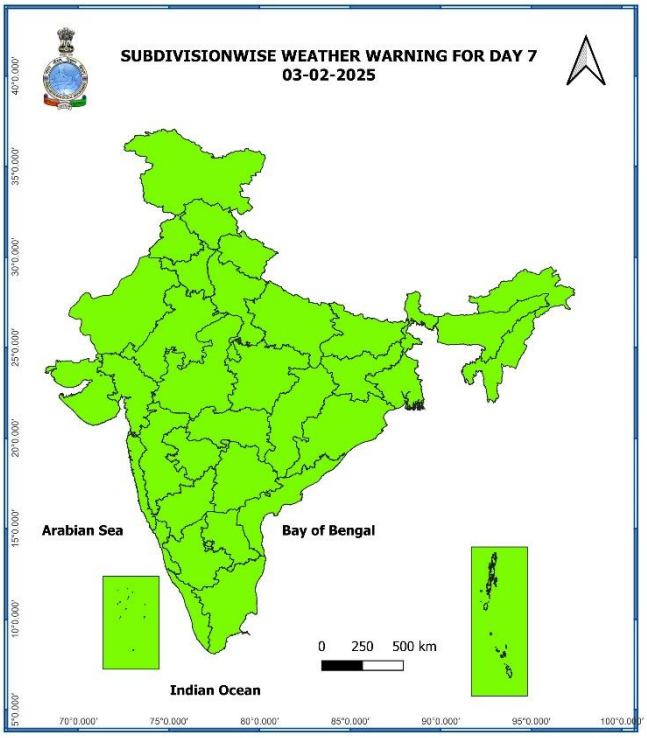












- **Action may be taken based on ORANGE AND RED COLOUR warnings.**
- **Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.**
- **As the lead period increases forecast accuracy decreases.**

Detailed district wise warning for next five days available at
https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php

- Minimum temperatures are **4-10°C** over many parts of plains of Northwest India & adjoining Uttarakhand, East Madhya Pradesh and Jharkhand; **10-18°C** in many parts of West Madhya Pradesh, East & West India. Today, the lowest minimum temperature of **1.0°C** is reported at **Fatehpur Sikar (East Rajasthan)** over the plains of the country.
- During the past 24 hours, there has been **fall in minimum temperatures by 1-3^{0}C** in isolated places of Gujarat Region, Konkan and **rise by 1-3^{0}C** in some parts of Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Saurashtra & Kutch; in isolated places of Jammu- Kashmir, Uttar Pradesh, Rajasthan, Madhya Pradesh, Chhattisgarh, Gangetic West Bengal, Madhya Maharashtra, Telangana, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.
- Minimum temperatures are **above normal (2°C or more)** over many parts of West India, Odisha, Bihar, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura. These are **appreciably below normal (-3°C to -5°C)** at isolated places over East Rajasthan, East Madhya Pradesh; **below normal (-1°C to -3°C)** at most places over Delhi; at isolated places over Uttar Pradesh, Gangetic West Bengal, Jharkhand, Haryana-Chandigarh, Lakshadweep, Tamil Nadu, Puducherry & Karaikal, Andaman & Nicobar Islands and near normal over rest parts of the country.

Fig. 1: Maximum Temperatures

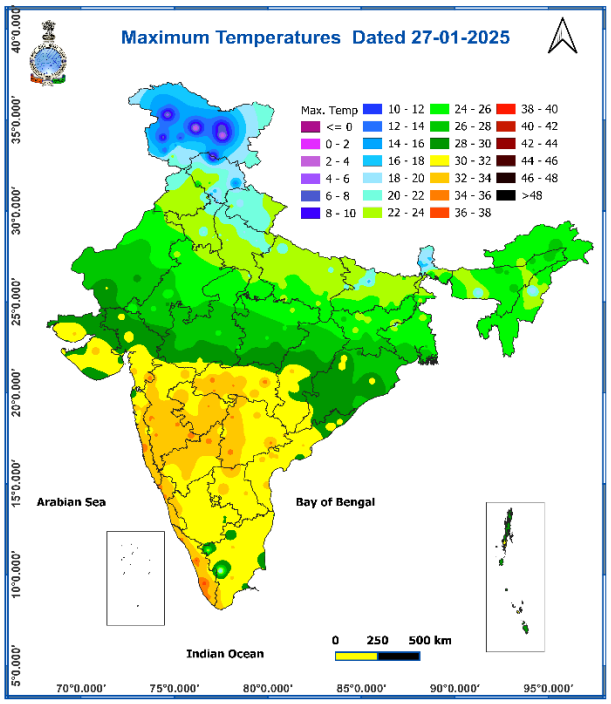


Fig. 2: Departure of Maximum Temperatures

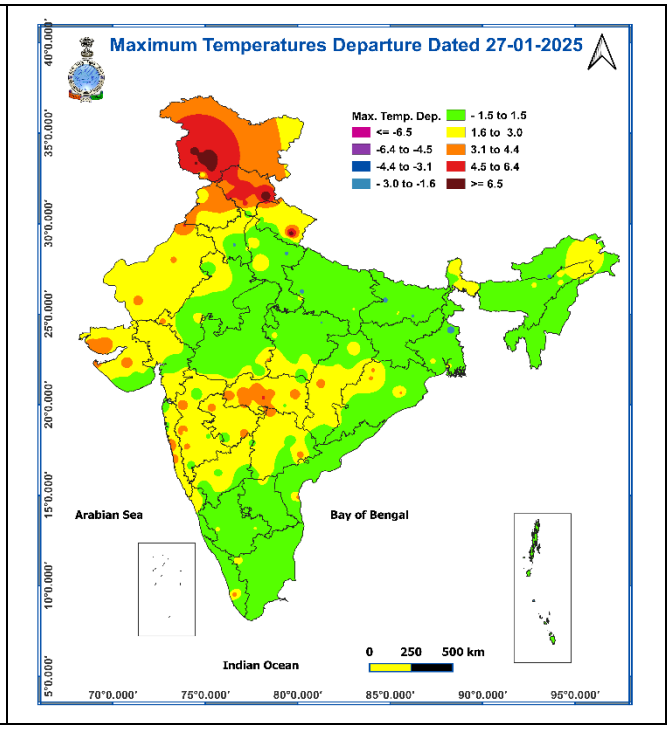


Fig. 3: Minimum Temperatures

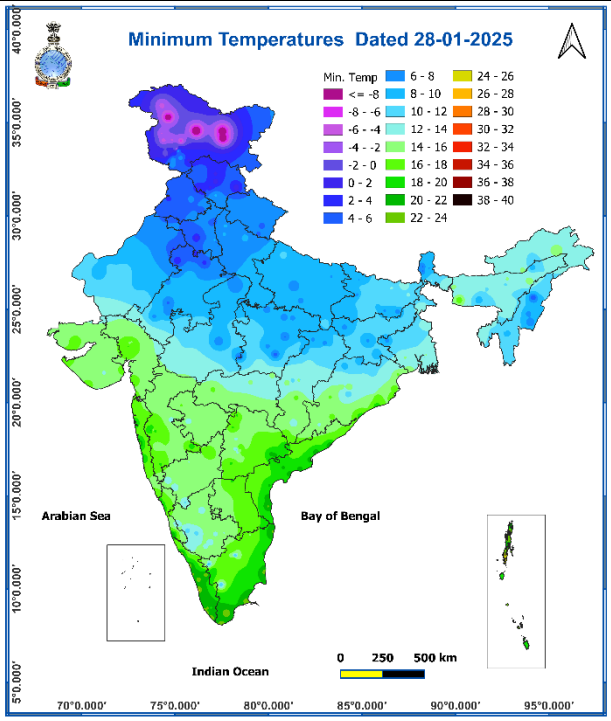
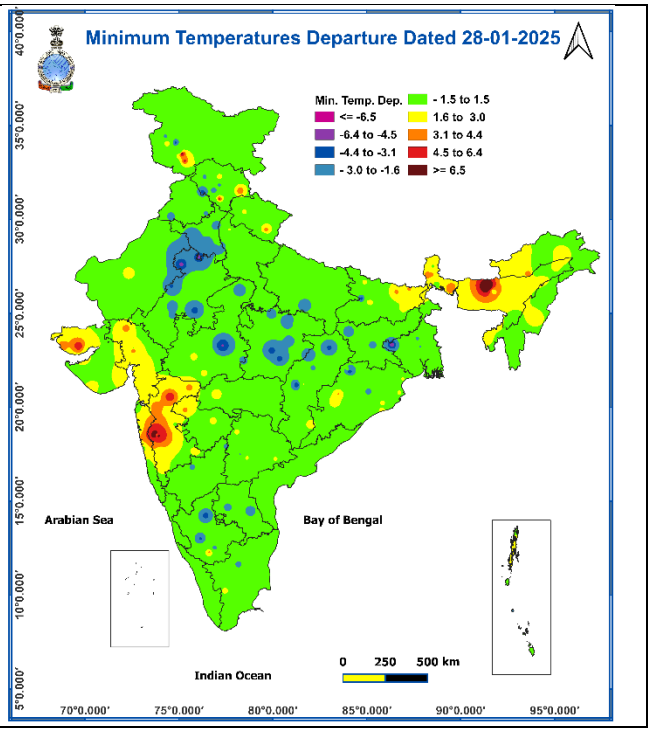


Fig. 4: Departure of Minimum Temperatures



ANNEXURE V

Weather forecast over Delhi/NCR during 28th to 31st Jan. 2025

Past Weather:

There has been a fall in minimum temperature upto 02°C over Delhi/NCR during past 24hr. The Maximum and Minimum temperatures over Delhi are in the range of 21 to 24°C and 06 to 08°C respectively. The minimum temperature was below normal upto 03°Cand maximum temperature was above normal upto 02°Cover most places. Mainly clear sky conditions with predominant surface wind from the west direction with wind speed reaching 12 to 16 kmph prevailed during past 24hr. Mainly smog/mist conditions with wind speed less than 04 kmph northwest direction prevailed over the region in the forenoon today.

Weather Forecast:

28.01.2025: Mainly clear sky becoming partly cloudy sky from night. The predominant surface wind will likely be in the northwest direction with a wind speed of less than 06 kmph till evening. It would decrease thereafter becoming less than 04 kmph from the variable direction during the night.

29.01.2025: Generally cloudy sky becoming partly cloudy sky towards evening. The predominant surface wind is likely to be from the southeast direction with a wind speed less than 04 kmph during morning hours. Smog/shallow fog likely in the morning hours. The wind speed will gradually increase thereafter becoming 08-10 kmph from southeast direction during afternoon. It will decrease becoming less than 04 kmph from southeast direction during evening and night. Smog/mist is likely in the night.

30.01.2025: Partly cloudy sky. The predominant surface wind is likely to be from southeast direction with wind speed less than 04 kmph during morning hours. Smog/shallow fog likely in the morning hours. The wind speed will gradually increase thereafter becoming 06-08 kmph from southeast direction during afternoon. It will decrease becoming less than 04 kmph from southeast direction during evening and night. Smog/mist is likely in the night.

31.01.2025: Mainly clear sky. The predominant surface wind will likely be in the southeast direction with a wind speed of less than 04 kmph during morning hours. Smog/shallow fog likely in the morning hours. The wind speed will gradually increase thereafter becoming 06-08 kmph from southeast direction during afternoon. It will decrease becoming less than 04 kmph from southeast direction during evening and night. Smog/mist is likely in the night.

Agromet advisories for likely impact of Hail/Cold Wave

- Use hail nets to protect orchards and vegetable plants in **Sikkim**.
- In **Himachal Pradesh, Punjab** and **Haryana,** apply light and frequent irrigation to the standing crops in the evening to protect them 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

- 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:

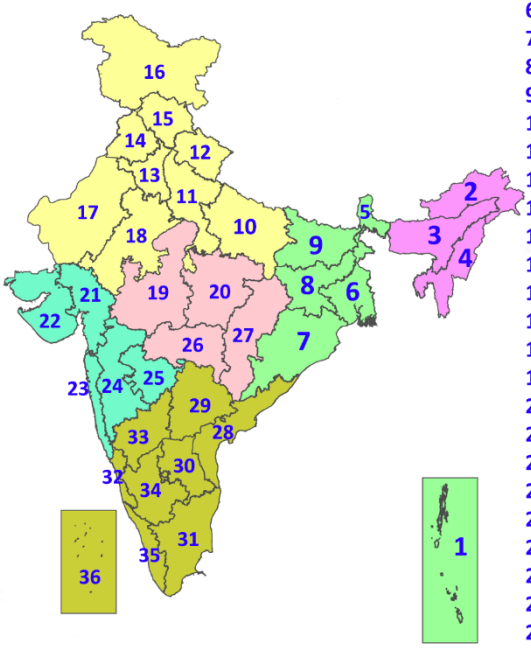
- **Heavy Rain:**64.5-115.5mm; **Very Heavy Rain:**115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- **Obsy:** Observatory; **AWS:** Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District: **NH:** National Highway; **KVK**: Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation;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

* 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)