



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 23rd February 2026
Time of Issue: 1300 hours IST

Subject: i) Maximum temperature are likely to be above normal by 3-5°C over many parts of Northwest India during the week.
ii) A fresh feeble Western Disturbance is likely to affect Western Himalayan region from 26th February, 2026.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 23rd February, 2026:

- ❖ **Heavy rainfall** has been recorded at isolated places over Kerala.
- ❖ **Hailstorm** activity has been recorded at isolated places over Telangana.
- ❖ **Dense to very Dense fog (visibility <50 m)** conditions prevailed in isolated pockets over Punjab; **Dense fog (visibility 50-199 m)** conditions in isolated pockets over Odisha.
- ❖ **Visibility Reported (In Meters <200 m): Punjab:** Amritsar 0m; **Odisha:** Chandbali (50-199m).

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

- ❖ **Minimum temperatures** were **less than 0°C** over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; **upto 6°C** at isolated places over Himachal Pradesh & Uttarakhand; **7-12°C** over Punjab, Haryana, Chandigarh & Delhi, remaining parts of Himachal Pradesh & Uttarakhand, East Uttar Pradesh, Sikkim, Assam & Meghalaya and **12-15°C** over Rajasthan, West Uttar Pradesh, Madhya Pradesh, Bihar, Jharkhand, Chhattisgarh, Sub-Himalayan West Bengal and Odisha.
- ❖ **Minimum Temperature Departures** were **appreciably above normal** by **3-5°C** over Jammu-Kashmir, Rajasthan, Gujarat State, Konkan, Madhya Maharashtra, Vidarbha, Telangana, Bihar, East Madhya Pradesh; **above normal (1.6°C to 3.1°C)** over Himachal Pradesh, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, West Bengal, Odisha, Assam & Meghalaya, Mizoram, Manipur; remaining parts of Central & West, South Peninsular India and **near normal** over rest parts of the country. The **lowest minimum temperature** of **9.6°C** was observed at **Adampur (IAF) & Bathinda (Punjab)** over the plains of India.
- ❖ **Maximum Temperatures Departures** were **markedly above normal (> 6.5 °C)** over Jammu-Kashmir, appreciably above normal by **3-5°C** over Himachal Pradesh, Punjab, Haryana, Chandigarh & Delhi, west Uttar Pradesh, West Rajasthan, Gujarat State, Assam & Meghalaya, Odisha; by **2-3°C** over Uttarakhand, East Rajasthan, East Uttar Pradesh, Madhya Pradesh, Chhattisgarh, Vidarbha, West Bengal, Jharkhand and **near normal** over rest parts of the country. **These** were in the range of **34-37°C** over Chhattisgarh, Odisha, West & South Peninsular India; **30-34°C** over many parts of Central India, Rajasthan, West Bengal, Jharkhand, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura; **25-30°C** over Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Bihar, Arunachal Pradesh. The **highest maximum temperature** of **37.0°C** was observed at **Kurnool (Andhra Pradesh) and Madurai (Tamil Nadu)** over the plains of India.

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

- ❖ Yesterday's Well Marked Low Pressure Area over southwest Bay of Bengal moved northeastwards and weakened into a **low pressure area** over southwest and adjoining areas of central Bay of Bengal at 0530 hrs IST of today and persisted over the same region at 0830 hrs IST of today, the 23rd February, 2026. It is very likely to continue to move nearly northeastwards and weaken gradually during next 24 hrs.
- ❖ An upper air **cyclonic circulation** lies over central Assam & neighbourhood in lower tropospheric levels.
- ❖ A **trough** runs from northwest Uttar Pradesh to north Gujarat in lower tropospheric levels.

- ❖ A **trough** runs from Gangetic West Bengal to north Coastal Andhra Pradesh in lower tropospheric levels.
- ❖ **Subtropical westerly Jet Stream** with core winds of the order of 100 knots at 12.6 km above mean sea level continues to prevail over Northeast India.
- ❖ An upper air **cyclonic circulation** lies over southeast Arabian sea off south Kerala coast in lower tropospheric levels.
- ❖ A **trough** runs from South Interior Karnataka to Marathwada in lower tropospheric levels.
- ❖ A fresh feeble **Western Disturbance** is likely to affect western Himalayan region from 26th February, 2026.

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

- ❖ **Fairly widespread to widespread** light/moderate rainfall with **thunderstorm, lightning & gusty winds speed reaching (30-40 kmph)** likely over Andaman & Nicobar Islands during 23rd-25th February.
- ❖ **Isolated to scattered** light/moderate rainfall with **thunderstorm, lightning & gusty winds speed reaching (30-40 kmph)** likely over Madhya Pradesh, Vidarbha, Chhattisgarh on 23rd; Odisha on 23rd & 24th; Gangetic West Bengal & Jharkhand on 24th; with **thunderstorm & lightning** likely over Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Telangana on 23rd & 24th; Gangetic West Bengal, Jharkhand, Arunachal Pradesh, Nagaland, Kerala & Mahe, Lakshadweep, Interior Karnataka, Coastal Andhra Pradesh & Yanam on 23rd; Madhya Pradesh, Vidarbha, Chhattisgarh on 24th & 25th February.
- ❖ Isolated **light** rainfall/snowfall likely over Himachal Pradesh and Uttarakhand on 23rd and isolated rainfall over East Rajasthan & West Uttar Pradesh on 23rd February.
- ❖ Isolated **light** rainfall/snowfall likely over Jammu-Kashmir, Himachal Pradesh and Uttarakhand during 26th-28th February.

Dense Fog Warnings:

- ❖ **Dense fog conditions** likely during morning hours in isolated pockets over Punjab till 24th February.

Forecast of maximum temperatures:

- ❖ Gradual rise in maximum temperature by 2-3°C likely over Northwest India during next 4 days and no significant change during subsequent 3 days. Hence, **these are likely to be above normal by 3-5°C over many parts of Northwest India during the week.**
- ❖ Gradual fall in maximum temperature by about 2°C likely over Vidarbha & Chhattisgarh during next 3 days and gradual rise by 2-3°C during subsequent 4 days.
- ❖ No significant change in maximum temperature likely over Maharashtra during next 24 hours and gradual rise by 2-3°C during subsequent 6 days.
- ❖ Gradual fall in maximum temperature by 2-3°C likely over Gujarat State during next 24 hours and no significant change during subsequent 6 days.
- ❖ No significant change in maximum temperatures likely over rest parts of the country.

Fisherman Warning:

Fishermen are advised not to venture into the following areas:

Bay of Bengal: Over northern parts of southwest, southeast Bay of Bengal & adjoining parts of central Bay of Bengal on 23rd February; over northern parts of southeast, Bay of Bengal & adjoining parts of southwest and eastcentral Bay of Bengal on 24th February.

Arabian Sea: No warning.

Weather conditions and forecast over Delhi/NCR during 23rd-26th February, 2026 (ANNEXURE III)

For more details, kindly refer National Weather Bulletin:

https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php

For District wise warnings refer: <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

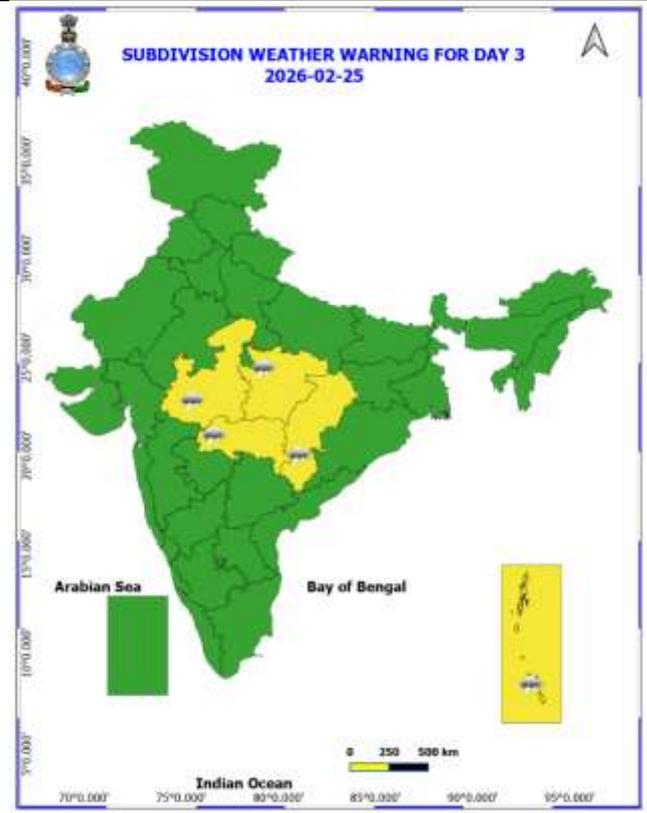
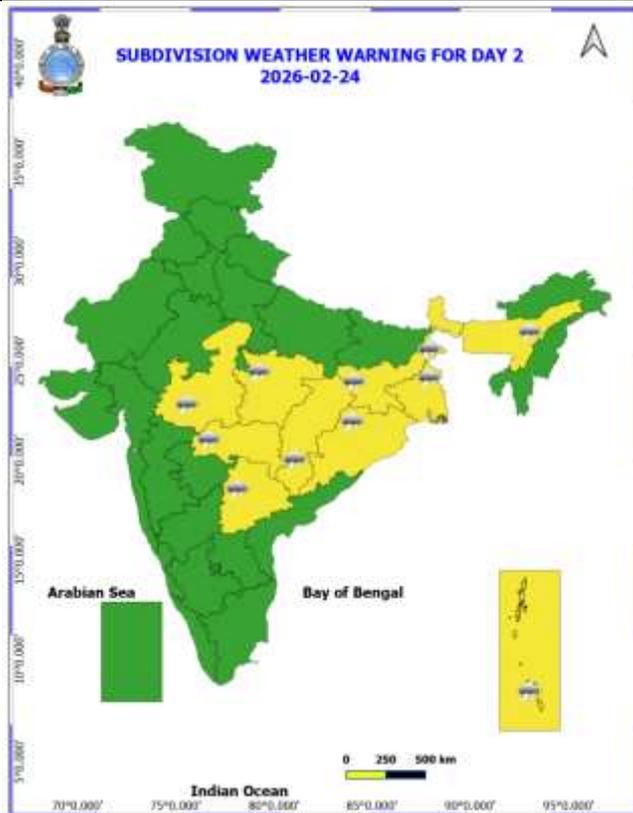
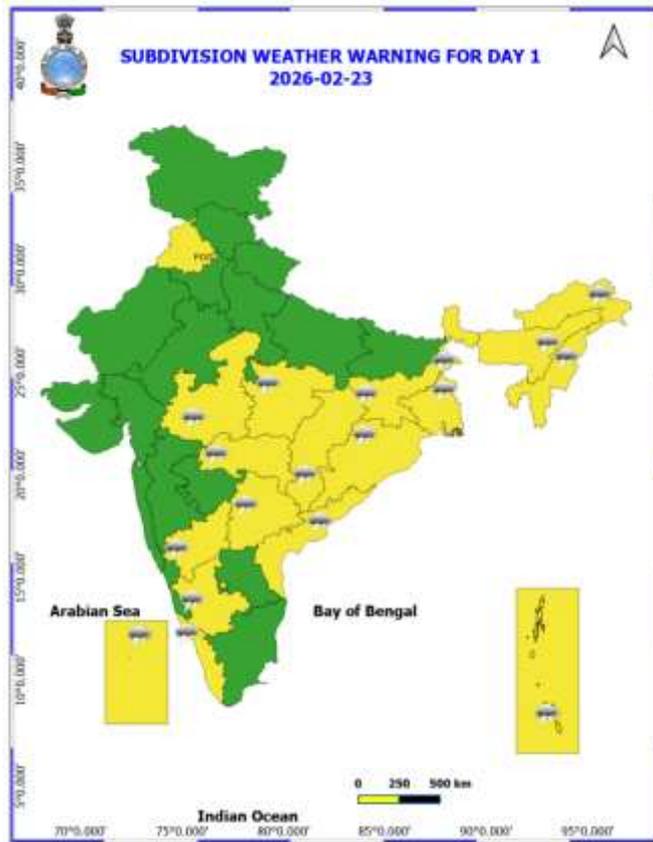
For Fishermen warning refer <https://rsmcnewdelhi.imd.gov.in/fishermen-warning.php>

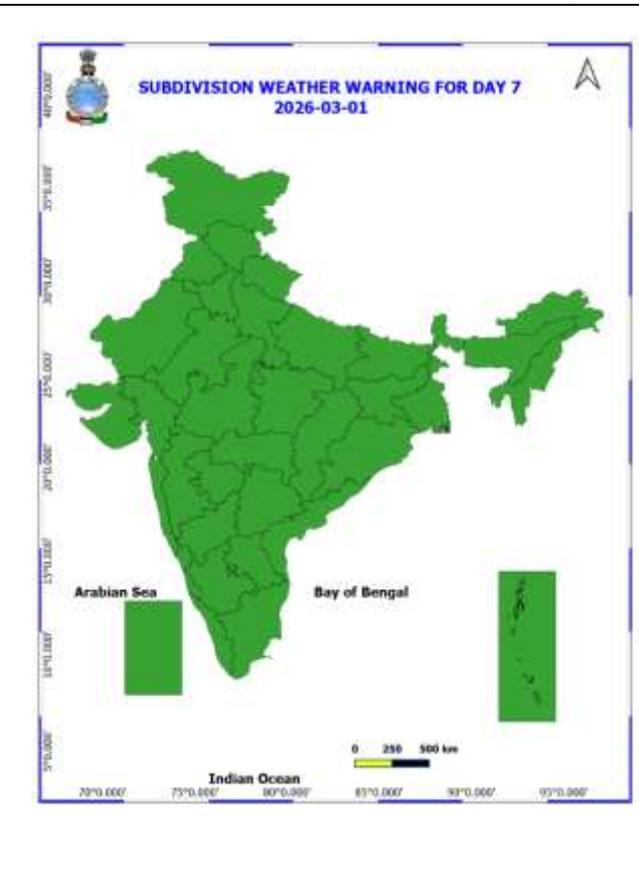
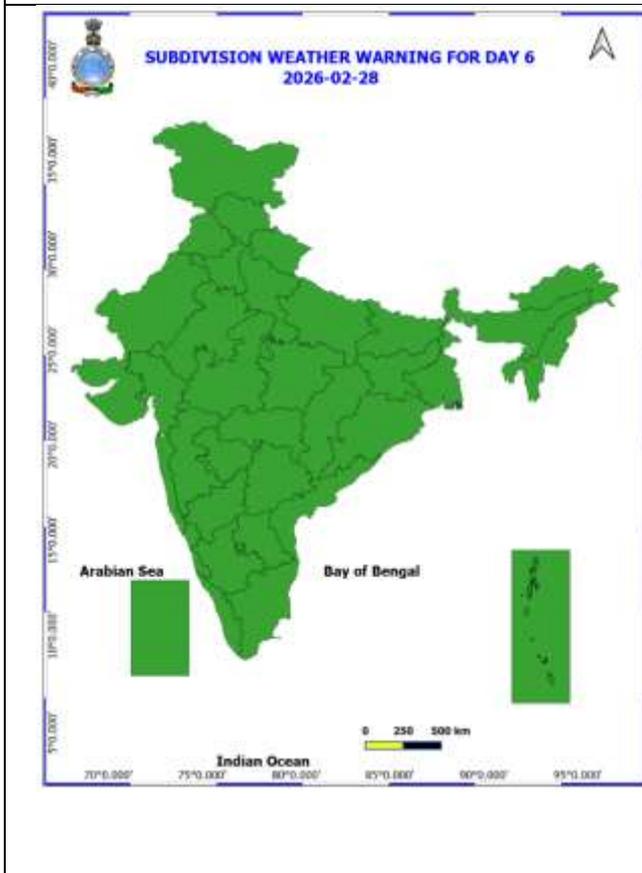
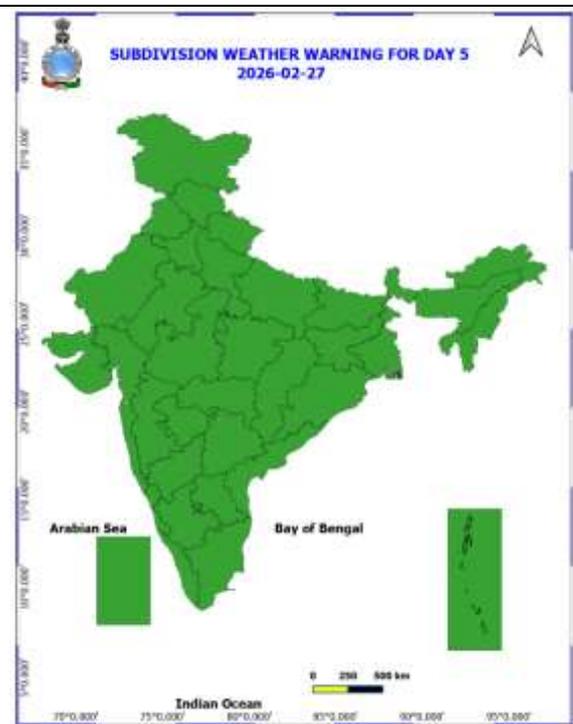
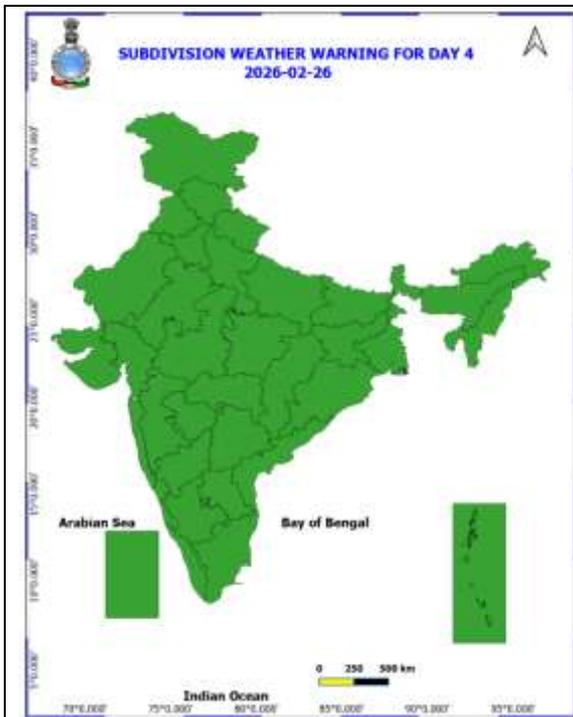
Significant rainfall recorded (in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today):

- ❖ **Kerala:** Vadakara (dist Kozhikode) 7.

| Table-1 | | | | | | | | |
|--------------------------|--|---------|---------|---------|---------|---------|---------|--------|
| 7 Days Rainfall Forecast | | | | | | | | |
| S.No. | Subdivision | 23- Feb | 24- Feb | 25- Feb | 26- Feb | 27- Feb | 28- Feb | 1- Mar |
| | | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 |
| 1 | ANDAMAN & NICOBAR ISLANDS | FWS | W | FWS | SCT | ISOL | DRY | DRY |
| 2 | ARUNACHAL PRADESH | ISOL | ISOL | ISOL | DRY | DRY | ISOL | ISOL |
| 3 | ASSAM & MEHGHALAYA | ISOL | ISOL | ISOL | DRY | DRY | DRY | DRY |
| 4 | NAGALAND, MANIPUR, MIZORAM AND TRIPURA | ISOL | DRY | ISOL | DRY | DRY | DRY | DRY |
| 5 | SUB HIMALAYAN WEST BENGAL & SIKKIM | ISOL | ISOL | DRY | DRY | ISOL | ISOL | ISOL |
| 6 | GANGETIC WEST BENGAL | ISOL | SCT | DRY | DRY | DRY | DRY | DRY |
| 7 | ODISHA | ISOL | ISOL | DRY | DRY | DRY | DRY | DRY |
| 8 | JHARKHAND | ISOL | ISOL | 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 | ISOL | DRY | DRY | DRY | DRY | DRY | DRY |
| 12 | UTTARAKHAND | ISOL | DRY | DRY | DRY | ISOL | ISOL | DRY |
| 13 | HARYANA, CHANDIGARH & DELHI | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| 14 | PUNJAB | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| 15 | HIMACHAL PRADESH | ISOL | DRY | DRY | DRY | ISOL | ISOL | DRY |
| 16 | JAMMU AND KASHMIR AND LADAKH | DRY | DRY | DRY | ISOL | ISOL | ISOL | DRY |
| 17 | WEST RAJASTHAN | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| 18 | EAST RAJASTHAN | ISOL | DRY | DRY | DRY | DRY | DRY | DRY |
| 19 | WEST MADHYA PRADESH | ISOL | DRY | DRY | DRY | DRY | DRY | DRY |
| 20 | EAST MADHYA PRADESH | ISOL | ISOL | 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 | ISOL | DRY | DRY | DRY | DRY | DRY | DRY |
| 24 | MADHYA MAHARASHTRA | ISOL | DRY | DRY | DRY | DRY | DRY | DRY |
| 25 | MARATHWADA | ISOL | ISOL | DRY | DRY | DRY | DRY | DRY |
| 26 | VIDARBHA | ISOL | ISOL | ISOL | DRY | DRY | DRY | DRY |
| 27 | CHHATTISGARH | ISOL | ISOL | ISOL | DRY | DRY | DRY | DRY |
| 28 | COASTAL ANDHRA PRADESH | ISOL | ISOL | ISOL | DRY | DRY | DRY | DRY |
| 29 | TELANGANA | ISOL | ISOL | ISOL | DRY | DRY | DRY | DRY |
| 30 | RAYALASEEMA | ISOL | ISOL | ISOL | DRY | DRY | DRY | DRY |
| 31 | TAMILNADU & PUDUCHERRY | ISOL | ISOL | ISOL | ISOL | ISOL | ISOL | ISOL |
| 32 | COSTAL KARNATAKA | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| 33 | NORTH INTERIOR KARNATAKA | ISOL | DRY | DRY | DRY | DRY | DRY | DRY |
| 34 | SOUTH INTERIOR KARNATAKA | ISOL | DRY | DRY | DRY | DRY | DRY | DRY |
| 35 | KERALA AND MAHE | SCT | ISOL | ISOL | ISOL | ISOL | ISOL | DRY |
| 36 | LAKSHADWEEP | FWS | SCT | SCT | DRY | DRY | DRY | DRY |

- As the lead period increases forecast accuracy decrease





- 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.

Detailed districtwise MultiHazard weather warning for next five days available at <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

Weather forecast over Delhi/NCR during 23rd to 26th February 2026**Past Weather:**

There has been slight rise in the minimum temperatures up to 01°C and rise in the maximum temperatures up to 01-02°C during past 24 hours over Delhi. The maximum temperatures over Delhi were around 28-30°C and the minimum temperatures were around 12°C-14°C respectively. The minimum temperatures are above normal (1.6°C to 3.0°C) at isolated places and normal (-1.5°C to 1.5°C) at many places over Delhi. The maximum temperatures were appreciably above normal (3.1°C to 5.0°C) at most places and above normal (1.6°C to 3.0°C) at isolated places of Delhi. Mainly clear sky with wind speed reaching up to 14 kmph from the west direction prevailed over past 24 hours. Mainly clear sky. Surface wind speed reaching up to 08 kmph from the west direction to be prevailed over the region in the forenoon today.

Weather Forecast:

23.02.2026: Mainly clear sky. Mist during night. The maximum temperatures are likely to be in the range of 29°C to 31°C. The maximum temperatures will be appreciably above normal (3.1 to 5.0°C) at most places and markedly above normal (5.1°C or more) at isolated places over Delhi. The predominant surface wind is likely to be from the northwest direction reaching up to 12 kmph during the afternoon hours. The wind speed will gradually decrease becoming less than 05 kmph from the northeast direction during evening and night.

24.02.2026: Mainly clear sky. Mist during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 29°C to 31°C and 12°C to 14°C respectively. The minimum temperature will be above normal (1.6°C to 3.0°C) and the maximum temperatures will be appreciably above normal (3.1 to 5.0°C) at most places & markedly above normal (5.1°C or more) at isolated places over Delhi. The predominant surface wind is likely to be from the southwest direction with wind associated with calm wind and reaching up to 05 kmph during the morning hours. The wind speed will increase becoming up to 16 kmph from northwest direction during the afternoon. The wind speed will gradually decrease becoming less than 05 kmph from the north direction during evening and night.

25.02.2026: Mainly clear sky. Surface winds (15-25 kmph) likely during the daytime. Mist during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 29°C to 31°C and 12°C to 14°C respectively. The minimum temperature will be near normal and the maximum temperatures will be appreciably above normal (3.1 to 5.0°C) at most places & above normal (1.6°C to 3.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from the west direction with wind speed associated with calm wind reaching up to 05 kmph during the morning hours. The wind speed will increase becoming up to 20 kmph from northwest direction during the afternoon. The wind speed will gradually decrease becoming less than 10 kmph from the north direction during evening and night.

26.02.2026: Mainly clear sky. Surface winds (15-25 kmph) likely during the daytime. Mist during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the ranges of 30°C to 32°C and 13°C to 15°C respectively. The minimum temperature will be above normal (1.6°C to 3.0°C) and the maximum temperatures will be appreciably above normal (3.1 to 5.0°C) at most places & markedly above normal (5.1°C or more) at isolated places over Delhi. The predominant surface wind is likely to be from the west direction with wind speed reaching up to 10 kmph during the morning hours. The wind speed will increase becoming up to 20 kmph from northwest direction in the afternoon. The wind speed will gradually decrease becoming less than 10 kmph from the west direction during evening and night.

Agromet advisories for likely impact of Above normal Temperatures

- In **Intermediate Zone** and **Valley Temperate Zone** of **Jammu and Kashmir**, apply light irrigation to wheat and mustard crops. Maintain optimum moisture in apple orchards.
- In **Himachal Pradesh**, provide light irrigation to wheat and early vegetables as per requirements.
- In **West Rajasthan**, provide need based light irrigation in wheat, mustard and chickpea.
- In **Punjab**, maintain optimum soil moisture through irrigation in mustard, gobhi sarson and potato.
- In **Haryana**, provide light irrigation to mustard and gram at flowering and pod formation stages.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

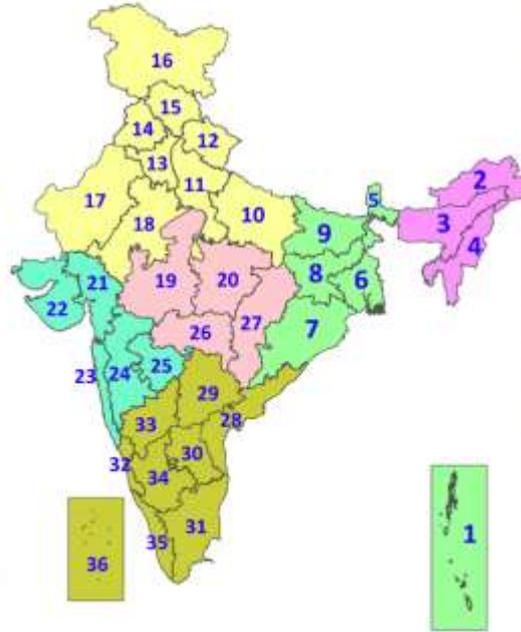
- Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

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.

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

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 * | <p>Heavy: 64.5 to 115.5 mm/cm *</p> <p>Very Heavy: 115.6 to 204.4 mm/cm*</p> <p>Extremely Heavy: > 204.4 mm/cm *</p> |
| Heat Wave | <p>When maximum temperature of a station reaches $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ for hilly regions</p> <p>(a) Based on Departure from normal</p> <p>Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C.</p> <p>Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$</p> <p>(b). Based on Actual maximum temperature</p> <p>Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$.</p> <p>Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$</p> <p>(c). Criteria for heat wave for coastal stations</p> <p>When maximum temperature departure is $>4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$</p> |
| Warm Night | <p>When maximum temperature remains 40°C</p> <p>Warm Night: When minimum temperature departure 4.5°C to 6.4°C.</p> <p>Severe Warm Night: When minimum temperature departure $>6.4^{\circ}\text{C}$.</p> |
| Cold Wave | <p>When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions.</p> <p>(a). Based on departure</p> <p>Cold Wave: Minimum Temperature Departure from normal -4.5°C to -6.4°C.</p> <p>Severe Cold Wave: Minimum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$</p> <p>(b) Based on actual Minimum Temperature (for Plains only)</p> <p>Cold Wave : When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$</p> <p>Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$</p> <p>(c) For Coastal Stations</p> <p>When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$</p> |
| Cold Day | <p>When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions</p> <p>Based on departure</p> <p>Cold Day: Maximum Temperature Departure from normal -4.5°C to -6.4°C.</p> <p>Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$</p> |
| Fog | <p>Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$</p> <p>Moderate Fog: When the visibility between 500-200 metres</p> <p>Dense Fog: when the visibility between 50- 200 metres</p> <p>Very Dense Fog: when the visibility < 50 metres</p> |
| Thunderstorm | <p>Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)</p> |
| Dust/Sand Storm | <p>An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.</p> |
| Frost | <p>Ice deposits on ground</p> <p>Air temperature $\leq 4^{\circ}\text{C}$ (over Plains)</p> |
| Squall | <p>A strong wind that rises suddenly, lasts for atleast 1 minute.</p> <p>Moderate: Wind speed 52-61 kmph</p> <p>Severe: Wind speed 62-67 kmph</p> <p>Very Severe: Wind speed >67 kmph</p> |
| Sea State | <p>Effect of various waves in the sea over specific area</p> <p>Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre</p> <p>High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre</p> <p>Phenomenal: Wind speed >117 kmph (>63 knots) & Wave height >14 metre</p> |
| Cyclone | <p>Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)</p> <p>Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)</p> <p>Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)</p> <p>Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)</p> <p>Super Cyclone Storm: Wind speed >220 kmph (>119 knots)</p> |

* 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
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