



Government of India  
Ministry of Earth Sciences  
India Meteorological Department



Press Release  
Date: 24<sup>th</sup> February 2026  
Time of Issue: 1330 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) Two Western Disturbances are likely to affect Western Himalayan region, the 1<sup>st</sup> from 27 February and 2<sup>nd</sup> from 2 March, 2026.**

**Realised weather during past 24 hours ending at 0830 hours IST of today, the 24<sup>th</sup> February, 2026:**

- ❖ **Dense to very Dense fog (visibility <50 m)** conditions prevailed in isolated pockets over Punjab, West Uttar Pradesh; **Dense fog (visibility 50-199 m)** conditions in isolated pockets over Himachal Pradesh.
- ❖ **Visibility Reported (In meters <200 m): Punjab:** Amritsar & Patiala 0m each; **West Uttar Pradesh:** Bareilly 0m, Sarsawa 100m; **Himachal Pradesh:** Bilaspur 100m.
- ❖ **Hailstorm** activity has been recorded at isolated places over East Madhya Pradesh, Chhattisgarh, Vidarbha, Odisha, Telangana.

**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, remaining parts of Himachal Pradesh & Uttarakhand, Sikkim, Assam & Meghalaya and **12-15°C** over Delhi, Rajasthan, Uttar Pradesh, Madhya Pradesh, Bihar and Jharkhand.
- ❖ **Minimum Temperature Departures** were **appreciably above normal** by **3-5°C** over Jammu-Kashmir, Himachal Pradesh, Rajasthan, Gujarat State, Madhya Pradesh, Bihar; **above normal (1.6°C to 3.1°C)** over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Maharashtra, Odisha, Assam & Meghalaya; some parts of South peninsular India and **near normal** over rest parts of the country. The **lowest minimum temperature** of **9.5°C** was observed at **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, Rajasthan, West Uttar Pradesh, Gujarat State, Vidarbha, Gangetic West Bengal; by **2-3°C** over Madhya Pradesh, Jharkhand, Konkan, Odisha, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya and **near normal** over rest parts of the country. These were in the range of **34-37°C** over West Rajasthan, Odisha, West & South Peninsular India; **30-34°C** over Delhi, Uttar Pradesh, remaining parts of Rajasthan, many parts of Central & East India, Assam & Meghalaya, Tripura; **25-30°C** over Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh, Manipur, Mizoram. The **highest maximum temperature** of **37.8°C** was observed at **Erode (Tamil Nadu)** over the plains of India.

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

- ❖ Yesterday's **low-pressure area** over southwest and adjoining areas of central Bay of Bengal moved nearly eastwards and lay over southeast Bay of Bengal at 0530 hrs IST of today and persisted over the same region at 0830 hrs IST of today, the 24<sup>th</sup> February, 2026. It is very likely to continue to move eastwards and weaken gradually during next 24 hrs.
- ❖ An upper air **cyclonic circulation** lies over northeast Assam & neighbourhood in lower tropospheric levels.
- ❖ An upper air **cyclonic circulation** lies over Gangetic West Bengal and adjoining north coastal Odisha in lower tropospheric levels.

- ❖ An upper air **cyclonic circulation** lies over Northeast Arabian Sea and adjoining Saurashtra & Kutch in lower tropospheric levels.
- ❖ 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 27<sup>th</sup> February, 2026.
- ❖ Another fresh **Western Disturbance** is likely to affect western Himalayan region from 2<sup>nd</sup> March, 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 on 24<sup>th</sup> & 25<sup>th</sup> February.
- ❖ **Isolated to scattered** light/moderate rainfall with **thunderstorm, lightning & gusty winds speed reaching (30-40 kmph)** likely over Gangetic West Bengal, Jharkhand, Odisha on 24<sup>th</sup>; with **thunderstorm & lightning** likely over East Madhya Pradesh, Sikkim, Arunachal Pradesh, Assam & Meghalaya, Coastal Andhra Pradesh & Yanam, Telangana, Lakshadweep on 24<sup>th</sup>; Chhattisgarh during 24<sup>th</sup>-26<sup>th</sup>; Vidarbha, Kerala & Mahe, Interior Karnataka and Tamil Nadu on 24<sup>th</sup> & 25<sup>th</sup> February.
- ❖ Isolated **light** rainfall/snowfall likely over Jammu-Kashmir, Himachal Pradesh and Uttarakhand on 27<sup>th</sup> & 28<sup>th</sup> February.

**Dense Fog Warnings:**

- ❖ **Dense fog conditions** likely during morning hours in isolated pockets over Punjab and Odisha till 25<sup>th</sup> February.

**Forecast of maximum temperatures:**

- ❖ Gradual rise in maximum temperature by 2-3°C likely over plains of Northwest India during next 7 days. Hence, **maximum temperatures are likely to be above normal by 3-5°C over many parts of Northwest India during the week.**
- ❖ Gradual rise in maximum temperature by 2-3°C likely over Central & East India during next 4 days and no significant change during subsequent 3 days.
- ❖ No significant change in maximum temperature likely over Maharashtra during next 2 days and gradual rise by 2-3°C during subsequent 5 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 most parts of southwest Bay of Bengal & adjoining parts of southwest, westcentral and eastcentral Bay of Bengal on 24<sup>th</sup> February.

**Arabian Sea:** No warning.

**Weather conditions and forecast over Delhi/NCR during 24<sup>th</sup>-27<sup>th</sup> February, 2026 (ANNEXURE III)**

**For more details, kindly refer National Weather Bulletin:**

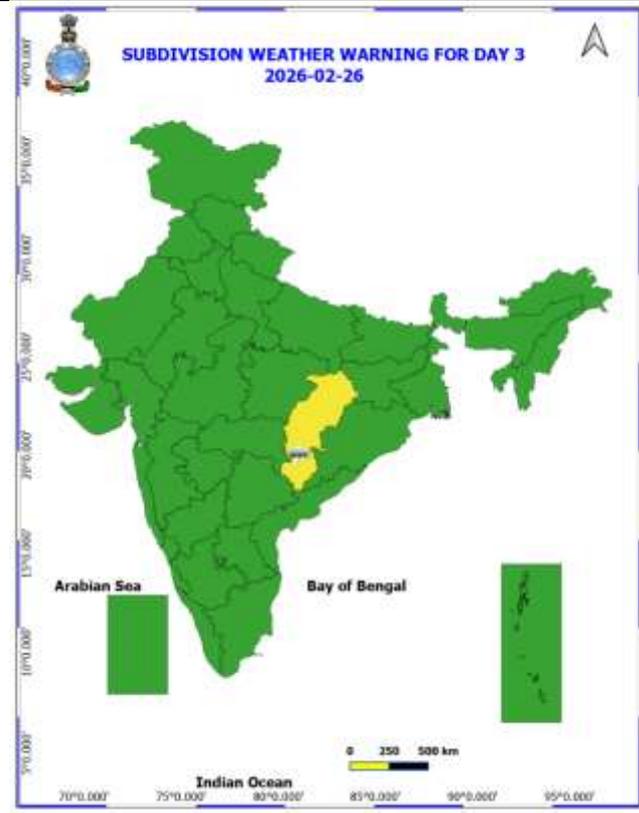
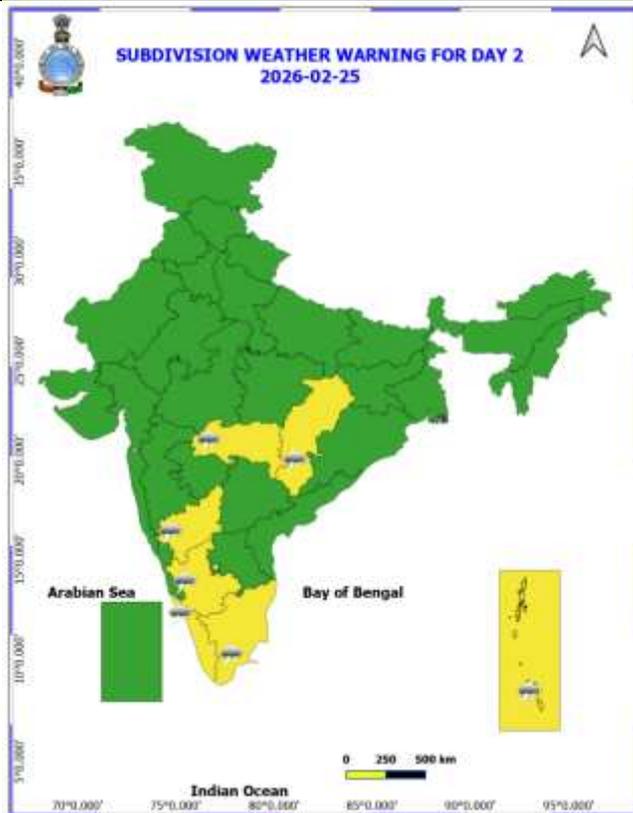
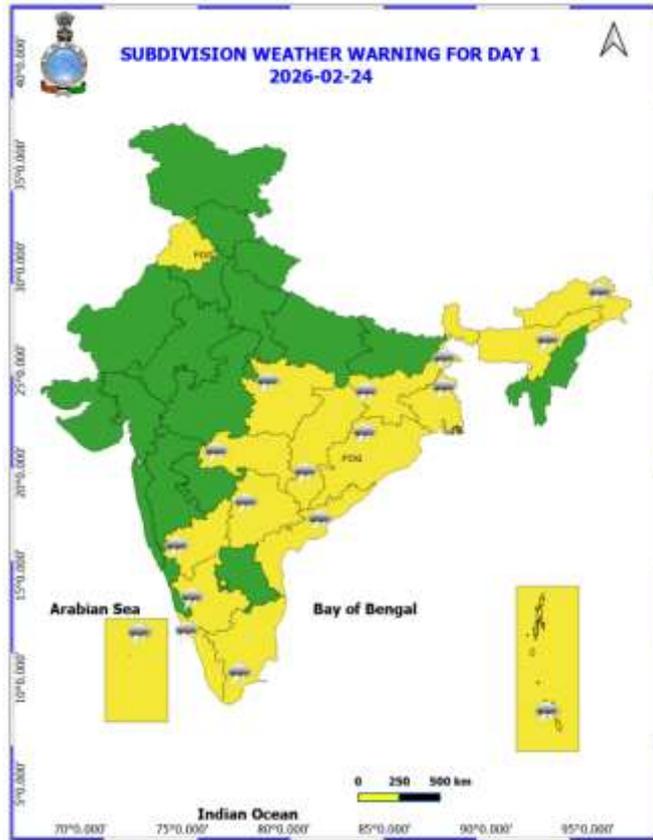
[https://mausam.imd.gov.in/responsive/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php)

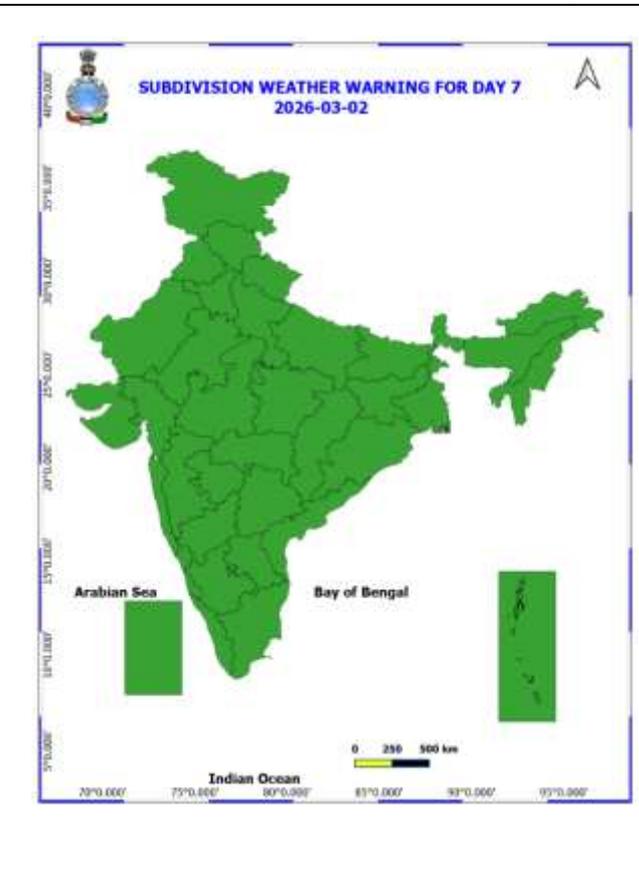
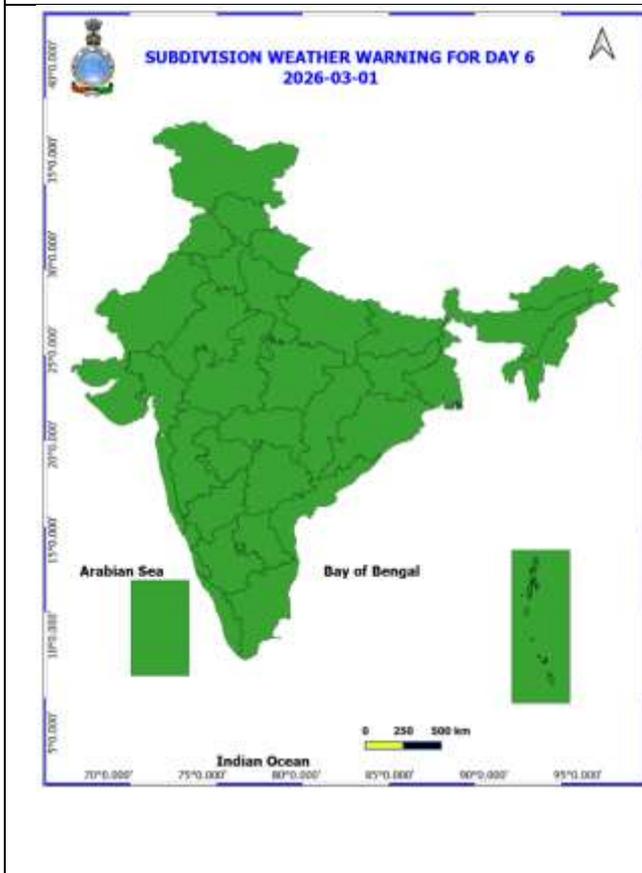
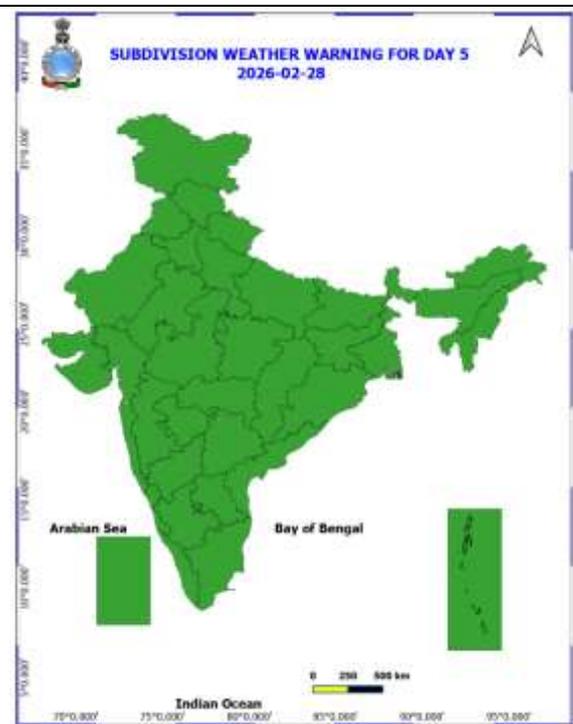
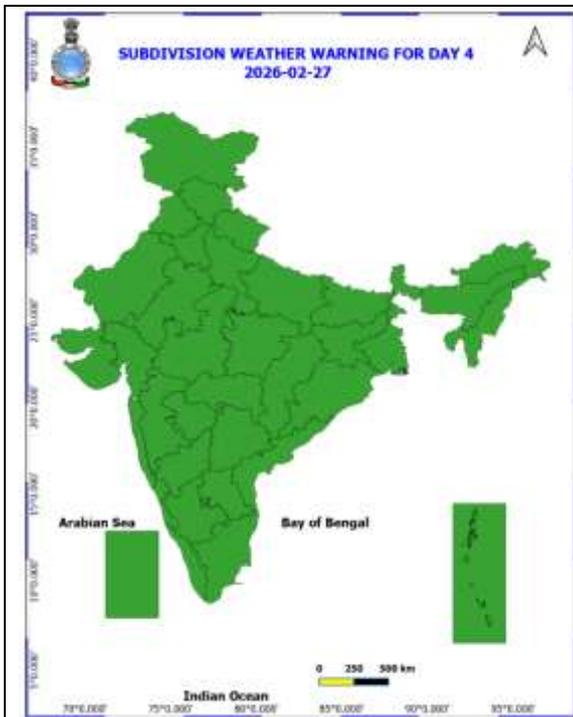
**For District wise warnings refer:** <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

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

Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	24- Feb	25- Feb	26- Feb	27- Feb	28- Feb	1- Mar	2- Mar
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS		FWS	SCT	SCT	SCT	DRY	DRY
2	ARUNACHAL PRADESH	ISOL	DRY	DRY	DRY	ISOL	ISOL	ISOL
3	ASSAM & MEHGHALAYA	ISOL	DRY	DRY	DRY	DRY	ISOL	ISOL
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
6	GANGETIC WEST BENGAL	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
7	ODISHA	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
8	JHARKHAND	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
9	BIHAR	DRY	DRY	DRY	DRY	DRY	DRY	DRY
10	EAST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
12	UTTARAKHAND	ISOL	DRY	DRY	ISOL	ISOL	DRY	DRY
13	HARYANA, CHANDIGARH & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	DRY	DRY	DRY	ISOL	ISOL	DRY	DRY
16	JAMMU AND KASHMIR AND LADAKH	DRY	DRY	DRY	ISOL	ISOL	DRY	ISOL
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	ISOL	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	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
25	MARATHWADA	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
27	CHHATTISGARH	ISOL	ISOL	ISOL	DRY	DRY	ISOL	ISOL
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
29	TELANGANA	SCT	ISOL	DRY	DRY	DRY	DRY	DRY
30	RAYALASEEMA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	DRY
32	COSTAL KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
34	SOUTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
35	KERALA AND MAHE	SCT	SCT	ISOL	ISOL	ISOL	ISOL	DRY
36	LAKSHADWEEP	SCT	SCT	DRY	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 Multi Hazard weather warning for next five days available at  
<https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

**Weather forecast over Delhi/NCR during 24<sup>th</sup> to 27<sup>th</sup> February 2026****Past Weather:**

There has been no large change in the minimum temperatures and rise in the maximum temperatures up to 01°C during past 24 hours over Delhi. The maximum temperatures over Delhi were around 29-31°C and the minimum temperatures are 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 remaining part of Delhi. The maximum temperatures were markedly above normal (5.1°C or more) at isolated places and appreciably above normal (3.1°C to 5.0°C) at most places over Delhi. Mainly clear sky with wind speed reaching up to 14 kmph from the northwest direction prevailed over past 24 hours. Mainly clear sky. Surface wind speed reaching up to 06 kmph from the west direction to be prevailed over the region in the forenoon today.

**Weather Forecast:**

**24.02.2026:** Mainly clear sky. Mist during night hours. 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 north-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.

**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 temperature will be appreciably above normal (3.1 to 5.0°C) at most places over Delhi. The predominant surface wind is likely to be from 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 18 kmph from northwest direction during the afternoon. The wind speed will gradually decrease becoming less than 10 kmph from the west 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 range 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) at most places and the maximum temperature will be appreciably above normal (3.1 to 5.0°C) at most places with 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 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 during the afternoon. The wind speed will gradually decrease becoming less than 15 kmph from the north-northwest direction during evening and night.

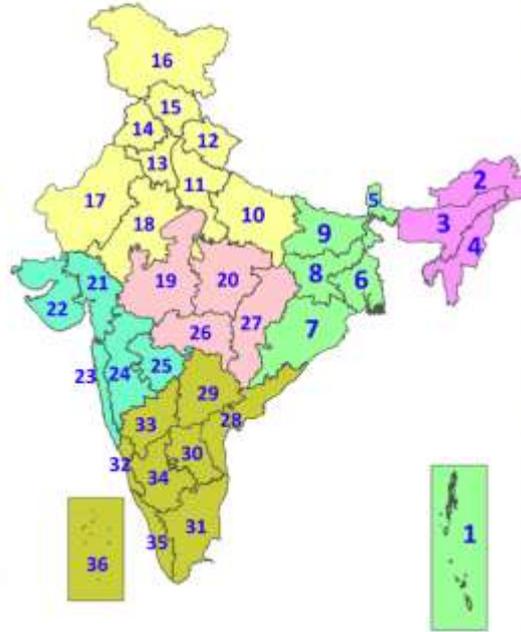
**27.02.2026:** Mainly clear sky. Mist during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the ranges of 31°C to 33°C and 14°C to 16°C respectively. The minimum temperature will be above normal (1.6°C to 3.0°C) at most places and the maximum temperature will be appreciably above normal (3.1 to 5.0°C) at most places with markedly above normal (5.1°C or more) at isolated places over Delhi. The predominant surface wind is likely to be from the west-southwest direction with wind speed reaching up to 10 kmph during the morning hours. The wind speed will increase becoming up to 12 kmph from northwest direction in the afternoon. The wind speed will gradually decrease becoming less than 05 kmph from the north direction during evening and night.

### 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

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