

Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 07th March, 2025

Time of Issue: 1315 hours IST

Subject: Scattered to fairly widespread light to moderate rainfall/snowfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Himachal Pradesh during 09th -13th March, 2025.

i. Realised weather during past 24 hours till 0830 hours IST of today, the 07th March 2025:

- ❖ Light to moderate **Rainfall/Snowfall** observed at isolated places over Arunachal Pradesh. Light **Rainfall** observed at isolated places over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Coastal Andhra Pradesh & Yanam and Kerala & Mahe.
- ❖ For more details of realised weather, kindly refer **Annexure I**

Temperature:

- ❖ For temperature observations during past 24 hours till 0830 hours IST of today are provided in **Annexure II**

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

- ❖ A fresh **Western Disturbance** is likely to affect Western Himalayan region from 09th March, 2025. Under its influence;
 - ✓ **Scattered to fairly widespread** light/moderate rainfall/snowfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 09th – 13th and **Isolated to Scattered** light/moderate rainfall/snowfall likely over Himachal Pradesh during 09th – 13th and Uttarakhand during 10th -13th March. **Isolated** light/moderate rainfall likely over Punjab on 12th & 13th March.
- ❖ A **trough** runs roughly along Long. 90°E to the north of Lat. 25° in lower tropospheric levels. Under its influence,
 - ✓ **Isolated to Scattered light/moderate rainfall/snowfall** accompanied with **thunderstorm and lightning** likely over Arunachal Pradesh on 07th & 08th; **Isolated to Scattered light/moderate rainfall** accompanied with **thunderstorm and lightning** over Assam & Meghalaya, Sikkim on 07th & 08th; and over Nagaland on 07th March.
- ❖ **Isolated to Scattered** light/moderate rainfall accompanied with **thunderstorm & lightning** likely over Tamilnadu Puducherry & Karaikal and Kerala & Mahe on 10th & 11th; Lakshadweep and South Interior Karnataka on 11th March with isolated **heavy rainfall** over Tamilnadu Puducherry & Karaikal on 11th March.

Temperature Forecast:

Forecast of temperature:

Maximum temperature:

- ❖ Gradual rise in maximum temperatures by 2-4°C likely over Northwest & Central India during next 3-4 days and no significant change thereafter.
- ❖ Gradual rise in maximum temperatures by 3-5°C likely over East & West India during next 4-5 days.
- ❖ No significant change in maximum temperatures likely over rest parts of the country.

Hot & Humid weather warning:

- ❖ **Hot and humid weather** very likely to prevail over Konkan & Goa and Coastal Karnataka on 07th & 08th; Gujarat Region during 09th -11th; Kerala & Mahe during 07th-09th; Coastal Andhra Pradesh & Yanam on 08th March.

Heat Wave Warning:

- ❖ **Heat wave** very likely to prevail over Coastal Andhra Pradesh & Yanam on 07th; Konkan & Goa during 09th - 11th and Madhya Maharashtra on 11th March.

Fishermen Warnings:

- ❖ Fishermen are advised not to venture into many parts of southwest Bay of Bengal and along and off Sri Lanka coast, Gulf of Mannar and adjoining Comorin area, along and off south Tamil Nadu coast on 11th March.

iii. Weather conditions and forecast over Delhi/NCR during 07th March to 10th March. 2025 (Annexure V)

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>

ANNEXURE I**Significant weather reported during past 24 hours till 0830 hours IST of today:****Rainfall/snowfall recorded (in cm)**

- ❖ **Arunachal Pradesh:** Lamang_2 AWS (dist Shiyomi) 2

- ❖ Maximum temperatures were in the range of 35-40°C at many places over West India, Coastal Andhra Pradesh & Yanam, Tamilnadu, Puducherry & Karaikal and Kerala & Mahe; at a few places over Karnataka, Telangana, Rayalaseema; at isolated places over Chhattisgarh; 30 -35°C at many places over Central India, Rajasthan, Gangetic West Bengal & Odisha; at isolated places over Jharkhand, Assam & Tripura; 25 -30°C at many places over Uttar Pradesh, Bihar & Meghalaya; at a few places over Haryana, Chandigarh & Delhi; at isolated places over Punjab. Yesterday, the highest maximum temperature of **39.2°C** was reported at **Erode (Tamil Nadu)** over the country.
- ❖ During the past 24 hours, maximum temperatures had fallen by 1-4°C at many places over East India and Assam & Meghalaya; at isolated places over Telangana. It had risen by 4-6°C at some places over Rajasthan; by 1-4°C at many places over Jammu-Kashmir, Himachal Pradesh, Uttar Pradesh, Gujarat State and Central India; at some places over Maharashtra; at isolated places over Uttarakhand, Punjab, Haryana, Chandigarh & Delhi and Coastal Andhra Pradesh & Yanam.
- ❖ Maximum temperatures **were appreciably above normal (3°C to 5°C)** at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, West Rajasthan, Saurashtra & Kutch and Konkan & Goa; **above normal (1°C to 3°C)** at a few places over Madhya Maharashtra and Coastal Karnataka; at isolated places over Coastal Andhra Pradesh & Yanam, Telangana, Gujarat Region and Uttarakhand. These were **below normal (-3°C to -1°C)** at a few places over East Uttar Pradesh, Sub-Himalayan West Bengal & Sikkim; at isolated places over Gangetic West Bengal, Bihar, West Uttar Pradesh and Madhya Pradesh and near normal over rest parts of the country.

Fig. 1: Maximum Temperatures

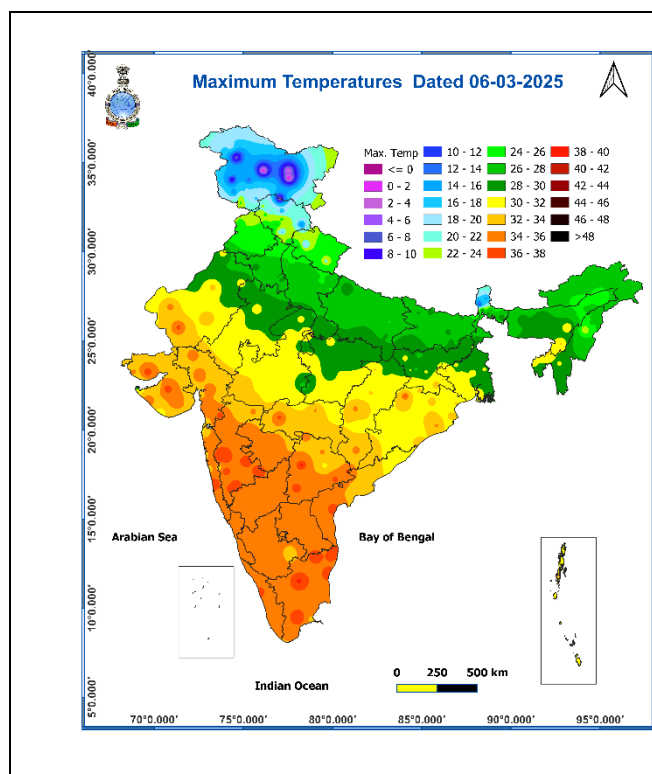
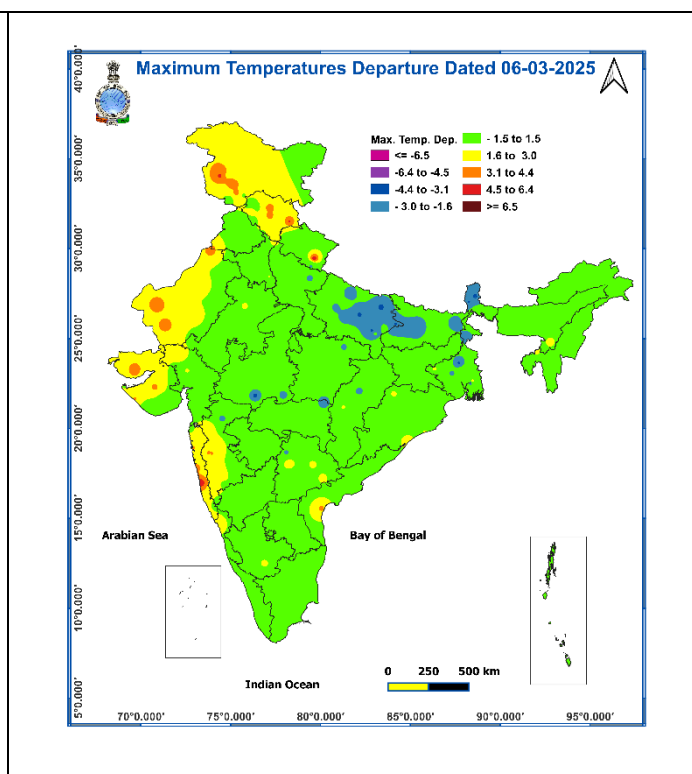


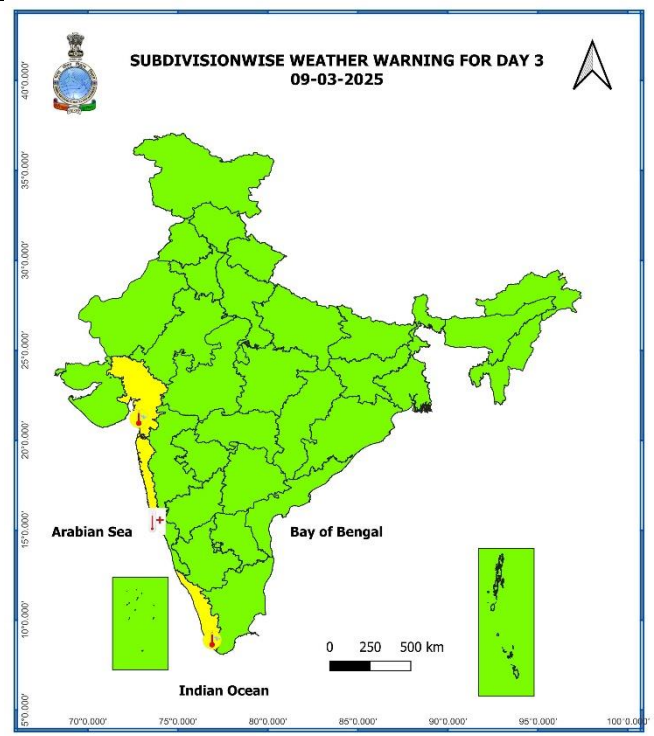
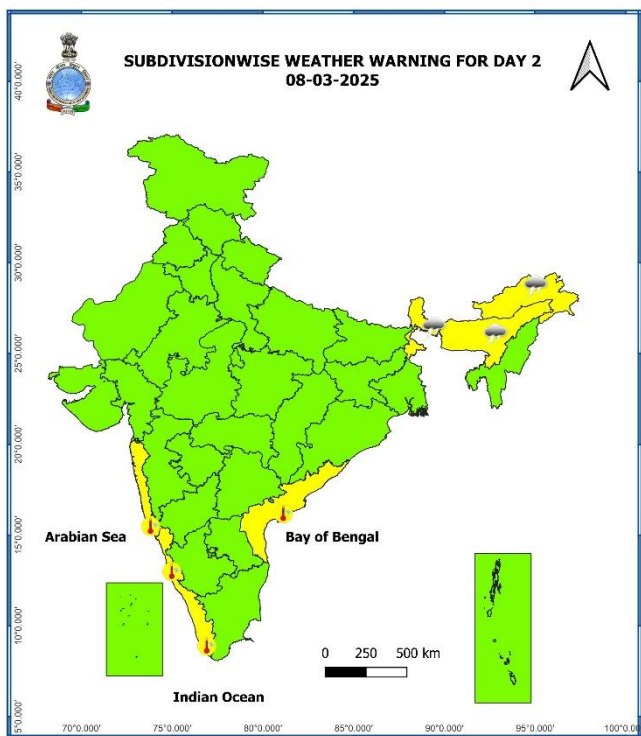
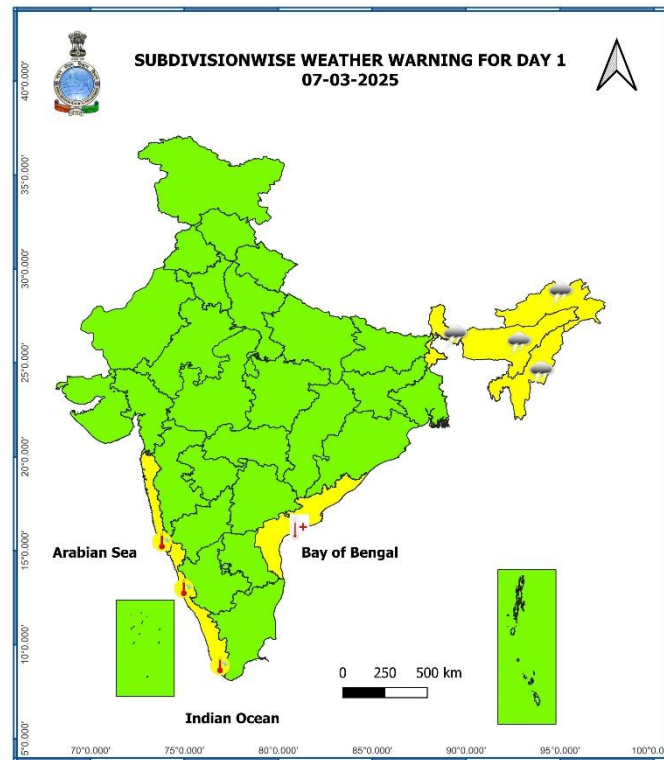
Fig. 2: Departure of Maximum Temperatures

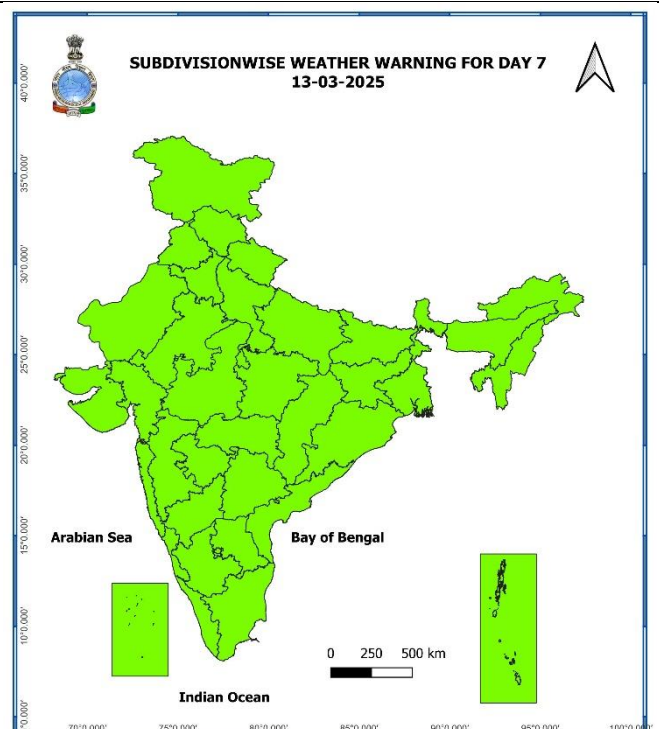
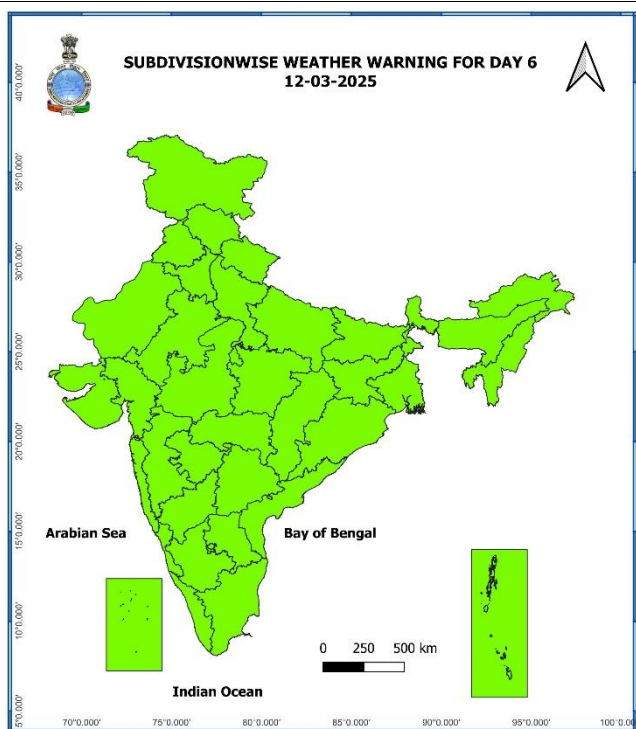
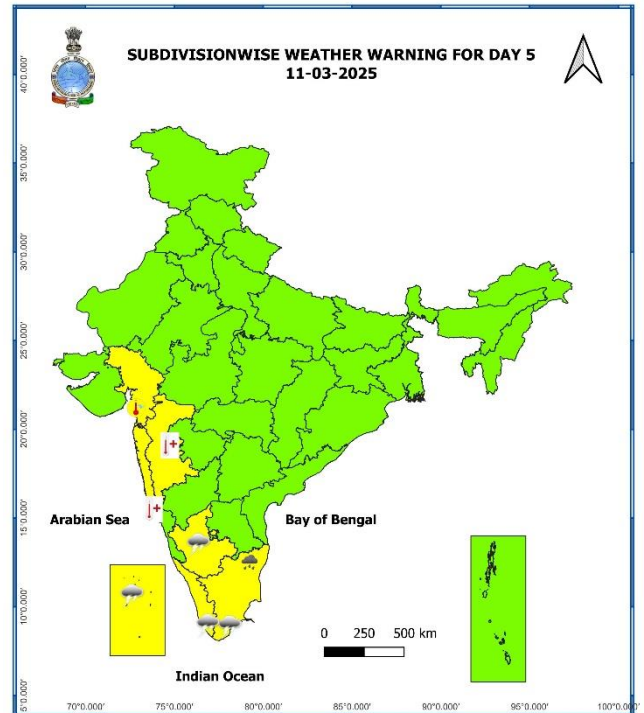
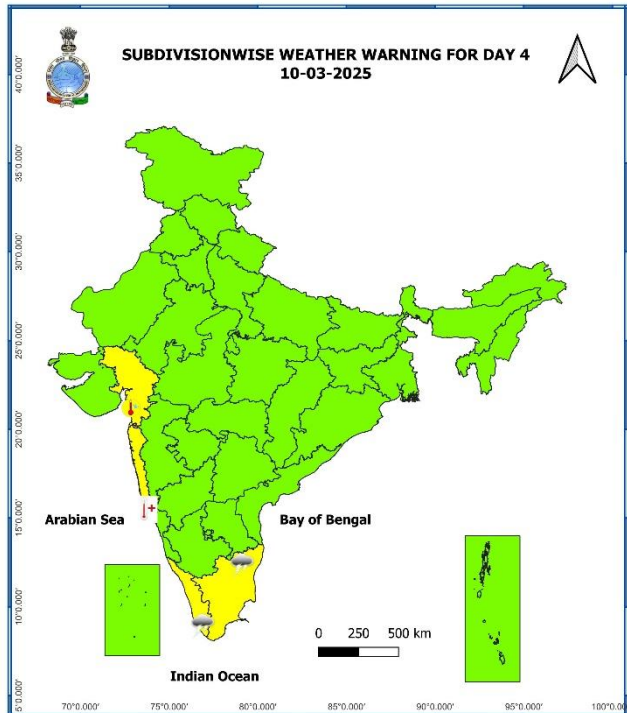


7 Days Rainfall Forecast

S. No.	Subdivision	07-Mar	08-Mar	09-Mar	10-Mar	11-Mar	12-Mar	13-Mar
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	SCT	FWS	WS	FWS	FWS	SCT	FWS
2	ARUNACHAL PRADESH	SCT	SCT	ISOL	ISOL	SCT	SCT	SCT
3	ASSAM & MEGHALAYA	ISOL	ISOL	DRY	DRY	ISOL	ISOL	ISOL
4	NAGALAND, MANIPUR, MIZORAM & TRIPURA	ISOL	ISOL	DRY	DRY	ISOL	ISOL	SCT
5	SUB-HIMALAYAN WEST BENGAL & SIKKIM	SCT	SCT	ISOL	ISOL	ISOL	SCT	SCT
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	ISOL	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	ISOL	SCT
13	HARYANA CHANDIGARH & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
15	HIMACHAL PRADESH	DRY	DRY	ISOL	SCT	SCT	SCT	SCT
16	JAMMU & KASHMIR AND LADAKH	DRY	DRY	ISOL	FWS	SCT	SCT	FWS
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
21	GUJARAT REGION	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
25	MARATHAWADA	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 & YANAM	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 & KARAIKAL	DRY	DRY	DRY	ISOL	FWS	SCT	ISOL
32	COASTAL KARNATAKA	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
34	SOUTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL
35	KERALA & MAHE	ISOL	ISOL	ISOL	ISOL	SCT	SCT	SCT
36	LAKSHADWEEP	DRY	DRY	DRY	DRY	FWS	FWS	SCT

- As the lead period increases forecast accuracy decreases.





- 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 Multi Hazard weather warning for next five days available at
<https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

Weather forecast over Delhi/NCR during 07th Mar. to 10th Mar. 2025**Past Weather:**

There has been a fall in minimum temperatures up to 2°C and an appreciable rise in maximum temperatures up to 3°C over Delhi/NCR during the past 24 hours. The maximum and minimum temperatures over Delhi are in the range of 27 to 29°C and 10 to 11°C, respectively. The minimum temperature was below normal up to 04°C, and the maximum temperature was near normal in most places. Mainly clear sky conditions with predominant surface wind from the northwest direction with wind speeds less than 20 to 24 kmph and gusty wind upto 40 kmph till afternoon and calm wind during night on March 06 2025. Mainly clear sky conditions with wind speed less than 10 kmph from the northwest direction prevailed over the region in the forenoon today.

Weather Forecast:

07.03.2025: Mainly cloudy sky. Mist likely in the morning. The maximum temperatures over Delhi are likely to be in the range of 29 to 31°C. The wind speed will likely be in the range of 12-14 kmph from the northwest direction during the afternoon. It will decrease becoming, less than 08 kmph from the north direction during evening and night.

08.03.2025: Mainly clear sky. Mist likely in the morning. The maximum and minimum temperatures over Delhi are likely to be in the range of 30 to 32°C and 11 to 13°C, respectively. The predominant surface wind will likely be from the northwest direction with a wind speed of 06-08 kmph during morning hours. The wind speed will gradually increase thereafter becoming, 10-12 kmph from the northwest direction during the afternoon. It will decrease, becoming less than 06 kmph from the northeast direction during evening and night.

09.03.2025: Mainly clear sky becoming partly cloudy sky from the afternoon. Mist likely in the morning. The maximum and minimum temperatures over Delhi are likely to be in the range of 31 to 33°C and 13 to 15°C, respectively. The predominant surface wind will likely be from the southeast direction with a wind speed of 04-06 kmph during morning hours. The wind speed will gradually increase becoming 08-10 kmph from the southeast direction in the afternoon. It will decrease becoming less than 08 kmph from the southeast direction during evening and night.

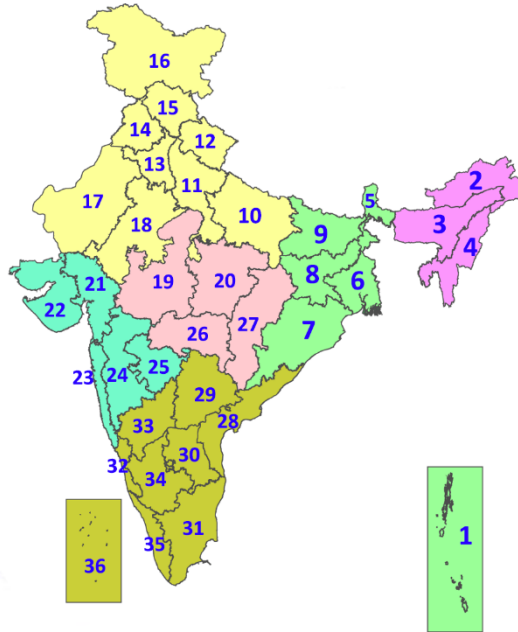
10.03.2025: Mainly clear sky becoming partly cloudy sky from afternoon. Mist likely in the morning. The maximum and minimum temperatures over Delhi are likely to be in the range of 32 to 34°C and 15 to 17°C, respectively. The predominant surface wind will likely be from the east direction with a wind speed of 06-08 kmph during morning hours. The wind speed will gradually increase becoming 10-12 kmph from the south direction in the afternoon. It will decrease becoming less than 08 kmph from the northeast 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; **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.

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 *

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 $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ 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 $\geq 6.5^{\circ}\text{C}$

(b). Based on Actual maximum temperature

Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$.

Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$

(c). Criteria for heat wave for coastal stations

When maximum temperature departure is $> 4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$

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 $> 6.4^{\circ}\text{C}$.

Cold Wave

When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ 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 $\leq -6.5^{\circ}\text{C}$

(b) Based on actual Minimum Temperature (for Plains only)

Cold Wave : When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$

Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$

(c) For Coastal Stations

When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$

Cold Day

When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ 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 $\leq -6.5^{\circ}\text{C}$

Fog

Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$

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 $\leq 4^{\circ}\text{C}$ (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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(Service to the Nation since 1875)

Hot and Humid: When maximum temperatures remain 3°C above normal along with the above normal relative humidity.