



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 07th March 2026
Time of Issue: 1415 hours IST

Subject: i) Day temperatures likely to continue to remain above normal by 8-12°C over Jammu-Kashmir & Himachal Pradesh; by 6-8°C over remaining parts of plains of Northwest India during next 4 days till 09th March and decrease thereafter by 5-7°C during subsequent 2 days.
ii) Under the influence of fresh Western Disturbances, scattered light rainfall/snowfall likely over Western Himalayan Region during 09th-11th March.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 07th March, 2026:

- ❖ **Heat wave to severe heat wave conditions** prevailed in isolated pockets over Himachal Pradesh and **Heat wave conditions** in isolated pockets over Coastal Andhra Pradesh.

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

- ❖ **Maximum/Day Temperatures** were in the range of 37-41°C over many places of interior Maharashtra, Telangana, Andhra Pradesh & Rajasthan; some places of North Interior Karnataka; 31-36°C over remaining parts of plains of India. The highest maximum temperature of **40.8°C** is reported at **Amravati (Maharashtra)**.
- ❖ **Maximum/Day temperatures** were markedly above normal by 8-12°C at most places over Jammu & Kashmir, Himachal Pradesh, Punjab; markedly to appreciably above normal by 3-7°C over Haryana-Chandigarh-Delhi and West Rajasthan; at many places over East Rajasthan; at a few places over Arunachal Pradesh, Assam & Meghalaya, West Uttar Pradesh and Coastal Andhra Pradesh & Yanam; at isolated places over Sub Himalayan West Bengal, Madhya Pradesh and Vidarbha, Chhattisgarh, Nagaland, Manipur, Mizoram & Tripura, Uttarakhand and Marathwada, East Uttar Pradesh, Gangetic West Bengal, Bihar, Saurashtra & Kutch, Madhya Maharashtra, Telangana, Rayalaseema and Tamil Nadu, Puducherry & Karaikal; above normal (1.6°C to 3.0°C) at many places over Gujarat Region and Konkan & Goa; at a few places over Jharkhand and North Interior Karnataka; at isolated places over Odisha, South Interior Karnataka and Kerala & Mahe and near normal over remaining parts of the country.
- ❖ **Minimum/night temperatures** were in the range of 14-18°C over Jammu division, Himachal Pradesh, Punjab, Haryana, Chandigarh, Delhi, Uttar Pradesh, Rajasthan, Madhya Pradesh, Chhattisgarh, south Odisha, Saurashtra & Kutch, Maharashtra, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya; 18-22°C over remaining parts of the plains of the country. **The lowest minimum temperature of 10.9°C was observed at Fatehpur AWS (Rajasthan) over the plains of India.**
- ❖ **Minimum/night Temperature** were markedly above normal by (>5.0°C) over Jammu-Kashmir, Himachal Pradesh, Punjab, Chandigarh, Uttar Pradesh, Bihar; appreciably above normal by 2-5°C over Uttarakhand, Haryana, Delhi, Madhya Pradesh, Jharkhand, Odisha, West Bengal & Sikkim, Assam & Meghalaya, Gujarat State, Konkan & Goa. It is near normal over rest parts of the country.

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

- ❖ An upper air **cyclonic circulation** lies over Odisha & neighbourhood and a **trough** runs from this cyclonic circulation to northwest Uttar Pradesh in lower tropospheric levels.
- ❖ Another **trough** runs from the above cyclonic circulation over Odisha & neighbourhood to coastal Karnataka in lower tropospheric levels.
- ❖ A **trough** runs roughly along Long. 88°E to the north of Lat. 20°N in lower tropospheric levels.
- ❖ An upper air **cyclonic circulation** lies over Haryana & neighbourhood in lower tropospheric levels.
- ❖ **Subtropical westerly Jet Stream** with core winds of the order of 110 knots at 12.6 km above mean sea level continues to prevail over Northwest India.
- ❖ The **Western Disturbance** as a trough in middle level tropospheric westerlies runs roughly along Long. 59°E to the north of Lat. 30°N.
- ❖ A fresh **Western Disturbance** is likely to affect Western Himalayan region from 09th March, 2026.

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

- ❖ **Isolated to scattered** light rainfall/snowfall likely over Jammu-Kashmir, Himachal Pradesh and Uttarakhand during 07th -13th March; **Fairly widespread** light rainfall/snowfall likely over Jammu-Kashmir on 11th March.
- ❖ **Isolated to Scattered** light/moderate rainfall with **thunderstorm, lightning & gusty winds speed reaching (30-50 kmph)** likely over Jammu-Kashmir on 09th & 10th; Himachal Pradesh on 11th; Odisha during 07th-09th; Sub-Himalayan West Bengal & Sikkim during 08th-10th; Gangetic West Bengal & Bihar on 09th & 10th; Jharkhand during 09th-11th March; with **thunderstorm & lightning** over Jammu-Kashmir on 07th; Sub-Himalayan West Bengal & Sikkim on 11th; Arunachal Pradesh, Assam & Meghalaya during 09th-13th; Nagaland, Manipur, Mizoram & Tripura during 10th-13th and Kerala & Mahe, Coastal Andhra Pradesh & Yanam on 08th & 09th March.

Heat Wave and Hot & Humid weather Warnings:

- ❖ **Heat wave conditions** very likely in isolated pockets over Himachal Pradesh, Vidarbha on 07th & 08th; West Rajasthan on 10th & 11th March.
- ❖ **Hot & humid conditions** very likely to prevail in isolated pockets over Konkan on 09th; coastal areas of Gujarat Region on 09th & 10th; coastal areas of Saurashtra & Kutch during 09th-11th March.
- ❖ **Hot & humid conditions** very likely to prevail at many places over south & central Coastal Andhra Pradesh and adjoining districts of Rayalaseema and north Tamil Nadu with isolated **heat wave conditions** likely on 07th & 08th March.

Forecast of maximum/day temperatures:

- ❖ No significant change in maximum temperature likely over Western Himalayan region during next 3 days and gradual fall by 5-7°C during subsequent 4 days. Over the plains of Northwest India, gradual rise in maximum temperature by 2-3°C during next 5 days and no significant change during subsequent 2 days. **Hence, Day temperatures likely to continue to remain above normal by 8-12°C over Jammu-Kashmir & Himachal Pradesh; by 6-8°C over remaining parts of plains of Northwest India during next 4 days till 09th March and decrease thereafter by 5-7°C during subsequent 2 days.**
- ❖ Gradual rise in maximum temperatures by 2-3°C likely over Madhya Pradesh during next 24 hours and no significant change during subsequent 6 days.
- ❖ No significant change in maximum temperature likely over Vidarbha & Chhattisgarh during next 5 days and gradual rise by 2-3°C during subsequent 2 days.
- ❖ No significant change in maximum temperature likely over East India during next 3 days and gradual rise by 2-3°C during subsequent 4 days.
- ❖ Gradual rise in maximum temperatures by 2-3°C likely over Maharashtra and Gujarat State during next 4 days and no significant change during subsequent 3 days.
- ❖ No significant change in maximum temperature likely over South Peninsular India during next 5 days and gradual rise by 2-3°C during subsequent 2 days.
- ❖ No significant change in maximum temperatures likely over rest parts of the country.

Weather conditions and forecast over Delhi/NCR during 07th-10th March, 2026 (ANNEXURE III)

For more details, kindly refer National Weather Bulletin:

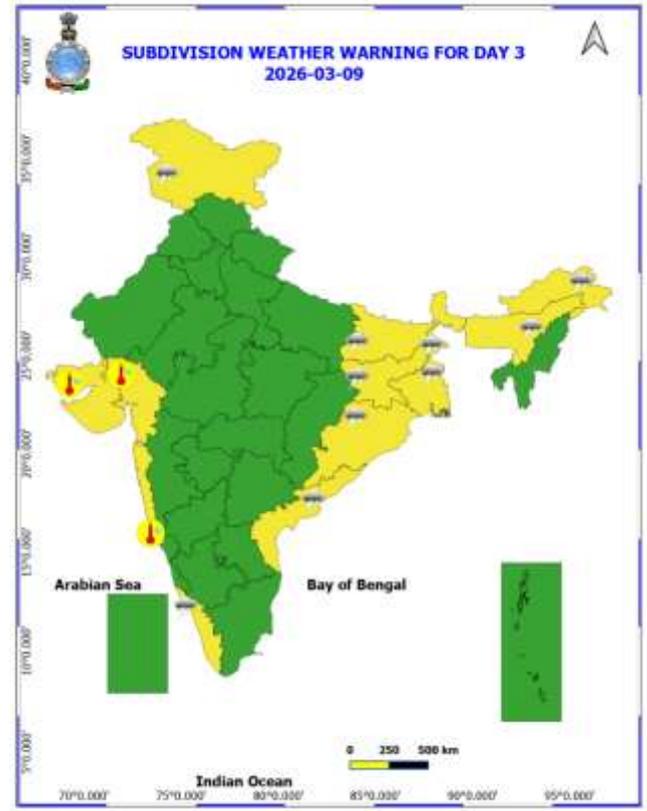
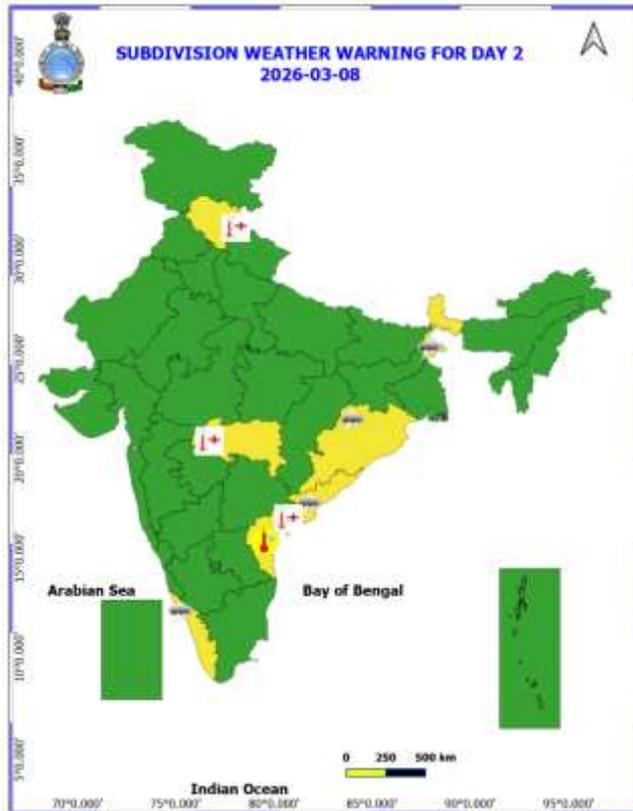
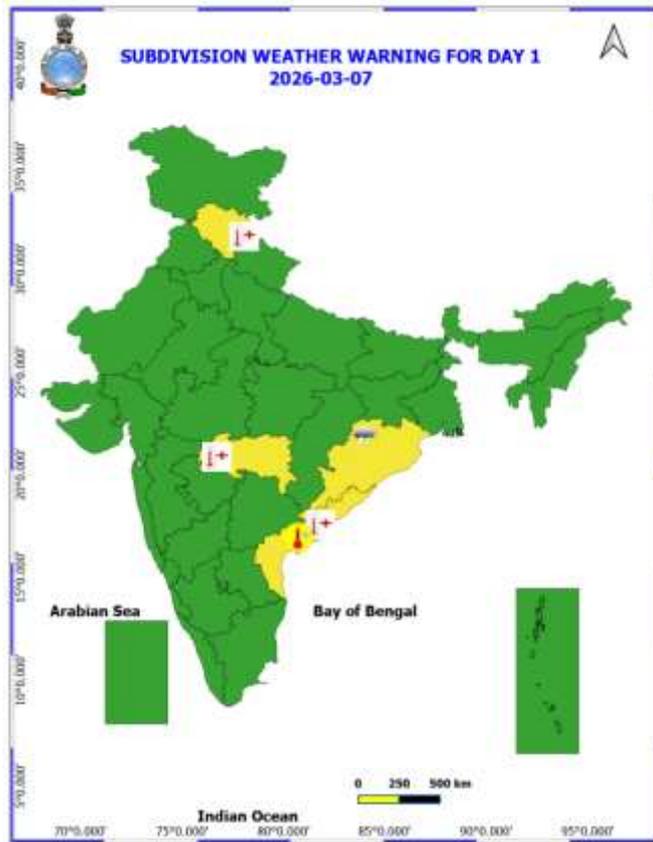
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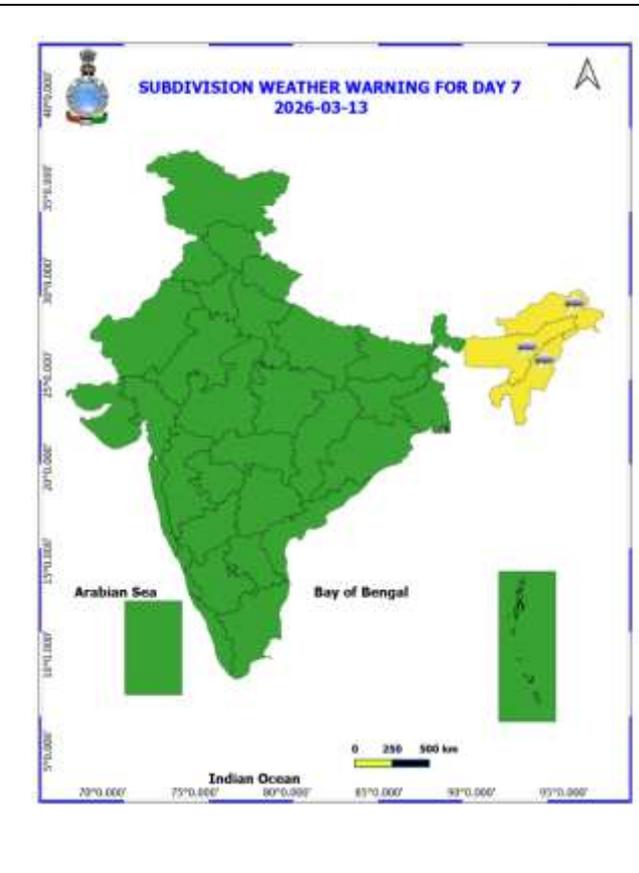
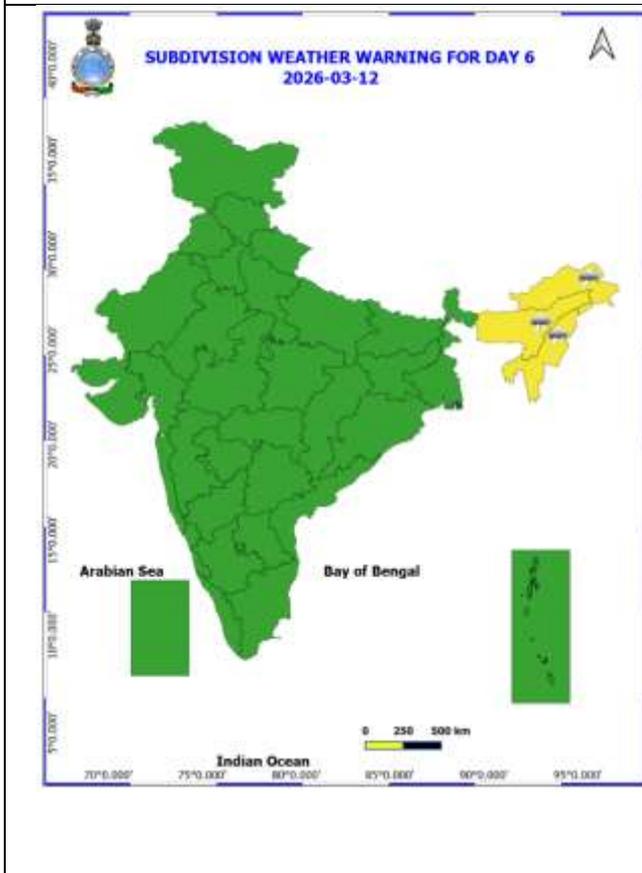
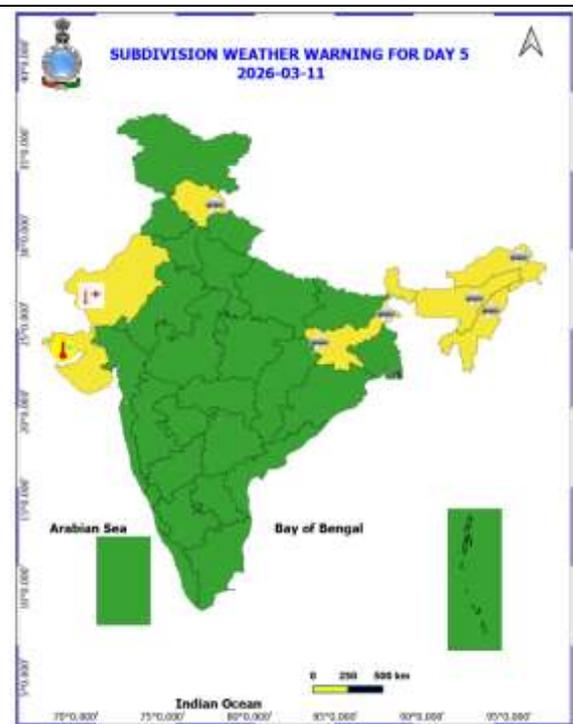
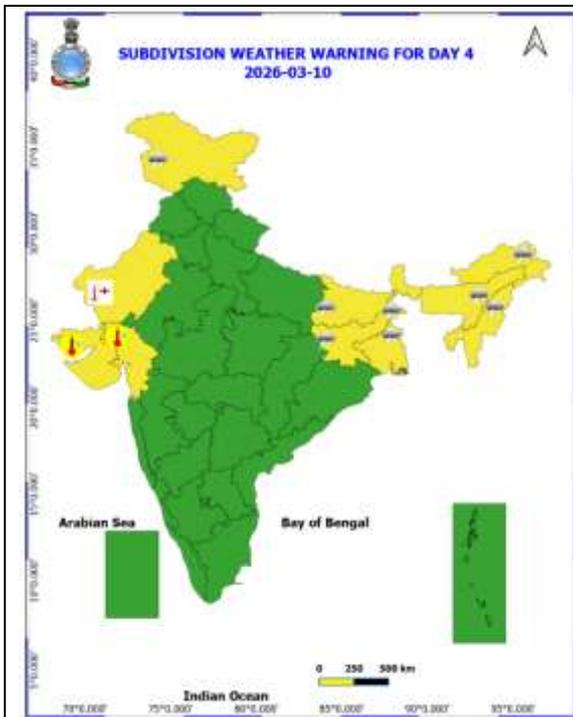
For District wise warnings refer: <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

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

Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	7- Mar	8- Mar	9- 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	DRY	SCT	SCT	SCT	ISOL	ISOL	ISOL
2	ARUNACHAL PRADESH	DRY	ISOL	ISOL	ISOL	SCT	SCT	SCT
3	ASSAM & MEHGHALAYA	DRY	ISOL	ISOL	ISOL	SCT	SCT	SCT
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	DRY	DRY	ISOL	ISOL	ISOL	ISOL	ISOL
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	ISOL	ISOL	SCT	SCT	SCT	SCT	SCT
6	GANGETIC WEST BENGAL	DRY	ISOL	SCT	SCT	ISOL	DRY	DRY
7	ODISHA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
8	JHARKHAND	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	DRY
9	BIHAR	DRY	DRY	ISOL	ISOL	ISOL	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	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
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	ISOL	ISOL	SCT	SCT	SCT
16	JAMMU AND KASHMIR AND LADAKH	ISOL	ISOL	ISOL	SCT	FWS	SCT	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	DRY	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
21	GUJRAT 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	MARATHWADA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
27	CHHATTISGARH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
28	COASTAL ANDHRA PRADESH	DRY	ISOL	ISOL	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	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
33	NORTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
34	SOUTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
35	KERALA AND MAHE	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
36	LAKSHADWEEP	SCT	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 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 to 10th March 2026**Past Weather:**

There has been no large change in the minimum temperature and the maximum temperature during the past 24 hours over Delhi. The maximum temperatures were in the range of 33-35°C, and the minimum temperatures were in the range of 17-19°C, respectively, during the past 24 hours over Delhi. The minimum temperatures are appreciably above normal (3.1°C to 5.0°C) at most places over Delhi. The maximum temperatures were markedly above normal (5.1°C or more) at most places over Delhi. Mainly clear sky with surface wind from the southwest direction reaching up to 18 kmph prevailed during the past 24 hours. Mainly clear sky with calm surface wind is expected to prevail over the region in the forenoon today.

Weather Forecast:

07.03.2026: Mainly clear sky. The maximum temperatures over Delhi are likely to be in the range of 34°C to 36°C. The maximum temperatures will be appreciably above normal (3.1°C to 5.0°C) at many places and markedly above normal (5.0°C or more) at isolated places over Delhi. The predominant surface wind is likely to be from the northeast direction associated with calm wind reaching upto 05 kmph during the afternoon hours. The wind speed will gradually decrease, becoming less than 05 kmph from the south direction during the evening and night.

08.03.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 34°C to 36°C and 16°C to 18°C, respectively. The minimum temperature will be above normal (1.6°C to 3.0°C) at many places and appreciably above normal (3.1°C to 5.0°C) at isolated places. The maximum temperature will be appreciably above normal (3.1°C to 5.0°C) at many places and markedly above normal (5.0°C or more) at isolated places over Delhi. The predominant surface wind is likely to be from the west direction associated with calm wind reaching up to 05 kmph during the morning hours. The wind speed will increase up to 16 kmph from the northwest direction during the afternoon. The wind speed will gradually decrease, becoming less than 12 kmph from the west direction during the evening and night.

09.03.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 34°C to 36°C and 16°C to 18°C, respectively. The minimum temperature will be above normal (1.6°C to 3.0°C) at many places and appreciably above normal (3.1°C to 5.0°C) at isolated places, and the maximum temperature will be appreciably above normal (3.1°C to 5.0°C) at many places and markedly above normal (5.0°C or more) at isolated places over Delhi. The predominant surface wind is likely to be from the west direction with wind reaching up to 10 kmph during the morning hours. The wind speed will increase up to 16 kmph from the northwest direction during the afternoon. The wind speed will gradually decrease, becoming less than 06 kmph from the southwest direction during the evening and night.

10.03.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the ranges of 34°C to 36°C and 16°C to 18°C, respectively. The minimum temperature will be above normal (1.6°C to 3.0°C) at many places and appreciably above normal (3.1°C to 5.0°C) at isolated places, and the maximum temperature will be markedly above normal (5.0°C or more) over Delhi. The predominant surface wind is likely to be from the west direction associated with calm wind reaching up to 05 kmph during the morning hours. The wind speed will increase, reaching up to 08 kmph from the northwest direction in the afternoon. The wind speed will gradually decrease, becoming less than 06 kmph from the west direction during the evening and night.

Impact expected and action suggested due Heat Wave conditions

- ❖ **Heat wave conditions** very likely in isolated pockets over Himachal Pradesh, Vidarbha on 07th & 08th; West Rajasthan on 10th & 11th March and at many places over south & central Coastal Andhra Pradesh and adjoining districts of Rayalaseema and north Tamil Nadu on 07th & 08th March.

Yellow alert Areas

- Moderate temperature & heat is tolerable for general public but moderate health concern likely for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure.
- Wear lightweight, light colour, loose, cotton clothes.
- Cover your head, use a cloth, hat or umbrella.

Agromet advisories for likely impact of Above normal Temperatures

- In **Jammu and Kashmir**, apply light irrigation to wheat, mustard and vegetables.
- In **Himachal Pradesh**, provide protective irrigation to wheat and early vegetables. Maintain ventilation in polyhouses for capsicum and tomato.
- 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.
- In **Uttarakhand**, provide light and frequent irrigation in wheat, lentil, chickpea and mustard during critical growth stages (flowering and grain filling in wheat, pod formation in mustard and gram etc.).
- In **Rajasthan**, provide protective irrigation in cumin, isabgol, mustard and gram.
- In **Uttar Pradesh**, provide light irrigation in wheat (grain filling stage), mustard and gram crops during morning or evening hours to reduce adverse impacts of heat and prevention of forced maturity.
- In **Gujarat**, apply light irrigation in wheat (grain filling stage), chickpea and cumin.
- In **Maharashtra**, apply irrigation at frequent intervals to reduce premature fruit drop and sun scorching in mango and undertake pre-harvest bagging of mango fruits using newspaper bags to prevent sun scalding in **Konkan**. Apply irrigation in late sown *rabi* crops like wheat, groundnut, sesame, safflower, sorghum, orchards and vegetables as per requirement and use straw mulch to reduce evaporation losses in **Vidarbha**.
- In **Madhya Pradesh**, provide light and frequent irrigation in wheat and chickpea during critical stages. Complete harvesting of matured mustard during morning/evening hours and keep the produce in safe places.
- In **Chhattisgarh**, provide **light and frequent irrigation** in standing crops such as **wheat, chickpea, lentil and mustard** to minimize heat stress and maintain adequate soil moisture.
- In **Arunachal Pradesh**, provide **regular irrigation to winter vegetables (cabbage, cauliflower, tomato)** during early morning or evening hours. Undertake **harvesting of matured mustard crops** and keep harvested produce in safe places.
- In **East Assam**, maintain **optimum water level (2–5 cm) in Boro rice fields**.
- In **Andhra Pradesh**, apply light irrigation in *rabi* maize, groundnut, and pulses to avoid moisture stress. Apply mulching or light watering to conserve soil moisture in standing *rabi* crops under dry and sunny conditions. Maintain a standing water depth of about 5 cm in the main field during the tillering stage in rice.
- In **Telangana**, apply light irrigation in standing crops and vegetables.
- Take appropriate action for conservation of soil moisture through mulching, proper field bunding, and avoiding unnecessary intercultivation.

Livestock / Poultry

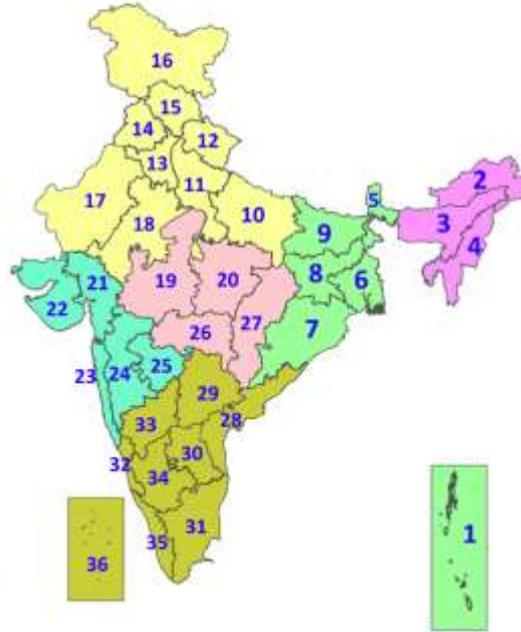
- Provide clean, hygienic and plenty of drinking water to animals.
- To reduce the effect of heat wave/high temperature, cover the roof of poultry sheds with grass.

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 62-67 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.
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