



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 06th April, 2025
Time of Issue: 1345 hours IST

**Subject: i. Heatwave conditions likely over Gujrat, Rajasthan, Haryana Chandigarh & Delhi and Punjab during next 4-5 days.
ii. A fresh spell of rainfall along with thunderstorm & lightning is likely over East India during 06th-10th April.**

i. Realised weather during past 24 hours till 0830 hours IST of today, the 06th April 2025 (Annexure I):

- ❖ **Thunderstorm accompanied with Squally/Gusty winds** prevailed at isolated locations over Arunachal Pradesh, Assam & Meghalaya, Tamilnadu Puducherry & Karaikal, Kerala & Mahe, Lakshadweep, Coastal Andhra Pradesh & Yanam, Karnataka.
- ❖ **Heavy rainfall** recorded at isolated places over Tamil Nadu and Kerala.
- ❖ **Hailstorm** occurred at isolated places over Assam & Meghalaya, Coastal Andhra Pradesh & Yanam.
- ❖ **Heatwave conditions** prevailed at isolated pockets over Gujarat State & adjoining Southwest Rajasthan.

For more details of realised weather, kindly refer [Annexure I](#)

Temperature:

- ❖ Temperature observations during past 24 hours till 0830 hours IST of today are provided in [Annexure II](#).

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

- ❖ An upper air Cyclonic Circulation lay over east Bihar and the trough runs from east Bihar to east Vidarbha in lower tropospheric levels.
- ❖ The north-south trough runs from Marathwada to south Tamil Nadu across interior Karnataka in lower tropospheric level.
- ❖ An upper air cyclonic circulation lies over South Interior Karnataka in lower tropospheric level.
- ❖ Under the influence of these systems and confluence of moist winds from Arabian sea and Bay of Bengal in lower tropospheric levels;
 - ✓ **Isolated to Scattered** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds (speed 40-50 kmph)** likely over Tamilnadu, Puducherry & Karaikal, Coastal Andhra Pradesh & Yanam on 06th; Kerala & Mahe on 06th & 07th; Karnataka during 06th -08th; East and Northeast India during 06th-10th April.
 - ✓ **Isolated Hailstorm** likely over Gangetic West Bengal, Assam & Meghalaya on 06th and over Bihar on 09th April.
 - ✓ **Heavy rainfall** very likely at isolated places over Tamil Nadu Puducherry & Karaikal, Kerala & Mahe on 06th and over Assam & Meghalaya on 09th & 10th April.

- ❖ **A fresh Western Disturbance is likely to affect Western Himalayan region from 08th April, 2025.**
 - ✓ **Scattered to fairly widespread** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds (speed 30-40 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and isolated to scattered rainfall over Himachal Pradesh and Uttarakhand on 09th & 10th April.
 - ✓ **Isolated Hailstorm** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 09th April.

- ❖ The upper air cyclonic circulation over southeast Bay of Bengal & neighbourhood extends upto middle tropospheric levels. Under its influence, a Low Pressure Area likely to form over south Bay of Bengal during next 48 hours. Under its influence
 - ✓ **Fairly widespread to Widespread** light/moderate rainfall likely over Andaman & Nicobar Islands during next 6-7 days. Isolated **thunderstorm, lightning & gusty winds (speed 30-40 kmph) and heavy rainfall also likely on 06th April.**
 - ✓ Squally weather with wind speed 35 - 45 kmph gusting to 55 kmph likely to prevail over Andaman Sea and over southeast Bay of Bengal & adjoining central Bay of Bengal **during 06th -09th April, 2025.**

Temperature Forecast:

- ❖ Gradual rise in maximum temperatures by 2-4°C likely over many parts of Northwest India, Maharashtra and South Peninsular India during next 4 days and fall by 2-3°C during subsequent 3 days.
- ❖ Gradual rise in maximum temperatures by 2-3°C likely over many parts of central India during next 4 days and no significant change during subsequent 3 days.
- ❖ No significant change in maximum temperatures likely over many parts of East India during next 2 days and fall by 2-3°C during subsequent 3 days and no significant change during subsequent 2 days.
- ❖ Rise in maximum temperatures by about 2°C likely over Gujarat during next 2 days and no significant change during subsequent 2 days and fall by 2-4°C during subsequent 3 days

Heat wave and Hot & Humid weather warning:

- ❖ Heat wave conditions likely at isolated to few pockets over Gujarat state during 06th-10th April with severe heat wave conditions at isolated pockets over Saurashtra & Kutch on 06th & 07th April.
- ❖ Heat wave conditions likely over Rajasthan during 06th-10th April with severe heat wave conditions at isolated pockets on during 07th-09th April.
- ❖ Heat wave conditions very likely in isolated pockets of Himachal Pradesh on 06th & 07th; Haryana, Chandigarh during 06th-10th; Punjab during 07th -10th; Delhi on 07th & 08th; West Uttar Pradesh during 07th-09th; Madhya Pradesh during 08th-10th April.
- ❖ Hot & humid weather is likely to prevail over coastal areas of Gujarat State and Konkan & Goa during 06th-09th April.

iv. Weather conditions and forecast over Delhi/NCR during 06th April to 09th April, 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>

Significant weather reported during past 24 hours till 0830 hours IST of today:

- ❖ **Light/moderate Rainfall** observed at most places over Coastal and North Interior Karnataka; at many places over Arunachal Pradesh, South Interior Karnataka; at few places over Assam & Meghalaya, Kerala & Mahe, Lakshadweep; at isolated places over Andaman & Nicobar Islands, Sub-Himalayan West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura, Konkan & Goa, Tamilnadu Puducherry & Karaikal, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana.

Rainfall recorded (in cm):

- ❖ **Tamil Nadu:** Thirparappu (dist Kanyakumari) 7, Suralacode (dist Kanyakumari) 6, Pechiparai AWS (dist Kanyakumari), Pechiparai (dist Kanyakumari), Rasipuram (dist Namakkal), Virudhunagar (dist Virudhunagar) 5 each,
- ❖ **Kerala & Mahe:** Punalur (dist Kollam) 7, Laha Aws (dist Pathanamthitta) 6, Konni Arg (dist Pathanamthitta) 6, Kottayam (dist Kottayam) 5,
- ❖ **Coastal Karnataka:** Puttur Hms (dist Dakshina Kannada) 4,
- ❖ **South Interior Karnataka:** Agumbe Emo (dist Shivamogga) 5,
- ❖ **Coastal Andhra Pradesh & Yanam:** Chintalapudi (dist Eluru) 4, Prathipadu (dist Kakinada) 4, Narsipatnam (dist Anakapalli) 4.

Squally winds/ Gusty winds reported (in knots, hrs IST):

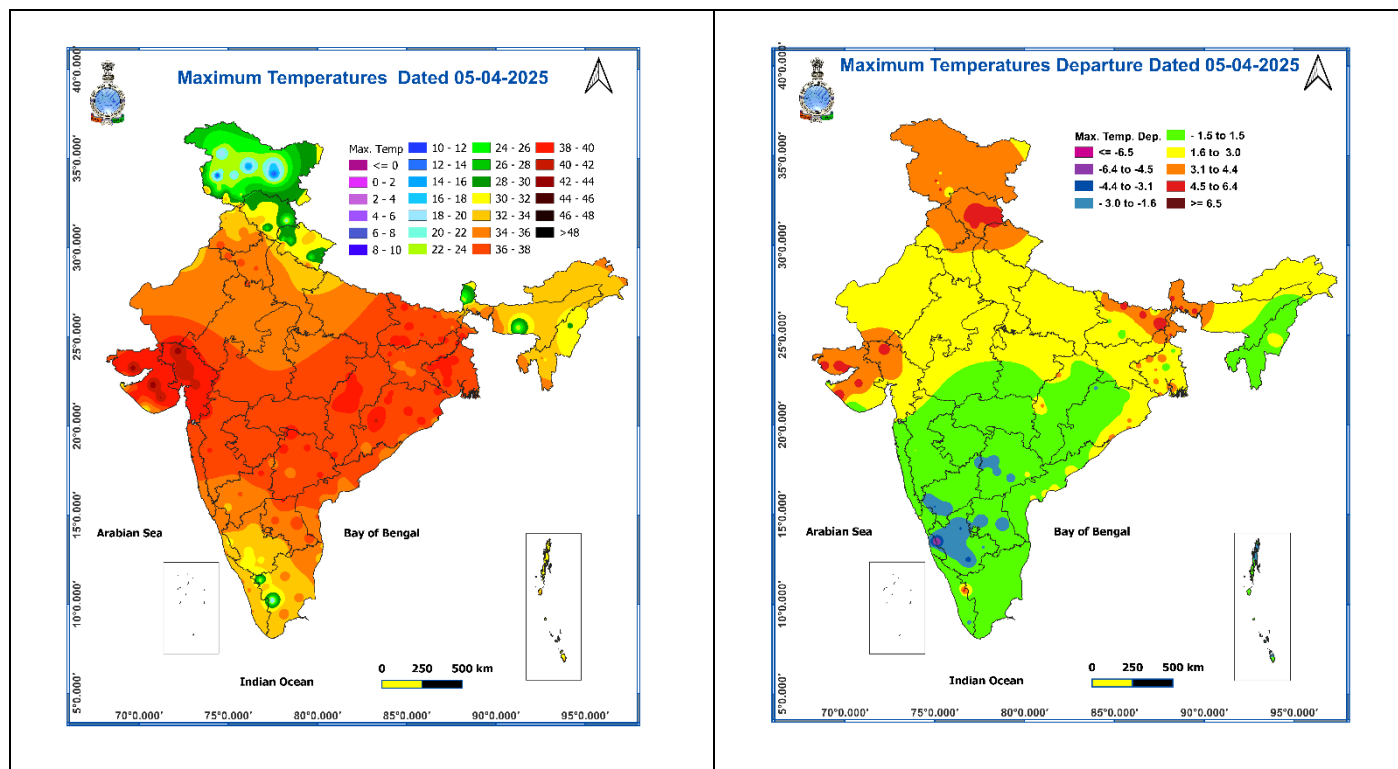
- ❖ **North Interior Karnataka:** Gadag(25,1500), Bagalkot (21KTS,2330)
- ❖ **Himachal Pradesh:** Kullu (21KTS,1600)
- ❖ **Jharkhand:** Bokaro (29KTS, 1345IST)
- ❖ **Coastal Andhra Pradesh:** Kakinada (24KTS, 1645IST), East Godavari (23KTS, 1645)
- ❖ **Madhya Maharashtra:** Parbhani (25,1330), Jalna(21KTS, 1230)
- ❖ **Goa:** North Goa (23, 1630),
- ❖ **Assam:** Dima (27KTS, 1645), Kamrup Metropoliton (27KTS, 1745),
- ❖ **Nagaland:** Dimapur (28KTS, 1415), Kohima (27KTS, 1445),
- ❖ **Arunachal Pradesh:** Namsai(28KTS, 1845)
- ❖ **Manipur:** Ukhrul(26,2245), Imphal (26,2215)
- ❖ **Kerala:** Kannur (21,1845)

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

- ❖ Yesterday, the Maximum Temperatures **have risen by 3-6 °C** over north interior Odisha & adjoining Jharkhand and Gangetic West Bengal; **1-3 °C** over Jammu, Kashmir, Ladakh, Himachal Pradesh, Punjab, West & southeast Rajasthan, Gujarat, Maharashtra, Madhya Pradesh, Vidarbha, Chhattisgarh, East Uttar Pradesh, south & west Bihar, sub Himalayan West Bengal, remaining Odisha & Gangetic west Bengal, Telangana, south coastal Andhra Pradesh, Rayalaseema, coastal Tamil Nadu, Andaman & Lakshadweep Islands and Northeast India; **fallen by 1-3 °C** over Northeast Rajasthan, Haryana, Delhi, west Uttar Pradesh, northeast Bihar, Meghalaya, Nicobar Islands Kerala and North interior Tamil Nadu and no significant change over rest parts of the country.
- ❖ Yesterday's **Maximum Temperatures** were in the **range of 40-43°C** at many places over Saurashtra & Kutch; at a few places over Gujarat Region, Vidarbha; at isolated places over West Rajasthan, East Uttar Pradesh, Madhya Pradesh; **36-40°C** at many places over Gangetic West Bengal, Odisha, Chhattisgarh, Madhya Maharashtra, Marathwada, Telangana, Rayalaseema; at a few places over Haryana-Chandigarh-Delhi, West Uttar Pradesh, Bihar, Jharkhand, Konkan & Goa, Coastal Andhra Pradesh & Yanam, North Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and **30-36°C** over remaining parts of country except western Himalayan Region and Arunachal Pradesh where temperature are in the range of **15-30°C**. Yesterday, the highest **maximum temperature of 44.0°C** was reported at **Kandla (Saurashtra & Kutch)** over the country. **(Fig.1)**
- ❖ Yesterday, Maximum Temperatures were **above normal** by 3-5 °C over parts of Gujarat, North Punjab, North Haryana, Chandigarh, Jammu, Kashmir, Ladakh, Himachal Pradesh, West Uttarakhand, North Bihar, Sub Himalayan West Bengal, Sikkim, west Assam and 1-3 °C over remaining parts of northwest & adjoining central India, south Bihar, Jharkhand, coastal Odisha, north coastal Andhra Pradesh, Gangetic West Bengal, Arunachal Pradesh, remaining Assam, Meghalaya below normal by 2-6 °C over parts of Karnataka, Rayalaseema, west Telangana and near normal over rest parts of the country. **(Fig. 2).**

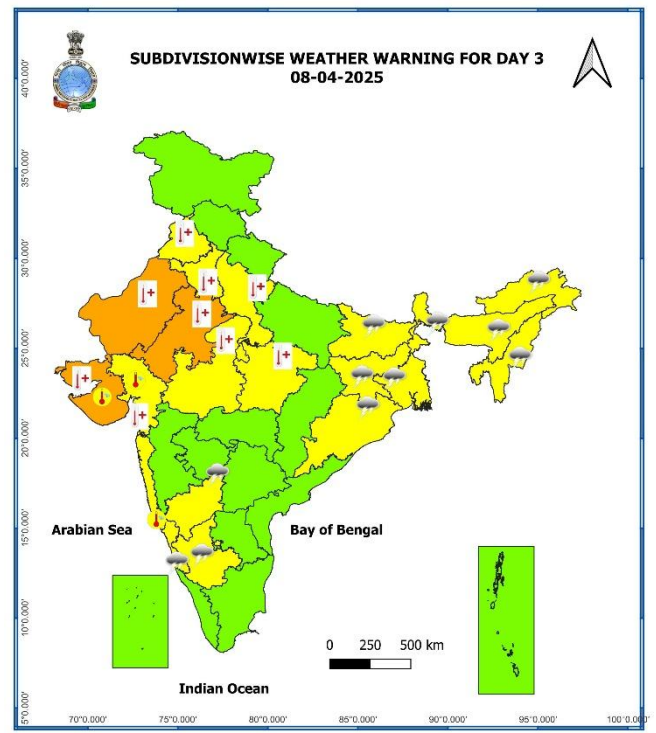
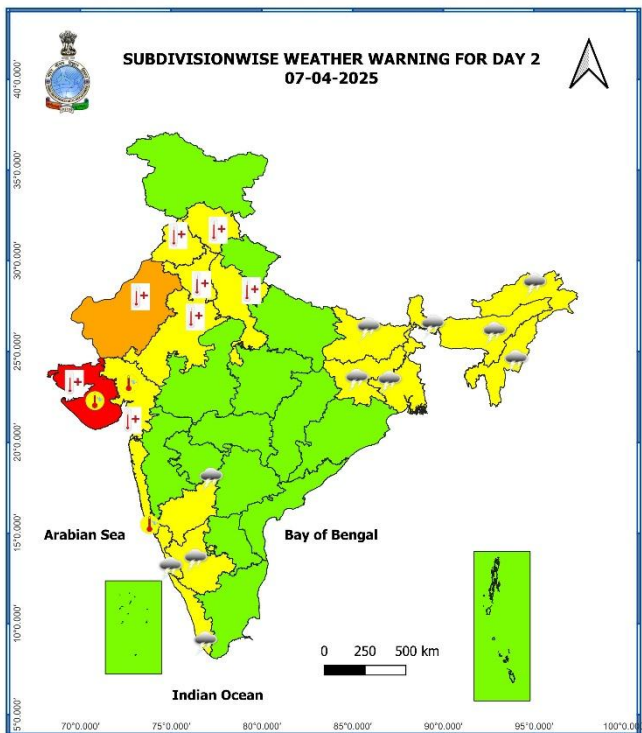
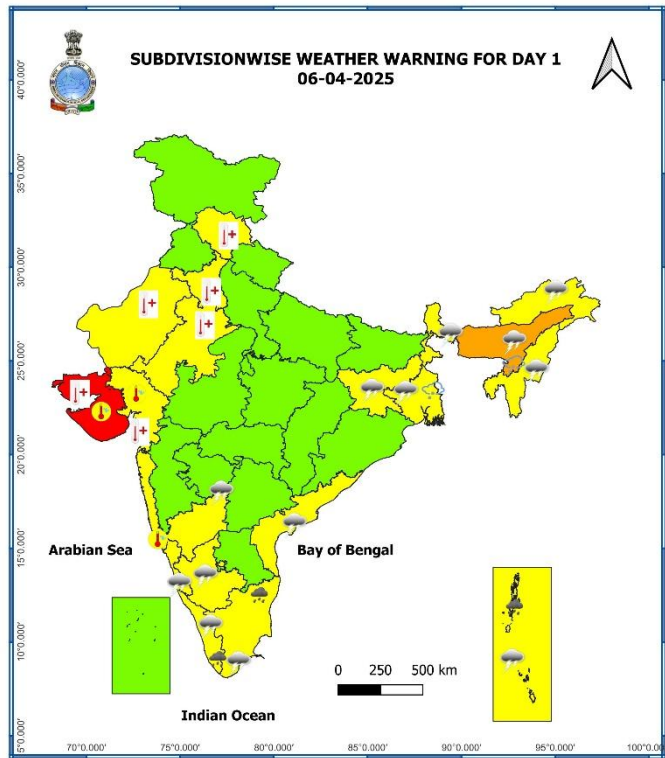
Fig. 1: Maximum Temperatures

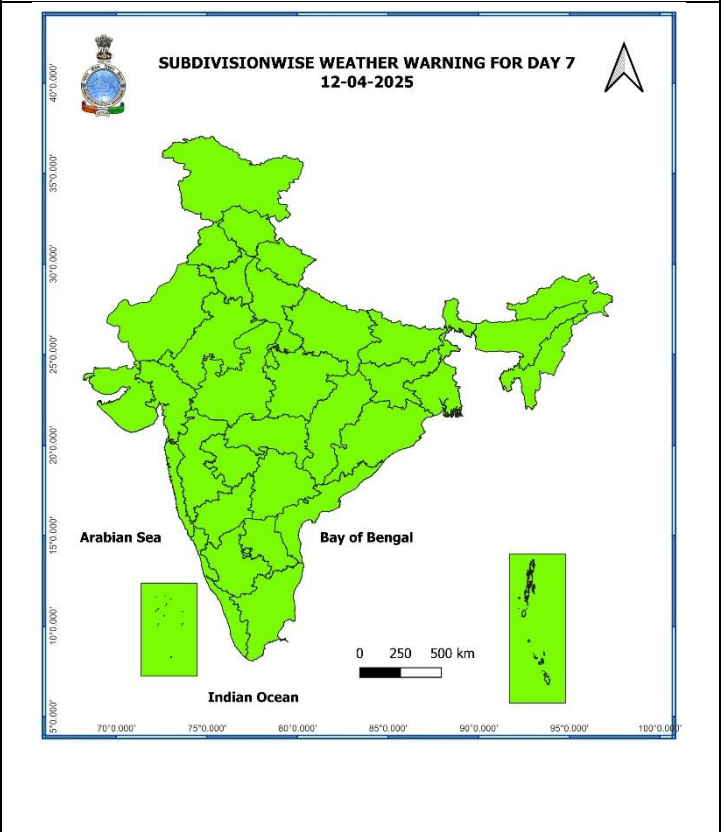
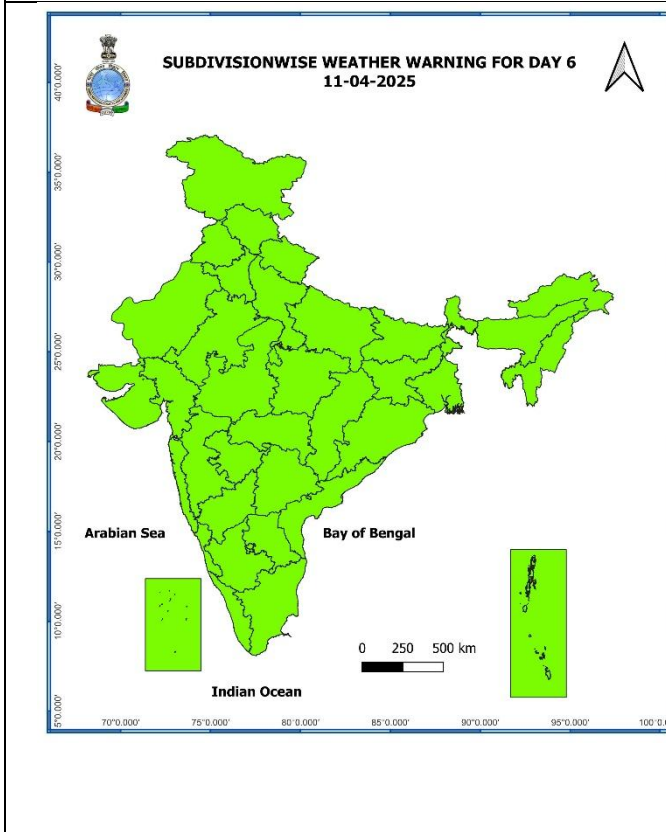
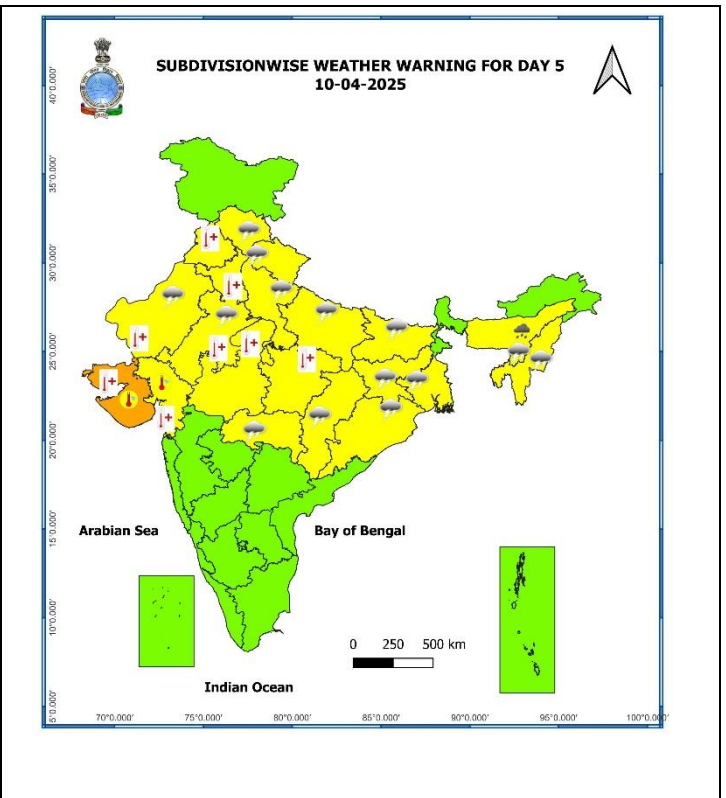
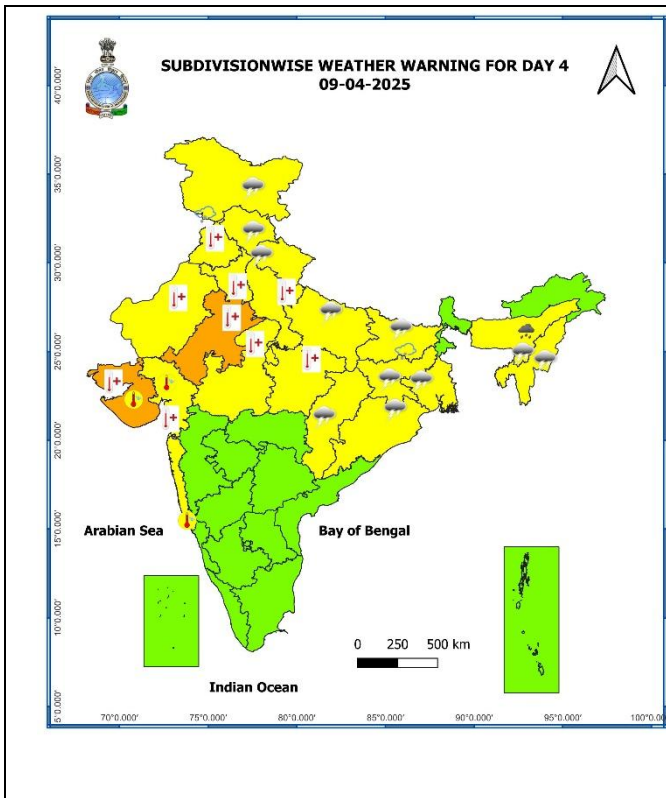
Fig. 2: Departure of Maximum Temperatures



7 Days Rainfall Forecast								
S. No.	Subdivision	06-Apr	07-Apr	08-Apr	09-Apr	10-Apr	11-Apr	12-Apr
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	WS	FWS	FWS	SCT	SCT
2	ARUNACHAL PRADESH	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	SCT
3	ASSAM & MEGHALAYA	ISOL	SCT	FWS	SCT	SCT	FWS	WS
4	NAGALAND, MANIPUR, MIZORAM & TRIPURA	ISOL	SCT	FWS	SCT	SCT	ISOL	SCT
5	SUB-HIMALAYAN WEST BENGAL & SIKKIM	ISOL	ISOL	ISOL	SCT	SCT	FWS	FWS
6	GANGETIC WEST BENGAL	ISOL	DRY	DRY	SCT	ISOL	ISOL	SCT
7	ODISHA	ISOL	ISOL	DRY	ISOL	ISOL	ISOL	ISOL
8	JHARKHAND	ISOL	DRY	DRY	ISOL	ISOL	ISOL	SCT
9	BIHAR	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
10	EAST UTTAR PRADESH	ISOL	DRY	DRY	DRY	ISOL	ISOL	ISOL
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
12	UTTARAKHAND	DRY	DRY	DRY	DRY	ISOL	ISOL	SCT
13	HARYANA CHANDIGARH & DELHI	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
15	HIMACHAL PRADESH	DRY	DRY	DRY	DRY	ISOL	SCT	ISOL
16	JAMMU & KASHMIR AND LADAKH	DRY	DRY	DRY	DRY	SCT	FWS	SCT
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	GUJARAT REGION	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	ISOL	ISOL	ISOL	DRY	ISOL	ISOL	ISOL
24	MADHYA MAHARASHTRA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
25	MARATHAWADA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	ISOL	DRY	DRY	DRY	ISOL	ISOL	ISOL
27	CHHATTISGARH	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
28	COASTAL ANDHRA PRADESH & YANAM	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	ISOL	DRY	DRY	ISOL	ISOL	ISOL	ISOL
30	RAYALASEEMA	FWS	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU PUDUCHERRY & KARAIKAL	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
32	COASTAL KARNATAKA	FWS	SCT	SCT	ISOL	ISOL	SCT	SCT
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	ISOL
34	SOUTH INTERIOR KARNATAKA	FWS	SCT	ISOL	ISOL	ISOL	SCT	SCT
35	KERALA & MAHE	WS	WS	FWS	SCT	SCT	SCT	SCT
36	LAKSHADWEEP	SCT	SCT	SCT	SCT	SCT	SCT	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 06th to 09th Apr. 2025**Past Weather:**

There has been no large change in minimum temperature and fall in maximum temperature upto 02°C over Delhi/NCR during the past 24 hours. The maximum and minimum temperatures over Delhi are in the range of 35 to 37 °C and 17 to 21°C respectively. The minimum temperature was near normal and maximum temperature was above normal upto 02°C at most places. Mainly clear sky conditions with predominant surface wind from the west-northwest direction with wind speeds less than 18 to 20 kmph prevailed during the day time and clam wind during night time the 05.04.2025. Mainly clear sky conditions with wind speed less than 06 kmph from the southwest direction prevailed over the region in the forenoon today.

Weather Forecast:

06.04.2025: Mainly clear sky. The maximum temperature over Delhi is likely to be in the range of 38 to 40°C. The predominant surface wind will likely be from the west-northwest direction with a wind speed of less than 12 kmph till evening. It would decrease becoming less than 08 kmph from the northeast direction during the night.

07.04.2025: Mainly clear sky. Heat wave conditions very likely at many places over Delhi. The maximum and minimum temperatures over Delhi are likely to be in the range of 40 to 42°C and 20 to 22°C respectively. The predominant surface wind will likely be from the southeast direction with a wind speed of 08-10 kmph during morning hours. The wind speed will gradually decrease thereafter becoming 04-06 kmph from the southeast direction during the afternoon. It will increase becoming less than 08 kmph from the southeast direction during evening and night.

08.04.2025: Mainly clear sky. Heat wave conditions very likely at most places over Delhi. The maximum and minimum temperatures over Delhi are likely to be in the range of 40 to 42°C and 21 to 23°C respectively. The predominant surface wind will likely be from the east direction with a wind speed of 10-12 kmph during morning hours. The wind speed will gradually decrease becoming 04-06 kmph from the southeast direction in the afternoon. It will increase becoming less than 10 kmph from the southeast direction during evening and night.

09.04.2025: Mainly clear sky. Heat wave conditions very likely at many places over Delhi. The maximum and minimum temperatures over Delhi are likely to be in the range of 39 to 41°C and 22 to 24°C respectively. The predominant surface wind will likely be from the southeast direction with a wind speed of 10-12 kmph during morning hours. The wind speed will gradually decrease becoming 04-06 kmph from the southeast direction in the afternoon. It will increase becoming less than 10 kmph from the southeast direction during evening and night.

Impact expected and action suggested due to

- ✓ Heat wave conditions likely at isolated to few pockets over Gujarat state during 06th-10th April with severe heat wave conditions at isolated pockets over Saurashtra & Kutch on 06th & 07th April.
- ✓ Heat wave conditions likely over Rajasthan during 06th-10th April with severe heat wave conditions at isolated pockets on during 07th-09th April.
- ✓ Heat wave conditions very likely in isolated pockets of Himachal Pradesh on 06th & 07th; Haryana, Chandigarh during 06th-10th; Punjab during 07th -10th; Delhi on 07th & 08th; West Uttar Pradesh during 07th-09th; Madhya Pradesh during 08th-10th April.

Red alert Areas

- Very high likelihood of developing heat illness and heat stroke in all ages.
- Extreme care needed for vulnerable people.

Orange alert Areas

- High temperature & increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work.
- High health concern for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure– keep cool. Avoid dehydration.
- Drink sufficient water- even if not thirsty.
- Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.

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.

Impact expected and action suggested due to isolated thunderstorm with lightning/gusty winds & Hailstorm over Gangetic West Bengal, Assam & Meghalaya on 06th and over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 09th April.

Impact expected:

- Strong wind/hail may damage plantation, horticulture and standing crops.
- Hail may injure people and cattle at open places.
- Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- Loose objects may fly.

Action suggested:

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

Agromet advisories for likely impact of Hailstorm / Heavy Rainfall / Gusty Winds / Heatwave

- In **West Assam, Meghalaya, Bihar and Jammu & Kashmir**, immediately harvest the matured crops, fruits and vegetables and shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields to avoid the adverse impact of likely hailstorm. Use hail net and hail caps to prevent mechanical damage in orchards due to hailstorms.
- In **Tamilnadu and Kerala**, drain out excess water from standing crop and vegetable fields.
- In **Andaman & Nicobar Islands and Assam & Meghalaya**, immediately harvest the matured crops, fruits and vegetables and shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Also make provision to drain out excess water from standing crop and vegetable fields.
- In **Himachal Pradesh, Punjab, Haryana, West Uttar Pradesh, Rajasthan, Madhya Pradesh and Gujarat State**, apply light and frequent irrigation to standing crops in the evening to protect them from heat waves.
- Provide mechanical support to horticultural crops and staking to vegetables to avoid lodging.

Livestock / Poultry / Fishery

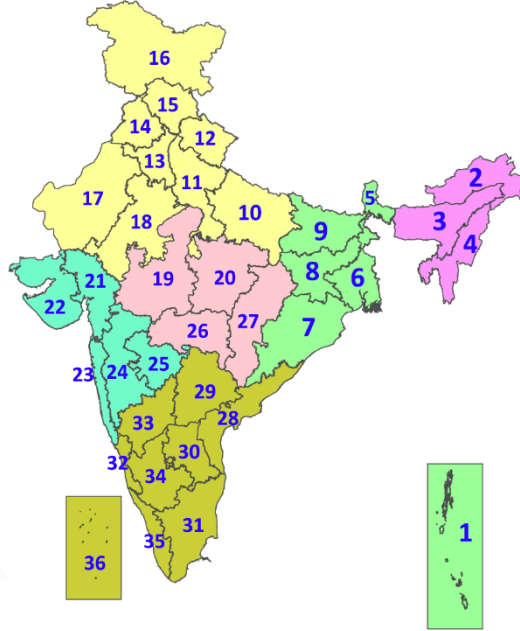
- Keep the animals inside the shed during heavy rainfall/hailstorm and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- To reduce the effect of heat wave/high temperature, cover the roof of poultry sheds with grass. Also provide clean, hygienic and plenty of drinking water to animals.
- Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

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