



**Government of India  
Ministry of Earth Sciences  
India Meteorological Department**

**Press Release  
Date: 10<sup>th</sup> April, 2023  
Time of Issue: 1145 hours IST**

**Subject: Gradual rise in maximum temperature by 2-4°C over many parts of the country during next 5 days.**

**Weather observed during past 24 hours ending at 0830 hrs IST of today: Refer Annexure I**

**Weather Forecast and Warnings (Graphics in Annexure II):**

- ❖ The **trough** in easterlies runs from north Kerala to north Madhya Maharashtra at lower tropospheric levels.
- ❖ A cyclonic circulation lies over northeast Arabian Sea and adjoining south Pakistan at lower tropospheric levels.
- ❖ **Under the influence of these systems, following weather is expected:**

**West India:**

- ❖ Light/moderate isolated rainfall with thunderstorm/lightning very likely over Gujarat state, Madhya Maharashtra and Marathwada during next 5 days.

**South India:**

- ❖ Light/moderate isolated rainfall with thunderstorm/lightning/gusty winds very likely over South Interior Karnataka and Tamil Nadu on 10th & 11th April and over Kerala during next 5 days.

**No significant weather likely over rest parts of the country.**

**Maximum Temperatures Forecast during next 5 days:**

- ❖ Maximum Temperatures are very likely to rise gradually by 2-4°C over many parts of the country.
- ❖ No heat wave conditions likely over any part of country during next 5 days.
- ❖ Strong surface winds (20-30 kmph) very likely over Haryana and Uttar Pradesh during 11th-13th April, 2023.

For more details kindly refer:

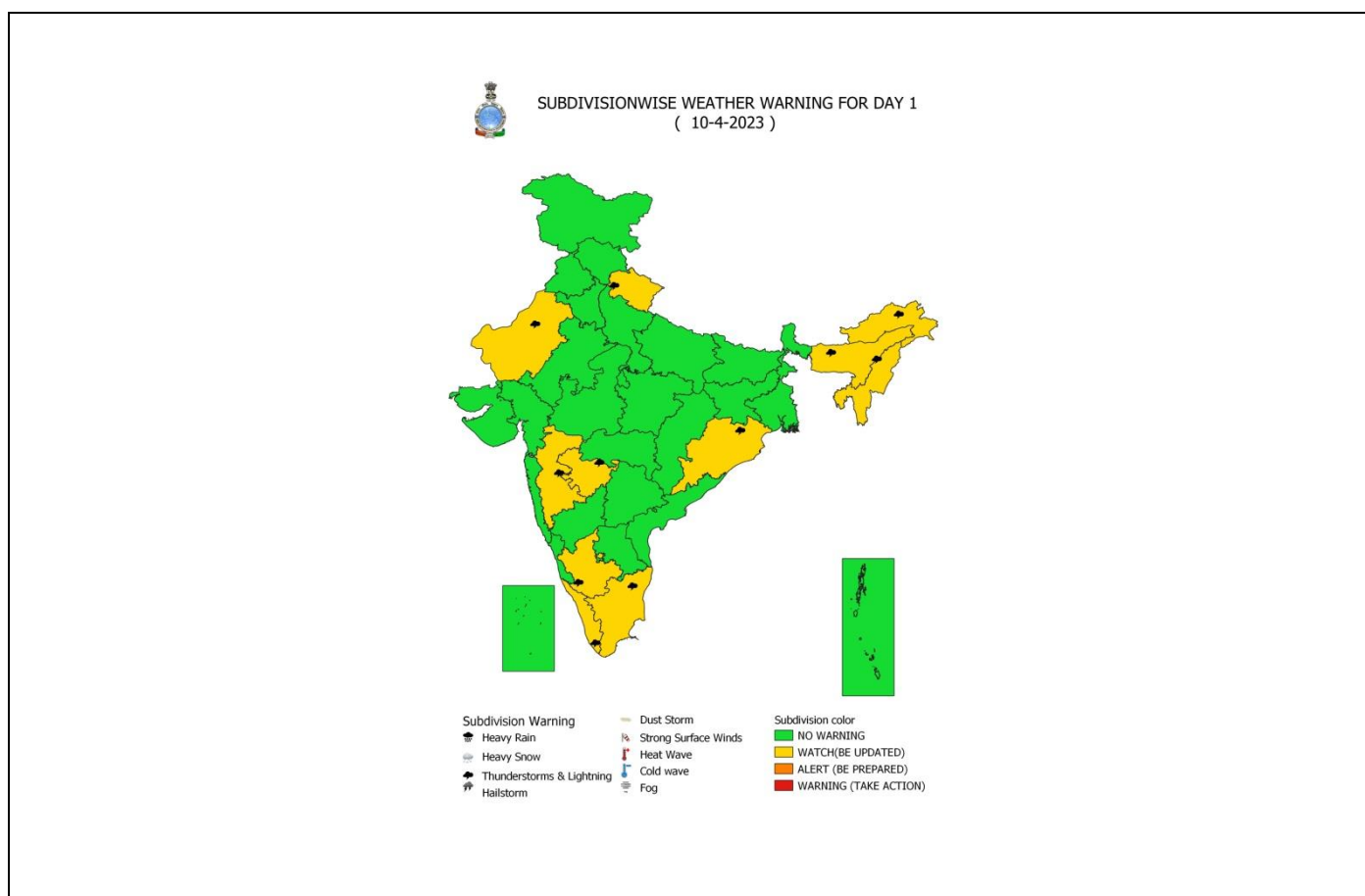
[https://mausam.imd.gov.in/responsive/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php)

<https://mausam.imd.gov.in/responsive/districtWiseNowcast.php>

## Annexure I

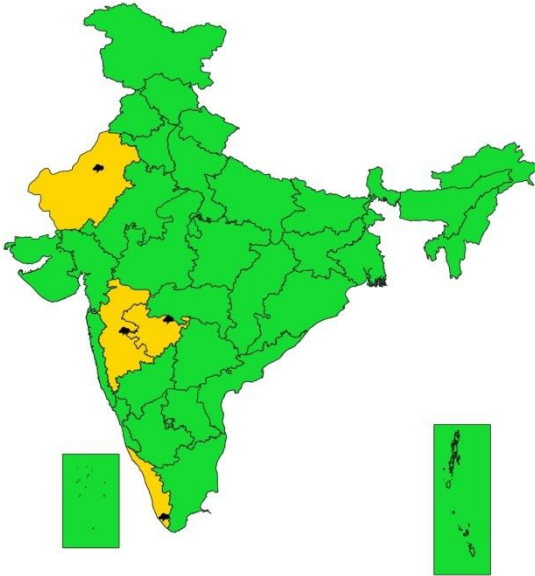
- ❖ **Observation- Maximum temperatures** are in the range of 39-40°C over most parts of north Gujarat and less than 39°C over rest parts of the country. It is 2-4°C below normal over most parts of interior Maharashtra and adjoining south Madhya Pradesh and near normal over rest parts of the country.
- ❖ **Rainfall/thundershowers observed: at many places** over Vidarbha; **at a few places** over Lakshadweep and **at isolated places** over Uttarakhand, Madhya Pradesh, Chhattisgarh, Sub-Himalayan West Bengal & Sikkim, Odisha, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Marathwada, South Interior Karnataka, Tamil Nadu and Kerala.
- ❖ **Significant rainfall recorded** (in cm): Marathwada: Kannad (dist Aurangabad) 3,
- ❖ **Thunderstorm/gusty winds observed** at isolated places over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Sub-Himalayan West Bengal & Sikkim, Chhattisgarh, East Madhya Pradesh, Madhya Maharashtra, Marathwada, Vidarbha, Kerala & Mahe.

## Annexure II





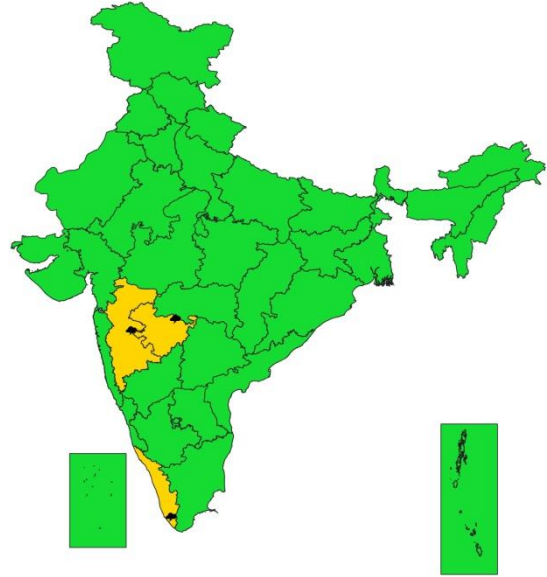
**SUBDIVISIONWISE WEATHER WARNING FOR DAY 2  
( 11-4-2023)**



- |                            |                      |                          |
|----------------------------|----------------------|--------------------------|
| <b>Subdivision Warning</b> | Dust Storm           | <b>Subdivision color</b> |
| Heavy Rain                 | Strong Surface Winds | NO WARNING               |
| Heavy Snow                 | Heat Wave            | WATCH(BE UPDATED)        |
| Thunderstorms & Lightning  | Cold wave            | ALERT (BE PREPARED)      |
| Hailstorm                  | Fog                  | WARNING (TAKE ACTION)    |



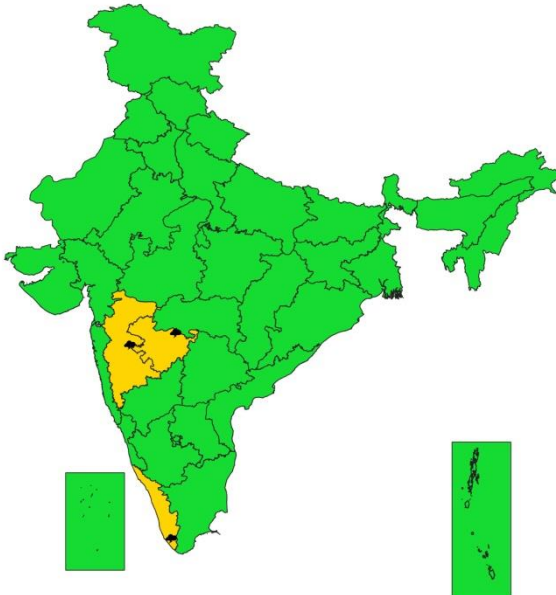
**SUBDIVISIONWISE WEATHER WARNING FOR DAY 3  
( 12-4-2023)**



- |                            |                      |                          |
|----------------------------|----------------------|--------------------------|
| <b>Subdivision Warning</b> | Dust Storm           | <b>Subdivision color</b> |
| Heavy Rain                 | Strong Surface Winds | NO WARNING               |
| Heavy Snow                 | Heat Wave            | WATCH(BE UPDATED)        |
| Thunderstorms & Lightning  | Cold wave            | ALERT (BE PREPARED)      |
| Hailstorm                  | Fog                  | WARNING (TAKE ACTION)    |



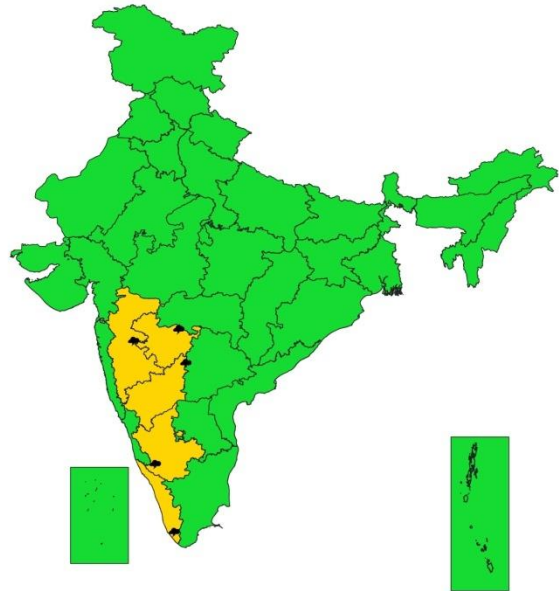
**SUBDIVISIONWISE WEATHER WARNING FOR DAY 4  
( 13-4-2023)**



- |                            |                      |                          |
|----------------------------|----------------------|--------------------------|
| <b>Subdivision Warning</b> | Dust Storm           | <b>Subdivision color</b> |
| Heavy Rain                 | Strong Surface Winds | NO WARNING               |
| Heavy Snow                 | Heat Wave            | WATCH(BE UPDATED)        |
| Thunderstorms & Lightning  | Cold wave            | ALERT (BE PREPARED)      |
| Hailstorm                  | Fog                  | WARNING (TAKE ACTION)    |



**SUBDIVISIONWISE WEATHER WARNING FOR DAY 5  
( 14-4-2023)**



- |                            |                      |                          |
|----------------------------|----------------------|--------------------------|
| <b>Subdivision Warning</b> | Dust Storm           | <b>Subdivision color</b> |
| Heavy Rain                 | Strong Surface Winds | NO WARNING               |
| Heavy Snow                 | Heat Wave            | WATCH(BE UPDATED)        |
| Thunderstorms & Lightning  | Cold wave            | ALERT (BE PREPARED)      |
| Hailstorm                  | Fog                  | WARNING (TAKE ACTION)    |

**Legends:**

- ❖ **Heavy Rain:** 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **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-Himalaya 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 Marathwada.
  - **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamilnadu, Puducherry & Karaikal and 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)

Subdivision Warning	Dust Storm	Subdivision color
Heavy Rain	Strong Surface Winds	NO WARNING
Heavy Snow	Heat Wave	WATCH(BE UPDATED)
Thunderstorms & Lightning	Cold wave	ALERT (BE PREPARED)
Hailstorm	Fog	WARNING (TAKE ACTION)

Probabilistic Forecast	
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75