



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

**Press Release  
Date: 11<sup>th</sup> April, 2023  
Time of Issue: 1230 hours IST**

**Subject: Gradual rise in maximum temperatures 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 south Madhya Maharashtra at lower tropospheric levels.
- ❖ A cyclonic circulation lies over southeast Pakistan upto middle tropospheric levels.

**Under the influence of these systems, following weather is expected:**

**West India:**

- ❖ Light/moderate isolated rainfall with thunderstorm/lightning very likely over Konkan & Goa, Madhya Maharashtra and Marathwada during next 5 days. Isolated **hailstorm** very likely over Madhya Maharashtra on 11<sup>th</sup>, 13<sup>th</sup> & 14<sup>th</sup> April, 2023.

**South India:**

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

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

**Maximum Temperatures Forecast and heat wave during next 5 days:**

- ❖ Maximum Temperatures are very likely to rise gradually by 2-4°C over many parts of the country.
- ❖ **Heat wave conditions** very likely in isolated pockets over Odisha during 13<sup>th</sup>-15<sup>th</sup> April, 2023.
- ❖ **Strong surface winds (25-35 kmph)** very likely over Haryana and Uttar Pradesh during 11<sup>th</sup>-13<sup>th</sup> April, 2023.
- ❖ **Duststorm** very likely at isolated places over West Rajasthan on 11<sup>th</sup> April, 2023.

For more details kindly refer:

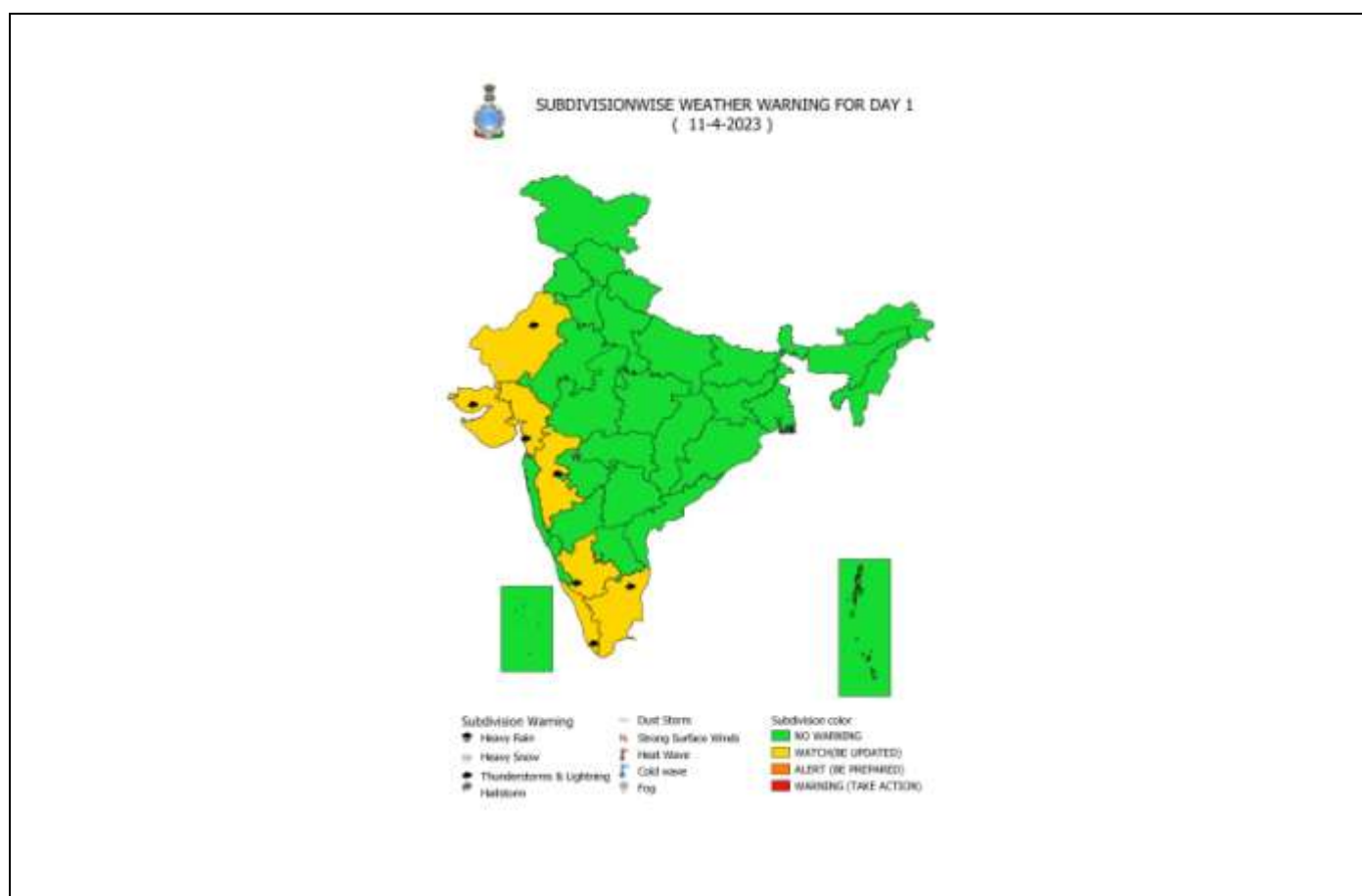
[https://mausam.imd.gov.in/responsive/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php)

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

## Annexure I

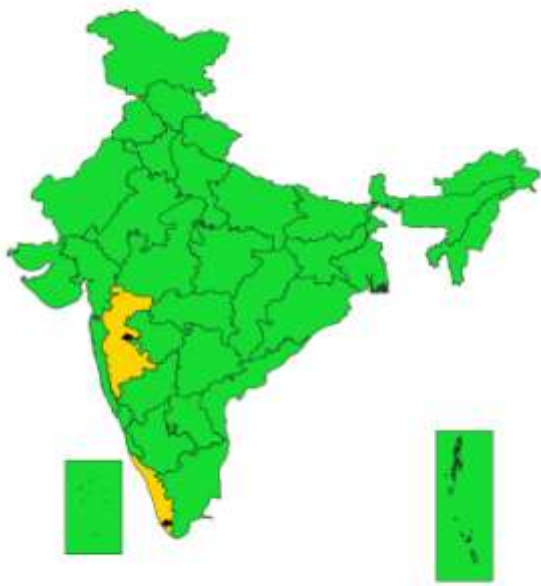
- ❖ **Observation- Maximum temperatures** are in the range of 39-41°C over some parts of Gujarat and less than 39°C over rest parts of the country. It is 2-3°C above normal over some/many parts of Jammu & Kashmir, West Rajasthan, Konkan, south Gujarat, Gangetic West Bengal, coastal Odisha and northeastern states and near normal over rest parts of the country.
- ❖ **Rainfall/thundershowers observed: at isolated places** over Himachal Pradesh, Uttarakhand, West Rajasthan, Madhya Pradesh, Vidarbha, Sub-Himalayan West Bengal & Sikkim, Odisha, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Konkan & Goa, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh, Karnataka, Tamil Nadu and Kerala.
- ❖ **Significant rainfall recorded (in cm): Sikkim:** Tadong-4; **Coastal Andhra Pradesh:** Srikakulam: Palasa-3, **Kerala:** Pathanamthitta: Ranni-3; **Madhya Maharashtra:** Nashik: Peth-2,
- ❖ **Thunderstorm/gusty winds observed** at isolated places over West Rajasthan, Arunachal Pradesh, Coastal Karnataka and Kerala & Mahe.
- ❖ Isolated **hailstorm** observed over Madhya Maharashtra.

## Annexure II





### SUBDIVISIONWISE WEATHER WARNING FOR DAY 2 ( 12-4-2023)



- |                             |                        |                          |
|-----------------------------|------------------------|--------------------------|
| <b>Subdivision Warning</b>  | <b>Dust Storm</b>      | <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)    |
| ⚡ Halstorm                  | 🌫 Fog                  | 🔴 WARNING (TAKE ACTION)  |



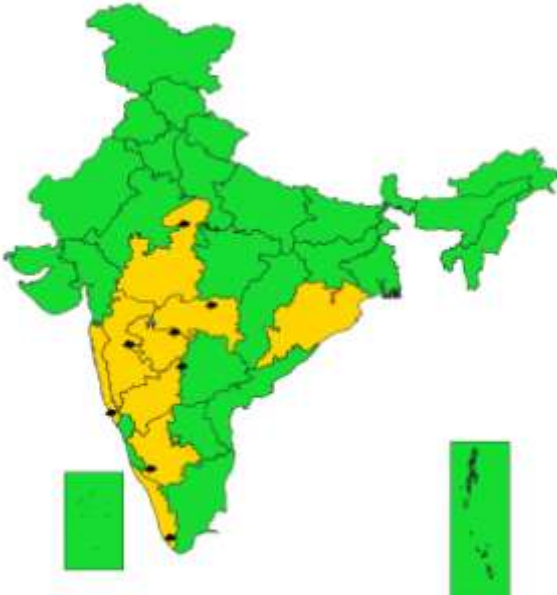
### SUBDIVISIONWISE WEATHER WARNING FOR DAY 3 ( 13-4-2023)



- |                             |                        |                          |
|-----------------------------|------------------------|--------------------------|
| <b>Subdivision Warning</b>  | <b>Dust Storm</b>      | <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)    |
| ⚡ Halstorm                  | 🌫 Fog                  | 🔴 WARNING (TAKE ACTION)  |



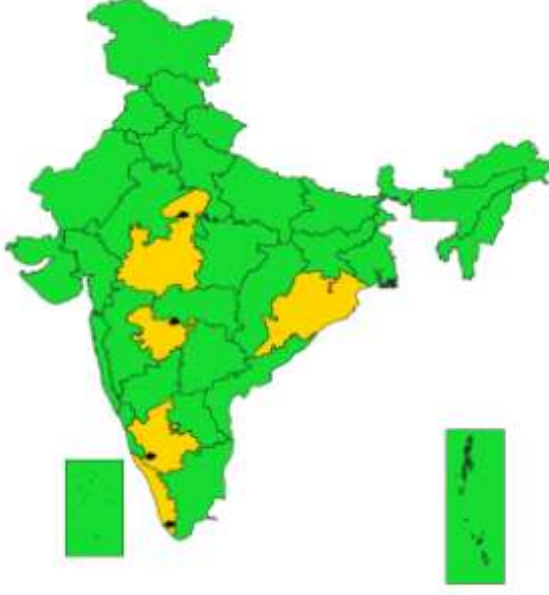
### SUBDIVISIONWISE WEATHER WARNING FOR DAY 4 ( 14-4-2023)



- |                             |                        |                          |
|-----------------------------|------------------------|--------------------------|
| <b>Subdivision Warning</b>  | <b>Dust Storm</b>      | <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)    |
| ⚡ Halstorm                  | 🌫 Fog                  | 🔴 WARNING (TAKE ACTION)  |



### SUBDIVISIONWISE WEATHER WARNING FOR DAY 5 ( 15-4-2023)



- |                             |                        |                          |
|-----------------------------|------------------------|--------------------------|
| <b>Subdivision Warning</b>  | <b>Dust Storm</b>      | <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)    |
| ⚡ Halstorm                  | 🌫 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.

<b>SPATIAL DISTRIBUTION</b> (% 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)

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