



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

**Press Release
Date: 08th April, 2023
Time of Issue: 1315 hours IST**

**Subject: (i) Thunderstorms with gusty winds likely over Madhya Pradesh, Odisha, Maharashtra and Chhattisgarh during next 2 days and decrease thereafter.
(ii) Gradual rise in maximum temperature by 2-4°C over most 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):

- ❖ A cyclonic circulation lies over West Rajasthan & neighbourhood in mid tropospheric level.
- ❖ A trough in easterlies runs from Kerala to Madhya Maharashtra across interior Karnataka in lower tropospheric levels.
- ❖ Another cyclonic circulation lies over Northeast Bangladesh & neighbourhood in lower tropospheric levels.

Under the influence of above synoptic features, following weather is expected:

West India:

- Light to moderate rainfall with thunderstorm/lightning/gusty winds very likely over Maharashtra during 08th - 09th April. Isolated **hailstorm** also very likely over Marathwada on 08th April.

South India:

- Light/moderate rainfall with isolated thunderstorm/lightning/gusty winds very likely over south Coastal Karnataka, North Interior Karnataka and Telangana on 08th; over Tamil Nadu, Puducherry & Karaikal on 09th & 10th April and over Kerala during next 5 days.

Central India:

- Light/moderate rainfall with isolated thunderstorm/lightning/gusty winds very likely over Madhya Pradesh, Chhattisgarh and Vidarbha on 08th & 09th April, 2023.

East India:

- Light rainfall with thunderstorm/lightning/gusty winds over Odisha during next 3 days and over Jharkhand on 09th April, 2023.

No significant weather likely over rest parts of the country.

Maximum Temperatures Forecast during next 5 days:

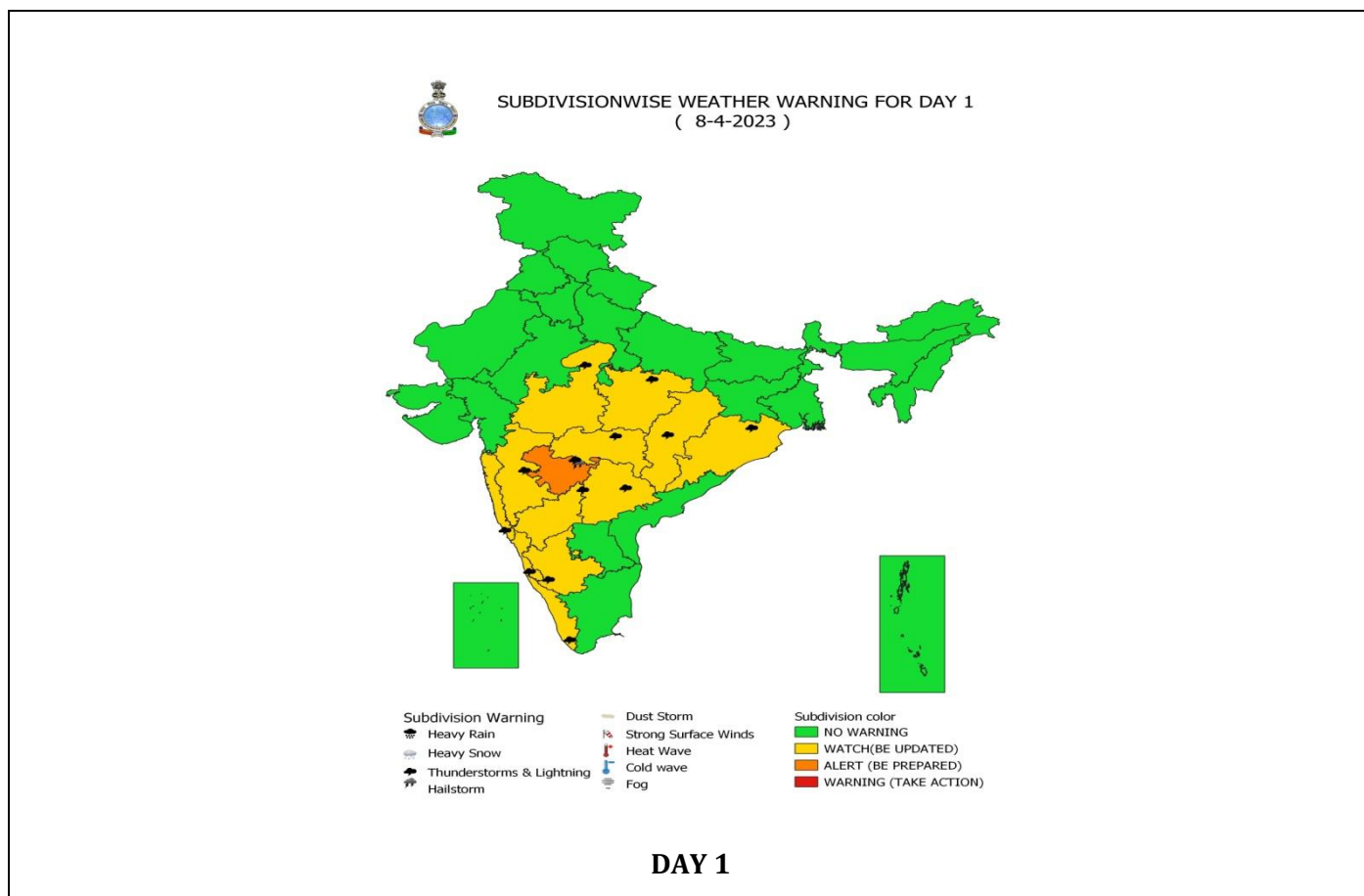
- ❖ Maximum temperatures are in the range of **38-39°C** over parts of Gangetic West Bengal, interior Odisha, West Madhya Pradesh, Gujarat Region and Rayalaseema. They are below normal by **1-3°C** over most parts of the country except Tamil Nadu, Kerala, West Bengal, Jammu, Kashmir, parts of northeastern states where it is above normal by **1-2 °C**.
- ❖ It is likely to rise gradually by **2-4°C** over most parts of Northwest, West, Central & East India during next 5 days becoming near normal over most parts of the country.
- ❖ **No heat wave conditions likely over any part of country during next 5 days.**

For more details kindly refer:

https://mausam.imd.gov.in/responsive/all_india_forcast_bulletin.php

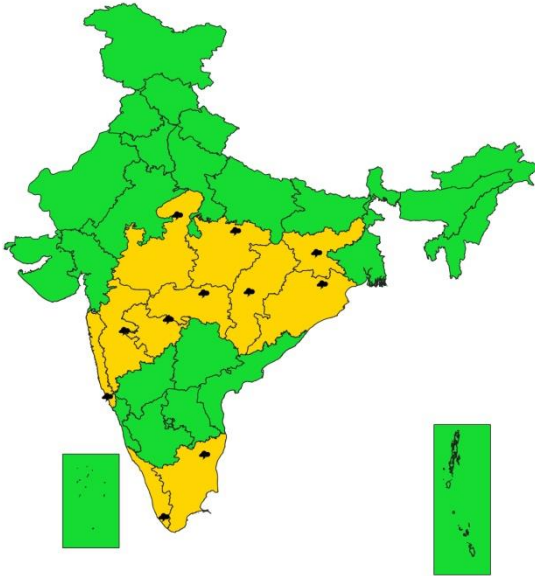
<https://mausam.imd.gov.in/responsive/districtWiseNowcast.php>

- ❖ **Rainfall/thundershowers observed: at most places** over North Interior Karnataka; **at many places** over Vidarbha; **at a few places** over Marathwada and Kerala & Mahe; **at isolated places** over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Odisha, Madhya Pradesh, Gujarat Region, Konkan & Goa, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka and South Interior Karnataka.
- ❖ **Significant rainfall recorded** (in cm): **Telangana:** Bodhan (dist Nizamabad) 8, Yeda Palle (dist Nizamabad) 6, Kotgiri (dist Nizamabad) 4; **West Madhya Pradesh:** Khaknar (dist Burhanpur) 4, Marathwada: Udgir - (dist Latur) 4; **Karnataka:** Gokak (Belagavi dt) 5; **Kerala:** Kurudamannil (Pathanamthitta district) & Mavelikkara (Alappuzha district) 5.
- ❖ **Thunderstorm observed** at isolated places over Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Marathwada, Vidarbha, Chhattisgarh, North Interior Karnataka and Kerala & Mahe.
- ❖ **Heavy rainfall observed** at isolated places over Telangana.
- ❖ **Hailstorm observed** at isolated places over Vidarbha and Madhya Maharashtra.





SUBDIVISIONWISE WEATHER WARNING FOR DAY 2
(9-4-2023)

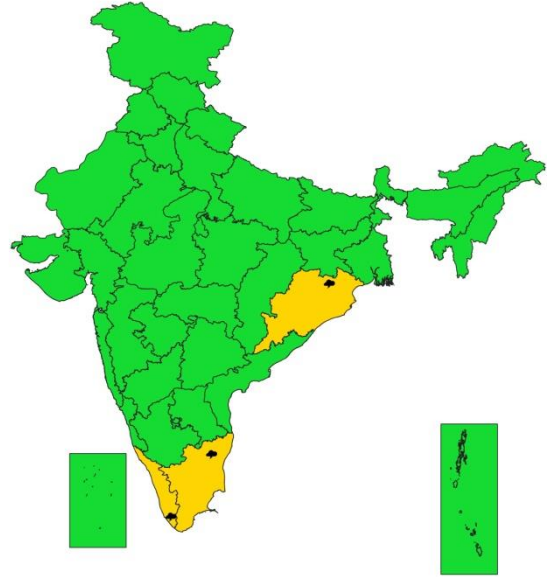


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|-----------------------------|------------------------|-------------------------|
| Subdivision Warning | Dust Storm | Subdivision color |
| ☁ Heavy Rain | 🌪 Strong Surface Winds | 🟢 NO WARNING |
| ❄ Heavy Snow | 🔥 Heat Wave | 🟡 WATCH(BE UPDATED) |
| ⚡ Thunderstorms & Lightning | ❄ Cold wave | 🟠 ALERT (BE PREPARED) |
| 🌨 Hailstorm | 🌫 Fog | 🔴 WARNING (TAKE ACTION) |

DAY 2



SUBDIVISIONWISE WEATHER WARNING FOR DAY 3
(10-4-2023)

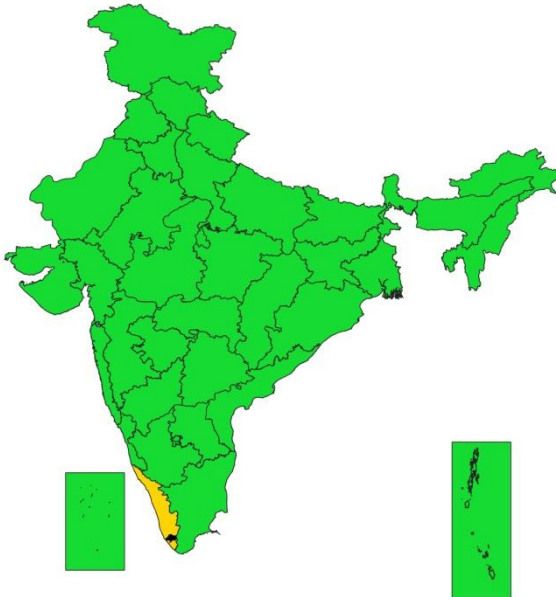


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|-----------------------------|------------------------|-------------------------|
| Subdivision Warning | Dust Storm | Subdivision color |
| ☁ Heavy Rain | 🌪 Strong Surface Winds | 🟢 NO WARNING |
| ❄ Heavy Snow | 🔥 Heat Wave | 🟡 WATCH(BE UPDATED) |
| ⚡ Thunderstorms & Lightning | ❄ Cold wave | 🟠 ALERT (BE PREPARED) |
| 🌨 Hailstorm | 🌫 Fog | 🔴 WARNING (TAKE ACTION) |

DAY 3



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

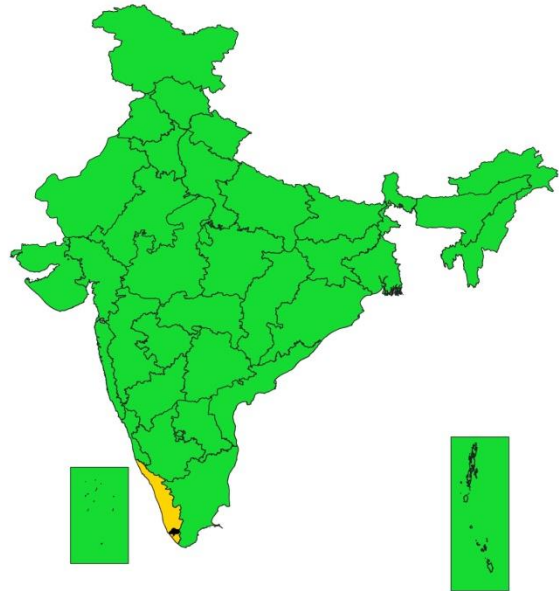


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|-----------------------------|------------------------|-------------------------|
| Subdivision Warning | Dust Storm | Subdivision color |
| ☁ Heavy Rain | 🌪 Strong Surface Winds | 🟢 NO WARNING |
| ❄ Heavy Snow | 🔥 Heat Wave | 🟡 WATCH(BE UPDATED) |
| ⚡ Thunderstorms & Lightning | ❄ Cold wave | 🟠 ALERT (BE PREPARED) |
| 🌨 Hailstorm | 🌫 Fog | 🔴 WARNING (TAKE ACTION) |

DAY 4



SUBDIVISIONWISE WEATHER WARNING FOR DAY 5
(12-4-2023)



- | | | |
|-----------------------------|------------------------|-------------------------|
| 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) |

DAY 5

Impact expected and action suggested due to isolated thunderstorm with lightning/gusty winds & Hailstorm over Marathwada on 08th 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.

Advisory for farmers:

- Continue harvesting of matured crops; store the harvested produce at safe places.
- Provide mechanical support to horticultural crops and staking to vegetables.
- Use hail nets to protect orchards in Marathwada.














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