



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

**Press Release
Date: 25th April, 2023
Time of Issue: 1300 hours IST**

**Subject: i) Spell of thunderstorm/hailstorm activity over central parts of the country during 25th-27th April.
ii) No Heat wave conditions likely over the country during next 5 days.**

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

Significant Meteorological features:

- ❖ A Western Disturbance as a cyclonic circulation lies over Southeast Iran & neighbourhood in middle levels.
- ❖ A cyclonic circulation lies over western parts of Vidarbha and a trough/wind discontinuity runs this cyclonic circulation to South Interior Karnataka in lower levels.

Rainfall Forecast and Warnings (Graphics in Annexure II):

Central India:

- ❖ Light/moderate scattered/fairly widespread rainfall with thunderstorm/lightning/gusty winds very likely over East Madhya Pradesh, Vidarbha and Chhattisgarh during next 5 days.
- ❖ **Hailstorm** very likely at isolated places over Vidarbha during 25th-27th; over south Chhattisgarh on 26th and East Madhya Pradesh on 26th & 27th April.

South India:

- ❖ Light scattered/fairly widespread rainfall with thunderstorm/lightning/gusty winds very likely over Andhra Pradesh, Telangana, Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during next 5 days.
- ❖ **Heavy rainfall** very likely at isolated places over Tamil Nadu on 25th, over Kerala during 25th-27th and over Telangana on 27th April.
- ❖ **Hailstorm** very likely at isolated places over Telangana during 25th-27th April.

East India:

- ❖ Light/moderate scattered to fairly widespread **rainfall** with thunderstorm/lightning/gusty winds very likely over the region during next 4 days and gradual reduction thereafter.
- ❖ **Hailstorm** very likely at isolated places over Odisha and Jharkhand 27th April.

Northeast India:

- ❖ Light/moderate scattered to fairly widespread rainfall with thunderstorm/lightning/gusty winds very likely over the region during next 5 days.
- ❖ **Heavy rainfall** likely at isolated places over Arunachal Pradesh during 27th-29th and over Assam & Meghalaya on 28th & 29th April.

West India:

- ❖ Light scattered rainfall with thunderstorm/lightning very likely over Madhya Maharashtra and Marathwada during next 5 days and isolated rainfall over Gujarat during 26th-29th April.
- ❖ **Hailstorm** activity very likely at isolated places over Madhya Maharashtra & Marathwada during 25th-27th April.

Northwest India:

- ❖ Light/moderate scattered to fairly widespread rainfall/snowfall with thunderstorm/lightning very likely over Western Himalayan Region during 26th-29th April and isolated to scattered rainfall with thunderstorm/lightning over plains of Northwest India during 27th-29th April and increase thereafter.
- ❖ **Hailstorm** activity very likely at isolated places over Himachal Pradesh on 26th & 27th April.

Maximum Temperatures observed:

- ❖ Yesterday, Maximum Temperatures are in the range of 34-40°C over many parts of Rajasthan, Odisha, central, west and south peninsular India and 25-34°C over rest parts of the country.
- ❖ Maximum Temperatures were below normal by 2-6°C over most parts of northwest, central and east India and near normal over rest parts of the country.

Maximum Temperatures Forecast and Heat Wave Warnings (Graphics in Annexure II):

- ❖ Maximum temperatures are very likely to be below normal to near normal during the next 5 days.
- ❖ **No Heat wave conditions over most parts of India during the next 5 days.**
- ❖ **Due to humid air and high temperature, hot and discomfort weather very likely over Kutch and Kerala today.**

For more details kindly refer:

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

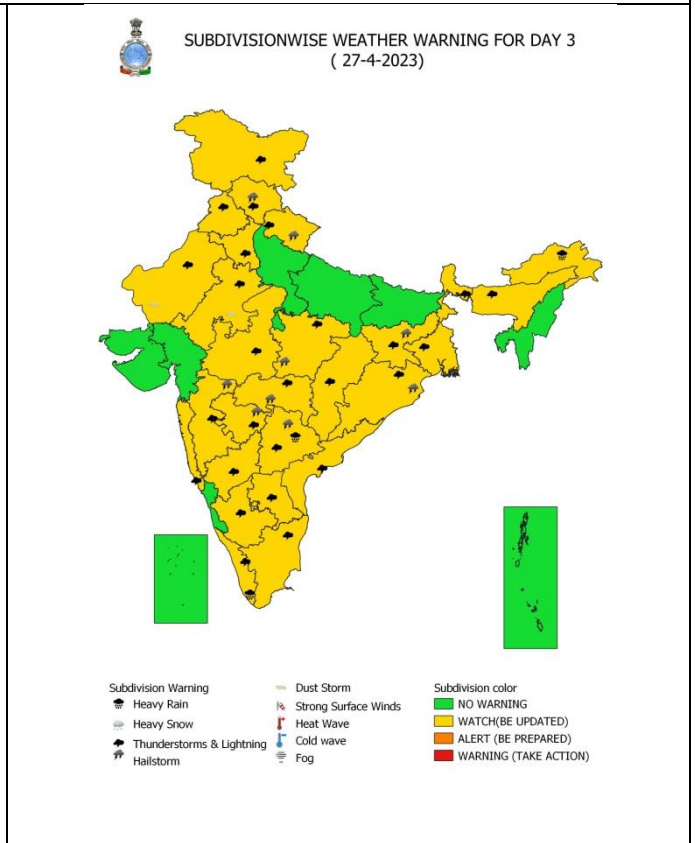
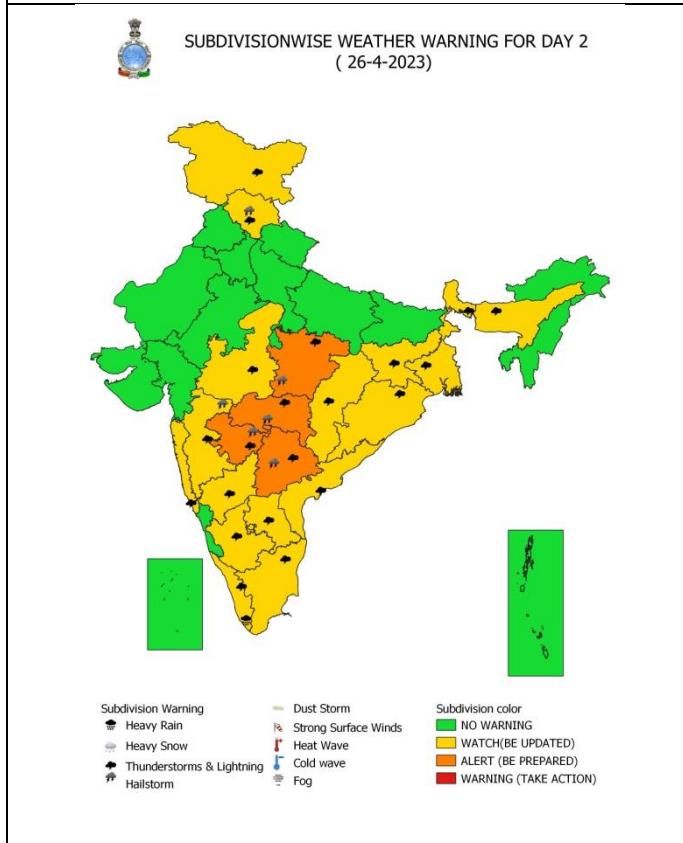
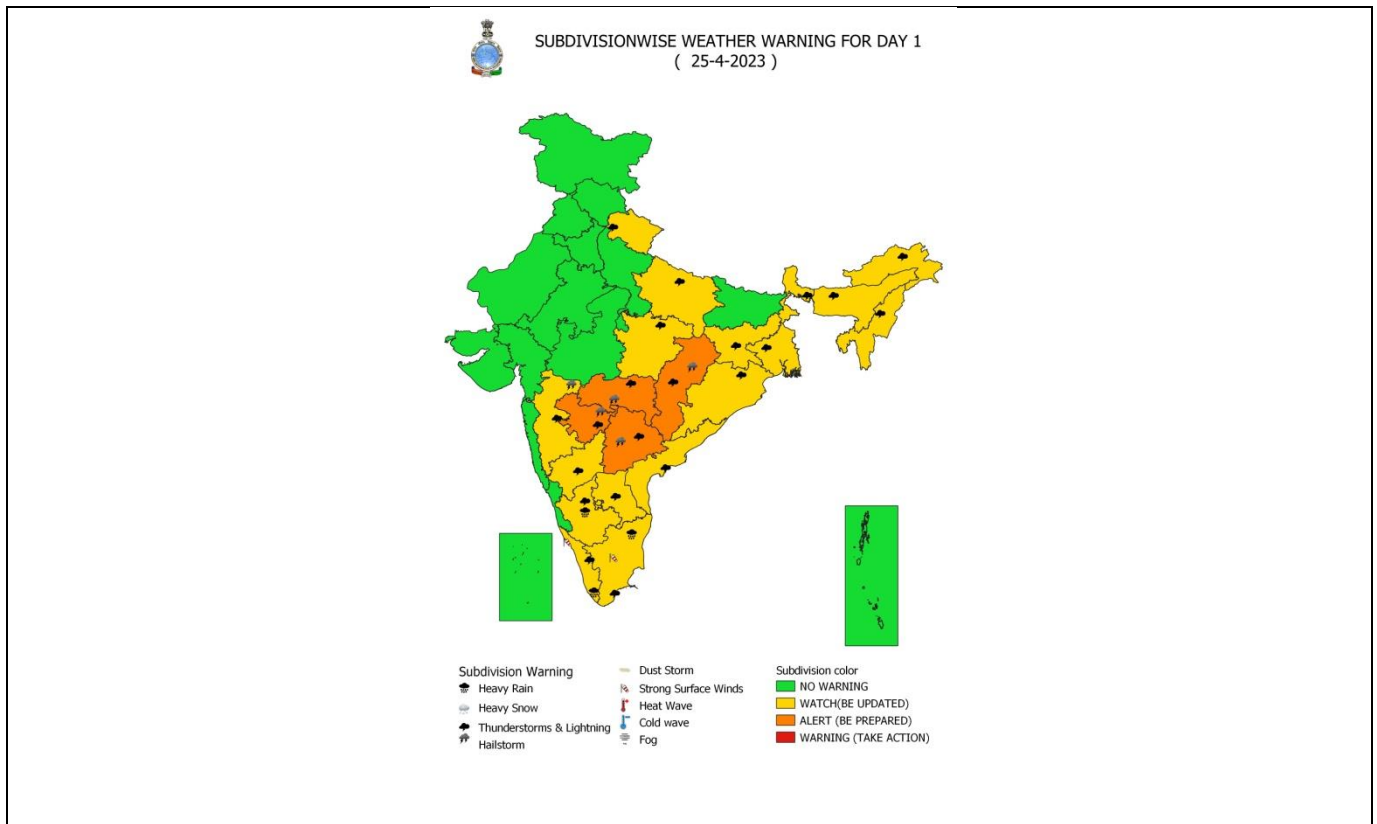
<https://mausam.imd.gov.in/responsive/districtWiseNowcast.php>

Agromet advisories for hailstorm/thunderstorms/gusty winds likely over various parts of the country:

- Complete harvesting of matured rice, maize and bajra in Telangana; rice in Kerala and Odisha; green gram and black gram in Tamilnadu; mustard in Arunachal Pradesh during clear weather and keep the harvested produce in safer places.
- Continue harvesting of maize, onion and other vegetables in Madhya Maharashtra, Marathwada and Vidarbha during the clear weather and keep the harvested produce in safer places.
- Maintain proper drainage channels in crop fields to avoid water stagnation in Arunachal Pradesh, Assam & Meghalaya, Tamil Nadu, Kerala and South Interior Karnataka.
- Use hail nets to protect orchards in Telangana, Himachal Pradesh, East Madhya Pradesh, Chhattisgarh, Madhya Maharashtra, Marathwada and Vidarbha.
- Provide mechanical support to horticultural crops and staking to vegetables.

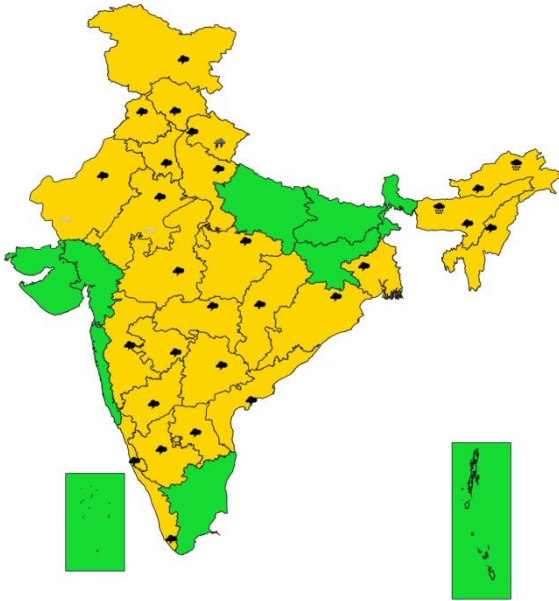
Observations: (from 0830 hours IST of yesterday to 0830 hours IST of today):

- **Rainfall/thundershowers observed: at many places over** East Uttar Pradesh, Chhattisgarh; **at a few places over** Kerala & Mahe, Tamilnadu, Puducherry & Karaikal, East Madhya Pradesh, Jharkhand, Gangetic West Bengal; **at isolated places over** Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Andaman & Nicobar Islands, Bihar, Sub-Himalayan West Bengal & Sikkim, Odisha, Jammu & Kashmir, Himachal Pradesh, West Uttar Pradesh, West Madhya Pradesh, Vidarbha, Coastal Andhra Pradesh, Telangana, Rayalaseema and South Interior Karnataka.
- ❖ **Significant rainfall recorded**(in cm): **Kerala:** Anchal ARG (Kollam district) 8; **Tamil Nadu:** Billimalai Estate (dist Nilgiris), Chinnakalar (dist Coimbatore) 7 each, Tiruchendur (dist Toothukudi), Mettupatti (dist Madurai), Adar Estate (dist Nilgiris), Watrap (dist Virudhunagar), Coonoor (dist Nilgiris), Chamraj Estate (dist Nilgiris), Panchapatti (dist Karur), Kothagiri (dist Nilgiris) 6 each, Telangana: Mallial (dist Jagtial) 8, Thimmapur (dist Karimnagar) 7, Gangadhara (dist Karimnagar) 5, Bachhanpet (dist Jangaon) 5, **Coastal Andhra Pradesh:** Paderu (dist Alluri Sitharamaraju) 2, Araku Valley (dist Alluri Sitharamaraju) 2, **Rayalaseema:** Kadiri (dist Sri Sathyasai District) 3, South Interior Karnataka: Kunigal (dist Tumakuru) 6, Sargur (dist Mysuru) 4, **Chhattisgarh:** Champa (dist Janjgir) 4, Pali (dist Korba) 3, Korba (dist Korba) 3; **Vidarbha:** Korpana (dist Chandrapur) 4, Joiti (dist Chandrapur) 2; **East Madhya Pradesh:** Mawai (dist Mandla) 3, Jawa (dist Rewa) 3, Amarpatan (dist Satna) 3; **Gangetic West Bengal:** Birbhum-4.
- ❖ **Heavy rainfall recorded: Heavy rainfall** at isolated places over Telangana, Kerala and Tamilnadu.
- ❖ **Hailstorm observed:** at isolated places over Jharkhand, Odisha, East Uttar Pradesh, East Madhya Pradesh, Vidarbha, Chhattisgarh and Telangana.





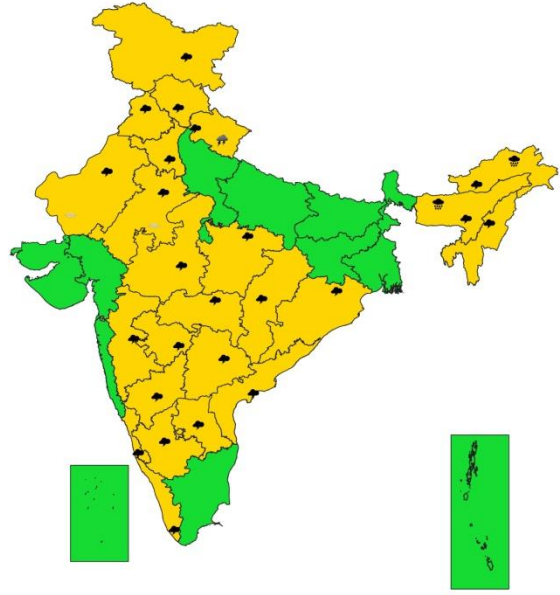
**SUBDIVISIONWISE WEATHER WARNING FOR DAY 4
(28-4-2023)**



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



**SUBDIVISIONWISE WEATHER WARNING FOR DAY 5
(29-4-2023)**



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

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