



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

**Press Release
Date: 26th April, 2023
Time of Issue: 1315 hours IST**

Subject: Wet spell with thunderstorm activity 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

Significant Meteorological features:

- ❖ A Western Disturbance as a cyclonic circulation lies over Pakistan & adjoining Iran in lower & middle levels.
- ❖ A trough/wind discontinuity runs from west Vidarbha 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 Madhya Pradesh, Vidarbha and Chhattisgarh during next 5 days.
- ❖ **Hailstorm** very likely at isolated places over Madhya Pradesh, Vidarbha and Chhattisgarh today.

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 Kerala during 26th-30th and over North Interior Karnataka, Telangana on 26th & 27th; over Coastal Andhra Pradesh on 27th and over South Interior Karnataka & Rayalaseema on 29th & 30th April.
- ❖ **Hailstorm** very likely at isolated places over Telangana on 26th & 27th April and over North Interior Karnataka today.

East India:

- ❖ Light/moderate isolated to scattered **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 on 27th & 28th and over 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, Assam & Meghalaya during 28th-30th and over Nagaland, Manipur, Mizoram & Tripura on 29th & 30th April.

West India:

- ❖ Light isolated to scattered rainfall with thunderstorm/lightning very likely over Madhya Maharashtra & Marathwada and light isolated rainfall over Gujarat state during next 5 days.
- ❖ **Hailstorm** activity very likely at isolated places over Madhya Maharashtra on 26th & 27th and over Marathwada during 26th-28th April.

Northwest India:

- ❖ Light/moderate scattered rainfall/snowfall with thunderstorm/lightning very likely over Western Himalayan Region during 26th-30th April and isolated to scattered rainfall with thunderstorm/lightning over plains of Northwest India during 27th-30th April.
- ❖ **Hailstorm** activity very likely at isolated places over Jammu & Kashmir on 26th; Himachal Pradesh on 26th & 27th and over Uttarakhand during 27th-30th April.
- ❖ **Duststorm** very likely at isolated places over Rajasthan during 27th-29th April, 2023.

Maximum Temperatures observed:

- ❖ Yesterday, Maximum Temperatures were below 40°C over most parts of the country.
- ❖ Maximum Temperatures were below normal to near normal over most parts of the country except northeast India, where these are above normal by 2-4°C.

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 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>

Impact expected and action suggested due to isolated thunderstorm with lightning/gusty

winds & Hailstorm over Madhya Pradesh, Vidarbha, Chhattisgarh, Jharkhand, North Interior Karnataka on 26th; Odisha, Madhya Maharashtra, Marathwada, Telangana on 26th & 27th 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:

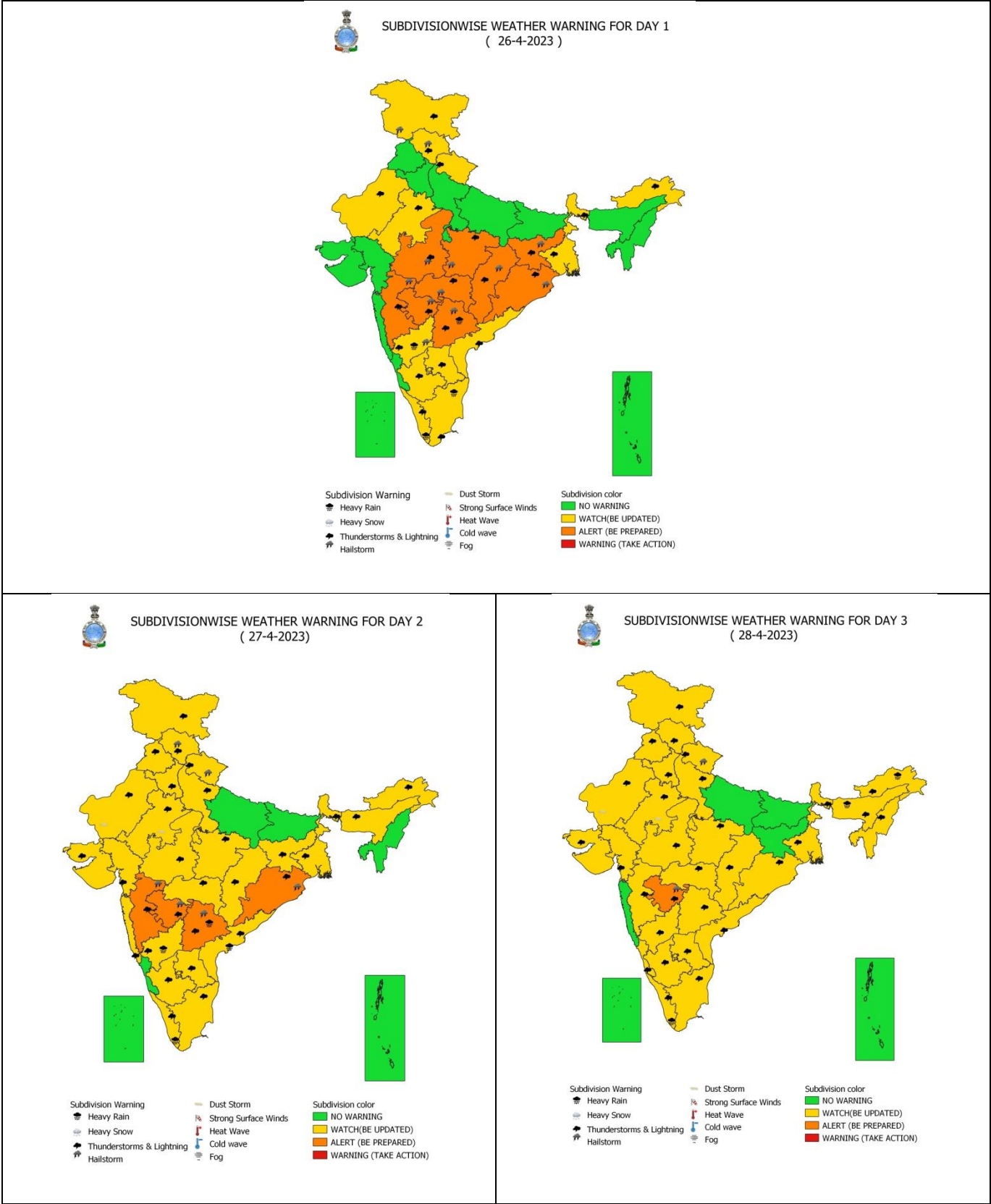
- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the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

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

- Complete harvesting of matured rice, maize and bajra in Telangana; rice in Kerala, Odisha and Interior Karnataka; green gram and black gram in Tamilnadu; mustard in Arunachal Pradesh; wheat in Himachal Pradesh and Uttarakhand during clear weather and keep the harvested produce in safer places.
- Continue harvesting of matured maize, fruits (grapes, pomegranate, mango etc.), 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, North Interior Karnataka, Coastal Andhra Pradesh and Telangana.
- Use hail nets to protect orchards in Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Madhya Pradesh, Chhattisgarh, Madhya Maharashtra, Marathwada, Vidarbha, Odisha, Jharkhand, North Interior Karnataka and Telangana.
- Provide mechanical support to horticultural crops and staking to vegetables.

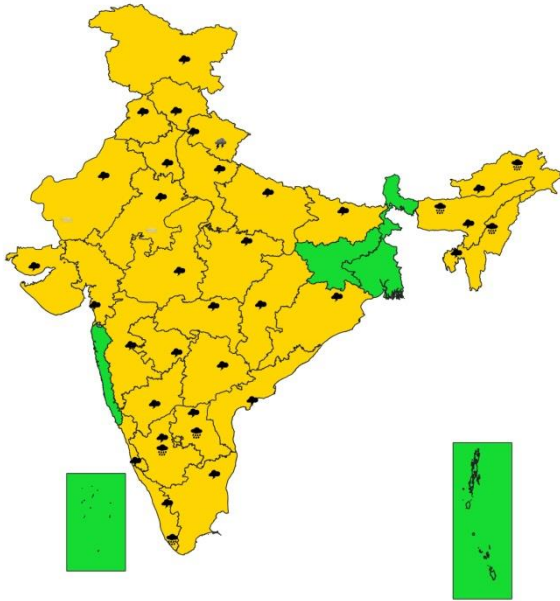
Observations: (from 0830 hours IST of yesterday to 0830 hours IST of today):

- **Rainfall/thundershowers observed:** at many places over Kerala & Mahe, Vidarbha, Odisha; at a few places over Tamilnadu, Puducherry & Karaikal, Interior Karnataka, Chhattisgarh, Jharkhand, Arunachal Pradesh; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Andaman & Nicobar Islands, Bihar, West Bengal & Sikkim, Jammu & Kashmir, Himachal Pradesh, Uttarakhand, East Madhya Pradesh, Madhya Maharashtra, Marathawada, Gujarat Region, Coastal Karnataka, Coastal Andhra Pradesh, Telangana, Rayalaseema and South Interior Karnataka.
- ❖ **Significant rainfall recorded**(in cm): **Odisha:** Jeypore (dist Koraput) 10, Rudaigiri (dist Gajapati) 8, Bhadrak (dist Bhadrak) 5, Koksara (dist Kalahandi) 5, Harichandanpur (dist Keonjhar) 5, **Kerala:** Kottayam 9, Cherthala (Alappuzha district) 8, Kanjirappally (Kottayam district) 7, Cherthala AWS (Alappuzha district) 5; **Tamil Nadu:** Periyakulam (dist Theni) 7, Chinnakalar (dist Coimbatore) 6, **Telangana:** Mirdoddi (dist Siddipet) 10, Mominpet (dist Vikarabad) 9, Bhuvanagiri (dist Y. Bhuvanagiri) 9, Hakimpet Iaf (dist M. Malkajgiri) 8, Bhongir(arg) (dist Y. Bhuvanagiri) 8, Midjil (dist Mahabubnagar) 8, Narayanpet (dist Narayanpet) 8, Madhira (dist Khammam) 8, **Coastal Andhra Pradesh:** Jiyyamma Valasa (dist Parvathipuram Manyam) 7, Komarada (dist Parvathipuram Manyam) 6, **Rayalaseema:** Yemmiganur (dist Kurnool) 11, Banaganapalle (dist Nandyal) 9, Gonegandla (dist Kurnool) 7, **North Interior Karnataka:** L Saidapur (dist Yadgir) 7, Aurad (dist Bidar) 3, **South Interior Karnataka** Balehonnur (dist Chikkamagaluru) 3
- ❖ **Heavy rainfall recorded: Heavy rainfall** at isolated places over Odisha, Coastal Andhra Pradesh, Rayalaseema, Telangana, North Interior Karnataka, Kerala and Tamilnadu.
- ❖ **Hailstorm observed:** at isolated places over Jammu & Kashmir, Uttarakhand, Jharkhand, Odisha, East Uttar Pradesh, East Madhya Pradesh, Vidarbha, Chhattisgarh, Marathawada and Telangana.





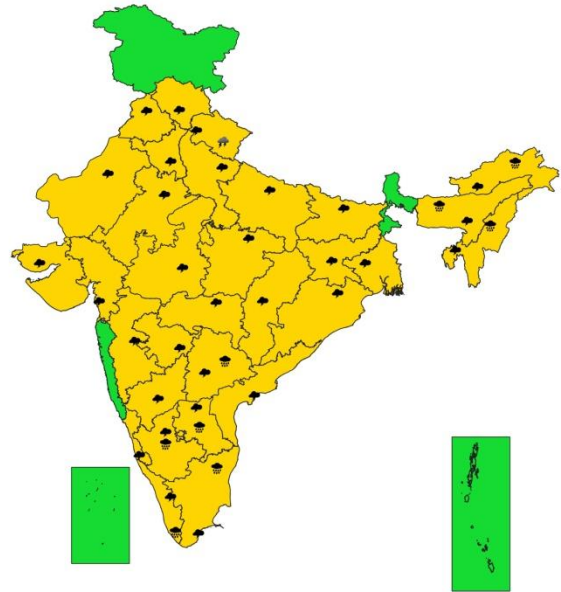
SUBDIVISIONWISE WEATHER WARNING FOR DAY 4
(29-4-2023)



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



SUBDIVISIONWISE WEATHER WARNING FOR DAY 5
(30-4-2023)
















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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