

National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Friday, April 19, 2024 Time of Issue: 0800 hours IST (MORNING)

All India Impact Based Weather Warning Bulletin

19 April (Day 1):

- Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) & hailstorm very likely at isolated places over Himachal Pradesh; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Uttarakhand, Punjab, Haryana-Chandigarh-Delhi, West Uttar Pradesh, East Rajasthan, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Karnataka; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Vidarbha, Chhattisgarh, Arunachal Pradesh, Madhya Maharashtra, Marathwada, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Lakshadweep, Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana.
- **Heavy rainfall/snowfall** very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Arunachal Pradesh; **Heavy rainfall** at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Kerala & Mahe and South Interior Karnataka.
- **Hot and humid weather** very likely to prevail over Konkan.
- **\Delta Heat wave to severe heat wave** very likely to prevail in some pockets over Gangetic West Bengal; in isolated pockets over Odisha; **heat wave** in isolated pockets over Jharkhand, Tamil Nadu, Puducherry & Karaikal, Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana.
- **Warm Night** very likely to prevail in isolated pockets over Rayalaseema.
- ❖ Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph very likely to prevail over off north Andhra Pradesh and south Odisha coasts. Fishermen are advised not to venture into these areas.

20 April (Day 2):

- Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) very likely at isolated places over Vidarbha and Chhattisgarh; with gusty winds (speed reaching 30-40 kmph) at isolated places over Odisha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana and North Interior Karnataka; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Madhya Maharashtra, Marathwada, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Coastal & South Interior Karnataka.
- **Heavy to very heavy rainfall/snowfall** very likely at isolated places over Arunachal Pradesh; **Heavy rainfall** at isolated places over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **Hot and humid weather** very likely to prevail over Tamil Nadu, Puducherry & Karaikal, Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana.
- **Heat wave to severe heat wave** very likely to prevail in some pockets over Gangetic West Bengal; **heat wave** in isolated pockets over Bihar, Jharkhand, Odisha.
- ❖ Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph very likely to prevail over off north Andhra Pradesh and south Odisha coasts. Fishermen are advised not to venture into these areas.







21 April (Day 3):

- Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) likely at isolated places over Vidarbha, Odisha and Chhattisgarh; with gusty winds (speed reaching 30-40 kmph) at isolated places over Madhya Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Madhya Maharashtra, Marathwada, Kerala & Mahe and North Interior Karnataka.
- **Heavy rainfall/snowfall** likely at isolated places over Arunachal Pradesh; **Heavy rainfall** at isolated places over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **Hot and humid weather** likely to prevail over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana.
- **Heat wave to severe heat wave** likely to prevail in isolated pockets over Gangetic West Bengal; **heat wave** in isolated pockets over Bihar, Jharkhand and Odisha.

22 April (Day 5):

- Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) likely at isolated places over Chhattisgarh and Odisha; with gusty winds (speed reaching 30-40 kmph) at isolated places over West Madhya Pradesh, Vidarbha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Uttarakhand, East Madhya Pradesh, Arunachal Pradesh, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana.
- **Heavy rainfall/snowfall** likely at isolated places over Arunachal Pradesh.
- ♦ Hot and humid weather likely to prevail over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana.

Heat wave likely to prevail in isolated pockets over Gangetic West Bengal, Bihar and Jharkhand.

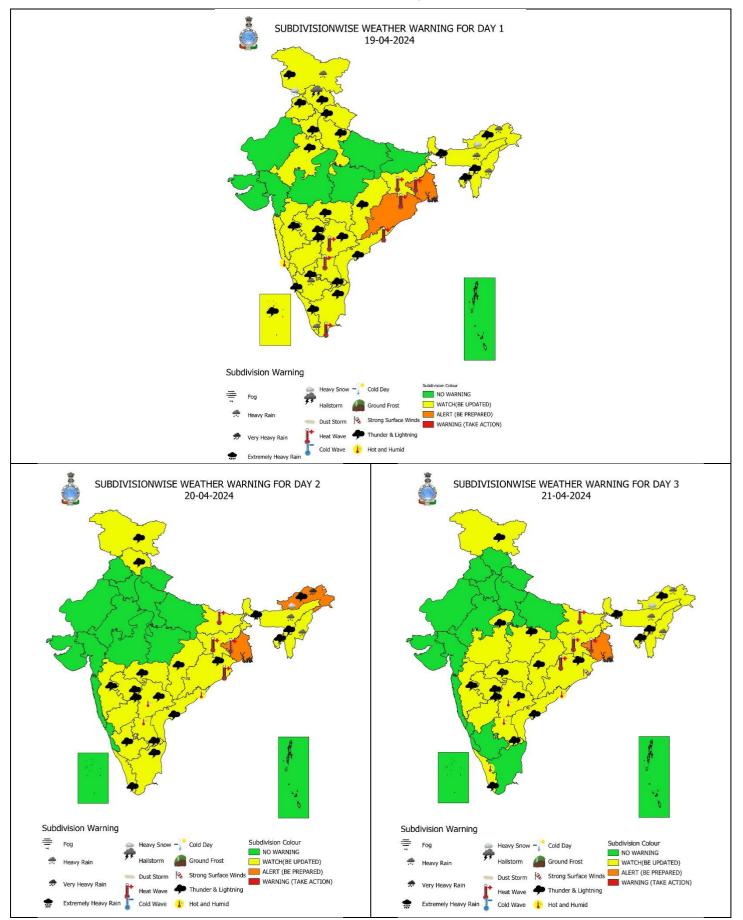
22 April (Day 5):

- Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) likely at isolated places over Chhattisgarh and Odisha; with gusty winds (speed reaching 30-40 kmph) at isolated places over West Madhya Pradesh, Vidarbha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura; with lightning at isolated places over East Madhya Pradesh, Arunachal Pradesh, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana.
- **Heavy rainfall/snowfall** likely at isolated places over Arunachal Pradesh.
- **Hot and humid weather** likely to prevail over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana.
- Heat wave likely to prevail in isolated pockets over Gangetic West Bengal, Bihar and Jharkhand.



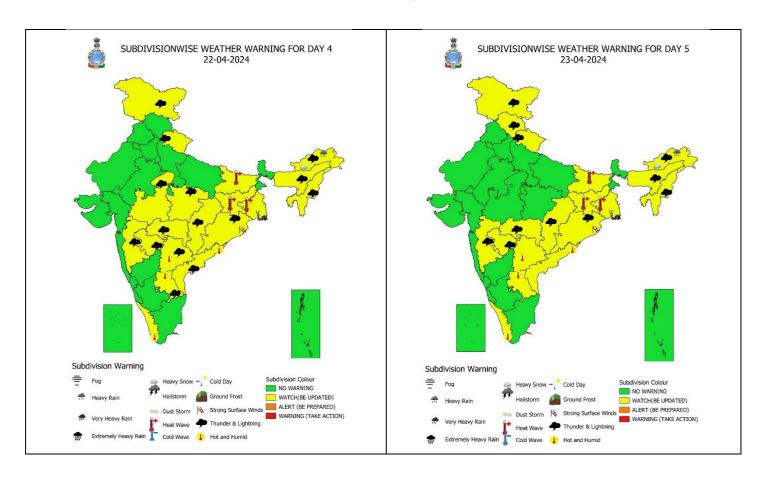


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Impact expected and action suggested due to thunderstorm accompanied with lightning/gusty winds & Hailstorm over Himachal Pradesh on 19th April, 2024.

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.



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Impact & Action Suggested due to heavy rainfall/snowfall over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 19th April, 2024 and Arunachal Pradesh on 19th & 20th April, 2024.

Impacts Expected for Rain/Snow

- Disruption of Electricity.
- Landslide, rock fall and mudslides, Blocking/washout of roads/highways/bridges Nallahs.
- Disruption of traffic flow.
- Damage to Kuccha and unsecured structures.

Suggested Actions

- Avoid roadway underpasses, drainage ditches, low lying areas and areas where water collects they can unexpectedly flood or overflow.
- Stay away from power lines or electrical wires.
- Don't stay in kuchcha houses during heavy rainfall as it may collapse anytime soon.
- Drive carefully.

IMPACT & ACTION SUGGESTED due to Heat Wave Conditions:

Orange alert Areas (Odisha & Gangetic West Bengal)

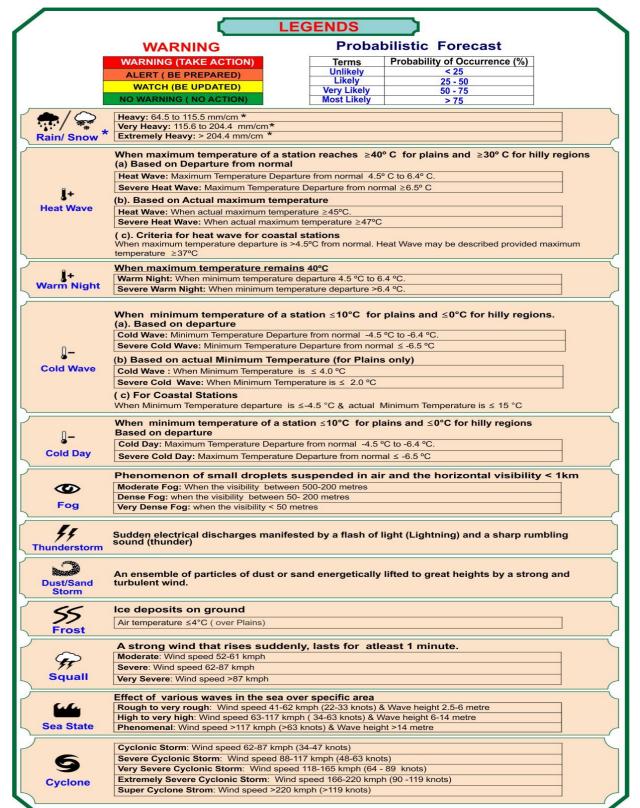
- ❖ Moderate temperature & heat is tolerable for general public but moderate health concern likely for vulnerable people e.g. infants, elderly, people with chronic diseases.
- ❖ Avoid heat exposure– keep cool. Avoid dehydration.
- Drink sufficient water- even if not thirsty.
- Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated

Yellow alert Areas (Jharkhand, Saurashtra & Kutch, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana and interior Tamil Nadu**)**

- ❖ Moderate temperature & heat is tolerable for general public but moderate health concern likely for vulnerable people e.g. infants, elderly, people with chronic diseases.
- ❖ Avoid heat exposure.
- Wear lightweight, light colour, loose, cotton clothes.
- . Cover your head, use a cloth, hat or umbrella.



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Kindly download MAUSAM APP for location specific forecast & warning, MEGHDOOT APP for Agromet advisory and DAMINI APP for Lightning Warning & visit state MC/RMC websites for district wise warning.