

National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Thursday, April 18, 2024 Time of Issue: 0830 hours IST (MORNING)

All India Impact Based Weather Warning Bulletin

18 April (Day 1):

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

19 April (Day 2):

- Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) & hailstorm likely at isolated places over Himachal Pradesh and Uttarakhand; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Punjab, Haryana-Chandigarh-Delhi, West Uttar Pradesh, Rajasthan, Madhya Pradesh, Vidarbha, Sub-Himalayan West Bengal & Sikkim, Karnataka and Kerala & Mahe; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Arunachal Pradesh, Assam & Meghalaya Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Marathwada, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.
- Heavy rainfall/snowfall likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Arunachal Pradesh; Heavy rainfall at isolated places over Assam & Meghalaya, South Interior Karnataka and Kerala & Mahe.
- **\Delta Hot and humid weather** likely to prevail over Konkan and Coastal & south Interior Karnataka.
- ♦ Heat wave to severe heat wave very likely to prevail in isolated pockets over Gangetic West Bengal and Odisha; heat wave likely to prevail in isolated pockets over Bihar, Jharkhand, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema and Tamil Nadu, Puducherry & Karaikal.
- ❖ Squally weather with wind speed 40 kmph to 45 kmph gusting to 55 kmph likely over Comorin area and adjoining Gulf of Mannar.





20 April (Day 3):

- Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) likely at isolated places over Chhattisgarh; with gusty winds (speed reaching 30-40 kmph) likely at isolated places over Punjab, Haryana-Chandigarh-Delhi, East Madhya Pradesh, Vidarbha, Odisha, Telangana, North Interior Karnataka and Kerala & Mahe; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Madhya Pradesh, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam and Rayalaseema.
- **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 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 likely to prevail in isolated pockets over Bihar, Jharkhand and Odisha.
- Squally weather with wind speed 40 kmph to 45 kmph gusting to 55 kmph likely over Comorin area and adjoining Gulf of Mannar.

21 April (Day 4):

- Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) likely at isolated places over Chhattisgarh; with gusty winds (speed reaching 30-40 kmph) likely at isolated places over Vidarbha, Odisha, 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, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Marathwada, Kerala & Mahe, Coastal Andhra Pradesh & Yanam and Rayalaseema.
- **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 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 likely to prevail in isolated pockets over Bihar, Jharkhand and Odisha.

22 April (Day 5):

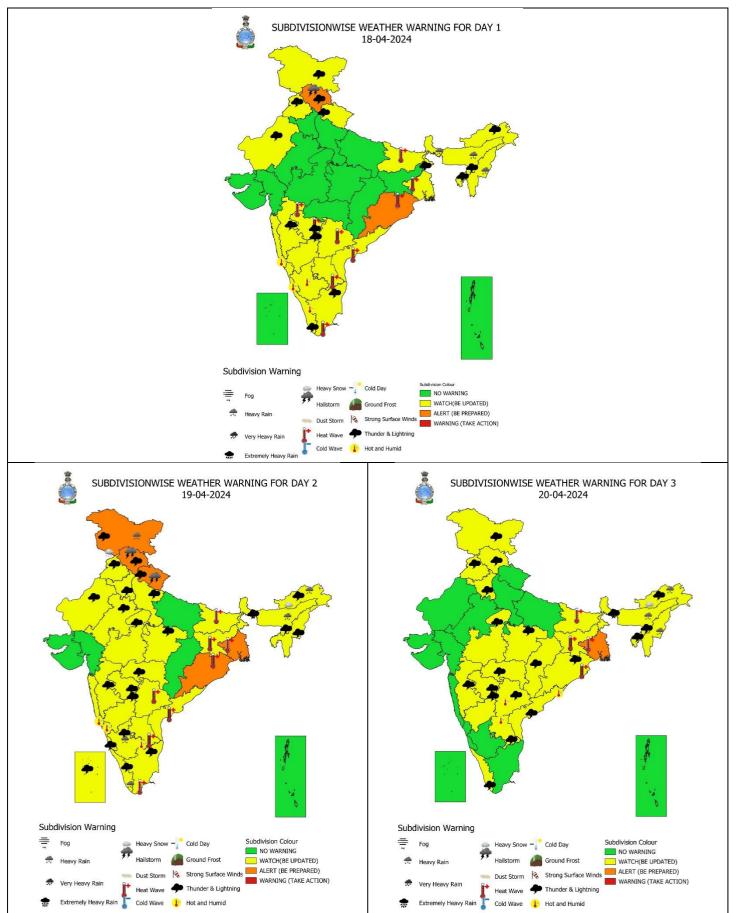
- * Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) likely at isolated places over Chhattisgarh, Vidarbha, Marathwada; with gusty winds (speed reaching 30-40 kmph) likely at isolated places over Madhya Pradesh, Odisha, Madhya Maharashtra, Telangana, North Interior Karnataka and Kerala & Mahe; with lightning at isolated places over Konkan & Goa, Coastal Andhra Pradesh & Yanam, Assam & Meghalaya, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Sikkim, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab.
- **Heavy rainfall/snowfall** likely at isolated places over Arunachal Pradesh; **Heavy rainfall** at isolated places over Assam & Meghalaya.
- ♦ Hot and humid weather likely to prevail over 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 likely to prevail in isolated pockets over Bihar, Jharkhand and Odisha.



राष्ट्रीय मौसम पूर्वानुमान केन्द्र भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय



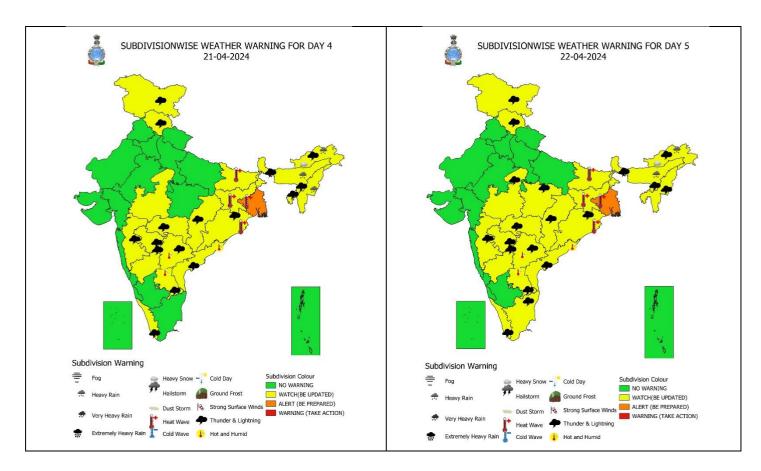
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Impact expected and action suggested due to thunderstorm accompanied with lightning/gusty winds & Hailstorm over Himachal Pradesh on 18th & 19th and Uttarakhand 19th April, 2024.

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 Assam & Meghalaya during 18th to 21st, over Mizoram and Tripura on 18th, 20th & 21st, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 19th 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, Saurashtra, 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

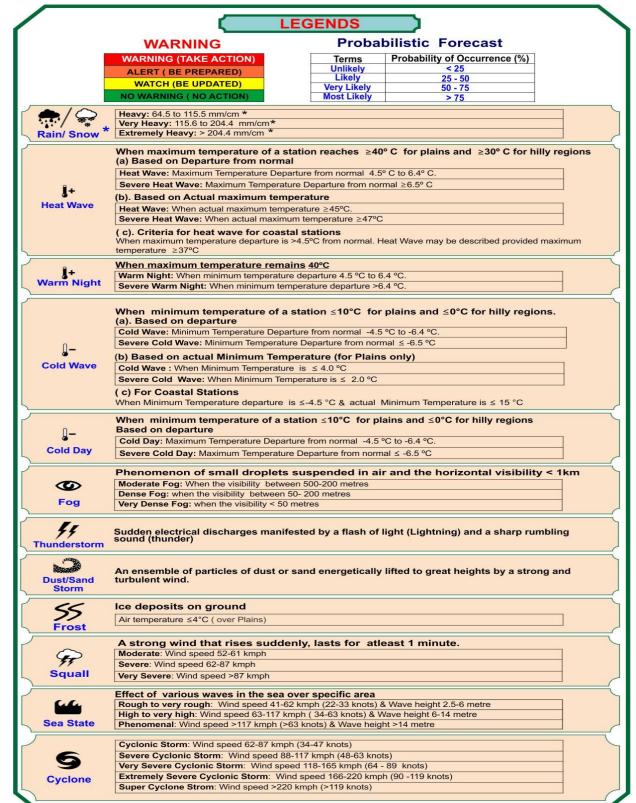
Yellow alert Areas (Jharkhand, north Konkan, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana, Tamil Nadu, Puducherry & Karaikal**)**

- ❖ 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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