

National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Sunday, April 21, 2024 Time of Issue: 2000 hours IST (NIGHT)

All India Impact Based Weather Warning Bulletin

21 April (Day 1):

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

22 April (Day 2):

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





23 April (Day 3):

- ❖ Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) likely at isolated places over Chhattisgarh; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over East Madhya Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh & Yanam and Telangana; with lightning & hail at isolated places over Himachal Pradesh; with lightning at isolated places over Uttarakhand, West Bengal & Sikkim, Vidarbha, Arunachal Pradesh, Jharkhand and Odisha.
- **Heavy to very heavy rainfall/snowfall** likely at isolated places over Arunachal Pradesh and **Heavy rainfall** at isolated places over Assam & Meghalaya.
- ❖ Hot and humid weather very likely to prevail over Sub-Himalayan West Bengal & Sikkim, Odisha, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Rayalaseema, Coastal Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.
- ❖ Heat wave conditions in some parts with severe heat wave conditions in isolated pockets very likely to prevail over Gangetic West Bengal; heat wave conditions in isolated pockets over East Uttar Pradesh and Bihar.

24 April (Day 4):

- ❖ Thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph) likely at isolated places over Coastal Andhra Pradesh & Yanam, Telangana; with lightning at isolated places over Sub-Himalayan West Bengal & Sikkim, Vidarbha, Madhya Maharashtra, Marathwada, Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **Heavy rainfall** very likely at isolated places over Arunachal Pradesh.
- ❖ Hot and humid weather very likely to prevail over Sub-Himalayan West Bengal & Sikkim, Odisha, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Rayalaseema, Coastal Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.
- ❖ Heat wave conditions in some parts with severe heat wave conditions in isolated pockets likely to prevail over Gangetic West Bengal; heat wave conditions in isolated pockets over East Uttar Pradesh, Sub-Himalayan West Bengal & Sikkim and Bihar.

25 April (Day 5):

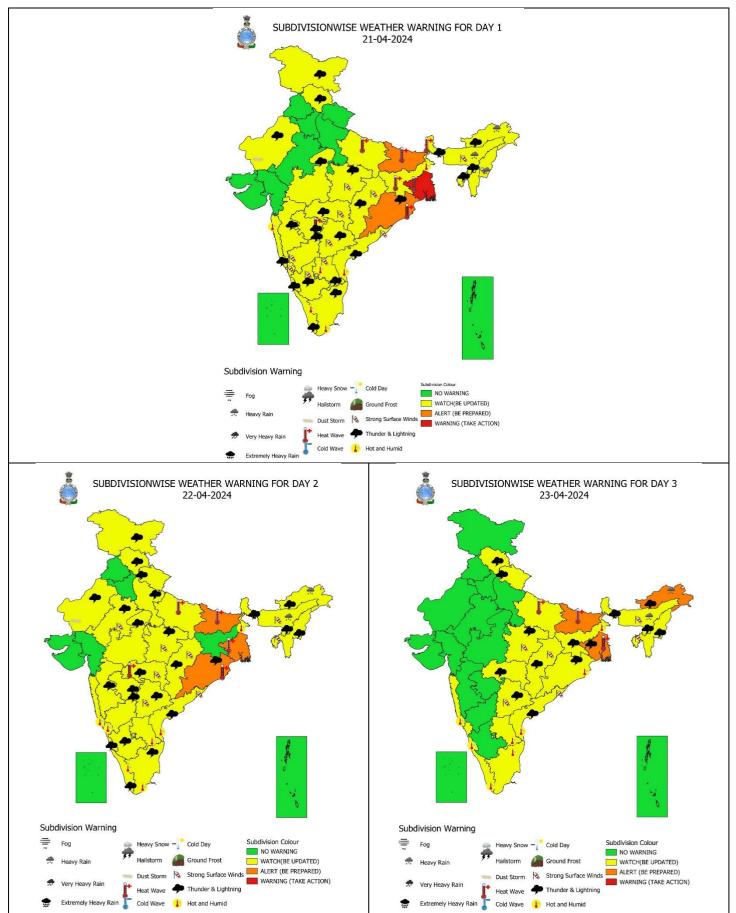
- ❖ Thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph) likely at isolated places over Coastal Andhra Pradesh & Yanam; with lightning at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **Heavy rainfall** very likely at isolated places over Arunachal Pradesh.
- Hot and humid weather very likely to prevail over Sub-Himalayan West Bengal & Sikkim, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Rayalaseema, Coastal Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.
- ❖ Heat wave conditions in some parts with severe heat wave conditions in isolated pockets likely to prevail over Gangetic West Bengal; heat wave conditions in isolated pockets over East Uttar Pradesh, Sub-Himalayan West Bengal & Sikkim, Jharkhand, Odisha and Bihar.



राष्ट्रीय मौसम पूर्वानुमान केन्द्र भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

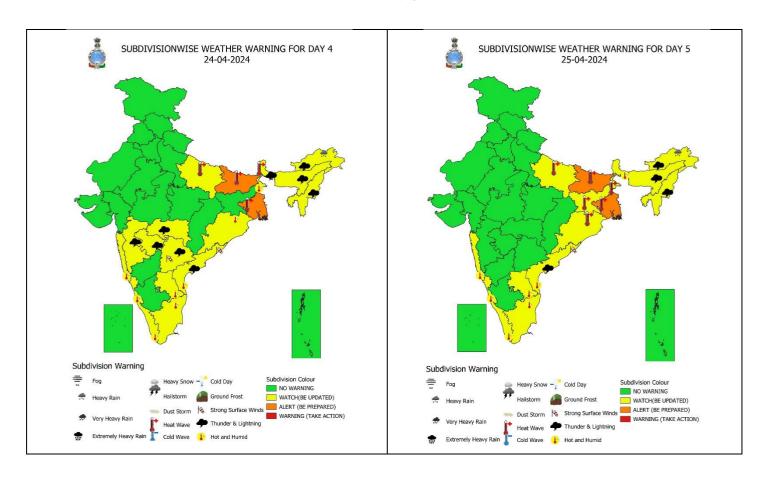




राष्ट्रीय मौसम पूर्वानुमान केन्द्र भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences





National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Impact expected and action suggested due to thunderstorm accompanied with lightning/gusty winds & Hailstorm over Vidarbha on 22nd 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.

Impact & Action Suggested due to heavy rainfall over Arunachal Pradesh during 21st-25th; Assam & Meghalaya on 21st, 22nd & 23rd April, 2024.

Impacts Expected for Rainfall/Snowfall over above regions:

- 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:

Red & Orange alert Areas (Bihar, 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

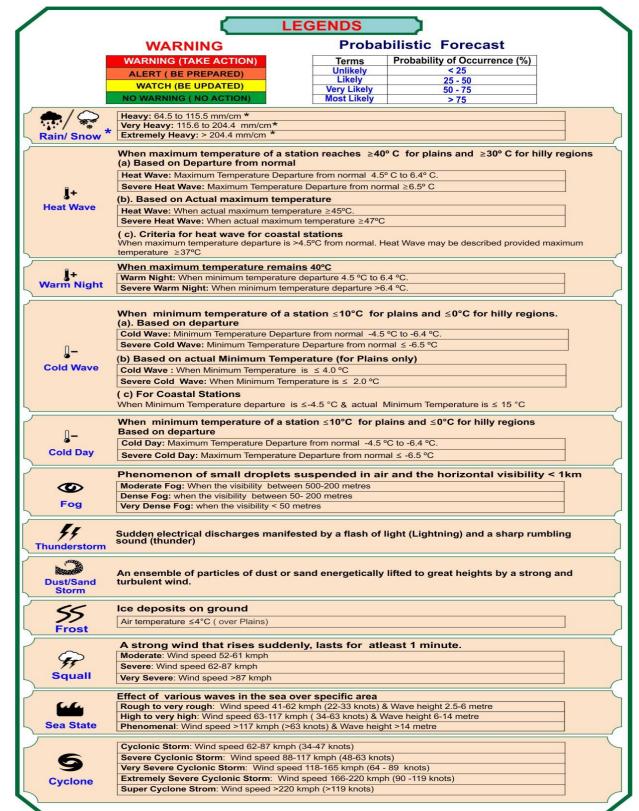
Yellow alert Areas (Sub-Himalayan West Bengal, Jharkhand, East Uttar Pradesh)

- ❖ Moderate temperature & heat is tolerable for general public but moderate health concernlikely 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.

राष्ट्रीय मौसम पूर्वानुमान केन्द्र भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences



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.