

#### National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Saturday, April 20, 2024 Time of Issue: 2000 hours IST (NIGHT)

# **All India Impact Based Weather Warning Bulletin**

# 20 April (Day 1):

- Thunderstorm accompanied with lightning & gusty winds (speed reaching 50-60 kmph) & hail very likely at isolated places over Telangana; with lightning & gusty winds (speed reaching 50-60 kmph) at isolated places over Rayalaseema, Interior Karnataka with gusty winds (speed reaching 40-50 kmph) at isolated places over Vidarbha, Chhattisgarh, Nagaland, Manipur, Mizoram & Tripura; with gusty winds (speed reaching 30-40 kmph) at isolated places over Odisha, Assam & Meghalaya, Kerala & Mahe, Lakshadweep, Coastal Andhra Pradesh & Yanam; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Konkan & Goa, Madhya Maharashtra, Marathwada.
- **Heavy rainfall/snowfall** very likely at isolated places over Arunachal Pradesh; **Heavy rainfall** at isolated places over Assam & Meghalaya, Nagaland, Manipur, Goa and Karnataka.
- **Hot and humid weather** very likely to prevail over Coastal Andhra Pradesh & Yanam, Rayalaseema, Tamil Nadu, Kerala & Mahe, Konkan and Madhya Maharashtra.
- Heat wave conditions in some parts with severe heat wave conditions very likely to prevail in isolated pockets over Gangetic West Bengal; Heat wave to severe heat wave conditions in isolated pockets over Odisha; heat wave conditions in isolated pockets over East Uttar Pradesh, Bihar, Jharkhand & interior Tamil Nadu.
- ❖ Warm Night conditions very likely to prevail in isolated pockets over East Uttar Pradesh, north Madhya Pradesh and Madhya Maharashtra.
- Squally weather with wind speed 40 kmph to 45 kmph gusting to 55 kmph likely to prevailing over along and off Karnataka, Goa and Konkan coasts, over Lakshadweep area and adjoining southeast Arabian sea.

#### 21 April (Day 2):

- Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) very likely at isolated places over Madhya Pradesh, Vidarbha, Chhattisgarh, Odisha, Coastal Andhra Pradesh & Yanam, Telangana, North Interior Karnataka; with gusty winds (speed reaching 30-40 kmph) at isolated places over West Rajasthan, Assam & Meghalaya, Kerala & Mahe, Rayalaseema and Coastal and South Interior Karnataka; with lightning at isolated places over Konkan & Goa, Madhya Maharashtra, Marathwada and Arunachal Pradesh.
- **Heavy rainfall/snowfall** very likely at isolated places over Arunachal Pradesh; **Heavy rainfall** at isolated places over Assam & Meghalaya and Manipur.
- **Hot and humid weather** very likely to prevail over Coastal Andhra Pradesh & Yanam, Rayalaseema, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.
- ♦ Heat wave conditions in some parts with severe heat wave conditions very likely to prevail in isolated pockets over Gangetic West Bengal; Heat wave to severe heat wave conditions in isolated pockets over Odisha; heat wave conditions in isolated pockets over Bihar and Jharkhand.
- **❖ Warm Night conditions** very likely to prevail in isolated pockets over East Uttar Pradesh and north Madhya Pradesh.





# 22 April (Day 3):

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

# 23 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) at isolated places over East Madhya Pradesh, Vidarbha, Coastal Andhra Pradesh & Yanam and Telangana; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Jharkhand, Odisha, Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **Heavy to very 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 Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamil Nadu, Puducherry & Karaikal.
- **Heat wave conditions** very likely to prevail **in some parts** over Gangetic West Bengal; **heat wave conditions** in isolated pockets over Bihar.

## 24 April (Day 5):

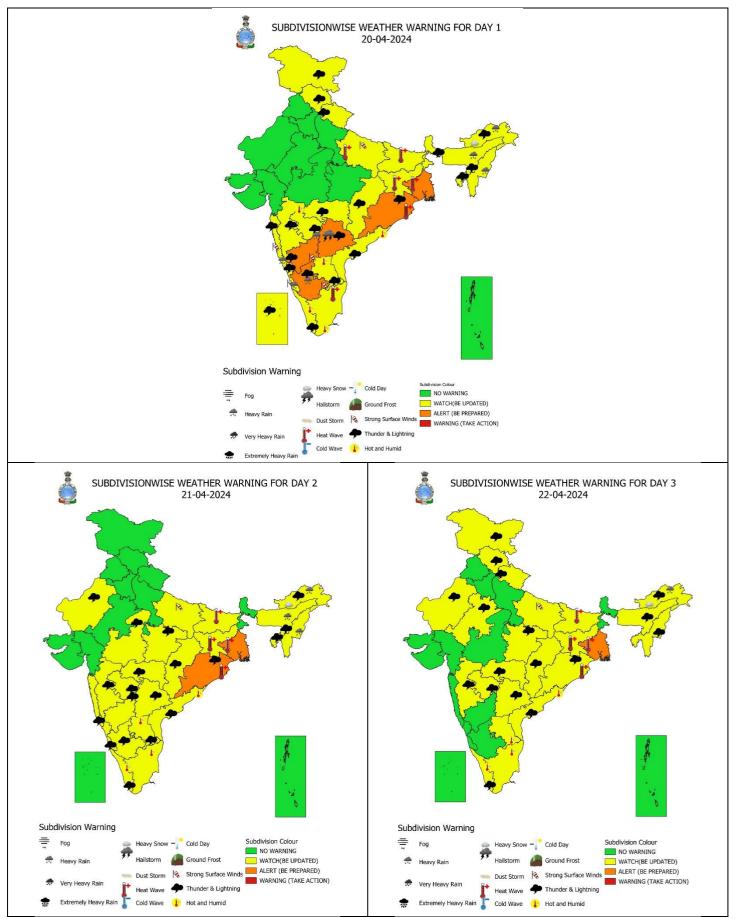
- Thunderstorm accompanied with lightning with gusty winds (speed reaching 30-40 kmph) likely at isolated places over Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam and Telangana; with lightning at isolated places over Odisha, Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram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



### राष्ट्रीय मौसम पूर्वानुमान केन्द्र भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय



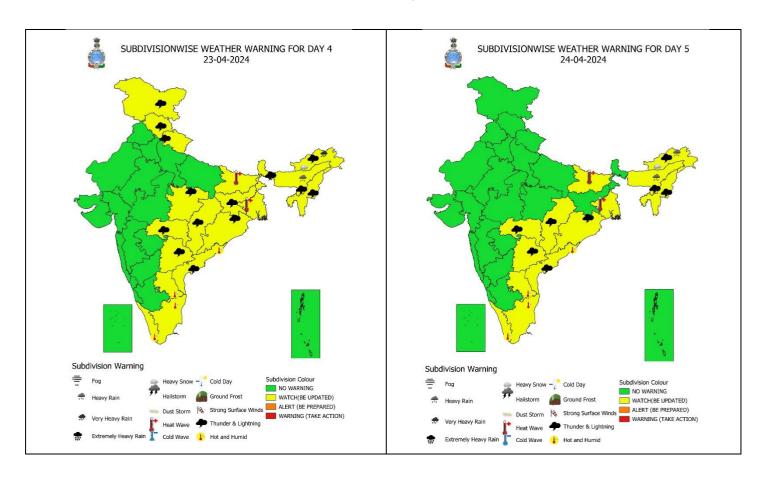
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## राष्ट्रीय मौसम पूर्वानुमान केन्द्र भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय



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Impact expected and action suggested due to thunderstorm accompanied with lightning/gusty winds & Hailstorm over Telangana, Karnataka on 20<sup>th</sup> 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 Arunachal Pradesh during 20th-24th; Assam & Meghalaya on 20th, 21st, 23rd & 24th 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:**

## 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

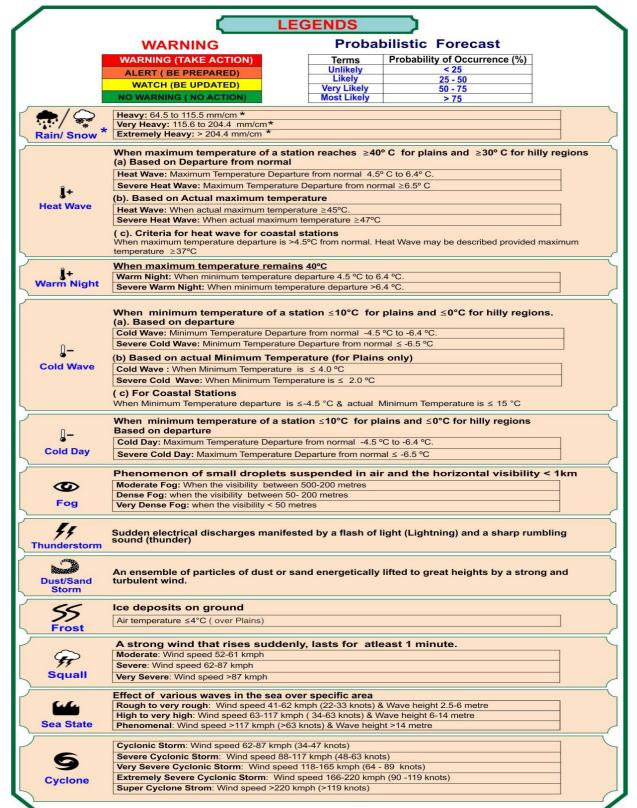
## Yellow alert Areas (Jharkhand, Bihar, East Uttar Pradesh, interior Tamil Nadu)

- ❖ 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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