

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

Tuesday, April 16, 2024 Time of Issue: 2000 hours IST (NIGHT)

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

# 16 April (Day 1):

- Thunderstorm accompanied with lightning, gusty winds (speed reaching 40-50 kmph) & hailstorm very likely at isolated places over Sub-Himalayan West Bengal & Sikkim; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Madhya Pradesh, Vidarbha, Chhattisgarh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Lakshadweep; with lightning at isolated places over Himachal Pradesh, Uttarakhand, Arunachal Pradesh, Odisha, Gangetic West Bengal, Madhya Maharashtra, Marathwada and Kerala & Mahe.
- **Heavy rainfall/snowfall** very likely at isolated places over Arunachal Pradesh; **Heavy rainfall** at isolated places over Assam & Meghalaya.
- ♦ Hot and humid weather very likely to prevail over coastal areas of Gujarat, Gangetic West Bengal, Rayalaseema, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.
- **Heat wave** very likely to prevail in isolated pockets over Gangetic West Bengal, Odisha, north Konkan, Saurashtra & Kutch.
- **Warm Night** very likely to prevail in isolated pockets over Madhya Maharashtra.
- ❖ Squally weather with wind speed 40 kmph to 45 kmph gusting to 55 kmph very likely to prevail over Lakshadweep and adjoining Maldives Area; with wind speed 45 kmph to 55 kmph gusting to 65 kmph prevail over Gulf of Oman and adjoining Northwest Arabian Sea. Fishermen are advised not to venture into these areas.

### 17 April (Day 2):

- Thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph) very likely at isolated places over Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura; with lightning at isolated places over Arunachal Pradesh, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam, Rayalaseema and Kerala & Mahe.
- **Heavy rainfall/snowfall** very likely at isolated places over Arunachal Pradesh; **Heavy rainfall** at isolated places over Assam & Meghalaya.
- Hot and humid weather very likely to prevail over coastal areas of Gujarat, Gangetic West Bengal, Coastal Karnataka, Rayalaseema, Coastal Andhra Pradesh & Yanam, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.
- **Heat wave** very likely to prevail in isolated pockets over Gangetic West Bengal, Odisha, north Konkan, Saurashtra & Kutch, Coastal Andhra Pradesh & Yanam and Telangana.
- **Warm Night** very likely to prevail in isolated pockets over Odisha and Madhya Maharashtra.
- Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph very likely to prevail over Gulf of Oman and adjoining Northwest Arabian Sea. Fishermen are advised not to venture into these areas.





### 18 April (Day 3):

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

### 19 April (Day 4):

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

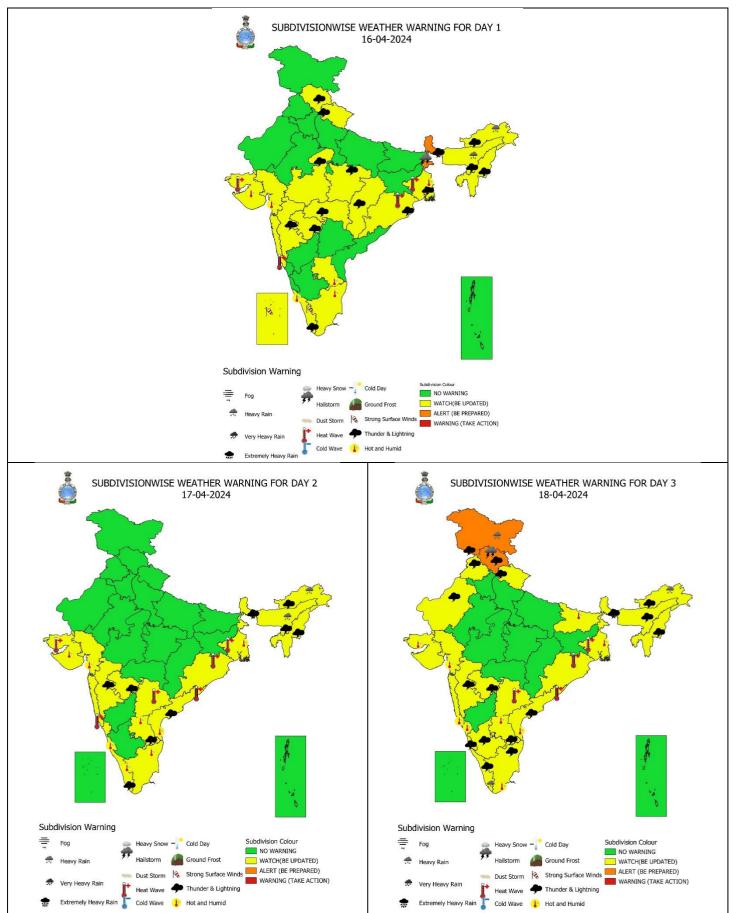
# 20 April (Day 5):

- Thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph) & hailstorm likely at isolated places over Punjab, Haryana-Chandigarh-Delhi, Vidarbha, Chhattisgarh, Assam & Meghalaya and Kerala & Mahe; with lightning at isolated places over Himachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana.
- **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 Gangetic West Bengal, Bihar, Rayalaseema, Konkan & Goa and Tamil Nadu, Puducherry & Karaikal.
- **\( \) Heat wave** likely to prevail in isolated pockets over Gangetic West Bengal and Odisha.
- **♦ Warm Night** likely to prevail in isolated pockets over Odisha.



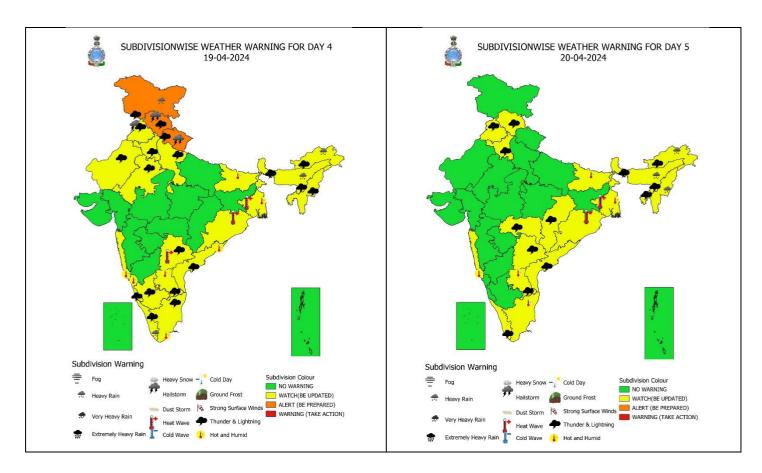


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Impact expected and action suggested due to thunderstorm accompanied with lightning/gusty winds & Hailstorm over Sikkim on 16<sup>th</sup>; Himachal Pradesh on 18<sup>th</sup> & 19<sup>th</sup> and Uttarakhand & Punjab 19<sup>th</sup> April, 2024.

#### 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.





Impact & Action Suggested due to heavy rainfall/snowfall over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 18<sup>th</sup> & 19<sup>th</sup> 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.

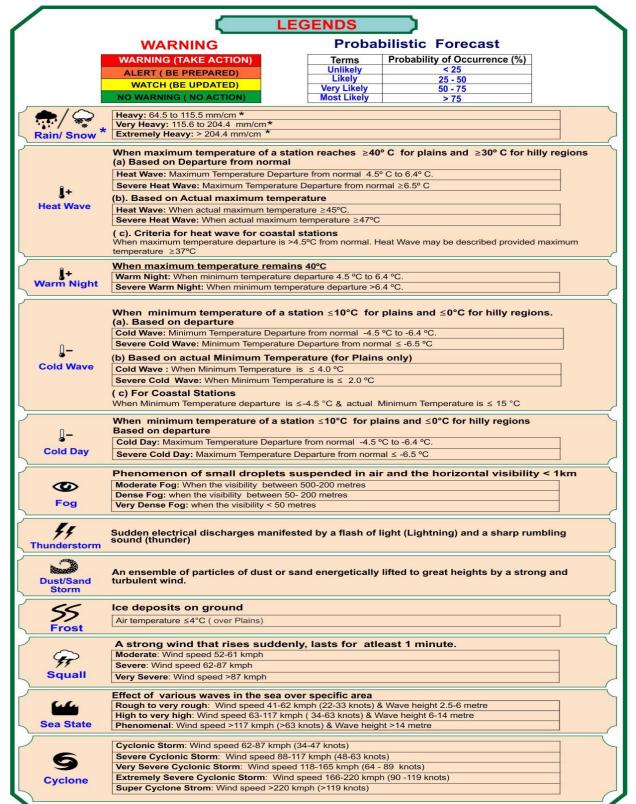
#### **IMPACT & ACTION SUGGESTED due to Heat Wave Conditions:**

Yellow alert Areas (Gangetic West Bengal, coastal Odisha, North Konkan, Saurashtra & Kutch, Telangana and Coastal Andhra Pradesh & Yanam)

- ❖ 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.