

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

Friday, March 29, 2024 Time of Issue: 0745 hours IST (MORNING)

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

#### 29 March (Day 1):

- Thunderstorm accompanied with lightning, gusty winds (speed reaching 40-50 kmph) & hailstorm very likely at isolated places over Uttarakhand, Punjab, Haryana, Chandigarh; with lightning & hailstorm at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh; with lightning & gusty winds (speed reaching 40-50 kmph) at isolated places over East Rajasthan; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Uttar Pradesh, West Rajasthan, Gangetic West Bengal; with lightning at isolated places over Madhya Pradesh, Odisha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Marathwada.
- Heavy rainfall/snowfall very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh.
- Warm night very likely to prevail in isolated pockets over Marathwada and Madhya Maharashtra.
- **Heat wave conditions** very likely at isolated places over Vidarbha and North Interior Karnataka.
- Hot and humid weather very likely to prevail over Saurashtra & Kutch, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

#### 30 March (Day 2):

- Thunderstorm accompanied with lightning, gusty winds (speed reaching 40-50 kmph) & hailstorm very likely at isolated places over Uttarakhand, Haryana, Chandigarh; with lightning, gusty winds (speed reaching 30-40 kmph) & hailstorm at isolated places over Punjab; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Uttar Pradesh, Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Bihar, West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Jharkhand, Odisha, Arunachal Pradesh, Assam & Meghalaya, Madhya Maharashtra and Marathwada.
- **Heavy rainfall/snowfall** very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Arunachal Pradesh; **Heavy rainfall** at isolated places over Assam & Meghalaya.
- **Heat wave conditions** very likely at isolated places over Vidarbha.
- Hot and humid weather very likely to prevail over Konkan & Goa, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

#### 31 March (Day 3):

- Thunderstorm accompanied with lightning, gusty winds (speed reaching 30-40 kmph) & hailstorm likely at isolated places over Uttarakhand; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Punjab, Haryana, Chandigarh, West Madhya Pradesh, Sub-Himalayan West Bengal & Sikkim; with lightning at isolated places over Jharkhand, Odisha and Arunachal Pradesh.
- **Heavy to very heavy rainfall/ snowfall** likely at isolated places over Arunachal Pradesh; **Heavy to very heavy rainfall** at isolated places over Assam & Meghalaya; **Heavy rainfall** at isolated places over Nagaland.
- Hot and humid weather likely to prevail over Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

#### 01 April (Day 4):

- **Thunderstorm accompanied with lightning** likely at isolated places over Arunachal Pradesh.
- Heavy rainfall/snowfall likely at isolated places over Arunachal Pradesh; Heavy rainfall at isolated places over Assam & Meghalava.
- Hot and humid weather likely to prevail over Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

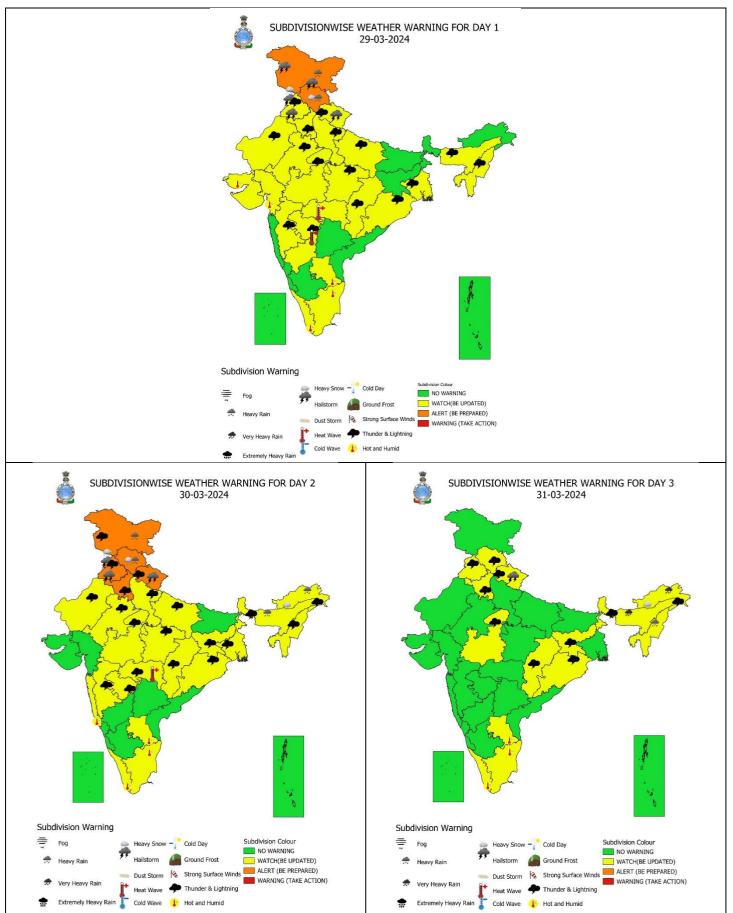
# 02 April (Day 5):

- **Thunderstorm accompanied with lightning** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- Hot and humid weather likely to prevail over Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.





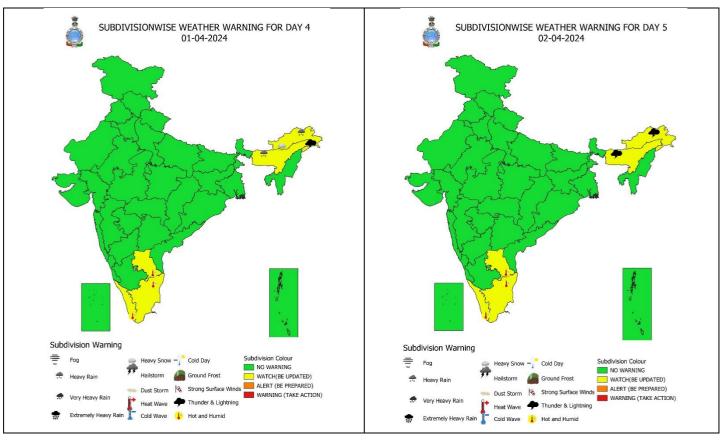
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Impact expected and action suggested due to thunderstorm with lightning/gusty winds & Hailstorm over Jammu & Kashmir on 29th; over Himachal Pradesh on 29th; over Uttarakhand during 29th-31st; over Punjab and Haryana & Chandigarh on 29th & 30th March.

# **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 & Himachal Pradesh on 29<sup>th</sup> & 30<sup>th</sup> March; Arunachal Pradesh and Assam & Meghalaya on 31<sup>st</sup> March, 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**

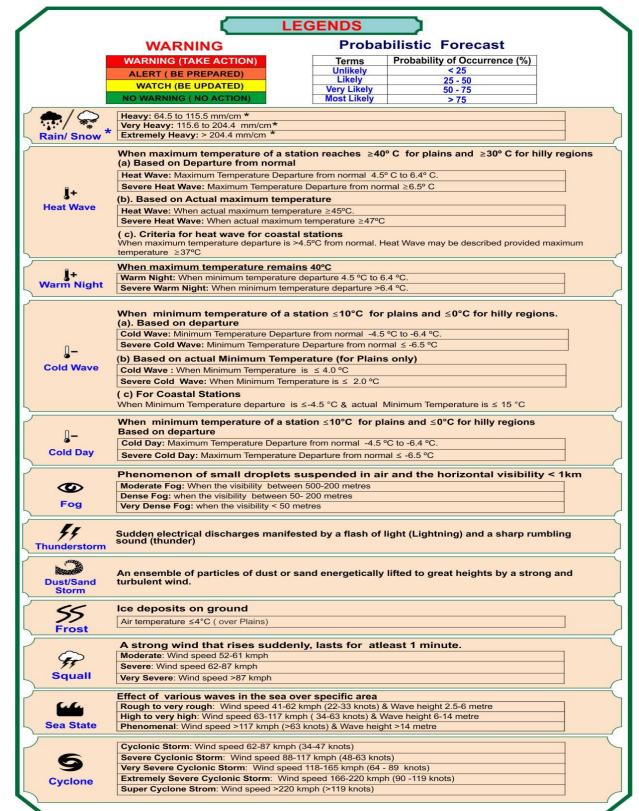
- Avoid roadway underpasses, drainage ditches, low lying areas and areas where water collects they can unexpectedly flood or overflow.
- Stay away from power lines or electrical wires.
- Don't stay in kuchcha houses during heavy rainfall as it may collapse anytime soon.
- Drive carefully.

# Agromet advisories for Heavy Rainfall, Gusty winds, Hailstorms and Heat Wave likely over various parts of the country:

- Use hail nets or hail caps in fruit orchards to protect them from mechanical damage and provide mechanical support to horticultural crops & staking to vegetables in Himachal Pradesh, Uttarakhand, Punjab and Haryana.
- In Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab and Haryana, harvest the matured crops and vegetables at the earliest and keep the harvested produce at safer places or cover the heaps of harvested produce in the fields with tarpaulin sheets.
- Provide mechanical support to horticultural crops and staking to vegetables in Gangetic West Bengal and Rajasthan.
- Apply light and frequent irrigation to standing crops in West Rajasthan, West Madhya Pradesh,
  Vidarbha and North Interior Karnataka.



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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.