





Thursday, May 02, 2024 Time of Issue:0745 hours IST (MORNING)

All India Impact Based Weather Warning Bulletin

02 May (Day 1):

- **❖** Thunderstorm accompanied with lightning & squally winds (speed reaching **50-60 kmph)** very likely at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura; with lightning, gusty winds (speed reaching 30-40 kmph) at isolated places over Sikkim; with lightning at isolated places over Arunachal Pradesh and Kerala & Mahe.
- **Heavy to very heavy rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Mizoram & Tripura; **heavy rainfall** at isolated places over Nagaland & Manipur.
- ❖ Hot and humid weather very likely to prevail over Coastal Karnataka.
- ❖ Heat wave to severe heat wave conditions very likely to prevail in many places over Gangetic West Bengal; in some parts over Jharkhand; in isolated pockets over Odisha, Bihar, Rayalaseema; heat wave conditions in isolated pockets over Sub-Himalayan West Bengal, Konkan, Madhya Maharashtra, Gujarat state, Coastal Andhra Pradesh & Yanam, Telangana, Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.
- ❖ Warm night conditions very likely to prevail in isolated pockets over Chhattisgarh, Gangetic West Bengal, Odisha and North Interior Karnataka.

03 May (Day 2):

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





04 May (Day 3):

- ❖ Thunderstorm accompanied with lightning, gusty winds (speed reaching 40-50 kmph) very likely at isolated places over Sikkim; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Rajasthan, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab, Odisha, Coastal Andhra Pradesh, Rayalaseema, South Interior Karnataka, Tamil Nadu and Kerala & Mahe.
- ❖ **Heat wave conditions** very likely to prevail in some parts over Gangetic West Bengal; in isolated pockets over Madhya Pradesh, Vidarbha, Chhattisgarh, Bihar, Jharkhand, Odisha, Konkan, Madhya Maharashtra, Marathwada, Gujarat state, Telangana, Rayalaseema and Interior Karnataka.
- ❖ Warm night conditions very likely to prevail in isolated pockets over Madhya Maharashtra, Marathwada and North Interior Karnataka.

05 May (Day 4):

- Thunderstorm accompanied with lightning, gusty winds (speed reaching 40-50 kmph) likely at isolated places over Sikkim; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, East Uttar Pradesh, Odisha, Coastal Andhra Pradesh, Rayalaseema, South Interior Karnataka, Tamil Nadu and Kerala & Mahe.
- **\Delta Heavy rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- **❖ Duststorm** likely at isolated places over East Uttar Pradesh.
- ❖ Heat wave likely to prevail in isolated pockets over Madhya Pradesh, Vidarbha, Chhattisgarh, Jharkhand, Odisha, Gangetic West Bengal, Madhya Maharashtra, Marathwada, Gujarat state, Telangana, Rayalaseema and North Interior Karnataka.
- ❖ Warm night conditions likely to prevail in isolated pockets over Madhya Maharashtra, Marathwada and North Interior Karnataka.

06 May (Day 5):

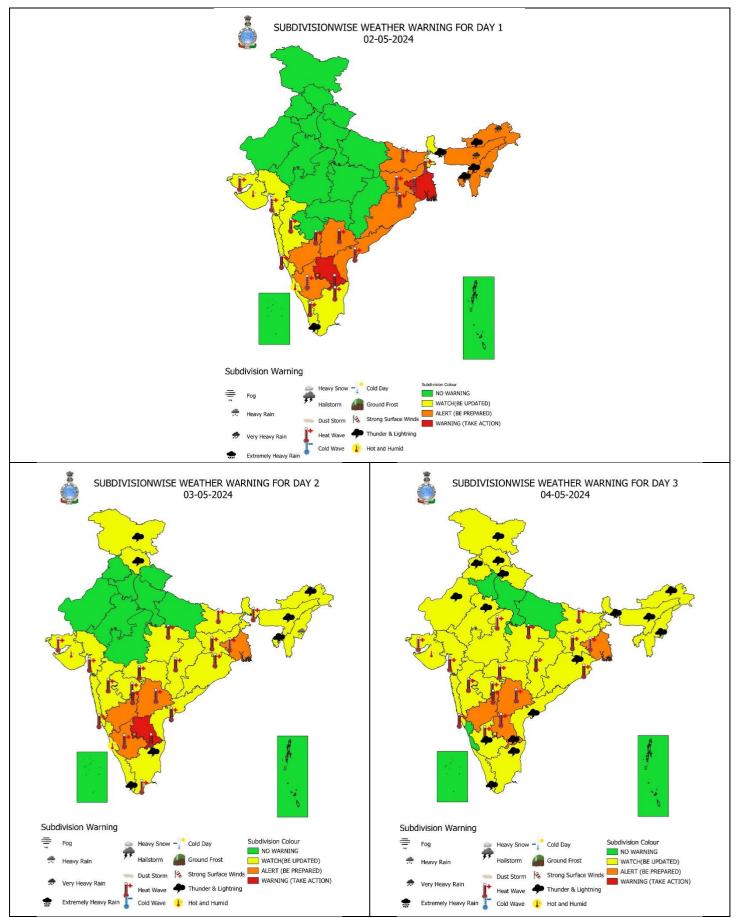
- ❖ Thunderstorm accompanied with lightning, gusty winds (speed reaching 40-50 kmph) likely at isolated places over Sikkim; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, East Uttar Pradesh, Odisha, Coastal Andhra Pradesh, Rayalaseema, South Interior Karnataka, Tamil Nadu and Kerala & Mahe.
- **\Display Heavy rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Duststorm** likely at isolated places over East Uttar Pradesh.
- ❖ Heat wave likely to prevail in isolated pockets over Madhya Pradesh, Vidarbha, Chhattisgarh, Jharkhand, Odisha, Gangetic West Bengal, Madhya Maharashtra, Marathwada, Gujarat state, Telangana, Rayalaseema and North Interior Karnataka.
- ❖ Warm night conditions likely to prevail in isolated pockets over Madhya Maharashtra, Marathwada and North Interior Karnataka.



राष्ट्रीय मौसम पूर्वानुमान केन्द्र भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय

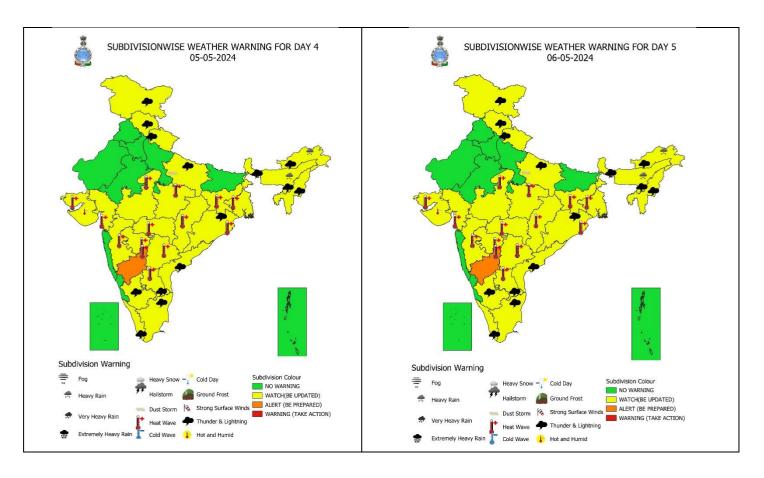


National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences









IMPACT & ACTION SUGGESTED due to Heat Wave Conditions:

Red alert Areas (Gangetic West Bengal, Rayalaseema)

- ✓ Very high likelihood of developing heat illness and heat stroke in all ages.
- ✓ Extreme care needed for vulnerable people.

Orange alert Areas (Bihar, Jharkhand, Odisha, Coastal Andhra Pradesh & Yanam, Telangana, Interior Karnataka)

- ✓ High temperature & increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work.
- ✓ High health concern 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 (Gujarat State, Maharashtra, Kerala, Tamil Nadu, Madhya Pradesh and Chhattisgarh)

- ✓ 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.







Impact & Action Suggested due to Isolated heavy rainfall over Arunachal Pradesh and Assam & Meghalaya on 02nd and over Nagaland, Manipur, Mizoram & Tripura on 02nd & 03rd; with isolated very heavy rainfall over Arunachal Pradesh and south Assam, Meghalaya, Mizoram & Tripura on 02nd May, 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.

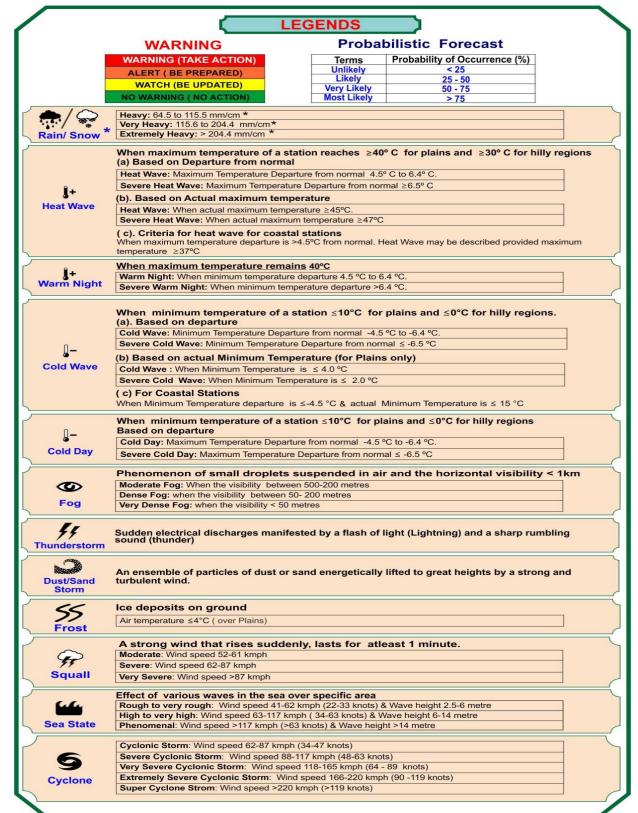
Agromet advisories for Heavy Rainfall, Hailstorm, Gusty Winds and Heat Wave likely over various parts of the country:

- ➤ Use hail nets or hail caps in fruit orchards to prevent mechanical damage and provide mechanical support to horticultural crops & staking to vegetables in Sikkim.
- In Arunachal Pradesh, postpone sowing of maize, *jhum* upland rice and vegetables.
- ➤ Make necessary arrangements for draining out excess water from crop fields to avoid water stagnation and also provide mechanical support to horticultural crops & staking to vegetables to prevent damage from gusty winds in North-Eastern States.
- ➤ Apply light and frequent irrigation to standing crops to avoid heat stress; provide mulching to conserve soil moisture and minimise evaporation in West Bengal, Odisha, Bihar, Jharkhand, Gujarat, North Konkan, Madhya Maharashtra, Tamil Nadu, Kerala, Interior Karnataka, Andhra Pradesh and Telangana.

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