



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Thursday, May 09, 2024 Time of Issue: 2000 hours IST (NIGHT)

All India Impact Based Weather Warning Bulletin

09 May (Day 1):

- ❖ Thunderstorm accompanied with lightning, squally winds (speed reaching 50-60 kmph) & hailstorm very likely at isolated places over East Madhya Pradesh and Vidarbha; with lightning, gusty winds (speed reaching 40-50 kmph) & hailstorm at isolated places over Uttarakhand, West Madhya Pradesh, Madhya Maharashtra and Marathwada; with lightning & squally winds (speed reaching 50-60 kmph) at isolated places over Sub-Himalayan West Bengal & Sikkim and Bihar; with lightning, gusty winds (speed reaching 40-50 kmph) at isolated places over Jharkhand, Chhattisgarh, Gangetic West Bengal, Odisha, Kerala & Mahe, Coastal Andhra Pradesh & Yanam and Interior Karnataka; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Tamil Nadu, Puducherry & Karaikal and Rayalaseema; with lightning at isolated places over Himachal Pradesh, East Rajasthan, Arunachal Pradesh, , Lakshadweep and Coastal Karnataka.
- **Dust Storm/Thunderstorm with gusty winds (speed 30-40 kmph)** very likely in isolated pockets over East Uttar Pradesh.
- **Heavy rainfall** very likely at isolated places over Sub-Himalayan West Bengal & Sikkim, Gangetic West Bengal, Bihar, Odisha, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and South Interior Karnataka.
- **\Delta** Hot and humid weather very likely to prevail over coastal areas of Gujarat.
- **Heat wave conditions** very likely to prevail in isolated pockets over West Rajasthan and Kerala & Mahe.

10 May (Day 2):

- * Thunderstorm accompanied with lightning, gusty winds (speed reaching 40-50 kmph) & hailstorm very likely at isolated places over Uttarakhand, Madhya Pradesh and Vidarbha; with lightning & squally winds (speed reaching 50-60 kmph) at isolated places Gangetic West Bengal and Jharkhand; with lightning, gusty winds (speed reaching 40-50 kmph) at isolated places over Chhattisgarh, Odisha, North Interior Karnataka; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Himachal Pradesh, Punjab, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana, South Interior Karnataka; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, northwest Uttar Pradesh, Arunachal Pradesh and Marathwada.
- ❖ Dust Storm/Thunderstorm with gusty winds (speed 40-50 kmph) very likely in isolated pockets over Rajasthan; with gusty winds (speed 30-40 kmph) in isolated pockets over in isolated pockets over Haryana-Chandigarh-Delhi and East Uttar Pradesh.
- ❖ Heavy rainfall very likely at isolated places over Gangetic West Bengal, Odisha, Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Hot and humid weather** very likely to prevail over coastal areas of Gujarat.
- **Heat wave conditions** very likely to prevail in isolated pockets over West Rajasthan.





11 May (Day 3):

- ❖ Thunderstorm accompanied with lightning, squally winds (speed reaching 50-60 kmph) & hailstorm very likely at isolated places over Uttarakhand; with lightning, squally winds (speed reaching 50-60 kmph) at isolated places over Gangetic West Bengal; with lightning & gusty winds (speed reaching 40-50 kmph) at isolated places over Uttar Pradesh, , Chhattisgarh, Odisha, North Interior Karnataka, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Himachal Pradesh, Punjab, East Rajasthan, Madhya Pradesh, Vidarbha, Sub-Himalayan West Bengal & Sikkim, Bihar, Jharkhand, Madhya Maharashtra, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana and South Interior Karnataka; with lightning at isolated places Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad Arunachal Pradesh and Marathwada.
- ❖ Dust Storm/Thunderstorm with gusty winds (speed 40-50 kmph) very likely in isolated pockets over Uttar Pradesh and West Rajasthan; with gusty winds (speed 30-40 kmph) in isolated pockets over in isolated pockets over Haryana-Chandigarh-Delhi.
- **\(\text{Heavy rainfall} \)** very likely at isolated places over Odisha.
- *** Hot and humid weather** very likely to prevail over coastal areas of Gujarat.

12 May (Day 4):

- ❖ Thunderstorm accompanied with lightning, squally winds (speed reaching 50-60 kmph) & hailstorm likely at isolated places over Uttarakhand; with lightning & gusty winds (speed reaching 40-50 kmph) at isolated places over Himachal Pradesh, East Rajasthan, Chhattisgarh, Odisha, Madhya Maharashtra, Kerala & Mahe, North Interior Karnataka and Rayalaseema; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Punjab, East Madhya Pradesh, Vidarbha, Andaman & Nicobar Islands, Gangetic West Bengal, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Tamil Nadu, Puducherry & Karaikal, Coastal Andhra Pradesh & Yanam, Telangana and South Interior Karnataka; with lightning at isolated places Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Sub-Himalayan West Bengal & Sikkim, Bihar, Jharkhand, Arunachal Pradesh and Marathwada.
- ❖ Dust Storm/Thunderstorm with gusty winds (speed 40-50 kmph) likely in isolated pockets over Uttar Pradesh; with gusty winds (speed 30-40 kmph) in isolated pockets over in isolated pockets over Haryana-Chandigarh-Delhi and West Rajasthan.
- ❖ Heavy rainfall likely at isolated places over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and South Interior Karnataka.
- *** Hot and humid weather** likely to prevail over coastal areas of Gujarat.

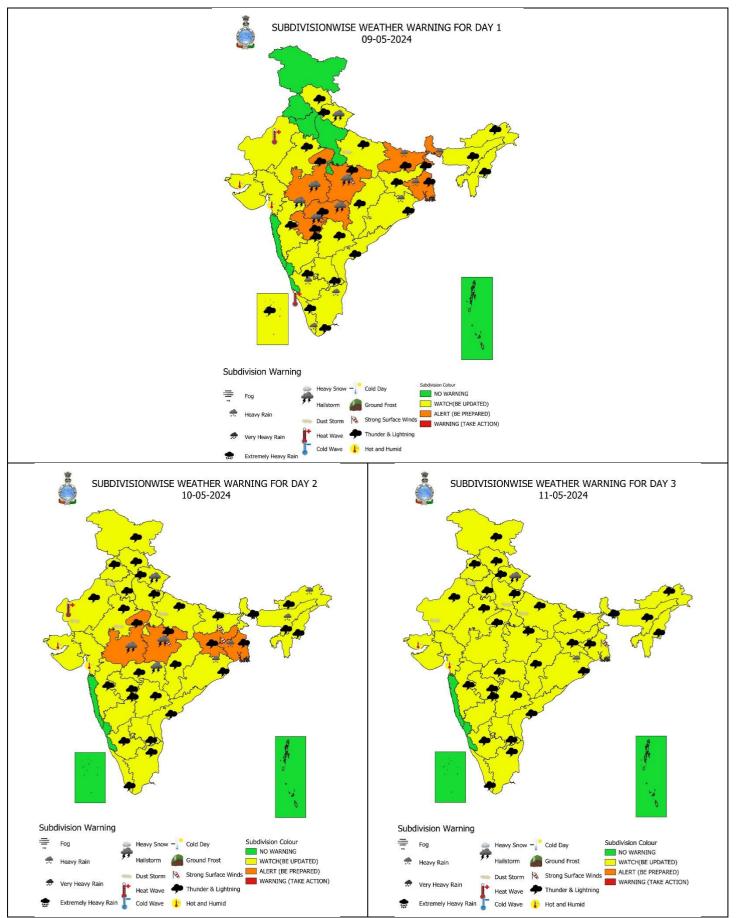
13 May (Day 5):

- Thunderstorm accompanied with lightning, squally winds (speed reaching 50-60 kmph gusting to 70 kmph) & hailstorm likely at isolated places over Uttarakhand; with lightning & gusty winds (speed reaching 40-50 kmph) at isolated places over Chhattisgarh, Madhya Maharashtra, Kerala & Mahe, Rayalaseema, Telangana and North Interior Karnataka; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Himachal Pradesh, Vidarbha, Andaman & Nicobar Islands, Tamil Nadu, Puducherry & Karaikal, Lakshadweep, Coastal Andhra Pradesh & Yanam and South Interior Karnataka; with lightning at isolated places Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Gangetic West Bengal, Odisha, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Marathwada.
- ❖ Dust Storm/Thunderstorm with gusty winds (speed 30-40 kmph) likely in isolated pockets over Haryana-Chandigarh-Delhi and East Uttar Pradesh; Dust Storm/Thunderstorm in isolated pockets over West Uttar Pradesh.
- ❖ Heavy rainfall likely at isolated places over Kerala & Mahe, Rayalaseema, Telangana, North & South Interior Karnataka.



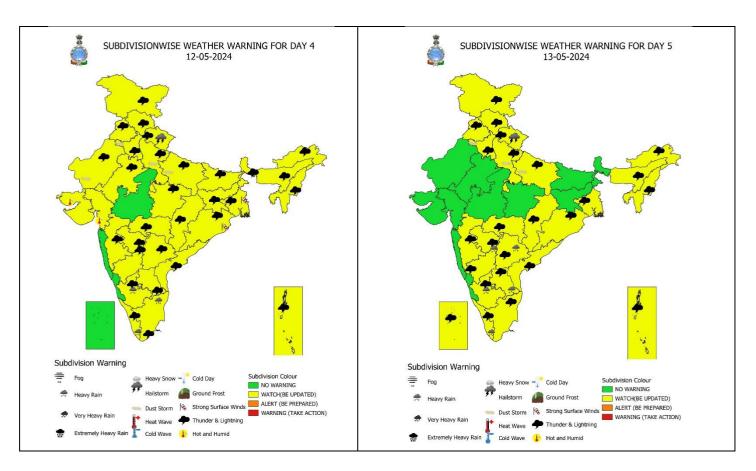


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Impact expected and action suggested due to Heat Wave Conditions:

Yellow alert Areas

- ✓ 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 expected and action suggested due to thunderstorm accompanied with lightning/squally winds & Hailstorm over Uttarakhand during next 5 days; central, east and south peninsular India till 12th May, 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.



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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 Sub-Himalayan West Bengal & Sikkim and Bihar on 09th; Gangetic West Bengal during 09th-10th; Odisha during 09th-11th; Tamil Nadu, Puducherry & Karaikal on 09th & 12th; Kerala & Mahe and South Interior Karnataka on 9th, 12th and 13th; Arunachal Pradesh and Assam & Meghalaya on 10th and Rayalaseema, Telangana and North Interior Karnataka on 13th 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.

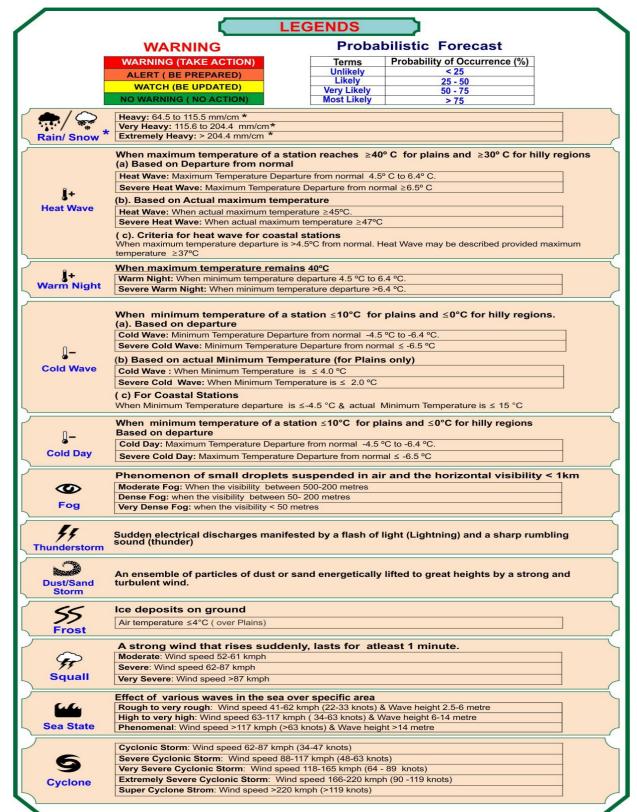
Agromet advisories for Heavy Rainfall, Gusty winds, Hailstorms and Heat Wave likely over various parts of the country

(Based on the IBF and advisories issued by different AMFUs)

- > Drain out excess water from crop fields to avoid water stagnation in West Bengal & Sikkim, Odisha, Bihar, Arunachal Pradesh, Assam, Tamil Nadu, Kerala and South Interior Karnataka.
- ➤ Use hail nets or hail caps in fruit orchards to prevent mechanical damage and provide mechanical support to horticultural crops & staking to vegetables in Uttarakhand, Madhya Pradesh and Madhya Maharashtra, Marathwada & Vidarbha region of Maharashtra.
- ➤ Apply need-based irrigation to standing crops to avoid heat stress; provide mulching to conserve soil moisture and minimise evaporation.
- ➤ Provide mechanical support to horticultural crops & staking to vegetables to prevent damage from gusty winds.



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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.