



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Friday, May 17, 2024 Time of Issue: 0800 hours IST (MORNING)

All India Impact Based Weather Warning Bulletin

17 May (Day 1):

- ❖ Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) very likely at isolated places over East Madhya Pradesh, Assam & Meghalaya, Coastal Andhra Pradesh & Yanam, Rayalaseema, Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Vidarbha, Chhattisgarh, Odisha, Nagaland, Manipur, Mizoram & Tripura and Telangana; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, West Madhya Pradesh, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Konkan & Goa, Madhya Maharashtra, Marathwada and Coastal Karnataka.
- ❖ Heavy to very Heavy rainfall very likely at isolated places over Tamil Nadu, Puducherry & Karaikal; Heavy rainfall at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, South Interior Karnataka and Kerala & Mahe.
- ❖ Heat Wave to severe heat wave Conditions very likely to prevail in some parts of West Rajasthan, Heat Wave conditions very likely in some parts of Punjab, Haryana; in isolated pockets Uttar Pradesh, East Rajasthan, Bihar and Gujarat State.
- *** Hot and humid weather** very likely to prevail over West Bengal.
- ❖ Squally weather with wind speed 40 kmph to 45 kmph gusting to 55 kmph very likely to prevail Comorin area, Gulf of Mannar, along and off south Tamil Nadu coast, along and off Sri Lanka coast and adjoining southwest Bay of Bengal. Fishermen are advised not to venture into these areas.

18 May (Day 2):

- Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) very likely at isolated places over Coastal Andhra Pradesh & Yanam, Rayalaseema, Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Telangana and Chhattisgarh; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Marathwada, Konkan & Goa, Sub-Himalayan West Bengal & Sikkim, Odisha, Arunachal Pradesh, Coastal Karnataka and Lakshadweep.
- Heavy to very heavy rainfall very likely at isolated places over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and South Interior Karnataka and Heavy rainfall at isolated places over Arunachal Pradesh, Assam & Meghalaya and Coastal Karnataka.
- ❖ Heat Wave to severe heat wave Conditions very likely to prevail in many parts of Punjab and Haryana; in some parts of West Rajasthan and heat wave conditions in some parts of Uttar Pradesh; in isolated pockets over Delhi, West Bengal, Bihar, Jharkhand, Gujarat State and north Madhya Pradesh.
- ❖ Squally weather with wind speed 40 kmph to 45 kmph gusting to 55 kmph Likely to Prevailing Over Maldives Area and Adjoining Lakshadweep Area, along and off south Kerala Coast, Comorin Area, Gulf of Mannar. Fishermen are advised not to venture into these areas.



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19 May (Day 3):

- ❖ Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) likely at isolated places over Sub-Himalayan West Bengal & Sikkim, Bihar, Tamil Nadu, Puducherry & Karaikal and Interior Karnataka; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Jharkhand, Assam & Meghalaya, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana, Chhattisgarh and Kerala & Mahe; with lightning at isolated places over Marathwada, Gangetic West Bengal, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Coastal Karnataka and Lakshadweep.
- ❖ Heavy to very heavy rainfall likely at isolated places over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and South Interior Karnataka and Heavy rainfall at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Lakshadweep and Sikkim.
- ❖ Heat Wave to severe heat wave Conditions likely to prevail in many parts over Punjab and Haryana; in some parts over West Rajasthan; and heat wave conditions in some parts of Uttar Pradesh; in isolated pockets over Delhi, East Rajasthan, Gangetic West Bengal, Bihar, Jharkhand, Odisha and north Madhya Pradesh.
- ❖ Squally weather with wind speed 40 kmph to 45 kmph gusting to 55 kmph Likely to Prevailing Over Maldives Area and Adjoining Lakshadweep Area, along and off south Kerala Coast, Comorin Area, Gulf of Mannar, Fishermen are advised not to venture into these areas.

20 May (Day 4):

- ❖ Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) likely at isolated places over Sub-Himalayan West Bengal & Sikkim, Bihar and Tamil Nadu, Puducherry & Karaikal; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Chhattisgarh, Gangetic West Bengal, Jharkhand, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana; with lightning at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Lakshadweep and Interior Karnataka.
- Heavy to very Heavy rainfall with extremely heavy falls likely at isolated places over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe; Heavy to very heavy rainfall at isolated places over South Interior Karnataka and Heavy rainfall at isolated places over Sikkim, Assam & Meghalaya, Lakshadweep and Nicobar Islands
- ❖ Heat Wave to severe heat wave Conditions likely to prevail in many parts over Punjab and Haryana; in some parts over West Rajasthan; and heat wave conditions in some parts of Uttar Pradesh; in isolated pockets over Delhi, East Rajasthan, Gangetic West Bengal, Bihar, Jharkhand, Odisha and north Madhya Pradesh.
- ❖ Squally weather with wind speed 40 kmph to 45 kmph gusting to 55 kmph Likely to Prevailing Over Maldives Area and Adjoining Lakshadweep Area, along and off south Kerala Coast, Comorin Area, Gulf of Mannar. Fishermen are advised not to venture into these areas.

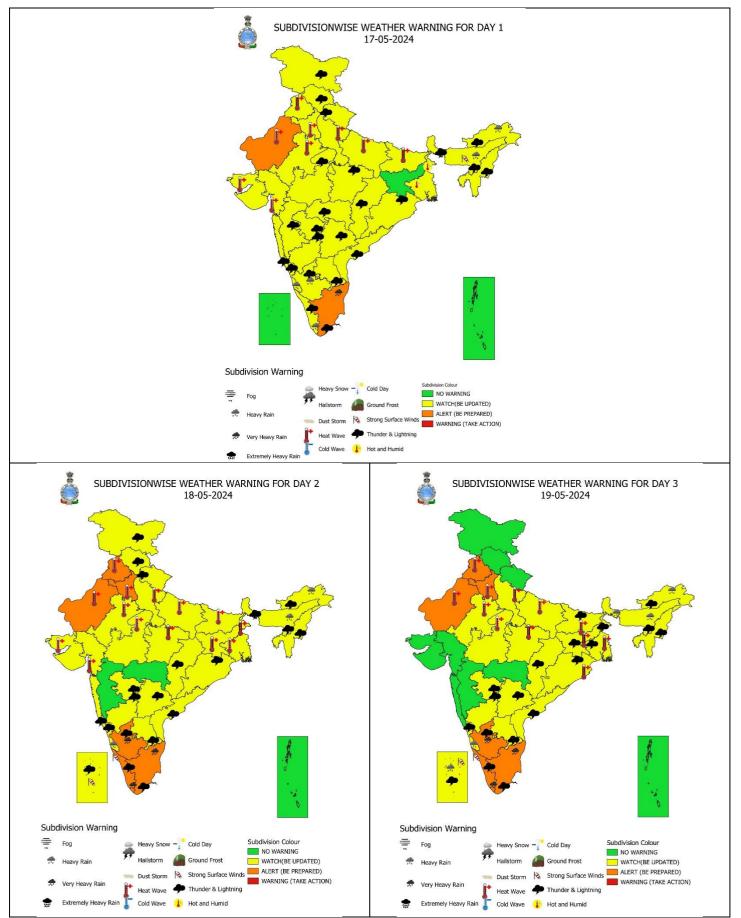
21 May (Day 5):

- ❖ Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) likely at isolated places over Sub-Himalayan West Bengal & Sikkim, Bihar and Tamil Nadu, Puducherry & Karaikal; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Chhattisgarh, Gangetic West Bengal, Jharkhand, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana; with lightning at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Lakshadweep and Interior Karnataka.
- ❖ Heavy to very Heavy rainfall likely at isolated places over South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe and Heavy rainfall at isolated places over Sikkim, Assam & Meghalaya, Lakshadweep and Nicobar Islands.
- ❖ Heat Wave to severe heat wave Conditions likely to prevail in many parts over Punjab and Haryana; in some parts over West Rajasthan; and heat wave conditions in some parts of Uttar Pradesh; in isolated pockets over Delhi, East Rajasthan, Gangetic West Bengal, Bihar, Jharkhand, Odisha and north Madhya Pradesh.
- ❖ Squally weather with wind speed 40 kmph to 45 kmph gusting to 55 kmph Likely to Prevailing Over Maldives Area and Adjoining Lakshadweep Area, along and off south Kerala Coast, Comorin Area, Gulf of Mannar. Fishermen are advised not to venture into these areas.



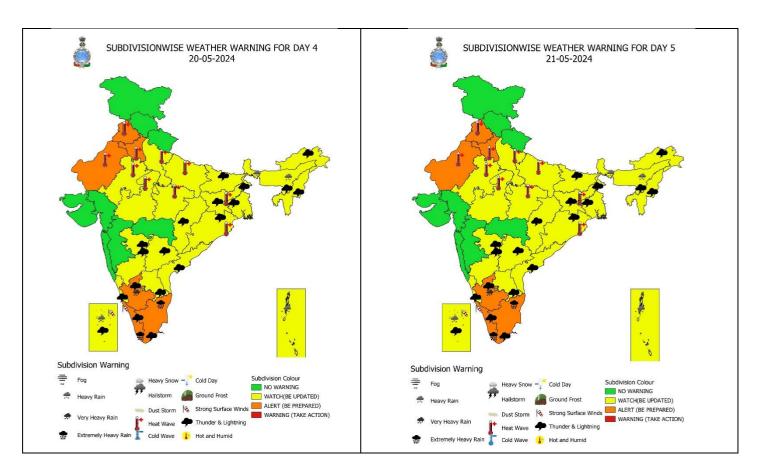


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IMPACT & ACTION SUGGESTED due to very heavy rainfall/extremely falls over Tamil Nadu, Puducherry & Karaikal during 17th-21st; Kerala & South Interior Karnataka during 18th-21st May 2024.

A. Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

B. Action Suggested

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.



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IMPACT & ACTION SUGGESTED due to Heat Wave Conditions:

Orange alert Areas (Punjab, Haryana, West Rajasthan)

- ✓ 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 (East Rajasthan, Uttar Pradesh, Madhya Pradesh, Bihar, Konkan, Gujarat State, Jharkhand, Gangetic West Bengal, Odisha)

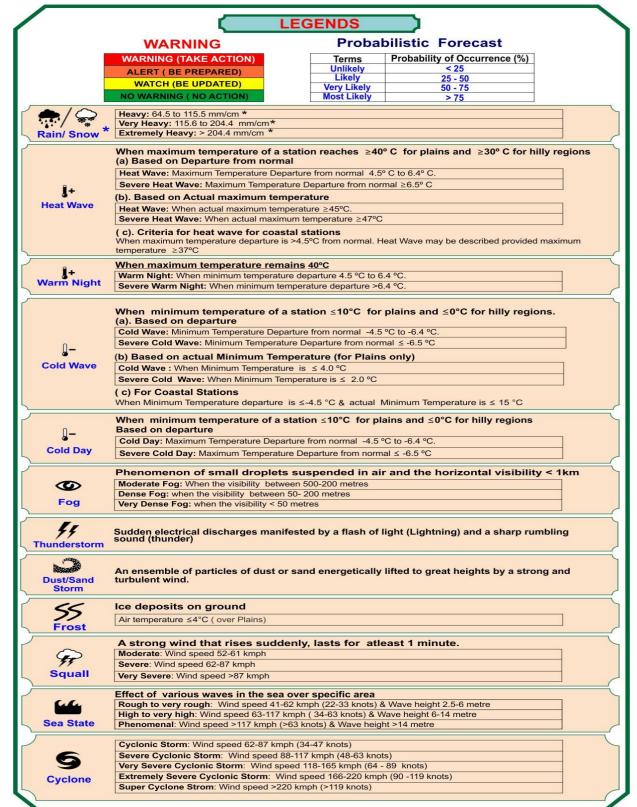
- ✓ Moderate temperature & heat is tolerable for general public but moderate health concern likely for vulnerable people e.g. infants, elderly, people with chronic diseases.
- ✓ Avoid heat exposure.
- ✓ Wear lightweight, light colour, loose, cotton clothes.
- ✓ Cover your head, use a cloth, hat or umbrella.

Agromet advisories for Heavy Rainfall, Hailstorm & Gusty winds likely over various parts of the country:

- > Make provision for draining out excess water from crop fields to avoid water stagnation in Tamil Nadu, Kerala, South Interior Karnataka, Coastal Karnataka, Arunachal Pradesh, Assam & Meghalaya, Odisha, Andhra Pradesh and Telangana.
- ➤ Apply light and frequent irrigation to standing crops to avoid heat stress; provide mulching to conserve soil moisture and minimise evaporation in Punjab, Haryana, Uttar Pradesh, Rajasthan, Jharkhand, Bihar, Gujarat and Konkan.
- ➤ Provide mechanical support to horticultural crops & Department of the Provide mechanical support to horticultural crops & Department of the Provide mechanical support to horticultural crops & Department of the Provide mechanical support to horticultural crops & Department of the Provide mechanical support to horticultural crops & Department of the Provide mechanical support to horticultural crops & Department of the Provide mechanical support to horticultural crops & Department of the Provide mechanical support to horticultural crops & Department of the Provide mechanical support to horticultural crops & Department of the Provide mechanical support to horticultural crops & Department of the Provide mechanical support to horticultural crops & Department of the Provide mechanical support to horticultural crops & Department of the Provide mechanical support to horticultural crops & Department of the Provide mechanical support of the Provide mec



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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.