



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

Saturday, May 18, 2024 Time of Issue: 1310 hours IST (MID-DAY)

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

## 18 May (Day 1):

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

## 19 May (Day 2):

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





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#### 20 May (Day 3):

- Heavy to very Heavy rainfall with extremely heavy falls very likely at isolated places over Tamil Nadu, Kerala & Mahe; Heavy to very heavy rainfall at isolated places over South Interior Karnataka and Meghalaya and Heavy rainfall at isolated places over Andaman & Nicobar Islands, Sub-Himalayan West Bengal & Sikkim, Assam Lakshadweep, Coastal Karnataka.
- Heat Wave to severe heat wave Conditions very likely to prevail in many parts over Punjab, Haryana-Chandigarh-Delhi, West Rajasthan and heat wave conditions in some parts of West Uttar Pradesh, East Rajasthan; in isolated pockets over Uttarakhand, East Uttar Pradesh, Madhya Pradesh, Bihar, Jharkhand, Gangetic West Bengal, Odisha and Gujarat state.
- ❖ Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) very likely at isolated places over West Bengal & Sikkim, Bihar, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Uttarakhand, Vidarbha, Chhattisgarh, Jharkhand, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka; with lightning at isolated places over Odisha, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Goa and Lakshadweep.
- **\Display Hot and humid weather** very likely to prevail over Konkan & Goa.
- ❖ Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph very likely to prevail over along and off Kerala and adjoining Karnataka coasts, Lakshadweep, Maldives areas, Comorin area, Gulf of Mannar, along and off Sri Lanka coast; with wind speed 40 kmph to 45 kmph gusting to 55 kmph prevailing over Andaman Sea. Fishermen are advised not to venture into these areas.

## 21 May (Day 4):

- ❖ Heavy to very Heavy rainfall with extremely heavy falls likely at isolated places over Tamil Nadu, Kerala & Mahe; and Heavy rainfall at isolated places over Andaman & Nicobar Islands, South Interior & Coastal Karnataka and Lakshadweep.
- ❖ Heat Wave to severe heat wave Conditions likely to prevail in most parts of West Rajasthan; in many parts over Punjab and Haryana-Chandigarh-Delhi; in some parts over East Rajasthan and heat wave conditions in some parts of West Uttar Pradesh; in isolated pockets over Uttarakhand, East Uttar Pradesh, Madhya Pradesh, Odisha and Guiarat state.
- ❖ Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) likely at isolated places over West Bengal, Bihar, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Uttarakhand, Vidarbha, Sub-Himalayan West Bengal & Sikkim, Odisha, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka; with lightning at isolated places over East Uttar Pradesh, Marathwada and Lakshadweep.
- ❖ Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail over along and off Kerala, Karnataka coasts, Lakshadweep, Maldives areas, Comorin area, Gulf of Mannar, along and off Sri Lanka coast, Tamil Nadu coast and adjoining Southwest Bay of Bengal; along and off Somalia coast with wind speed 40 kmph to 45 kmph gusting to 55 kmph prevailing over Andaman Sea. Fishermen are advised not to venture into these areas.

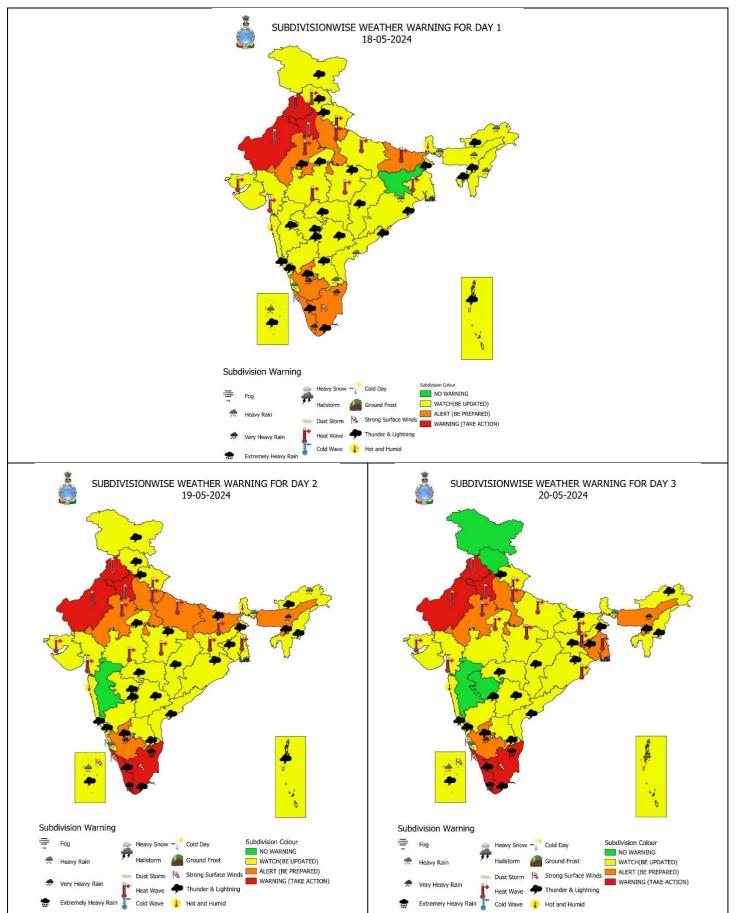
## 22 May (Day 5):

- ❖ Heavy to very heavy rainfall likely at isolated places over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and Heavy rainfall at isolated places over Andaman & Nicobar Islands, Coastal Karnataka and South Interior Karnataka
- ❖ Heat Wave to severe heat wave Conditions likely to prevail in most parts of West Rajasthan; in many parts over Punjab and Haryana-Chandigarh-Delhi; in some parts over East Rajasthan and heat wave conditions in isolated pockets over Uttarakhand, West Uttar Pradesh, Madhya Pradesh, Odisha and Gujarat state.
- ❖ Thunderstorm accompanied with lightning & gusty winds (speed reaching 40-50 kmph) likely at isolated places over Bihar, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Uttarakhand, Vidarbha, Chhattisgarh, Sub-Himalayan West Bengal & Sikkim, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka; with lightning at isolated places over East Uttar Pradesh, Konkan & Goa and Lakshadweep.
- ❖ Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail over along and off Kerala, Karnataka coasts, Lakshadweep, Maldives areas, Comorin area, Gulf of Mannar, along and off Sri Lanka coast, Tamil Nadu coast, Southwest Bay of Bengal and adjoining Southeast Bay of Bengal, along and off Somalia coast; with wind speed 40 kmph to 45 kmph gusting to 55 kmph prevailing over along over Andaman Sea. Fishermen are advised not to venture into these areas.

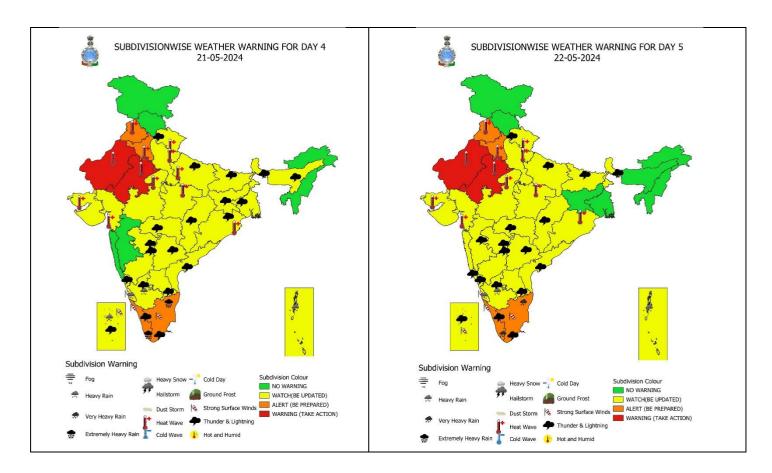




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IMPACT & ACTION SUGGESTED due to very heavy rainfall/extremely falls over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe during 18<sup>th</sup>-22<sup>nd</sup>; South Interior Karnataka during 18<sup>th</sup>-20<sup>th</sup>; Meghalaya on 19<sup>th</sup> & 20<sup>th</sup> 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.
- $\cdot$  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:**

#### **Red alert Areas:**

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

## **Orange alert Areas:**

- ✓ 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:

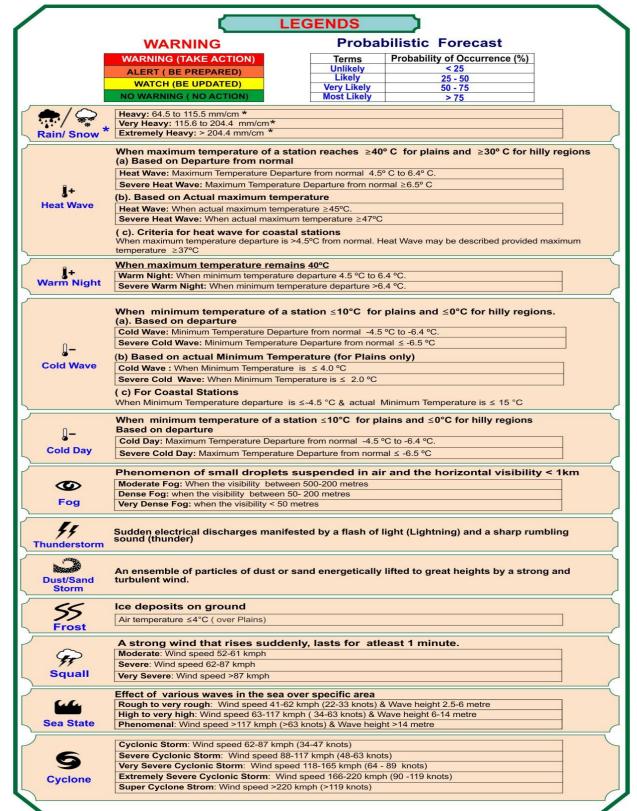
- ✓ Moderate temperature & heat is tolerable for general public but moderate health concern likely for vulnerable people e.g. infants, elderly, people with chronic diseases.
- ✓ Avoid heat exposure.
- ✓ Wear lightweight, light colour, loose, cotton clothes.
- ✓ Cover your head, use a cloth, hat or umbrella.

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

- ➤ Make provision for draining out excess water from crop fields to avoid water stagnation in Arunachal Pradesh, Assam & Meghalaya, Tripura, Sub Himalayan West Bengal & Sikkim, South Odisha, Andaman & Micobar Islands, Tamil Nadu, Kerala, Lakshadweep, Coastal Karnataka, South Interior Karnataka and Andhra Pradesh.
- Apply light and frequent irrigation to standing crops to avoid heat stress; provide mulching to conserve soil moisture and minimise evaporation in Himachal Pradesh, Uttarakhand, Punjab, Haryana, Uttar Pradesh, Rajasthan, Gangetic West Bengal, Jharkhand, Bihar, Gujarat and North Madhya Pradesh.
- ➤ 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.