

Government of India
Earth System Science Organization
Ministry of Earth Sciences
India Meteorological Department

Press Release: Dated: 30 April 2026

Subject: Current Weather Status and Extended Range Forecast for the next two weeks (30 April to 13 May 2026)

1. Salient Observed Features for the week ending 29 April 2026:

- ❖ **Last week's heat wave conditions continued to prevail over North India during the week with Severe Heat Wave** conditions in isolated pockets of Himachal Pradesh on 25th & 26th April, East Uttar Pradesh on 26th April and **Heat Wave** conditions in isolated pockets of Gangetic West Bengal on 23rd & 24th April, Bihar on 23rd & 26th April, Haryana, Chandigarh & Delhi on 24th & 25th April, West Uttar Pradesh during 25th – 28th April, East Uttar Pradesh on 25th & 27th – 29th April, Punjab on 25th & 26th April, Rajasthan during 25th – 28th April, Jammu-Kashmir on 25th April, Haryana on 26th April, East Madhya Pradesh during 26th – 28th April, Vidarbha during 26th – 29th April, Himachal Pradesh on 27th & 28th April, Telangana on 28th April, Odisha on 29th April.
- ❖ **Increase in rainfall activity with large-scale thunderstorms over east & northeast India during second half of the week in association with upper air cyclonic circulations and trough in westerlies in lower to middle tropospheric levels over the region. Extremely heavy rainfall** was recorded at isolated places over Sub-Himalayan West Bengal & Sikkim on 29th April and **Heavy to Very Heavy Rainfall** recorded at isolated places over Nagaland, Manipur, Mizoram & Tripura during 27th – 29th April. **Heavy rainfall** recorded at isolated places over Sub-Himalayan West Bengal & Sikkim on 25th & 26th April, Assam & Meghalaya on 25th & 27th – 29th April, Bihar on 26th April.
- ❖ **Hailstorm** recorded at isolated places over Assam & Meghalaya, Madhya Maharashtra on 23rd April, Uttarakhand on 25th, 26th & 29th April, North Interior Karnataka on 25th & 29th April; Jammu-Kashmir, Sub-Himalayan West Bengal & Sikkim on 26th April, South Interior Karnataka on 28th & 29th April, Gangetic West Bengal, East Madhya Pradesh on 28th April, Odisha, Telangana on 29th April.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds** prevailed at isolated places over Arunachal Pradesh on 23rd, 24th, 26th, 28th & 29th April, Assam & Meghalaya, West Madhya Pradesh, East Madhya Pradesh, Konkan & Goa, Madhya Maharashtra during 23rd – 29th April, Nagaland, Manipur, Mizoram &

Tripura on 23rd, 24th & 26th – 29th April, Tamil Nadu, Puducherry & Karaikal on 23rd, 24th, 26th, 28th & 29th April, West Uttar Pradesh 23rd, 24th & 27th – 29th April, East Uttar Pradesh on 23rd, 24th, 27th & 28th April, Bihar on 23rd, 24th, 26th & 27th April, Jammu-Kashmir during 23rd – 26th, 28th & 29th April, Chhattisgarh, Odisha on 23rd, 24th & 27th – 29th April, Jharkhand on 23rd, 24th & 26th – 28th April, Marathwada on 23rd & 28th April, North Interior Karnataka on 24th April, Punjab, Haryana on 24th, 25th, 28th & 29th April, Vidarbha on 24th & 27th – 29th April, Gujarat Region on 24th, 25th & 27th – 29th April, Saurashtra & Kutch during 24th – 29th April, Sub-Himalayan West Bengal & Sikkim during 25th – 27th & 29th April, Uttarakhand on 25th, 27th & 28th April, Himachal Pradesh on 26th April, Gangetic West Bengal on 28th & 29th April, Chandigarh on 28th April.

- ❖ **Weekly Average Maximum temperature** was above normal by 3-5°C over many parts of north, northwest and adjoining central and northeast India during first half of the week, below normal by 2-4°C over parts of east and northeast India during second half of the week. It was nearly normal over remaining parts of the country during the week. **Weekly Average Minimum temperature** was above normal by 1-3°C over parts of north, northwest & adjoining central, and east India, and nearly normal over remaining parts of the country during the week.
- ❖ **Temperature Scenario:** The lowest minimum temperature of **18.0°C** had been recorded at **Gurdaspur (PUNJAB)** on **23rd April, 2026** and the highest maximum temperature of **47.6°C** had been recorded at **Banda (EAST UTTAR PRADESH)** on **27th April, 2026** over the plains of the country during the week.
- ❖ **Analysis of weekly overall rainfall distribution during the week ending on 29 April and the Pre-Monsoon Season's Rainfall Scenario (01.03.2026 to 29.04.2026):** The country as a whole, the weekly cumulative All India Rainfall (ending on 29 April) in % departure from its long period average (LPA) is -45%. All India Seasonal cumulative rainfall % departure during this year's Pre-Monsoon Season Rainfall (01.03.2026 to 29.04.2026) is 04%. Details of the rainfall distribution over the four broad geographical regions of India are provided in Table 1. Meteorological sub-division-wise rainfall for the week and season is presented in **Annexure I & II**, respectively.

Table 1: Rainfall status (Week and season)

Region	Week			Season		
	23.04.2026 TO 29.04.2026			01.03.2026 TO 29.04.2026		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
EAST & NORTHEAST INDIA	26.6	33.9	-22%	196.2	177.7	10%
NORTHWEST INDIA	1.7	7.0	-75%	68.0	78.8	-14%
CENTRAL INDIA	0.7	2.3	-69%	18.2	16.6	10%
SOUTH PENINSULA	3.0	10.0	-70%	34.7	48.2	-28%
THE COUNTRY AS A WHOLE	5.6	10.3	-46%	65.1	67.6	-4%

2. Large-scale features:

- ❖ At present, Weak La Niña-like conditions are transitioning to ENSO-neutral conditions over the equatorial Pacific. Atmospheric circulation features across the tropical Pacific remain consistent with weak La Niña-like conditions. The Monsoon Mission Climate Forecast System (MMCFS) suggests the development of El Niño conditions during the southwest monsoon season.
- ❖ At present, neutral Indian Ocean Dipole (IOD) conditions are present over the Indian Ocean and the latest Climate models forecast indicates that the positive IOD conditions are likely to develop towards the end of the southwest monsoon season.
- ❖ Madden Julian Oscillation (MJO) index is currently in the transition from phase 2 to 3, with amplitude decreasing below 1. According to the consensus amongst various models, the amplitude of the MJO signal is likely to decrease sharply by less than 1 without further eastward propagation during the first week. It is likely to show a movement along the diagonal in the phase diagram towards phase 8 across phase 2 during week 1 and across phase 1 with amplitude gradually reaching near the centre of the phase diagram during week 2. Thus, MJO is likely to become favourable for the enhancement of convective activity over the Arabian Sea (AS) during both weeks and the Bay of Bengal (BoB) during week 1.

3. Forecast for the next two weeks

Weather systems & associated Precipitation during Week 1 (30 April to 06 May 2026) and Week 2 (07 to 13 May 2026)

Weather systems & associated Precipitation during Week 1 (30 April to 06 May 2026):

- ❖ The **Western Disturbance** as a cyclonic circulation lies over Kashmir & neighbourhood in lower & middle levels.
- ❖ An **induced upper air cyclonic circulation** lies over north Punjab & neighbourhood in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over Southeast Uttar Pradesh in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over northeast Bangladesh in lower tropospheric
- ❖ An **upper air cyclonic circulation** lies over Gangetic West Bengal & adjoining Bangladesh in lower tropospheric level.
- ❖ A **trough** in westerlies between lower and middle tropospheric levels runs roughly along Long. 90°E to the north of Lat. 22°N.
- ❖ A **fresh western disturbance** is likely to affect Western Himalayan Region from the 02nd May 2026.
- ❖ The **Anti-cyclonic circulation** over interior Maharashtra and adjoining Telangana in lower tropospheric level.

Under the influence of above systems, the following weather is likely:

Northwest India:

- ❖ **Scattered to fairly widespread** light to moderate rainfall/snowfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Jammu-Kashmir during 02nd -05th May; Himachal Pradesh during 30th April, 03rd & 04th May; over Uttarakhand during 30th April-06th May.
- ❖ **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph)** likely over Punjab during 03rd -06th, Haryana Chandigarh on 30th April, 01st & during 03rd -06th May; Uttar Pradesh on 30th April and during 04th -06th; West Rajasthan on 02nd & 03rd May; East Rajasthan during 02nd -06th May.
- ❖ Isolated **Hailstorm activity** likely over East Uttar Pradesh 30th April.

Northeast India:

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Northeast India during next 5 days.

- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura 30th April -06th May and Assam & Meghalaya during 30th April-04th May with isolated **very heavy rainfall** likely over Arunachal Pradesh on 30th April & 01st May and Assam & Meghalaya on 02nd & 03rd May; Nagaland, Manipur, Mizoram & Tripura during 30th April-02nd May.

East India:

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over West Bengal & Sikkim during next 7 days.
- ❖ **Isolated to scattered light** to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Bihar, Jharkhand and Odisha during next 7 days.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Sub-Himalayan West Bengal & Sikkim on 01st May, Gangetic West Bengal on 30th April, 03rd & 04th May, Bihar on 02nd, Jharkhand on 30th April, Odisha on 30th April & 01st May.
- ❖ **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 30th April- 03rd May; Gangetic West Bengal on 30th; Bihar on 02nd May with isolated **very heavy falls** over Sub-Himalayan West Bengal & Sikkim on 01st & 02nd May.
- ❖ Isolated **Hailstorm activity** likely over Odisha on 30th April & 01st May; Jharkhand on 30th April.

Central India:

- ❖ **Isolated light** to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 40-50 kmph)** likely over Madhya Pradesh and Chhattisgarh during next 5 days; Vidarbha during 02nd-04th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over East Madhya Pradesh on 30th April, Chhattisgarh on 30th April & 04th May.
- ❖ Isolated **Hailstorm activity** likely over Chhattisgarh on 30th April.

South Peninsular India:

- ❖ **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Tamil Nadu, Puducherry & Karaikal, Rayalaseema, Telangana and Kerala & Mahe during 30th April-04th May, Coastal Andhra Pradesh & Yanam on 03rd & 04th May, South Interior Karnataka during 30th April-03rd May; Lakshadweep and North Interior Karnataka on 30th April & 01st May with lightning Coastal Karnataka on 30th April & 01st May.

- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Coastal Andhra Pradesh & Yanam on 30th April.
- ❖ **Heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during 30th April-02nd May; South Interior Karnataka on 30th April & 01st May.
- ❖ Isolated **Hailstorm activity** likely over South Interior Karnataka on 30th April & 01st May.

Weather systems & associated Precipitation during Week 2 (07 to 13 May 2026):

- ❖ A western disturbance is likely to impact the western Himalayan region and adjoining plains during the week.
- ❖ Westerlies are likely to dominate in the lower and middle tropospheric levels over northern, central, and eastern India during the week.
- ❖ Southwesterly winds in the lower and middle tropospheric levels from the Bay of Bengal to Northeast India are likely to prevail during the week.
- ❖ A north-south trough/ wind discontinuity is likely to develop and persist over peninsular India during most days of the week.
- ❖ There is a low probability of the onset of the southwest monsoon over parts of southeast Arabian Sea and south Bay of Bengal & the Andaman & Nicobar Islands during week 2.

Under the influence of the above system:

- ❖ Light to moderate precipitation at scattered/ fairly widespread places is likely over the Western Himalayan Region (WHR) and isolated to scattered places over adjoining plains during some/many days of the week.
- ❖ Light/moderate scattered to fairly widespread precipitation with thunderstorm activity likely over the Bihar, Gangetic West Bengal, Sub-Himalayan West Bengal & Sikkim, and Northeast India during many days of the week.
- ❖ Isolated heavy to very heavy rainfall is likely over Bihar, West Bengal, Sikkim, Arunachal Pradesh, Assam & Meghalaya, and Tripura, on some/ many days of the week.
- ❖ Light/moderate precipitation at isolated to scattered places is likely over the south peninsular India during some days of the week.
- ❖ Overall, thunderstorm activity is likely to continue over the northwest, east & northeast, and south peninsular India during many days of the week.
- ❖ Overall, rainfall is likely to be normal to above normal over most parts of the country (Annexure III).

Temperature forecast for Week 1 (30 April to 06 May 2026) and Week 2 (07 to 13 May 2026)

Temperature forecast for Week 1 (30 April to 06 May 2026):

Temperature Conditions during past 24 hours till 0830 hours IST of today:

- ❖ **Maximum/day temperatures** markedly above normal ($> 5.1^{\circ}\text{C}$) at isolated places over West Uttar Pradesh, East Madhya Pradesh and Chhattisgarh. appreciably above normal (3.1°C to 5.0°C) at few places over Arunachal Pradesh and South Interior Karnataka; at isolated places over Gangetic West Bengal, Odisha, Jharkhand, East Uttar Pradesh, West Madhya Pradesh, Konkan & Goa, Telangana and Tamil Nadu, Puducherry & Karaikal. above normal (1.6°C to 3.0°C) at many places over Vidarbha; at few places over Saurashtra & Kutch, Coastal Karnataka and Kerala & Mahe; at isolated places over Andaman & Nicobar Islands, West Rajasthan, East Rajasthan, Gujarat Region, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam and Rayalaseema.
- ❖ **Minimum/night temperatures** were in the range of $13\text{--}19^{\circ}\text{C}$ over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Bihar, West Bengal, Assam & Meghalaya, Nagaland, Manipur, Mizoram and South Interior Karnataka. They were in the range of $20\text{--}26^{\circ}\text{C}$ over remaining parts of the plains of the country.
- ❖ **Minimum/night Temperature** were appreciably above normal (3.1°C to 5.0°C) over Madhya Pradesh, Saurashtra & Kutch; above normal (1.6 to 3.0°C) over Haryana Chandigarh & Delhi, West Uttar Pradesh, Rajasthan, Gujarat Region, Telangana, Coastal Andhra Pradesh & Yanam, Rayalaseema, Konkan & Goa, North Interior Karnataka, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe; below normal or near normal over rest parts of the country.

Forecast of maximum/day temperatures:

- ❖ Gradual rise in maximum temperatures by $2\text{--}3^{\circ}\text{C}$ likely over Northwest till 02nd May; gradual fall by $3\text{--}5^{\circ}\text{C}$ during 03st -06th May.
- ❖ Gradual fall in maximum temperatures by about 2°C likely over Central India till 01st May and no significant change during 02nd -06th May.
- ❖ No significant change in maximum temperatures likely over rest parts of the country.

Heat wave, Hot & Humid weather and Warm night conditions warning:

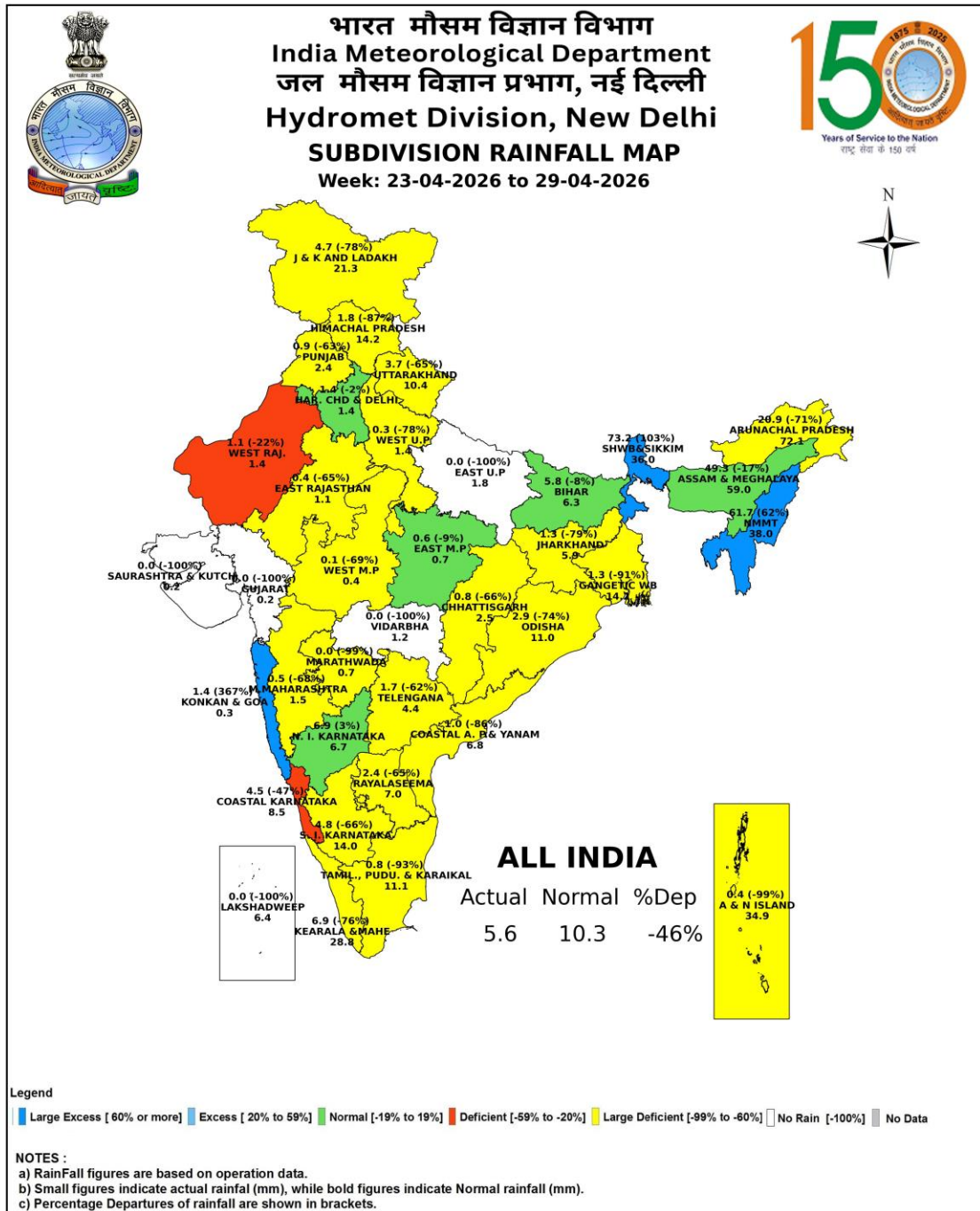
- ❖ **Heat wave conditions** very likely in some places of Vidarbha on 30th April & 01st May; West Rajasthan on 02nd & 03rd May.

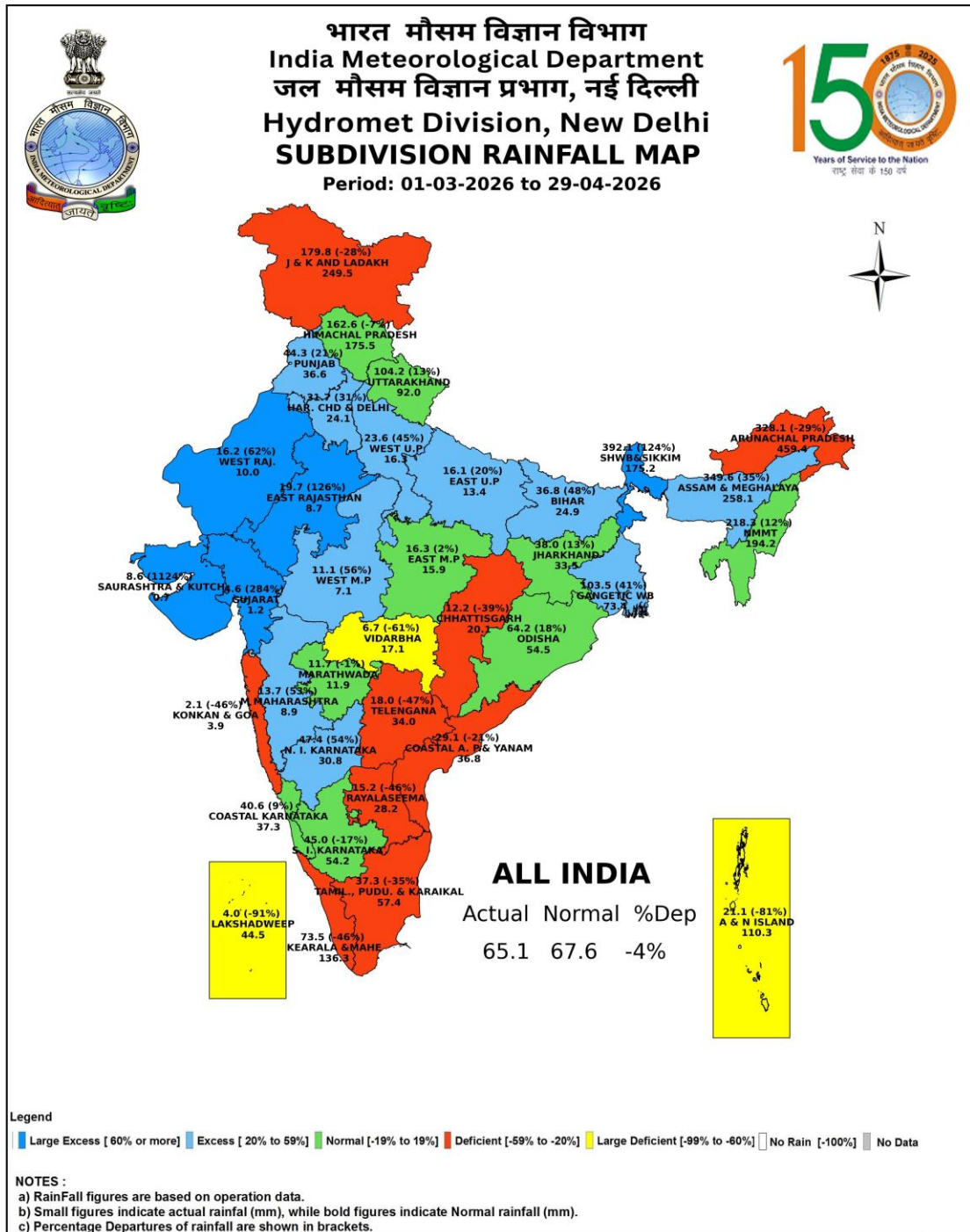
- ❖ **Hot & humid weather conditions** very likely to prevail in isolated pockets over Odisha on 30th April & 01st May; Tamil Nadu, Puducherry & Karaikal during 30th April–04th May, Coastal Andhra Pradesh & Yanam and Rayalaseema during 30th April -02nd May, Coastal Karnataka on 30th April.

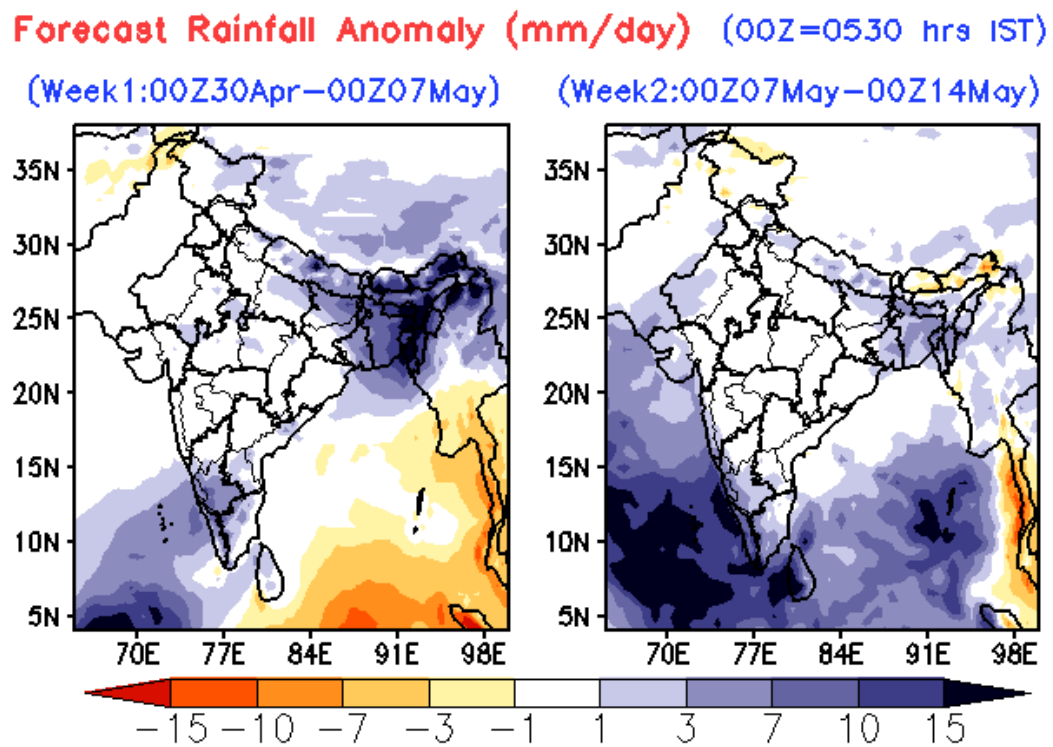
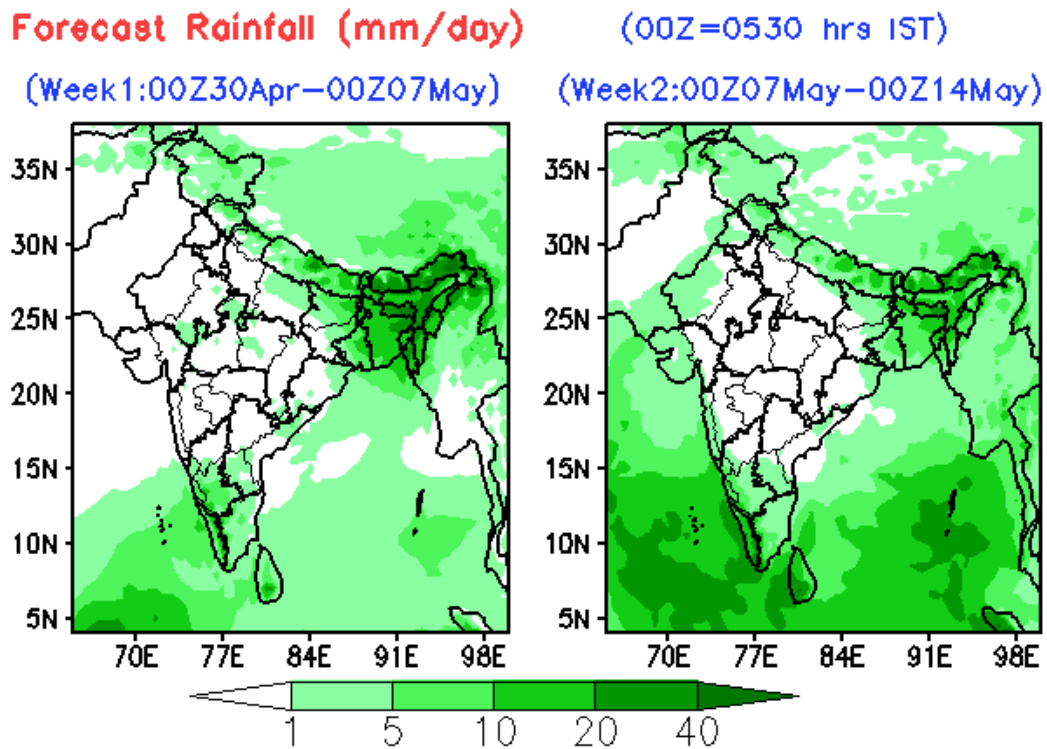
Temperature forecast for Week 2 (07 to 13 May 2026):

- ❖ **Low Probability of Heatwave conditions likely during some days of week 2 over Rajasthan & Vidarbha, and adjoining southern parts of Madhya Pradesh and Chhattisgarh.** Above-normal maximum temperatures (+1.6 to +3.0°C) are likely over many parts of Rajasthan and Gujarat, along the west coast, and over Odisha & Coastal Andhra Pradesh on the east coast. Below-normal maximum temperatures (-1.6 to -3.0°C) are likely over parts of Bihar, Jharkhand, and Gangetic West Bengal. Near-normal weekly maximum temperatures are likely over the rest of the country.
- ❖ **No warm night conditions are likely during week 2.** However, minimum temperatures are likely to be appreciably above normal (+3.1 to +5.0°C) over southern Uttar Pradesh, while above-normal minimum temperatures (+1.6 to +3.0°C) are likely over parts of Punjab, Haryana, south Uttar Pradesh, Rajasthan & north Madhya Pradesh, Gujarat, Maharashtra, Goa & Coastal Karnataka. Below normal minimum temperatures (-1.6 to -3.0°C) are likely over Ladakh. Near-normal weekly minimum temperatures are likely across the rest of the country.

Advisories for likely impact and actions suggested for Heavy Rainfall/ High temperatures/ Heat Waves are provided in Annexure-VII.





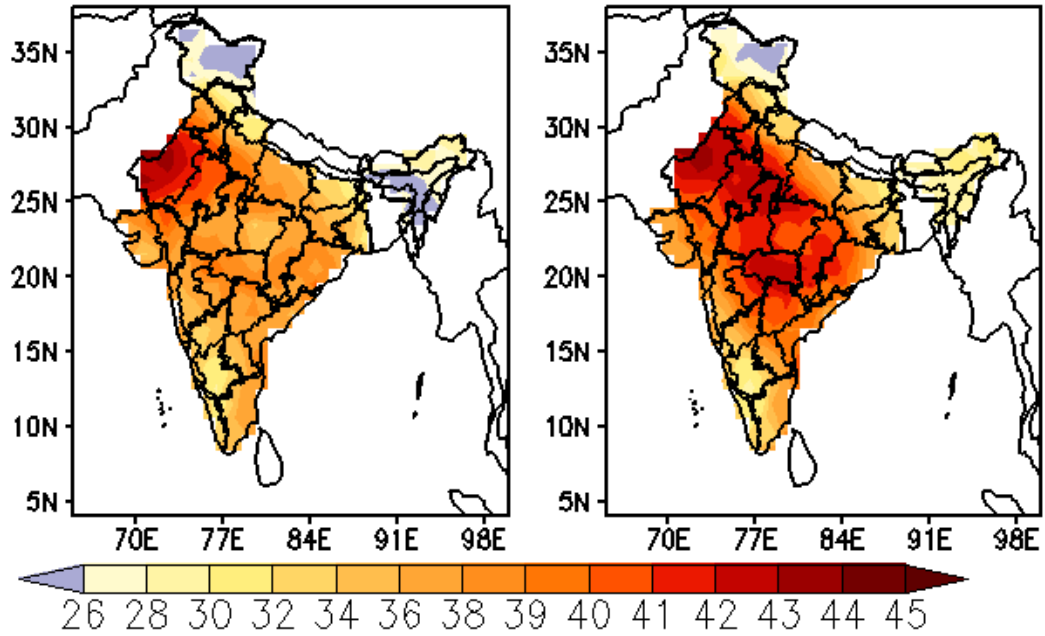


Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME

MME Bias corrected forecast Tmax (Deg C)

(Week1: 01May-07May)

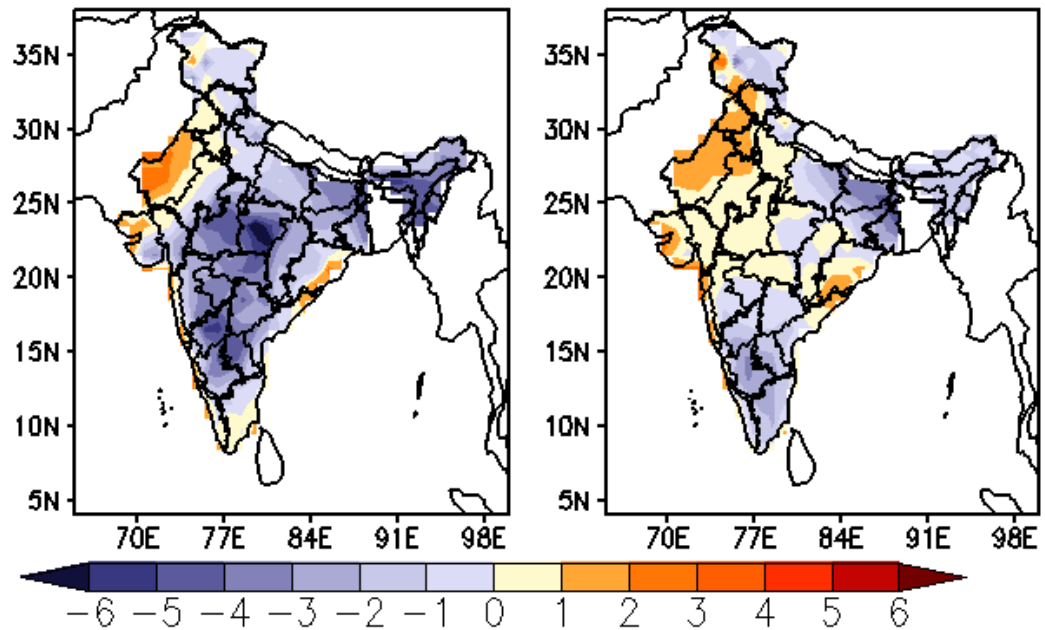
(Week2: 08May-14May)



MME forecast Tmax anomaly (Deg C)

(Week1: 01May-07May)

(Week2: 08May-14May)

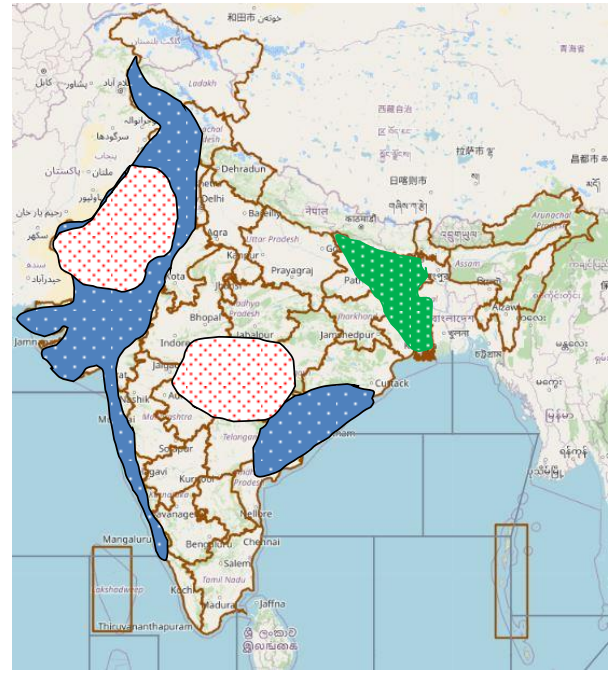
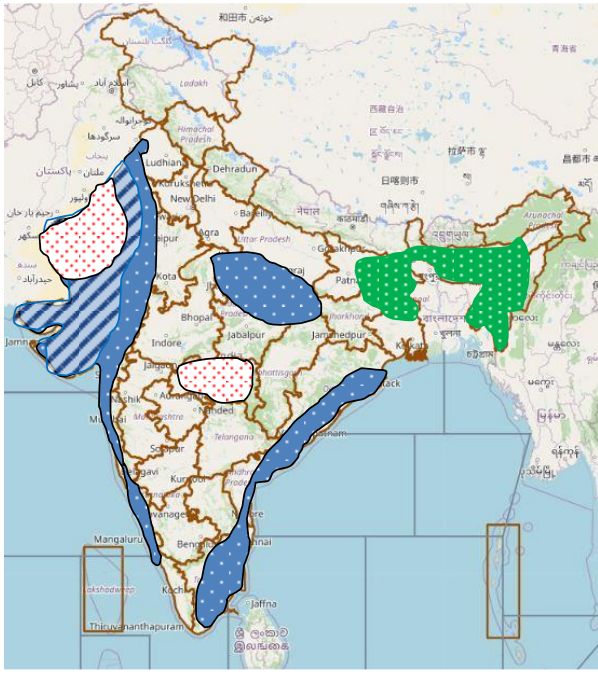


Extended range forecast of weekly distribution of Maximum Temperature in °C (top panel) and anomalies (lower panel) from IMD Bias Corrected Forecast

EXTENDED RANGE OUTLOOK FOR HEATWAVE & MAXIMUM TEMPERATURES

Week 1: 01.05.2026- 07.05.2026

Week2: 08.05.2026- 14.05.2026



PROBABILITY OF HEATWAVE

LOW (1-33% PROBABILITY)

MODERATE (34-67% PROBABILITY)

HIGH (68-100% PROBABILITY)

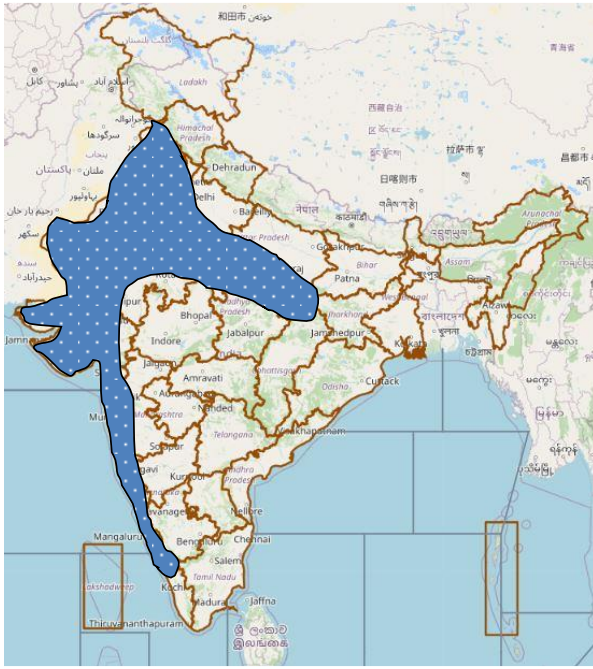
- Markedly Above Normal Maximum Temperatures (>+5.1°C)**
- Appreciably Above Normal Maximum Temperatures (+3.1 to +5.0°C)**
- Above Normal Maximum Temperatures (+1.6 to +3.0°C)**
- Normal Maximum Temperature (+1.5 to -1.5°C)**
- Below Normal Maximum Temperatures (-1.5 to -3.0°C)**
- Appreciably below Normal Maximum Temperatures (-3.1 to -5.0°C)**
- Markedly below Normal Maximum Temperatures (-5.1°C or lesser)**

CONFIDENCE

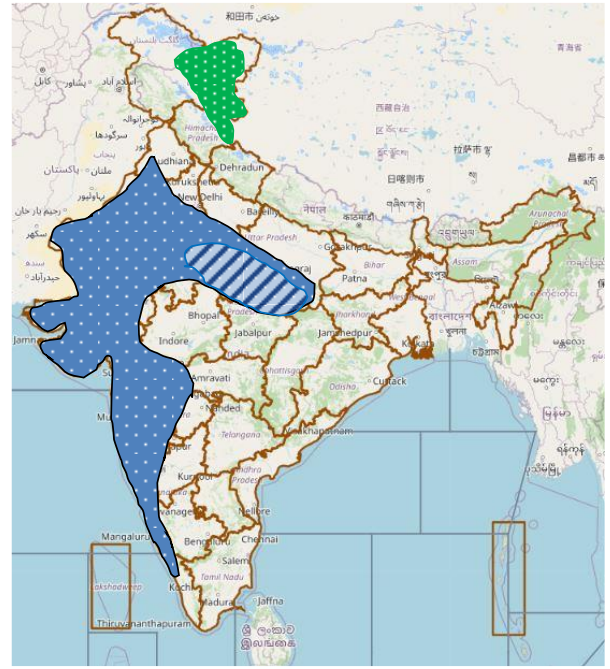


EXTENDED RANGE OUTLOOK FOR WARM NIGHT & MINIMUM TEMPERATURES

Week 1: 01.05.2026- 07.05.2026



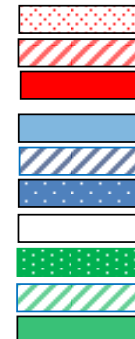
Week2: 08.05.2026- 14.05.2026



PROBABILITY OF Warm Night

- LOW (1-33% PROBABILITY)**
- MODERATE (34-67% PROBABILITY)**
- HIGH (68-100% PROBABILITY)**

CONFIDENCE



- Markedly Above Normal Minimum Temperatures (>+5.1°C)**
- Appreciably Above Normal Minimum Temperatures (+3.1 to +5.0°C)**
- Above Normal Minimum Temperatures (+1.6 to +3.0°C)**
- Normal to Below Normal Minimum Temperature (+1.5 to -1.5°C)**
- Below Normal Minimum Temperatures (-1.5 to -3.0°C)**
- Appreciably below Normal Minimum Temperatures (-3.1 to -5.0°C)**
- Markedly below Normal Minimum Temperatures (-5.1°C or less)**

Impact expected and action suggested due to isolated thunderstorm with lightning/squally winds & Hailstorm over

- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Sub-Himalayan West Bengal & Sikkim on 01st May, Gangetic West Bengal on 30th April, 03rd & 04th May, Bihar on 02nd, Jharkhand on 30th April, Odisha on 30th April & 01st May; over East Madhya Pradesh on 30th April, Chhattisgarh on 30th April & 04th May; over Coastal Andhra Pradesh & Yanam on 30th April.
- ❖ Isolated **Hailstorm activity** likely over South Interior Karnataka on 30th April & 01st May. Isolated **Hailstorm activity** likely over East Uttar Pradesh 30th April; over Odisha on 30th April & 01st May; Jharkhand on 30th April; over Chhattisgarh on 30th April.

Impact expected:

- ❖ Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- ❖ Minor to Major damage to banana and papaya trees.
- ❖ Minor to major damage to power and communication lines due to breaking of branches.
- ❖ 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:

- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ 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 Expected & Action Suggested due to heavy/very heavy rainfall over

- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura 30th April -06th May and Assam & Meghalaya during 30th April-04th May with isolated **very heavy rainfall** likely over Arunachal Pradesh on 30th April & 01st May and Assam & Meghalaya on 02nd & 03rd May; Nagaland, Manipur, Mizoram & Tripura during 30th April-02nd May.
- ❖ **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 30th April- 03rd May; Gangetic West Bengal on 30th; Bihar on 02nd May with isolated **very heavy falls** over Sub-Himalayan West Bengal & Sikkim on 01st & 02nd May.
- ❖ **Heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during 30th April-02nd May; South Interior Karnataka on 30th April & 01st May.

Impact Expected

- ❖ Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- ❖ 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 kutchha roads.
- ❖ Possibilities of damage to vulnerable structure.
- ❖ Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- ❖ 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)

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.

Impact expected and action suggested due to Heat wave/ severe heat wave conditions

- ❖ **Heat wave conditions** very likely in some places of Vidarbha on 30th April & 01st May; West Rajasthan on 02nd & 03rd May.

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.

Agromet advisories for likely impact of Hailstorms

- ❖ In **Odisha, Jharkhand, Chhattisgarh** and **South Interior Karnataka**, use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage.
- ❖ Ensure effective field drainage to prevent waterlogging. Undertake picking of matured fruits at the earliest. Keep the harvested produce in safe places.

Agromet advisories for likely impact of Heavy Rainfall

- ❖ In **Arunachal Pradesh**, shift the harvested cabbage, pea, mustard, late-maturing paddy & potatoes produce to safe places. Ensure proper drainage in the fields of rice, maize, other standing crops, vegetables, and orchards.
- ❖ In **Assam**, maintain proper drainage to avoid water stagnation in the crop fields. Prioritise immediate harvesting of the mature crops and move the produce to a dry, covered warehouse. Use plastic sheets or temporary nets to cover sensitive nursery beds.
- ❖ **Meghalaya**- Postpone sowing of carrot, okra, French bean. Provide proper drainage in maize, ginger and tomato. Provide staking/bamboo support to prevent lodging.
- ❖ **Nagaland, Manipur, Mizoram and Tripura** maintain a 5-8 cm water level during the early vegetative stage pre-kharif rice, avoiding rainwater stagnation for long periods in the crop field.
- ❖ In **West Bengal and Sikkim**, ensure proper field drainage to prevent waterlogging, particularly in ginger, tomato, and *Dalle Khorsani* fields. Protect the nurseries of cucurbits and *Dalle Khorsani* by covering them with polyethylene sheets or agro-net to safeguard young seedlings. Additionally, apply locally available mulching materials in ginger fields to minimize the direct impact of rainfall.

- ❖ In **Kerala**, provide adequate drainage for banana, coconut, and other vegetables. Provide support to banana plants.
- ❖ In **Tamilnadu**, maintain proper drainage to avoid water stagnation in blackgram, green gram, sugarcane, plantations and vegetables.

Agromet advisories for likely impact of High temperatures/ Heat Waves

- ❖ **Maharashtra –Vidarbha** - apply need-based light and frequent irrigation to summer green gram, groundnut, onion, sunflower, sesame, fodder crops, orchards, and vegetables during cooler hours. Use straw mulch in vegetable and orchard crops to reduce evaporation, and install shade nets for newly planted crops.
- ❖ **Madhya Pradesh** - Apply light irrigation to maize, *moong*, *urd*, groundnut, and vegetable crops as required.
- ❖ **Rajasthan** - Provide light irrigation to maintain adequate moisture in standing crops such as *Zaid moong*, American cotton & *Desi* cotton, okra, watermelon, muskmelon, *tinda*, cucumber & long melon.
- ❖ **Odisha** - Provide light irrigation to *Boro* paddy, summer maize, green gram, black gram, groundnut, and vegetable fields. Ensure adequate soil moisture is maintained in mango and cashew crops.
- ❖ **Telangana** - Provide irrigation to mango orchards and vegetable crops, as required.
- ❖ Carry out mulching with crop residue, straw or polythene to minimize the loss of soil moisture in the standing crops.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- ❖ Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- ❖ Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

Livestock / Poultry / Fisheries

- ❖ Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- ❖ Store feed and fodder in a safe place to prevent spoilage.
- ❖ Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.
- ❖ In regions with high temperatures and heat waves, provide clean, hygienic, and ample drinking water for animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects.