

Government of India

Earth System Science Organization

Ministry of Earth Sciences

India Meteorological Department

Press Release: Dated: 04 June 2026

**Subject: Current Weather Status and Extended Range Forecast for the next two weeks (04 to 17 June 2026)**

**1. Salient Observed Features for the week ending 03 June 2026:**

- ❖ **Further advance of Southwest Monsoon:** The southwest monsoon further advanced into some more parts of southwest & southeast Arabian Sea, Lakshadweep Islands, Comorin area, southwest, southeast, westcentral and eastcentral Bay of Bengal, and some parts of northeast Bay of Bengal 30<sup>th</sup> May.
- ❖ **Last week's heat wave spell abated from the country since 31<sup>st</sup> May due to large scale thunderstorm activity in association of an active Western Disturbance: Heat Wave to Severe Heat Wave** conditions prevailed in isolated pockets over East Uttar Pradesh, West Rajasthan, East Rajasthan on 28<sup>th</sup> May, and **Heat Wave** conditions over Haryana, East Madhya Pradesh, West Uttar Pradesh on 28<sup>th</sup> & 29<sup>th</sup> May, Vidarbha during 28<sup>th</sup> – 30<sup>th</sup> May, Chandigarh-Delhi on 28<sup>th</sup> May, West Rajasthan on 29<sup>th</sup> & 30<sup>th</sup> May, Punjab, West Madhya Pradesh, East Uttar Pradesh, East Rajasthan on 29<sup>th</sup> May, Chhattisgarh on 30<sup>th</sup> May.
- ❖ **Heavy to Very Heavy Rainfall** recorded at isolated places over Bihar on 29<sup>th</sup> & 30<sup>th</sup> May, Tamil Nadu, Puducherry & Karaikal on 29<sup>th</sup> May, Nagaland, Manipur, Mizoram & Tripura on 1<sup>st</sup> June, Lakshadweep on 2<sup>nd</sup> June, Andaman & Nicobar Islands, North Interior Karnataka on 3<sup>rd</sup> June.
- ❖ **Hailstorm** recorded at isolated places over Marathawada on 28<sup>th</sup> May & 2<sup>nd</sup> June, Odisha on 28<sup>th</sup> & 30<sup>th</sup> May, Uttarakhand during 29<sup>th</sup> May – 1<sup>st</sup> June, Haryana during 29<sup>th</sup> – 31<sup>st</sup> May, Punjab on 29<sup>th</sup> & 30<sup>th</sup> May, West Uttar Pradesh on 29<sup>th</sup> May & 1<sup>st</sup> June, West Rajasthan on 29<sup>th</sup> & 30<sup>th</sup> May & 2<sup>nd</sup> June, West Madhya Pradesh during 29<sup>th</sup> – 31<sup>st</sup> May, 2<sup>nd</sup> & 3<sup>rd</sup> June, East Madhya Pradesh during 29<sup>th</sup> – 31<sup>st</sup> May, Himachal Pradesh on 30<sup>th</sup> May & 2<sup>nd</sup> June, East Rajasthan on 31<sup>st</sup> May & 2<sup>nd</sup> June, Madhya Maharashtra on 1<sup>st</sup> June.
- ❖ **Weekly Average Maximum temperature** was below normal by 3-5°C over many parts of north, northwest, central and east India, above normal by 2-4°C over many parts of northeast India, and nearly normal over remaining parts of the country during the week. **Weekly Average Minimum temperature** was below normal by 2-4°C over many parts of northwest, central and east India, and nearly normal over remaining parts of the country during the week.

❖ **Temperature Scenario:** The lowest minimum temperature of **17.0°C** had been recorded at **Halflong (Assam)** on **26<sup>th</sup> May, 2026** and the highest maximum temperature of **47.6°C** had been recorded at **Banda (Uttar Pradesh)** on **21<sup>st</sup> and 25<sup>th</sup> May, Bramhapuri (Maharashtra)** on **25<sup>th</sup> May, 2026** over the plains of the country during the week.

❖ **Analysis of weekly overall rainfall distribution during the week ending on 03 June and the Pre-Monsoon Season’s Rainfall Scenario (01.03.2026 to 31.05.2026):** The country as a whole, the weekly cumulative All India Rainfall (ending on 03 June) in % departure from its long period average (LPA) is -10%. All India Seasonal cumulative rainfall % departure during this year’s Pre-Monsoon Season Rainfall (01.03.2026 to 31.05.2026) is 01%. 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 II & III**, respectively.

**Table 1: Rainfall status (Week and season)**

Region	Week			Season		
	28.05.2026 TO 03.06.2026			01.03.2026 TO 31.05.2026		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
<b>EAST &amp; NORTHEAST INDIA</b>	<b>25.7</b>	<b>52.1</b>	<b>-51%</b>	<b>377.2</b>	<b>373.1</b>	<b>1%</b>
<b>NORTHWEST INDIA</b>	<b>14.1</b>	<b>8.1</b>	<b>74%</b>	<b>107.5</b>	<b>114.4</b>	<b>-6%</b>
<b>CENTRAL INDIA</b>	<b>10.6</b>	<b>8.4</b>	<b>26%</b>	<b>42.2</b>	<b>36.0</b>	<b>17%</b>
<b>SOUTH PENINSULA</b>	<b>22.5</b>	<b>23.1</b>	<b>-3%</b>	<b>121.5</b>	<b>121.2</b>	<b>0%</b>
<b>THE COUNTRY AS A WHOLE</b>	<b>16.4</b>	<b>18.2</b>	<b>-10%</b>	<b>131.3</b>	<b>130.6</b>	<b>1%</b>

## 2. Large-scale features:

- ❖ Currently, ENSO-neutral conditions in the equatorial Pacific are transitioning toward El Niño 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. The Monsoon Mission Climate Forecast System (MMCFS) suggests that weak positive IOD conditions are likely to develop towards the end of the southwest monsoon season.

- ❖ The Madden-Julian Oscillation (MJO) index is likely to move across phases 8 and 1 during the forecast period with gradually decreasing amplitude, becoming less than 1 from second half of week 2.

### 3. Forecast for the next two weeks

#### Weather systems & associated Precipitation during Week 1 (04 to 10 June 2026) and Week 2 (11 to 17 June 2026)

#### Weather systems & associated Precipitation during Week 1 (04 to 10 June 2026):

##### Advance of Southwest Monsoon 2026 (Annexure-I):

- ❖ The Southwest Monsoon has further advanced into remaining parts of Southwest & Southeast Arabian Sea, some parts of westcentral & eastcentral Arabian Sea, entire Lakshadweep islands, Kerala & Mahe, some parts of Karnataka & Tamil Nadu, remaining parts of Comorin area, southeast Bay of Bengal and some more parts of southwest, westcentral, eastcentral and northeast Bay of Bengal today the 4th June, 2026.
- ❖ The Northern Limit of Monsoon passes through 14°N/60°E, 13.5°N/65°E, 13°N/70°E, Mangalore, Uthagamandalam, Kodaikanal, Thoothukudi, 8.8°N/79°E, 11°N/83°E, 14.5°N/87°E, 17.5°N/90°E, 20°N/93°E and 22°N/95°E as on 4th June 2026.
- ❖ Conditions are favourable for further advance of southwest monsoon into some more parts of central Arabian Sea, entire Goa, some parts of Maharashtra and Andhra Pradesh, some more parts of Karnataka, remaining parts of Tamil Nadu, Southwest Bay of Bengal, some more parts of Westcentral, Eastcentral and Northeast Bay of Bengal, some parts of Northeastern states during next 2-3 days.
- ❖ **Conditions are likely to become favourable for further advance of southwest monsoon into some more parts of central Arabian Sea, some more parts of Maharashtra, entire Karnataka & Tamil Nadu, some parts of Telangana, some more parts of Andhra Pradesh, entire South Bay of Bengal, some more parts of Westcentral, Eastcentral and some more parts of North Bay of Bengal and entire Northeastern states during remaining days of the week.**

#### **Weather systems:**

- ❖ A **Western Disturbance** as an upper air cyclonic circulation lies over North Pakistan & neighbourhood between lower and middle tropospheric levels above mean sea level.
- ❖ An **induced upper air cyclonic circulation** lies over Central Pakistan & neighbourhood in lower tropospheric level.
- ❖ A **trough** runs from upper air cyclonic circulation over Central Pakistan & neighbourhood to Northeast Arabian Sea in lower tropospheric level.

- ❖ An **upper air cyclonic circulation** lies over north Haryana & neighbourhood between lower and middle tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over central Uttar Pradesh extending in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over Sub-Himalayan West Bengal and adjoining Bihar in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over Konkan & Goa adjoining Eastcentral Arabian sea between lower and middle tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over south Telangana & adjoining Coastal Andhra Pradesh & Yanam in lower tropospheric level.

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

#### **Northeast India:**

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, moderate lightning & gusty winds (speed reaching 40-50 kmph)** likely over Assam & Meghalaya during 6th-7th June; Nagaland, Manipur, Mizoram & Tripura during 5th-7th June, with **gusty winds (speed reaching 30-40 kmph)** likely over Assam & Meghalaya during 4th-5th June.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh on 5th June and on 10th June; Assam & Meghalaya during 4th-5th June and on 10th June; Nagaland, Manipur, Mizoram & Tripura during 5th-10th June with isolated **very heavy rainfall** also likely over Arunachal Pradesh on 4th June and during 6th-9th June; Assam & Meghalaya during 6th-9th June.

#### **South Peninsular India:**

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 50-60 kmph)** likely over Telangana on 4th June, with **gusty winds (speed reaching 40-50 kmph)** likely over Coastal Andhra Pradesh & Yanam, Coastal Karnataka, North Interior Karnataka, Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 4th-8th June; Kerala & Mahe and Lakshadweep during 4th-5th June; Telangana during 5th-8th June, with **gusty winds (speed reaching 30-40 kmph)** likely over South Interior Karnataka during 4th-5th June.
- ❖ Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal on 4th June and during 8th-10th June; Lakshadweep during 4th-6th June; North Interior Karnataka on 4th June and during 6th-10th June; South Interior Karnataka during 4th-10th June; Coastal Andhra Pradesh & Yanam during 4th-5th June and during 9th-10th June; Rayalaseema during 4th-5th June; Telangana during 5th-8th June with isolated **very heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal during 5th-7th June; Coastal Karnataka and Kerala & Mahe during 4th-10th June; North Interior Karnataka on 5th June.

### **East India:**

- ❖ Isolated to scattered light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 50-60 kmph)** likely over Andaman & Nicobar Islands on 4th June; Odisha during 4th-5th June, with **gusty winds (speed reaching 40-50 kmph)** likely over Andaman & Nicobar Islands during 5th-8th June; Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 4th-8th June; Jharkhand during 4th-7th June; Bihar on 5th June and during 7th-10th June; Odisha during 6th-10th June.
- ❖ Isolated **heavy rainfall** likely over Andaman & Nicobar Islands during 4th-5th June; Sub-Himalayan West Bengal & Sikkim during 4th-10th June.

### **Northwest India:**

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 50-60 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 4th-6th June, with **gusty winds (speed reaching 40-50 kmph)** likely over Himachal Pradesh during 4th-5th June; Uttarakhand during 4th-6th June, with **gusty winds (speed reaching 30-40 kmph)** likely over Himachal Pradesh on 6th June.
- ❖ Isolated to scattered light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 50-60 kmph)** likely over East Rajasthan, Haryana Chandigarh & Delhi, Punjab and West Uttar Pradesh during 4th-5th June; East Uttar Pradesh on 5th June; West Rajasthan on 4th June, with **gusty winds (speed reaching 40-50 kmph)** likely over East Rajasthan, Haryana Chandigarh & Delhi and Punjab on 6th June; East Uttar Pradesh on 4th June and on 6th June; West Rajasthan on 5th June, with **gusty winds (speed reaching 30-40 kmph)** likely over West Rajasthan on 6th June.
- ❖ Isolated **heavy rainfall** likely over Uttarakhand during 4th-5th June.
- ❖ Isolated **Hailstorm** activity likely over Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 4th-5th June; Rajasthan on 4th June.

### **Central India:**

- ❖ Isolated to scattered light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 50-60 kmph)** likely over East Madhya Pradesh and West Madhya Pradesh during 4th-5th June; Vidarbha on 4th June; Chhattisgarh during 4th-6th June, with **gusty winds (speed reaching 40-50 kmph)** likely over West Madhya Pradesh during 6th-8th June; Vidarbha during 5th-8th June; Chhattisgarh during 7th-8th June.
- ❖ **Thundersquall** (wind speed reaching 50-60 kmph gusting to 70 kmph) likely over East Madhya Pradesh and West Madhya Pradesh during 4th-5th June; Vidarbha on 4th June; Chhattisgarh during 4th-6th June.

- ❖ Isolated **Hailstorm** activity likely over East Madhya Pradesh and West Madhya Pradesh on 4th June.

#### **West India:**

- ❖ Isolated to scattered light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Konkan & Goa and Marathawada during 4th-7th June; Madhya Maharashtra during 4th-8th June; Gujarat Region and Saurashtra & Kutch during 4th-5th June.
- ❖ Isolated **heavy rainfall** likely over Konkan & Goa during 4th-10th June; Madhya Maharashtra on 5th June and during 7th-10th June.

#### **Weather systems & associated Precipitation during Week 2 (11 to 17 June 2026):**

- ❖ **Conditions are likely to become favourable for further advance of southwest monsoon into remaining parts of central Arabian Sea; some more parts of Maharashtra: entire Telangana and Andhra Pradesh, central Bay of Bengal; some more parts of North Bay of Bengal and some parts of central & East India during the week.**
- ❖ A feeble Western disturbance is likely to impact the western Himalayan region during the week.
- ❖ Westerlies are likely to dominate in the lower tropospheric levels over Central & Peninsular India during the week.
- ❖ Southerly to Southwesterly winds in the lower tropospheric levels from the Bay of Bengal to East & Northeast India are likely to prevail during the week.

#### **Under the influence of the above system:**

- ❖ Light precipitation at isolated places is likely over the Western Himalayan Region (WHR) during some days of the week.
- ❖ Light/moderate scattered to fairly widespread precipitation likely over Northeast India during some/many days of the week.
- ❖ Isolated heavy to very heavy rainfall is likely over Arunachal Pradesh, Assam & Meghalaya, and Sub-Himalayan West Bengal, on some/ many days of the week.
- ❖ Isolated heavy to very rainfall is likely over the Maharashtra & Goa, Karnataka during some days of the week.
- ❖ Overall, rainfall is likely to be below normal over the entire country except Konkan & Goa, Madhya Maharashtra, Marathwada, Karnataka, Telangana, Andhra Pradesh, where it will be near normal to above normal during the week (Annexure III).

## Temperature forecast for Week 1 (04 to 10 June 2026) and Week 2 (11 to 17 June 2026)

### Temperature forecast for Week 1 (04 to 10 June, 2026):

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

- ❖ **Day/Maximum Temperatures (as on 03-06-2026):** Yesterday, Maximum temperatures were in the range of 38-44°C over some parts of Central & adjoining East India, North Peninsular India, Southwest Rajasthan, Saurashtra & Kutch and Interior Maharashtra and below 38°C elsewhere in the country. **The highest maximum temperature of 44.0°C was reported at Brahmpuri (Maharashtra).**
- ❖ **Day/Maximum Temperature Departures (as on 03-06-2026):** Yesterday, Maximum temperatures were **above normal (1.6°C to 3.0°C)** over Jammu-Kashmir, East Uttar Pradesh, Bihar, Konkan, Assam & Meghalaya, Gangetic West Bengal, Odisha, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and below normal or near normal over rest parts of the country.
- ❖ **Night Temperatures/Minimum temperatures (as on 04-06-2026)** were **appreciably above normal (3.1°C to 5.0°C)** over Bihar, Saurashtra & Kutch; **above normal (1.6°C to 3.0°C)** over Jammu-Kashmir, Himachal Pradesh, north Punjab, Delhi, Uttar Pradesh, Rajasthan, Gujarat Region, West Bengal, Assam, Vidarbha, Chhattisgarh, Tamil Nadu, Puducherry & Karaikal and below normal or near normal over rest parts of the country.

#### **Forecast of maximum/day temperatures:**

- ❖ Gradual rise by 3-5°C in maximum temperatures likely over many parts of Northwest India till 03<sup>rd</sup> June; gradual fall by 2-4°C during 04<sup>th</sup> -06<sup>th</sup> June and gradual rise by 3-5°C during 07<sup>th</sup>-09<sup>th</sup> June.
- ❖ No significant change in maximum temperatures likely over East India till 10<sup>th</sup> June except Bihar where rise in maximum temperature by 2-3°C till 06<sup>th</sup> June.
- ❖ No significant change in maximum temperatures likely over the rest parts of country till 09<sup>th</sup> June 2026.

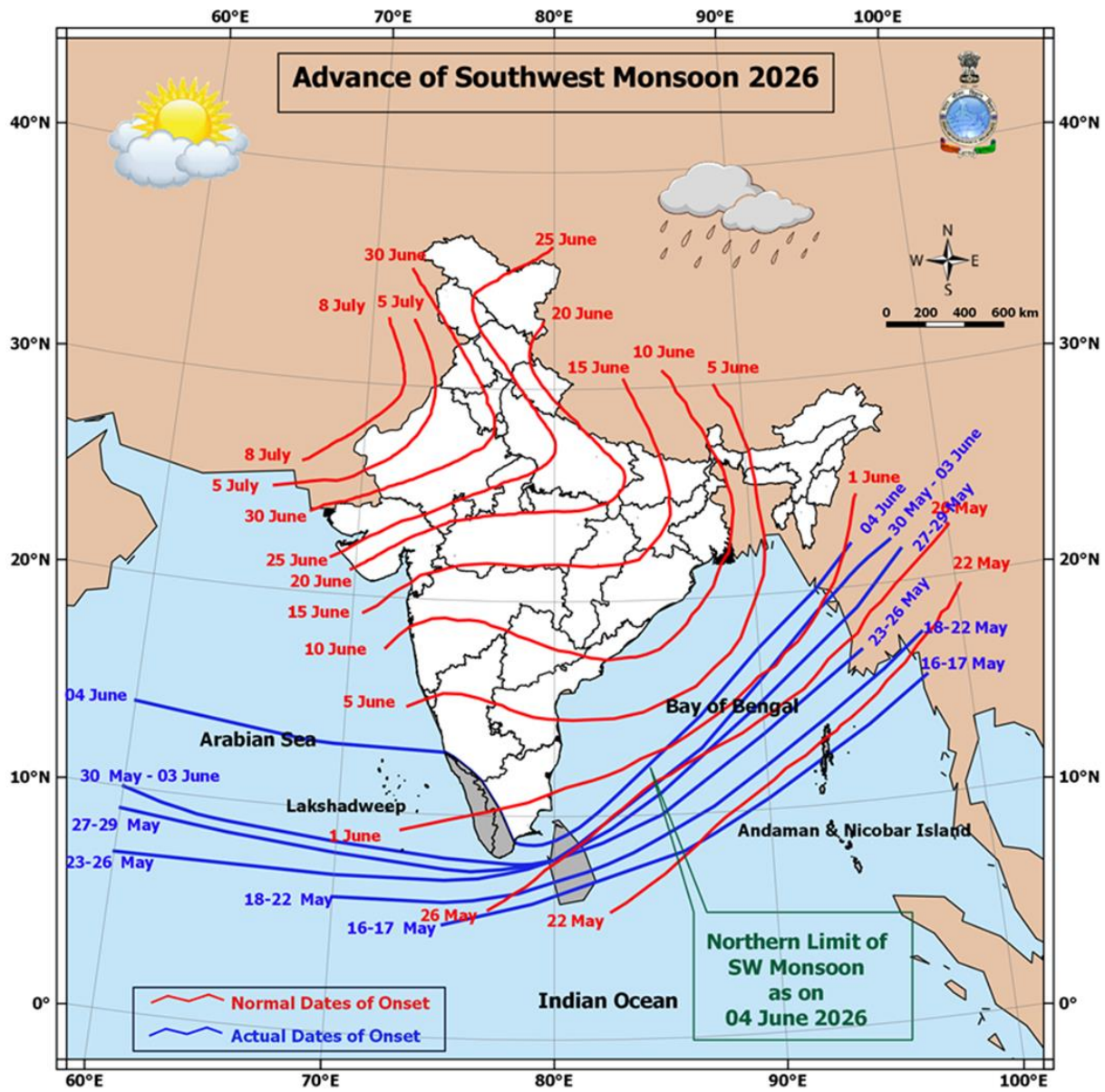
#### **Heat Wave, Hot & Humid weather conditions warning:**

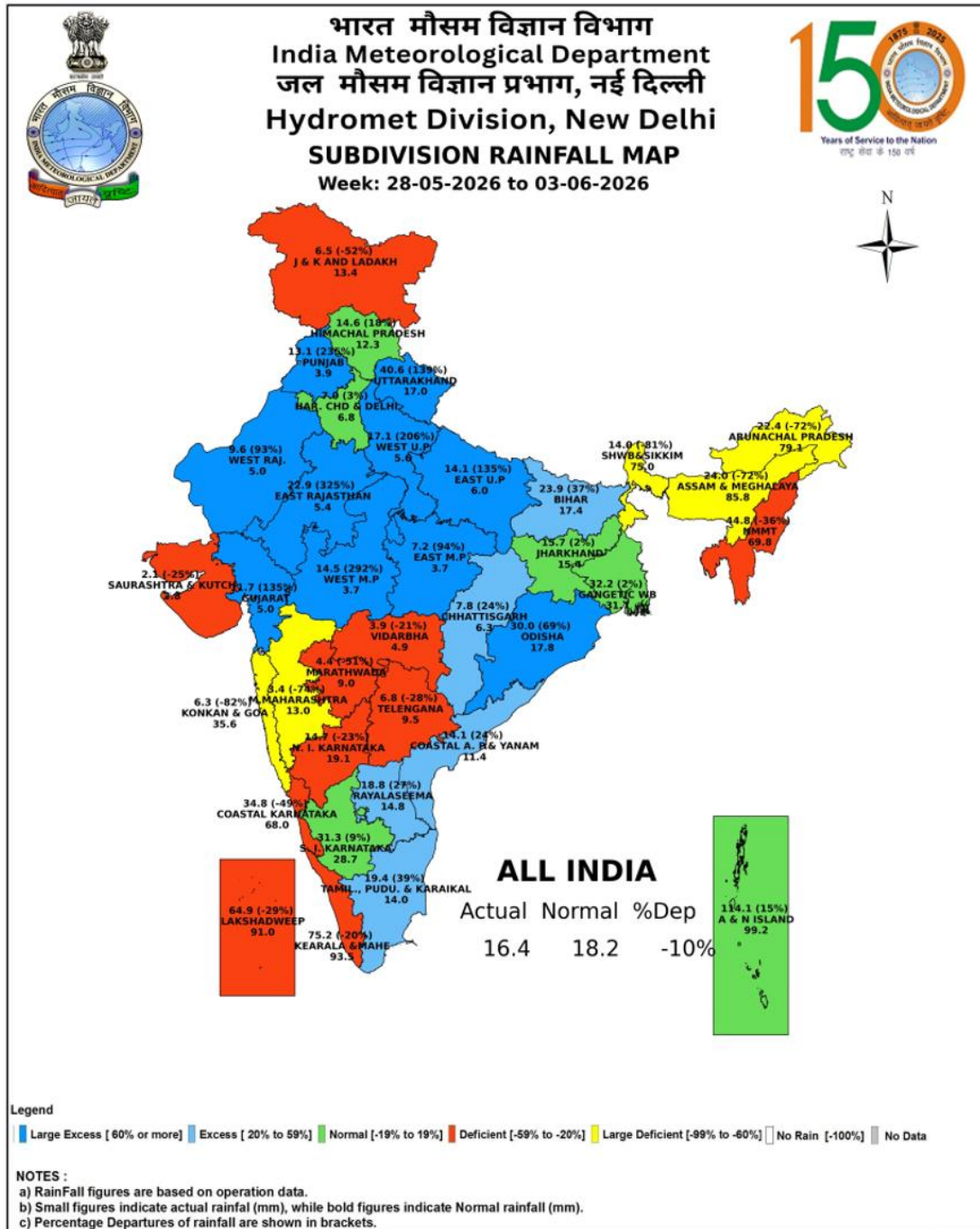
- ❖ **Heat wave** conditions very likely in isolated pockets over Bihar during 6th-8th June; East Uttar Pradesh during 7th-10th June; West Uttar Pradesh during 8th-10th June.
- ❖ **Hot and humid** weather conditions likely to prevail over Odisha during 4th-8th June; Coastal Andhra Pradesh & Yanam, Nagaland, Manipur, Mizoram & Tripura and Tamil Nadu, Puducherry & Karaikal during 4th-5th June.

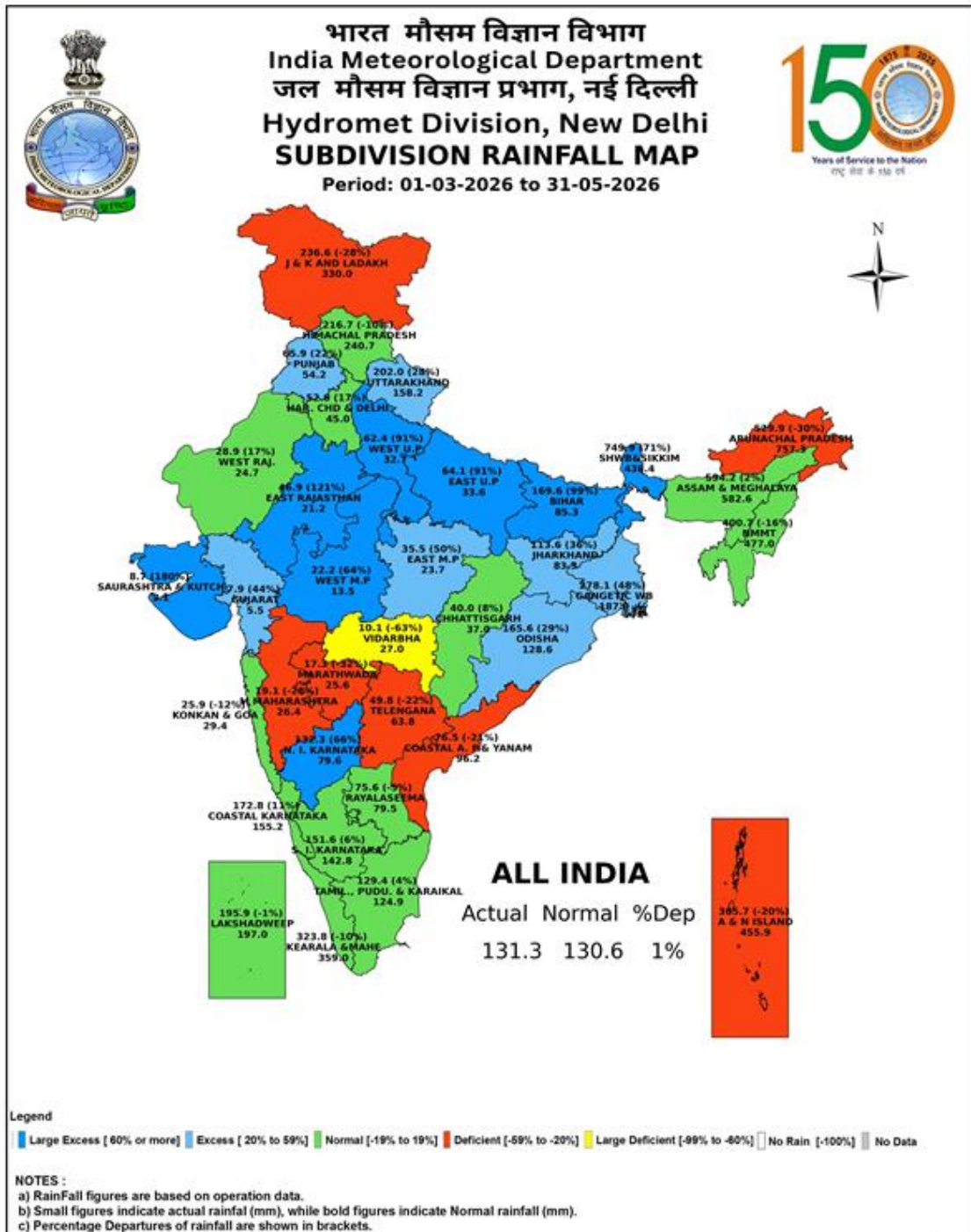
**Temperature forecast for Week 2 (11 to 17 June 2026):**

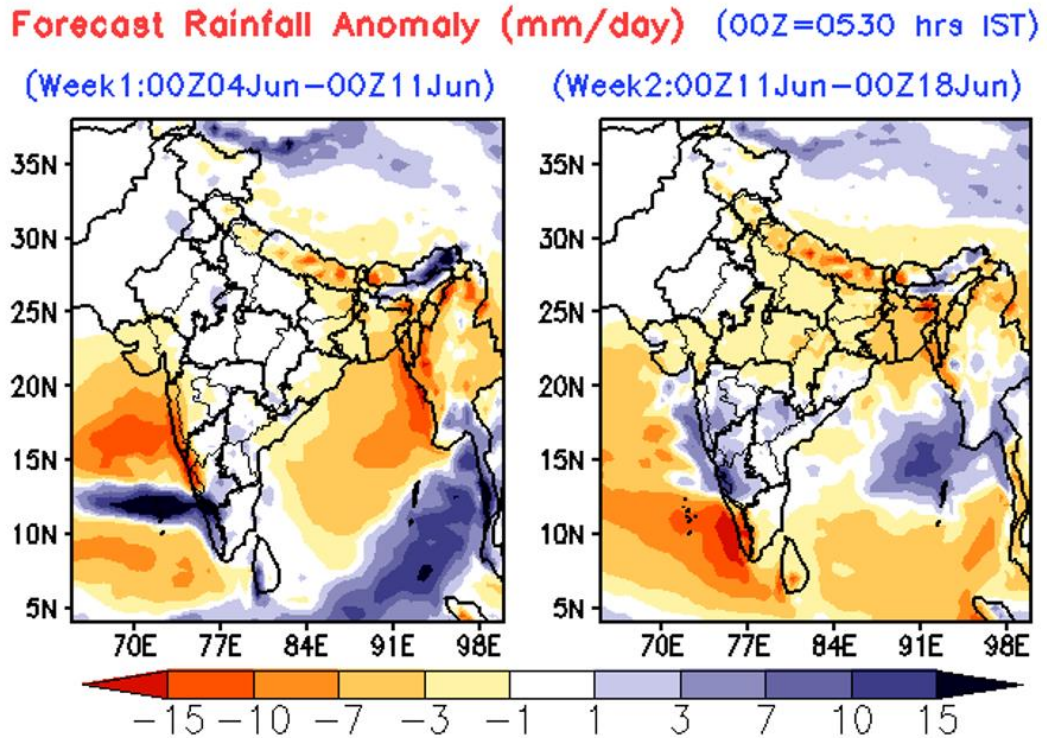
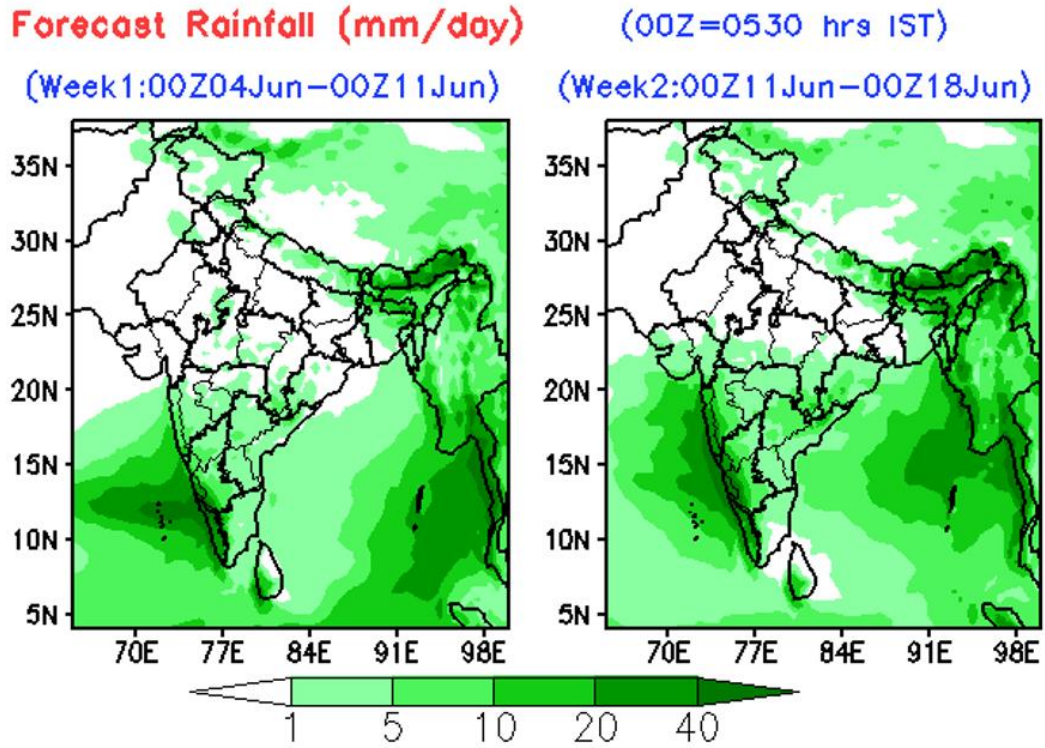
- ❖ **Low probability of Heatwave conditions** likely over parts of northwest India (Uttar Pradesh) and parts of East India (Bihar, Jharkhand, Odisha, Gangetic West Bengal & Chhattisgarh) and adjoining central India (Madhya Pradesh) on some days of week 2.
- ❖ Above-normal **(+1.6 to +3.0°C)** to appreciably above-normal **(+3.1 to +5.0°C)** maximum temperatures are likely in parts of East India and the plains of northwest India, and above-normal maximum temperatures (+1.6 to +3.0°C) are likely over parts of northeast India. Near-normal weekly maximum temperatures **(-1.5 to +1.5°C)** are likely across the rest of the country during week 2.
- ❖ No Warm Night conditions likely during Week 2. However, minimum temperatures are likely to be above normal (+1.6 to +3.0°C) over parts of Bihar, Jharkhand, Gangetic West Bengal, Uttar Pradesh, and north Madhya Pradesh, and near Normal (-1.5 to +1.5°C) across the rest of the country.

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







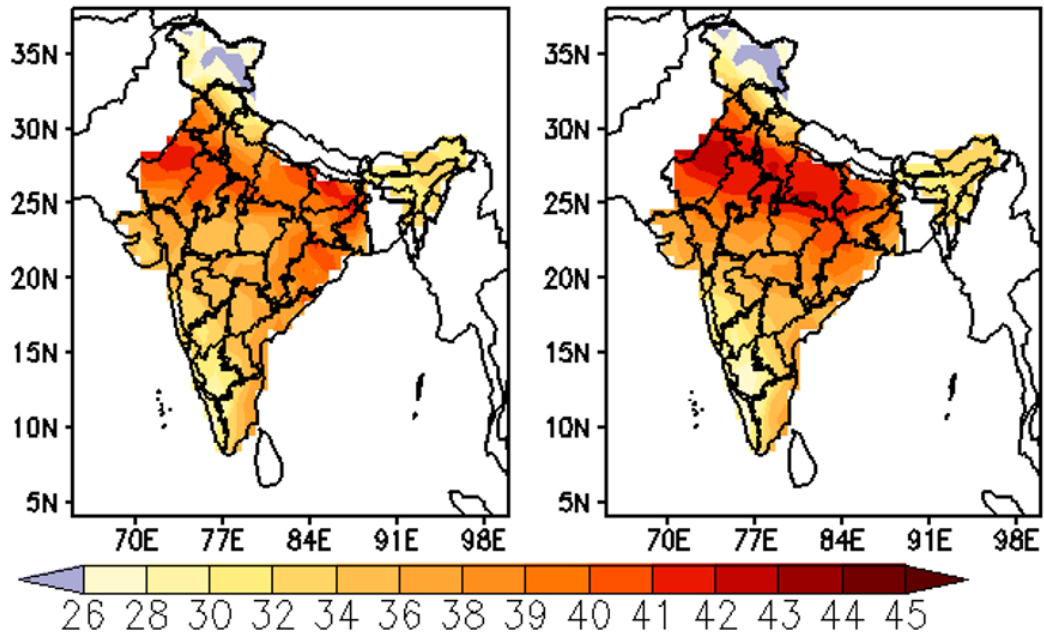


Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME

### MME Bias corrected forecast Tmax (Deg C)

(Week1: 05Jun-11Jun)

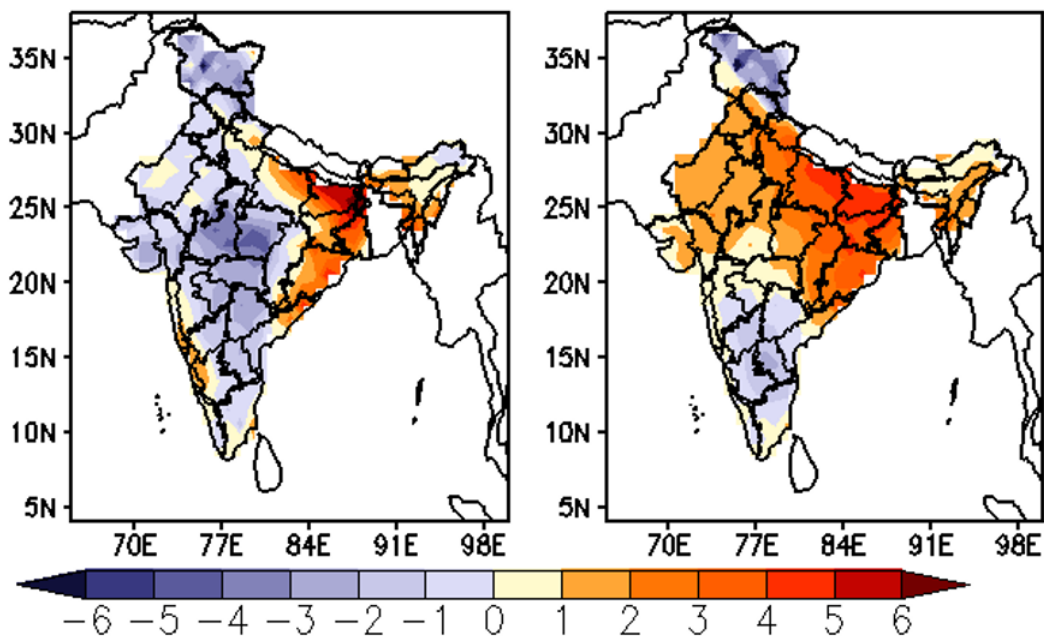
(Week2: 12Jun-18Jun)



### MME forecast Tmax anomaly (Deg C)

(Week1: 05Jun-11Jun)

(Week2: 12Jun-18Jun)

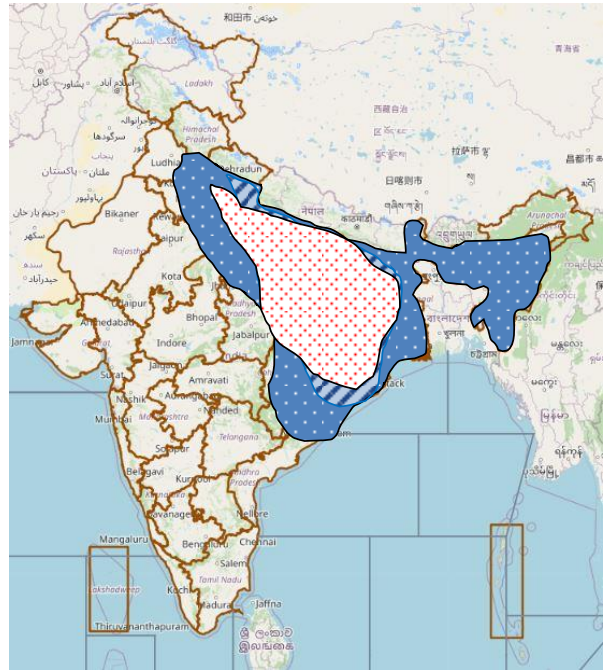
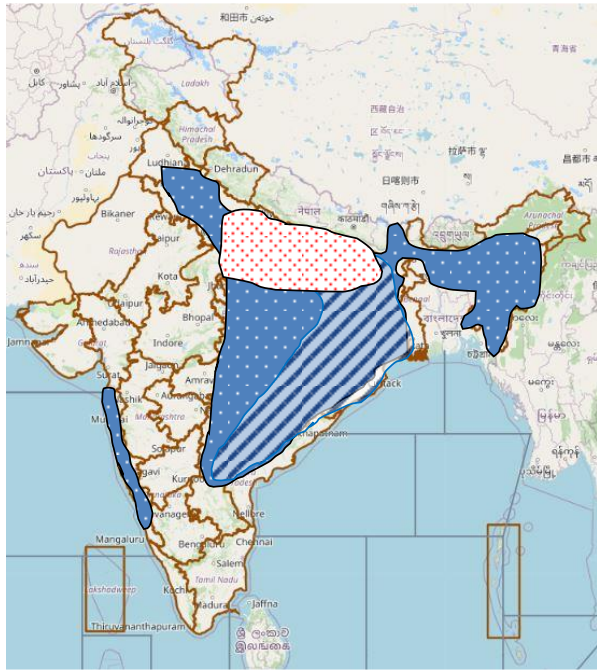


Extended range forecast of weekly distribution of Maximum Temperature in °C (top panel) and anomalies (lower panel) from IMD Bias Corrected Forecast

**EXTENDED RANGE OUTLOOK FOR HEATWAVE & MAXIMUM TEMPERATURES**

**Week 1: 05.06.2026- 11.06.2026**

**Week2: 12.06.2026- 18.06.2026**

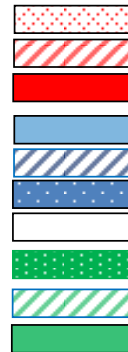


**PROBABILITY OF HEATWAVE**

- 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 (-1.6 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**

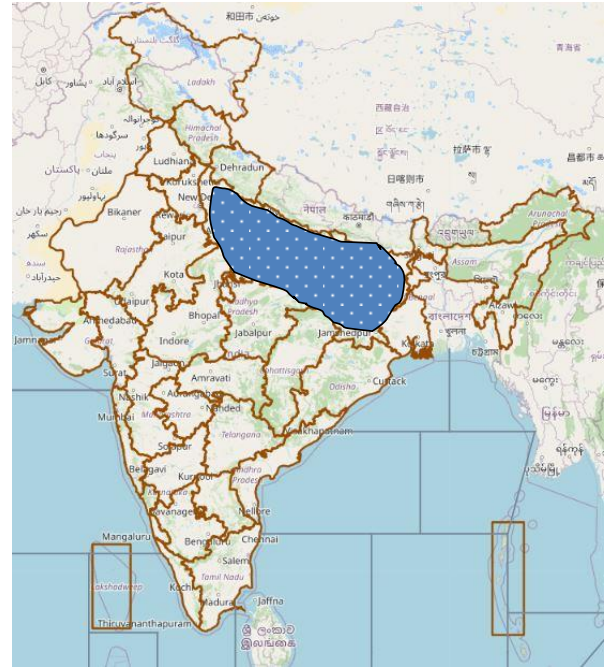


**EXTENDED RANGE OUTLOOK FOR WARM NIGHT & MINIMUM TEMPERATURES**

**Week 1: 05.06.2026 - 11.06.2026**



**Week2: 12.06.2026 - 18.06.2026**



**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 (-1.6 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, gusty/squally winds & hailstorm over**

- ❖ Isolated **Hailstorm** activity likely over Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 4th-5th June; Rajasthan on 4th June.

**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.
- 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 on 5th June and on 10th June; Assam & Meghalaya during 4th-5th June and on 10th June; Nagaland, Manipur, Mizoram & Tripura during 5th-10th June with isolated **very heavy rainfall** also likely over Arunachal Pradesh on 4th June and during 6th-9th June; Assam & Meghalaya during 6th-9th, Tamil Nadu, Puducherry & Karaikal on 4th June and during 8th-10th June; Lakshadweep during 4th-6th June; North Interior Karnataka on 4th June and during 6th-10th June; South Interior Karnataka during 4th-10th June; Coastal Andhra Pradesh & Yanam during 4th-5th June and during 9th-10th June; Rayalaseema during 4th-5th

June; Telangana during 5th-8th June with isolated **very heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal during 5th-7th June; Coastal Karnataka and Kerala & Mahe during 4th-10th June; North Interior Karnataka on 5<sup>th</sup>, Andaman & Nicobar Islands during 4th-5th June; Sub-Himalayan West Bengal & Sikkim during 4th-10<sup>th</sup>, Uttarakhand during 4th-5<sup>th</sup>, likely over Konkan & Goa during 4th-10th June; Madhya Maharashtra on 5th June and during 7th-10th June.

### **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 kutcha 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 conditions:**

- ❖ **Heat wave** conditions very likely in isolated pockets over Bihar during 6th-8th June; East Uttar Pradesh during 7th-10th June; West Uttar Pradesh during 8th-10th June.

### **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 **Jammu & Kashamir, Uttarakhand, Himachal Pradesh, Rajasthan and Madhya Pradesh** 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**, ensure proper drainage in vegetable, maize, and nursery fields. In WRC paddy, keep drainage channels open to remove excess water from nursery beds. Cover newly sown nursery beds with polythene sheets or straw mulch.
- In **Assam**, undertake harvesting of Boro rice after current spells of heavy rain and store the already harvested produce in a safe place. Cover the rice nursery beds with thin polythene sheet. Ensure proper drainage arrangements for quick removal of excess water from rice nurseries, vegetables, banana, citrus and papaya fields.
- In **Meghalaya**, harvest the mature banana fruits immediately during clear weather. Make necessary arrangements to remove excess rainwater from the maize, ginger, vegetable, banana and other orchard fields crop fields.
- In **Nagaland**, delay transplanting of brinjal in main field. For already transplanted seedlings, maintain proper drainage in and around the fields of maize, vegetables and orchard.
- In **Manipur**, ensure that ridges and bunds around rice fields are well constructed to maintain the required water level; provide adequate drainage to remove excess rain water from chilli, ginger, turmeric, banana and other crops.
- In **Mizoram**, create drainage channels surrounding the rice fields and utilize grass mulch to cover the seeds. Provide support to fruit-bearing or partially lodge plants/trees. Propping should be done to prevent maize plants from lodging.
- In **Tripura** – undertake harvesting of mature Boro rice immediately and shift the harvested produce to a safe and dry place for storage.
- In **Andaman & Nicobar Islands**, ensure proper drainage in coconut gardens and avoid water stagnation around basins.

- In **Sub Himalayan West Bengal and Sikkim**, undertake harvesting of matured rice & maize after current spells of heavy rains and keep already harvested produce in a safe place. Ensure proper drainage in rice, maize, jute and vegetables. Postpone fresh sowing of okra.
- In **Tamil Nadu**, maintain proper drainage to prevent water stagnation in cotton, rice nurseries, recently sown cumbu and vegetables,
- In **Keralam**, provide adequate drainage for banana, coconut, and other vegetables. Provide support to banana plants.
- In **Lakshadweep**, provide adequate drainage in standing crop fields to prevent waterlogging.
- In **Karnataka**, undertake harvesting of matured rice after current spells of rain, ensure proper drainage in paddy fields, arecanut and mango orchards. Provide staking to tomato plants.
- In **Andhra Pradesh** - Provide light irrigation to maintain adequate moisture in standing crops such as paddy, *rabi* maize, sorghum, chickpea, groundnut, sesame, sugarcane, vegetables, and fruit orchards.
- In **Telangana**, provide irrigation to mango orchards and vegetable crops, as required.
- In the regions expecting heavy rainfall, especially **Uttarkhand, Konkan and Goa and Madhya Maharashtra** withhold irrigation in standing crops, make necessary arrangements to remove excess rainwater from the crop fields.

#### **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 hailstorms/ heavy rainfall and provide them with 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.