

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

**Press Release: Dated: 14 May 2026**

**Subject: Current Weather Status and Extended Range Forecast for the next two weeks (14 May to 27 May 2026)**

**1. Salient Observed Features for the week ending 13 May 2026:**

- ❖ **Formation of a Well-Marked Low Pressure Area over southwest & adjoining westcentral Bay of Bengal on 13<sup>th</sup> May:** Under the influence of an upper air cyclonic circulation over Gulf of Mannar and adjoining Sri Lanka, a Low Pressure Area formed in morning hours of 11<sup>th</sup> May over southwest Bay of Bengal off north Sri Lanka coast. It lay over Southwest Bay of Bengal at 0830 hrs IST of 12<sup>th</sup> May and lay as a Well-Marked Low Pressure Area over southwest & adjoining westcentral Bay of Bengal at 0830 hrs IST of 13<sup>th</sup> May.
- ❖ **A fresh spell of heat wave over North India during second half of the week: Heat Wave to Severe Heat Wave** conditions prevailed in isolated pockets over Jammu & Kashmir on 10<sup>th</sup> & 11<sup>th</sup> May, Saurashtra & Kutch, West Rajasthan on 12<sup>th</sup> & 13<sup>th</sup> May and **Heat Wave** conditions over West Rajasthan on 11<sup>th</sup> May, Gujarat Region on 12<sup>th</sup> & 13<sup>th</sup> May, Vidarbha, Marathawada, Madhya Maharashtra on 13<sup>th</sup> May.
- ❖ **Heavy to Very Heavy Rainfall** recorded at isolated places over Tamil Nadu, Puducherry & Karaikal during 8<sup>th</sup> – 10<sup>th</sup> May, Kerala & Mahe on 10<sup>th</sup> May, Odisha on 11<sup>th</sup> May, Assam & Meghalaya on 13<sup>th</sup> May. **Heavy rainfall** recorded at isolated places over Tamil Nadu, Puducherry & Karaikal on 7<sup>th</sup> May, Kerala & Mahe on 8<sup>th</sup> & 9<sup>th</sup> May, Coastal Karnataka on 9<sup>th</sup> & 13<sup>th</sup> May, Jharkhand on 9<sup>th</sup> May, Assam & Meghalaya on 11<sup>th</sup> & 12<sup>th</sup> May, Sub-Himalayan West Bengal & Sikkim on 12<sup>th</sup> & 13<sup>th</sup> May, Gangetic West Bengal, Bihar on 13<sup>th</sup> May.
- ❖ **Hailstorm** recorded at isolated places over West Madhya Pradesh on 7<sup>th</sup>, 8<sup>th</sup>, 10<sup>th</sup> & 13<sup>th</sup> May, East Madhya Pradesh on 8<sup>th</sup> & 9<sup>th</sup> May, Vidarbha on 8<sup>th</sup> & 10<sup>th</sup> May, East Rajasthan, Madhya Maharashtra on 8<sup>th</sup> May, Marathawada, Bihar on 9<sup>th</sup> May, Jharkhand on 10<sup>th</sup> & 11<sup>th</sup> May, Chhattisgarh on 10<sup>th</sup> May, Punjab on 12<sup>th</sup> May, Jammu-Kashmir, Haryana, West Uttar Pradesh on 13<sup>th</sup> May.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds** prevailed at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Uttarakhand, West Madhya Pradesh, East Madhya Pradesh, Bihar, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Marathawada during 7<sup>th</sup> – 13<sup>th</sup>

May, Arunachal Pradesh during 7<sup>th</sup> – 12<sup>th</sup> May, Punjab on 7<sup>th</sup>, 8<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> May, Haryana Chandigarh & Delhi, West Uttar Pradesh on 7<sup>th</sup>, 8<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> & 13<sup>th</sup> May, East Uttar Pradesh on 7<sup>th</sup>, 8<sup>th</sup>, 10<sup>th</sup> & 13<sup>th</sup> May, Jharkhand during 7<sup>th</sup> – 10<sup>th</sup> & 13<sup>th</sup> May, Chhattisgarh on 7<sup>th</sup>, 9<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> May, Gangetic West Bengal during 7<sup>th</sup> – 10<sup>th</sup> May, Sub-Himalayan West Bengal & Sikkim on 7<sup>th</sup> & 9<sup>th</sup> May, Saurashtra & Kutch during 7<sup>th</sup> – 9<sup>th</sup> & 11<sup>th</sup> – 13<sup>th</sup> May, Vidarbha on 7<sup>th</sup> & 10<sup>th</sup> – 13<sup>th</sup> May, Tamil Nadu, Puducherry & Karaikal on 7<sup>th</sup>, 9<sup>th</sup>, 10<sup>th</sup> & 13<sup>th</sup> May, Himachal Pradesh during 8<sup>th</sup>, 9<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> May, Odisha during 8<sup>th</sup> – 11<sup>th</sup> May, North Interior Karnataka, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema on 9<sup>th</sup> May, West Rajasthan on 13<sup>th</sup> May.

❖ **Weekly Average Maximum temperature** was below normal by 2-4°C over many parts of the Himalayan foothills and east coast of India, and above normal by 2-4°C over parts of north, west and northeast India, and nearly normal over remaining parts of the country during the week. **Weekly Average Minimum temperature** was below normal by 1-3°C over parts of north, northwest & adjoining central, and east India during first half of the week, and above normal by 2-4°C over parts of west India during second half of the week. It was nearly normal over remaining parts of the country during the week.

❖ **Temperature Scenario:** The lowest minimum temperature of **14.6°C** had been recorded at **Mandi (Himachal Pradesh)** on **07<sup>th</sup> May, 2026** and the highest maximum temperature of **48.3°C** had been recorded at **Barmer (Rajasthan)** on **12<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 06 May and the Pre-Monsoon Season's Rainfall Scenario (01.03.2026 to 13.05.2026):** The country as a whole, the weekly cumulative All India Rainfall (ending on 13 May) in % departure from its long period average (LPA) is -21%. All India Seasonal cumulative rainfall % departure during this year's Pre-Monsoon Season Rainfall (01.03.2026 to 13.05.2026) 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		
	07.05.2026 TO 13.05.2026			01.03.2026 TO 13.05.2026		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
<b>EAST &amp; NORTHEAST INDIA</b>	<b>24.4</b>	<b>36.1</b>	<b>-32%</b>	<b>276.2</b>	<b>252.5</b>	<b>9%</b>
<b>NORTHWEST INDIA</b>	<b>6.2</b>	<b>8.3</b>	<b>-25%</b>	<b>92.4</b>	<b>94.1</b>	<b>-2%</b>
<b>CENTRAL INDIA</b>	<b>2.8</b>	<b>3.9</b>	<b>-27%</b>	<b>31.0</b>	<b>23.5</b>	<b>32%</b>
<b>SOUTH PENINSULA</b>	<b>16.8</b>	<b>16.2</b>	<b>4%</b>	<b>66.5</b>	<b>76.3</b>	<b>-13%</b>
<b>THE COUNTRY AS A WHOLE</b>	<b>10.1</b>	<b>12.8</b>	<b>-21%</b>	<b>96.0</b>	<b>92.1</b>	<b>4%</b>

## 2. Large-scale features:

- ❖ Currently, ENSO-neutral conditions are evolving toward El Niño conditions over the equatorial Pacific. The latest MMCFS (Monsoon Mission Coupled Forecasting System) forecast indicates the development of El Niño conditions during the SW Monsoon season.
- ❖ At present, neutral Indian Ocean Dipole (IOD) conditions are prevailing 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.
- ❖ The Madden-Julian Oscillation (MJO) index is currently in phase 4 with amplitude equal to 1. It will continue in same phase with gradually decreasing amplitude (close to 0.7) during week 1. Thereafter, it is likely to move across phases 5 and 6 with amplitude remaining close to 0.7-0.8 during week 2. Thus, MJO is likely to support enhancement of convective activity/cyclogenesis over the Bay of Bengal (BoB) in particular central & north BoB during the entire forecast period.

## 3. Forecast for the next two weeks

### Weather systems & associated Precipitation during Week 1 (14 to 20 May) and Week 2 (21 to 27 May 2026)

### Weather systems & associated Precipitation during Week 1 (14 to 20 May 2026):

- ❖ Conditions are favourable for the advance of **southwest monsoon** over parts of south Bay of Bengal, Andaman Sea and Andaman & Nicobar Islands around 16<sup>th</sup> May, 2026.

- ❖ Yesterday's **well-marked low-pressure area** over southwest & adjoining westcentral Bay of Bengal persisted over the same region at 0830 Hrs IST of today, the 14<sup>th</sup> May 2026 and the associated cyclonic circulation extending upto 5.8 km above mean sea level.
- ❖ An **upper air cyclonic circulation** lies over West Uttar Pradesh & neighbourhood in lower tropospheric levels
- ❖ An **upper air cyclonic circulation** lies over East Uttar Pradesh & neighbourhood in lower tropospheric levels
- ❖ An **upper air cyclonic circulation** lies over southeast Madhya Pradesh & neighbourhood in lower tropospheric levels.
- ❖ The east-west **trough** now runs from the upper air cyclonic circulation over southeast Madhya Pradesh to Sub-Himalayan West Bengal & Sikkim in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over east Bangladesh & neighbourhood in lower tropospheric levels.
- ❖ A fresh feeble **Western Disturbance** is likely to affect Northwest India from 15<sup>th</sup> May 2026.

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

##### **Northwest India:**

- ❖ **Isolated** light to moderate rainfall with isolated thunderstorm, lightning & gusty winds (**speed reaching 40-50 kmph**) likely over Himachal Pradesh, Uttarakhand on 14<sup>th</sup>; Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad 15<sup>th</sup> & 16<sup>th</sup> May.
- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Punjab, Haryana Chandigarh, Rajasthan on 14<sup>th</sup> & 15<sup>th</sup>; Uttar Pradesh on 14<sup>th</sup> May.

##### **Northeast India:**

- ❖ **Scattered to Fairly widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 40-50 kmph)** likely over Nagaland, Manipur, Mizoram & Tripura during 14<sup>th</sup>-17<sup>th</sup> May; Assam & Meghalaya during 16<sup>th</sup> – 18<sup>th</sup> May.
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh during 14<sup>th</sup>-16<sup>th</sup>, Assam & Meghalaya during 15<sup>th</sup> – 17<sup>th</sup> and on 19<sup>th</sup> & 20<sup>th</sup>; Nagaland, Manipur, Mizoram during 17<sup>th</sup> –20<sup>th</sup> May with **Isolated very heavy rainfall over** Assam & Meghalaya on 14<sup>th</sup> & 18<sup>th</sup> May.

##### **East India:**

- ❖ **Scattered to Fairly widespread** light to moderate rainfall with **thunderstorm, lightning gusty/squally winds (speed reaching 40-50 kmph)** likely over Sub-

Himalayan West Bengal & Sikkim during 14<sup>th</sup> – 17<sup>th</sup>; Bihar during 14<sup>th</sup> – 20<sup>th</sup> ; Jharkhand during 14<sup>th</sup> – 16<sup>th</sup> ; Odisha during 14<sup>th</sup> & 15<sup>th</sup> May.

- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Andaman & Nicobar Islands on 14<sup>th</sup>; Bihar on 16<sup>th</sup> & 20<sup>th</sup> ; Jharkhand on 17<sup>th</sup> & 18<sup>th</sup>, Odisha on 14<sup>th</sup> May.
- ❖ **Isolated heavy rainfall** likely over Andaman & Nicobar Islands on 14<sup>th</sup> , 15<sup>th</sup> & 18<sup>th</sup> and Sub-Himalayan West Bengal & Sikkim on 14<sup>th</sup> & 15<sup>th</sup> May; with isolated **very heavy rainfall** over Andaman & Nicobar Islands ,Sub-Himalayan West Bengal & Sikkim on 16<sup>th</sup> & 17<sup>th</sup> May.

#### **Central India:**

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 40-50 kmph)** likely over East Madhya Pradesh on 14<sup>th</sup> ; Vidarbha on 14<sup>th</sup> & 15<sup>th</sup> ; Chhattisgarh during 14<sup>th</sup>-17<sup>th</sup> May.

#### **West India:**

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 40-50 kmph)** likely over Konkan & Goa on 15<sup>th</sup> & 16<sup>th</sup> , Madhya Maharashtra, Marathawada during 14<sup>th</sup> – 16<sup>th</sup> May.

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

- ❖ **Scattered to fairly widespread thunderstorms, lightning & gusty winds (40-50 kmph)** likely over Kerala & Mahe, Interior Karnataka; Rayalaseema during 14<sup>th</sup> – 18<sup>th</sup>; Lakshadweep on 14<sup>th</sup> & 15<sup>th</sup> ; Coastal Andhra Pradesh & Yanam during 14<sup>th</sup> – 17<sup>th</sup> May.
- ❖ **Isolated Heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal during 14<sup>th</sup> - 19<sup>th</sup>, Kerala & Mahe during 14<sup>th</sup> – 17<sup>th</sup>; South Interior Karnataka during 15<sup>th</sup> - 17<sup>th</sup> May.
- ❖ Isolated **Hailstorm activity** likely over North Interior Karnataka on 14<sup>th</sup> & 15<sup>th</sup>; South Interior Karnataka on 14<sup>th</sup> May.

#### **Weather systems & associated Precipitation during Week 2 (21 to 27 May 2026):**

- ❖ Conditions are becoming favorable for the further advance of the southwest monsoon over some parts of the South Arabian Sea, the entire South Bay of Bengal, the Andaman Sea, and the Andaman & Nicobar Islands, and some parts of the central Bay of Bengal during the week.
- ❖ A Western disturbance is likely to impact the western Himalayan region during the week.
- ❖ Westerlies are likely to dominate in the lower tropospheric levels over South Peninsular India during the week.

- ❖ Southerly to Southwesterly winds in the lower and middle tropospheric levels from the Bay of Bengal to East & Northeast India are likely to prevail during the week.
- ❖ A shear zone is likely to develop over the south peninsula of India in the lower and middle tropospheric levels by the end of the week.

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

- ❖ Light to moderate precipitation at isolated/ scattered places is likely over the Western Himalayan Region (WHR) during some 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, Odisha and Northeast India during many days of the week.
- ❖ Isolated heavy to very heavy rainfall is likely over Bihar, Sikkim, Arunachal Pradesh, Assam & Meghalaya, and Tripura, on some/ many days of the week.
- ❖ Light/moderate precipitation at scattered to fairly widespread places likely over south peninsular India during the week with possibility of isolated heavy to very heavy falls over Kerala, Tamilnadu, coastal & south Interior Karnataka during many days of the week.
- ❖ Overall, thunderstorm activity is likely to continue over the east & northeast, and the southern peninsular India during many days of the week.
- ❖ Overall, rainfall is likely to be above normal over the Central, South Peninsular India and over East & Northeast India; below normal over the Western Himalayan region and plains of northwest India during the week (Annexure III).

**Temperature forecast for Week 1 (14 to 20 May 2026) and Week 2 (21 to 27 May 2026)**

**Temperature forecast for Week 1 (14 to 20 May 2026):**

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

- ❖ Maximum Temperatures (as on 13-05-2026): Yesterday, Maximum temperatures are in the range of 42°C & above over most parts of the Rajasthan, Gujarat state, Marathwada, Vidarbha, West Madhya Pradesh and at a few places over Madhya Maharashtra; these are in the range of 34-42°C over most parts of Haryana-Chandigarh-Delhi, Uttar Pradesh, Jharkhand, Chhattisgarh, Odisha, Coastal Andhra Pradesh & Yanam, Rayalaseema, Karnataka, Konkan & Goa, Telangana, East Madhya Pradesh and below 34°C over rest parts of the country. **The highest maximum temperature of 46.1°C was reported at Jaisalmer (RAJASTHAN).**
- ❖ Maximum Temperature Departures (as on 13-05-2026): Maximum Temperature Departures (as on 13-05-2026): markedly above normal (> 5.1°C) at few places over West Madhya Pradesh; at isolated places over East Madhya Pradesh and

Saurashtra & Kutch. appreciably above normal (3.1°C to 5.0°C) at many places over West Rajasthan; at few places over Arunachal Pradesh, Gujarat Region and Vidarbha; at isolated places over West Uttar Pradesh, Himachal Pradesh, East Rajasthan, Konkan & Goa, Madhya Maharashtra and Marathwada. above normal (1.6°C to 3.0°C) at isolated places over Assam & Meghalaya, Gangetic West Bengal, Odisha, East Uttar Pradesh, Jammu-Kashmir Ladakh-Gilgit-Baltistan Muzaffarabad, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. near normal (-1.5°C to 1.5°C) at many places over Nagaland, Manipur, Mizoram & Tripura and Telangana; at most places over Uttarakhand, Haryana-Chandigarh-Delhi, Punjab, Chhattisgarh, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe and Lakshadweep; at few places over Andaman & Nicobar Islands; at isolated places over Sub Himalayan West Bengal & Sikkim, Jharkhand and Bihar.

- ❖ **Minimum temperatures** were appreciably above normal (3.1°C to 5.0°C) over west Rajasthan, Gujarat Region, Maharashtra, Madhya Pradesh; above normal (1.6°C to 3.0°C) over Assam, Saurashtra & Kutch, Madhya Pradesh, Marathawada, Konkan & Goa, Madhya Maharashtra, Telangana, Interior Karnataka, Kerala & Mahe and below normal or near normal over rest parts of the country.

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

- ❖ Gradual rise in maximum temperatures by 3-5°C likely over Northwest India till 17<sup>th</sup> and no significant change during 18<sup>th</sup> -20<sup>th</sup> May.
- ❖ Gradual rise in maximum temperatures by 2-3°C likely over central India till 16<sup>th</sup> and no significant change on during 17 -20<sup>th</sup> May.
- ❖ Gradual rise in maximum temperatures by 2-4°C likely over East India till 16<sup>th</sup> and no significant change on during 17<sup>th</sup> -20<sup>th</sup> May
- ❖ No significant change in maximum temperatures likely over Gujarat till 14<sup>th</sup> gradual fall by 2-4°C during 15<sup>th</sup> -17<sup>th</sup> and no significant change during 18<sup>th</sup> - 20<sup>th</sup> May.
- ❖ Gradual rise in maximum temperatures by 2-3°C likely over Maharashtra till 16<sup>th</sup> and gradual fall by 2-3°C during 17<sup>th</sup> -20<sup>th</sup> May.
- ❖ No significant change in maximum temperatures likely over rest parts of the country till 20<sup>th</sup> May 2026.

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

- ❖ **Heat wave conditions at many places with severe heat wave conditions in isolated pockets** likely to prevail over West Rajasthan during 17<sup>th</sup> – 19<sup>th</sup> May.
- ❖ **Heat wave conditions** in isolated pockets likely to prevail over Punjab, Haryana Chandigarh & Delhi during 16<sup>th</sup> – 20<sup>th</sup> ;West Uttar Pradesh during 15<sup>th</sup> – 17<sup>th</sup> ;East Uttar Pradesh during 14<sup>th</sup> – 17<sup>th</sup> and on 20<sup>th</sup> ; West Rajasthan during 14<sup>th</sup> – 16<sup>th</sup> and on 20<sup>th</sup> East Rajasthan during 17<sup>th</sup> – 20<sup>th</sup> ; West Madhya Pradesh,

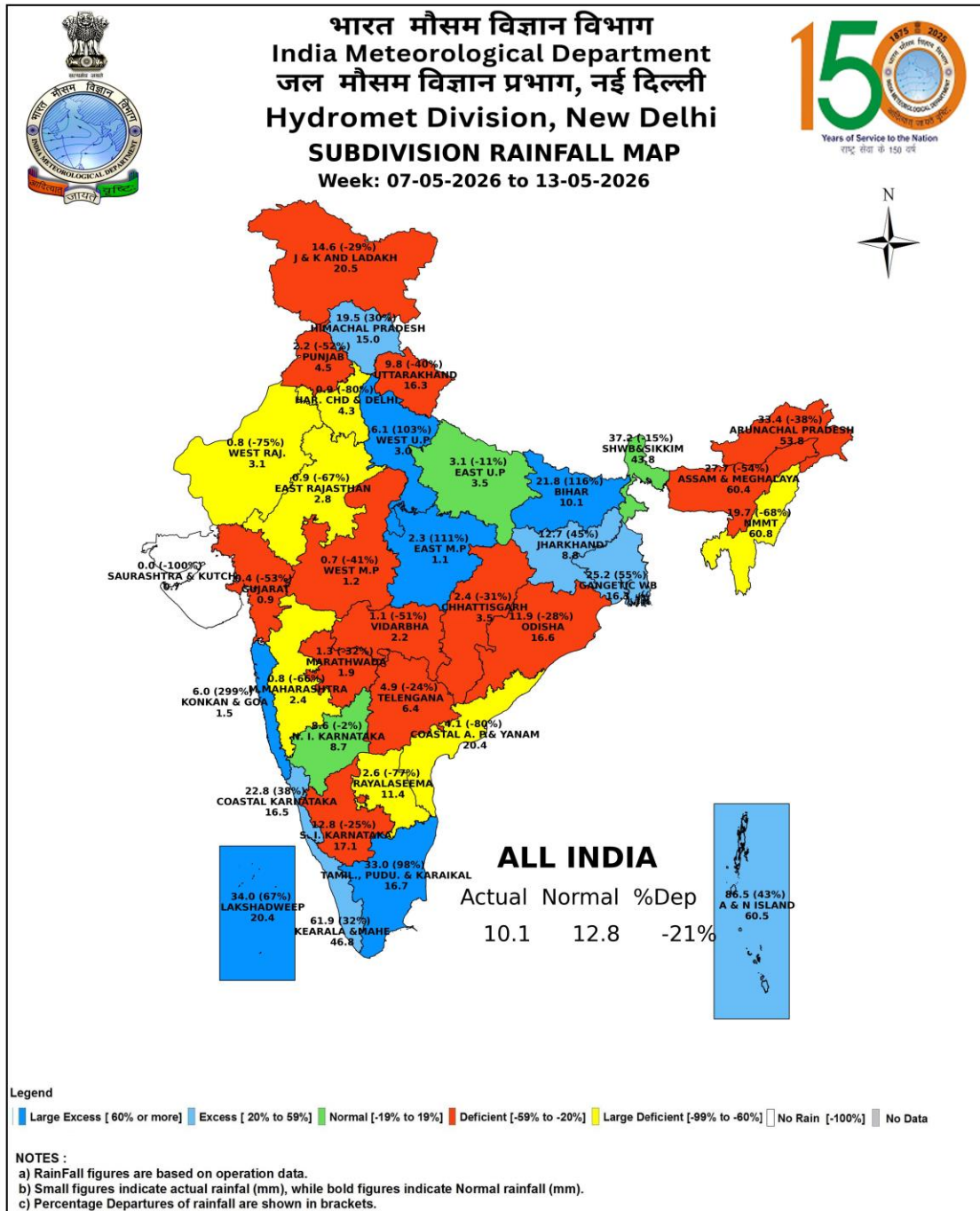
Vidarbha during 14<sup>th</sup> – 20<sup>th</sup> ;East Madhya Pradesh during 15<sup>th</sup> – 20<sup>th</sup> ; Chhattisgarh during 17<sup>th</sup> – 20<sup>th</sup> ; Telangana during 15<sup>th</sup> -18<sup>th</sup> , Konkan & Goa on 15<sup>th</sup> & 16<sup>th</sup> , **Madhya Maharashtra, Gujarat Region** on 14<sup>th</sup> , Marathawada, Saurashtra & Kutch on 14<sup>th</sup> & 15<sup>th</sup> ;**with scattered Heat wave conditions over** West Uttar Pradesh during 18<sup>th</sup> – 20<sup>th</sup> ; East Uttar Pradesh on 18<sup>th</sup> & 19<sup>th</sup> ; West Rajasthan during 17<sup>th</sup> -19<sup>th</sup> May.

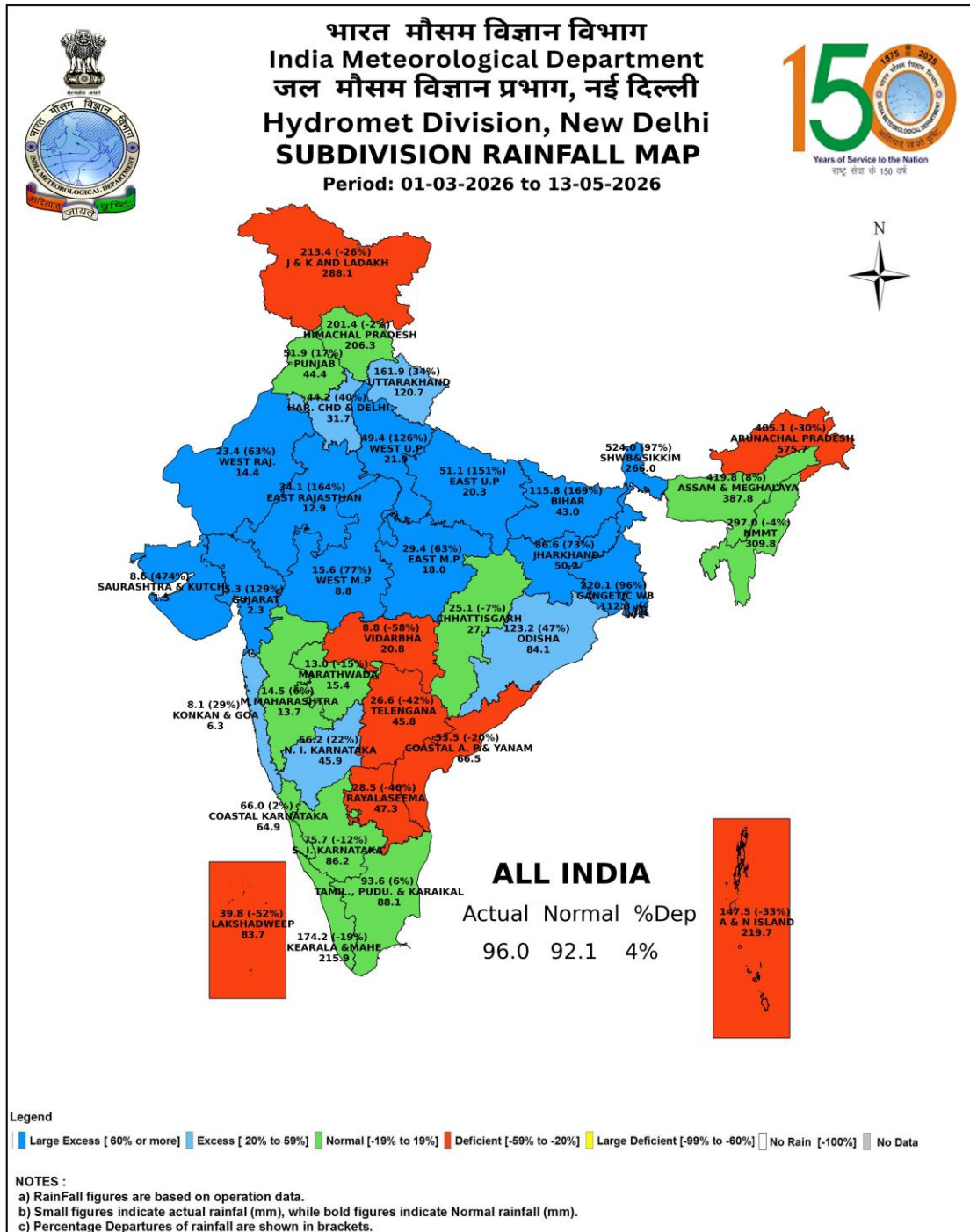
- ❖ **Warm night conditions** likely to prevail in isolated pockets over West Madhya Pradesh on 14<sup>th</sup> & 15<sup>th</sup>, Vidarbha on 14<sup>th</sup> May; **with scattered Warm night conditions** over West Rajasthan during 17<sup>th</sup> – 19<sup>th</sup> May.

### **Temperature forecast for Week 2 (21 to 27 May 2026):**

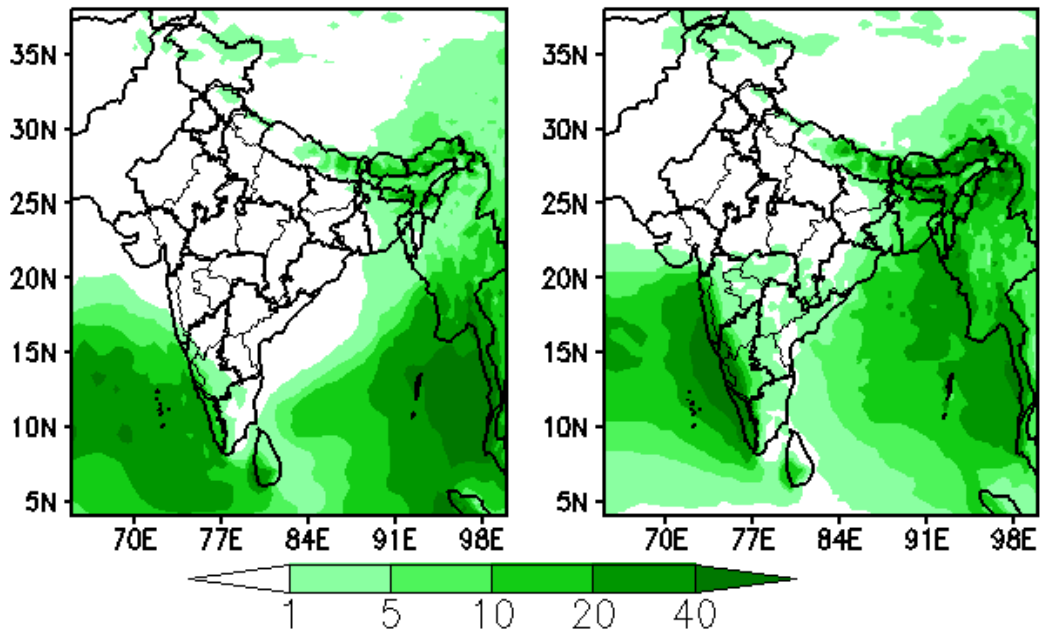
- ❖ **Low to moderate probability of Heatwave conditions** likely over many parts of northwest, west and central India during many days of week 2.
- ❖ Appreciably above normal (+3.1 to +5.0°C) maximum temperatures are likely over many parts of northwest India; above normal (+1.6 to +3.0°C) temperatures are likely along the northwest, west and central India and over some parts of northeast India. Below-normal maximum temperatures (-1.6 to -3.0°C) are likely across many parts of South Peninsular India, and Near-normal maximum temperatures are likely across the rest of the country during week 2.
- ❖ **Low probability of warm night conditions is likely over Punjab, Haryana, and adjoining West Uttar Pradesh on some days of week 2.** Minimum temperatures are likely to be above normal (+1.6 to +3.0°C) over many parts of the northwest, west and central parts of the country; Appreciably above normal (+3.1 to +5.0°C) minimum temperatures are likely over some parts of the plains of northwest India. 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.**

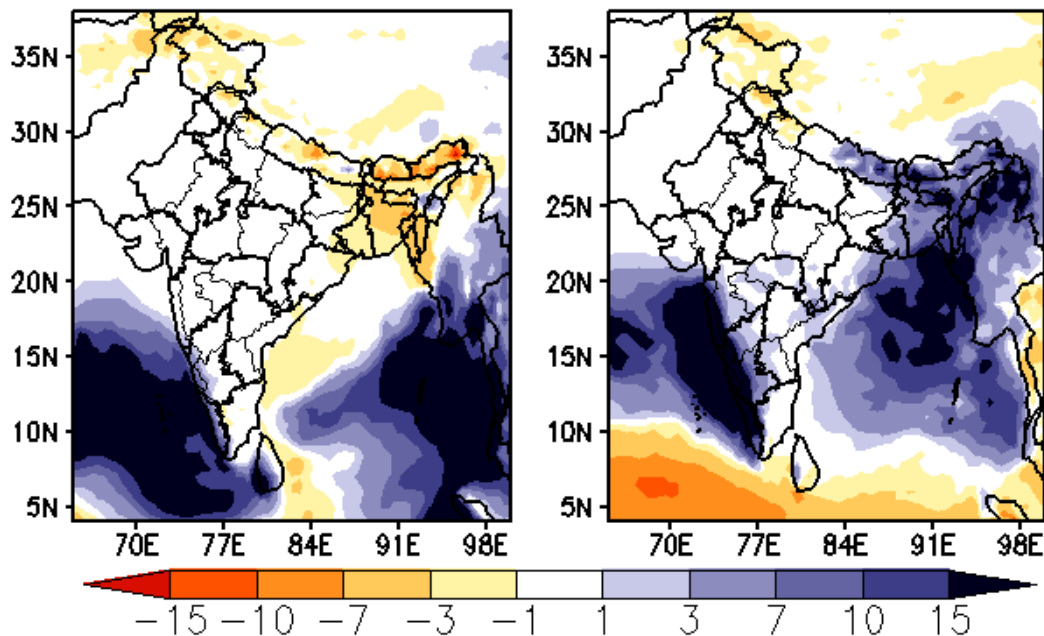




**Forecast Rainfall (mm/day)** (00Z=0530 hrs IST)  
(Week1:00Z14May-00Z21May) (Week2:00Z21May-00Z28May)



**Forecast Rainfall Anomaly (mm/day)** (00Z=0530 hrs IST)  
(Week1:00Z14May-00Z21May) (Week2:00Z21May-00Z28May)

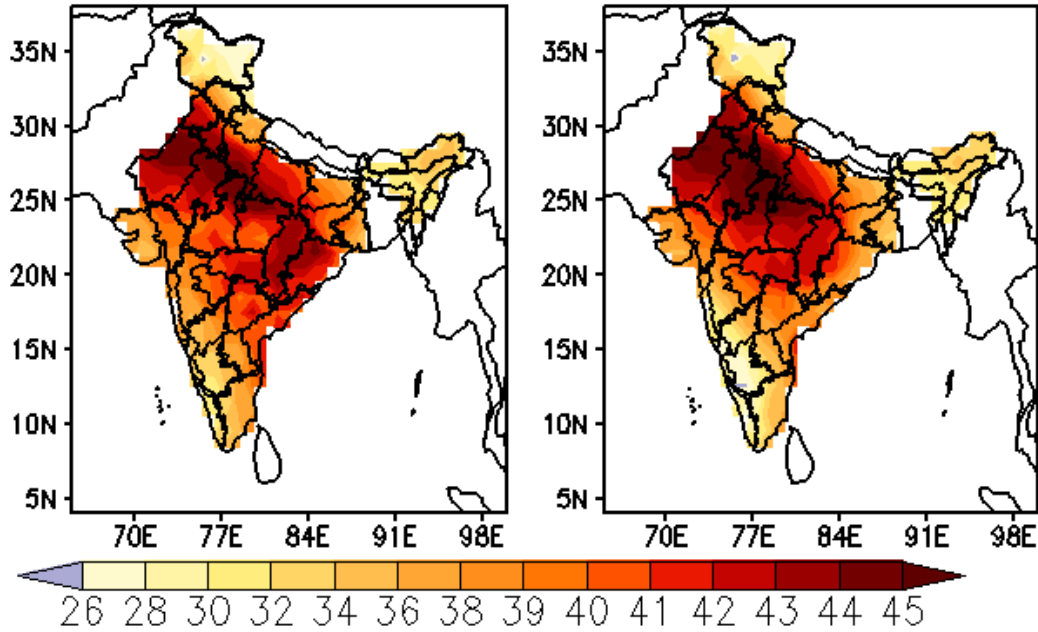


Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME

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

(Week1: 15May-21May)

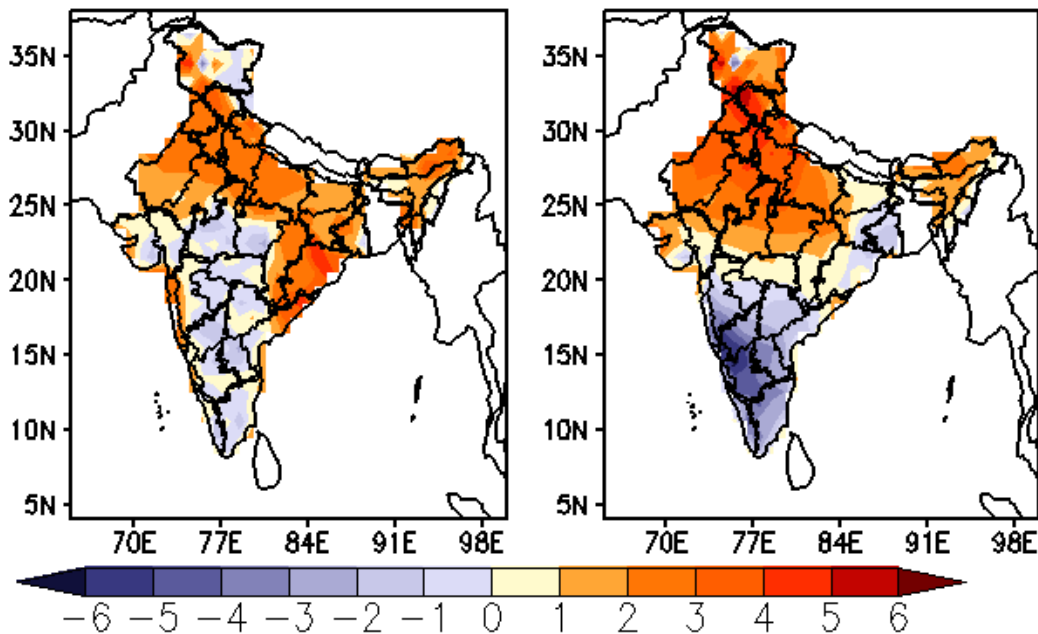
(Week2: 22May-28May)



### MME forecast Tmax anomaly (Deg C)

(Week1: 15May-21May)

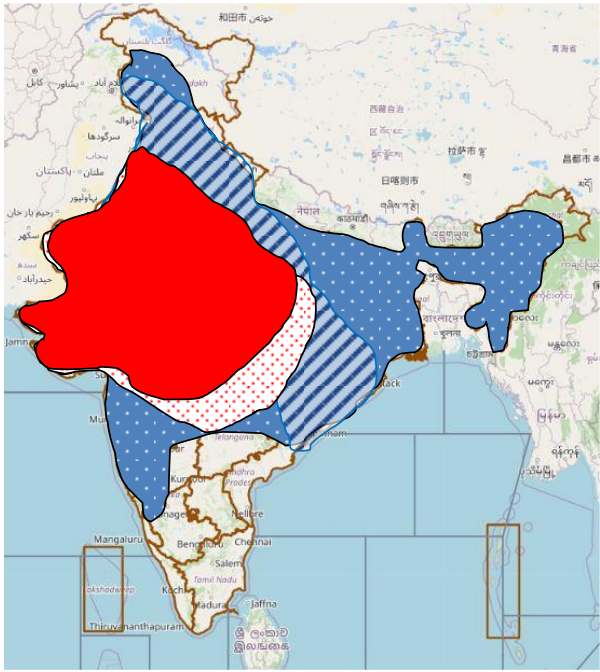
(Week2: 22May-28May)



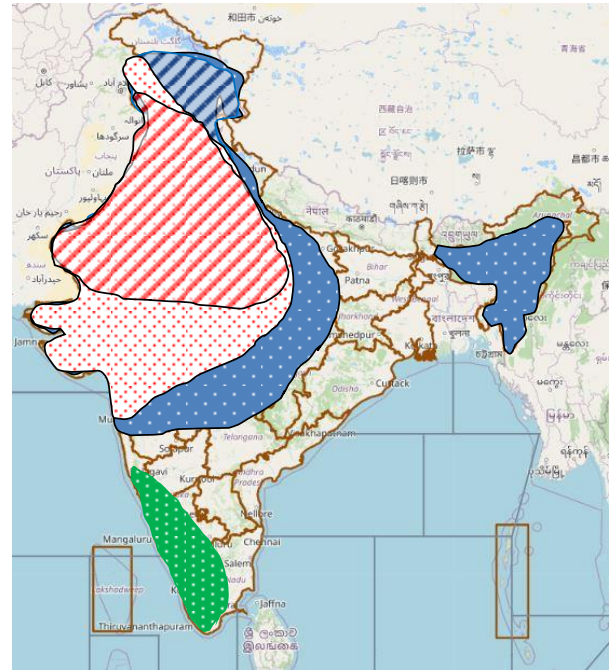
Extended range forecast of weekly distribution of Maximum Temperature in °C (top panel) and anomalies (lower panel) from IMD Bias Corrected Forecast

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

**Week 1: 15.05.2026- 21.05.2026**



**Week2: 22.05.2026- 28.05.2026**



**PROBABILITY OF HEATWAVE**

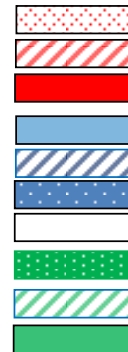
**LOW (1-33% PROBABILITY)**

**MODERATE (34-67% PROBABILITY)**

**HIGH (68-100% PROBABILITY)**

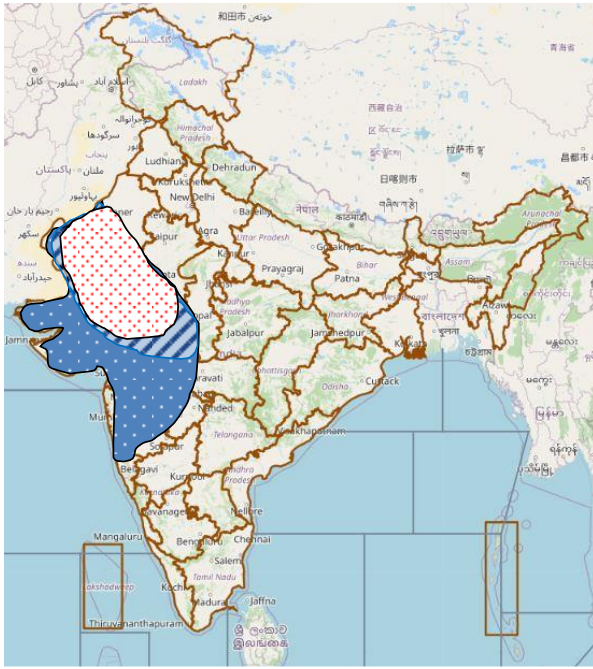
- Markedly Above Normal Maximum Temperatures (>+5.1°C)**
- Appreciably Above Normal Maximum Temperatures (+3.1 to +5.0°C)**
- Above Normal Maximum Temperatures (+1.6 to +3.0°C)**
- Normal Maximum Temperature (+1.5 to -1.5°C)**
- Below Normal Maximum Temperatures (-1.6 to -3.0°C)**
- Appreciably below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

**CONFIDENCE**

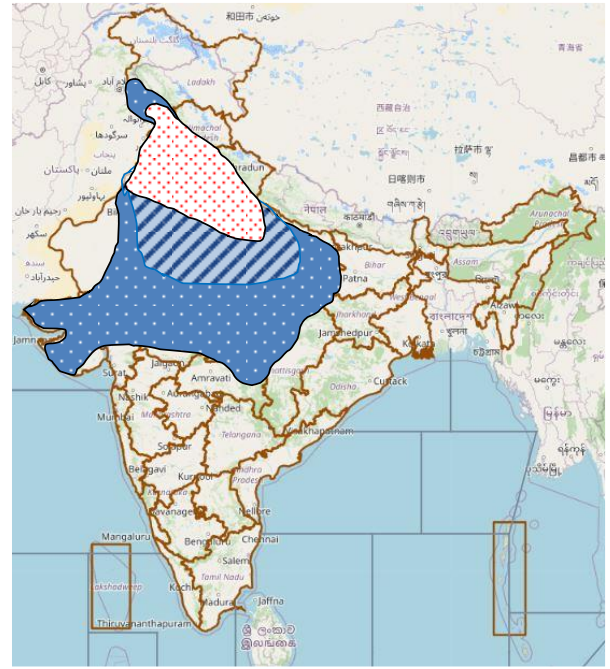


**EXTENDED RANGE OUTLOOK FOR WARM NIGHT & MINIMUM TEMPERATURES**

**Week 1: 15.05.2026- 21.05.2026**



**Week2: 22.05.2026- 28.05.2026**



**PROBABILITY OF Warm Night**

**LOW (1-33% PROBABILITY)**

**MODERATE (34-67% PROBABILITY)**

**HIGH (68-100% PROBABILITY)**

**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)**

**CONFIDENCE**



**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 Andaman & Nicobar Islands on 14<sup>th</sup>; Bihar on 16<sup>th</sup> & 20<sup>th</sup> ; Jharkhand on 17<sup>th</sup> & 18<sup>th</sup>, Odisha on 14<sup>th</sup> May.
- ❖ Isolated **Hailstorm activity** likely over North Interior Karnataka on 14<sup>th</sup> & 15<sup>th</sup>; South Interior Karnataka on 14<sup>th</sup> May.

**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 during 14<sup>th</sup>-16<sup>th</sup>, Assam & Meghalaya during 15<sup>th</sup> – 17<sup>th</sup> and on 19<sup>th</sup> & 20<sup>th</sup>; Nagaland, Manipur, Mizoram during 17<sup>th</sup> –20<sup>th</sup>, Andaman & Nicobar Islands on 14<sup>th</sup>, 15<sup>th</sup> & 18<sup>th</sup> and Sub-Himalayan West Bengal & Sikkim on 14<sup>th</sup> & 15<sup>th</sup>. Tamil Nadu, Puducherry & Karaikal during 14<sup>th</sup> - 19<sup>th</sup>, Kerala & Mahe during 14<sup>th</sup> – 17<sup>th</sup>; South Interior Karnataka during 15<sup>th</sup> - 17<sup>th</sup> May with **Isolated very heavy rainfall over** Assam & Meghalaya on 14<sup>th</sup> & 18<sup>th</sup>, Andaman & Nicobar Islands, Sub-Himalayan West Bengal & Sikkim on 16<sup>th</sup> & 17<sup>th</sup> 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 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 waterlogging problems often.
- ❖ Avoid staying in vulnerable structure.

#### **Impact expected and action suggested due to Heat wave conditions:**

- ❖ **Heat wave conditions at many places with severe heat wave conditions in isolated pockets** likely to prevail over West Rajasthan during 17<sup>th</sup> – 19<sup>th</sup> May.
- ❖ **Heat wave conditions** in isolated pockets likely to prevail over Punjab, Haryana Chandigarh & Delhi during 16<sup>th</sup> – 20<sup>th</sup> ;West Uttar Pradesh during 15<sup>th</sup> – 17<sup>th</sup> ;East Uttar Pradesh during 14<sup>th</sup> – 17<sup>th</sup> and on 20<sup>th</sup> ; West Rajasthan during 14<sup>th</sup> – 16<sup>th</sup> and on 20<sup>th</sup> East Rajasthan during 17<sup>th</sup> – 20<sup>th</sup> ; West Madhya Pradesh, Vidarbha during 14<sup>th</sup> – 20<sup>th</sup> ;East Madhya Pradesh during 15<sup>th</sup> – 20<sup>th</sup> ; Chhattisgarh during 17<sup>th</sup> – 20<sup>th</sup> ; Telangana during 15<sup>th</sup> - 18<sup>th</sup> , Konkan & Goa on 15<sup>th</sup> & 16<sup>th</sup> , Madhya Maharashtra, Gujarat Region on 14<sup>th</sup> , Marathawada, Saurashtra & Kutch on 14<sup>th</sup> & 15<sup>th</sup> ;**with scattered Heat wave conditions over** West Uttar Pradesh during 18<sup>th</sup> – 20<sup>th</sup> ; East Uttar Pradesh on 18<sup>th</sup> & 19<sup>th</sup> ; West Rajasthan during 17<sup>th</sup> -19<sup>th</sup> 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 **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**, ensure proper drainage in the fields of rice, maize, other standing crops, vegetables, and orchards. Keep the harvested cabbage, pea, mustard, late-maturing paddy & potatoes produce to safe places.
- ❖ In **Assam**, drain out excess rainwater to avoid water stagnation in the crop fields. Prioritise immediate harvesting of the mature crops and move the produce to a dry, covered warehouse during clear weather conditions. Provide mechanical support for tall crops (like banana or sugarcane) and young saplings by using bamboo sticks or poles.
- ❖ In **Meghalaya**, drain out excess rainwater from maize, ginger, vegetables and orchards. Provide staking/bamboo support to tomato plants to prevent lodging.
- ❖ In **Sub-Himalayan West Bengal**, maintain proper drainage channels in the ginger, tomato, maize, bitter gourd and Dalle Khorsani fields. Provide staking to tomato, Dalley Khorsani seedlings. Harvest mature crops at the earliest and store them safely in dry places. Protect nurseries and young seedlings against heavy rainfall with temporary covers.
- ❖ In **Andaman & Nicobar**, ensure proper drainage in coconut gardens and avoid water stagnation around basins.
- ❖ In **Kerala**, provide adequate drainage for banana, coconut, and other vegetables. Provide support to banana plants |
- ❖ In **Tamil Nadu**, maintain proper drainage to prevent water stagnation in black gram, green gram, sugarcane, and vegetable plantations.

### **Agromet advisories for likely impact of High temperatures/ Heat Waves**

- ❖ In **Rajasthan**, apply need-based irrigation to green gram and summer cucurbit crops like bottle gourd, pumpkin, smooth gourd, ridge gourd, cucumber, bitter gourd, kachra, cucumber, and summer ladyfinger, spinach, and young fruit plants like mango, amla, pomegranate, wood apple, and plum.
- ❖ In **Madhya Pradesh**, apply light irrigation to maize, *moong*, *urd*, groundnut, and vegetable crops as required.
- ❖ In **Gujarat**, apply light and frequent irrigation to cluster bean, groundnut, green gram, black gram, and vegetables such as cucumber, ridge gourd, bottle gourd, sponge gourd, and bitter gourd during morning or evening hours. Irrigate groundnut at flowering and pegging stages. In **Saurashtra and Kutch**, lightly irrigate mango orchards at suitable intervals during dry weather. Due to high temperatures, irrigate vegetable crops frequently, install 50%–75% green shade nets to protect nurseries and young plants from intense sunlight, and harvest vegetables during morning or evening hours.

- ❖ In **Maharashtra**, provide light and frequent irrigation to vegetables and orchards during morning or evening hours, with increased frequency during critical growth stages. In **Konkan**, irrigate sapota orchards every 4–5 days. Protect newly planted orchards with shade nets or palm fronds to reduce heat stress. Harvest mangoes early in the morning or late in the afternoon to avoid spongy tissue formation. In **Madhya Maharashtra, Vidarbha, and Marathwada**, irrigate sugarcane, summer groundnut, vegetables, and orchards as required; use organic or straw mulch in vegetables and orchards; cover banana bunches with leaves; and use shade nets in newly planted banana plantations.

#### **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.