

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

Press Release: Dated: 28 May 2026

Subject: Current Weather Status and Extended Range Forecast for the next two weeks (28 May to 10 June 2026)

1. Salient Observed Features for the week ending 27 May 2026:

- ❖ **Further advance of Southwest Monsoon:** The southwest monsoon further advanced into some parts of southwest Arabian Sea, some more parts of southeast Arabian Sea, Comorin area, southwest, southeast & eastcentral Bay of Bengal and most parts of Andaman Sea on 23rd May. It further advanced into some more parts of southwest & southeast Arabian Sea, some parts of Lakshadweep area, some more parts of southwest, southeast and eastcentral Bay of Bengal, remaining parts of Andaman Sea and some parts of westcentral Bay of Bengal on 27th May.
- ❖ **Last week's heat wave spell continued to prevail over North India during the week: Heat Wave to Severe Heat Wave** conditions prevailed in isolated pockets over Vidarbha during 21st – 23rd & 26th May, East Uttar Pradesh during 21st – 23rd, 26th & 27th May, East Madhya Pradesh on 21st & 26th May, Haryana-Chandigarh-Delhi, Jammu & Kashmir, Himachal Pradesh, Uttarakhand on 21st May, Chhattisgarh on 26th May, West Rajasthan on 27th May, and **Heat Wave** conditions over Punjab on 21st & 22nd May, West Uttar Pradesh, Chhattisgarh during 21st – 27th May, Odisha during 21st – 26th May, West Madhya Pradesh on 21st & 24th – 27th May, Haryana during 22nd – 27th May, Chandigarh & Delhi, Himachal Pradesh on 22nd May, East Madhya Pradesh during 22nd – 25th & 27th May, Uttarakhand on 22nd & 26th May, Coastal Andhra Pradesh & Yanam on 22nd, 25th & 26th May, Telangana during 23rd – 26th May, Jharkhand on 23rd May, Vidarbha on 24th, 25th & 27th May, East Uttar Pradesh on 24th & 25th May, West Rajasthan, Bihar during 24th – 26th May, East Rajasthan on 26th May.
- ❖ **Extremely heavy rainfall** recorded at isolated places over Kerala & Mahe on 22nd May, Assam & Meghalaya on 24th May. **Heavy to Very Heavy Rainfall** recorded at isolated places over Bihar on 21st & 26th May, Assam & Meghalaya on 22nd, 23rd & 26th May, Sub-Himalayan West Bengal & Sikkim on 23rd May, Coastal Karnataka on 24th May, Kerala & Mahe on 25th May. **Heavy rainfall** recorded at isolated places over Sub-Himalayan West Bengal & Sikkim on 21st, 22nd, 24th & 25th May, Bihar during 22nd – 24th May, Rayalaseema on 22nd & 27th May, South

Interior Karnataka on 22nd & 26th May, Tamil Nadu, Puducherry & Karaikal on 22nd & 25th – 27th May, Nagaland, Manipur, Mizoram & Tripura on 23rd, 24th & 26th May, Arunachal Pradesh on 23rd & 24th May, North Interior Karnataka on 24th, 26th & 27th May, Konkan & Goa, Kerala & Mahe on 24th May, Assam & Meghalaya on 25th May, Lakshadweep on 26th May, Telangana, Coastal Andhra Pradesh & Yanam on 27th May.

- ❖ **Hailstorm** recorded at isolated places over South Interior Karnataka on 22nd & 27th May; Uttarakhand on 23rd, 24th & 27th May, Himachal Pradesh on 23rd May, Jammu-Kashmir on 25th & 26th May, West Madhya Pradesh, Madhya Maharashtra, Telangana on 26th May, Marathwada on 27th May.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds** prevailed at isolated places over Uttarakhand on 21st & 23rd – 26th May, Punjab during 21st – 24th & 27th May, Haryana on 21st – 25th & 27th May, West Uttar Pradesh, Tamil Nadu, Puducherry & Karaikal on 21st, 22nd, 24th – 27th May, Madhya Maharashtra, West Madhya Pradesh during 21st – 27th May, Sub-Himalayan West Bengal & Sikkim on 21st & 24th – 27th May, Gangetic West Bengal on 21st & 25th – 27th May, Jharkhand on 21st & 23rd – 27th May, Odisha during 21st – 24th, 26th & 27th May, Andaman & Nicobar Islands on 21st & 27th May, Coastal Andhra Pradesh & Yanam 21st, 22nd, & 24th – 27th May, North Interior Karnataka on 21st May, Assam & Meghalaya, Bihar during 22nd – 24th, 26th & 27th May, South Interior Karnataka on 22nd May, Marathwada on 22nd & 24th – 26th May, Saurashtra & Kutch on 22nd, 24th, 26th & 27th May, East Madhya Pradesh during 22nd – 27th May, East Uttar Pradesh on 22nd, 24th – 27th May, Jammu-Kashmir on 22nd, 23rd & 26th May, Himachal Pradesh on 23rd & 24th May, Nagaland, Manipur, Mizoram & Tripura on 23rd, 24th, 26th & 27th May, Telangana, on 23rd & 25th – 27th May, Arunachal Pradesh, Konkan & Goa on 24th May, Rayalaseema on 25th & 27th May, Vidarbha, Gujarat Region on 26th & 27th May, Chhattisgarh on 26th May;.
- ❖ **Weekly Average Maximum temperature** was above normal by 1-3°C over parts of north, northwest and central India, and 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, 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 **26th May, 2026** and the highest maximum temperature of **47.6°C** had been recorded at **Banda (Uttar Pradesh) on 21st and 25th May, Bramhapuri (Maharashtra) on 25th May, 2026** over the plains of the country during the week.

❖ **Analysis of weekly overall rainfall distribution during the week ending on 27 May and the Pre-Monsoon Season’s Rainfall Scenario (01.03.2026 to 27.05.2026):** The country as a whole, the weekly cumulative All India Rainfall (ending on 27 May) in % departure from its long period average (LPA) is -3%. All India Seasonal cumulative rainfall % departure during this year’s Pre-Monsoon Season Rainfall (01.03.2026 to 27.05.2026) 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		
	21.05.2026 TO 27.05.2026			01.03.2026 TO 27.05.2026		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
EAST & NORTHEAST INDIA	48.3	47.5	2%	360.8	342.4	5%
NORTHWEST INDIA	4.2	8.1	-48%	98.6	109.9	-10%
CENTRAL INDIA	1.2	4.9	-75%	36.1	32.6	11%
SOUTH PENINSULA	25.7	16.4	57%	110.5	109.4	1%
THE COUNTRY AS A WHOLE	14.4	14.9	-3%	121.7	120.8	1%

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 7 with an amplitude greater than 1. It is likely to remain in the same phase, with the amplitude remaining greater than 1 throughout the forecast period.

3. Forecast for the next two weeks

Weather systems & associated Precipitation during Week 1 (28 to 03 June) and Week 2 (04 to 10 June 2026)

Weather systems & associated Precipitation during Week 1 (28 to 03 June 2026):

- ❖ Conditions likely to become favorable for further advance of Southwest Monsoon over the remaining parts of the South Arabian Sea, some parts of extreme south Peninsular India, most parts of Southwest Bay of Bengal, remaining parts of Southeast Bay of Bengal, some more parts of Central Bay of Bengal, some parts of Northeast Bay of Bengal, and Northeast India.
- ❖ The upper air cyclonic circulation over Punjab & neighbourhood now lies over northwest Uttar Pradesh & neighbourhood at 1.5 km above mean sea level.
- ❖ The upper air cyclonic circulation over central parts of Uttar Pradesh & neighbourhood now lies north Jharkhand & neighbourhood at 0.9 km above mean sea level.
- ❖ The trough now runs from the cyclonic circulation over northwest Uttar Pradesh & neighbourhood to north Coastal Andhra Pradesh across the cyclonic circulation over north Jharkhand & neighbourhood & Odisha extending upto 1.5 km above mean sea level.
- ❖ The trough in westerlies with its axis at 5.8 km above mean sea level now runs roughly along Long. 90°E to the north of Lat. 21°N.
- ❖ The upper air cyclonic circulation over central Assam & neighbourhood persists & now seen at 3.1 km above mean sea level.
- ❖ The upper air cyclonic circulation over Southeast Arabian Sea & neighbourhood persists & now extends upto 5.8 km above mean sea level.
- ❖ The upper air cyclonic circulation over Eastcentral & Southeast Bay of Bengal persists & now seen between 1.5 & 7.6 km above mean sea level.

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

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 on 28th May.
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh, Assam & Meghalaya on 28th May and during 01st – 3rd June; Nagaland, Manipur, Mizoram & Tripura on 28th May and during 31st May- 3rd June.

South Peninsular India:

- ❖ **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Interior Karnataka 28th– 30th, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Lakshadweep

and Telangana during 28th May-1st June; Coastal Andhra Pradesh & Yanam during 31st May-1st June; Rayalaseema during 30th -31st May.

- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over North Interior Karnataka on 28th & 29th May; Rayalaseema, Coastal Andhra Pradesh & Yanam during 28th -30th May.
- ❖ **Isolated heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 28th -31st May; Kerala & Mahe during 28th -29th May and during 1st -3rd June; Lakshadweep during 1st-3rd June; South Interior Karnataka on 28th May.

East India:

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Andaman & Nicobar Islands during 28th May-03rd June; Sub-Himalayan West Bengal & Sikkim on 28th & 29th May
- ❖ **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Gangetic West Bengal on 30th May; Jharkhand, Odisha during 01st – 3rd June; Bihar on 31st May & 01st June;
- ❖ **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely over Gangetic West Bengal on 28th; Bihar on 29th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Gangetic West Bengal on 29th May; Jharkhand, Odisha during 28th-31st May; Bihar on 28th & 30th May.
- ❖ **Isolated heavy rainfall likely over Andaman & Nicobar Islands during 29th-31st May; Gangetic West Bengal on 28th; Bihar on 29th; Odisha during 28th-30th May.**

Northwest India:

- ❖ **Scattered to fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Jammu-Kashmir on 30th May; Himachal Pradesh on 28th & 29th May; Uttarakhand during 28th – 30th May.
- ❖ **Scattered to fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over East Uttar Pradesh on 31st May; West Rajasthan during 31st May- 02nd June; East Rajasthan during 31st May – 03rd June.
- ❖ **Thundersquall (wind speed reaching 80-90 kmph gusting to 100 kmph) likely** over West Uttar Pradesh on 29th May
- ❖ **Thundersquall (wind speed reaching 70-80 kmph gusting to 90 kmph)** likely over Punjab, Haryana Chandigarh & Delhi on 28th & 29th; West Uttar Pradesh on 28th; East Uttar Pradesh on 29th May.

- ❖ **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely East Uttar Pradesh on 28th; West Rajasthan on 29th; East Rajasthan on 29th & 30th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jammu-Kashmir on 28th & 29th; Punjab, Haryana Chandigarh & Delhi, Uttar Pradesh on 30th; Rajasthan on 28th May.
- ❖ **Isolated heavy rainfall** likely over Uttarakhand, West Uttar Pradesh on 29th; Punjab, Haryana, Chandigarh on 29th & 30th May.
- ❖ **Isolated Hailstorm activity** likely over Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh on 28th & 29th May and East Uttar Pradesh, Rajasthan on 29th May.
- ❖ **Duststorm** very likely at isolated places over Uttar Pradesh and Rajasthan on 28th & 29th May.

Central India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over West Madhya Pradesh 28th May – 01st June; East Madhya Pradesh, Vidarbha 28th May, – 1st June; during Chhattisgarh 01st June;
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over West Madhya Pradesh during 29th – 31st May; East Madhya Pradesh on 29th & 30th; Chhattisgarh during 28th – 31st May.
- ❖ **Isolated heavy rainfall** likely over West Madhya Pradesh on 31st May.
- ❖ **Isolated Hailstorm activity** likely over Madhya Pradesh on 29th & 30th May; Chhattisgarh on 28th May.

West India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Konkan & Goa during 31st May – 03rd June; Madhya Maharashtra; Marathawada on 28th and during 31st May – 03rd June; Coastal areas of Gujarat state during 29th – 03rd June.
- ❖ **Isolated heavy rainfall** likely over Gujarat Region during 31st May – 2nd June.

Weather systems & associated Precipitation during Week 2 (04 to 10 June 2026):

- ❖ Conditions likely to become favorable for further advance of Southwest Monsoon over some more parts of South Peninsula, & Northeast India, most parts of Eastcentral, & Northeast Bay of Bengal, some more parts of Westcentral Bay of Bengal, and some parts of central Arabian Sea, during the week.
- ❖ A feeble Western disturbance is likely to impact the western Himalayan region during the week.

- ❖ An upper air cyclonic circulation is likely to form over the north-east Arabian Sea and the adjoining west coast 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 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 precipitation with thunderstorm activity likely over East and Northeast India during some 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 rainfall is likely over the Konkan & Goa, Coastal Karnataka, and Kerala during some days of the week.
- ❖ Overall, rainfall is likely to be below normal over the entire country except Northeast India, where it will be near normal during the week (Annexure III).

Temperature forecast for Week 1 (28 to 03 June) and Week 2 (04 to 10 June 2026)

Temperature forecast for Week 1 (28 to 03 June):

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

- ❖ **Day/Maximum Temperatures (as on 27-05-2026):** Yesterday, Maximum temperatures were in the range of 43-47°C over parts of Northwest India, central India, adjoining Uttar Pradesh, east and north Peninsular India and 40-43°C over rest parts of the country except parts of Northeast India, Western Himalayan region and west south peninsular India. **The highest maximum temperature of 48.2°C was reported at SRIGANGANAGAR (RAJASTHAN).**
- ❖ **Day/Maximum Temperature Departures (as on 27-05-2026):** Yesterday, **markedly above normal (> 5.1°C)** at few places over Himachal Pradesh and East Madhya Pradesh; at isolated places over East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Jammu-Kashmir Ladakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, East Rajasthan, West Madhya Pradesh and Coastal Andhra Pradesh & Yanam. **appreciably above normal (3.1°C to 5.0°C)** at most places over Punjab; at few places over Arunachal Pradesh; at isolated places over Assam & Meghalaya, Gangetic West Bengal, Jharkhand, Bihar, Konkan & Goa, Vidarbha and Tamil Nadu, Puducherry & Karaikal. **above**

normal (1.6°C to 3.0°C) at many places over Chhattisgarh; at few places over Nagaland, Manipur, Mizoram & Tripura, Uttarakhand, Gujarat Region, Saurashtra & Kutch and Lakshadweep; at isolated places over Odisha and Madhya Maharashtra. **near normal (-1.5°C to 1.5°C)** at many places over Andaman & Nicobar Islands and Kerala & Mahe; at most places over Coastal Karnataka; at few places over Sub Himalayan West Bengal & Sikkim, Marathwada and Telangana; at isolated places over Rayalaseema and North Interior Karnataka.

- ❖ **Night Temperatures/Minimum temperatures (as on 28-05-2026)** were **appreciably above normal (3.1°C to 5.0°C)** over East Rajasthan, Jammu-Kashmir-Ladakh, West Madhya Pradesh. **above normal (1.6°C to 3.0°C)** Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal, Madhya Pradesh, East Rajasthan, Uttar Pradesh, Punjab, Himachal Pradesh, Uttarakhand, West India and below normal or near normal over rest parts of the country.

Forecast of maximum/day temperatures:

- ❖ **Gradual fall** in maximum temperatures **by 6-8°C** likely over Northwest India **during 28th - 30th May and gradual rise by 4-6°C during 31st May-03rd June.**
- ❖ No significant change in maximum temperatures likely over Central India till 28th May and gradual fall by 3-5°C during 29th May-03rd June
- ❖ **Gradual fall** in maximum temperatures **by 2-3°C** likely over East India till 31st May and gradual rise by 2-3°C during 01st- 3rd June.
- ❖ No significant change in maximum temperatures likely over Madhya Maharashtra State till 29th May and gradual fall by 2-3°C during 30th May-03rd June.
- ❖ No significant change in maximum temperatures likely over south peninsular India till 28th May and gradual fall by 3-5°C during 29th st May-03rd June.
- ❖ No significant change in maximum temperatures likely over the rest parts of country till 03rd June 2026.

Heat Wave, Hot & Humid weather and Warm Night conditions warning:

- ❖ **Heat wave conditions** very likely in isolated pockets over Chhattisgarh, Gujarat Region, Haryana Chandigarh & Delhi, Punjab, West Madhya Pradesh and West Uttar Pradesh on 28th May; West Rajasthan on 30th May; East Madhya Pradesh and Vidarbha on 29th May; Coastal Andhra Pradesh & Yanam during 28th -29th May; Telangana during 29th -30th May; with **severe heat wave conditions** also likely in isolated pockets over West Rajasthan during 28th -29th May; East Madhya Pradesh, East Rajasthan and Vidarbha on 28th May.
- ❖ Hot and humid weather conditions likely to prevail over Odisha during 28th-31st May; Gujarat Region and Konkan & Goa on 28th May; Rayalaseema and

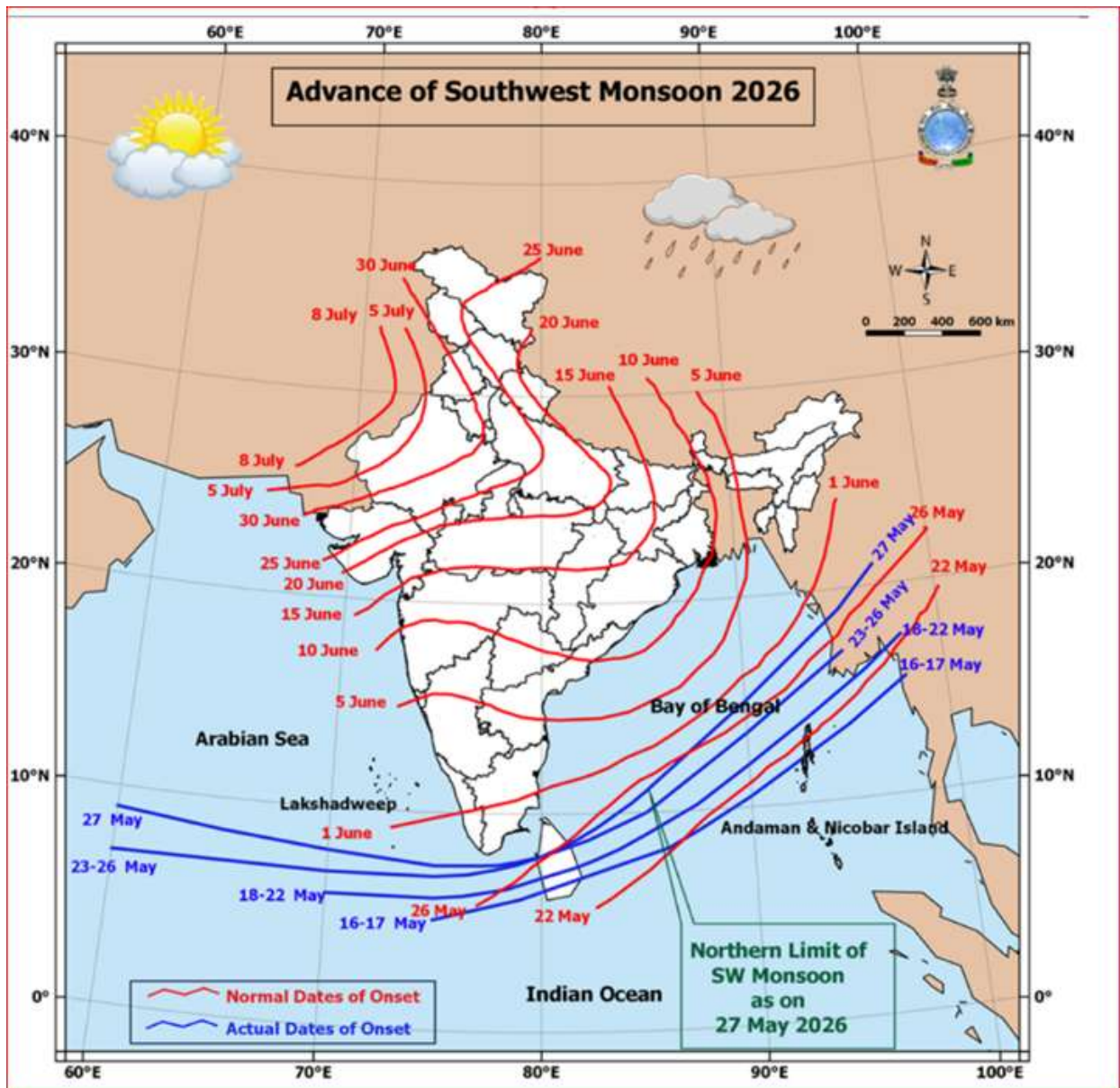
Tamil Nadu, Puducherry & Karaikal during 28th -29th May; Coastal Andhra Pradesh & Yanam during 30th May-1st June.

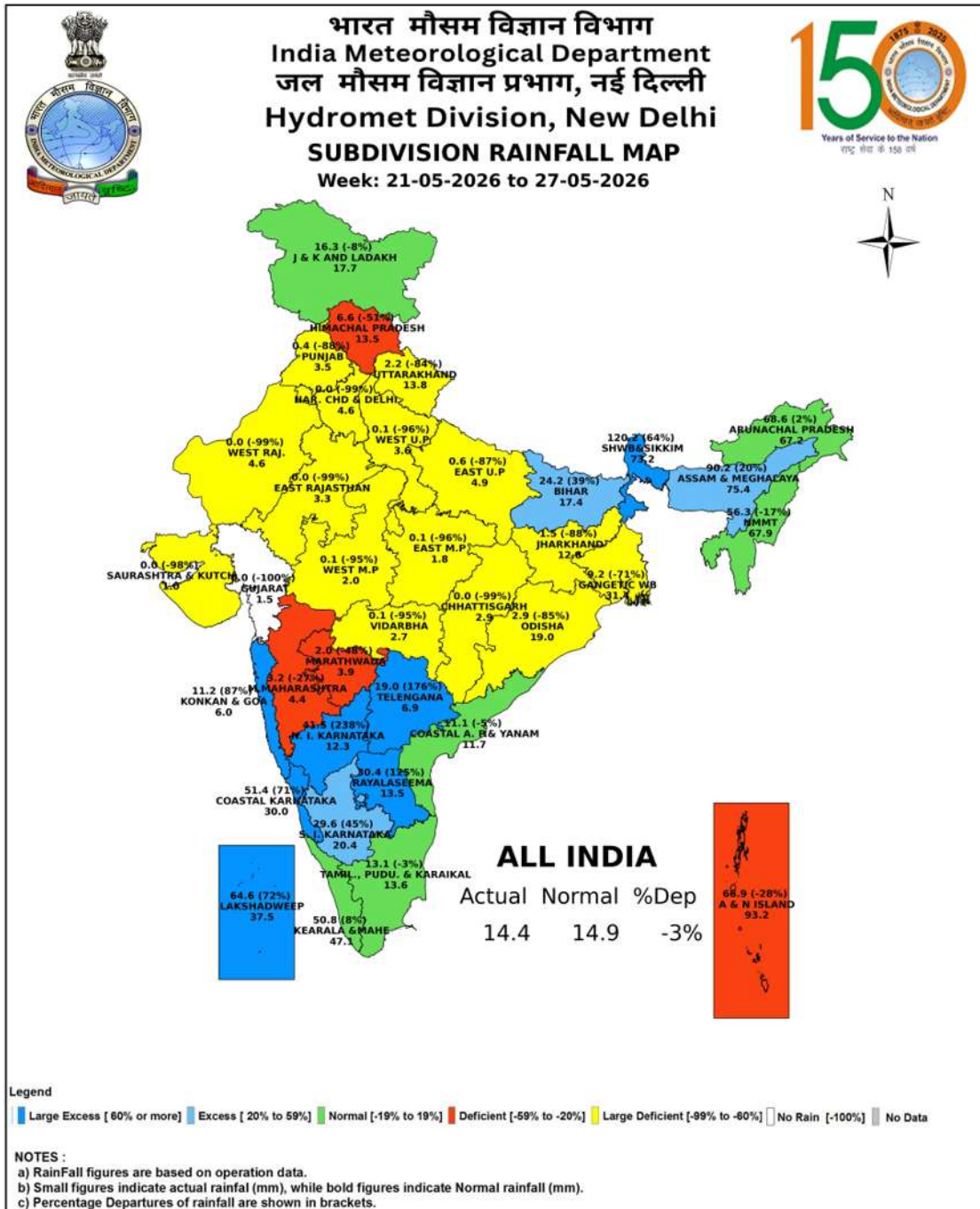
- ❖ Warm Night conditions very likely to prevail in isolated pockets over Vidarbha on 28th May.

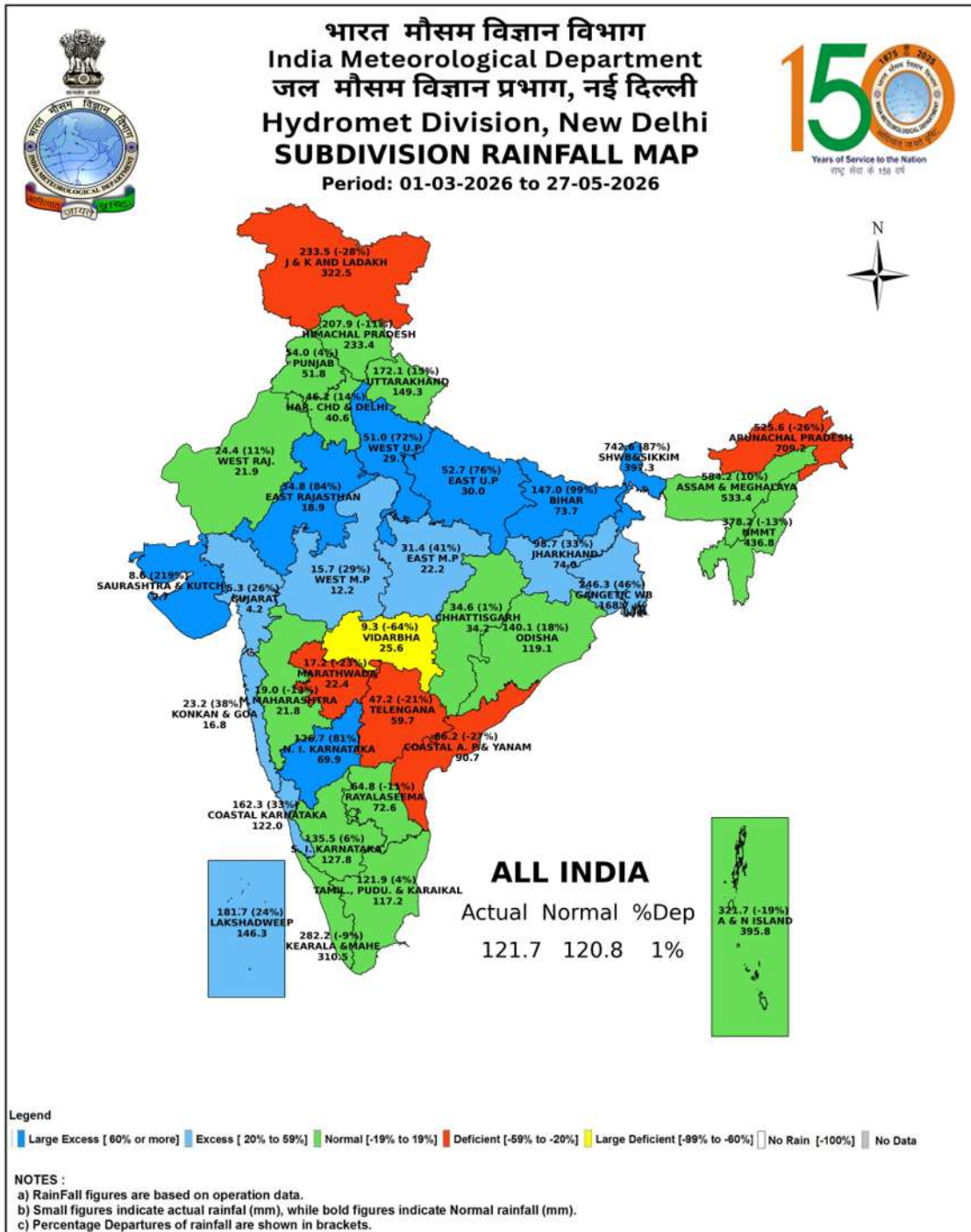
Temperature forecast for Week 2 (04 to 10 June 2026):

- ❖ **Low probability of Heatwave conditions** likely over some parts of northwest India (Rajasthan, south Punjab, south Haryana, south Uttar Pradesh) during 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 over some parts of East India (Bihar, Gangetic West Bengal & Odisha). 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 East India (Bihar, Gangetic West Bengal, Jharkhand, and Odisha) on some days of week 2, and Near-normal weekly minimum temperatures are likely across the rest of the country.

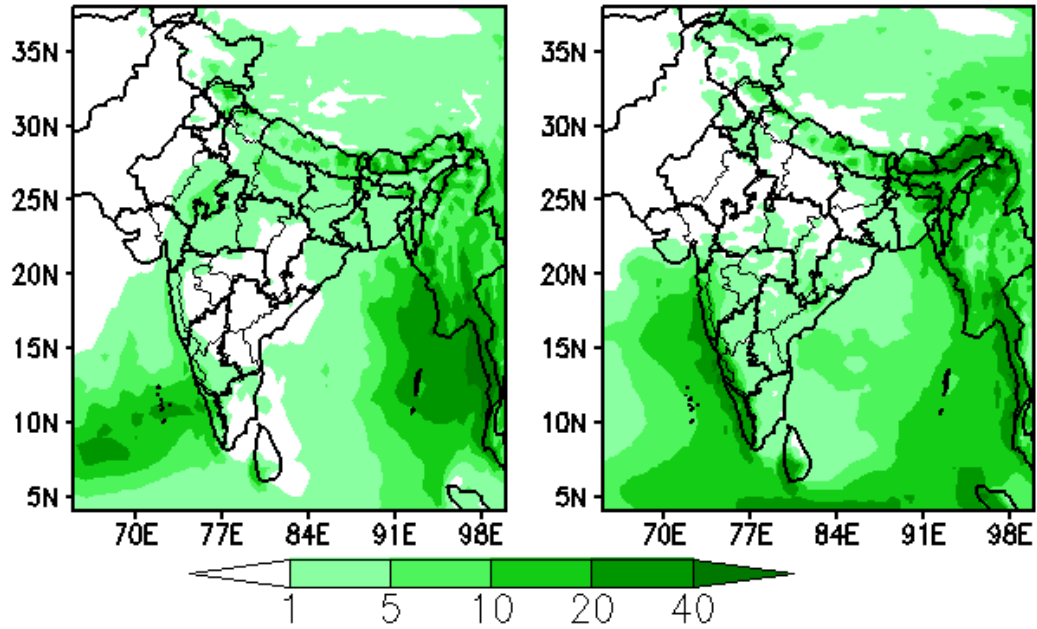
Advisories for likely impact and actions suggested for Heavy Rainfall/ High temperatures/ Heat Waves are provided in Annexure-VIII.



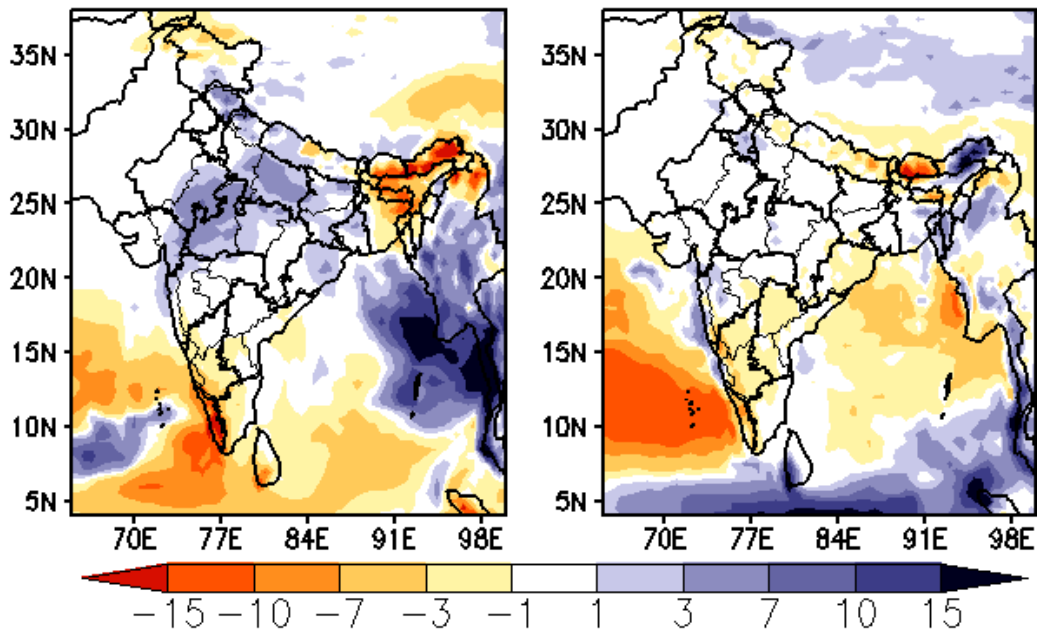




Forecast Rainfall (mm/day) (00Z=0530 hrs IST)
(Week1:00Z28May-00Z04Jun) (Week2:00Z04Jun-00Z11Jun)



Forecast Rainfall Anomaly (mm/day) (00Z=0530 hrs IST)
(Week1:00Z28May-00Z04Jun) (Week2:00Z04Jun-00Z11Jun)

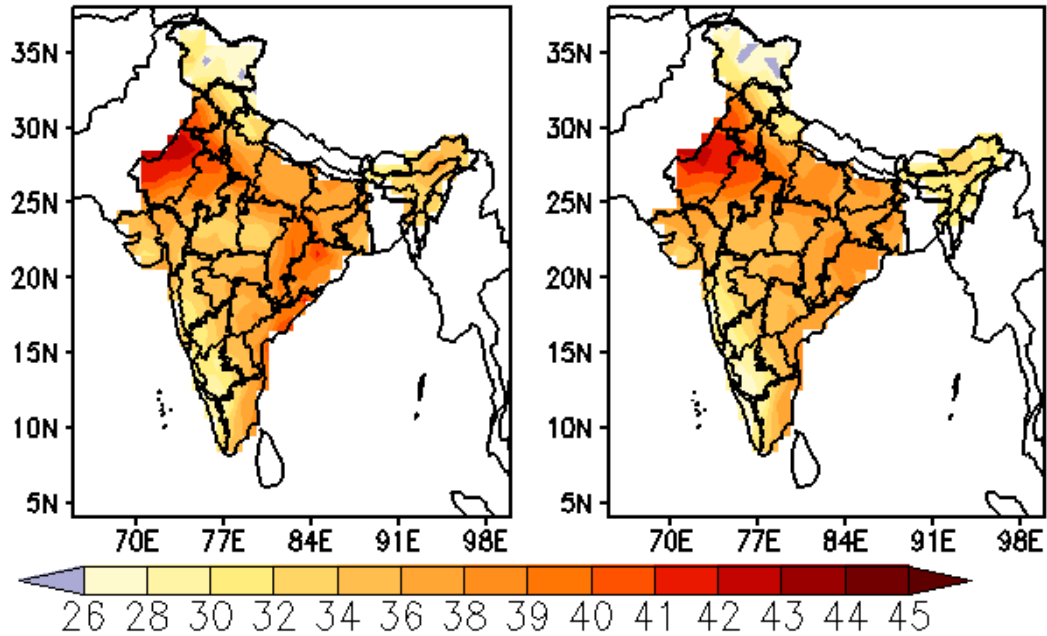


Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME

MME Bias corrected forecast Tmax (Deg C)

(Week1: 29May-04Jun)

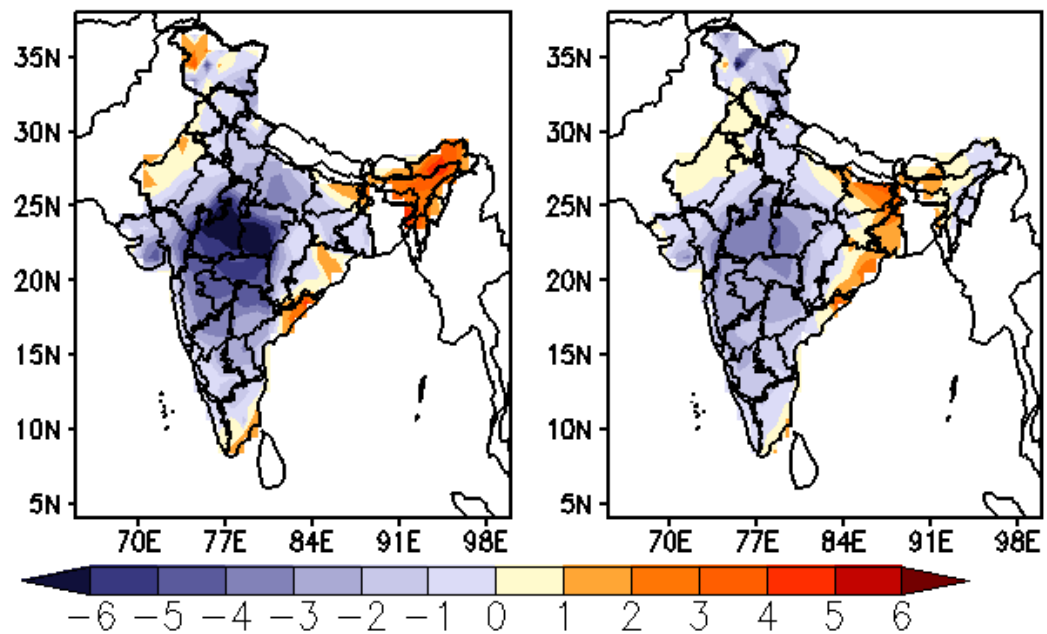
(Week2: 05Jun-11Jun)



MME forecast Tmax anomaly (Deg C)

(Week1: 29May-04Jun)

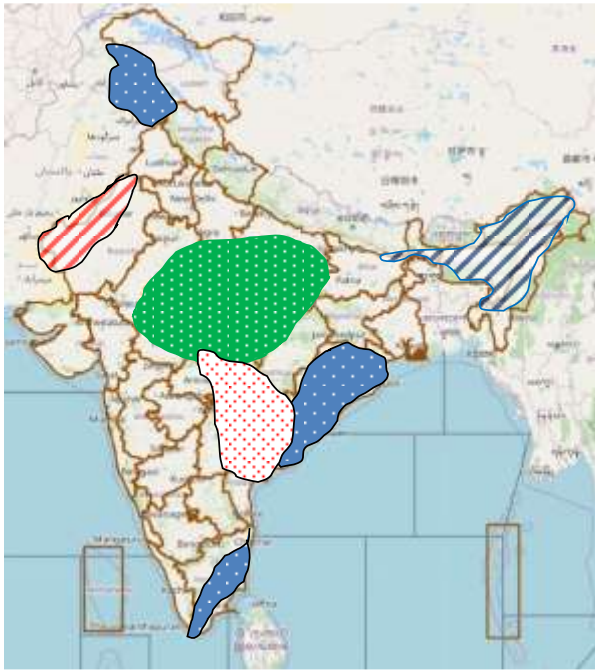
(Week2: 05Jun-11Jun)



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: 29.05.2026- 04.06.2026



Week2: 05.06.2026- 11.06.2026



PROBABILITY OF HEATWAVE

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

CONFIDENCE

- 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)**



EXTENDED RANGE OUTLOOK FOR WARM NIGHT & MINIMUM TEMPERATURES

Week 1: 29.05.2026- 04.06.2026



Week2: 29.05.2026- 04.06.2026

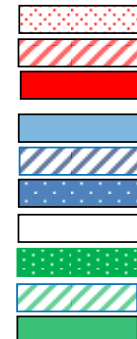


PROBABILITY OF Warm Night

- 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

- ❖ Moderate to Severe Thunderstorm activity with squally wind speed likely over Northwest India, Central India and East India during 28th – 31st May.
- ❖ **Isolated Hailstorm activity** likely over Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh on 28th & 29th May and East Uttar Pradesh, Rajasthan on 29th ; Madhya Pradesh on 29th & 30th May; Chhattisgarh on 28th 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.
- 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, Assam & Meghalaya on 28th May and during 01st – 3rd June; Nagaland, Manipur, Mizoram & Tripura on 28th May and during 31st May- 3rd June; Tamil Nadu, Puducherry & Karaikal during 28th -31st May; Kerala & Mahe during 28th -29th May and during 1st -3rd June; Lakshadweep during 1st-3rd June; South Interior Karnataka on 28th May; Andaman & Nicobar Islands during 29th-31st May; Gangetic West Bengal on 28th; Bihar on 29th; Odisha during 28th -30th May; Uttarakhand, West Uttar

Pradesh on 29th; Punjab, Haryana, Chandigarh on 29th & 30th May; West Madhya Pradesh on 31st May; Gujarat Region during 31st May – 2nd 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/ severe heat wave conditions:

- ❖ Heat wave to severe heat wave conditions likely to continue over parts of Central India during next 48 hours & over Northwest India during next 24 hours and abate thereafter.

Red alert Areas

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

Orange alert Areas

- High temperature & increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work.
- High health concern for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure– keep cool. Avoid dehydration.

- Drink sufficient water- even if not thirsty.
- Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.

Yellow alert Areas

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

Agromet advisories for likely impact of Hailstorms

- In **Himachal Pradesh, Uttarakhand, Punjab, Haryana, West Uttar Pradesh, Madhya Pradesh, Bihar** and **Chhattisgarh** 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 **Andaman & Nicobar**, postpone irrigation, intercultural operations and application of plant protection measures & fertilizers to the standing crops. Provide adequate drainage in standing-crop fields to prevent waterlogging.
- 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**, 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.
- **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.
- **Tripura** – undertake harvesting of mature Boro rice immediately and shift the harvested produce to a safe and dry place for storage.
- **Bihar**, withhold irrigation in standing crops. Prepare paddy nursery fields with proper drainage arrangements.
- 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 **South Interior 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 the regions expecting heavy rainfall, including **Uttarkhand, Haryana, West Uttar Pradesh, Gangetic West Bengal, Odisha and Punjab**, withhold irrigation in standing crops, make necessary arrangements to remove excess rainwater from the crop fields.

Agromet advisories for likely impact of High temperatures/ Heat Waves

- In **Punjab**, apply light and frequent irrigation to vegetable, moong fruit plants orchards and onion nurseries.
- In **Haryana**, maintain adequate irrigation in standing sugarcane, cotton and summer fodder crops. Complete paddy nursery preparation with assured irrigation facilities and adopt mulching/moisture conservation practices to reduce water stress in newly sown crops
- In **West Uttar Pradesh**, provide frequent irrigation and mulching for standing crops such as maize, green gram, black gram, sugarcane, sunflower, vegetables, and fruit plants such as mango, banana, and papaya.
- In **Rajasthan**, apply need-based irrigation to green gram and summer cucurbit crops such as bottle gourd, pumpkin, ridge gourd, cucumber, bitter gourd, and summer ladyfinger, as well as to young fruit plants such as mango, amla, pomegranate, wood apple, and plum. Undertake soil mulching/mulching with straw/polythene to reduce water loss by evaporation.
- In **Madhya Pradesh**, apply light irrigation to maize, *moong*, *urd*, groundnut, and vegetable crops as required.

- In **Chhattisgarh** - Apply light irrigation after weeding and hoeing in *rabi* maize, banana, and papaya plantations. Complete harvesting of wheat and chickpea, and ensure safe storage.
- **Maharashtra** - In **Konkan**, irrigate green gram, vegetables, and newly planted arecanut and coconut. Use straw mulch in vegetable and orchard crops to reduce evaporation, and install shade nets for newly planted crops.
- In **Telangana**, provide irrigation to mango orchards and vegetable crops, as required.
- In **Coastal Andhra Pradesh**, apply light irrigation to summer crops and vegetables to maintain soil moisture. Apply mulching to conserve 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 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.