

**UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &
INDIAN METEOROLOGICAL DEPARTMENT**



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Date:24-06-2025

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

| Parameter | 21.06.2025 | 22.06.2025 | 23.06.2025 | 24.06.2025 |
|---|-------------------|-------------------|-------------------|-------------------|
| Rainfall (mm) | 0.5 | 1 | 34.5 | - |
| Max. Temp. (°C) | 26.9 | 27.3 | 26.9 | 25.1 |
| Min. Temp. (°C) | 19.2 | 19.8 | 19.2 | 20.4 |
| Sky condition (Octas) | - | - | - | - |
| Relative humidity (%) 0830 hours | 97 | 98 | 100 | 98 |
| Relative humidity (%) 1730 hours | 97 | 97 | 100 | 97 |
| Wind Speed (km/h) | - | - | - | - |
| Wind Direction | - | - | - | - |

Weather forecast for the next five days (From 25-06-2025 to 29-06-2025)

| Parameter | 25.06.2025 | 26.06.2025 | 27.06.2025 | 28.06.2025 | 29.06.2025 |
|---|--|--|--|--|---|
| Rainfall (mm) | 18 | 16 | 16 | 15 | 12 |
| Max. Temp. (°C) | 25 | 25 | 25 | 24 | 25 |
| Min. Temp. (°C) | 20 | 20 | 20 | 20 | 21 |
| Sky condition (Octas) | 7 | 7 | 7 | 7 | 6 |
| Relative humidity (%) 0830 hours | 97 | 98 | 97 | 97 | 96 |
| Relative humidity (%) 1730 hours | 84 | 84 | 83 | 80 | 79 |
| Wind Speed (kmph) | 8 | 8 | 6 | 6 | 6 |
| Wind Direction | 253 | 251 | 242 | 249 | 254 |
| Weather warning | Heavy rain with sustained wind (40-50 kmph) likely to occur at one or two places | Heavy rain with sustained wind (40-50 kmph) likely to occur at one or two places | Heavy rain with sustained wind (40-50 kmph) likely to occur at one or two places | Heavy rain with sustained wind (40-50 kmph) likely to occur at one or two places | Moderate rain with sustained wind (40-50 kmph) likely to occur at many places |

* GW/R+++ - Gusty wind with extremely heavy rainfall, GW/R+ - Gusty wind with heavy rainfall, TSH - Thunderstorm

Forecast Summary

As forecast received from IMD, cloudy sky with **moderate to heavy rainfall** may be expected from 25.06.2025 to 29.06.2025 in Kodagu district. The day temperature is expected to be 24-25°C & night temperature is expected 20-21°C. The relative humidity in the morning hours is expected to be 96-98% & afternoon relative humidity is expected to be in the range of 79-84%. Wind speed expected to be 6-8 km/ hr.

SMS Advisory

Light to moderate rain expected next 5 days. Ensure field drainage, delay fertilizer use, stake banana, monitor pests. Keep livestock shelters dry.

General Advisory

- Very heavy rainfall is expected in the initial days; avoid field operations such as sowing, spraying, or fertilizer application during this period.
- Ensure all fields have proper drainage to prevent waterlogging, especially in paddy, vegetable, and spice crops.
- High humidity levels can promote fungal and bacterial diseases in most crops; apply protective fungicides during dry intervals.
- With sufficient rain forecast, irrigation should be paused; prioritize water conservation through harvesting and storage.
- Support tall and vulnerable crops like banana and pepper with physical props to prevent lodging due to wind and wet soil.
- Harvest mature fruits and vegetables ahead of heavy rain to minimize post-harvest losses and disease.
- Regularly inspect crops for pest and disease symptoms and take appropriate control measures in clear weather.
- Avoid fertilizer application during continuous rainfall; wait for dry, workable soil conditions.
- Keep livestock protected from wet and slippery conditions and ensure clean, safe drinking water is available.
- Strengthen field bunds, terraces, and water harvesting structures to prevent erosion and maximize water use efficiency.

Recommendations to the farmers:-

| Crop | Pest/Disease | Damage symptoms | Control measures |
|--|--------------|-----------------|------------------|
| Crops and Suitable Varieties for Sowing in May | | | |
| Paddy (Rice) | | | |
| <ul style="list-style-type: none"> • General Sowing: MSN-99 • Late June (3rd-4th week): BR-2655, Jaya • Aerobic Paddy: Daksha (KMP-175), Onnasiri (MAS-26), Sharada (MAS-946), Anagha (ARB-6), Rashi | | | |
| Ragi (Finger Millet): Indaf-8, MR-1, MR-6, L-5, KMR-301, GPU-45, KMR-316 | | | |
| Maize (Shaktiman Maize): CSH-5, CSH-9 | | | |
| Pearl Millet (Musuku Jola): Hema, Nithyashree, MAH-14-5, MAH-14-138, MAH-15-84 | | | |
| Popcorn: Amber | | | |
| Bajra (Pearl Millet): WCC-75, PHVB-910 | | | |
| <ul style="list-style-type: none"> • Late June (3rd-4th week): ICTP-8203, SMV-221, MH-946 (GHB-558) | | | |
| Foxtail Millet (Navane): PS-4, SIA-326, GPUF-3 | | | |
| Horsegram (Haraka): RBK-155, GPUK-3 | | | |
| Little Millet (Same): CO-2, OLM-203, GPUL-6, GPUL-11 | | | |
| Proso Millet (Oodalu): DHBM-93-3 | | | |
| Kodo Millet (Korale): GPUBT-2 | | | |
| Red Gram (Pigeon Pea / Togari): BRG-1, BRG-2, BRG-3, BRG-4, BRG-5, ICP-7035, TTB-7, Hyderabad-3C | | | |
| Groundnut (Nelekadale): GKVK-5, KCG-6 (Chintamani-6), GPBD-4, ICGV-91114, JL-24, TMV-2, GKVK-27 | | | |
| Sunflower: KBSH-41, 90, 44, 53, 78, 85 | | | |

Soybean (Soya Avare): MAUS-2 (Pooja), Karune (vegetable soybean), KBS-23

Cotton: DCS-9 (Jyoti), 48-1 (Jwala)

- **Hybrid Varieties:** DCH-177, GCH-4, 30.N.23-66

Sesame (Hucchellu) - 4th week of June: KBN-1, No.71, KBN-2, 52: 2.2-62175, 2.2-86032, 2.2.A.2-18061

Horticultural Crops

- **Vegetables:** Tomato, Potato, Brinjal, Chilli, Cabbage, Radish, Knol-khol, Carrot, Onion
- **Fruits:** Mango, Banana, Lime, Guava, Sweet lime, Sapota, Papaya, Pomegranate, Pineapple, Cashew
- **Spices:** Garlic, Ginger, Turmeric, Cardamom

Fodder Crops

- **Sorghum (Fodder Maize):** JS-SF-3
- **Cowpea (Fodder):** MF-09-01, MF-08-14, 2-09-03
- **Napier-Bajra Hybrid Grass:** PBN-342

Weather-Based Crop Stage Advisory (Kodagu Region)

| Crop | Stage | Advisory |
|-------------|----------------------------------|--|
| Coffee | Berry formation | High humidity and rainfall may cause berry borer and fungal infections. Ensure good drainage and consider preventive fungicide application on rain-free days. Avoid water stagnation near root zone. |
| Pepper | Vegetative / Climbing | Train vines properly and provide adequate support. Ensure drainage in pepper gardens. High humidity may favor quick wilt or anthracnose — monitor and take prophylactic measures. |
| Cardamom | Vegetative | Excess moisture may promote fungal leaf diseases. Avoid water stagnation. Conduct weeding and fertilizer application on non-rainy days. Maintain shade and ventilation. |
| Paddy | Vegetative / Tillering | Ensure fields are well-drained to avoid waterlogging. Avoid topdressing during heavy rain; do it during clear sky periods. Monitor for stem borer and leaf blast due to humidity. |
| Vegetables | Flowering / Fruiting | Avoid irrigation; excess water can cause blossom end rot or fruit cracking. Stake tall plants to prevent lodging due to gusty winds. Schedule pesticide/fungicide sprays during dry spells. |
| Ginger | Vegetative / Rhizome development | Ensure drainage to prevent soft rot or rhizome rot. Provide mulching to retain moisture and reduce splash-borne diseases. Monitor for shoot borer. |
| Arecanut | Vegetative | Provide drainage in basins. Watch for spindle bug and inflorescence rot. Avoid fertilizer application during heavy rain; apply during dry hours. |
| Banana | Vegetative / Bunch development | Provide propping to prevent lodging due to wind. Maintain drainage and apply potassium-based fertilizers during dry spells to aid bunch development. Avoid excess irrigation. |

| Category | Advisory |
|-----------------|--|
| Livestock | Provide clean and fresh drinking water regularly due to moderate temperatures. Ensure well-ventilated, dry, and shaded shelters to protect animals from humidity and mild rainfall. Monitor animals for signs of respiratory issues due to humid conditions. |
| Poultry | Keep poultry sheds dry and well-ventilated. Avoid overcrowding to reduce stress and |

disease risk during humid and rainy days. Provide clean water and balanced feed during cooler morning and evening hours. Maintain hygiene to prevent fungal and bacterial infections.

Block level weather forecast (From 25-06-2025 to 29-06-2025)

Madikeri

| Parameter | 25.06.2025 | 26.06.2025 | 27.06.2025 | 28.06.2025 | 29.06.2025 |
|----------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 8.5 | 12.3 | 11.3 | 10.5 | 7.2 |
| Max. temp (°C) | 21.6 | 22.6 | 22.7 | 22.9 | 22.6 |
| Min.Temp (°C) | 19.5 | 19.2 | 19.2 | 19.2 | 19 |
| Sky condition (Octas) | 8 | 7 | 7 | 8 | 8 |
| Relative humidity (%) 0830 hours | 97.1 | 98 | 98 | 97.8 | 97.6 |
| Relative humidity (%) 1730 hours | 87.5 | 83.2 | 83.1 | 82.5 | 83.6 |
| Wind Speed (kmph) | 8.4 | 8.2 | 7.1 | 6.8 | 6.3 |
| Wind Direction | 250 | 246.8 | 246 | 251.6 | 256.8 |

Somvarpet

| Parameter | 25.06.2025 | 26.06.2025 | 27.06.2025 | 28.06.2025 | 29.06.2025 |
|----------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 11.1 | 10.2 | 9.3 | 9.6 | 6.8 |
| Max. temp (°C) | 21.2 | 22.6 | 22.7 | 22.5 | 22.6 |
| Min.Temp (°C) | 19.4 | 19.2 | 19.4 | 19.2 | 19.1 |
| Sky condition (Octas) | 8 | 7 | 7 | 8 | 7 |
| Relative humidity (%) 0830 hours | 94.6 | 96.4 | 96.7 | 96.7 | 96.1 |
| Relative humidity (%) 1730 hours | 85.6 | 81.2 | 81.1 | 82.1 | 79.9 |
| Wind Speed (kmph) | 11.5 | 10.9 | 9.4 | 8.6 | 8.3 |
| Wind Direction | 268.2 | 264.3 | 265.6 | 360 | 360 |

Virajpet

| Parameter | 25.06.2025 | 26.06.2025 | 27.06.2025 | 28.06.2025 | 29.06.2025 |
|----------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 14.6 | 21.4 | 13.1 | 17.3 | 9.2 |
| Max. temp (°C) | 23.1 | 23.8 | 24 | 24 | 23.8 |
| Min.Temp (°C) | 20.5 | 20.4 | 20.4 | 20.4 | 20.2 |
| Sky condition (Octas) | 8 | 7 | 7 | 8 | 8 |
| Relative humidity (%) 0830 hours | 97.8 | 98.1 | 97.5 | 97.7 | 97.3 |
| Relative humidity (%) 1730 hours | 88.6 | 86.1 | 84.2 | 85.6 | 84.2 |
| Wind Speed (kmph) | 6.8 | 6.8 | 5.2 | 5 | 3.6 |

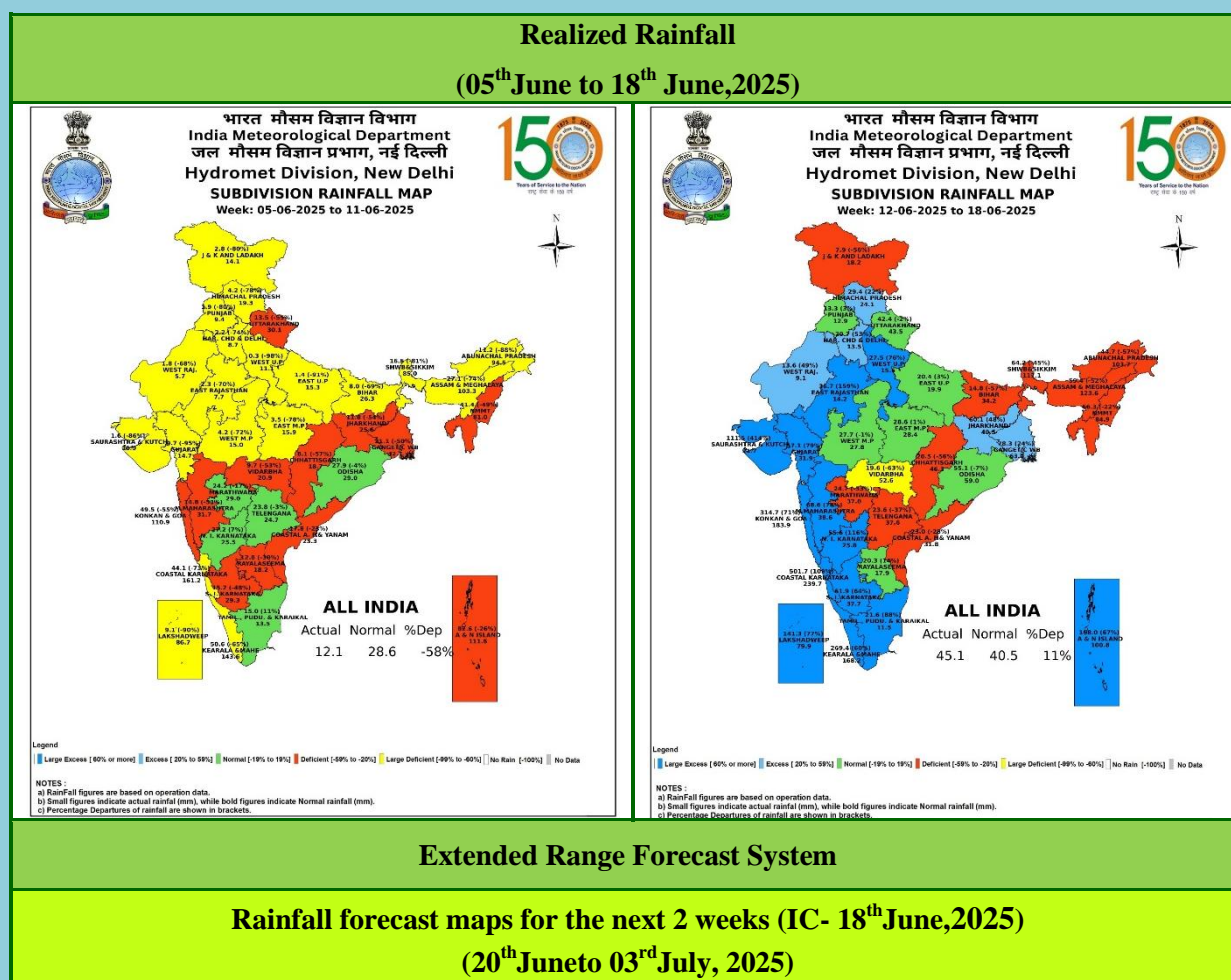
| | | | | | |
|-----------------------|-----|-----|-------|-------|-------|
| Wind Direction | 238 | 238 | 236.3 | 239.7 | 233.1 |
|-----------------------|-----|-----|-------|-------|-------|

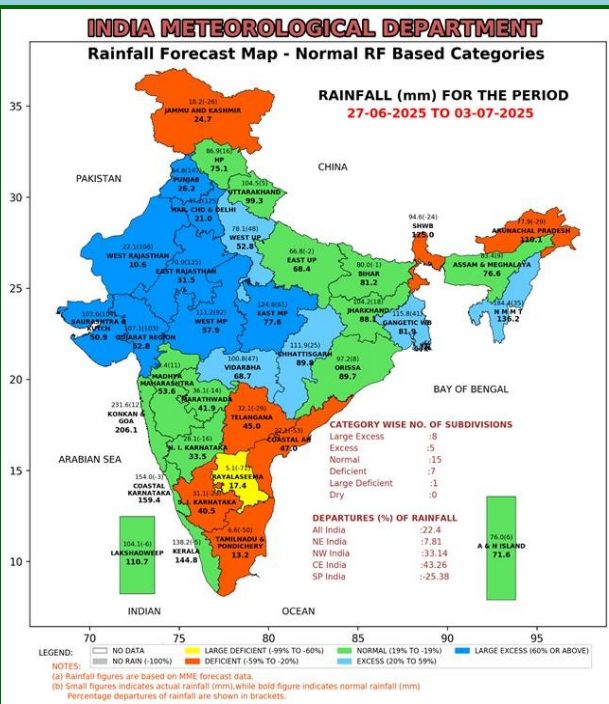
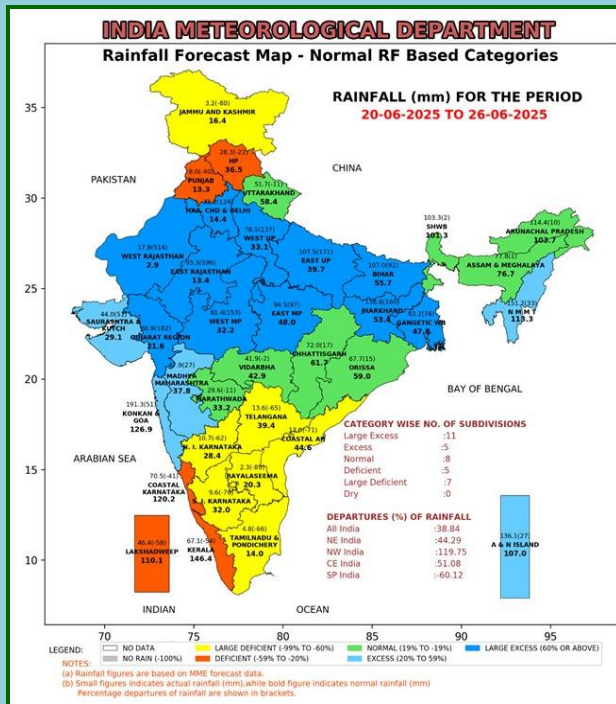
- Download **“DAMINI”** app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download **“MAUSAM”** APP for location specific forecast & warning & **“MEGHDOOT”** APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

For any information farmers can contact **Dr. C. Ramachandra**, Senior Farm Superintendent/ **Dr. SumanthKumar.G.V**, Technical officer over phone No. 0821-259126/ 9535345814

AMFU of IMD,
Naganahalli, Mysuru

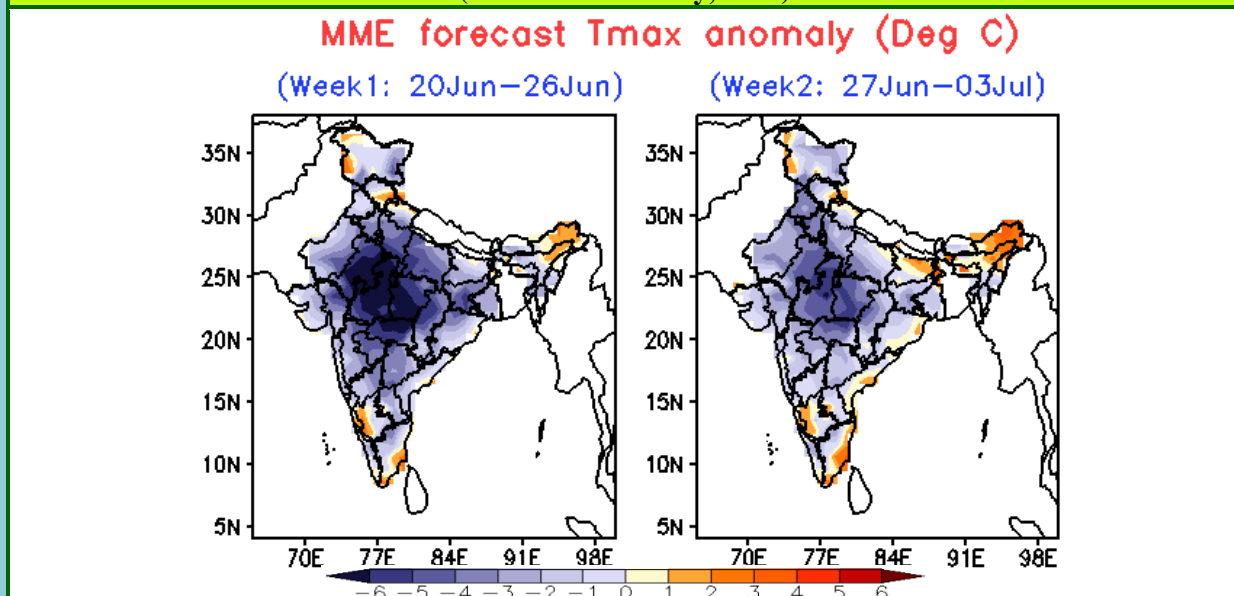
वास्तविकवर्षा तथा विस्तारित अवधि पूर्वानुमान
Realized Rainfall and Extended Range Forecast
(वर्षा और तापमान)
(Rainfall and Temperature)





- Week1(20.06.2025 to 26.06.2025):**Rainfall is likely to be above normal over many parts of Northwest India, East India, Central India and West India. However, it is likely to be below normal over South India.
- Week 2 (27.06.2025 to 03.07.2025):**Rainfall is likely to be above normal over Northwest India, Central India, East India, Nagaland Manipur Mizoram & Tripura region, Gujarat state and Konkan-Goa. However, it is likely to be below normal over many parts of South India.

**Maximum and Minimum temperature anomaly ($^{\circ}$ C) forecast
for the next 2 weeks (IC- 18th June, 2025)
(20th June to 03rd July, 2025)**



Maximum Temperature (Tmax)

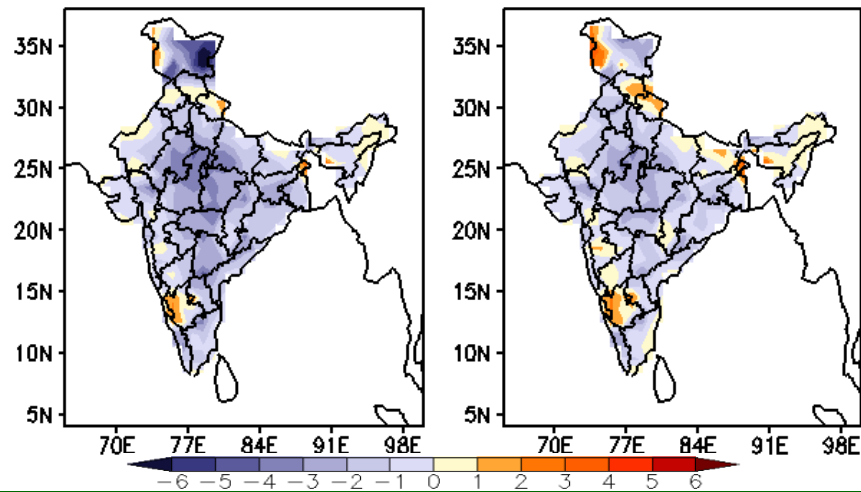
- Week 1 (20.06.2025 to 26.06.2025):**Maximum temperature is likely to be below normal over most parts of the country except some parts of North East India, Himachal Pradesh, Karnataka and Coastal regions of Tamil Nadu.
- Week 2 (27.06.2025 to 03.07.2025):**Maximum temperature is likely to be below normal over most parts of the country. However, it is likely to be above normal over Bihar, many

parts of North East India®ions along East coast and some parts of Karnataka.

MME forecast Tmin anomaly (Deg C)

(Week1: 20Jun–26Jun)

(Week2: 27Jun–03Jul)



Minimum Temperature (Tmin)

- **Week 1 (20.06.2025 to 26.06.2025):** Minimum temperature is likely to be below normal over most parts of the country except over some parts of Karnataka.
- **Week 2 (27.06.2025 to 03.07.2025):** Minimum temperature is likely to be below normal over most parts of the country except over some parts of Himachal Pradesh, Uttarakhand and Karnataka.