

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



**GRAMIN KRISHI MAUSAM SEWA
AMFU, OFRS, NAGANAHALLI,
MYSURU – 570003**



Date:27-05-2025

AGRO-ADVISORY BULLETIN FOR MYSURU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

| Parameter | 24.05.2025 | 25.05.2025 | 26.05.2025 | 27.05.2025 |
|---|-------------------|-------------------|-------------------|-------------------|
| Rainfall (mm) | 2 | 4.5 | 33 | 139.4 |
| Max. Temp. (°C) | 30 | 28.2 | 27.5 | 28.5 |
| Min. Temp. (°C) | 21 | 21 | 20 | 23 |
| Sky condition (Octas) | 7 | 8 | 8 | - |
| Relative humidity (%) 0830 hours | 81 | 82 | 85 | 97 |
| Relative humidity (%) 1730 hours | 84 | 82 | - | - |
| Wind Speed (km/h) | 4 | 2 | 4 | - |
| Wind Direction | 230 | 180 | 230 | - |

Weather forecast for the next five days (From 28-05-2025 to 01-06-2025)

| Parameter | 28.05.2025 | 29.05.2025 | 30.05.2025 | 31.05.2025 | 01.06.2025 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|
| Rainfall (mm) | 22 | 20 | 19 | 24 | 11 |
| Max. temp (°C) | 27 | 26 | 26 | 26 | 26 |
| Min.Temp (°C) | 20 | 20 | 19 | 19 | 19 |
| Sky condition (Octas) | 8 | 8 | 8 | 8 | 8 |
| Relative humidity (%) 08:30 hours | 89 | 87 | 85 | 89 | 89 |
| Relative humidity (%) 17:30 hours | 77 | 73 | 79 | 78 | 79 |
| Wind Speed (kmph) | 18 | 14 | 14 | 14 | 14 |
| Wind Direction | 248 | 249 | 249 | 240 | 244 |

Forecast Summary

As forecast received from IMD, partially cloudy sky with **light to moderate rainfall** may be expected from **28.05.2025 to 01.06.2025** in Mysuru district. The day temperature is expected to be 26-27°C & night temperature is expected 19-20°C. The relative humidity in the morning hours is expected to be 85-89% & afternoon relative humidity is expected to be in the range of 73-79% Wind speed expected to be 14-18 km/hr.

General Advisory:

- Light to moderate rainfall is expected daily; ensure proper drainage in all crop fields to prevent water stagnation.
- Cloudy weather with high humidity may favor the development of fungal diseases in crops.
- Carry out weeding and intercultural operations during dry spells to manage weed growth effectively.
- Monitor crops regularly for fungal diseases such as blight, mildew, and rust; apply appropriate fungicides if symptoms appear.
- Provide support to tall and fruit-bearing crops like banana, tomato, and chilli to prevent lodging due to wind and wet soil.
- Avoid harvesting during rainy days; store harvested produce in dry and well-ventilated conditions.
- Maintain clean and dry shelters for livestock; ensure adequate ventilation and provide clean drinking water.
- Keep poultry sheds dry and hygienic; monitor for disease symptoms and ensure proper litter management.
- Apply fertilizers during dry weather to avoid nutrient loss through leaching.
- Monitor crops for sucking pests like aphids and whiteflies; use recommended pest control measures if necessary.
- Maintain overall field hygiene by removing diseased plant parts and crop debris to reduce the risk of infections.

SMS Advisory:

Monsoon may weaken as the depression over West Bengal coast subsides in 3–4 days. Dry and sunny weather expected across the state in the first week of June.

Crops and Suitable Varieties for Sowing in May

| Crop Type | Crop Name | Recommended Varieties |
|------------------------------|--------------------------|---|
| Millets & Cereals | Ragi | Indaf-9, GPU-45, 23.2.0350-48 |
| | Maize (Shaktiman Maize) | CSV-4, CSH-5, CSH-9 |
| | Sweet Corn | Hema, Nityashree, MAH-14-5, MAH-14-138 |
| | Pop Corn | Amba |
| | Foxtail Millet (Navane) | SIA-326 |
| | Barnyard Millet (Haraka) | RBK-155, GPUK-3 |
| | Little Millet (Same) | CO-2, OLM-203 |
| | Proso Millet (Baragu) | GPUP-8, GPUP-21 |
| | Kodo Millet (Oodalu) | DHB M-93-3 |
| | Browntop Millet (Korale) | GPUBT-2 |
| Pulses | Red Gram | BRG-1, 2, 3, 4, 5, ICP-7035, TTB-7, Hyderabad-3C |
| | Green Gram | PS-16, Pusa Baisakhi, PDM-84-178, ..30-3 |
| | Black Gram | Karagaon-3, T-9, Rashmi (LBG-625), LBG-791 (Suraksha) |
| | Cowpea | TVX-944-02I, KBC-1, KBC-2, KM-9, KM-5, KC-8 (KBC-11), PGCP-6 |
| Oilseeds | Groundnut | GKVK-5, KCG-6 (Chintamani-6), GPBD-4, ICGV-91114, JL-24, TMV-2, GKVK-27 |

| | | |
|----------------------|---------------------|--|
| | Soybean (Irrigated) | MAUS-2 (Pooja), Karune (vegetable type), KBS-23 |
| | Sesame | GT-1, Navile-1 (Tunga), TMV-3, T-7, GKVK S-1 |
| Horticultural | Fruits & Vegetables | Banana, Arecanut, Chilli, Turmeric, Potato, Ginger |
| Fodder Crops | Fodder Sorghum | JESET-3 |
| | Cowpea (Fodder) | MFC-09-01, MFC -08-14, MFC -09-03 |
| | Bajra-Napier Grass | PBN-342 |

Recommendations to the farmers:-

Weather based advisory

| Crop | Stage | Advisory |
|--|-------------------------|---|
| Paddy | Vegetative stage | Moderate rains are beneficial. Maintain 2–3 cm water in field. Apply top dressing of nitrogen (urea) if not yet done. Monitor for leaf folder and blast. |
| Maize | Tasseling stage | Ensure adequate soil moisture during tasseling—most critical stage. no irrigation needed if rain is sufficient. Avoid spraying during tasseling. |
| Finger millet | Vegetative stage | Favorable for vegetative growth. Intercultural operations can be done. Apply nitrogen top dressing after rains. |
| Tomato | Flowering | Avoid water stagnation. Stake plants to prevent lodging. Spray borax (0.2%) to prevent flower drop. Monitor for thrips and leaf curl virus. |
| Chilli | Fruit formation stage | Ensure good drainage. Apply potassium-rich fertilizers for fruit setting. Monitor for sucking pests and fruit rot after rains. |
| Banana | Fruit development stage | Support plants to prevent lodging due to wind. Maintain basin cleanliness. Apply potash and micronutrients if not done. |
| Black gram, Green gram and cowpea | Sowing | Rains are favorable for sowing. Choose well-drained fields. Avoid sowing just before the 21st (moderate rain) to prevent seed rotting. |
| Sugarcane | Vegetative | Moderate rain is good. Carry out earthing-up if not done. Top-dressing of nitrogen after rainfall is beneficial. Control early shoot borer. |
| Mango | Fruit development stage | Moderate rain is favorable. Ensure fruit fly traps are installed. Spray potassium nitrate (1%) for fruit development and to prevent spongy tissue. |
| Vegetable crops | Various stages | Ensure drainage to avoid root rot. Spraying should be planned before rainfall. Check for fungal/pest issues post-rain and apply need-based treatment. |

| 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 |

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|--|
| feed during cooler morning and evening hours. Maintain hygiene to prevent fungal and bacterial infections. |
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Block level weather forecast (From 28-05-2025 to 01-06-2025)

| H.D. Kote | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| Parameter | 28.05.2025 | 29.05.2025 | 30.05.2025 | 31.05.2025 | 01.06.2025 |
| Rainfall (mm) | 6.2 | 6.8 | 20.4 | 32.4 | 0.5 |
| Max. temp (°C) | 23.9 | 25.2 | 23.8 | 22.1 | 25.7 |
| Min.Temp (°C) | 21 | 20.6 | 20.7 | 20.2 | 20.2 |
| Sky condition (Octas) | 8 | 8 | 8 | 8 | 8 |
| Relative humidity (%) 0830 hours | 92.4 | 92.7 | 93.4 | 94.6 | 92 |
| Relative humidity (%) 1730 hours | 80.8 | 73.6 | 80.4 | 87.1 | 69.7 |
| Wind Speed (kmph) | 15.5 | 18.1 | 12.5 | 13.3 | 12.3 |
| Wind Direction | 239.2 | 238.8 | 230.8 | 229.4 | 232.1 |

| Hunsuru | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| Parameter | 28.05.2025 | 29.05.2025 | 30.05.2025 | 31.05.2025 | 01.06.2025 |
| Rainfall (mm) | 5 | 7 | 18.5 | 19.7 | 0.6 |
| Max. temp (°C) | 23.8 | 25.7 | 23.5 | 22.4 | 24.6 |
| Min.Temp (°C) | 20.8 | 20.5 | 20.2 | 20 | 20.2 |
| Sky condition (Octas) | 8 | 8 | 8 | 8 | 8 |
| Relative humidity (%) 0830 hours | 93.6 | 92.8 | 93.6 | 94.2 | 90.6 |
| Relative humidity (%) 1730 hours | 79.9 | 71.2 | 81.8 | 82 | 75 |
| Wind Speed (kmph) | 17.3 | 19.7 | 12.7 | 14 | 16.9 |
| Wind Direction | 246.6 | 248.6 | 241.2 | 247.4 | 246.1 |

| K.R. Nagara | | | | | |
|------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Parameter | 28.05.2025 | 29.05.2025 | 30.05.2025 | 31.05.2025 | 01.06.2025 |
| Rainfall (mm) | 4.1 | 4.6 | 14.2 | 7.6 | 0.6 |
| Max. temp (°C) | 24.4 | 26.2 | 24 | 22.8 | 25 |
| Min.Temp (°C) | 21.4 | 20.7 | 20.7 | 20.2 | 20.8 |
| Sky condition (Octas) | 8 | 8 | 8 | 8 | 8 |

| | | | | | |
|---|-------|-------|-------|------|-------|
| Relative humidity (%) 0830 hours | 93.4 | 91.8 | 92.8 | 94.1 | 90.3 |
| Relative humidity (%) 1730 hours | 78 | 68.4 | 80.4 | 81 | 71.9 |
| Wind Speed (kmph) | 15.8 | 18 | 13.8 | 16.3 | 15 |
| Wind Direction | 248.7 | 258.5 | 254.9 | 252 | 245.9 |

Mysuru

| Parameter | 28.05.2025 | 29.05.2025 | 30.05.2025 | 31.05.2025 | 01.06.2025 |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| Rainfall (mm) | 2.7 | 2.8 | 12.4 | 12.2 | 0.3 |
| Max. temp (°C) | 25.6 | 26.9 | 23.8 | 23.1 | 25.6 |
| Min.Temp (°C) | 21.2 | 21.2 | 20.9 | 20.2 | 20.9 |
| Sky condition (Octas) | 8 | 8 | 8 | 8 | 8 |
| Relative humidity (%) 0830 hours | 91.8 | 89 | 91.6 | 92.4 | 88.5 |
| Relative humidity (%) 1730 hours | 73.4 | 65 | 79.2 | 79.6 | 68.4 |
| Wind Speed (kmph) | 18.5 | 21.3 | 17.4 | 19.3 | 16.1 |
| Wind Direction | 243.4 | 248.2 | 242.9 | 245.8 | 246.3 |

Nanjanagudu

| Parameter | 28.05.2025 | 29.05.2025 | 30.05.2025 | 31.05.2025 | 01.06.2025 |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| Rainfall (mm) | 2.7 | 3.7 | 15.5 | 26.9 | 0.3 |
| Max. temp (°C) | 26 | 27.2 | 24.8 | 23.5 | 26.6 |
| Min.Temp (°C) | 21.6 | 21.7 | 21.6 | 20.7 | 21.5 |
| Sky condition (Octas) | 7 | 8 | 8 | 8 | 8 |
| Relative humidity (%) 0830 hours | 86.1 | 87.2 | 87.8 | 88.4 | 83.6 |
| Relative humidity (%) 1730 hours | 70.3 | 63 | 75.8 | 77.2 | 62.4 |
| Wind Speed (kmph) | 23.9 | 27.5 | 18.7 | 23.8 | 19.9 |
| Wind Direction | 248.8 | 248.5 | 247.4 | 249.6 | 249.9 |

Piriapatna

| Parameter | 28.05.2025 | 29.05.2025 | 30.05.2025 | 31.05.2025 | 01.06.2025 |
|------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Rainfall (mm) | 11 | 13.2 | 30.9 | 21.1 | 2.1 |
| Max. temp (°C) | 22.4 | 23.9 | 21.9 | 21.1 | 23.5 |
| Min.Temp (°C) | 20.2 | 19.8 | 19.7 | 19.4 | 19.5 |
| Sky condition (Octas) | 8 | 8 | 8 | 8 | 8 |

| | | | | | |
|---|-------|-------|-------|-------|-------|
| Relative humidity (%) 0830 hours | 95 | 95.2 | 96 | 96.6 | 94.6 |
| Relative humidity (%) 1730 hours | 86.4 | 81 | 91.8 | 86 | 80.2 |
| Wind Speed (kmph) | 12.1 | 16.6 | 13.4 | 12.9 | 15.9 |
| Wind Direction | 243.4 | 245.6 | 246.2 | 252.1 | 251.6 |

| T. Narasipura | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| Parameter | 28.05.2025 | 29.05.2025 | 30.05.2025 | 31.05.2025 | 01.06.2025 |
| Rainfall (mm) | 2 | 1.7 | 6.6 | 10.1 | 0.1 |
| Max. temp (°C) | 26.8 | 27.8 | 25 | 23.2 | 26 |
| Min.Temp (°C) | 21.8 | 22.1 | 21.6 | 20.9 | 21.5 |
| Sky condition (Octas) | 7 | 8 | 8 | 8 | 8 |
| Relative humidity (%) 0830 hours | 87.3 | 84.9 | 86.9 | 88.4 | 84.8 |
| Relative humidity (%) 1730 hours | 68.2 | 61.5 | 74.2 | 80.1 | 65.4 |
| Wind Speed (kmph) | 21.1 | 24.1 | 19.8 | 23.4 | 18.5 |
| Wind Direction | 246.9 | 249.9 | 245.3 | 247.4 | 249.4 |

- 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. Sumanth Kumar.G.V**, Technical officer over phone No.0821-259126/ 9535345814.

**AMFU of IMD,
Naganahalli, Mysuru**

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

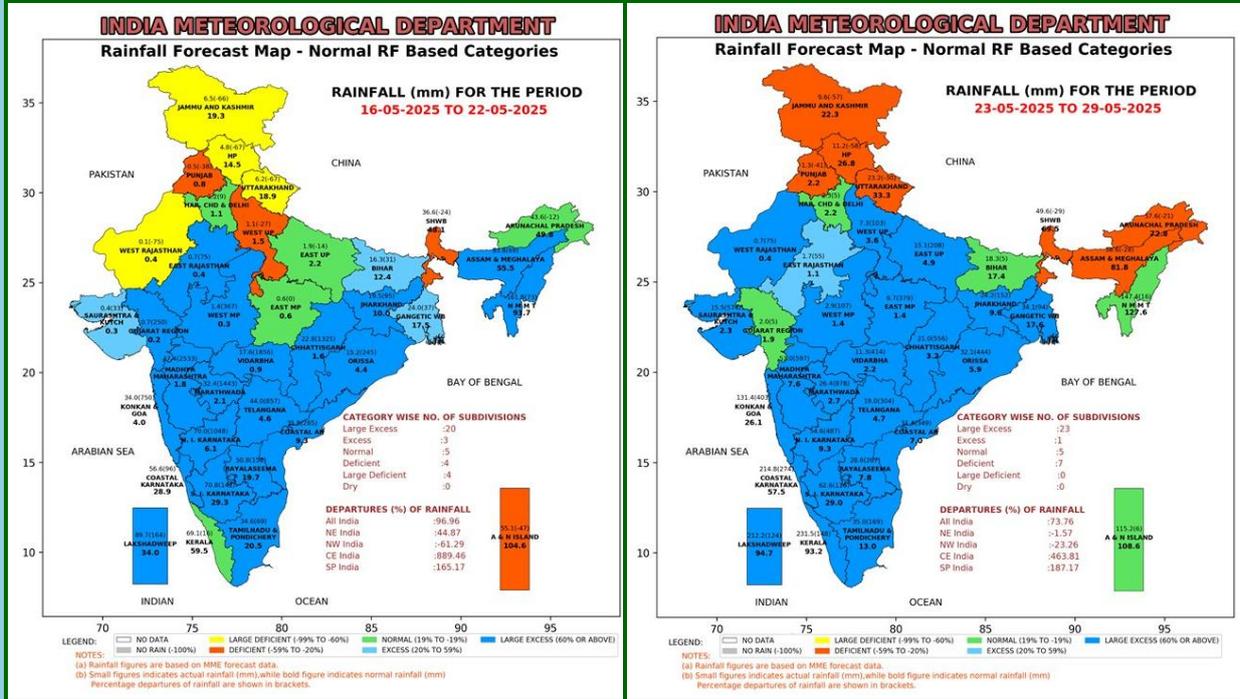
Realized Rainfall

(01st to 14th May, 2025)



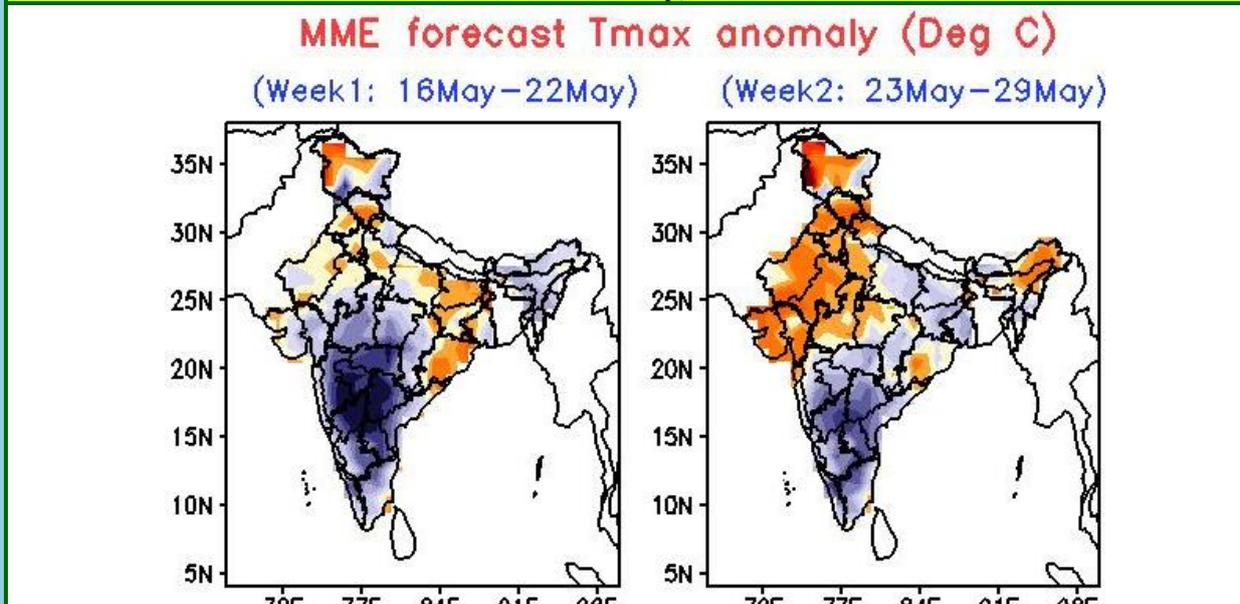
Extended Range Forecast System

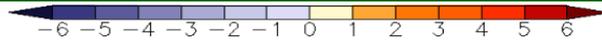
Rainfall forecast maps for the next 2 weeks (IC- 14th May,2025) (16th to 29th May, 2025)



- **Week1(16.05.2025 to 22.05.2025):**Rainfall is likely to be above normal over South India, Maharashtra, Odisha and many parts of North East India.
- **Week 2 (23.05.2025 to 29.05.2025):**Rainfall is likely to be above normal over South India, Maharashtra, many parts of East India, Nagaland Manipur Mizoram & Tripura, Chhattisgarh and East Uttar Pradesh.

Maximum and Minimum temperature anomaly (°C) forecast for the next 2 weeks (IC- 14th May,2025) (16th to 29th May, 2025)





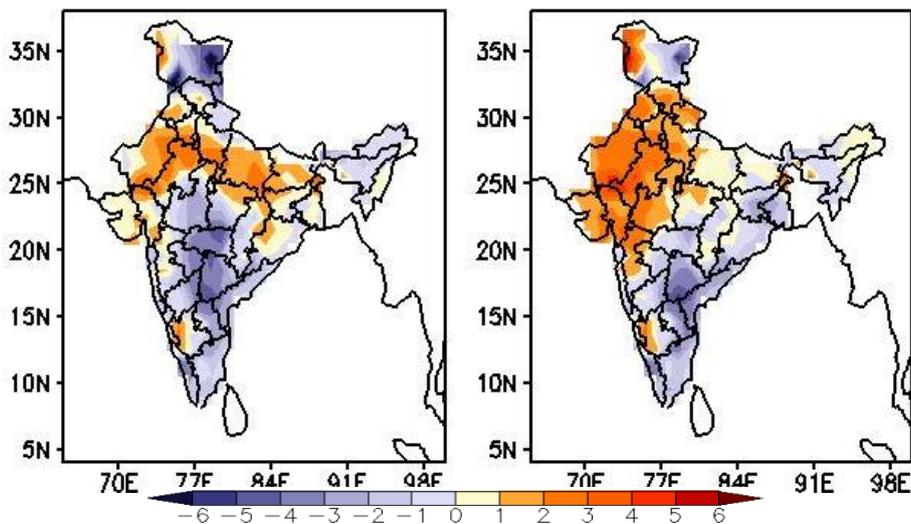
Maximum Temperature (Tmax)

- **Week 1 (16.05.2025 to 22.05.2025):** Maximum temperature is likely to be above normal over many parts of North West India and East India and below normal over remaining parts of the country.
- **Week 2 (23.05.2025 to 29.05.2025):** Maximum temperature is likely to be above normal over North West India, Gujarat, Madhya Pradesh, some parts of Odisha, Assam and Arunachal Pradesh and below normal over remaining parts of the country.

MME forecast Tmin anomaly (Deg C)

(Week1: 16May-22May)

(Week2: 23May-29May)



Minimum Temperature (Tmin)

- **Week 1 (16.05.2025 to 22.05.2025):** Minimum temperature is likely to be above normal over many parts of North West India, East India and some parts of Karnataka and below normal over remaining parts of the country.
- **Week 2 (23.05.2025 to 29.05.2025):** Minimum temperature is likely to be above normal over many parts of North West India, Gujarat, Madhya Maharashtra and some parts of Karnataka and below normal over remaining parts of the country.