## 32 UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU & INDIA METEOROLOGICAL DEPARTMENT

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**Date:06-01-2026**

# AGRO-ADVISORY BULLETIN FOR BENGALURU RURAL DISTRICT

**Issued jointly by UAS, Bangalore & Indian Meteorological Department**

**Past Weather Data (02-01-2026 to 06-01-2026)**

| Parameter | 02.01.2026 | 03.01.2026 | 04.01.2026 | 05.01.2026 | 06.01.2026 |
|---|---|---|---|---|---|
| Rainfall (mm) | - | - | - | - | - |
| Max. Temp. (°C) | - | - | - | - | - |
| Min. Temp. (°C) | - | - | - | - | - |
| Sky condition (Octas) | - | - | - | - | - |
| Relative humidity (%) 0830 hours | - | - | - | - | - |
| Relative humidity (%) 1730 hours | - | - | - | - | - |
| Wind Speed (km/h) | - | - | - | - | - |
| Wind Direction | - | - | - | - | - |





**Weather forecast for the next five days (From 07-01-2026 to 11-01-2026)**

| Parameter | 07.01.2026 | 08.01.2026 | 09.01.2026 | 10.01.2026 | 11.01.2026 |
|---|---|---|---|---|---|
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max. Temp. (°C) | 26 | 26 | 27 | 27 | 28 |
| Min. Temp. (°C) | 15 | 15 | 15 | 14 | 15 |
| Sky condition (Octas) | 2 | 4 | 4 | 4 | 4 |
| Relative humidity (%) 0830 hours | 88 | 90 | 88 | 82 | 82 |
| Relative humidity (%) 1730 hours | 33 | 32 | 40 | 38 | 37 |
| Wind Speed (kmph) | 4 | 6 | 6 | 6 | 4 |
| Wind Direction | 82 | 360 | 83 | 77 | 73 |

**Forecast Summary**

**As forecast received from IMD, cloudy sky with No rain expected from 07-01-2026 to 11-01-2026 in Bengaluru Rural District. The day temperature is expected to be 26.0-28.0°C and night temperature is expected to be 14.0-15.0°C. The relative humidity in the morning hours is expected to be 82-90 % and afternoon relative humidity is expected to be in the range of 32-40 %, Wind speed is expected to be 4-6 km/hr.**

**SMS Advisory**

Avoid pruning, fertilizer application and growth regulator sprays during cold wave conditions. Cloudy weather, cool nights may increase fungal disease risk—monitor crops closely and ensure fields have good drainage.

**Recommendations to the farmers: -**

| Crop | Pest/Disease | Damage symptoms | Control measures |
|---|---|---|---|

**General Advisory:**

**Field Crops**

1. Right time for harvesting, drying, cleaning and storage of Rabi crops.
2. Apply **neem leaves/neem powder** in grain bags as a natural repellent.
3. For long-term storage of pulses, store with **tri-sodium phosphate (TSP) treated** gunny sacks to reduce bruchid attack.

**Vegetables & Horticulture**

1. Stake/support tomato, chilli, and creepers against lodging due to winds.
2. Watch for fruit borer and shoot borer in fruit development stage.
3. Spray the chemicals early morning and late evening for better pest and disease control.

**Livestock & Poultry**

1. Give dry fodder and provide shelter to animals in evening higher humidity.
2. Maintain hygiene in sheds to prevent infections.

| Crop | Stage | Weather-Based Agromet Advisory |
|---|---|---|
| **Ragi** | Post harvest | Dry the harvested ear heads on clean tarpaulins until grain moisture reaches about 12%. |
| **Redgram** | Harvesting and Post harvest stage | Harvest the matured pod or whole dry plants and dry in 3-4 days and separate the seeds and store in cool places<br>The grain moisture reaches about 14%. |
| **Maize** | Post harvest | Store grains at **12% moisture** or below.<br>Store grains in **air-tight, moisture-proof bags** (HDPE, PICS, or gunny bags with polyliners). |
| **Sunflower** | Post harvest | Ensure quick drying of harvested crop.<br>Spread seeds thinly and sun-dry for **1–2 days** until seed moisture reaches **8–10%**. |
| **Tomato** | Fruit development | Higher humidity increases **late blight** and **fruit borer** incidence. Spray Copper oxychloride @2 g/l of water or Metalaxyl + Mancozeb @2 g/l of water. Drench Trichoderma harzianum biopesticide 5 g/l of water. Install pheromone traps (10/acre). Avoid excessive nitrogen and sprinkler irrigation.  |
| **Cowpea** | Harvesting and Post harvest stage | Harvest the matured pod and dry in clean tarpaulins until grain moisture reaches about 15%. |
| **Field bean** | Harvesting and Post harvest stage | Harvest the matured pod and dry in clean tarpaulins until grain moisture reaches about 15%. |
| **Chilli** | Fruit development and maturity stage | Spray Carbendazim 1 g/l of water or Copper oxychloride 2.5 g/l of water for anthracnose.<br>For thrips, use Fipronil 1 g/l of water or Neem oil 3 ml/l of water.<br>Avoid water stagnation in crop field. |
| **Rose** | Flowering stage | Powdery mildew<br>*Trichoderma spp./Bacillus subtilis* foliar spray @5 g/l of water |

| | | |
|---|---|---|
| | | Chemical control: Spray Wettable Sulphur @ 2 g/litre<br>Spray Imidacloprid 17.8 SL @ 0.3 ml/litre for control of aphids<br>Install the sticky yellow traps to reduce the pest population. |
| **Guava** | Fruit development | Fruit fly (*Bactrocera spp.*) spray entomopathogenic fungus (*Beauveria bassiana*) @ 10 g/litre water on infested fruits.<br>Use Methyl eugenol traps (10/acre) for fruit fly.<br>Spray Imidacloprid 0.3 ml/L for control of aphids and mealy bug infestation.<br>Apply UV-stabilized weed mats around crop rows or tree basins to effectively block sunlight and suppress weed growth. |

| **Livestock, Poultry, and Sericulture Advisory** | |
|---|---|
| **Sector** | **Weather-Based Advisory** |
| **Livestock** | 1. Provide dry and clean shelter; avoid animals standing in wet areas.<br>2. Provide ample clean drinking water.<br>3. Monitor for tick and mite infestations; use approved acaricides if needed.<br>4. Provide balanced feed and mineral supplements.<br>5. Minimum temperatures cause cold stress in young calves/kids. Provide bedding (dry straw) and night shelter to reduce cold exposure. |
| **Sericulture** | Humid and rainy conditions increase **grasserie, flacherie and fungal** diseases<br>1. Maintain proper rearing house hygiene, clean and disinfect trays.<br>2. The recommendation of farmers closes the windows with tarpaulins sheet during night hours to maintain optimum room temperature.<br>3. Avoid wet or damp mulberry leaves, use air-dried or well-drained leaves. |
| **Poultry** | 1. Cool early mornings need **brooder temperature maintenance** for chicks.<br>2. Maintain poultry shed dryness; use **lime powder** to reduce moisture.<br>3. Provide **electrolytes + vitamins** in water for immunity.<br>4. Cool, humid mornings favor: **CRD (Chronic Respiratory Disease), Coccidiosis, Colibacillosis-** Follow routine vaccinations strictly (Ranikhet, IBD).<br>5. Maintain optimum lighting schedule to support winter egg production. |

| **Block level weather forecast (From 07-01-2026 to 11-01-2026)** | | | | | |
|---|---|---|---|---|---|
| **DEVANAHALLI BLOCK** | | | | | |
| **Parameter** | **07.01.2026** | **08.01.2026** | **09.01.2026** | **10.01.2026** | **11.01.2026** |
| **Rainfall (mm)** | 0 | 0 | 0 | 0 | 0 |
| **Max. Temp (°C)** | 26 | 26 | 24 | 24 | 24 |
| **Min.Temp (°C)** | 15 | 14 | 14 | 15 | 16 |
| **Sky condition (Octas)** | 2 | 3 | 4 | 4 | 5 |
| **Relative humidity (%) 0830 hours** | 91 | 92 | 88 | 81 | 82 |
| **Relative humidity (%) 1730 hours** | 41 | 35 | 42 | 42 | 40 |
| **Wind Speed (kmph)** | 9 | 14 | 15 | 16 | 14 |
| **Wind Direction** | 68 | 84 | 73 | 88 | 78 |

| DODDABALLAPURA BLOCK | | | | | |
|---|---|---|---|---|---|
| **Parameter** | **07.01.2026** | **08.01.2026** | **09.01.2026** | **10.01.2026** | **11.01.2026** |
| **Rainfall (mm)** | 0 | 0 | 0 | 0 | 0 |
| **Max. Temp (°C)** | 26 | 26 | 24 | 25 | 25 |
| **Min.Temp (°C)** | 15 | 14 | 13 | 15 | 16 |
| **Sky condition (Octas)** | 2 | 3 | 4 | 4 | 5 |
| **Relative humidity (%) 0830 hours** | 91 | 91 | 88 | 78 | 79 |
| **Relative humidity (%) 1730 hours** | 39 | 34 | 38 | 40 | 39 |
| **Wind Speed (kmph)** | 7 | 11 | 11 | 12 | 12 |
| **Wind Direction** | 73 | 86 | 79 | 86 | 78 |

| HOSKOTE BLOCK | | | | | |
|---|---|---|---|---|---|
| **Parameter** | **07.01.2026** | **08.01.2026** | **09.01.2026** | **10.01.2026** | **11.01.2026** |
| **Rainfall (mm)** | 0 | 0 | 0 | 0 | 0 |
| **Max. Temp (°C)** | 26 | 26 | 24 | 24 | 24 |
| **Min.Temp (°C)** | 15 | 13 | 14 | 15 | 16 |
| **Sky condition (Octas)** | 2 | 3 | 4 | 4 | 5 |
| **Relative humidity (%) 0830 hours** | 92 | 93 | 89 | 82 | 84 |
| **Relative humidity (%) 1730 hours** | 41 | 36 | 42 | 43 | 41 |
| **Wind Speed (kmph)** | 8 | 13 | 15 | 16 | 13 |
| **Wind Direction** | 66 | 84 | 73 | 86 | 78 |

| NELAMANGALA BLOCK | | | | | |
|---|---|---|---|---|---|
| **Parameter** | **07.01.2026** | **08.01.2026** | **09.01.2026** | **10.01.2026** | **11.01.2026** |
| **Rainfall (mm)** | 0 | 0 | 0 | 0 | 0 |
| **Max. Temp (°C)** | 26 | 26 | 24 | 26 | 25 |
| **Min.Temp (°C)** | 15 | 14 | 13 | 14 | 15 |
| **Sky condition (Octas)** | 2 | 3 | 2 | 3 | 4 |
| **Relative humidity (%) 0830 hours** | 93 | 95 | 93 | 80 | 84 |
| **Relative humidity (%) 1730 hours** | 45 | 36 | 39 | 36 | 39 |
| **Wind Speed (kmph)** | 6 | 11 | 12 | 13 | 16 |
| **Wind Direction** | 79 | 85 | 81 | 84 | 78 |

- 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. M. N. Thimmegowda**, Professor & Head/ **Mr. L. Nagesha**, Technical officer over phone No. 9741109702/ 9008454142

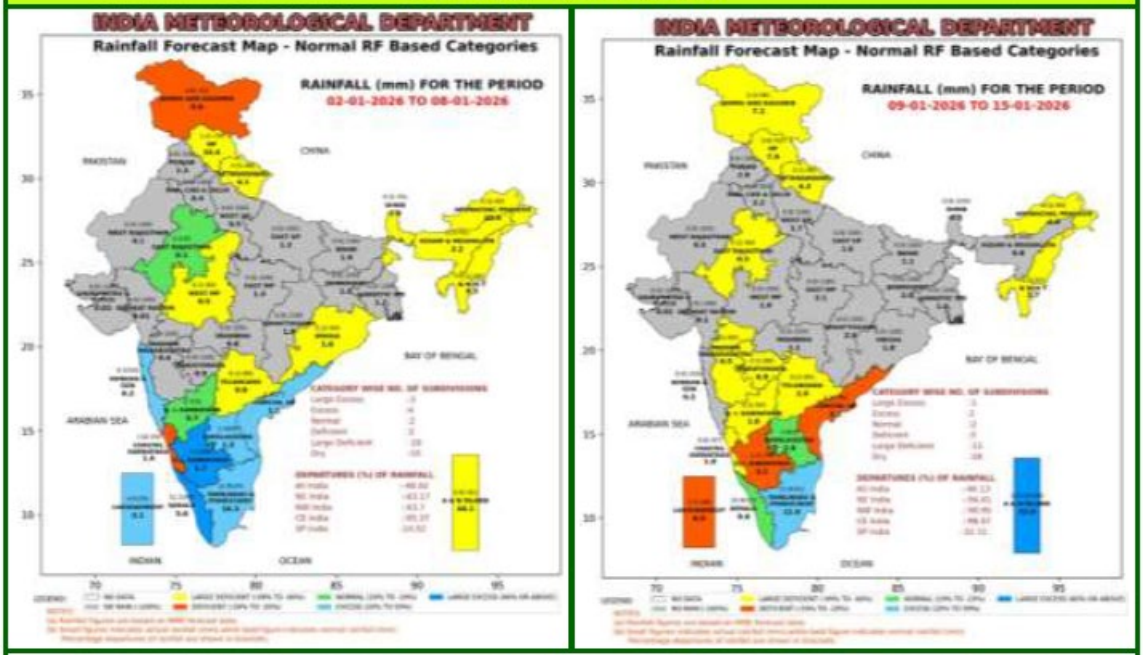
**AMFU of IMD,**

**AICRP-AM, Bengaluru**

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

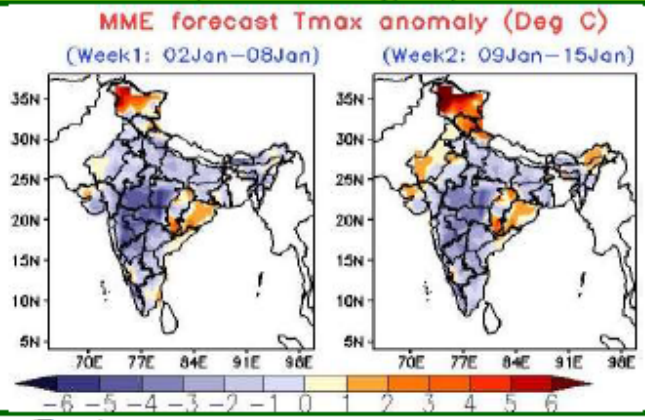
**Extended Range Forecast System**

**Rainfall forecast maps for the next 2 weeks (IC- 31st December, 2025)**
**(02nd to 15th January, 2026)**



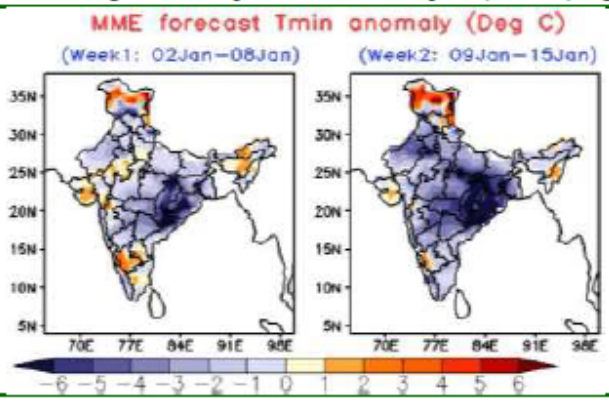

- **Week 1 (02.01.2025 to 08.01.2026):** Rainfall is likely over Jammu & Kashmir, Arunachal Pradesh, Kerala and Tamil Nadu.
- **Week 2 (09.01.2025 to 15.01.2026):** Rainfall is likely over Andaman & Nicobar Islands, Kerala and Tamil Nadu.

**Maximum and Minimum temperature anomaly (°C) forecast**
**for the next 2 weeks (IC- 31st December, 2025)**
**(02nd to 15th January, 2026)**




**Maximum Temperature (Tmax)**

- **Week 1 (02.01.2025 to 08.01.2026):** Maximum temperature is likely to be above normal over Jammu & Kashmir, Chhattisgarh, Odisha, some parts of Saurashtra & Kutch, Tamil Nadu and South Karnataka. However, it is likely to be below normal over many parts of North West India, Central India, West India, East & North East India and South India.
- **Week 2 (09.01.2025 to 15.01.2026):** Maximum temperature is likely to be above normal over many parts of North West India, Chhattisgarh, Odisha, Arunachal Pradesh, some parts of Assam, Saurashtra & Kutch and South Karnataka. However, it is likely to be below normal over Uttar Pradesh, Haryana, many parts of Central India, West India, East India, Nagaland Manipur Mizoram & Tripura (NMMT) region and South India.




**Minimum Temperature (Tmin)**

- **Week 1 (02.01.2025 to 08.01.2026):** Minimum temperature is likely to be below normal over East India, Central India, many parts of North West India, Maharashtra, Coastal Andhra Pradesh, Telangana and Kerala. However, it is likely to be above normal over Jammu & Kashmir, East Rajasthan, Gujarat, South Karnataka, Rayalaseema, many parts of North East India and Tamil Nadu.
- **Week 2 (09.01.2025 to 15.01.2026):** Minimum temperature is likely to be below normal over most parts of the country except Jammu & Kashmir, Saurashtra & Kutch, some parts of Himachal Pradesh, Nagaland Manipur Mizoram & Tripura (NMMT) region and South Karnataka.