

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



**GRAMIN KRISHI MAUSAM SEWA AMFU,
AICRP- Agrometeorology, UAS,GKVK
Bengaluru – 560 065**



Date:30-12-2025

**AGRO-ADVISORY BULLETIN FOR KOLAR DISTRICT
Issued jointly by UAS, Bangalore & Indian Meteorological Department**

Past Weather Data (26-12-2025 to 30-12-2025)

| Parameter | 26.12.2025 | 27.12.2025 | 28.12.2025 | 29.12.2025 | 30.12.2025 |
|----------------------------------|------------|------------|------------|------------|------------|
| 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 31-12-2025 to 04-01-2026)

| Parameter | 31.12.2025 | 01.01.2026 | 02.01.2026 | 03.01.2026 | 04.01.2026 |
|----------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 1 | 2 | 0 | 0 |
| Max. Temp. (°C) | 29 | 28 | 29 | 28 | 29 |
| Min. Temp. (°C) | 15 | 14 | 15 | 14 | 15 |
| Sky condition (Octas) | 3 | 4 | 3 | 2 | 1 |
| Relative humidity (%) 0830 hours | 92 | 93 | 93 | 88 | 86 |
| Relative humidity (%) 1730 hours | 33 | 34 | 37 | 32 | 37 |
| Wind Speed (kmph) | 4 | 6 | 4 | 6 | 4 |
| Wind Direction | 11 | 154 | 148 | 107 | 360 |

Forecast Summary

As forecast received from IMD, cloudy sky with **No rain** expected from **31.12.2025 to 04.01.2026** in **Kolar District**. The day temperature is expected to be 28.0-29.0°C and night temperature is expected to be 14.0-15.0°C. The relative humidity in the morning hours is expected to be 86-93 % and afternoon relative humidity is expected to be in the range of 32-37 %, 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

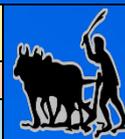
1. Right time for harvesting, drying, cleaning and storage of Rabi crops.
2. Apply **neem leaves/neem powder** in grain bags as a natural repellent.
3. For long-term storage of pulses, store with **tri-sodium phosphate (TSP) treated** gunny sacks to reduce bruchid attack.

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 The grain moisture reaches about 14%. |
| Maize | Post harvest | Store grains at 12% moisture or below. Store grains in air-tight, moisture-proof bags (HDPE, PICS, or gunny bags with polyliners). |
| 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 stage | Spray Carbendazim 1 g/l of water or Copper oxychloride 2.5 g/l of water for anthracnose. For thrips, use Fipronil 1 g/l of water or Neem oil 3 ml/l of water. Avoid water stagnation in crop field. |
| Rose | Flowering stage | Powdery mildew <i>Trichoderma spp./Bacillus subtilis</i> foliar spray @5 g/l of water Chemical control: Spray Wettable Sulphur @ 2 g/litre |



| | | |
|--------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Spray Imidacloprid 17.8 SL @ 0.3 ml/litre for control of aphids Install the sticky yellow traps to reduce the pest population. |
| Guava | Fruit development | Fruit fly (<i>Bactrocera spp.</i>) spray entomopathogenic fungus (<i>Beauveria bassiana</i>) @ 10 g/litre water on infested fruits. Use Methyl eugenol traps (10/acre) for fruit fly. Spray Imidacloprid 0.3 ml/L for control of aphids and mealy bug infestation. |
| Mango | Flowering stage | To control of green leaf hopper in Mango spray Imidacloprid 17.8 SL @ 0.3 ml /l of water To control of powdery mildew in Mango spray wettable sulphur @ 3 g /l of water in leaf and flower parts of affected parts. Avoid irrigation during flowering unless severe moisture stress is observed. |

| Livestock, Poultry, and Sericulture Advisory (Very light Rainfall & High Temperature) | |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sector | Weather-Based Advisory |
| Livestock | <ol style="list-style-type: none"> 1. Provide dry and clean shelter; avoid animals standing in wet areas. 2. Provide ample clean drinking water. 3. Monitor for tick and mite infestations; use approved acaricides if needed. 4. Provide balanced feed and mineral supplements. 5. Minimum temperatures cause cold stress in young calves/kids. Provide bedding (dry straw) and night shelter to reduce cold exposure. |
| Sericulture | <p>Humid and rainy conditions increase grasserie, flacherie and fungal diseases</p> <ol style="list-style-type: none"> 1. Maintain proper rearing house hygiene, clean and disinfect trays. 2. The recommendation of farmers closes the windows with tarpaulins sheet during night hours to maintain optimum room temperature. 3. Avoid wet or damp mulberry leaves, use air-dried or well-drained leaves. |
| Poultry | <ol style="list-style-type: none"> 1. Cool early mornings need brooder temperature maintenance for chicks. 2. Maintain poultry shed dryness; use lime powder to reduce moisture. 3. Provide electrolytes + vitamins in water for immunity. 4. Cool, humid mornings favor: CRD (Chronic Respiratory Disease), Coccidiosis, Colibacillosis- Follow routine vaccinations strictly (Ranikhet, IBD). 5. Maintain optimum lighting schedule to support winter egg production. |

| Block level weather forecast (From 31-12-2025 to 04-01-2026) | | | | | |
|--------------------------------------------------------------|------------|------------|------------|------------|------------|
| BANGARPET BLOCK | | | | | |
| Parameter | 31.12.2025 | 01.01.2026 | 02.01.2026 | 03.01.2026 | 04.01.2026 |

| | | | | | |
|-----------------------------------------|-----|----|-----|-----|----|
| Rainfall (mm) | 0 | 1 | 1 | 0 | 0 |
| Max. temp (°C) | 27 | 28 | 27 | 27 | 27 |
| Min.Temp (°C) | 15 | 16 | 17 | 17 | 15 |
| Sky condition (Octas) | 4 | 3 | 3 | 2 | 1 |
| Relative humidity (%) 0830 hours | 98 | 98 | 96 | 96 | 94 |
| Relative humidity (%) 1730 hours | 36 | 45 | 47 | 48 | 42 |
| Wind Speed (kmph) | 6 | 3 | 3 | 8 | 7 |
| Wind Direction | 349 | 90 | 146 | 100 | 96 |

| KOLAR BLOCK | | | | | |
|-----------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Parameter | 31.12.2025 | 01.01.2026 | 02.01.2026 | 03.01.2026 | 04.01.2026 |
| Rainfall (mm) | 0 | 1 | 0 | 0 | 0 |
| Max. temp (°C) | 28 | 28 | 28 | 28 | 27 |
| Min.Temp (°C) | 16 | 17 | 18 | 17 | 15 |
| Sky condition (Octas) | 3 | 2 | 1 | 1 | 1 |
| Relative humidity (%) 0830 hours | 95 | 94 | 92 | 93 | 93 |
| Relative humidity (%) 1730 hours | 37 | 45 | 43 | 42 | 36 |
| Wind Speed (kmph) | 3 | 4 | 5 | 9 | 9 |
| Wind Direction | 13 | 112 | 132 | 105 | 72 |

| MALUR BLOCK | | | | | |
|-----------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Parameter | 31.12.2025 | 01.01.2026 | 02.01.2026 | 03.01.2026 | 04.01.2026 |
| Rainfall (mm) | 0 | 1 | 1 | 0 | 0 |
| Max. temp (°C) | 28 | 28 | 28 | 27 | 28 |
| Min.Temp (°C) | 16 | 17 | 18 | 17 | 15 |
| Sky condition (Octas) | 4 | 3 | 2 | 2 | 2 |
| Relative humidity (%) 0830 hours | 94 | 93 | 93 | 94 | 94 |
| Relative humidity (%) 1730 hours | 37 | 43 | 44 | 44 | 36 |
| Wind Speed (kmph) | 5 | 5 | 4 | 10 | 9 |
| Wind Direction | 18 | 104 | 153 | 107 | 108 |

| MULBAGIL BLOCK | | | | | |
|-----------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Parameter | 31.12.2025 | 01.01.2026 | 02.01.2026 | 03.01.2026 | 04.01.2026 |
| Rainfall (mm) | 0 | 1 | 0 | 0 | 0 |
| Max. temp (°C) | 28 | 28 | 28 | 27 | 26 |
| Min.Temp (°C) | 15 | 16 | 17 | 17 | 15 |
| Sky condition (Octas) | 3 | 2 | 1 | 1 | 1 |
| Relative humidity (%) 0830 hours | 99 | 99 | 97 | 97 | 94 |
| Relative humidity (%) 1730 hours | 37 | 47 | 47 | 47 | 46 |
| Wind Speed (kmph) | 5 | 1 | 3 | 6 | 7 |
| Wind Direction | 346 | 124 | 126 | 100 | 51 |

| SRINIVASPURA BLOCK | | | | | |
|----------------------------------|------------|------------|------------|------------|------------|
| Parameter | 31.12.2025 | 01.01.2026 | 02.01.2026 | 03.01.2026 | 04.01.2026 |
| Rainfall (mm) | 0 | 1 | 1 | 0 | 0 |
| Max. temp (°C) | 28 | 28 | 28 | 27 | 27 |
| Min.Temp (°C) | 16 | 17 | 18 | 17 | 16 |
| Sky condition (Octas) | 4 | 3 | 3 | 3 | 2 |
| Relative humidity (%) 0830 hours | 94 | 95 | 92 | 95 | 94 |
| Relative humidity (%) 1730 hours | 36 | 43 | 45 | 44 | 36 |
| Wind Speed (kmph) | 3 | 4 | 5 | 10 | 9 |
| Wind Direction | 339 | 149 | 153 | 126 | 114 |

| KGF BLOCK | | | | | |
|----------------------------------|------------|------------|------------|------------|------------|
| Parameter | 31.12.2025 | 01.01.2026 | 02.01.2026 | 03.01.2026 | 04.01.2026 |
| Rainfall (mm) | 0 | 1 | 1 | 0 | 0 |
| Max. temp (°C) | 30 | 30 | 30 | 30 | 29 |
| Min.Temp (°C) | 17 | 18 | 19 | 18 | 16 |
| Sky condition (Octas) | 3 | 2 | 3 | 3 | 2 |
| Relative humidity (%) 0830 hours | 94 | 96 | 96 | 95 | 95 |
| Relative humidity (%) 1730 hours | 38 | 45 | 41 | 43 | 38 |
| Wind Speed (kmph) | 5 | 3 | 1 | 2 | 2 |
| Wind Direction | 333 | 14 | 135 | 90 | 90 |

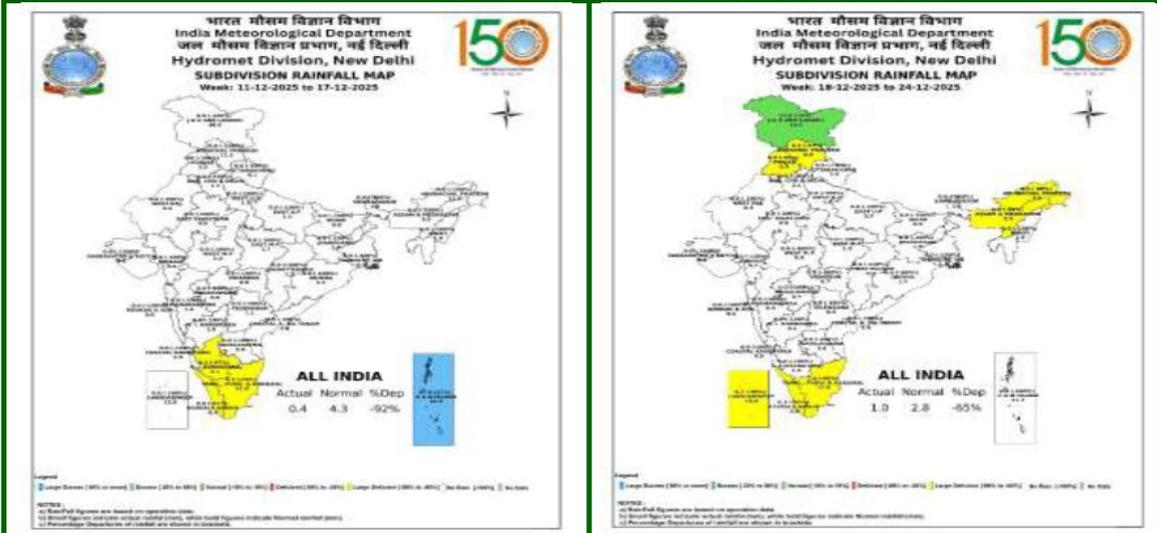
- Download “DAMINI” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “MAUSAM” APP for location specific forecast & warning & “MEGHDOOT” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

For any information farmers can contact **Dr. M. N. Thimmegowda**, Professor & Head/
Mr. L. Nagesha, Technical officer over phone No. [9741109702](tel:9741109702)/ [9008454142](tel: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)

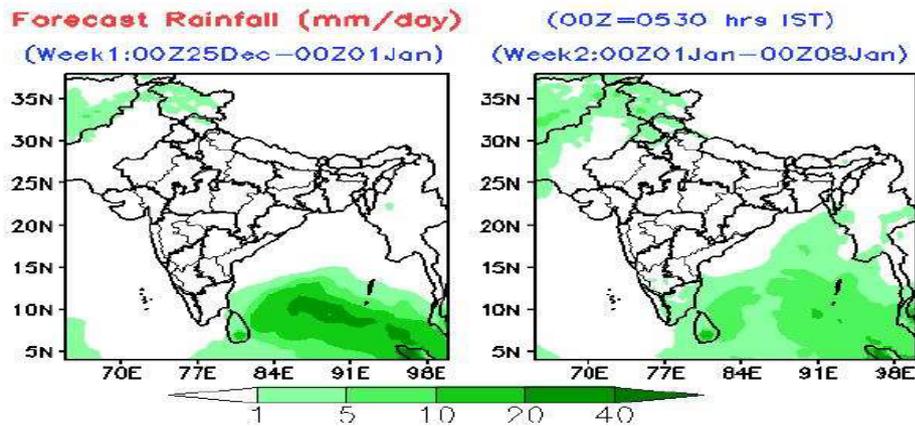
Realized Rainfall
(11th to 24th December, 2025)



- Normal or above normal rainfall occurred in either of the two weeks over Jammu & Kashmir and Andaman & Nicobar Islands.
- Below Normal rainfall / No rain occurred in both the weeks over rest of the States & UTs.

Extended Range Forecast System

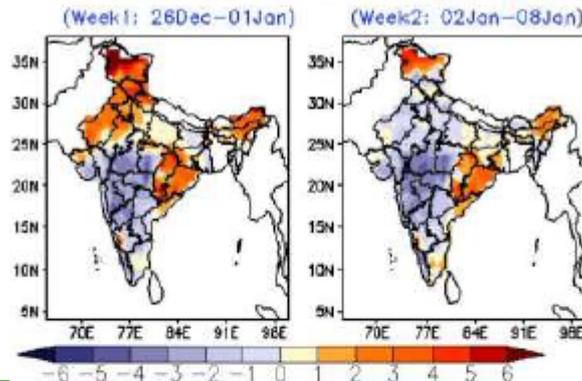
**Rainfall forecast maps for the next 2 weeks (IC- 24th December, 2025)
(26th December, 2025 to 08th January, 2026)**



- **Week 1 (26.12.2025 to 01.01.2026):** Rainfall is likely over Jammu & Kashmir and Andaman & Nicobar Islands.
- **Week 2 (02.01.2026 to 08.01.2026):** Rainfall is likely over Jammu & Kashmir, Himachal Pradesh, Punjab, Tamil Nadu, Kerala and Andaman & Nicobar Islands.

**Maximum and Minimum temperature anomaly (°C) forecast
for the next 2 weeks (IC- 24th December, 2025)
(26th December, 2025 to 08th January, 2026)**

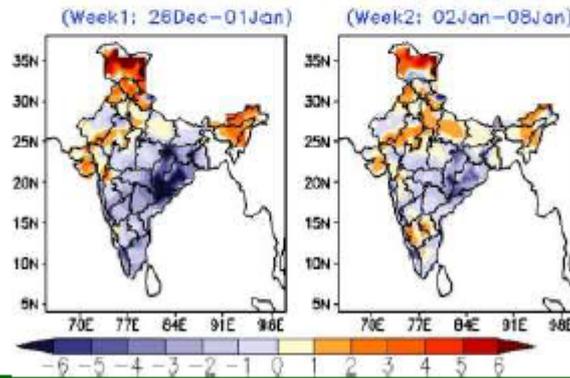
MME forecast Tmax anomaly (Deg C)



Maximum Temperature (Tmax)

- **Week 1 (26.12.2025 to 01.01.2026):** Maximum temperature is likely to be above normal over North West India, North East India, Chhattisgarh, Odisha and North Coastal Andhra Pradesh. However, it is likely to be below normal over many part of Central India, West India and South India.
- **Week 2 (02.01.2025 to 08.01.2026):** Maximum temperature is likely to be above normal over Jammu & Kashmir, Chhattisgarh, Odisha, Arunachal Pradesh, Assam, some parts of Gangetic West Bengal, Tamil Nadu and Coastal Andhra Pradesh. However, it is likely to be below normal over many parts of North West India, Central India, West India, Telangana, North Karnataka, Kerala and Andhra Pradesh.

MME forecast Tmin anomaly (Deg C)



Minimum Temperature (Tmin)

- **Week 1 (26.12.2025 to 01.01.2026):** Minimum temperature is likely to be below normal over East India, Central India, Maharashtra and South India and above normal over North West India, North East India, Gujarat and parts of Bihar.
- **Week 2 (02.01.2025 to 08.01.2026):** Minimum temperature is likely to be below normal over Odisha, Chhattisgarh, Telangana, Coastal Andhra Pradesh and many parts of Maharashtra. However, it is likely to be above normal over many parts of North West India, North East India, Gujarat, Bihar and Karnataka.