

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



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Date: 27-02-2026

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

Past Weather Data (20-02-2026 to 24-02-2026)

| Parameter | 23.02.2026 | 24.02.2026 | 25.02.2026 | 26.02.2026 | 27.02.2026 |
|----------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max. Temp. (°C) | 32.2 | 31.8 | 32.0 | 31.8 | 31.0 |
| Min. Temp. (°C) | 18.0 | 18.6 | 17.8 | 18.0 | 18.2 |
| Sky condition (Octas) | 0 | 0 | 0 | 0 | 0 |
| Relative humidity (%) 0830 hours | 85 | 78 | 87 | 82 | 85 |
| Relative humidity (%) 1730 hours | 47 | 50 | 49 | 51 | -- |
| Wind Speed (km/h) | 6.9 | 4.8 | 5.0 | 3.2 | 4.4 |
| Wind Direction | 140 | 90 | 90 | 90 | 180 |



Weather forecast for the next five days (From 28-02-2026 to 04-03-2026)

| Parameter | 28.02.2026 | 01.03.2026 | 02.03.2026 | 03.03.2026 | 04.03.2026 |
|----------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max. Temp. (°C) | 31 | 32 | 31 | 31 | 32 |
| Min. Temp. (°C) | 21 | 21 | 20 | 21 | 20 |
| Sky condition (Octas) | 2 | 3 | 4 | 3 | 2 |
| Relative humidity (%) 0830 hours | 74 | 71 | 71 | 75 | 73 |
| Relative humidity (%) 1730 hours | 44 | 45 | 42 | 43 | 43 |
| Wind Speed (kmph) | 4 | 6 | 4 | 6 | 4 |
| Wind Direction | 183 | 193 | 183 | 156 | 131 |

Forecast Summary

As forecast received from IMD, cloudy sky with **No rain** expected from **28-02-2026 to 04-03-2026** in Bengaluru Urban District. The day temperature is expected to be 31.0-32.0°C and night temperature is expected to be 20.0-21.0°C. The relative humidity in the morning hours is expected to be 71-74 % and afternoon relative humidity is expected to be in the range of 42-45 %, Wind speed is expected to be 4-6 km/hr.

SMS Advisory

Due to low temperature in night promotes flower drop and flower to fruit setting ratio was drastically decreased observed in mango orchard. Spray NAA 20 ppm during early fruit set and reduce drop.



Recommendations to the farmers: -

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

General Advisory:

Field Crops

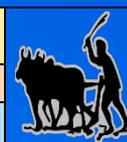
1. Right time for harvesting, drying, cleaning and storage of Rabi crops.
2. Apply **neem leaves/neem powder** in grain bags as a natural repellent.
3. For long-term storage of pulses, store with **tri-sodium phosphate (TSP) treated** gunny sacks to reduce bruchid attack.

Vegetables & Horticulture

1. Watch for fruit borer and shoot borer in fruit development stage.
2. Spray the chemicals early morning and late evening for better pest and disease control.

Livestock & Poultry

1. Maintain optimum lighting schedule to support winter egg production
2. Give dry fodder and provide shelter to animals in evening higher humidity.
3. Maintain hygiene in sheds to prevent infections.



| Crop | Stage | Pest & Diseases | Weather-Based Agromet Advisory |
|-------------------|--------------------------------------|-----------------|---|
| Cowpea | Post harvest stage | | Harvest fully matured and dried pods during morning hours to avoid shattering loss and dry in clean tarpaulins until grain moisture reaches about 15%. Remove damaged, shrivelled and pest-infested grains. Proper grading improves market value. |
| Field bean | Post harvest stage | | Harvest the matured pod and dry in clean tarpaulins until grain moisture reaches about 15%. Store in airtight containers or HDPE bags. Use phosphine fumigation only under expert supervision. |
| Chilli | Fruit development stage | Thrips | For thrips, use Fipronil 1 g/l of water or Neem oil 3 ml/l of water. Apply recommended dose of potash to improve fruit quality and pungency. Foliar spray of micronutrients (Zn + Boron) if deficiency symptoms appear. |
| Rose | Flowering stage | Aphids | Maintain regular irrigation at 4–6-day intervals. Avoid moisture stress to ensure good bud size and quality. To control of aphids in rose to spray Dimethoate 30 EC @ 1.7 ml/litre of water. |
| Guava | Fruit development and Ripening stage | Fruit fly | Maintain regular irrigation. Adopt mulching (dry leaves/straw) to conserve soil moisture. Apply recommended dose of potash to improve fruit size and quality. Foliar spray of micronutrients (Zn + Boron) if deficiency symptoms appear. 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. |

Livestock, Poultry, and Sericulture Advisory

| 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 clean and cool drinking water 3–4 times/day. Ensure sufficient water availability at all times. 3. Monitor for tick and mite infestations; use approved acaricides if needed. 4. Provide balanced feed and mineral supplements. 5. Provide shade, proper ventilation, and sprinkle water on shed roof if needed during peak afternoon heat. 6. Continue vaccination and deworming schedules. Observe for signs of heat stress (panting, reduced feed intake). |
| Sericulture | <ol style="list-style-type: none"> 1. Chawki (early stage): Maintain temperature 26–28°C and RH 75–85%. Sprinkle water on floor to maintain humidity if required. 2. Late age larvae: Maintain temperature 24–26°C and RH 65–70%. Ensure good ventilation to prevent disease incidence. 3. Provide fresh, tender leaves in required quantity. Avoid wilted leaves. 4. Disinfect rearing house and appliances before batch rearing. Remove bed refuse regularly. |
| Poultry | <ol style="list-style-type: none"> 1. Ensure proper airflow in poultry sheds. Use fans if necessary. 2. Provide cool water with electrolytes during hot hours. 3. Provide electrolytes + vitamins in water for immunity. 4. Keep litter dry to prevent ammonia accumulation. 5. Maintain biosecurity measures and regular health monitoring |

Block level weather forecast (From 28-02-2026 to 04-03-2026)

BENGALURU EAST BLOCK

| Parameter | 28.02.2026 | 01.03.2026 | 02.03.2026 | 03.03.2026 | 04.03.2026 |
|---|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max. temp (°C) | 31 | 32 | 33 | 34 | 34 |
| Min.Temp (°C) | 21 | 21 | 21 | 21 | 20 |
| Sky condition (Octas) | 2 | 3 | 2 | 1 | 2 |
| Relative humidity (%) 0830 hours | 65 | 64 | 66 | 61 | 63 |
| Relative humidity (%) 1730 hours | 28 | 25 | 22 | 19 | 19 |
| Wind Speed (kmph) | 4 | 11 | 8 | 8 | 7 |
| Wind Direction | 233 | 171 | 200 | 175 | 174 |

BENGALURU NORTH BLOCK

| Parameter | 28.02.2026 | 01.03.2026 | 02.03.2026 | 03.03.2026 | 04.03.2026 |
|---|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max. temp (°C) | 31 | 32 | 33 | 34 | 34 |
| Min.Temp (°C) | 21 | 21 | 21 | 21 | 20 |
| Sky condition (Octas) | 2 | 3 | 2 | 1 | 2 |
| Relative humidity (%) 0830 hours | 65 | 64 | 66 | 61 | 63 |
| Relative humidity (%) 1730 hours | 28 | 25 | 22 | 19 | 19 |

| | | | | | |
|--------------------------|-----|-----|-----|-----|-----|
| Wind Speed (kmph) | 4 | 11 | 8 | 8 | 7 |
| Wind Direction | 233 | 171 | 200 | 175 | 174 |

BENGALURU SOUTH BLOCK

| Parameter | 28.02.2026 | 01.03.2026 | 02.03.2026 | 03.03.2026 | 04.03.2026 |
|---|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max. temp (°C) | 31 | 32 | 33 | 34 | 34 |
| Min.Temp (°C) | 21 | 21 | 21 | 21 | 20 |
| Sky condition (Octas) | 2 | 3 | 2 | 1 | 2 |
| Relative humidity (%) 0830 hours | 65 | 64 | 66 | 61 | 63 |
| Relative humidity (%) 1730 hours | 28 | 25 | 22 | 19 | 19 |
| Wind Speed (kmph) | 4 | 11 | 8 | 8 | 7 |
| Wind Direction | 233 | 171 | 200 | 175 | 174 |

ANEKAL BLOCK

| Parameter | 28.02.2026 | 01.03.2026 | 02.03.2026 | 03.03.2026 | 04.03.2026 |
|---|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max. temp (°C) | 30 | 32 | 32 | 34 | 33 |
| Min.Temp (°C) | 20 | 20 | 20 | 19 | 18 |
| Sky condition (Octas) | 2 | 3 | 2 | 1 | 2 |
| Relative humidity (%) 0830 hours | 70 | 70 | 69 | 71 | 72 |
| Relative humidity (%) 1730 hours | 31 | 27 | 24 | 20 | 21 |
| Wind Speed (kmph) | 2 | 8 | 6 | 7 | 6 |
| Wind Direction | 169 | 153 | 173 | 155 | 169 |

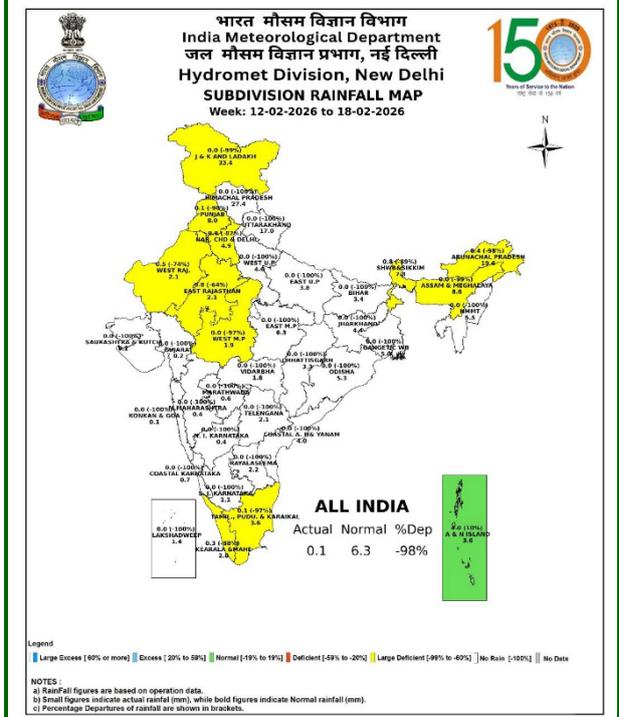
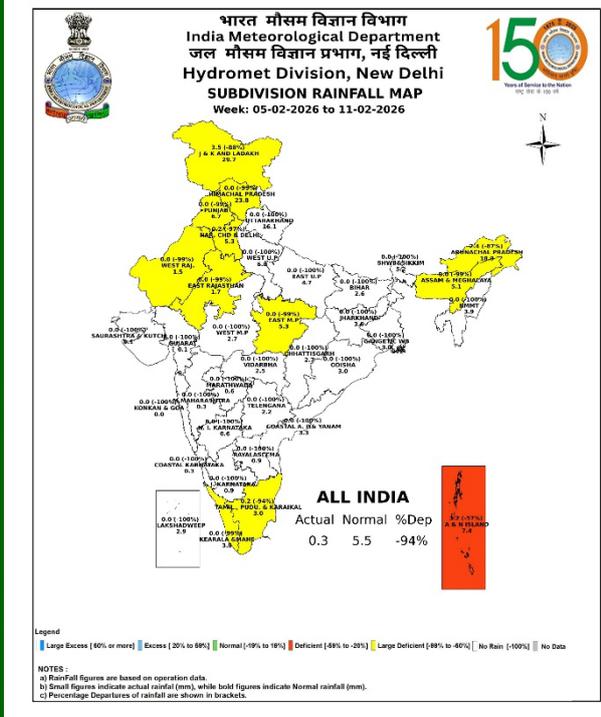
- Download “DAMINI” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “MAUSAM”APP for location specific forecast & warning & “MEGHDOOT” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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,
AICRPAM, Bengaluru**

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

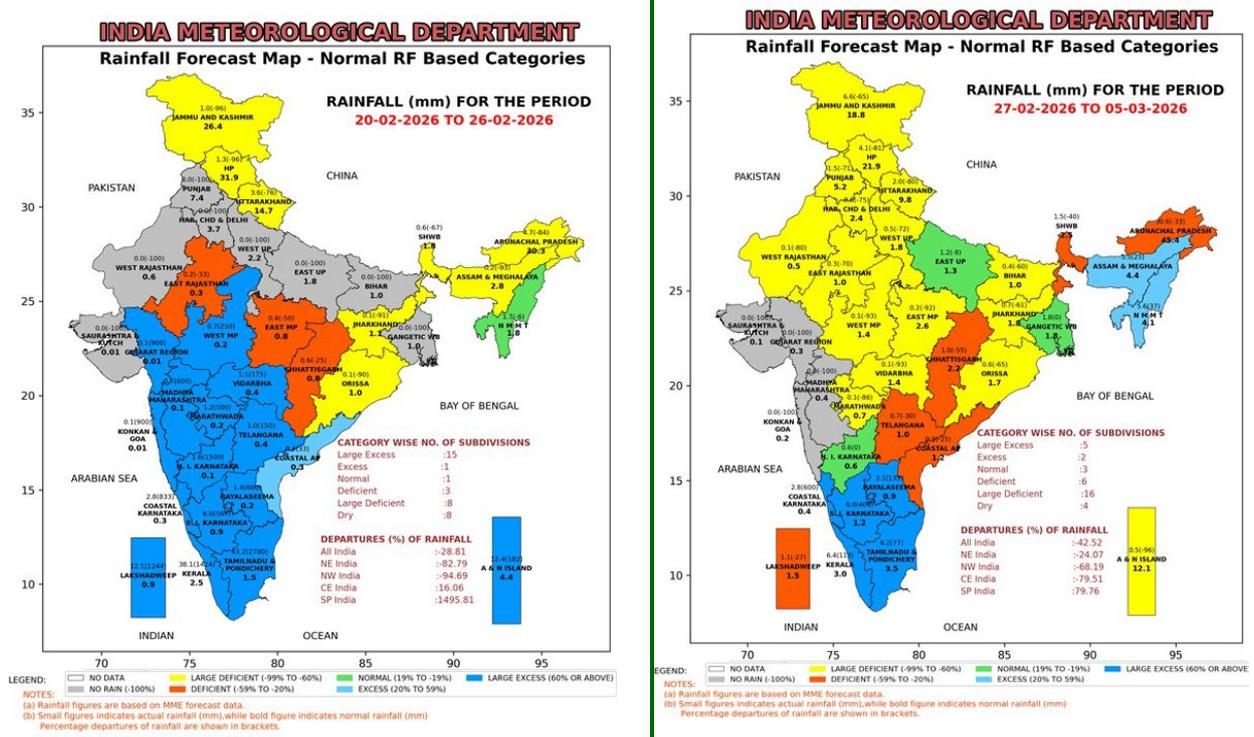
Realized Rainfall
 (05th to 18th February 2026)



- Normal or above normal rainfall occurred in either of the two weeks over 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- 18th February, 2026) (20th February to 05th March 2026)



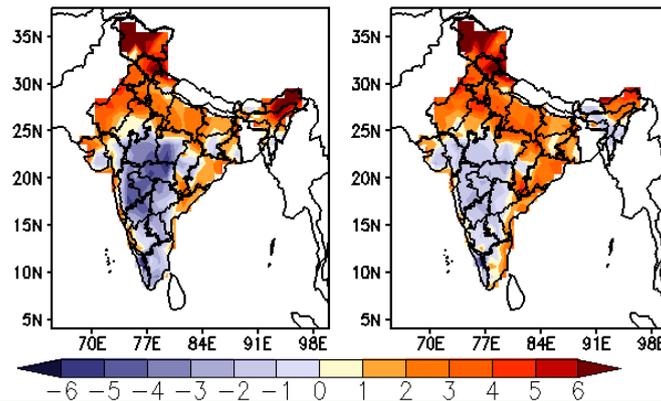
- **Week 1 (20.02.2025 to 26.02.2026):** Rainfall is likely to be above normal over Kerala and adjoining parts of South Interior Karnataka and Tamil Nadu. Rainfall is likely over some parts of Arunachal Pradesh and Uttarakhand.
- **Week 2 (27.02.2025 to 05.03.2026):** Rainfall is likely over some parts of Kerala, Tamil Nadu, South Interior Karnataka, Jammu & Kashmir, Assam, North East India and adjoining parts of Himachal Pradesh.

Maximum and Minimum temperature anomaly (°C) forecast for the next 2 weeks (IC- 11th February, 2026) (13th to 26th February, 2026)

MME forecast Tmax anomaly (Deg C)

(Week1: 20Feb-26Feb)

(Week2: 27Feb-05Mar)



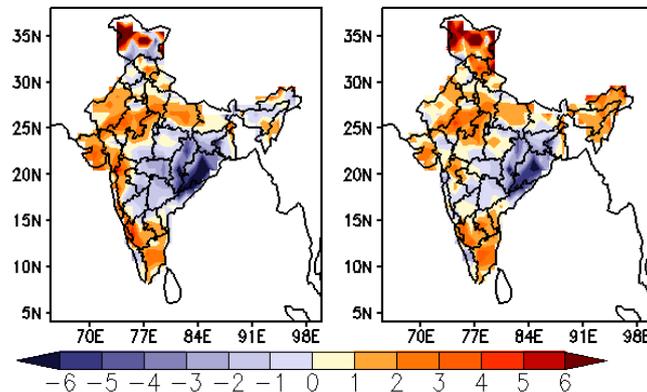
Maximum Temperature (Tmax)

- **Week 1 (20.02.2025 to 26.02.2026):** Maximum temperature is likely to be above normal over North West India, East India, North East India, Chhattisgarh, Coastal Andhra Pradesh, coastal Karnataka, Konkan-Goa and many parts of Gujarat. However, it is likely to be below normal over many parts of Central India, Maharashtra and many parts of South India.
- **Week 2 (27.02.2025 to 05.03.2026):** Maximum temperature is likely to be above normal over many parts of North West India, East India, North East India, Chhattisgarh, Tamil Nadu, Coastal Andhra Pradesh and some parts of Saurashtra-Kutch. However, it is likely to be below normal over many parts of Central India, Maharashtra, Telangana, Rayalaseema, Karnataka and Kerala.

MME forecast Tmin anomaly (Deg C)

(Week1: 20Feb-26Feb)

(Week2: 27Feb-05Mar)



Minimum Temperature (Tmin)

- **Week 1 (20.02.2025 to 26.02.2026):** Minimum temperature is likely to be below normal over many parts of East India, Chhattisgarh, Marathwada, Vidarbha, Telangana, Coastal Andhra Pradesh and Kerala. However, it is likely to be above normal over North West India, West Madhya Pradesh, Bihar, Gujarat, Madhya Maharashtra, South Karnataka, Tamil Nadu, Rayalaseema and some parts of North East India.
- **Week 2 (27.02.2025 to 05.03.2026):** Minimum temperature is likely to be below normal over Odisha, Jharkhand, Chhattisgarh, Telangana and Vidarbha. However, it is likely to be above normal over many parts of North West India, Bihar, Gujarat, some parts of Madhya Maharashtra, Madhya Pradesh, Karnataka, Rayalaseema, Southern parts of Coastal Andhra Pradesh and North East India.

