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

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**Bengaluru – 560 065**

**Date:15-05-2026**

## AGRO-ADVISORY BULLETIN FOR BENGALURU RURAL DISTRICT

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

**Past Weather Data (11-05-2026 to 15-05-2026)**

| Parameter | 11.05.2026 | 12.05.2026 | 13.05.2026 | 14.05.2026 | 15.05.2026 |
|---|---|---|---|---|---|
| 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 16-05-2026 to 20-05-2026)**

| Parameter | 16.05.2026 | 17.05.2026 | 18.05.2026 | 19.05.2026 | 20.05.2026 |
|---|---|---|---|---|---|
| Rainfall (mm) | 2 | 2 | 3 | 3 | 0 |
| Max. Temp. (°C) | 34 | 35 | 34 | 35 | 34 |
| Min. Temp. (°C) | 23 | 23 | 24 | 23 | 23 |
| Sky condition (Octas) | 6 | 6 | 6 | 6 | 4 |
| Relative humidity (%) 0830 hours | 82 | 81 | 80 | 80 | 81 |
| Relative humidity (%) 1730 hours | 30 | 36 | 39 | 39 | 38 |
| Wind Speed (kmph) | 4 | 6 | 6 | 6 | 4 |
| Wind Direction | 304 | 215 | 247 | 250 | 272 |

**Forecast Summary**

**As forecast received from IMD, clear sky with Light rain forecasted in 16th to 19th May 2026 and 10th to 20th May is No Rainfall forecasted in Bengaluru Rural District. The day temperature is expected to be 34.0-35.0°C and night temperature is expected to be 23.0-24.0°C. The relative humidity in the morning hours is expected to be 80-82 % and afternoon relative humidity is expected to be in the range of 30-39 %, Wind speed is expected to be 4-6 km/hr.**

**SMS Advisory**

The southwest monsoon is likely to set in over Kerala on 26th May 2026. The Conditions are favourable for the advance of southwest monsoon over parts of south Bay of Bengal, Andaman Sea and Andaman & Nicobar Islands around 16th May, 2026.

| Recommendations to the farmers: - | | | |
|---|---|---|---|
| **Crop** | **Pest/Disease** | **Damage symptoms** | **Control measures** |
| **General Advisory:** | | | |

**Field Crops**

1. **Summer Ploughing:** Perform deep ploughing immediately after the previous harvest to expose the soil to the sun. This kills hibernating pests, pathogens, and weed seeds.
2. **Soil Testing:** Collect soil samples before applying any amendments. This ensures precise nutrient application
3. **In-situ Moisture Conservation:** Repair and strengthen field bunds to prevent runoff and ensure every drop of early monsoon rain is retained in the soil.

**Vegetables & Horticulture**

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

| Crop | Stage | Pest and Diseases | Weather-Based Agromet Advisory |
|---|---|---|---|
| **Pre Kharif land preparation** | | | Apply well-decomposed **Farmyard Manure (FYM)** or compost at 10–12 tons/ha at least 15–20 days before sowing to improve soil structure and water-holding capacity.<br>**Tank Silt:** Application of tank silt @ 20-25 tonne/acre of land to improve water holding capacity of soil.<br>**Green Manuring:** If early showers occur, sow green manure crops like Sunnhemp or Dhaincha and incorporate them into the soil after 45 days to boost nitrogen levels. |
| **Chrysanthemum** | Flowering | Aphids | Spray Neem Oil (3 ml/L) or Imidacloprid (0.5 ml/L). If the temperature exceeds $35^0$C, use a 50% shade net to control excessive heat during summer. |
| **Grapes** | Shoot and leaf growth stage | Thrips | Install Blue Sticky Traps (15/acre). Spray Spinosad @ 0.3ml/ l of water or Neem Oil @ 3ml/ l of water |
| **Chilli** | Maturity stage | Thrips | For thrips, use Fipronil 1 g/l of water or Neem oil 3 ml/l of water<br>Apply recommended dose of potash to improve fruit quality and pungency. Foliar spray of micronutrients (Zn + Boron) if deficiency symptoms appear. |
| **Tomato** | Fruit development stage | Mites and fruit borer | Continue irrigation at regular intervals. Watch for mites and fruit borer incidence under dry conditions. |
| **Rose** | Flowering stage | Aphids | Maintain regular irrigation at 4-6 days 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. Use a 50 % shade net to control excessive heat during summer. |
| **Guava** | Fruit development and maturity stage | Fruit fly | Maintain regular irrigation. Adopt mulching (dry leaves/straw) to conserve soil moisture.<br>Apply recommended dose of potash to improve fruit size and quality. Foliar spray of micronutrients (Zn + Boron) if deficiency symptoms appear.<br>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. |

| **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 clean and cool drinking water **3–4 times/day**. Ensure sufficient water availability at all times.<br>3. Monitor for tick and mite infestations; use approved acaricides if needed.<br>4. Provide balanced feed and mineral supplements.<br>5. Provide shade, proper ventilation, and sprinkle water on shed roof if needed during peak afternoon heat.<br>6. Continue vaccination and deworming schedules. Observe for signs of heat stress (panting, reduced feed intake). |
| **Sericulture** | 1. Chawki (early stage): Maintain temperature 26–28°C and RH 75–85%. Sprinkle water on floor to maintain humidity if required.<br>2. Late age larvae: Maintain temperature 24–26°C and RH 65–70%. Ensure good ventilation to prevent disease incidence.<br>3. Provide fresh, tender leaves in required quantity. Avoid wilted leaves.<br>4. Disinfect rearing house and appliances before batch rearing. Remove bed refuse regularly. |
| **Poultry** | 1. Ensure proper airflow in poultry sheds. Use fans if necessary.<br>2. Provide cool water with electrolytes during hot hours.<br>3. Provide **electrolytes + vitamins** in water for immunity.<br>4. Keep litter dry to prevent ammonia accumulation.<br>5. Maintain biosecurity measures and regular health monitoring. |

| **Block level weather forecast (From 16-05-2026 to 20-05-2026)** | | | | | |
|---|---|---|---|---|---|
| **DEVANAHALLI BLOCK** | | | | | |
| **Parameter** | **16.05.2026** | **17.05.2026** | **18.05.2026** | **19.05.2026** | **20.05.2026** |
| **Rainfall (mm)** | 0 | 2 | 6 | 12 | 0 |
| **Max. Temp (°C)** | 36 | 34 | 34 | 34 | 34 |
| **Min.Temp (°C)** | 24 | 23 | 23 | 24 | 23 |
| **Sky condition (Octas)** | 8 | 7 | 7 | 7 | 5 |
| **Relative humidity (%) 0830 hours** | 76 | 83 | 86 | 82 | 83 |

| | | | | | |
|---|---|---|---|---|---|
| **Relative humidity (%) 1730 hours** | 25 | 34 | 34 | 37 | 38 |
| **Wind Speed (kmph)** | 7 | 11 | 10 | 15 | 17 |
| **Wind Direction** | 280 | 262 | 258 | 264 | 266 |

| DODDABALLAPURA BLOCK | | | | | |
|---|---|---|---|---|---|
| **Parameter** | **16.05.2026** | **17.05.2026** | **18.05.2026** | **19.05.2026** | **20.05.2026** |
| **Rainfall (mm)** | 0 | 4 | 7 | 7 | 0 |
| **Max. Temp (°C)** | 35 | 34 | 34 | 34 | 34 |
| **Min.Temp (°C)** | 24 | 23 | 22 | 23 | 23 |
| **Sky condition (Octas)** | 8 | 8 | 7 | 7 | 5 |
| **Relative humidity (%) 0830 hours** | 75 | 82 | 86 | 84 | 84 |
| **Relative humidity (%) 1730 hours** | 27 | 36 | 34 | 38 | 36 |
| **Wind Speed (kmph)** | 7 | 7 | 8 | 13 | 16 |
| **Wind Direction** | 285 | 264 | 246 | 258 | 271 |

| HOSKOTE BLOCK | | | | | |
|---|---|---|---|---|---|
| **Parameter** | **16.05.2026** | **17.05.2026** | **18.05.2026** | **19.05.2026** | **20.05.2026** |
| **Rainfall (mm)** | 0 | 2 | 6 | 12 | 0 |
| **Max. Temp (°C)** | 36 | 34 | 34 | 34 | 34 |
| **Min.Temp (°C)** | 24 | 23 | 23 | 24 | 23 |
| **Sky condition (Octas)** | 8 | 7 | 7 | 7 | 5 |
| **Relative humidity (%) 0830 hours** | 77 | 83 | 86 | 82 | 83 |
| **Relative humidity (%) 1730 hours** | 25 | 34 | 34 | 37 | 37 |
| **Wind Speed (kmph)** | 7 | 11 | 10 | 15 | 17 |
| **Wind Direction** | 280 | 262 | 256 | 264 | 268 |

| NELAMANGALA BLOCK | | | | | |
|---|---|---|---|---|---|
| **Parameter** | **16.05.2026** | **17.05.2026** | **18.05.2026** | **19.05.2026** | **20.05.2026** |
| **Rainfall (mm)** | 1 | 2 | 7 | 12 | 0 |
| **Max. Temp (°C)** | 35 | 35 | 36 | 36 | 35 |
| **Min.Temp (°C)** | 23 | 23 | 22 | 24 | 23 |
| **Sky condition (Octas)** | 7 | 7 | 7 | 6 | 6 |
| **Relative humidity (%) 0830 hours** | 81 | 84 | 87 | 89 | 89 |
| **Relative humidity (%) 1730 hours** | 26 | 30 | 24 | 28 | 36 |
| **Wind Speed (kmph)** | 5 | 5 | 7 | 9 | 12 |
| **Wind Direction** | 283 | 282 | 236 | 277 | 263 |

- 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

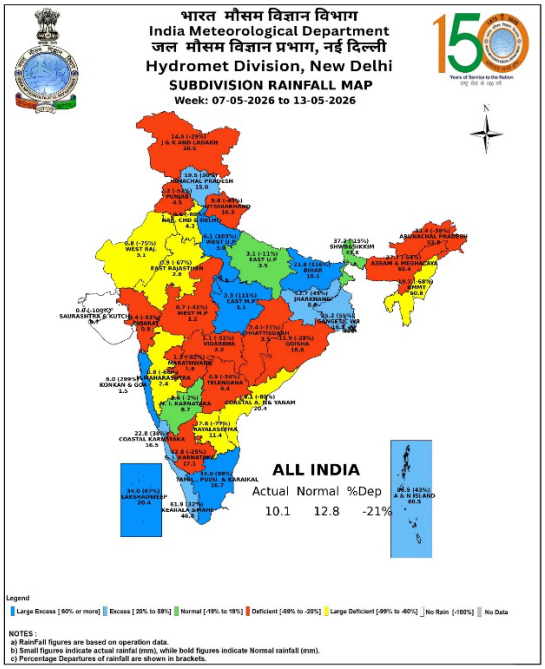
**AMFU of IMD,**

**AICRP-AM, Bengaluru**

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

**Realized Rainfall**

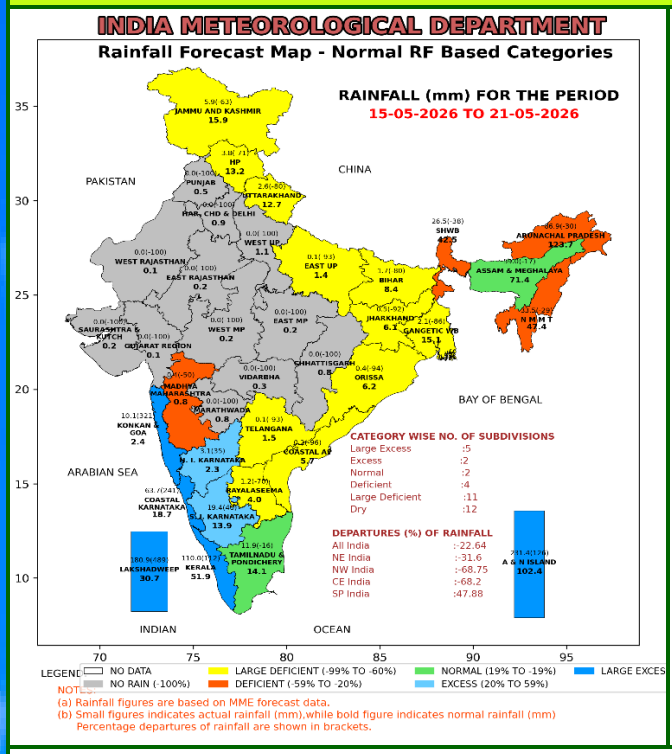
**(30th April to 13th May 2026)**

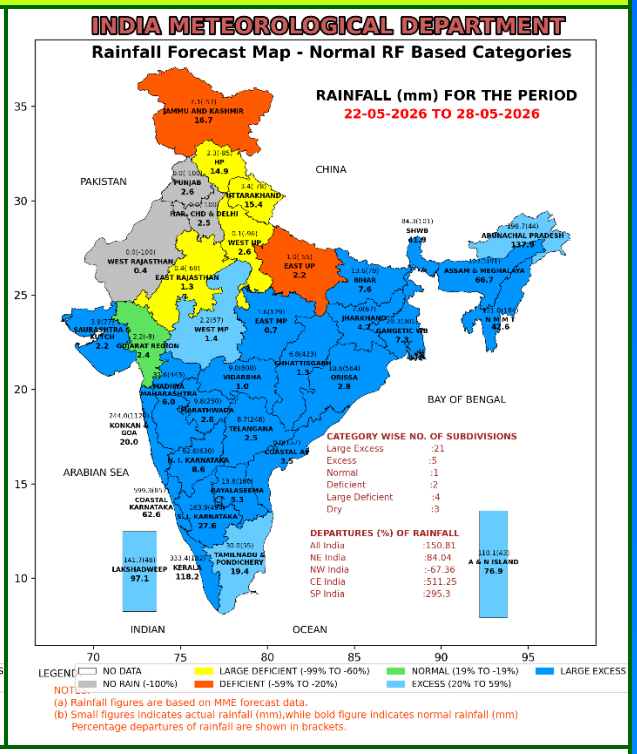



- Normal or above normal rainfall occurred in both the weeks over Himachal Pradesh, Uttar Pradesh, Bihar, Jharkhand, West Bengal & Sikkim, East Madhya Pradesh, Tamil Nadu Puducherry & Karaikal, Kerala & Mahe and Andaman & Nicobar Islands.
- Normal or above normal rainfall occurred in either of the two weeks over Jammu & Kashmir, Uttarakhand, Punjab, Haryana-Chandigarh-Delhi, Rajasthan, Arunachal Pradesh, Nagaland-Manipur-Mizoram-Tripura (NMMT), Gujarat region, West Madhya Pradesh, Chhattisgarh, Odisha, Konkan & Goa, Coastal Karnataka, Interior Karnataka, Andhra Pradesh & Yanam and Lakshadweep.
- Below Normal rainfall / No rain occurred in both the weeks over rest of the States & UTs.

## Extended Range Forecast System

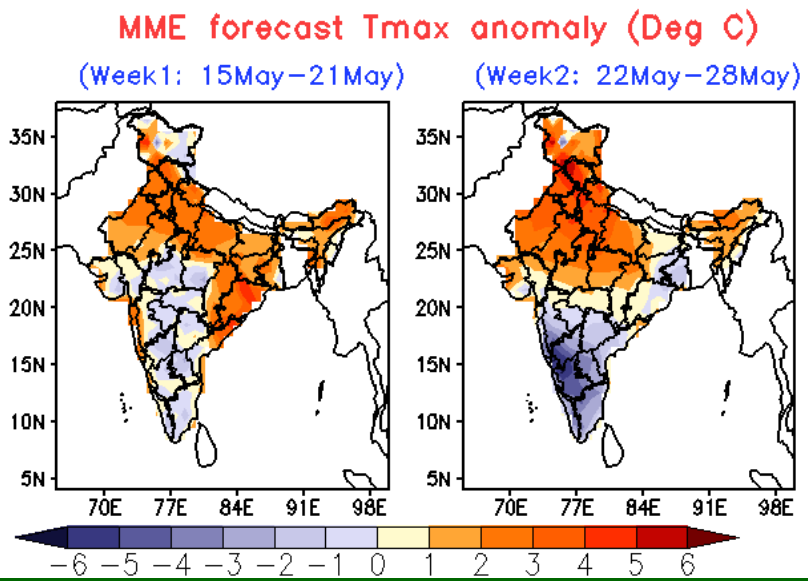
### Rainfall forecast maps for the next 2 weeks (IC - 13th May, 2026)
### (15th to 28th May 2026)



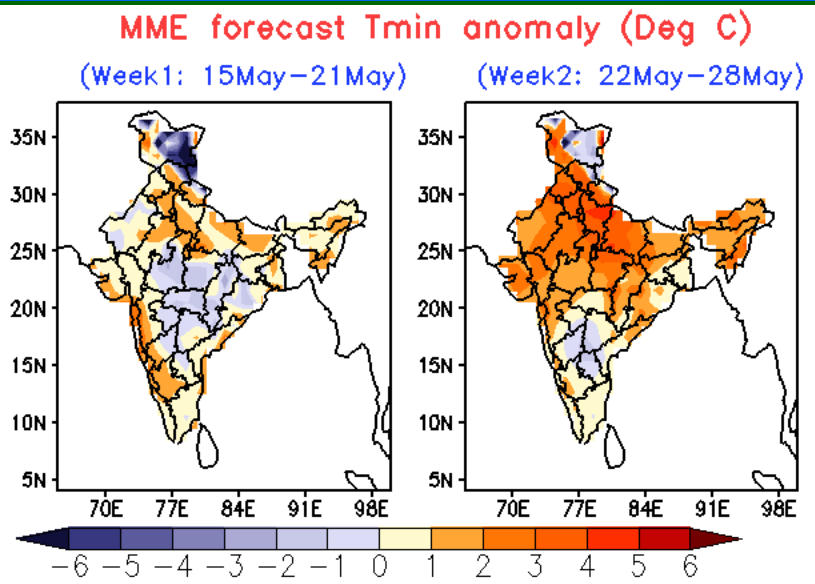

- **Week 1 (15.05.2026 to 21.05.2026):** Rainfall is likely to be above normal over of Kerala and coastal regions Karnataka. Rainfall activity is also likely over North East India, Sub-Himalayan West Bengal & Sikkim, South Interior Karnataka and over isolated areas of Jammu & Kashmir, and Himachal Pradesh.
- **Week 2 (22.05.2026 to 28.05.2026):** Rainfall is likely to be above normal over Kerala, Karnataka and coastal regions of Maharashtra. Rainfall activity is also likely over South India, Maharashtra, southern part of Chhattisgarh, many parts of East India & North East India, some parts of Jammu & Kashmir and isolated areas in Himachal Pradesh.

**Maximum and Minimum temperature anomaly (°C) forecast**
**for the next 2 weeks (IC – 13th May, 2026)**
**(15th to 28th May 2026)**




**Maximum Temperature (Tmax)**

- **Week 1 (15.05.2026 to 21.05.2026):** Maximum temperature is likely to be above normal over North West India, Chhattisgarh, northern part of Coastal Andhra Pradesh, East India and many parts of North East India.
- **Week 2 (22.05.2026 to 28.05.2026):** Maximum temperature is likely to be above normal over North West India, Central India, Gujarat State and many parts of North East India.




**Minimum Temperature (Tmin)**

- **Week 1 (15.05.2026 to 21.05.2026):** Minimum Temperature is likely to be above normal over many parts of North West India, Gujarat state, Konkan & Goa, Madhya Maharashtra, North East India and many parts of East & South India.
- **Week 2 (22.05.2026 to 28.05.2026):** Minimum temperature is likely to be above normal over most parts of the country except in some parts of Jammu & Kashmir, Telangana, North Interior Karnataka and Rayalaseema.