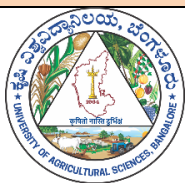


**UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &  
INDIA METEOROLOGICAL DEPARTMENT**



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



Date:17-04-2026

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

**Past Weather Data (13-04-2026 to 17-04-2026)**

Parameter	13.04.2026	14.04.2026	15.04.2026	16.04.2026	17.04.2026
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 18-04-2026 to 22-04-2026)**

Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	2	3	0
Max. Temp. (°C)	36	37	36	37	36
Min. Temp. (°C)	25	24	25	24	24
Sky condition (Octas)	3	2	4	3	2
Relative humidity (%) 0830 hours	63	60	62	64	62
Relative humidity (%) 1730 hours	33	34	36	35	34
Wind Speed (kmph)	4	6	4	6	4
Wind Direction	201	169	182	215	231

**Forecast Summary**

As forecast received from IMD, clear sky with **No rain** expected from **18-04-2026 to 22-04-2026** in Bengaluru Rural District. The day temperature is expected to be 36.0-37.0°C and night temperature is expected to be 24.0-25.0°C. The relative humidity in the morning hours is expected to be 60-64 % and afternoon relative humidity is expected to be in the range of 33-36 %, Wind speed is expected to be 4-6 km/hr.

**SMS Advisory**

Due to increase in temperature day by day promotes fruit drop is observed in mango orchard. Provide one or two irrigations at marble stage of crop



## Recommendations to the farmers: -

Crop	Pest/Disease	Damage symptoms	Control measures
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### General Advisory:

#### Field Crops

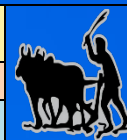
1. Right time for harvested rabi crops cleaning, drying and storage in gunny bag.
2. Apply **neem leaves/neem powder** in grain bags as a natural repellent.
3. For long-term storage of pulses, store with **tri-sodium phosphate (TSP) treated** gunny sacks to reduce bruchid attack.

#### Vegetables & Horticulture

1. Watch for fruit borer and shoot borer in fruit development and maturity 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 and Diseases	Weather-Based Agromet Advisory
<b>Chrysanthemum</b>	Flowering	Aphids	Spray Neem Oil (3 ml/L) or Imidacloprid (0.5 ml/L). If the temperature exceeds 35°C, use a 50% shade net to control excessive heat during summer.
<b>Grapes</b>	Terminal bud initiation stage	Thrips	Install Blue Sticky Traps (15/acre). Spray Spinosad @ 0.3ml/ l of water or Neem Oil @ 3ml/ l of water
<b>Chilli</b>	Maturity 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.
<b>Tomato</b>	Fruit development stage	Mites and fruit borer	Continue irrigation at regular intervals. Watch for mites and fruit borer incidence under dry conditions.
<b>Rose</b>	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. use a 50% shade net to control excessive heat during summer.
<b>Guava</b>	Fruit development	Fruit fly	Maintain regular irrigation. Adopt mulching (dry leaves/straw) to conserve soil moisture.

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

Block level weather forecast (From 18-04-2026 to 22-04-2026)					
DEVANAHALLI BLOCK					
Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. Temp (°C)</b>	37	36	37	36	36
<b>Min.Temp (°C)</b>	23	23	22	23	23
<b>Sky condition (Octas)</b>	4	2	1	1	1
<b>Relative humidity (%) 0830 hours</b>	69	68	75	80	79
<b>Relative humidity (%) 1730 hours</b>	16	20	17	17	18
<b>Wind Speed (kmph)</b>	8	12	9	10	10
<b>Wind Direction</b>	163	171	197	214	236

**DODDABALLAPURA BLOCK**

Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	0	0	0
Max. Temp (°C)	38	37	37	36	36
Min.Temp (°C)	23	23	22	22	22
Sky condition (Octas)	4	2	1	1	2
Relative humidity (%) 0830 hours	62	60	73	78	84
Relative humidity (%) 1730 hours	15	19	17	17	19
Wind Speed (kmph)	9	13	12	12	10
Wind Direction	175	182	185	214	231

**HOSKOTE BLOCK**

Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	0	0	0
Max. Temp (°C)	37	36	37	36	36
Min.Temp (°C)	22	22	22	22	23
Sky condition (Octas)	4	2	1	1	2
Relative humidity (%) 0830 hours	69	67	76	80	79
Relative humidity (%) 1730 hours	16	20	16	17	18
Wind Speed (kmph)	8	12	9	11	10
Wind Direction	164	169	196	213	234

**NELAMANGALA BLOCK**

Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	0	0	0
Max. Temp (°C)	38	37	37	35	35
Min.Temp (°C)	22	22	21	20	22
Sky condition (Octas)	3	1	0	0	2
Relative humidity (%) 0830 hours	70	68	74	90	89
Relative humidity (%) 1730 hours	14	19	15	18	23
Wind Speed (kmph)	6	12	13	12	9
Wind Direction	166	163	159	208	227

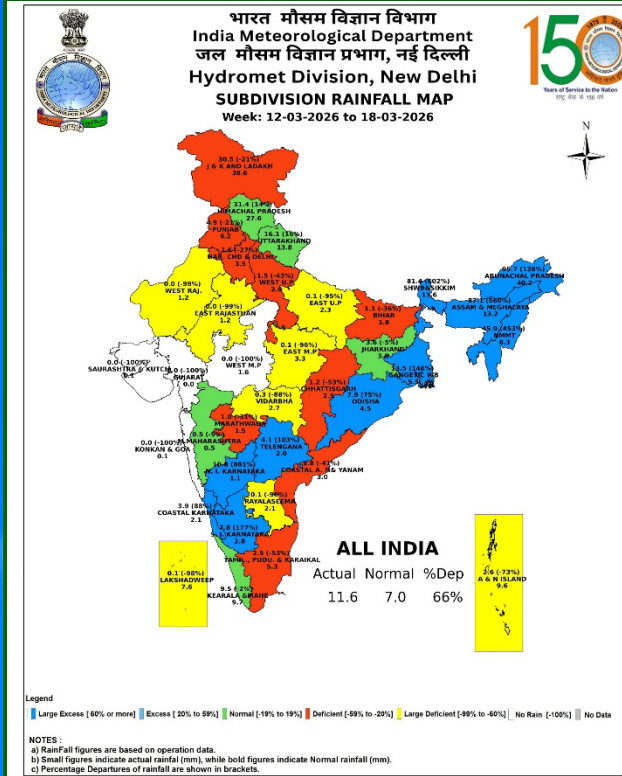
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: [mausam.imd.gov.in](http://mausam.imd.gov.in)

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)

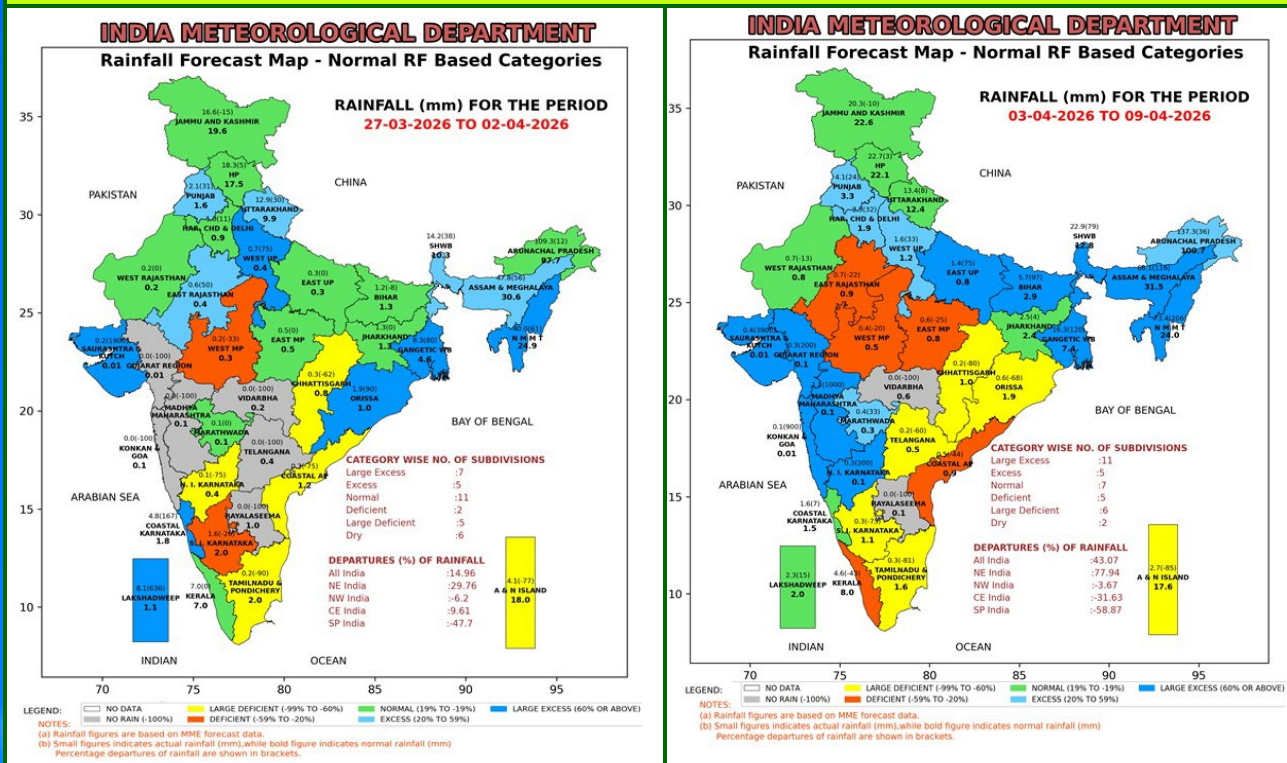
**Realized Rainfall**  
 (12<sup>th</sup> to 25<sup>th</sup> March, 2026)



- Normal or above normal rainfall occurred in both the weeks over Himachal Pradesh, Uttarakhand, West Bengal & Sikkim, Assam & Meghalaya, Arunachal Pradesh, Nagaland-Manipur-Mizoram-Tripura (NMMT), Jharkhand, Odisha, Madhya Maharashtra and Karnataka.
- Normal or above normal rainfall occurred in either of the two weeks over Jammu & Kashmir, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Bihar, Rajasthan, Madhya Pradesh, Chhattisgarh, Gujarat State, Marathwada, Andhra Pradesh & Yanam, Telangana, Kerala & Mahe and Tamil Nadu- Puducherry & Karaikal
- 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- 25<sup>th</sup> March, 2026) (27<sup>th</sup> March to 09<sup>th</sup> April, 2026)



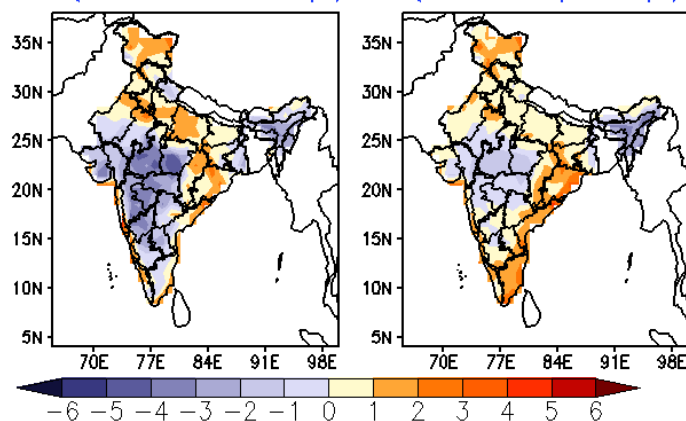
- **Week 1 (27.03.2026 to 02.04.2026):** Rainfall activity is likely over Jammu & Kashmir, Himachal Pradesh and some parts of Gangetic West Bengal and adjoining areas of Odisha, Uttarakhand and Kerala. Rainfall is likely to be above normal over North East India.
- **Week 2 (03.04.2026 to 09.04.2026):** Rainfall activity is likely over many parts of Jammu & Kashmir, Himachal Pradesh, Gangetic West Bengal and some parts of Bihar, Uttarakhand and Kerala. Rainfall is likely to be above normal over North East India.

**Maximum and Minimum temperature anomaly (°C) forecast  
for the next 2 weeks (IC- 25<sup>th</sup> March, 2026)  
(27<sup>th</sup> March to 09<sup>th</sup> April, 2026)**

**MME forecast Tmax anomaly (Deg C)**

(Week1: 27Mar-02Apr)

(Week2: 03Apr-09Apr)



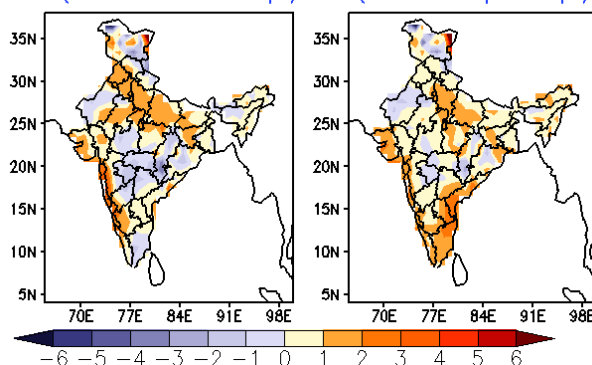
**Maximum Temperature (Tmax)**

- **Week 1 (27.03.2026 to 02.04.2026):** Maximum Temperature is likely to be above normal over many parts of North West India, East India, Chhattisgarh, Konkan & Goa, Coastal Karnataka, North Kerala, Coastal Andhra Pradesh & Yanam and coastal regions of Tamil Nadu.
- **Week 2 (03.04.2026 to 09.04.2026):** Maximum temperature is likely to be above normal over many parts of North West India, East India, South India, Chhattisgarh and Konkan & Goa.

**MME forecast Tmin anomaly (Deg C)**

(Week1: 27Mar-02Apr)

(Week2: 03Apr-09Apr)



**Minimum Temperature (Tmin)**

- **Week 1 (27.03.2026 to 02.04.2026):** Minimum Temperature is likely to be above normal over many parts of North West India and some parts of Bihar, Jharkhand, Madhya Pradesh, Gujarat State, Konkan & Goa, Madhya Maharashtra, Coastal Karnataka & South Interior Karnataka.
- **Week 2 (03.04.2026 to 09.04.2026):** Minimum temperature is likely to be above normal over most parts of India except some parts of West Rajasthan, Marathwada and Chhattisgarh.