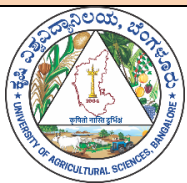


**UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &
INDIA METEOROLOGICAL DEPARTMENT**



**GRAMIN KRISHI MAUSAM SEWA AMFU,
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Bengaluru – 560 065**



Date: 17-04-2026

AGRO-ADVISORY BULLETIN FOR CHIKKABALLAPURA 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)	0	0	0	0	0
Max. Temp. (°C)	35.2	36.8	37.2	36.4	37.2
Min. Temp. (°C)	19.4	27.4	19.2	19.6	19.4
Sky condition (Octas)	6	6	6	6	6
Relative humidity (%) 0830 hours	66	42	64	66	65
Relative humidity (%) 1730 hours	39	42	42		40
Wind Speed (km/h)	2	2	2	2	2
Wind Direction	320	140	230	230	230



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	0	0	2
Max. Temp. (°C)	37	37	38	37	37
Min. Temp. (°C)	20	19	20	20	19
Sky condition (Octas)	3	1	1	2	3
Relative humidity (%) 0830 hours	65	64	66	65	64
Relative humidity (%) 1730 hours	40	41	42	41	40
Wind Speed (kmph)	4	6	6	6	4
Wind Direction	198	171	176	201	231

Forecast Summary

As forecast received from IMD, clear sky with **No rain** expected from 18-04-2026 to 22-04-2026 in Chikkaballapura District. The day temperature is expected to be 37.0-38.0°C and night temperature is expected to be 19.0-20.0°C. The relative humidity in the morning hours is expected to be 64-66 % and afternoon relative humidity is expected to be in the range of 40-42 %, 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. 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			
<ol style="list-style-type: none"> 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			
<ol style="list-style-type: none"> 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			
<ol style="list-style-type: none"> 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
Capsicum	Flowering and Fruiting stage	Thrips & Mites	High humidity management; use overhead misters for 5-10 mins at noon to cool the canopy. Spray Spinosad @ 0.5 ml/ litre of water. or Fipronil @ 2 ml/ litre of water.
Marigold	Flowering stage	Red Spider Mites	Irrigate every 3–5 days . During peak bloom, water stress will cause the flowers to wilt and turn brown at the edges. Spray Abamectin @ 0.5ml/ litre of water or Wettable Sulphur 2g/ litre of water.
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 maturity 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.

Mango	Fruit development stage	Leaf hopper, Powdery mildew	To control of green leaf hopper in Mango spray Imidacloprid 17.8 SL @ 0.3 ml /l of water Spray NAA 20 ppm during early fruit set to reduce drop. 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.
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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 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. Provide fresh, tender leaves in required quantity. Avoid wilted leaves. 3. 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 18-04-2026 to 22-04-2026)

BAGEPALLI 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)	39	38	38	38	37
Min.Temp (°C)	24	25	24	23	24
Sky condition (Octas)	3	2	1	1	2
Relative humidity (%) 0830 hours	55	53	54	68	66
Relative humidity (%) 1730 hours	14	17	16	15	17
Wind Speed (kmph)	9	8	11	11	6
Wind Direction	175	183	161	198	253

CHIKKABALLAPURA 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	37	36
Min.Temp (°C)	23	23	22	22	23
Sky condition (Octas)	3	2	1	1	2
Relative humidity (%) 0830 hours	62	60	65	76	75
Relative humidity (%) 1730 hours	15	18	15	15	17
Wind Speed (kmph)	10	12	12	12	8
Wind Direction	171	173	169	200	225

CHINTAMANI 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	35
Min.Temp (°C)	22	21	20	21	22
Sky condition (Octas)	3	0	0	1	2
Relative humidity (%) 0830 hours	71	70	81	91	83
Relative humidity (%) 1730 hours	15	19	12	15	19
Wind Speed (kmph)	8	13	13	16	10
Wind Direction	175	160	162	181	205

GAURIBIDANUR 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)	39	38	38	38	37
Min.Temp (°C)	24	24	24	23	24
Sky condition (Octas)	3	2	1	1	2
Relative humidity (%) 0830 hours	55	54	57	72	75
Relative humidity (%) 1730 hours	14	16	16	16	18
Wind Speed (kmph)	9	12	13	11	8
Wind Direction	184	187	178	198	247

GUDIBANADA 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)	39	38	38	38	37
Min.Temp (°C)	24	24	24	23	24
Sky condition (Octas)	3	2	1	1	2
Relative humidity (%) 0830 hours	56	54	56	69	68
Relative humidity (%) 1730 hours	14	17	16	15	17
Wind Speed (kmph)	9	7	12	12	6
Wind Direction	176	186	164	197	238

SIDLAGHATTA 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	35
Min.Temp (°C)	22	22	20	20	21
Sky condition (Octas)	3	1	0	1	2
Relative humidity (%) 0830 hours	71	66	83	89	83
Relative humidity (%) 1730 hours	14	18	13	15	21
Wind Speed (kmph)	8	14	14	15	8
Wind Direction	175	156	167	183	220

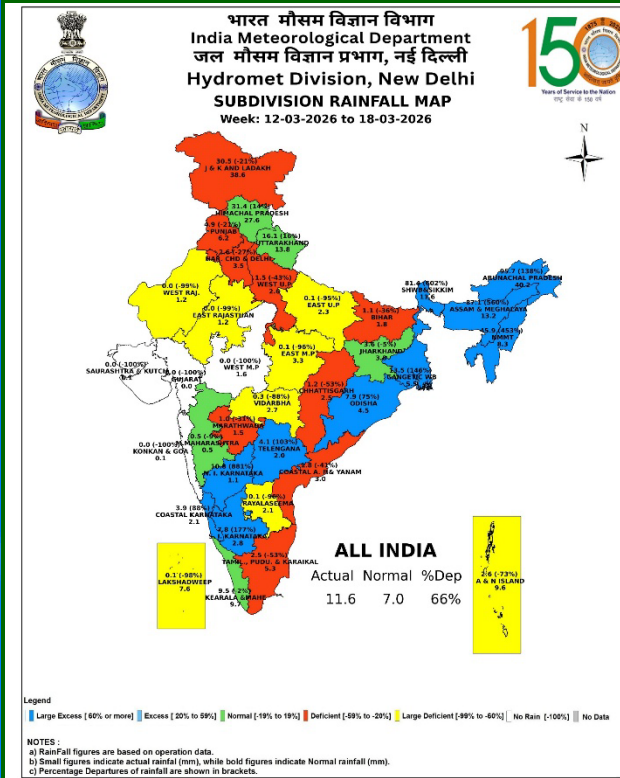
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download“**MAUSAM**”APP for location specific forecast & warning &“**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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)

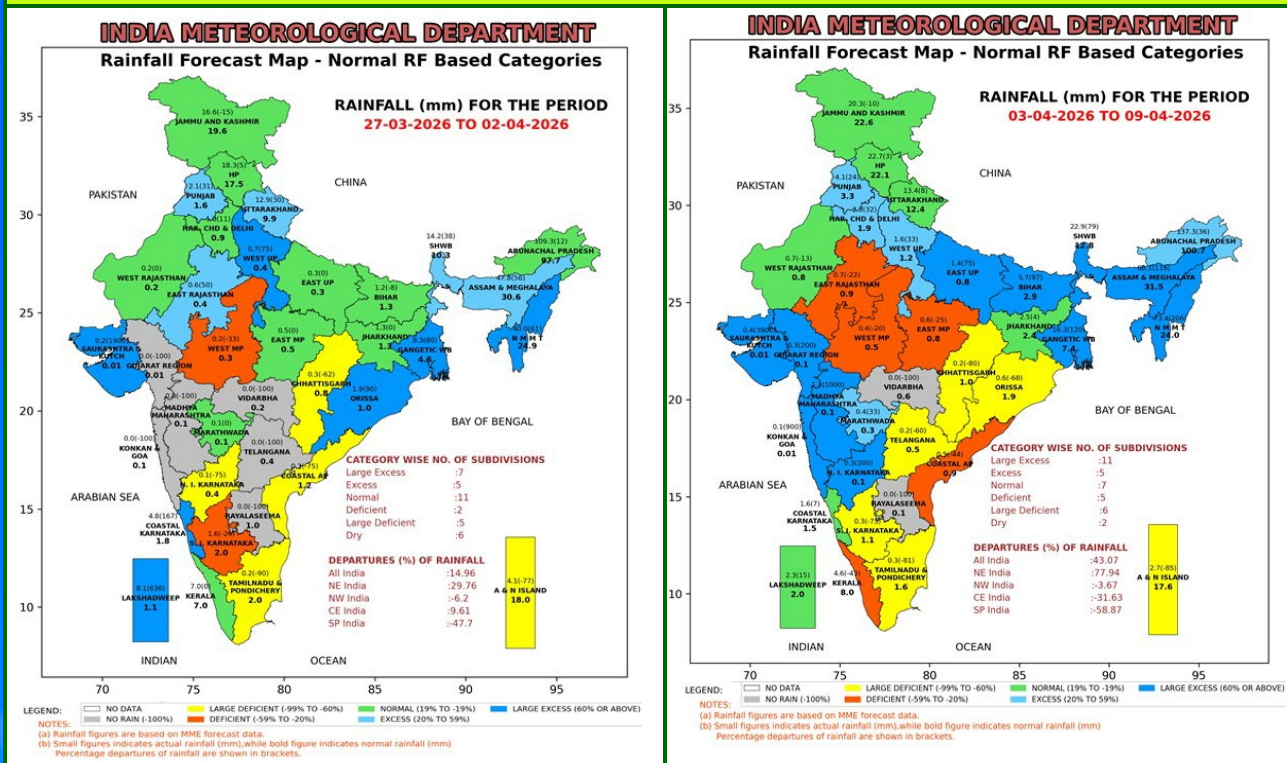
Realized Rainfall
 (12th to 25th March, 2026)



- 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- 25th March, 2026) (27th March to 09th April, 2026)



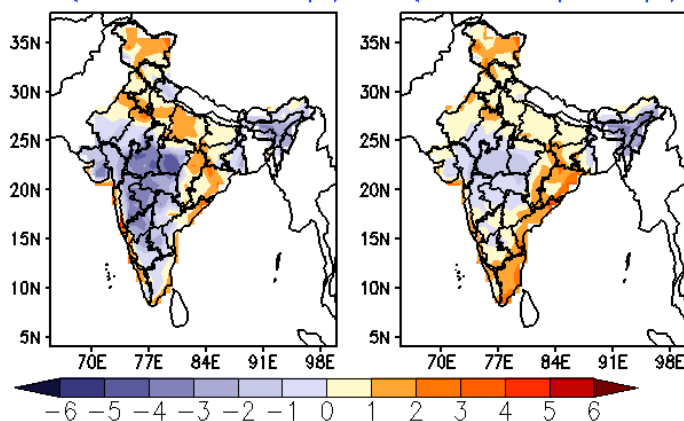
- **Week 1 (27.03.2026 to 02.04.2026):** Rainfall activity is likely over Jammu & Kashmir, Himachal Pradesh and some parts of Gangetic West Bengal and adjoining areas of Odisha, Uttarakhand and Kerala. Rainfall is likely to be above normal over North East India.
- **Week 2 (03.04.2026 to 09.04.2026):** 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- 25th March, 2026)
(27th March to 09th April, 2026)**

MME forecast Tmax anomaly (Deg C)

(Week1: 27Mar-02Apr)

(Week2: 03Apr-09Apr)



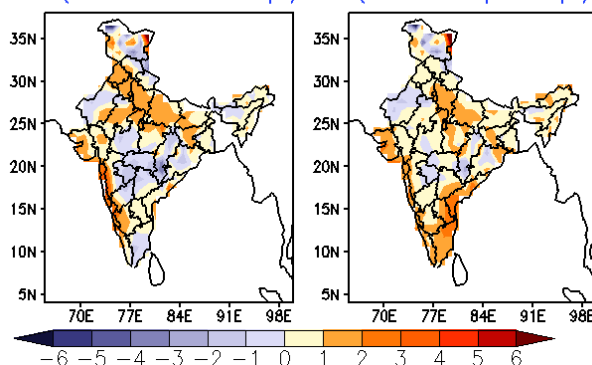
Maximum Temperature (Tmax)

- **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.