

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



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Bengaluru – 560 065**



Date: 17-02-2026

**AGRO-ADVISORY BULLETIN FOR CHIKKABALLAPURA DISTRICT**

Issued jointly by UAS, Bangalore & Indian Meteorological Department

**Past Weather Data (13-02-2026 to 17-02-2026)**

Parameter	13.02.2026	14.02.2026	15.02.2026	16.02.2026	17.02.2026
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	27.6	29.8	31	31.4	30.4
Min. Temp. (°C)	8.4	11.6	11.8	12.6	11.2
Sky condition (Octas)	6	6	6	6	6
Relative humidity (%) 0830 hours	77	63	88	78	76
Relative humidity (%) 1730 hours	36	36	36		56
Wind Speed (km/h)	4	2	2	2	2
Wind Direction	50	50	50	50	50



**Weather forecast for the next five days (From 18-02-2026 to 22-02-2026)**

Parameter	18.02.2026	19.02.2026	20.02.2026	21.02.2026	22.02.2026
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	30	31	30	31	30
Min. Temp. (°C)	11	12	11	12	11
Sky condition (Octas)	4	3	3	4	4
Relative humidity (%) 0830 hours	64	65	63	62	64
Relative humidity (%) 1730 hours	42	43	42	41	40
Wind Speed (kmph)	4	6	6	6	4
Wind Direction	145	141	143	119	119

**Forecast Summary**

As forecast received from IMD, cloudy sky with **No rain** expected from 18-02-2026 to 22-02-2026 in Chikkaballapura District. The day temperature is expected to be 30.0-31.0°C and night temperature is expected to be 11.0-12.0°C. The relative humidity in the morning hours is expected to be 62-65 % and afternoon relative humidity is expected to be in the range of 40-43 %, 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.





**Recommendations to the farmers: -**

Crop	Pest/Disease	Damage symptoms	Control measures
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**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
<b>Cowpea</b>	Post harvest stage		Harvest the matured pod and dry in clean tarpaulins until grain moisture reaches about 15%.
<b>Field bean</b>	Post harvest stage		Harvest the matured pod and dry in clean tarpaulins until grain moisture reaches about 15%.
<b>Chilli</b>	Fruit development stage	Thrips	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.
<b>Rose</b>	Flowering stage	Aphids	Harvest during late morning after temperature rises; avoid late-evening irrigation; prefer light irrigation during daytime. To control of aphids in rose to spray Dimethoate 30 EC @ 1.7 ml/litre of water.
<b>Guava</b>	Fruit development	Fruit fly	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. Apply UV-stabilized weed mats around crop rows or tree basins to effectively block sunlight and suppress weed growth.
<b>Mango</b>	Flowering stage	Leaf hopper, Powdery mildew	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"> <li>1. Provide dry and clean shelter; avoid animals standing in wet areas.</li> <li>2. Provide ample clean drinking water.</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. Minimum temperatures cause cold stress in young calves/kids. Provide bedding (dry straw) and night shelter to reduce cold exposure.</li> </ol>
Sericulture	<p>Humid and rainy conditions increase <b>grasserie, flacherie and fungal</b> diseases</p> <ol style="list-style-type: none"> <li>1. Maintain proper rearing house hygiene, clean and disinfect trays.</li> <li>2. The recommendation of farmers closes the windows with tarpaulins sheet during night hours to maintain optimum room temperature.</li> <li>3. Avoid wet or damp mulberry leaves, use air-dried or well-drained leaves.</li> </ol>
Poultry	<ol style="list-style-type: none"> <li>1. Cool early mornings need <b>brooder temperature maintenance</b> for chicks.</li> <li>2. Maintain poultry shed dryness; use <b>lime powder</b> to reduce moisture.</li> <li>3. Provide <b>electrolytes + vitamins</b> in water for immunity.</li> <li>4. Cool, humid mornings favor: <b>CRD (Chronic Respiratory Disease), Coccidiosis, Colibacillosis</b>- Follow routine vaccinations strictly (Ranikhet, IBD).</li> <li>5. Maintain optimum lighting schedule to support winter egg production.</li> </ol>

### Block level weather forecast (From 18-02-2026 to 22-02-2026)

#### BAGEPALLI BLOCK

Parameter	18.02.2026	19.02.2026	20.02.2026	21.02.2026	22.02.2026
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	30	32	32	32	32
Min.Temp (°C)	17	17	17	19	19
Sky condition (Octas)	3	1	3	3	4
Relative humidity (%) 0830 hours	62	68	70	81	85
Relative humidity (%) 1730 hours	19	16	22	33	34
Wind Speed (kmph)	10	11	9	13	10
Wind Direction	129	140	137	124	124

#### CHIKKABALLAPURA BLOCK

Parameter	18.02.2026	19.02.2026	20.02.2026	21.02.2026	22.02.2026
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	30	31	31	31	31
Min.Temp (°C)	15	16	16	17	18
Sky condition (Octas)	3	1	3	3	5
Relative humidity (%) 0830 hours	70	75	75	85	89
Relative humidity (%) 1730 hours	18	16	24	34	36
Wind Speed (kmph)	9	10	10	12	9
Wind Direction	127	134	138	120	123

<b>CHINTAMANI BLOCK</b>					
<b>Parameter</b>	<b>18.02.2026</b>	<b>19.02.2026</b>	<b>20.02.2026</b>	<b>21.02.2026</b>	<b>22.02.2026</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	29	30	30	30	29
<b>Min.Temp (°C)</b>	14	15	16	16	18
<b>Sky condition (Octas)</b>	3	1	3	3	3
<b>Relative humidity (%) 0830 hours</b>	76	80	80	87	88
<b>Relative humidity (%) 1730 hours</b>	22	20	28	38	46
<b>Wind Speed (kmph)</b>	7	9	8	9	9
<b>Wind Direction</b>	119	114	124	111	118

<b>GAURIBIDANUR BLOCK</b>					
<b>Parameter</b>	<b>18.02.2026</b>	<b>19.02.2026</b>	<b>20.02.2026</b>	<b>21.02.2026</b>	<b>22.02.2026</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	31	33	33	33	33
<b>Min.Temp (°C)</b>	16	16	16	18	19
<b>Sky condition (Octas)</b>	3	1	3	3	4
<b>Relative humidity (%) 0830 hours</b>	63	72	73	81	86
<b>Relative humidity (%) 1730 hours</b>	17	15	21	30	29
<b>Wind Speed (kmph)</b>	8	10	10	10	9
<b>Wind Direction</b>	140	141	134	128	132

<b>GUDIBANADA BLOCK</b>					
<b>Parameter</b>	<b>18.02.2026</b>	<b>19.02.2026</b>	<b>20.02.2026</b>	<b>21.02.2026</b>	<b>22.02.2026</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	31	32	32	32	32
<b>Min.Temp (°C)</b>	17	17	17	18	19
<b>Sky condition (Octas)</b>	3	1	3	3	4
<b>Relative humidity (%) 0830 hours</b>	62	70	71	81	85
<b>Relative humidity (%) 1730 hours</b>	18	16	22	32	33
<b>Wind Speed (kmph)</b>	10	11	9	12	10
<b>Wind Direction</b>	129	139	137	124	126

**SIDLAGHATTA BLOCK**

Parameter	18.02.2026	19.02.2026	20.02.2026	21.02.2026	22.02.2026
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	29	30	30	30	29
Min.Temp (°C)	14	15	15	16	18
Sky condition (Octas)	3	1	3	3	3
Relative humidity (%) 0830 hours	73	79	78	86	88
Relative humidity (%) 1730 hours	21	19	27	37	44
Wind Speed (kmph)	8	10	11	12	10
Wind Direction	116	110	120	110	115

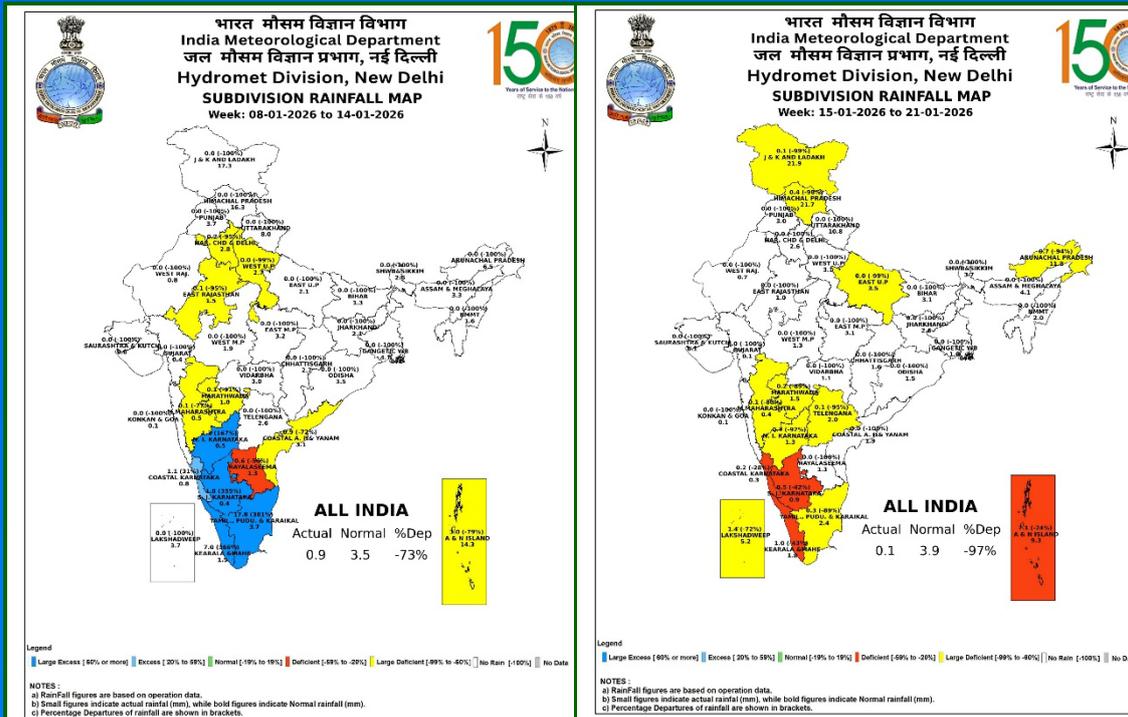
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download“**MAUSAM**”APP for location specific forecast & warning &“**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: [mausam.imd.gov.in](http://mausam.imd.gov.in)

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**  
**(08<sup>th</sup> to 21<sup>st</sup> January 2026)**



- Normal or above normal rainfall occurred in either of the two weeks over Karnataka, 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- 21<sup>st</sup> January,2026)**  
**(23<sup>rd</sup> January to 05<sup>th</sup> February, 2026)**



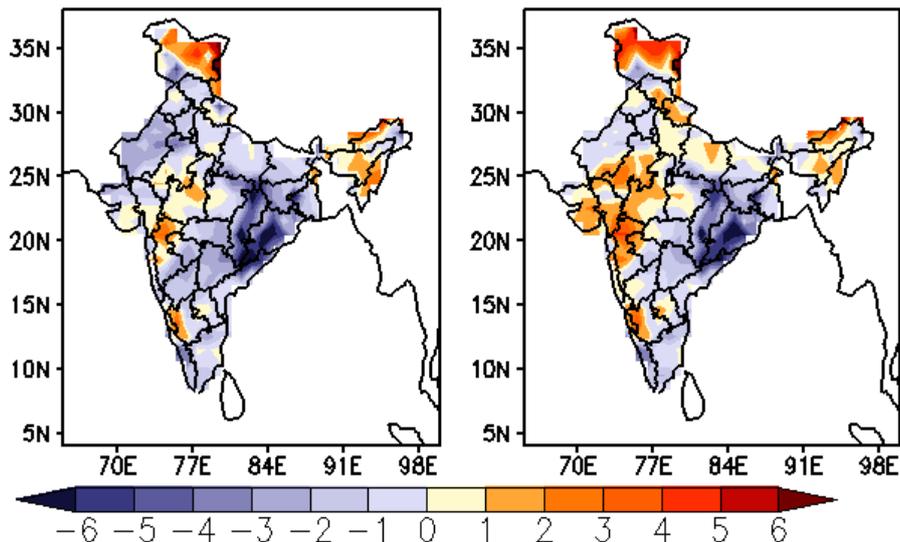
Andhra Pradesh and some parts of Uttarakhand. However, it is likely to be below normal over Punjab, Haryana, Rajasthan, West India and many parts of Central & South India.

- **Week 2 (30.01.2025 to 05.02.2026):** Maximum temperature is likely to be above normal over North West India, Chhattisgarh, Odisha, Arunachal Pradesh, Assam and parts of Coastal Andhra Pradesh & South Karnataka. However, it is likely to be below normal over North Karnataka, Telangana, Rayalaseema and many parts of Central & West India.

### MME forecast Tmin anomaly (Deg C)

(Week1: 23Jan–29Jan)

(Week2: 30Jan–05Feb)



### Minimum Temperature (Tmin)

- **Week 1 (23.01.2025 to 29.01.2026):** Minimum temperature is likely to be below normal over Chhattisgarh, Vidarbha and many parts of North West, East & South India. However, it is likely to be above normal over North East India, many parts of Jammu & Kashmir and some parts of West Madhya Pradesh, Madhya Maharashtra & South Karnataka.
- **Week 2 (30.01.2025 to 05.02.2026):** Minimum temperature is likely to be below normal over East India, West Rajasthan, Chhattisgarh, Telangana, Kerala and Tamil Nadu. However, it is likely to be above normal over many parts of North West India, North East India, Gujarat, Madhya Pradesh, Madhya Maharashtra and South Karnataka.