

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



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



**Date: 16-01-2026**

**AGRO-ADVISORY BULLETIN FOR CHIKKABALLAPURA DISTRICT**

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

**Past Weather Data (12-01-2026 to 16-01-2026)**

Parameter	12.01.2026	13.01.2026	14.01.2026	15.01.2026	16.01.2026
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	22.8	24.6	27.4	25.2	30
Min. Temp. (°C)	16.8	16.4	14.6	13.4	14.6
Sky condition (Octas)	6	6	6	6	6
Relative humidity (%) 0830 hours	83	87	82	71	86
Relative humidity (%) 1730 hours	72	113	72	99	
Wind Speed (km/h)	2	2	2	2	2
Wind Direction	50	50	50	50	50



**Weather forecast for the next five days (From 17-01-2026 to 21-01-2026)**

Parameter	17.01.2026	18.01.2026	19.01.2026	20.01.2026	21.01.2026
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	30	30	30	31	31
Min. Temp. (°C)	15	16	16	17	17
Sky condition (Octas)	1	2	1	0	0
Relative humidity (%) 0830 hours	85	85	80	78	78
Relative humidity (%) 1730 hours	30	28	28	26	25
Wind Speed (kmph)	6	6	5	5	6
Wind Direction	146	151	160	176	163

**Forecast Summary**

As forecast received from IMD, cloudy sky with **No rain** expected from **17-01-2026 to 21-01-2026** in Chikkaballapura District. The day temperature is expected to be **30.0-31.0°C** and night temperature is expected to be **15.0-17.0°C**. The relative humidity in the morning hours is expected to be **78-85 %** and afternoon relative humidity is expected to be in the range of **25-30 %**, Wind speed is expected to be **5-6 km/hr**.

**SMS Advisory**

Avoid pruning, fertilizer application and growth regulator sprays during cold wave conditions. Cloudy weather, cool nights may increase fungal disease risk—monitor crops closely and ensure fields have good drainage.



**Recommendations to the farmers: -**

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

**Field Crops**

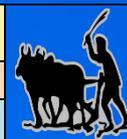
1. Right time for harvesting, drying, cleaning and storage of Rabi crops.
2. Apply **neem leaves/neem powder** in grain bags as a natural repellent.
3. For long-term storage of pulses, store with **tri-sodium phosphate (TSP) treated** gunny sacks to reduce bruchid attack.

**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	Weather-Based Agromet Advisory
<b>Ragi</b>	Post harvest	Dry the harvested ear heads on clean tarpaulins until grain moisture reaches about 12%.
<b>Redgram</b>	Post harvest	Dry the harvested pods in 3-4 days and separate the seeds and store in cool places The grain moisture reaches about 14%.
<b>Tomato</b>	Fruit Maturity	Avoid irrigation during this stage, especially under <b>cloudy or humid conditions</b> . Ensure <b>proper drainage</b> to avoid water stagnation. High humidity may favor <b>fruit rot, late blight, bacterial spot, and anthracnose</b> . Remove and destroy affected fruits to prevent spread.
<b>Cowpea</b>	Harvesting and Post harvest stage	Harvest the matured pod and dry in clean tarpaulins until grain moisture reaches about 15%.
<b>Field bean</b>	Harvesting and Post harvest stage	Harvest the matured pod and dry in clean tarpaulins until grain moisture reaches about 15%.
<b>Chilli</b>	Fruit development stage	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	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 ( <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	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
<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 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>
<b>Sericulture</b>	<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>
<b>Poultry</b>	<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 17-01-2026 to 21-01-2026)

BAGEPALLI BLOCK					
Parameter	17.01.2026	18.01.2026	19.01.2026	20.01.2026	21.01.2026
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	29	29	30	30	29
<b>Min.Temp (°C)</b>	16	15	16	16	16
<b>Sky condition (Octas)</b>	1	1	1	0	1
<b>Relative humidity (%) 0830 hours</b>	80	81	78	70	69
<b>Relative humidity (%) 1730 hours</b>	26	17	13	17	20
<b>Wind Speed (kmph)</b>	9	8	9	9	9
<b>Wind Direction</b>	127	137	149	171	153

**CHIKKABALLAPURA BLOCK**

Parameter	17.01.2026	18.01.2026	19.01.2026	20.01.2026	21.01.2026
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	28	29	29	29	28
Min.Temp (°C)	14	14	14	15	15
Sky condition (Octas)	0	1	1	0	0
Relative humidity (%) 0830 hours	86	87	82	75	74
Relative humidity (%) 1730 hours	26	17	12	17	20
Wind Speed (kmph)	7	6	7	8	8
Wind Direction	119	130	151	173	160

**CHINTAMANI BLOCK**

Parameter	17.01.2026	18.01.2026	19.01.2026	20.01.2026	21.01.2026
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	28	28	29	29	29
Min.Temp (°C)	13	13	12	13	14
Sky condition (Octas)	0	2	1	0	0
Relative humidity (%) 0830 hours	96	94	88	88	86
Relative humidity (%) 1730 hours	29	21	13	17	20
Wind Speed (kmph)	5	4	6	7	6
Wind Direction	117	142	157	168	158

**GAURIBIDANUR BLOCK**

Parameter	17.01.2026	18.01.2026	19.01.2026	20.01.2026	21.01.2026
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	29	30	30	30	30
Min.Temp (°C)	16	15	15	16	16
Sky condition (Octas)	1	1	1	0	0
Relative humidity (%) 0830 hours	80	81	74	70	67
Relative humidity (%) 1730 hours	25	16	13	17	19
Wind Speed (kmph)	6	6	8	9	9
Wind Direction	145	140	158	169	161

**GUDIBANADA BLOCK**

Parameter	17.01.2026	18.01.2026	19.01.2026	20.01.2026	21.01.2026
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	29	29	30	30	29
Min.Temp (°C)	16	15	15	16	16
Sky condition (Octas)	1	1	1	0	1
Relative humidity (%) 0830 hours	81	81	77	71	70
Relative humidity (%) 1730 hours	26	17	13	17	20
Wind Speed (kmph)	9	8	9	9	9
Wind Direction	127	135	149	169	153

**SIDLAGHATTA BLOCK**

Parameter	17.01.2026	18.01.2026	19.01.2026	20.01.2026	21.01.2026
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	28	28	29	29	29
Min.Temp (°C)	13	12	13	14	14
Sky condition (Octas)	0	2	1	0	0
Relative humidity (%) 0830 hours	94	93	86	84	84
Relative humidity (%) 1730 hours	28	20	12	18	20
Wind Speed (kmph)	6	5	6	7	7
Wind Direction	114	129	145	165	155

- 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)

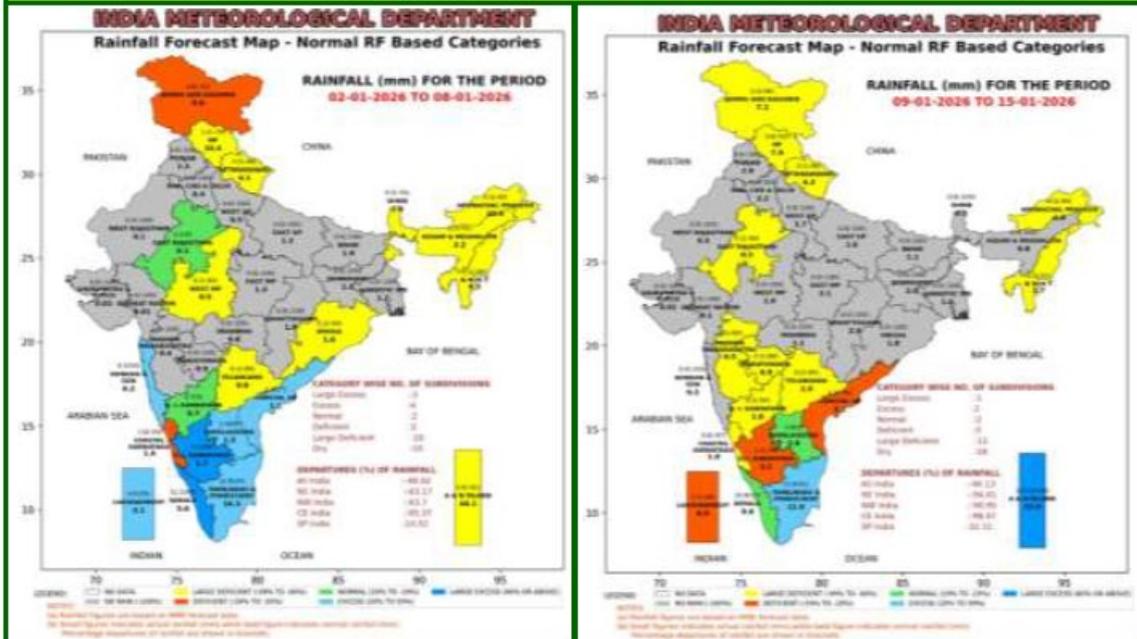
For any information farmers can contact **Dr. M. N. Thimmegowda**, Professor & Head/  
**Mr. L. Nagesha**, Technical officer over phone No. **9741109702/ 9008454142**

**AMFU of IMD,  
AICRP-AM, Bengaluru**

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

Extended Range Forecast System

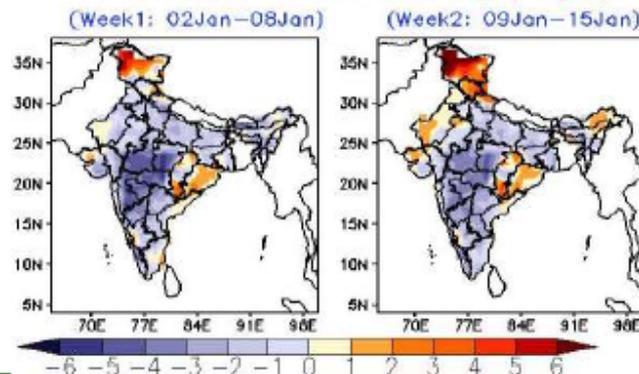
Rainfall forecast maps for the next 2 weeks (IC- 31<sup>st</sup> December, 2025)  
 (02<sup>nd</sup> to 15<sup>th</sup> January, 2026)



- **Week 1 (02.01.2025 to 08.01.2026):** Rainfall is likely over Jammu & Kashmir, Arunachal Pradesh, Kerala and Tamil Nadu.
- **Week 2 (09.01.2025 to 15.01.2026):** Rainfall is likely over Andaman & Nicobar Islands, Kerala and Tamil Nadu.

**Maximum and Minimum temperature anomaly (°C) forecast  
for the next 2 weeks (IC- 31<sup>st</sup> December, 2025)  
(02<sup>nd</sup> to 15<sup>th</sup> January, 2026)**

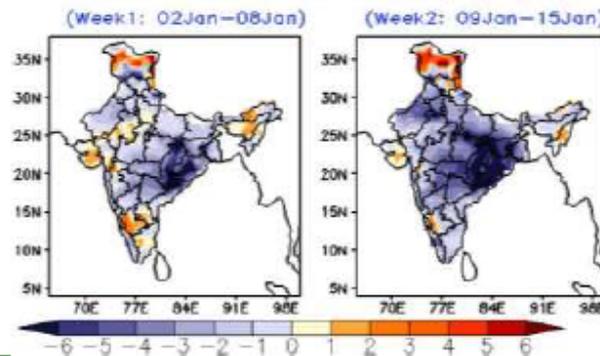
**MME forecast Tmax anomaly (Deg C)**



**Maximum Temperature (Tmax)**

- **Week 1 (02.01.2025 to 08.01.2026):** Maximum temperature is likely to be above normal over Jammu & Kashmir, Chhattisgarh, Odisha, some parts of Saurashtra & Kutch, Tamil Nadu and South Karnataka. However, it is likely to be below normal over many parts of North West India, Central India, West India, East & North East India and South India.
- **Week 2 (09.01.2025 to 15.01.2026):** Maximum temperature is likely to be above normal over many parts of North West India, Chhattisgarh, Odisha, Arunachal Pradesh, some parts of Assam, Saurashtra & Kutch and South Karnataka. However, it is likely to be below normal over Uttar Pradesh, Haryana, many parts of Central India, West India, East India, Nagaland Manipur Mizoram & Tripura (NMMT) region and South India.

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



**Minimum Temperature (Tmin)**

- **Week 1 (02.01.2025 to 08.01.2026):** Minimum temperature is likely to be below normal over East India, Central India, many parts of North West India, Maharashtra, Coastal Andhra Pradesh, Telangana and Kerala. However, it is likely to be above normal over Jammu & Kashmir, East Rajasthan, Gujarat, South Karnataka, Rayalaseema, many parts of North East India and Tamil Nadu.
- **Week 2 (09.01.2025 to 15.01.2026):** Minimum temperature is likely to be below normal over most parts of the country except Jammu & Kashmir, Saurashtra & Kutch, some parts of Himachal Pradesh, Nagaland Manipur Mizoram & Tripura (NMMT) region and South Karnataka.