

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



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Bengaluru – 560 065**



Date:09-12-2025

**AGRO-ADVISORY BULLETIN FOR CHIKKABALLAPURA DISTRICT**

Issued jointly by UAS, Bangalore & Indian Meteorological Department

**Past Weather Data (05-12-2025 to 09-12-2025)**

Parameter	05.12.2025	06.12.2025	07.12.2025	08.12.2025	09.12.2025
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	26.8	26	27.4	26.8	26.8
Min. Temp. (°C)	19.2	15.2	14.4	11.8	12.4
Sky condition (Octas)	6	6	6	6	6
Relative humidity (%) 0830 hours	93	85	89	83	76
Relative humidity (%) 1730 hours	93	98	95	95	96
Wind Speed (km/h)	2	2	2	2	2
Wind Direction	50	50	50	50	50



**Weather forecast for the next five days (From 10-12-2025 to 14-12-2025)**

Parameter	10.12.2025	11.12.2025	12.12.2025	13.12.2025	14.12.2025
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	27	28	27	28	27
Min. Temp. (°C)	12	13	12	13	12
Sky condition (Octas)	3	3	2	3	3
Relative humidity (%) 0830 hours	76	75	74	75	74
Relative humidity (%) 1730 hours	42	38	42	35	29
Wind Speed (kmph)	4	6	4	5	5
Wind Direction	83	77	81	82	98

**Forecast Summary**

As forecast received from IMD, cloudy sky with **No rain** expected from **10.12.2025 to 14.12.2025** in Chikkaballapura District. The day temperature is expected to be 27.0-28.0°C and night temperature is expected to be 12.0-13.0°C. The relative humidity in the morning hours is expected to be 74-76 % and afternoon relative humidity is expected to be in the range of 29-32 %, Wind speed is expected to be 4-6 km/hr.

**SMS Advisory**

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

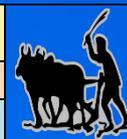
1. Right time for harvesting, drying, cleaning and storage of kharif crops.
2. Apply **neem leaves/neem powder** in grain bags as a natural repellent.
3. For long-term storage of pulses, store with **tri-sodium phosphate (TSP) treated** gunny sacks to reduce bruchid attack.

#### Vegetables & Horticulture

1. Stake/support tomato, chilli, and creepers against lodging due to winds.
2. Watch for fruit borer and shoot borer in fruit development stage.
3. Spray the chemicals early morning and late evening for better pest and disease control.

#### Livestock & Poultry

1. Give dry fodder and provide shelter to animals in evening higher humidity.
2. Maintain hygiene in sheds to prevent infections.



Crop	Stage	Weather-Based Agromet Advisory
<b>Ragi</b>	Harvesting stage	Harvest finger millet when ear heads turn brown and grains become hard, preferably during clear and dry weather to avoid shattering losses. Dry the harvested ear heads on clean tarpaulins until grain moisture reaches about 12%.
<b>Redgram</b>	Pod development and maturity stage	Cloudy and humid weather may increase <b>Pod borer</b> and <b>Sterility mosaic</b> incidence. To control of fruit borer in redgram to spray Indoxacarb 14.5 SC @ 0.5 ml/litre of water <b>or</b> spray Chlorantraniliprole 8.5 SC @ 0.3 ml/litre of water
<b>Maize</b>	Post harvest	Ensure quick drying of harvested crop. Store grains at <b>12% moisture</b> or below. Store grains in <b>air-tight, moisture-proof bags</b> (HDPE, PICS, or gunny bags with polyliners).
<b>Sunflower</b>	Post harvest	Ensure quick drying of harvested crop. Spread seeds thinly and sun-dry for <b>1–2 days</b> until seed moisture reaches <b>8–10%</b> .
<b>Tomato</b>	Fruit development	Higher humidity increases <b>late blight</b> and <b>fruit borer</b> incidence. Spray Copper oxychloride @2 g/l of water or Metalaxyl + Mancozeb @2 g/l of water. Drench Trichoderma harzianum biopesticide 5 g/l of water. Install pheromone traps (10/acre). Avoid excessive nitrogen and sprinkler irrigation.
<b>Cowpea</b>	Flowering and pod development stage	To control of Aphids to spray Dimethoate 30 EC @ 1.75 ml/liter of water
<b>Field bean</b>	Flowering and pod development stage	To control of Aphids to spray Dimethoate 30 EC @ 1.75 ml/liter of water. Pod borer control spray Chlorantraniliprole 0.3 ml/litre of water.



<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	Powdery mildew <i>Trichoderma spp./Bacillus subtilis</i> foliar spray @5 g/l of water Chemical control: Spray Wettable Sulphur @ 2 g/litre Spray Imidacloprid 17.8 SL @ 0.3 ml/litre for control of aphids Install the sticky yellow traps to reduce the pest population.
<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.
<b>Mango</b>		Apply <b>Zinc sulphate (3 g/L) + Boric acid (1 g/L)</b> once in November to improve flower bud formation. 1. Maintain <b>stress conditions</b> (no irrigation) for flowering induction.

#### 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 10-12-2025 to 14-12-2025)

BAGEPALLI BLOCK					
Parameter	10.12.2025	11.12.2025	12.12.2025	13.12.2025	14.12.2025
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	26	26	26	26	26

<b>Min.Temp (°C)</b>	15	15	14	13	13
<b>Sky condition (Octas)</b>	3	4	3	3	2
<b>Relative humidity (%) 0830 hours</b>	83	88	91	91	88
<b>Relative humidity (%) 1730 hours</b>	44	39	41	33	29
<b>Wind Speed (kmph)</b>	7	9	8	8	7
<b>Wind Direction</b>	96	92	100	95	111

#### CHIKKABALLAPURA BLOCK

Parameter	10.12.2025	11.12.2025	12.12.2025	13.12.2025	14.12.2025
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	24	25	24	25	26
<b>Min.Temp (°C)</b>	14	14	13	11	11
<b>Sky condition (Octas)</b>	2	3	2	2	2
<b>Relative humidity (%) 0830 hours</b>	87	89	96	96	97
<b>Relative humidity (%) 1730 hours</b>	51	40	47	35	29
<b>Wind Speed (kmph)</b>	10	10	10	9	8
<b>Wind Direction</b>	56	67	68	67	71

#### CHINTAMANI BLOCK

Parameter	10.12.2025	11.12.2025	12.12.2025	13.12.2025	14.12.2025
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	25	25	25	25	26
<b>Min.Temp (°C)</b>	15	14	13	12	12
<b>Sky condition (Octas)</b>	3	4	3	2	2
<b>Relative humidity (%) 0830 hours</b>	86	91	94	93	92
<b>Relative humidity (%) 1730 hours</b>	48	42	44	36	32
<b>Wind Speed (kmph)</b>	8	9	7	7	5
<b>Wind Direction</b>	41	43	53	47	56

#### GAURIBIDANUR BLOCK

Parameter	10.12.2025	11.12.2025	12.12.2025	13.12.2025	14.12.2025
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	27	27	27	27	27
<b>Min.Temp (°C)</b>	15	15	13	13	13
<b>Sky condition (Octas)</b>	3	4	3	3	2
<b>Relative humidity (%) 0830 hours</b>	84	88	91	92	90
<b>Relative humidity (%) 1730 hours</b>	39	33	35	27	24
<b>Wind Speed (kmph)</b>	7	8	6	7	5
<b>Wind Direction</b>	87	79	90	87	106

**GUDIBANADA BLOCK**

Parameter	10.12.2025	11.12.2025	12.12.2025	13.12.2025	14.12.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	25	26	25	26	27
Min.Temp (°C)	14	14	12	12	11
Sky condition (Octas)	2	3	2	2	2
Relative humidity (%) 0830 hours	85	87	93	94	95
Relative humidity (%) 1730 hours	48	39	44	35	27
Wind Speed (kmph)	9	10	9	10	9
Wind Direction	79	90	94	92	105

**SIDLAGHATTA BLOCK**

Parameter	10.12.2025	11.12.2025	12.12.2025	13.12.2025	14.12.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	26	25	25	26	26
Min.Temp (°C)	15	14	14	12	12
Sky condition (Octas)	3	4	3	2	2
Relative humidity (%) 0830 hours	85	90	93	93	92
Relative humidity (%) 1730 hours	45	38	41	32	28
Wind Speed (kmph)	10	11	10	10	7
Wind Direction	49	52	57	56	58

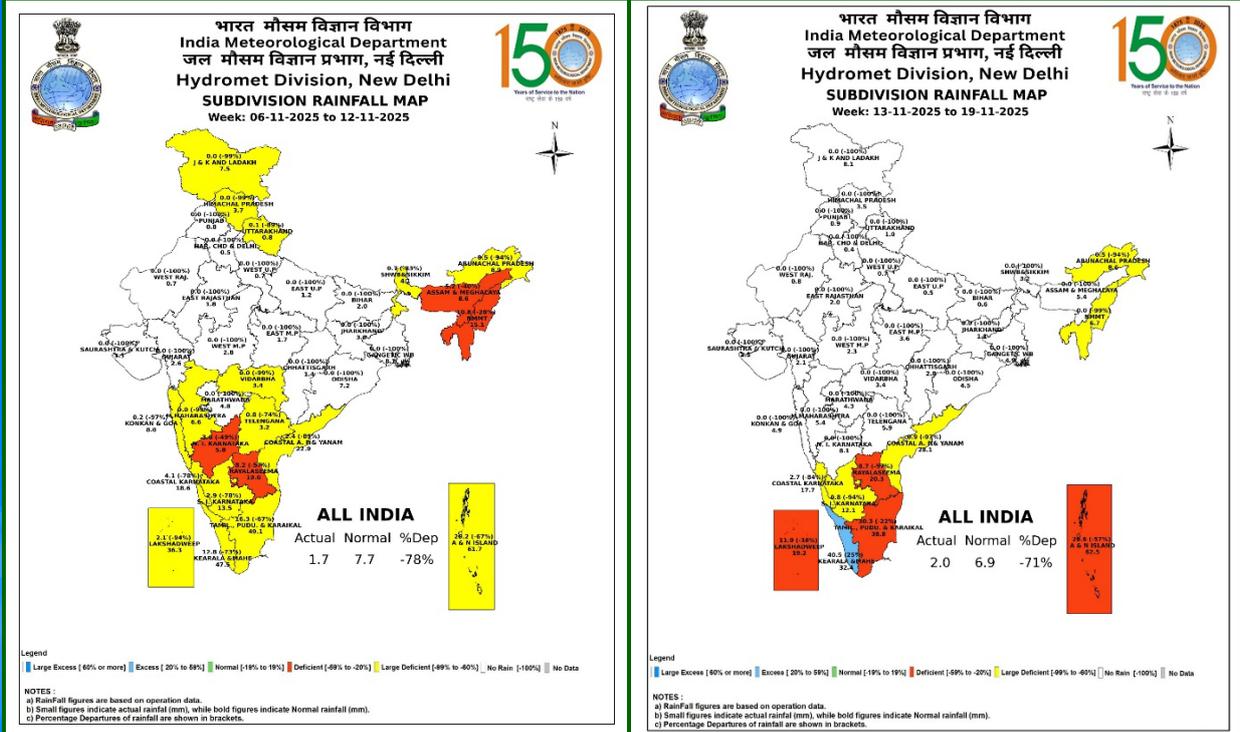
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download“**MAUSAM**”APP for location specific forecast & warning &“**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: [mausam.imd.gov.in](http://mausam.imd.gov.in)

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

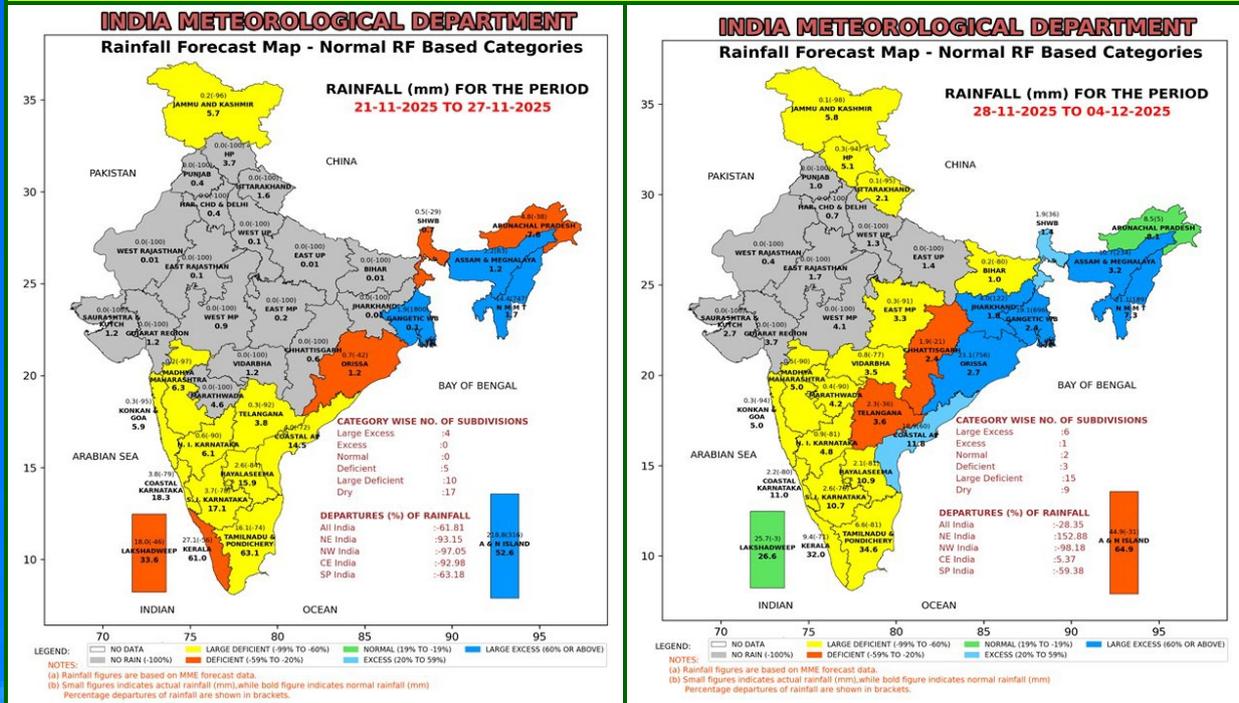
**Realized Rainfall**  
**(06<sup>th</sup> to 19<sup>th</sup> November, 2025)**



- Normal or above normal rainfall occurred in either of the two weeks over Kerala & Mahe.
- 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- 19<sup>th</sup> November, 2025) (21<sup>st</sup> November to 04<sup>th</sup> December, 2025)

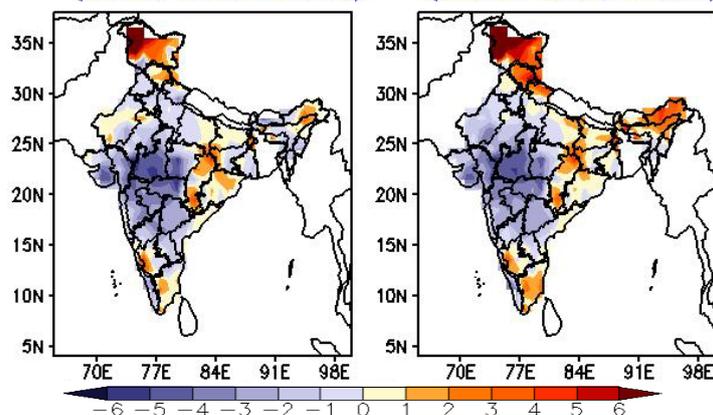


- **Week 1(21.11.2025 to 27.11.2025):** Rainfall is likely to be below normal over Kerala, Tamil Nadu and South Karnataka.
- **Week 2 (28.11.2025 to 04.12.2025):** Rainfall is likely to be above normal over Gangetic West Bengal, coastal regions of Odisha and Northern parts of Coastal Andhra Pradesh. However, it is likely to be below normal over Kerala, Tamil Nadu and some parts of South Karnataka.

**Maximum and Minimum temperature anomaly (°C) forecast  
for the next 2 weeks (IC- 19<sup>th</sup> November, 2025)  
(21<sup>st</sup> November to 04<sup>th</sup> December, 2025)**

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

(Week1: 21Nov-27Nov)      (Week2: 28Nov-04Dec)

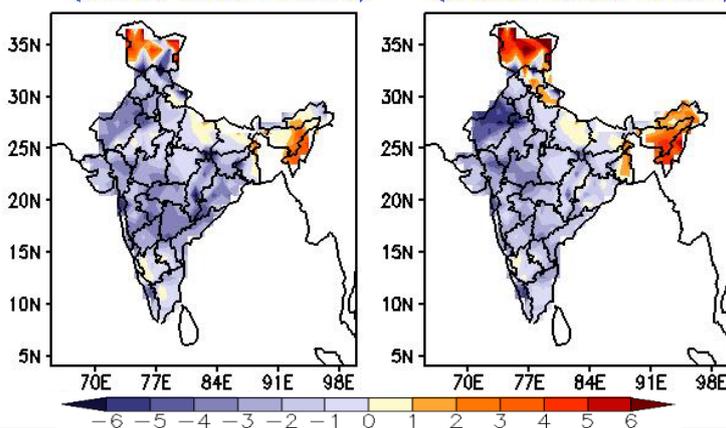


**Maximum Temperature (Tmax)**

- **Week 1 (21.11.2025 to 27.11.2025):** Maximum temperature is likely to be above normal over Jammu & Kashmir, Himachal Pradesh, West Rajasthan, Bihar, Arunachal Pradesh, Chhattisgarh, Odisha, Tamil Nadu, South Karnataka and some parts of East Uttar Pradesh. However, it is likely to be below normal over rest of the country.
- **Week 2 (28.11.2025 to 04.12.2025):** Maximum temperature is likely to be above normal over East India, North East India, Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Chhattisgarh, Tamil Nadu and South Karnataka. However, it is likely to be below normal over rest of the country.

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

(Week1: 21Nov-27Nov)      (Week2: 28Nov-04Dec)



**Minimum Temperature (Tmin)**

- **Week 1 (21.11.2025 to 27.11.2025):** Minimum temperature is likely to be below normal over most parts of the country except Jammu & Kashmir and North East India.
- **Week 2 (28.11.2025 to 04.12.2025):** Minimum temperature is likely to be below normal over most parts of the country except North East India, Jammu & Kashmir, Himachal Pradesh, Uttarakhand and Gangetic West Bengal.

