

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



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Bengaluru – 560 065**



Date:02-12-2025

AGRO-ADVISORY BULLETIN FOR CHIKKABALLAPURA DISTRICT

Issued jointly by UAS, Bangalore & Indian Meteorological Department

Past Weather Data (28-11-2025 to 02-12-2025)

Parameter	28.11.2025	29.11.2025	30.11.2025	01.12.2025	02.12.2025
Rainfall (mm)	0	0	3.2	2.2	0
Max. Temp. (°C)	24.2	24.6	20.6	20.8	22.2
Min. Temp. (°C)	14.2	14.6	16.4	17.2	18.6
Sky condition (Octas)	6	6	6	6	6
Relative humidity (%) 0830 hours	92	90	96	92	91
Relative humidity (%) 1730 hours	96	96	90	87	95
Wind Speed (km/h)	2	2	2	2	2
Wind Direction	50	50	50	50	50



Weather forecast for the next five days (From 03-12-2025 to 07-12-2025)

Parameter	03.12.2025	04.12.2025	05.12.2025	06.12.2025	07.12.2025
Rainfall (mm)	7	6	5	0	0
Max. Temp. (°C)	24	25	25	25	25
Min. Temp. (°C)	19	19	19	18	19
Sky condition (Octas)	5	5	5	4	3
Relative humidity (%) 0830 hours	85	84	82	83	84
Relative humidity (%) 1730 hours	74	72	75	71	70
Wind Speed (kmph)	4	6	4	6	4
Wind Direction	6	42	68	79	360

Forecast Summary

As forecast received from IMD, cloudy sky with **light rain** expected from **03.12.2025 to 07.12.2025** in Chikkaballapura District. The day temperature is expected to be 24.0-25.0°C and night temperature is expected to be 18.0-19.0°C. The relative humidity in the morning hours is expected to be 82-85 % and afternoon relative humidity is expected to be in the range of 70-75 %, Wind speed is expected to be 4-6 km/hr.

SMS Advisory

Cloudy weather and cooler temperature during nights triggers the pest and diseases incidences.



Recommendations to the farmers: -

Crop	Pest/Disease	Damage symptoms	Control measures
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General Advisory:

Field Crops

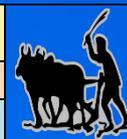
1. Right time for harvesting, drying, cleaning and storage of kharif crops.
2. A storage moisture content of 12–13% is recommended for harvested maize.
3. For safe storage, the moisture content of harvested groundnut must be maintained at 8–9%.

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
Ragi	Harvesting stage	Harvest the matured ear head and ensure quick drying of harvested crop.
Redgram	Pod development stage	Cloudy and humid weather may increase Pod borer and Sterility mosaic incidence. To control of fruit borer in redgram to spray Indoxacarb 14.5 SC @ 0.5 ml/litre of water or spray Chlorantraniliprole 8.5 SC @ 0.3 ml/litre of water
Maize	Harvesting stage	Ensure quick drying of harvested crop. Store grains at 12% moisture or below.
Groundnut	Harvesting stage	Ensure quick drying of harvested crop. Store at 8–9% moisture for safe long-term storage. Periodically check for rodents , pests, and mould.
Sunflower	Harvesting stage	Ensure quick drying of harvested crop. Spread seeds thinly and sun-dry for 1–2 days until seed moisture reaches 8–10% .
Tomato	Fruit development	Higher humidity increases late blight and fruit borer 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.
Cowpea	Flowering and pod development stage	To control of Aphids to spray Dimethoate 30 EC @ 1.75 ml/liter of water
Field bean	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.
Chilli	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.
Rose	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.
Guava	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.
Mango		Apply Zinc sulphate (3 g/L) + Boric acid (1 g/L) once in November to improve flower bud formation. 1. Maintain stress conditions (no irrigation) for flowering induction.

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 ample clean drinking water. 3. Monitor for tick and mite infestations; use approved acaricides if needed. 4. Provide balanced feed and mineral supplements. 5. Minimum temperatures cause cold stress in young calves/kids. Provide bedding (dry straw) and night shelter to reduce cold exposure.
Sericulture	<p>Humid and rainy conditions increase grasserie, flacherie and fungal diseases</p> <ol style="list-style-type: none"> 1. Maintain proper rearing house hygiene, clean and disinfect trays. 2. The recommendation of farmers closes the windows with tarpaulins sheet during night hours to maintain optimum room temperature. 3. Avoid wet or damp mulberry leaves, use air-dried or well-drained leaves.
Poultry	<ol style="list-style-type: none"> 1. Cool early mornings need brooder temperature maintenance for chicks. 2. Maintain poultry shed dryness; use lime powder to reduce moisture. 3. Provide electrolytes + vitamins in water for immunity. 4. Cool, humid mornings favor: CRD (Chronic Respiratory Disease), Coccidiosis, Colibacillosis- Follow routine vaccinations strictly (Ranikhet, IBD). 5. Maintain optimum lighting schedule to support winter egg production.

Block level weather forecast (From 03-12-2025 to 07-12-2025)

BAGEPALLI BLOCK					
Parameter	03.12.2025	04.12.2025	05.12.2025	06.12.2025	07.12.2025
Rainfall (mm)	3	5	3	0	0
Max. temp (°C)	23	23	25	25	25

Min.Temp (°C)	19	20	19	17	17
Sky condition (Octas)	5	5	5	4	4
Relative humidity (%) 0830 hours	95	95	95	95	93
Relative humidity (%) 1730 hours	79	82	69	67	60
Wind Speed (kmph)	6	12	12	11	8
Wind Direction	4	41	76	81	105

CHIKKABALLAPURA BLOCK

Parameter	03.12.2025	04.12.2025	05.12.2025	06.12.2025	07.12.2025
Rainfall (mm)	5	9	5	0	0
Max. temp (°C)	23	22	25	24	24
Min.Temp (°C)	18	19	19	17	16
Sky condition (Octas)	4	4	4	3	2
Relative humidity (%) 0830 hours	96	97	96	97	96
Relative humidity (%) 1730 hours	79	89	75	72	61
Wind Speed (kmph)	7	15	12	14	10
Wind Direction	348	41	90	79	79

CHINTAMANI BLOCK

Parameter	03.12.2025	04.12.2025	05.12.2025	06.12.2025	07.12.2025
Rainfall (mm)	4	7	4	0	0
Max. temp (°C)	23	23	25	24	24
Min.Temp (°C)	19	19	18	17	17
Sky condition (Octas)	5	5	5	5	4
Relative humidity (%) 0830 hours	96	96	96	97	94
Relative humidity (%) 1730 hours	82	83	71	72	63
Wind Speed (kmph)	10	14	12	10	8
Wind Direction	352	25	90	73	68

GAURIBIDANUR BLOCK

Parameter	03.12.2025	04.12.2025	05.12.2025	06.12.2025	07.12.2025
Rainfall (mm)	2	6	3	0	0
Max. temp (°C)	24	24	26	26	26
Min.Temp (°C)	19	20	19	18	17
Sky condition (Octas)	5	5	5	4	4
Relative humidity (%) 0830 hours	95	93	93	93	92
Relative humidity (%) 1730 hours	73	78	63	64	56
Wind Speed (kmph)	6	10	8	11	5
Wind Direction	346	34	85	82	98

GUDIBANADA BLOCK

Parameter	03.12.2025	04.12.2025	05.12.2025	06.12.2025	07.12.2025
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Rainfall (mm)	4	9	3	0	0
Max. temp (°C)	24	23	26	25	25
Min.Temp (°C)	18	20	19	18	16
Sky condition (Octas)	4	4	4	3	2
Relative humidity (%) 0830 hours	97	97	95	96	96
Relative humidity (%) 1730 hours	77	86	73	67	60
Wind Speed (kmph)	5	15	10	12	8
Wind Direction	352	43	79	85	100

SIDLAGHATTA BLOCK					
Parameter	03.12.2025	04.12.2025	05.12.2025	06.12.2025	07.12.2025
Rainfall (mm)	3	7	4	0	0
Max. temp (°C)	23	23	25	24	24
Min.Temp (°C)	19	19	18	17	17
Sky condition (Octas)	5	5	5	4	4
Relative humidity (%) 0830 hours	95	95	95	97	94
Relative humidity (%) 1730 hours	78	82	69	71	60
Wind Speed (kmph)	9	13	13	12	9
Wind Direction	2	29	93	80	72

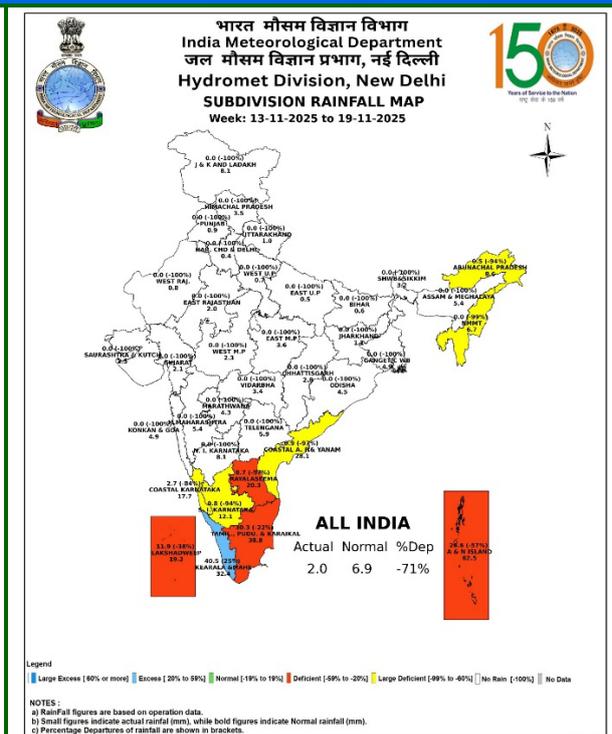
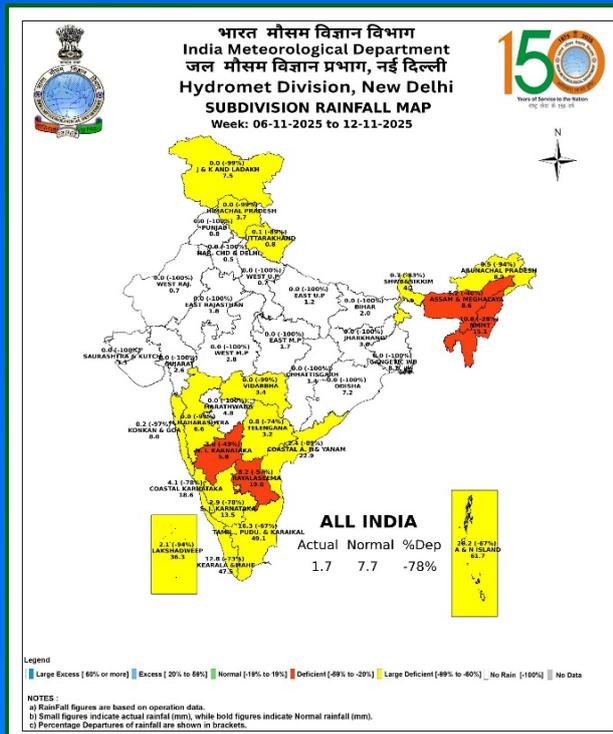
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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

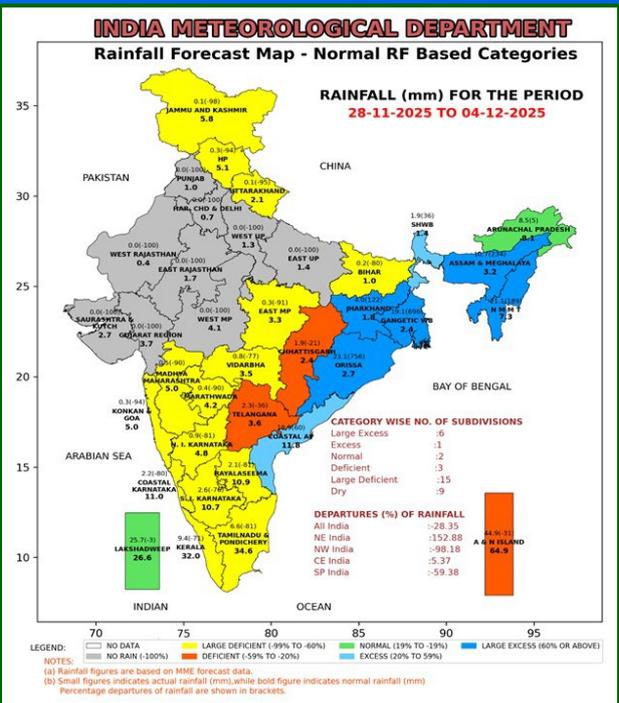
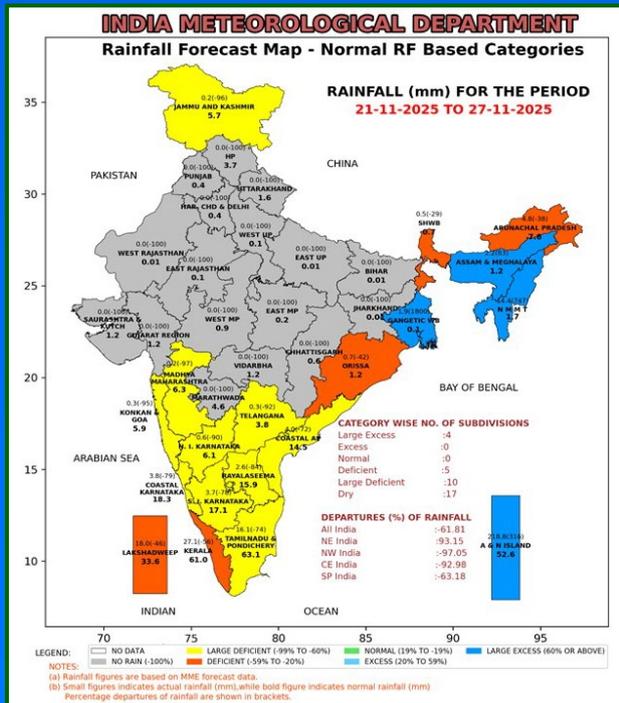
Realized Rainfall
(06th to 19th November, 2025)



- 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- 19th November, 2025)
(21st November to 04th December, 2025)

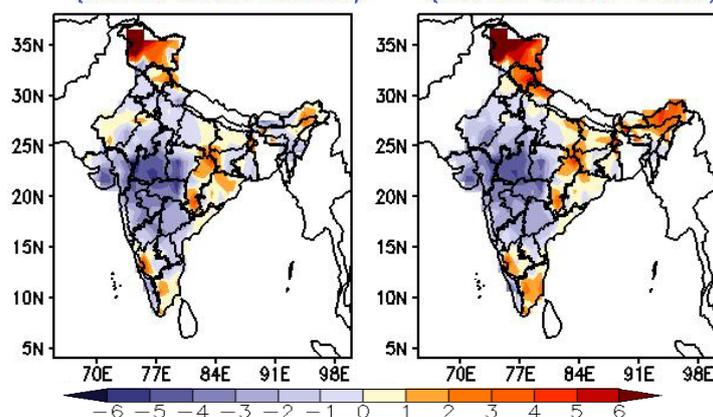


- **Week 1(21.11.2025 to 27.11.2025):** Rainfall is likely to be below normal over Kerala, Tamil Nadu and South Karnataka.
- **Week 2 (28.11.2025 to 04.12.2025):** Rainfall is likely to be above normal over Gangetic West Bengal, coastal regions of Odisha and Northern parts of Coastal Andhra Pradesh. 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- 19th November, 2025)
(21st November to 04th December, 2025)**

MME forecast Tmax anomaly (Deg C)

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

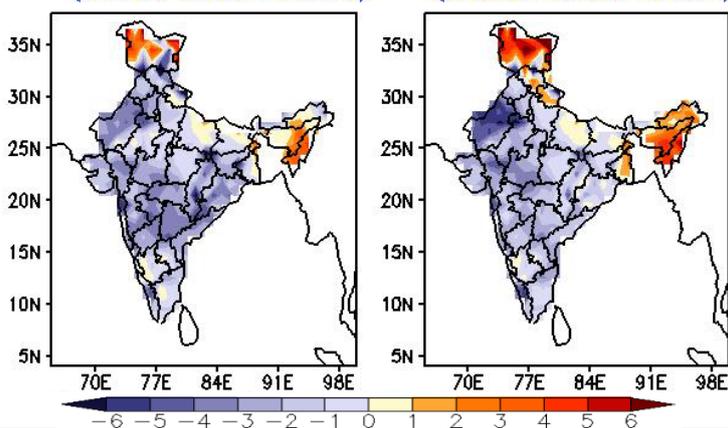


Maximum Temperature (Tmax)

- **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.

