

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



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



Date:02-12-2025

**AGRO-ADVISORY BULLETIN FOR RAMANAGARA DISTRICT
Issued jointly by UAS, Bangalore & Indian Meteorological Department**

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

	28.11.2025	29.11.2025	30.11.2025	01.12.2025	02.12.2025
Rainfall (mm)	-	-	-	-	-
Max. Temp. (°C)	-	-	-	-	-
Min. Temp. (°C)	-	-	-	-	-
Sky condition (Octas)	-	-	-	-	-
Relative humidity (%) 0830 hours	-	-	-	-	-
Relative humidity (%) 1730 hours	-	-	-	-	-
Wind Speed (km/h)	-	-	-	-	-
Wind Direction	-	-	-	-	-



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)	25	26	26	26	26
Min. Temp. (°C)	19	18	19	18	19
Sky condition (Octas)	5	5	5	4	3
Relative humidity (%) 0830 hours	85	84	83	84	85
Relative humidity (%) 1730 hours	62	60	61	63	62
Wind Speed (kmph)	5	6	6	6	4
Wind Direction	90	43	73	82	76

Forecast Summary

As forecast received from IMD, cloudy sky with **light rain** expected from **03.12.2025 to 07.12.2025** in Bengaluru Rural District. The day temperature is expected to be 25.0-26.0°C and night temperature is expected to be 18.0-19.0°C. The relative humidity in the morning hours is expected to be 83-85 % and afternoon relative humidity is expected to be in the range of 60-63 %, 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

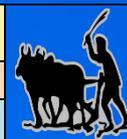
1. Right time for harvesting, drying, cleaning and storage of kharif crops.
2. A storage moisture content of 12–13% is recommended for harvested maize.
3. For safe storage, the moisture content of harvested groundnut must be maintained at 8–9%.

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.
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.
Mango		Apply Zinc sulphate (3 g/L) + Boric acid (1 g/L) once in November to improve flower bud formation. Maintain stress conditions (no irrigation) for flowering induction.
Arecanut		Moist conditions may cause infestation of spindle bug and inflorescence dieback . To control inflorescence dieback spray Copper oxychloride 3 g/litre on bunches and crown region. To control spindle bug spray



		Dimethoate 30 EC @ 2 ml/litre of water. Spray on spindle leaves and crown region using a hand sprayer
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Livestock, Poultry, and Sericulture Advisory	
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)

CHANNAPATTANA BLOCK

Parameter	03.12.2025	04.12.2025	05.12.2025	06.12.2025	07.12.2025
Rainfall (mm)	3	12	6	0	0
Max. temp (°C)	26	26	27	26	27
Min.Temp (°C)	19	20	20	18	18
Sky condition (Octas)	5	5	5	4	4
Relative humidity (%) 0830 hours	95	94	93	93	93
Relative humidity (%) 1730 hours	69	72	65	67	57
Wind Speed (kmph)	5	5	10	10	7
Wind Direction	309	21	63	74	61

KANAKAPURA BLOCK

Parameter	03.12.2025	04.12.2025	05.12.2025	06.12.2025	07.12.2025
Rainfall (mm)	4	11	5	0	0
Max. temp (°C)	26	25	27	26	27

Min.Temp (°C)	19	20	20	18	18
Sky condition (Octas)	5	5	4	4	4
Relative humidity (%) 0830 hours	95	94	93	93	92
Relative humidity (%) 1730 hours	70	74	65	67	58
Wind Speed (kmph)	4	4	9	10	7
Wind Direction	301	22	67	78	67

MAGADI BLOCK

Parameter	03.12.2025	04.12.2025	05.12.2025	06.12.2025	07.12.2025
Rainfall (mm)	1	10	8	0	0
Max. temp (°C)	25	25	26	26	26
Min.Temp (°C)	19	20	19	17	17
Sky condition (Octas)	5	5	5	5	4
Relative humidity (%) 0830 hours	94	92	93	94	93
Relative humidity (%) 1730 hours	70	72	61	64	55
Wind Speed (kmph)	8	10	14	14	9
Wind Direction	343	27	87	86	67

RAMANAGARA BLOCK

Parameter	03.12.2025	04.12.2025	05.12.2025	06.12.2025	07.12.2025
Rainfall (mm)	3	10	7	0	0
Max. temp (°C)	26	25	27	26	26
Min.Temp (°C)	19	20	19	18	18
Sky condition (Octas)	5	5	5	4	4
Relative humidity (%) 0830 hours	93	93	92	92	92
Relative humidity (%) 1730 hours	67	71	64	64	56
Wind Speed (kmph)	5	6	13	13	9
Wind Direction	318	21	77	81	67

- 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

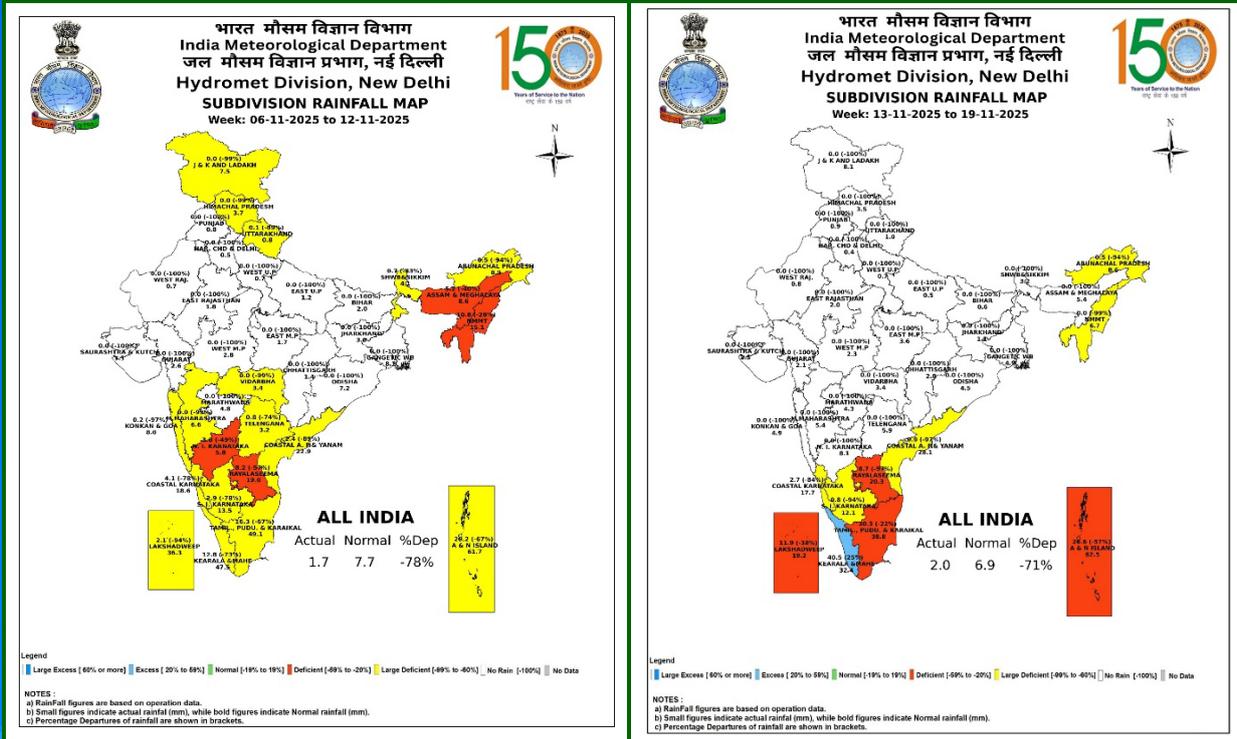
For any information farmers can contact **Dr. M. N. Thimmegowda**, Professor & Head/
Mr. L. Nagesha, Technical officer over phone No. **9741109702/ 9008454142**

**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)

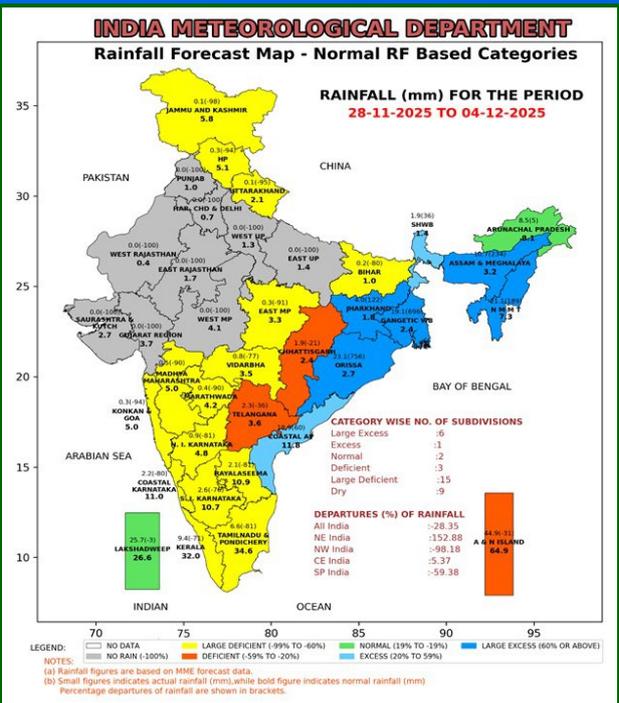
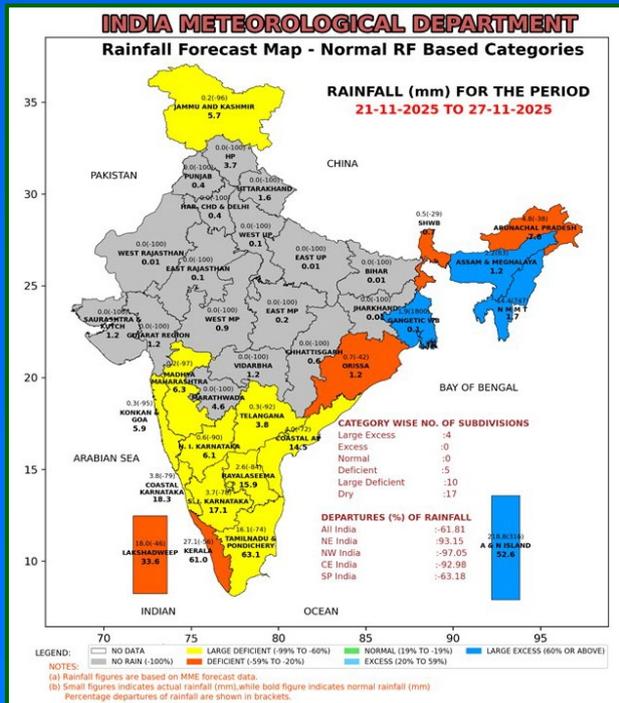


- Normal or above normal rainfall occurred in either of the two weeks over Kerala & Mahe.
- Below Normal rainfall/ No rain occurred in both the weeks over rest of the States & UTs.

Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 19th November, 2025)

(21st November to 04th December, 2025)



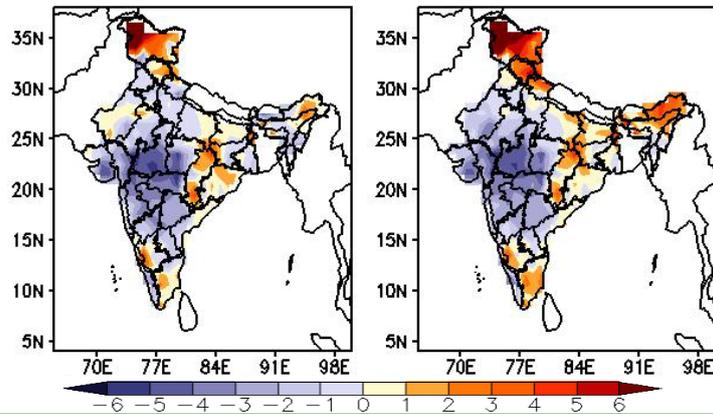
- **Week 1(21.11.2025 to 27.11.2025):** Rainfall is likely to be below normal over Kerala, Tamil Nadu and South Karnataka.
- **Week 2 (28.11.2025 to 04.12.2025):** Rainfall is likely to be above normal over Gangetic West Bengal, coastal regions of Odisha and Northern parts of Coastal Andhra Pradesh.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



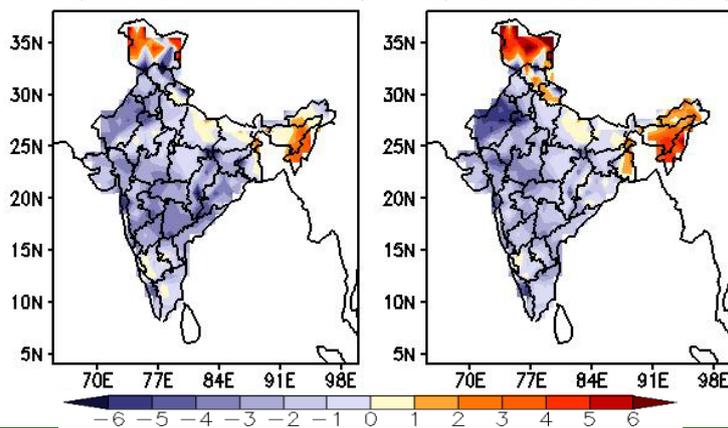
Maximum Temperature (Tmax)

- **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.

