UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &
INDIAN METEOROLOGICAL DEPARTMENT

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MYSURU – 570003

Date: 05-12-2025

AGRO-ADVISORY BULLETIN FOR CHAMARAJANAGARA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	02.12.2025	03.12.2025	04.12.2025	05.12.2025
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 06-12-2025 to 10-12-2025)

Parameter	06.12.2025	07.12.2025	08.12.2025	09.12.2025	10.12.2025
Rainfall (mm)	1	0	0	0	0
Max. Temp. (°C)	29	28	29	28	29
Min.Temp. (°C)	19	20	19	19	20
Sky condition (Octas)	5	4	3	2	3
Relative humidity (%) 0830 hours	82	81	80	82	81
Relative humidity (%) 1730 hours	62	63	62	61	60
Wind Speed (kmph)	4	6	6	6	4
Wind Direction	75	66	82	80	360

*GW - Gusty wind, TSH – Thunderstorm

Forecast Summary

As forecast received from IMD, partially cloudy sky with light rainfall may be expected from 06.12.2025 to 10.12.2025 in Chamarajanagara district. The day temperature is expected to be 28-29°C & night temperature is expected 19-20°C. The relative humidity in the morning hours is expected to be 80-82% & afternoon relative humidity is expected to be in the range of 60-63% Wind speed expected to be 4-6 km/hr.

General Advisory:

Cold Morning Precautions

- Low morning temperatures may cause cold stress to crops and livestock.
- Provide **light evening irrigation** to maintain soil warmth in vegetable fields.
- **Cover nurseries and young seedlings** (tomato, chilli, cabbage) with dry grass or plastic sheets during night.

Irrigation Management

- Since no rain is expected, **irrigate crops once in 5–7 days**.
- Avoid excess irrigation as humidity is moderate.
- Prioritize irrigation for paddy (milking stage), ragi, red gram, and vegetable crops.

Crop Management

- Favorable weather for **weeding, earthing-up, and fertilizer or pesticide application**.
- Dry and sunny weather is ideal for **harvesting and drying of grains, turmeric, ginger, and pulses**.
- **Collect and sun-dry produce** to avoid post-harvest losses.

Horticultural Crops

- **Mulching** around basins of banana, coconut, and arecanut helps conserve soil moisture.
- Provide **regular irrigation** to fruit crops like banana, papaya, and sapota.
- Prune unwanted shoots to improve air circulation.

Livestock and Poultry

- Provide **warm and dry shelters** during night and early morning.
- Avoid cold winds entering animal sheds.
- Supply **clean drinking water and dry fodder** regularly.
- For poultry, use **curtains or gunny bags** around sheds to reduce cold air entry.

Sericulture

- Maintain **optimum room temperature and humidity** in rearing houses.
- Avoid exposure of silkworms to cold morning air.
- Ensure **adequate ventilation** during daytime.

SMS Advisory:

Dry weather expected; no rainfall. Morning temperature remains low (18–19°C). To protect vegetable nurseries from cold, give light irrigation in the evening and cover with dry grass or plastic sheets at night. Provide irrigation to field crops, banana, coconut, and arecanut. Keep livestock in warm shelters and cover poultry sheds to prevent cold air entry.

Crops and Suitable Varieties for Sowing in November

- **Ragi (Finger Millet): GPU-45**
- **Maize: MAH-15-84**
- **Groundnut (1st–2nd week): Annigeri-1, JG-11, Vishal, KAK-2**
- **Soybean (Irrigated): K.B-79,MAUS-2(Pooja), Karuna(Vegetable soyabean),KBS-23**
- **Niger (In paddy fallows): G.T-1, Navile-1(tunga),TMV-3, T-7,GKVKS-1**
- **Safflower: Annigeri-1, NARI-6, A-2**
- **Sugarcane: Co-62175, Co-86032, Co-8371 (Bheema), CoVC-99463 (Vishal), VCF-0517 (Baahubali), CoVC-18061, CoVC-16062**
- **Horticultural Crops: Garlic, Brinjal, tomato, potato, cabbage, cauliflower, chilli , Brinjal, watermelon, carrot.**
- **Fodder Crops: Maize: JCET-3**

- **Cowpea: MFC-09-01, MFC-09-03, MFC-08-14**
- **Oats (Fodder Wheat): OS-6, RO 11-1**
- **Bajra–Napier Hybrid Grass: PBN-342**

Recommendations to the farmers:-

Weather based advisory

Crop	Stage	Weather-Based Advisory
Paddy	Tillering to panicle initiation stage	Maintain optimum water level (5 cm) in fields as light–moderate rainfall is expected. Apply top-dressing of nitrogen if not done. Monitor for leaf folder and blast; spray need-based fungicide.
Maize	Cob formation stage	Ensure proper soil moisture during tasseling stage, as even slight water stress affects yield. Avoid spraying pesticides during flowering. Monitor for stem borer and fall armyworm.
Tomato	Fruit formation	Rainfall and high humidity may cause fruit rot and late blight. Ensure staking and drainage. Spray protective fungicides like copper oxychloride or mancozeb. Avoid excess nitrogen application.
Banana	Fruit development	Provide staking/support to prevent lodging due to winds (8–10 kmph). Maintain proper drainage to avoid waterlogging. Apply potash for better fruit quality.
Black gram, Green gram, Red gram, Field bean, Cowpea	Pod filling	Maintain adequate soil moisture with light irrigation if rainfall is insufficient. Avoid pesticide sprays during flowering–pod formation to protect pollinators. Monitor for pod borers.
Sugarcane	Vegetative	Maintain good drainage as intermittent rainfall is expected. Provide earthing-up to support canes. Apply recommended dose of nitrogen if pending. Watch for borers and smut incidence.
Vegetable crops (general)	Various stages	Provide drainage to avoid waterlogging. Monitor for sucking pests and fungal diseases due to high humidity. Spray neem-based formulations or need-based pesticides. Harvest matured vegetables during dry hours.

Sector	Advisory
Livestock	- Provide clean, dry shelter to protect from rain and wind. - Maintain hygiene to prevent hoof and skin infections. - Ensure adequate clean water and balanced nutrition.
Poultry	- Keep sheds well-ventilated but protected from rain and gusty winds. - Maintain dry litter to avoid disease. - Provide vitamin supplements to boost immunity.
Sericulture	- Maintain optimum temperature and humidity in rearing houses. - Ensure mulberry leaves are not wet during feeding. - Improve ventilation to prevent fungal diseases in silkworms.

Recommendation to farmers

Crop specific advisory:

Crop	Stage	Advisory
Maize fall army worm	Tasseling stage	✓ Handpick and destroy egg masses and larvae. ✓ Use predators like *Trichogramma pretiosum* or parasitoids like *Telenomus remus*.

		✓ Apply *Metarhizium anisopliae* or *Beauveria bassiana*. ✓ Spray Chlorantraniliprole 18.5% SC @ 0.4 ml/l or Emamectin benzoate 5% SG @ 0.4 g/l. Avoid excessive nitrogen application.
Coconut rugose whitefly	Vegetative stage	✓ Prune and burn infested leaves. ✓ Release *Encarsia guadeloupae* parasitoids. Conserve natural predators like ladybird beetles (*Cryptolaemus montrouzieri*). ✓ Spray Neem oil 1% or use Acephate 75 SP @ 1 g/l as a spot application if infestation is severe.

Block level weather forecast					
Chamarajanagara					
Parameter	**06.12.2025**	**07.12.2025**	**08.12.2025**	**09.12.2025**	**10.12.2025**
Rainfall (mm)	2.2	22.4	7	0.6	0
Max. temp (°C)	26.9	26.2	25.7	25.5	25.5
Min.Temp (°C)	17.6	19.2	19.1	17.2	16.2
Sky condition (Octas)	4	4	2	3	3
Relative humidity (%) 0830 hours	97.4	97.6	97.2	98	98.7
Relative humidity (%) 1730 hours	62.1	69.9	69.3	69.1	61.2
Wind Speed (kmph)	4.1	3.7	6.5	6.8	6.4
Wind Direction	344.7	348.7	109.4	87	73.6

Gundlupete					
Parameter	**06.12.2025**	**07.12.2025**	**08.12.2025**	**09.12.2025**	**10.12.2025**
Rainfall (mm)	1.8	16.1	2.9	3.2	0
Max. temp (°C)	25.6	25.9	25.1	25	25.2
Min.Temp (°C)	17.9	19.2	18.5	17.7	17.2
Sky condition (Octas)	5	5	4	4	4
Relative humidity (%) 0830 hours	97.9	97.7	96.2	95.2	96.3
Relative humidity (%) 1730 hours	65.7	65.8	66.9	70	63.2
Wind Speed (kmph)	1.8	1.4	6.8	9	7.2
Wind Direction	360	360	115.2	94.6	90

Kollegala					
Parameter	**06.12.2025**	**07.12.2025**	**08.12.2025**	**09.12.2025**	**10.12.2025**
Rainfall (mm)	2.8	15.2	2.8	1.6	0
Max. temp (°C)	25.8	25.8	26.1	25.7	26
Min.Temp (°C)	18.5	19.7	19.2	18.2	17.9
Sky condition (Octas)	5	5	4	4	4
Relative humidity (%) 0830 hours	96.4	96.6	95.5	94.8	95.2
Relative humidity (%) 1730 hours	69.6	71.8	67.2	67.9	60.6

Wind Speed (kmph)	2.8	3.6	2.5	6.3	5.5
Wind Direction	309.8	36.9	98.1	76.8	66.8

Yelandur					
Parameter	**06.12.2025**	**07.12.2025**	**08.12.2025**	**09.12.2025**	**10.12.2025**
Rainfall (mm)	3.2	15.5	3.6	1.6	0
Max. temp (°C)	25.7	25.9	25.8	25.5	25.8
Min.Temp (°C)	18.4	19.7	19.2	18.2	17.9
Sky condition (Octas)	5	5	4	4	4
Relative humidity (%) 0830 hours	96.7	96.4	95.4	94.3	95
Relative humidity (%) 1730 hours	69.5	70.5	68.1	68.2	61.2
Wind Speed (kmph)	2.8	3.6	2.6	5.9	5.6
Wind Direction	320.2	36.9	123.7	79.4	63.4

Hanur					
Parameter	**06.12.2025**	**07.12.2025**	**08.12.2025**	**09.12.2025**	**10.12.2025**
Rainfall (mm)	5.4	18.6	5.4	2	0
Max. temp (°C)	24.7	24.5	24.7	24	24.7
Min.Temp (°C)	18	19.4	18.7	17.7	17.1
Sky condition (Octas)	5	5	4	5	5
Relative humidity (%) 0830 hours	97.4	98	97.4	97	97.6
Relative humidity (%) 1730 hours	73.5	77.4	72.3	75.2	64.8
Wind Speed (kmph)	3.1	2.6	4.4	5.4	4.7
Wind Direction	290.6	15.9	99.5	86.2	85.6

- 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

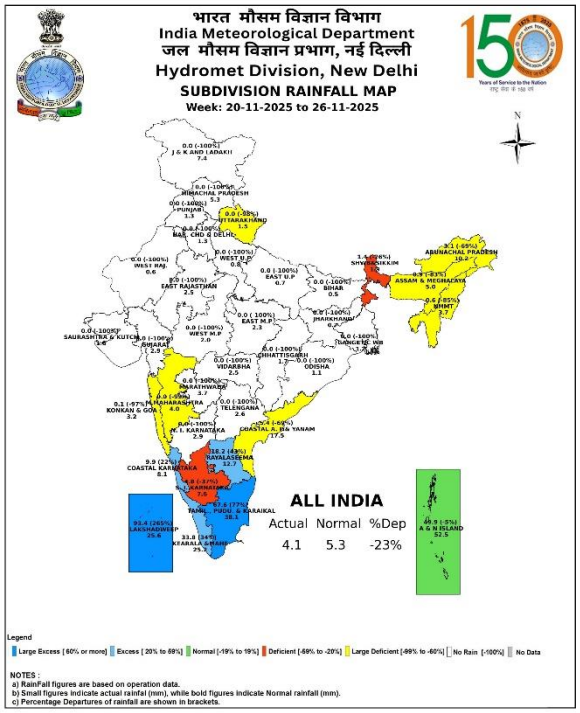
For any information farmers can contact **Dr.Umashankar Kumar, N.**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No. 0821-259126/ 9535345814.

AMFU of IMD,
Naganahalli, Mysuru

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

Realized Rainfall

(20th November to 03rd December, 2025)

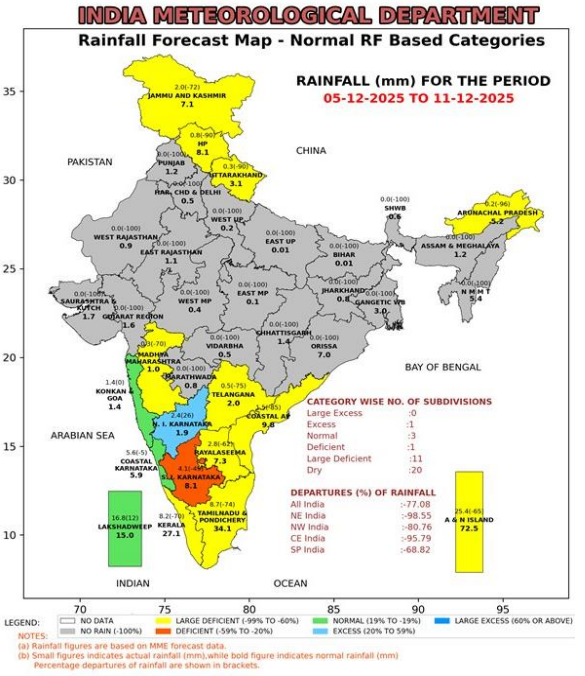


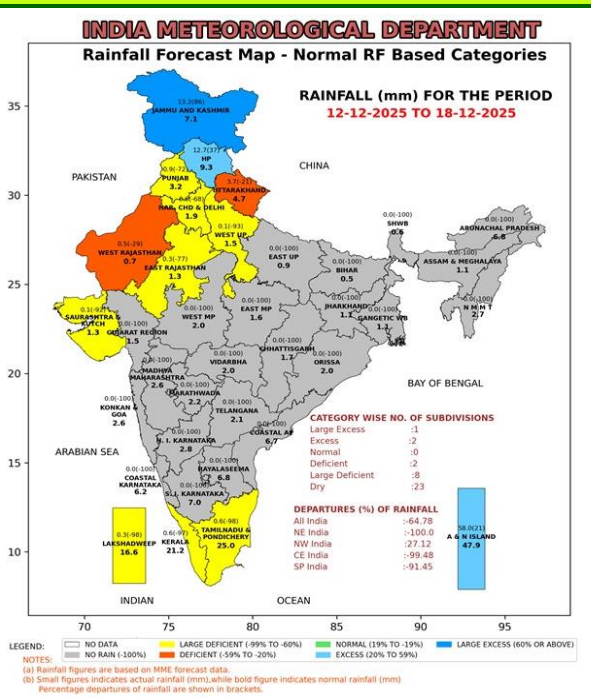


Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 03rd December, 2025)

(05th December to 18th December, 2025)

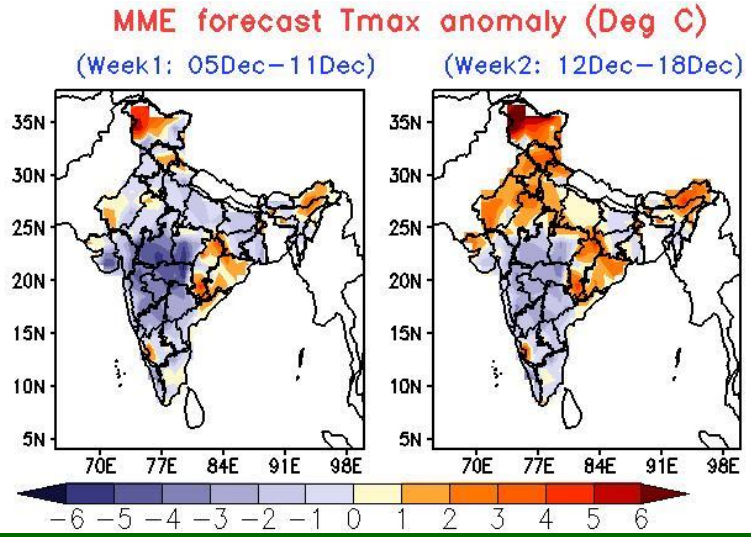




- **Week 1 (05.12.2025 to 11.12.2025):** Rainfall is likely to be below normal over Kerala and Tamil Nadu.
- **Week 2 (12.12.2025 to 18.12.2025):** Rainfall is likely over Jammu & Kashmir and Himachal Pradesh.

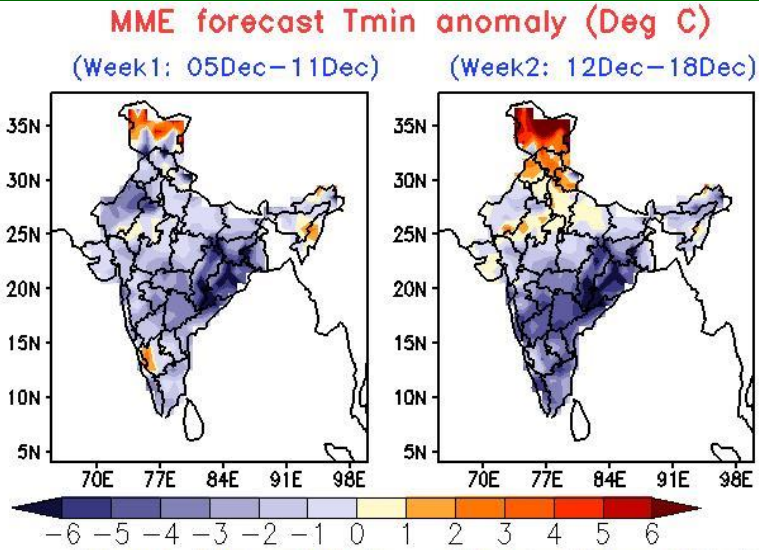
Maximum and Minimum temperature anomaly (°C) forecast

for the next 2 weeks (IC- 03rd December, 2025)
(05th December to 18th December, 2025)



Maximum Temperature (Tmax)

- **Week 1 (05.12.2025 to 11.12.2025):** Maximum temperature is likely to be above normal over Jammu & Kashmir, Himachal Pradesh, Chhattisgarh, Odisha, Arunachal Pradesh, North East Assam, some parts of South Karnataka and Rajasthan. However, it is likely to be below normal over many parts of Central India, West India, North West India, South India and East India.
- **Week 2 (12.12.2025 to 18.12.2025):** Maximum temperature is likely to be above normal over North West India, northern parts of Saurashtra-Kutch, Chhattisgarh, Odisha, Arunachal Pradesh, Assam and some parts of South Karnataka. However, it is likely to be below normal over many parts of Central India, West India, South India, East India and Nagaland, Manipur, Mizoram & Tripura region.



Minimum Temperature (Tmin)

- **Week 1 (05.12.2025 to 11.12.2025):** Minimum temperature is likely to be below normal over most parts of the country except in Jammu & Kashmir, some parts of South Karnataka and Nagaland, Manipur, Mizoram & Tripura region.
- **Week 2 (12.12.2025 to 18.12.2025):** Minimum temperature is likely to be below normal over most parts of the country except many parts of North West India.