

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



**GRAMIN KRISHI MAUSAM SEWA
AMFU, OFRS, NAGANAHALLI,
MYSURU - 570003**



Date: 31-10-2025

AGRO-ADVISORY BULLETIN FOR CHAMARAJANAGARA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	28.09.2025	29.10.2025	30.10.2025	31.10.2025
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 01-11-2025 to 05-11-2025)

Parameter	01.11.2025	02.11.2025	03.11.2025	04.11.2025	05.11.2025
Rainfall (mm)	0.1	0.1	0	0.3	1.6
Max. Temp. (°C)	29.1	28.8	28.6	28	28.5
Min.Temp. (°C)	17.5	17.2	16.7	16.9	17.6
Sky condition (Octas)	4	2	5	5	5
Relative humidity (%) 0830 hours	87	84	81	81	78
Relative humidity (%) 1730 hours	44	40	40	43	46
Wind Speed (kmph)	2.2	3.3	3.6	3.6	3.3
Wind Direction	261	264	360	276	283

*GW - Gusty wind, TSH - Thunderstorm

Forecast Summary

As forecast received from IMD, partially cloudy sky with **light rainfall** may be expected from 01.11.2025 to 05.11.2025 in Chamarajanagara district. The day temperature is expected to be 28-29.1 C & night temperature is expected 16.7-17.6°C . The relative humidity in the morning hours is expected to be 78-87% & afternoon relative humidity is expected to be in the range of 40-46% Wind speed expected to be 2.2-3.6 km/hr.

General Advisory:

Field Crops

- Provide drainage in paddy and vegetable fields to avoid waterlogging.
- Take up neem oil/botanical sprays in ragi and pulses for sucking pests during dry weather.
- Avoid intercultural operations when soil is too wet.

Vegetables & Horticulture

- Stake/support tomato, chilli, and creepers against lodging due to winds.
- Watch for fruit rot and leaf blight in vegetables under humid conditions.

Livestock & Poultry

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

Water Conservation

- Harvest and store rainwater in farm ponds for rabi crops.

SMS Advisory:

Fair weather expected; carry out weeding and fertilizer application, avoid spraying or harvesting during drizzle, and ensure proper drainage in low-lying fields.

Crops and Suitable Varieties for Sowing in October

- **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	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - Keep sheds well-ventilated but protected from rain and gusty winds. - Maintain dry litter to avoid disease. - Provide vitamin supplements to boost immunity.
Sericulture	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> ✓ Handpick and destroy egg masses and larvae. ✓ Use predators like <i>Trichogramma pretiosum</i> or parasitoids like <i>Telenomus remus</i>. ✓ Apply <i>Metarhizium anisopliae</i> or <i>Beauveria bassiana</i>. ✓ 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	<ul style="list-style-type: none"> ✓ Prune and burn infested leaves. ✓ Release <i>Encarsia guadeloupae</i> parasitoids. Conserve natural predators like ladybird beetles (<i>Cryptolaemus montrouzieri</i>). ✓ 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	29.10.2025	30.10.2025	31.10.2025	01.11.2025	02.11.2025
Rainfall (mm)	0	0.1	0.1	0.2	1.1

Max. temp (°C)	29.4	28.7	28.7	27.7	28.2
Min.Temp (°C)	17.4	17	16.2	17.1	17.4
Sky condition (Octas)	5	2	5	5	5
Relative humidity (%) 0830 hours	86	83	82.2	80.2	77.6
Relative humidity (%) 1730 hours	41.1	39	38.7	40.9	43.1
Wind Speed (kmph)	0.5	1.3	1.8	2.9	2.7
Wind Direction	315	303.7	281.3	299.8	293.2

Gundlupete

Parameter	29.10.2025	30.10.2025	31.10.2025	01.11.2025	02.11.2025
Rainfall (mm)	0	0.1	0	0.2	0.8
Max. temp (°C)	28.6	28.2	28.2	27.4	28
Min.Temp (°C)	16.8	16.7	16	15.9	17.1
Sky condition (Octas)	4	2	5	5	4
Relative humidity (%) 0830 hours	84.6	81.8	81.3	83.6	79.6
Relative humidity (%) 1730 hours	42.5	39.1	36.6	41.3	43.9
Wind Speed (kmph)	3.6	3.7	4	3.3	3.2
Wind Direction	225	240.9	243.4	263.7	360

Kollegala

Parameter	29.10.2025	30.10.2025	31.10.2025	01.11.2025	02.11.2025
Rainfall (mm)	0	0.1	0	0.3	1.8
Max. temp (°C)	30	29.5	29.5	28.9	29.1
Min.Temp (°C)	17.9	17.9	17.4	17.4	18.4
Sky condition (Octas)	4	2	5	5	5
Relative humidity (%) 0830 hours	89.1	89.3	85.1	87.2	83.2
Relative humidity (%) 1730 hours	42.9	42	42.8	43.8	47.9
Wind Speed (kmph)	2.3	3.1	2.9	3.5	3.2
Wind Direction	218.6	215.5	240.2	246	243.4

Yelandur

Parameter	29.10.2025	30.10.2025	31.10.2025	01.11.2025	02.11.2025
Rainfall (mm)	0	0.1	0	0.3	1.9
Max. temp (°C)	29.8	29.2	29.2	28.7	29
Min.Temp (°C)	17.7	17.7	17.1	17.4	18.1
Sky condition (Octas)	5	2	5	5	5
Relative humidity (%) 0830 hours	87.6	87.2	82.2	84.5	80.5
Relative humidity (%) 1730 hours	41.8	41.1	40.9	42.6	46

Wind Speed (kmph)	2.1	2.9	2.4	3.4	2.6
Wind Direction	210.9	209.7	243.4	251.6	254

Hanur					
Parameter	29.10.2025	30.10.2025	31.10.2025	01.11.2025	02.11.2025
Rainfall (mm)	0.1	0.1	0.2	0.5	2.8
Max. temp (°C)	28.7	28.2	27.9	27.2	27.7
Min.Temp (°C)	17.1	16.8	16.4	16.8	17.2
Sky condition (Octas)	3	3	5	5	6
Relative humidity (%) 0830 hours	86.4	85.5	79.9	80.9	79.5
Relative humidity (%) 1730 hours	43	41.4	42.7	45	49.7
Wind Speed (kmph)	3.5	5	4.4	4.7	4
Wind Direction	246	249	260.5	261.2	259.7

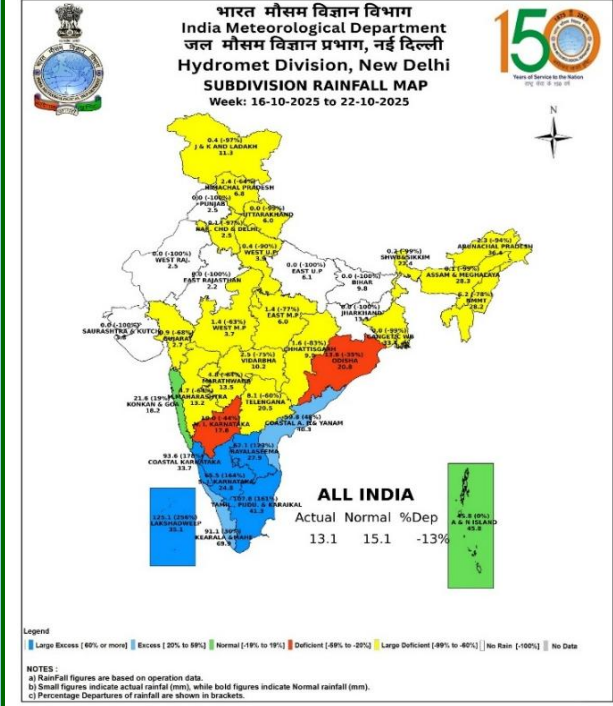
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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**

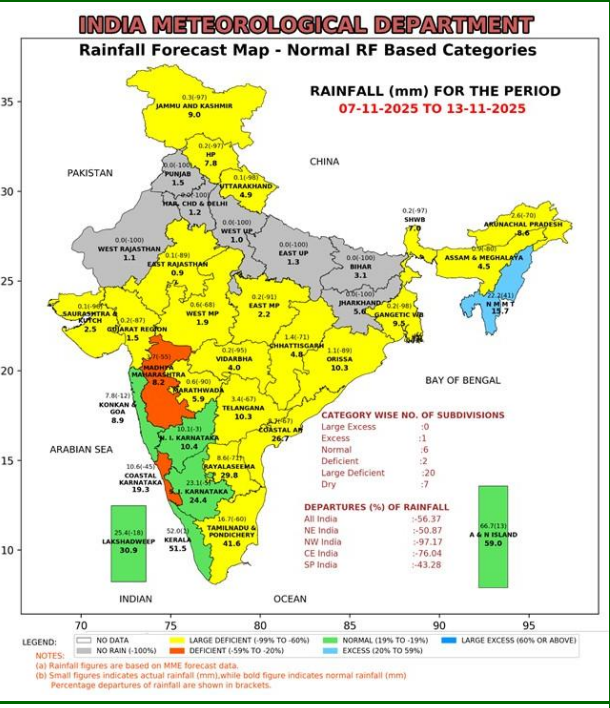
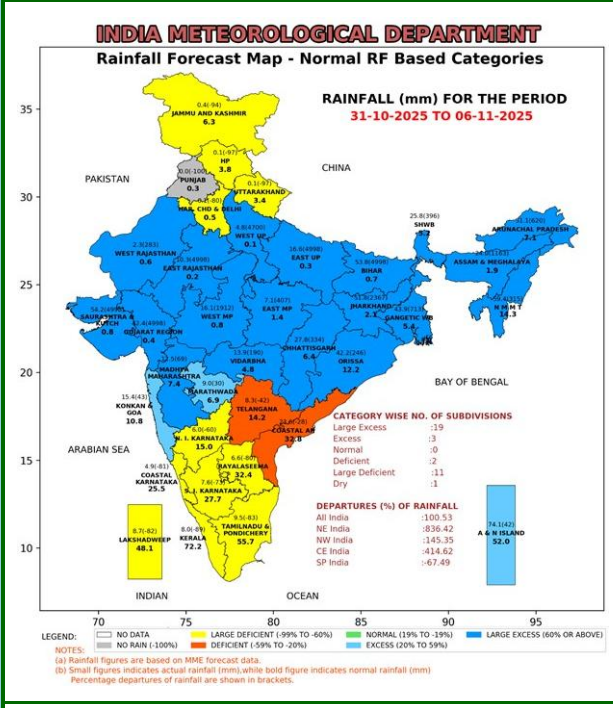
वास्तविक वर्षातथाविस्तारितअवधिपूर्वानुमान
Realized Rainfall and Extended Range Forecast
 (वर्षाऔरतापमान)
 (Rainfall and Temperature)

Realized Rainfall
 (16th to 29th October, 2025)



Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC-29th October, 2025)
 (31st October to 13th November, 2025)



- **Week 1(31.10.2025 to 06.11.2025):** Rainfall is likely to be above normal over East India, North East India, Gujarat, East Rajasthan, West Madhya Pradesh, Vidarbha and Uttar Pradesh. However, it is likely to be below normal over South India.

- **Week 2 (07.11.2025 to 13.11.2025):** Rainfall is likely to be near to normal over most parts of the country except Jammu & Kashmir, Tamil Nadu and Andhra Pradesh.

Maximum and Minimum temperature anomaly (°C) forecast

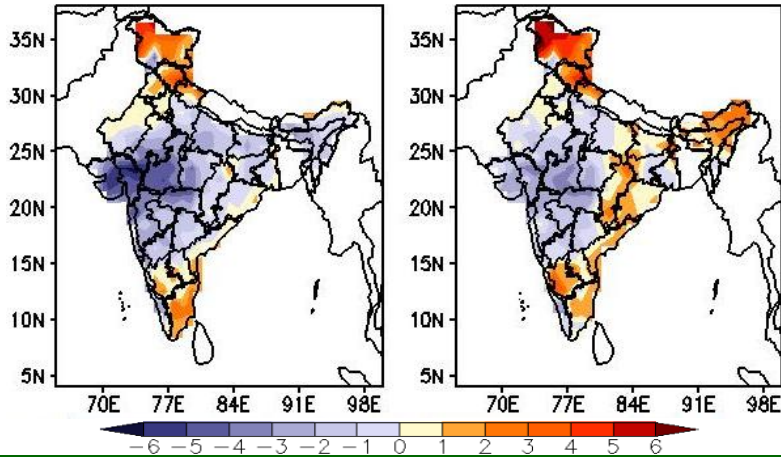
for the next 2 weeks (IC- 29th October, 2025)

(31st October to 13th November, 2025)

MME forecast Tmax anomaly (Deg C)

(Week1: 31Oct-06Nov)

(Week2: 07Nov-13Nov)



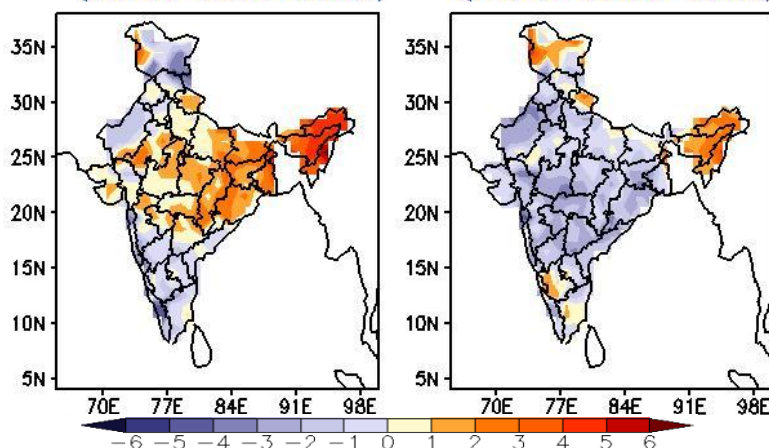
Maximum Temperature (Tmax)

- **Week 1 (31.10.2025 to 06.11.2025):** Maximum temperature is likely to be above normal over many parts of South India, Jammu & Kashmir, Himachal Pradesh, Uttarakhand and Punjab. However, it is likely to be below normal over Central India, East India, North East India, West India, Rajasthan and Uttar Pradesh.
- **Week 2 (07.11.2025 to 13.11.2025):** Maximum temperature is likely to be above normal over North East India, Odisha, Chhattisgarh, Bihar, Jammu & Kashmir, Uttarakhand, Himachal Pradesh and many parts of South India. However, it is likely to be below normal over Central India, West Uttar Pradesh, West India, Maharashtra, North Karnataka and Telangana.

MME forecast Tmin anomaly (Deg C)

(Week1: 31Oct-06Nov)

(Week2: 07Nov-13Nov)



Minimum Temperature (Tmin)

- **Week 1 (31.10.2025 to 06.11.2025):** Minimum temperature is likely to be above normal over North East India, East India, Central India, Gujarat and many parts of North West India.
- **Week 2 (07.11.2025 to 13.11.2025):** Minimum temperature is likely to be below normal over many parts of the country except North East India, Jammu & Kashmir and Uttarakhand.