

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



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



Date: 03-10-2025

AGRO-ADVISORY BULLETIN FOR CHAMARAJANAGARA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	30.09.2025	01.10.2025	02.10.2025	03.10.2025
Rainfall (mm)	-	11	12.5	17.5
Max. Temp. (°C)	-	30.4	31	30.7
Min. Temp. (°C)	-	17.1	18.1	18.5
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	-	99	97	97
Relative humidity (%) 1730 hours	-	44	46	48
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 04-10-2025 to 08-10-2025)

Parameter	04.10.2025	05.10.2025	06.10.2025	07.10.2025	08.10.2025
Rainfall (mm)	4	6	5	2	5
Max. Temp. (°C)	31	31	30	31	31
Min.Temp. (°C)	19	19	20	20	20
Sky condition (Octas)	6	7	5	6	6
Relative humidity (%) 0830 hours	94	95	96	96	97
Relative humidity (%) 1730 hours	49	50	52	52	60
Wind Speed (kmph)	10	12	8	8	6
Wind Direction	280	276	283	291	301

*GW - Gusty wind, TSH - Thunderstorm

Forecast Summary

As forecast received from IMD, partially cloudy sky with **light rainfall** may be expected from **04.10.2025 to 08.10.2025** in Chamarajanagara district. The day temperature is expected to be 30-31°C & night temperature is expected 19-20°C. The relative humidity in the morning hours is expected to be 94-97% & afternoon relative humidity is expected to be in the range of 49-60%. Wind speed expected to be 6-12 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:

Drain excess water in paddy/veg, spray neem oil in pulses & ragi if no rain, stake tomato/chilli, give shelter & dry fodder to livestock.

Crops and Suitable Varieties for Sowing in September

- **Finger Millet:** ML-322, Indaf-7, Indaf-9, KMR-301, GPU-45
- **Sorghum (3-4th week):** M-35-1, Maduti (5-4-1), PSH-10
- **Sorghum varieties:** Hema, Nityashree, MH-14-5, MH-14-138
- **Popcorn:** Amber
- **Cowpea:** TVS-944-02-1, KBC-1, KBC-2, KM-9, KM-5, KM-12, KC-8 (KBC-11), PGP-6
- **Horse Gram:** PHG-9, KBH-1
- **Sunflower:** KBSH-41, KBSH-90, KBSH-44, KBSH-53, KBSH-78, KBSH-85
- **Soybean (Irrigated):** MUS-2 (Pooja), Karune (Vegetable soybean), KBS-23
- **Black gram:** KBN-1, No. 71, KBN-2
- **Sugarcane:** PES-8371 (Bheem), PES-99463 (Vishal), PES-0517 (Jaavabali), PES-18061, PES-16062
- **Horticultural crops:** Banana, Areca nut, Onion, Pineapple, Cabbage
- **Fodder crops:** Jowar: JESAT-3, Alasande: MFC-09-01, MFC-08-14, MFC-9-3
- **Bajra-Napier Grass:** PBN-342

Recommendations to the farmers:-

Weather based advisory

Crop	Stage	Weather-Based Advisory
Paddy	Tillering	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	Tasseling	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,	Pod filling	Maintain adequate soil moisture with light irrigation if rainfall is

Green gram, Red gram, Field bean, Cowpea		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 (From 04-10-2025 to 08-10-2025)					
Chamarajanagara					
Parameter	04.10.2025	05.10.2025	06.10.2025	07.10.2025	08.10.2025
Rainfall (mm)	7.4	2.9	0.7	2.7	1
Max. temp (°C)	29.2	27.8	29.6	29.6	29.2
Min.Temp (°C)	19.5	19.6	19.5	19.1	19.2
Sky condition (Octas)	6	7	5	6	6
Relative humidity (%) 0830 hours	93.5	94.2	96.3	98.4	98.6
Relative humidity (%) 1730 hours	51.2	57.4	53.9	54.3	55.4

Wind Speed (kmph)	3.6	1.6	4.1	3.6	3.1
Wind Direction	323.2	296.6	322.2	315	315

Gundlupete

Parameter	04.10.2025	05.10.2025	06.10.2025	07.10.2025	08.10.2025
Rainfall (mm)	5.6	1.7	1	2.7	0.9
Max. temp (°C)	28.8	27.8	29.2	29.5	29.2
Min.Temp (°C)	19.6	19.5	19.4	18.9	19.2
Sky condition (Octas)	6	7	5	5	5
Relative humidity (%) 0830 hours	92.7	92.6	93.5	96.3	96.3
Relative humidity (%) 1730 hours	51.6	55.3	55.5	55.9	54.1
Wind Speed (kmph)	4.4	2.9	4.5	3	2.3
Wind Direction	279.5	360	284	284	308.7

Kollegala

Parameter	04.10.2025	05.10.2025	06.10.2025	07.10.2025	08.10.2025
Rainfall (mm)	11.2	4.2	3.7	3.1	1.2
Max. temp (°C)	30.1	28.5	30.1	29.9	29.9
Min.Temp (°C)	20.4	20.5	20.2	20.2	20.2
Sky condition (Octas)	6	7	6	6	5
Relative humidity (%) 0830 hours	95.9	93.4	96.9	97.2	96.8
Relative humidity (%) 1730 hours	49.6	57.4	50.7	52.3	54.8
Wind Speed (kmph)	3.7	3.6	3.7	3.3	3.2
Wind Direction	258.7	233.1	258.7	257.5	360

Yelandur

Parameter	04.10.2025	05.10.2025	06.10.2025	07.10.2025	08.10.2025
Rainfall (mm)	11.4	4.4	2.1	3.1	2.2
Max. temp (°C)	30	28.2	30	29.9	29.9
Min.Temp (°C)	20.2	20.2	20.1	19.9	20
Sky condition (Octas)	7	7	6	6	6
Relative humidity (%) 0830 hours	94.9	92.8	96.7	97.5	97.2
Relative humidity (%) 1730 hours	50.4	58.7	52.7	52.5	55
Wind Speed (kmph)	3.3	3.1	3.6	2.9	2.9
Wind Direction	263.7	234.4	360	262.9	277.1

Hanur

Parameter	04.10.2025	05.10.2025	06.10.2025	07.10.2025	08.10.2025
Rainfall (mm)	13.1	4.6	4.3	2.5	4.8
Max. temp (°C)	28.7	27.2	28.6	28.7	28.5
Min.Temp (°C)	19.5	19.5	19.4	19.2	19.2
Sky condition (Octas)	6	7	6	6	5
Relative humidity (%) 0830 hours	95.2	93.4	98.3	98.9	99
Relative humidity (%) 1730 hours	51.1	60.5	54.7	54.4	57
Wind Speed (kmph)	4.7	4.1	4.7	4.3	3.6
Wind Direction	360	254.7	274.4	360	275.7

- 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

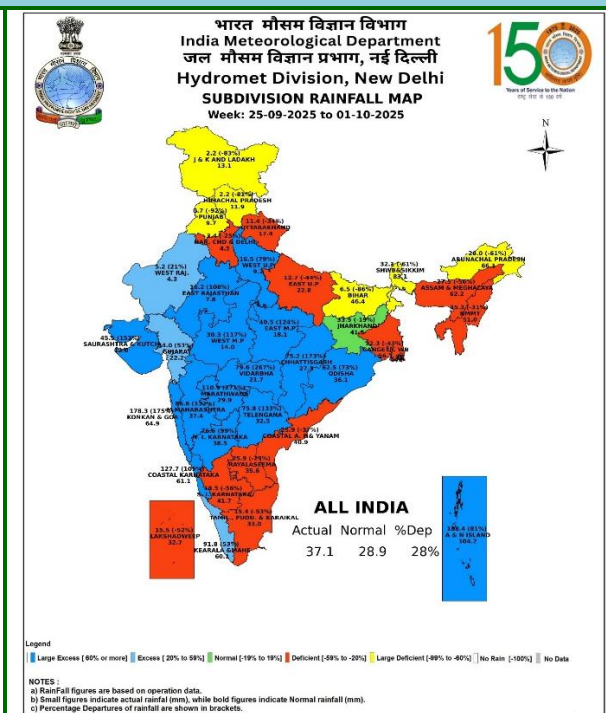
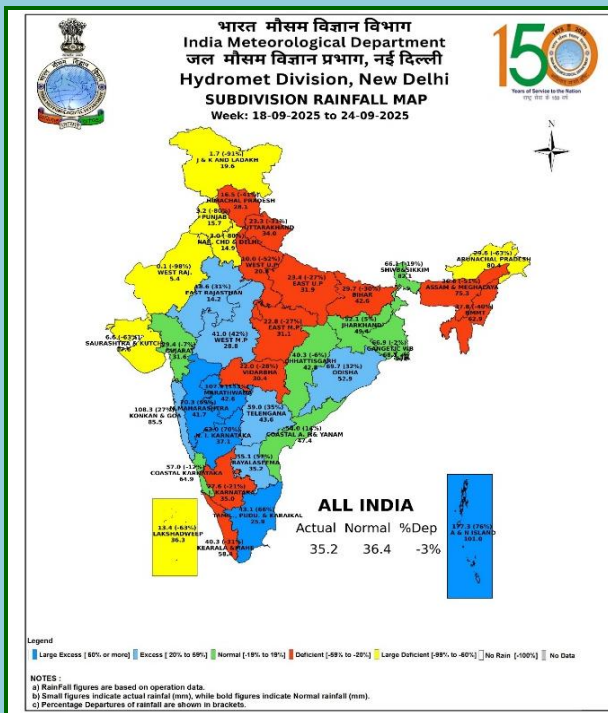
For any information farmers can contact **Dr.Umashankar Kumar, N.**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No. 0821-259126/ 9535345814.

**AMFU of IMD,
Naganahalli, Mysuru**

वास्तविकवर्षातथाविस्तारितअवधिपूर्वानुमान
Realized Rainfall and Extended Range Forecast
(वर्षाऔरतापमान)
(Rainfall and Temperature)

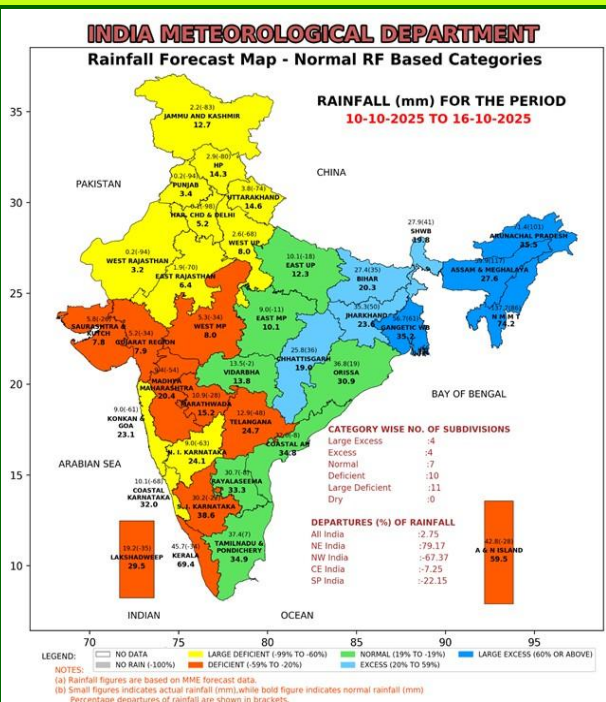
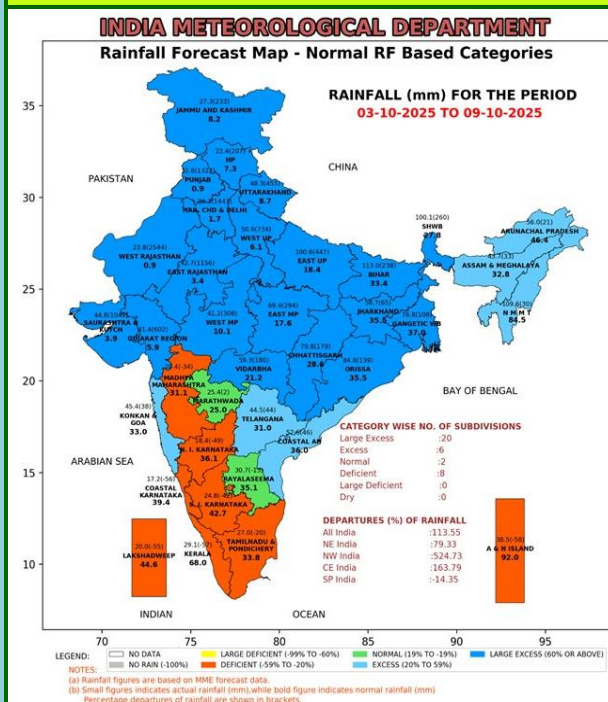
Realized Rainfall

(18thSeptember to 01st October,2025)



Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC-01st October, 2025) (03rd to 16th October, 2025)



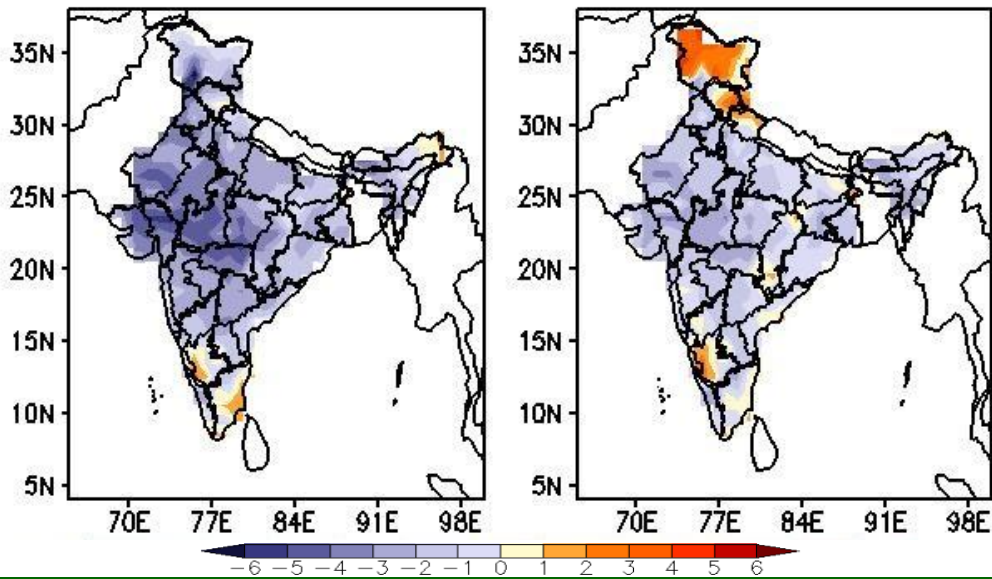
- **Week 1 (03.10.2025 to 09.10.2025):** Rainfall is likely to be normal to above normal over Northwest India, Central India, East India and North East India and Gujarat.
- **Week 2 (10.10.2025 to 16.10.2025):** Rainfall is likely to be normal to above normal over East India and North East India.

Maximum and Minimum temperature anomaly (°C) forecast for the next 2 weeks (IC- 01st October, 2025) (03rd to 16th October, 2025)

MME forecast Tmax anomaly (Deg C)

(Week1: 03Oct–09Oct)

(Week2: 10Oct–16Oct)



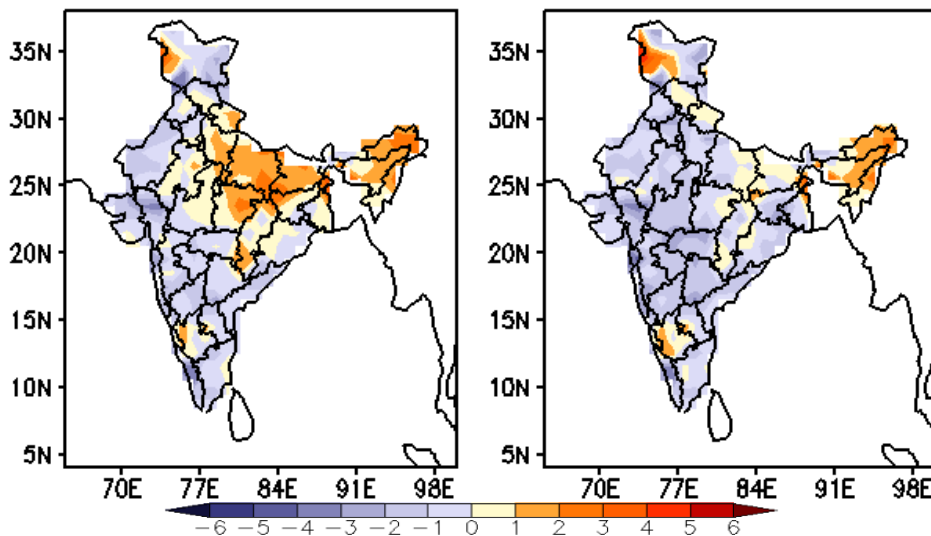
Maximum Temperature (Tmax)

- **Week 1 (03.10.2025 to 09.10.2025):** Maximum temperature is likely to be below normal most parts of the country except some parts of Tamil Nadu and South Karnataka.
- **Week 2 (10.10.2025 to 16.10.2025):** Maximum temperature is likely to be above normal over Jammu & Kashmir, Himachal Pradesh and South Karnataka and below normal over rest of the country.

MME forecast Tmin anomaly (Deg C)

(Week1: 03Oct–09Oct)

(Week2: 10Oct–16Oct)



Minimum Temperature (Tmin)

- **Week 1 (03.10.2025 to 09.10.2025):** Minimum temperature is likely to be above normal over Central India, East India, North East India, Uttar Pradesh, Uttarakhand and some parts of South Karnataka.
- **Week 2 (10.10.2025 to 16.10.2025):** Minimum temperature is likely to be above normal over Jammu & Kashmir, North East India and South Karnataka. However, it is likely to be below normal over remaining parts of the country.