

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



**GRAMIN KRISHI MAUSAM SEWA
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MYSURU - 570003**



Date: 10-10-2025

AGRO-ADVISORY BULLETIN FOR CHAMARAJANAGARA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	07.09.2025	08.10.2025	09.10.2025	10.10.2025
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 11-10-2025 to 15-10-2025)

Parameter	11.10.2025	12.10.2025	13.10.2025	14.10.2025	15.10.2025
Rainfall (mm)	6	18	15	20	8
Max. Temp. (°C)	32	32	31	31	32
Min.Temp. (°C)	20	21	21	21	20
Sky condition (Octas)	7	7	7	6	6
Relative humidity (%) 0830 hours	89	89	90	86	92
Relative humidity (%) 1730 hours	58	58	59	56	51
Wind Speed (kmph)	10	8	8	8	6
Wind Direction	252	288	252	90	154

*GW - Gusty wind, TSH - Thunderstorm

Forecast Summary

As forecast received from IMD, partially cloudy sky with **light to moderate rainfall** may be expected from 11.10.2025 to 15.10.2025 in Chamarajanagara district. The day temperature is expected to be 31-32°C & night temperature is expected 20-21°C. The relative humidity in the morning hours is expected to be 86-92% & afternoon relative humidity is expected to be in the range of 51-59%. Wind speed expected to be 6-10 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 October

- **Ragi (Finger Millet):** Indaf-7, Indaf-9, KMR-301, GPU-45
- **Rabi Sorghum (1st–2nd week):** M-35-1, Mooguti (5-4-1), CSH-10
- **Kharif Sorghum (Rainy Season):** Heva, Nityashree, MAH-14-5, MAH-14-138, MAH-15-84
- **Popcorn:** Amber
- **Field Bean (Avare):** HA-3, HA-4, HA-5
- **Groundnut (3rd–4th week):** Annigeri-1, JG-11, Vishal, KAK-2
- **Sunflower:** KBSH-41, 90, 44, 53, 78, 85
- **Soybean (Irrigated):** MAUS-2 (Pooja), Karune (Vegetable Soybean), KBS-23
- **Sesame (Huchellu):** KBN-1, No.71, KBN-2
- **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:** Grapes, Banana, Arecanut, Garlic, Peas, Carrot, Tomato, Potato, Brinjal, Chilli, Cauliflower, Radish, Knol-khol (Kohlrabi), Cabbage
- **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	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, 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	11.10.2025	12.10.2025	13.10.2025	14.10.2025	15.10.2025
Rainfall (mm)	6.6	10.9	5.7	11.4	4.1

Max. temp (°C)	27.2	26.7	27.6	27.2	27.8
Min.Temp (°C)	21	20.7	20.7	20.7	20.7
Sky condition (Octas)	8	7	7	6	6
Relative humidity (%) 0830 hours	86.1	84.5	85.5	83	85.2
Relative humidity (%) 1730 hours	59.9	60.1	59.1	55.6	53.1
Wind Speed (kmph)	2.2	2.3	1.5	1.4	2.8
Wind Direction	260.5	251.6	194	90	140.2

Gundlupete

Parameter	11.10.2025	12.10.2025	13.10.2025	14.10.2025	15.10.2025
Rainfall (mm)	11.4	12.1	4.8	9.1	2.3
Max. temp (°C)	27.7	26.6	27.6	27.1	28.1
Min.Temp (°C)	20.7	20.5	20.2	20.1	20.2
Sky condition (Octas)	7	8	7	6	6
Relative humidity (%) 0830 hours	89.8	87.4	89.4	85.1	85.6
Relative humidity (%) 1730 hours	60	60.6	58.1	56.2	52.2
Wind Speed (kmph)	2.3	2.7	1.3	1.1	3.6
Wind Direction	251.6	246.8	213.7	161.6	126.9

Kollegala

Parameter	11.10.2025	12.10.2025	13.10.2025	14.10.2025	15.10.2025
Rainfall (mm)	11.4	13.7	7.1	15.6	5.5
Max. temp (°C)	27.2	27.2	28.2	27.8	28.2
Min.Temp (°C)	21.2	21.1	21.2	21.1	21.1
Sky condition (Octas)	7	7	6	5	6
Relative humidity (%) 0830 hours	86	88.9	89.3	84	87.1
Relative humidity (%) 1730 hours	59.4	59.3	58	53.9	52.4
Wind Speed (kmph)	1.9	3.1	1.4	1.1	2.4
Wind Direction	248.2	225	90	161.6	116.6

Yelandur

Parameter	11.10.2025	12.10.2025	13.10.2025	14.10.2025	15.10.2025
Rainfall (mm)	12.3	14.6	8	13.6	6.4
Max. temp (°C)	27.2	27	28.1	27.5	28.1
Min.Temp (°C)	21	20.8	20.9	20.8	20.9
Sky condition (Octas)	7	7	6	5	6
Relative humidity (%) 0830 hours	86.9	87.3	88.4	84.7	87.6
Relative humidity (%) 1730 hours	60.7	60.5	59.1	55.5	54

Wind Speed (kmph)	2.1	2.5	1.8	1.4	2.3
Wind Direction	239	225	191.3	90	128.7

Hanur					
Parameter	11.10.2025	12.10.2025	13.10.2025	14.10.2025	15.10.2025
Rainfall (mm)	3.2	9.6	27.8	17.4	21.8
Max. temp (°C)	28.4	27.5	27.7	26.8	27.1
Min.Temp (°C)	19.2	19.2	19.7	19.6	19.7
Sky condition (Octas)	4	5	6	7	6
Relative humidity (%) 0830 hours	99.1	98.8	96.9	92.5	93.3
Relative humidity (%) 1730 hours	64.2	69.1	67.8	66.6	63
Wind Speed (kmph)	3.6	3.2	2.5	2.9	2.3
Wind Direction	275.7	360	261.9	240.2	251.6

- 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

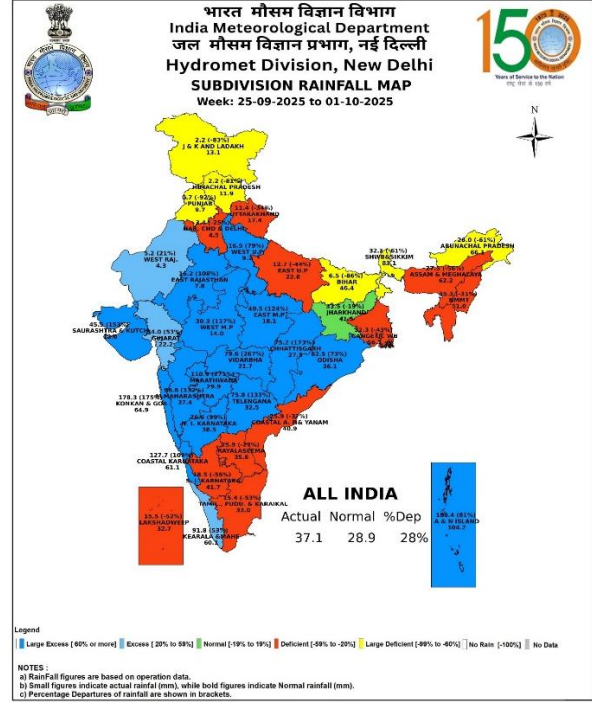
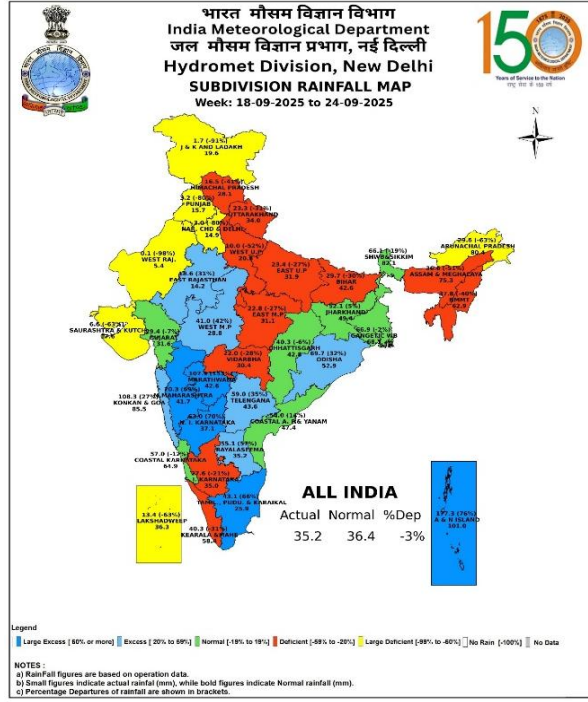
For any information farmers can contact **Dr.Umashankar Kumar, N.**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No. 0821-259126/ 9535345814.

**AMFU of IMD,
Naganahalli, Mysuru**

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

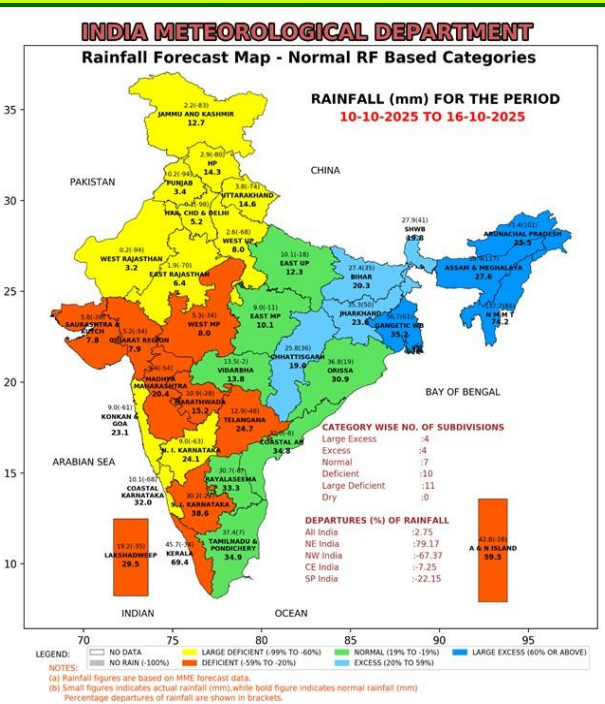
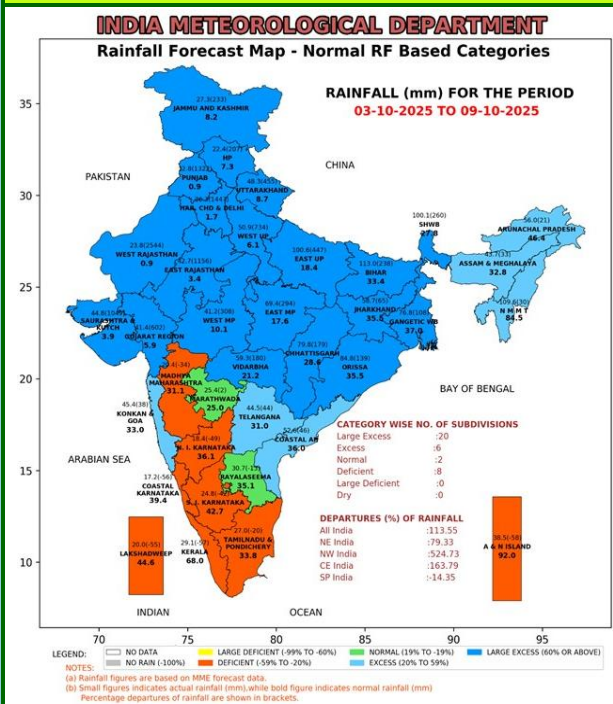
Realized Rainfall

(18th September 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

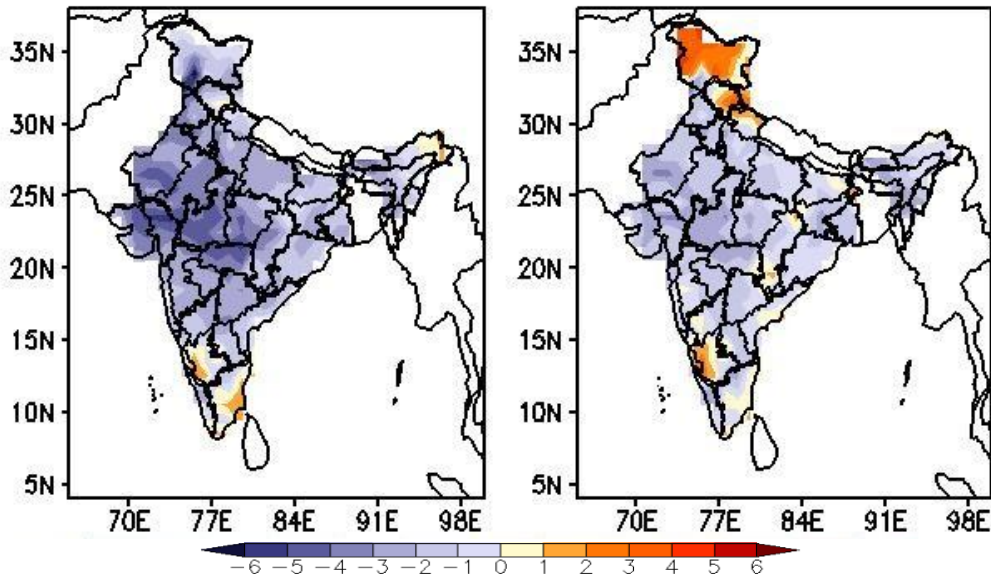
for the next 2 weeks (IC- 01st October,2025)

(03rd to 16th October, 2025)

MME forecast Tmax anomaly (Deg C)

(Week1: 03Oct-09Oct)

(Week2: 10Oct-16Oct)



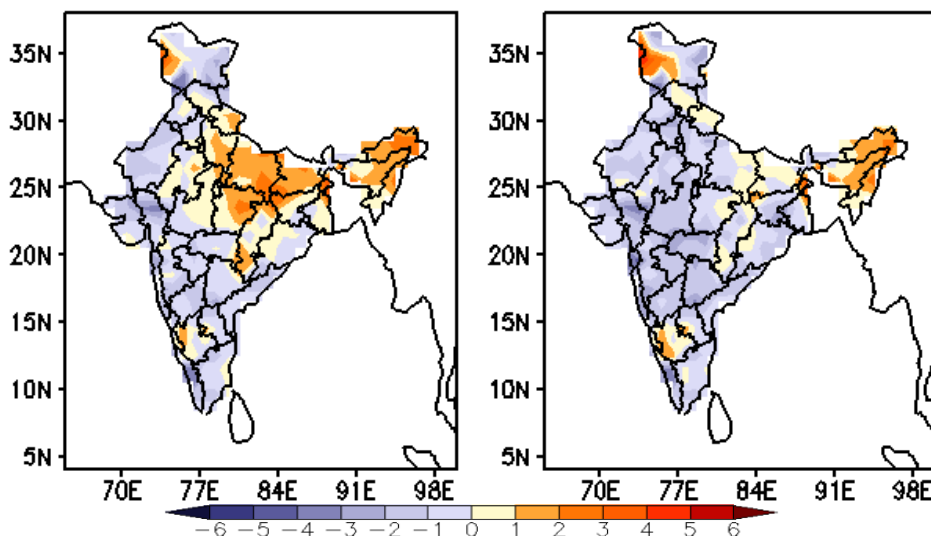
Maximum Temperature (Tmax)

- **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.