

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



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



Date: 23-09-2025

AGRO-ADVISORY BULLETIN FOR CHAMARAJANAGARA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	20.09.2025	21.09.2025	22.09.2025	23.09.2025
Rainfall (mm)	0	0	0	0
Max. Temp. (°C)	31	29.3	31.1	30.9
Min. Temp. (°C)	21.2	19.9	19.5	21.3
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	97	97	97	89
Relative humidity (%) 1730 hours	49	53	47	49
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 24-09-2025 to 28-09-2025)

Parameter	24.09.2025	25.09.2025	26.09.2025	27.09.2025	28.09.2025
Rainfall (mm)	3	1	2	2	1
Max. Temp. (°C)	30	30	30	30	30
Min.Temp. (°C)	20	20	20	20	20
Sky condition (Octas)	8	8	8	8	7
Relative humidity (%) 0830 hours	91	92	89	92	86
Relative humidity (%) 1730 hours	55	57	56	56	54
Wind Speed (kmph)	8	9	9	11	10
Wind Direction	360	275	360	264	253

*GW - Gusty wind, TSH - Thunderstorm

Forecast Summary

As forecast received from IMD, partially cloudy sky with **light rainfall** may be expected from 24.09.2025 to 28.09.2025 in Chamarajanagara district. The day temperature is expected to be 30°C & night temperature is expected 20°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 54-57%. Wind speed expected to be 8-11 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 24-09-2025 to 28-09-2025)					
Chamarajanagara					
Parameter	24.09.2025	25.09.2025	26.09.2025	27.09.2025	28.09.2025
Rainfall (mm)	4.3	1.2	3.3	2	0.4
Max. temp (°C)	26.8	27.2	26.9	27.5	27
Min.Temp (°C)	19.8	19.6	19.8	20.1	20.1
Sky condition (Octas)	8	6	7	8	8
Relative humidity (%) 0830 hours	91.4	92.1	89.5	90.9	85.9
Relative humidity (%) 1730 hours	57.6	56.5	57.7	54	54.8

Wind Speed (kmph)	6.8	8.7	10.6	11.8	10.9
Wind Direction	295.2	299.8	287.8	282.3	277.6

Gundlupete

Parameter	24.09.2025	25.09.2025	26.09.2025	27.09.2025	28.09.2025
Rainfall (mm)	2.1	0.8	2.2	1.4	0.4
Max. temp (°C)	26.9	26.8	26.2	26.7	26
Min.Temp (°C)	20.1	19.8	20	20	20.2
Sky condition (Octas)	8	6	7	8	8
Relative humidity (%) 0830 hours	89	87.8	86.5	88.4	85.6
Relative humidity (%) 1730 hours	57.5	57	60.2	55.7	58.3
Wind Speed (kmph)	11.9	12.6	13.7	15.3	15.4
Wind Direction	264.8	360	267	261.9	259.2

Kollegala

Parameter	24.09.2025	25.09.2025	26.09.2025	27.09.2025	28.09.2025
Rainfall (mm)	5.2	1.9	3.9	3.3	0.5
Max. temp (°C)	27.4	27.9	27.5	27.9	27.7
Min.Temp (°C)	20.2	20	20.1	20.6	20.6
Sky condition (Octas)	8	6	7	8	8
Relative humidity (%) 0830 hours	91.7	93.3	92.3	91.8	88.5
Relative humidity (%) 1730 hours	60.6	58.5	58.9	55.1	54.5
Wind Speed (kmph)	7.9	8.1	10.6	12	13.3
Wind Direction	254	257.2	260.2	254.3	251.1

Yelandur

Parameter	24.09.2025	25.09.2025	26.09.2025	27.09.2025	28.09.2025
Rainfall (mm)	5.4	1.5	3.5	3	0.5
Max. temp (°C)	27.2	27.7	27.2	27.7	27.5
Min.Temp (°C)	20.1	19.8	19.9	20.4	20.5
Sky condition (Octas)	8	6	7	8	8
Relative humidity (%) 0830 hours	91.7	94	92.3	92.4	87.9
Relative humidity (%) 1730 hours	60.1	58.4	59.1	55.7	54.7
Wind Speed (kmph)	7	7.2	10.2	11.4	12.4
Wind Direction	258.1	264.3	261.9	257.3	253.1

Hanur

Parameter	24.09.2025	25.09.2025	26.09.2025	27.09.2025	28.09.2025
Rainfall (mm)	6.6	1.7	4.6	2	1.1
Max. temp (°C)	26.1	26.2	26.1	26.8	26.7
Min.Temp (°C)	19.5	19.2	19.2	19.8	19.9
Sky condition (Octas)	8	7	7	8	8
Relative humidity (%) 0830 hours	93.6	95	94.3	92.5	89.1
Relative humidity (%) 1730 hours	62.3	59.5	59.6	56.4	55.1
Wind Speed (kmph)	9	9.7	10.8	11.9	11.3
Wind Direction	267.7	272.1	268.1	264.8	262.6

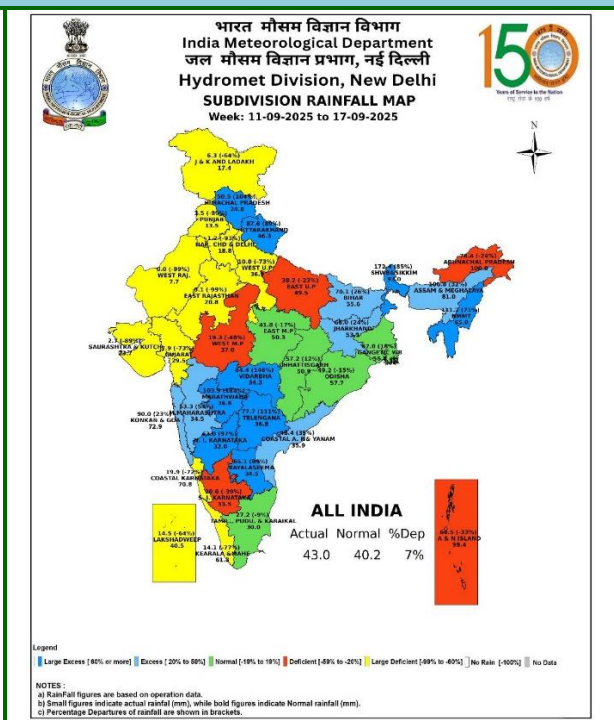
- Download “DAMINI” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “MAUSAM” APP for location specific forecast & warning & “MEGHDOOT” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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**

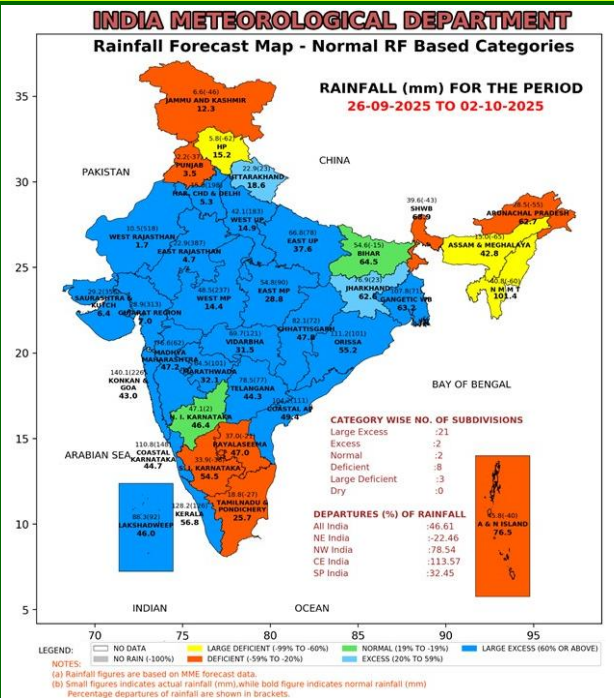
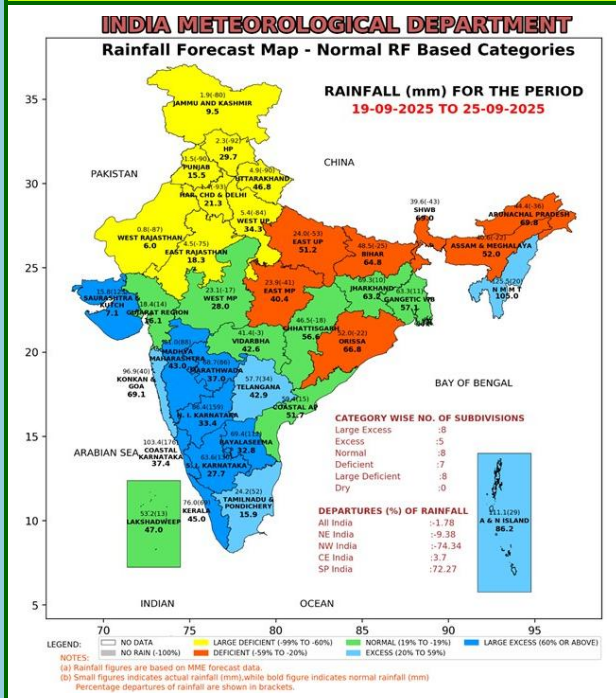
वास्तविकवर्षातथाविस्तारितअवधिपूर्वानुमान
Realized Rainfall and Extended Range Forecast
(वर्षाऔरतापमान)
(Rainfall and Temperature)

Realized Rainfall
(04thto 17thSeptember,2025)



Extended Range Forecast System

**Rainfall forecast maps for the next 2 weeks (IC17thSeptember,2025)
 (19thSeptemberto 02nd October, 2025)**



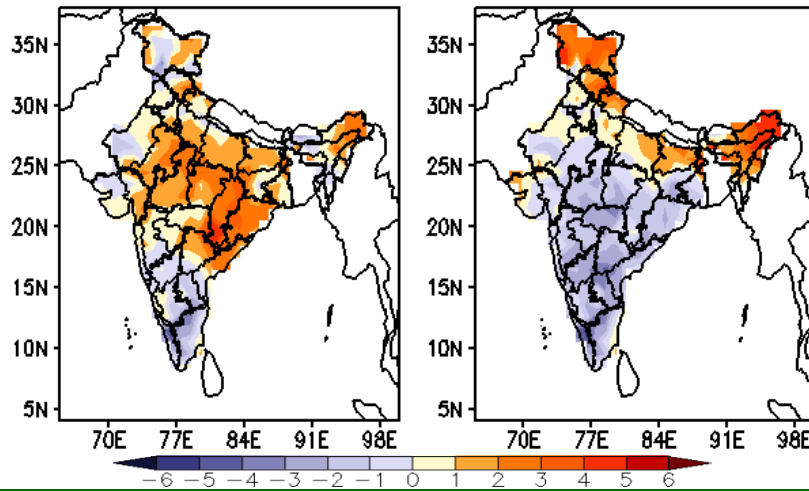
- **Week1(19.09.2025 to 25.09.2025):** Rainfall is likely to be above normal overmost parts of South India, Maharashtra, some parts of Gujarat and Gangetic West Bengal. However, it is likely to be below normal over North West India and most parts of North East India.
- **Week 2 (26.09.2025 to 02.10.2025):** Rainfall is likely to be above normal over most parts of North West India, Central India, West India, many parts of East India, Telangana, Coastal Andhra Pradesh, coastal regions of Karnataka and Kerala. However, it is likely to be below normal over North East India, Tamil Nadu and interior Karnataka.

**Maximum and Minimum temperature anomaly (°C) forecast
 for the next 2 weeks (IC- 17thSeptember,2025)
 (19thSeptemberto 02nd October, 2025)**

MME forecast Tmax anomaly (Deg C)

(Week1: 19Sep–25Sep)

(Week2: 26Sep–02Oct)



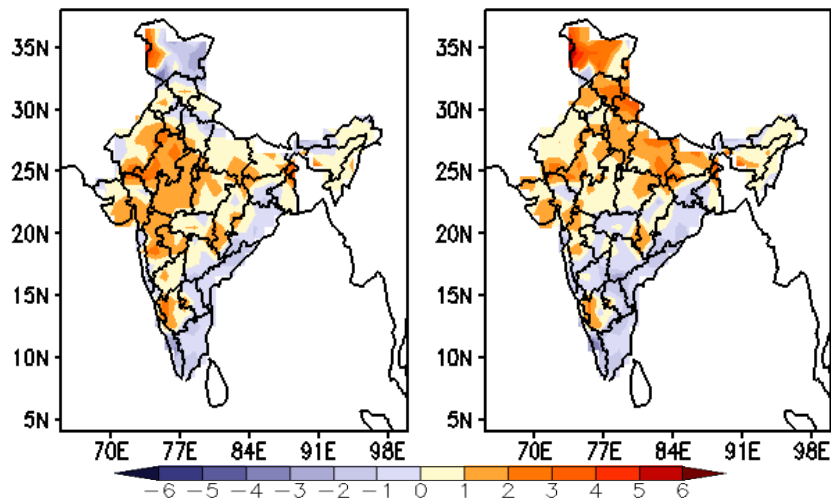
Maximum Temperature (Tmax)

- **Week 1 (19.09.2025 to 25.09.2025):** Maximum temperature is likely to be above normal over East India, Central India, many parts of North West India and North East India.
- **Week 2 (26.09.2025 to 02.10.2025):** Maximum temperature is likely to be above normal over North East India, Jammu & Kashmir, Himachal Pradesh, Uttarakhand, East Uttar Pradesh and Bihar.

MME forecast Tmin anomaly (Deg C)

(Week1: 19Sep–25Sep)

(Week2: 26Sep–02Oct)



Minimum Temperature (Tmin)

- **Week 1 (19.09.2025 to 25.09.2025):** Minimum temperature is likely to be above normal over most parts of North West India, Central India, North East India, Maharashtra and Karnataka.
- **Week 2 (26.09.2025 to 02.10.2025):** Minimum temperature is likely to be above normal over North West India, Central India, North East India, Bihar, Gujarat, Madhya Pradesh, Maharashtra and South Karnataka.