

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



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MYSURU – 570003**



Date: 16-09-2025

AGRO-ADVISORY BULLETIN FOR CHAMARAJANAGARA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	13.09.2025	14.09.2025	15.09.2025	16.09.2025
Rainfall (mm)	0	0	0	0
Max. Temp. (°C)	30.4	32.2	31.1	30
Min. Temp. (°C)	21.6	17.5	18.4	20
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	91	97	98	95
Relative humidity (%) 1730 hours	40	33	47	51
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 17-09-2025 to 21-09-2025)

Parameter	17.09.2025	18.09.2025	19.09.2025	20.09.2025	21.09.2025
Rainfall (mm)	12	8	10	8	8
Max. Temp. (°C)	30	30	30	29	29
Min.Temp. (°C)	20	20	20	20	20
Sky condition (Octas)	7	7	7	7	6
Relative humidity (%) 0830 hours	93	94	92	92	93
Relative humidity (%) 1730 hours	57	58	61	55	50
Wind Speed (kmph)	5	6	6	6	8
Wind Direction	278	273	273	360	273

*GW - Gusty wind, TSH – Thunderstorm

Forecast Summary

As forecast received from IMD, partially cloudy sky with **light rainfall** may be expected from **17.09.2025 to 21.09.2025** in Chamarajanagara district. The day temperature is expected to be 29-30°C & night temperature is expected 20°C. The relative humidity in the morning hours is expected to be 92-94% & afternoon relative humidity is expected to be in the range of 50-61%. Wind speed expected to be 5-8 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-I, 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	Provide staking/support to prevent lodging due to winds (8-10

	development	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 (From 17-09-2025 to 21-09-2025)					
Chamarajanagara					
Parameter	17.09.2025	18.09.2025	19.09.2025	20.09.2025	21.09.2025
Rainfall (mm)	7.5	9.8	6	3.2	1.2
Max. temp (°C)	28.5	28	27.2	27.9	28.5
Min.Temp (°C)	20.1	20.1	20.2	19.8	19.5
Sky condition (Octas)	7	7	8	7	6

Relative humidity (%) 0830 hours	92.2	94.7	92.1	93.7	90.9
Relative humidity (%) 1730 hours	58.6	58.7	59.4	54.9	51
Wind Speed (kmph)	4.6	6	6.3	5.6	7.6
Wind Direction	308.7	295	293.6	296.6	295.4

Gundlupete					
Parameter	17.09.2025	18.09.2025	19.09.2025	20.09.2025	21.09.2025
Rainfall (mm)	6.3	11	3.8	1.1	1.3
Max. temp (°C)	28.2	27.7	26.9	27.2	28.1
Min.Temp (°C)	20.1	20.2	20.2	20.1	19.6
Sky condition (Octas)	7	7	7	7	6
Relative humidity (%) 0830 hours	90	91.5	90.6	91	88.4
Relative humidity (%) 1730 hours	59.1	59.1	60.8	56.1	50.9
Wind Speed (kmph)	6.9	9	10.8	10.1	10.4
Wind Direction	276	265.4	266.2	263.9	268

Kollegala					
Parameter	17.09.2025	18.09.2025	19.09.2025	20.09.2025	21.09.2025
Rainfall (mm)	8.7	12.6	8.5	3.3	1.9
Max. temp (°C)	29.2	28.5	27.9	28.5	28.6
Min.Temp (°C)	20.9	20.8	20.9	20.4	20.2
Sky condition (Octas)	7	7	7	7	6
Relative humidity (%) 0830 hours	92	92.7	90.9	92.9	90.2
Relative humidity (%) 1730 hours	57.3	59.2	60.5	54.6	51.7
Wind Speed (kmph)	5.3	6.6	7.8	6.8	7.6
Wind Direction	241.7	247.6	248.2	244.8	250.7

Yelandur					
Parameter	17.09.2025	18.09.2025	19.09.2025	20.09.2025	21.09.2025
Rainfall (mm)	9.3	13.9	7	2.6	1.6
Max. temp (°C)	29	28.2	27.7	28.2	28.5
Min.Temp (°C)	20.7	20.6	20.7	20.2	20
Sky condition (Octas)	7	7	7	7	6
Relative humidity (%) 0830 hours	92.7	93.1	91.5	93.6	90.6
Relative humidity (%) 1730 hours	58	59	60.6	55	52.1
Wind Speed (kmph)	4.3	5.7	6.8	5.8	7.1
Wind Direction	245.5	251.6	251.6	248.2	255.2

Hanur					
Parameter	17.09.2025	18.09.2025	19.09.2025	20.09.2025	21.09.2025
Rainfall (mm)	11.1	14.1	8.4	3.2	2.7
Max. temp (°C)	28	27.5	27	27.2	27.6
Min.Temp (°C)	19.9	19.7	20	19.7	19.4
Sky condition (Octas)	7	7	7	7	6
Relative humidity (%) 0830 hours	94.2	95.3	92.6	93.8	92.1
Relative humidity (%) 1730 hours	59.1	59.7	61.3	56	52.3
Wind Speed (kmph)	5.4	6.5	8	7.6	8.6
Wind Direction	266.2	263.7	259.7	264.6	267.6

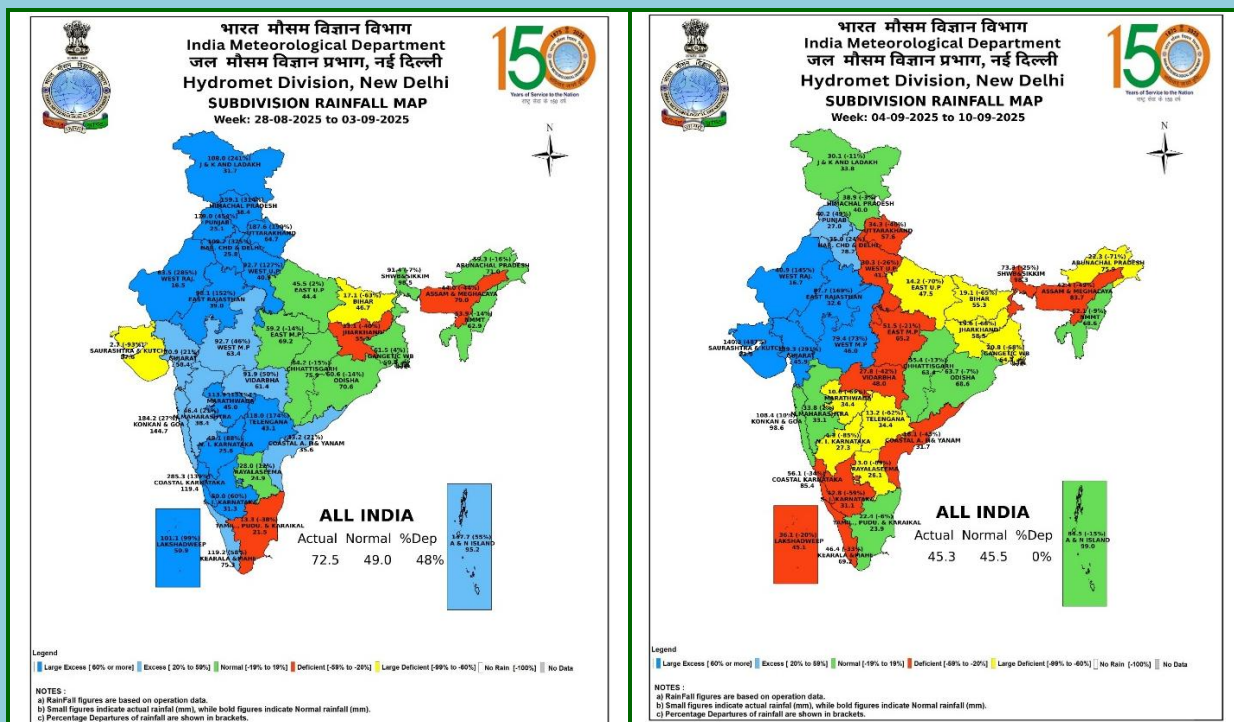
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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**

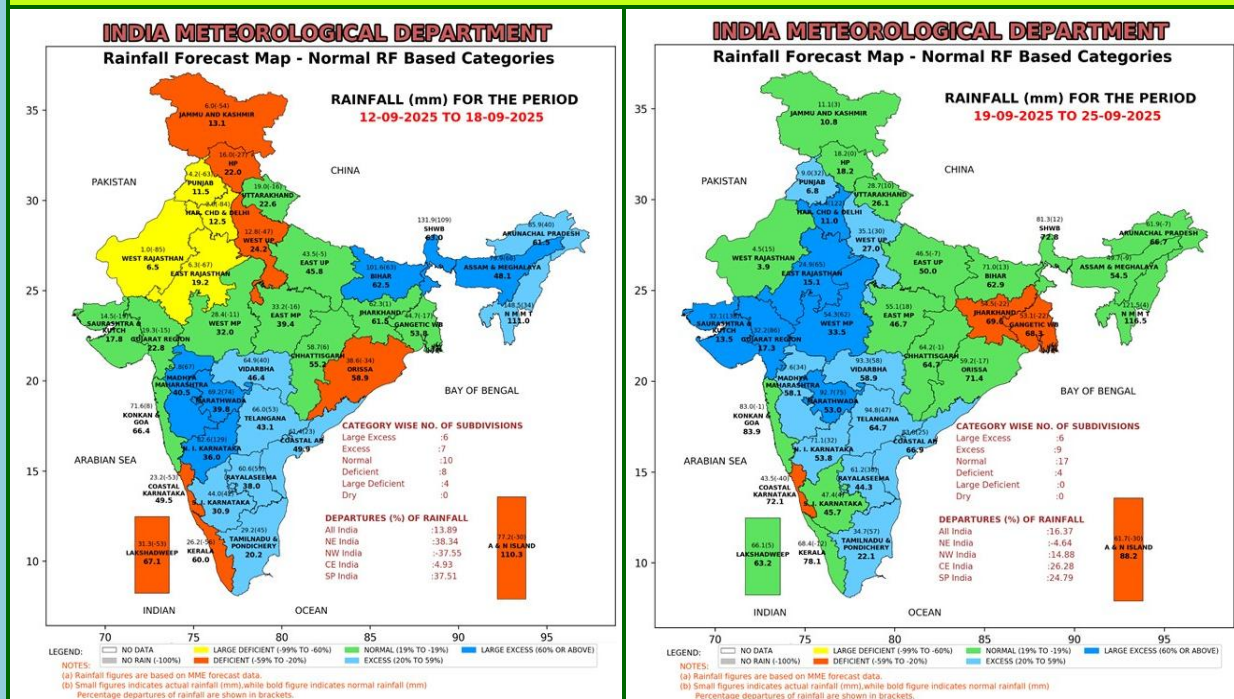
वास्तविक वर्षातथाविस्तारितअवधिपूर्वानुमान
Realized Rainfall and Extended Range Forecast
 (वर्षाऔरतापमान)
 (Rainfall and Temperature)

Realized Rainfall
(28th August to 10th September, 2025)



Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC10thSeptember,2025) (12thto 25th September, 2025)



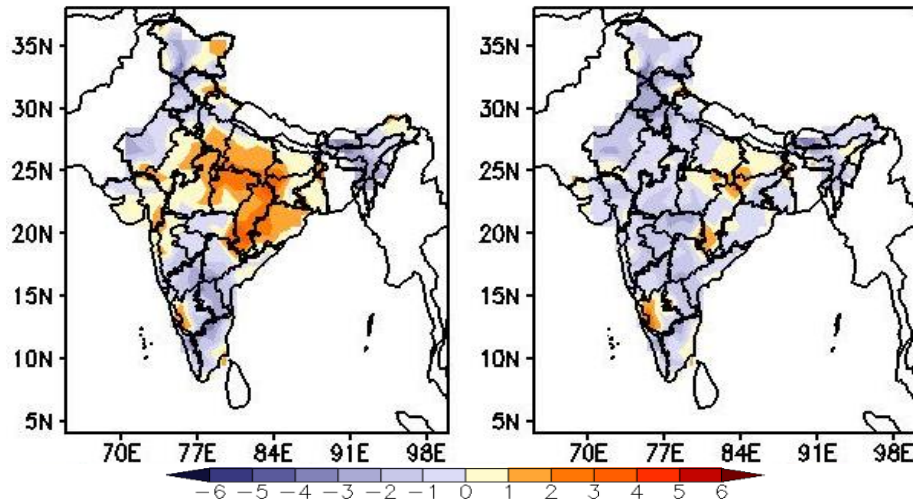
- Week1(12.09.2025 to 18.09.2025):** Rainfall is likely to be above normal over North East India, Sub Himalayan West Bengal & Sikkim, Bihar, Maharashtra, Karnataka, Andhra Pradesh, Telangana and Tamil Nadu.
- Week 2 (19.09.2025 to 25.09.2025):** Rainfall is likely to be above normal over Madhya Pradesh, East Rajasthan, Haryana, West Uttar Pradesh, some parts of Bihar, Gujarat, Maharashtra, Karnataka, Telangana, Andhra Pradesh and Tamil Nadu.

Maximum and Minimum temperature anomaly (°C) forecast for the next 2 weeks (IC- 10thSeptember,2025) (12thto 25thSeptember, 2025)

MME forecast Tmax anomaly (Deg C)

(Week1: 12Sep–18Sep)

(Week2: 19Sep–25Sep)



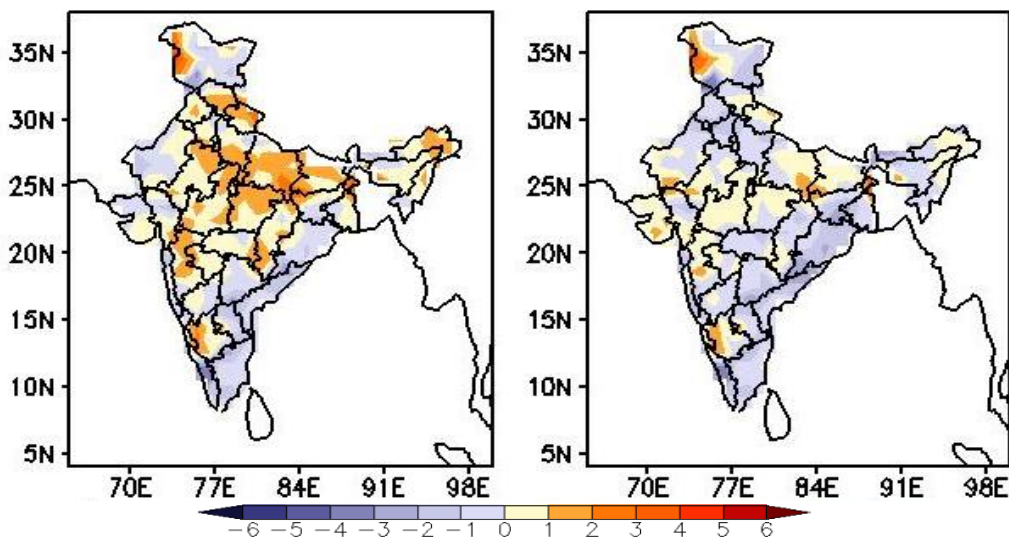
Maximum Temperature (Tmax)

- **Week 1 (12.09.2025 to 18.09.2025):**Maximum temperature is likely to be above normal over Madhya Pradesh, Uttar Pradesh, Chhattisgarh and Odisha.
- **Week 2 (19.09.2025 to 25.09.2025):**Maximum temperature is likely to be below normal over most parts of country except some parts of South Karnataka, Chhattisgarh and Bihar.

MME forecast Tmin anomaly (Deg C)

(Week1: 12Sep–18Sep)

(Week2: 19Sep–25Sep)



Minimum Temperature (Tmin)

- **Week 1 (12.09.2025 to 18.09.2025):** Minimum temperature is likely to be above normal over most parts of North West India, Central India, Maharashtra and Karnataka.
- **Week 2 (19.09.2025 to 25.09.2025):** Minimum temperature is likely to be above normal over South Karnataka, Gujarat, Madhya Maharashtra, many parts of Madhya Pradesh, East Uttar Pradesh, Bihar and Uttarakhand.