

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



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Date: 18-11-2025

AGRO-ADVISORY BULLETIN FOR CHAMARAJANAGARA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	15.11.2025	16.11.2025	17.11.2025	18.11.2025
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 19-11-2025 to 23-11-2025)

Parameter	19.11.2025	20.11.2025	21.11.2025	22.11.2025	23.11.2025
Rainfall (mm)	2	1	0	0	7
Max. Temp. (°C)	28	29	28	29	28
Min.Temp. (°C)	20	19	19	20	19
Sky condition (Octas)	4	4	4	4	5
Relative humidity (%) 0830 hours	72	71	72	74	75
Relative humidity (%) 1730 hours	51	52	50	51	52
Wind Speed (kmph)	6	4	6	4	6
Wind Direction	49	82	84	34	45

*GW - Gusty wind, TSH – Thunderstorm

Forecast Summary

As forecast received from IMD, partially cloudy sky with **light rainfall** may be expected from 19.11.2025 to 23.11.2025 in Chamarajanagara district. The day temperature is expected to be 28-29°C & night temperature is expected 19-20°C . The relative humidity in the morning hours is expected to be 71-75% & afternoon relative humidity is expected to be in the range of 50-52% Wind speed expected to be 4-6 km/hr.

General Advisory:

Cold Morning Precautions

- Low morning temperatures may cause cold stress to crops and livestock.
- Provide **light evening irrigation** to maintain soil warmth in vegetable fields.
- **Cover nurseries and young seedlings** (tomato, chilli, cabbage) with dry grass or plastic sheets during night.

Irrigation Management

- Since no rain is expected, **irrigate crops once in 5–7 days**.
- Avoid excess irrigation as humidity is moderate.
- Prioritize irrigation for paddy (milking stage), ragi, red gram, and vegetable crops.

Crop Management

- Favorable weather for **weeding, earthing-up, and fertilizer or pesticide application**.
- Dry and sunny weather is ideal for **harvesting and drying of grains, turmeric, ginger, and pulses**.
- **Collect and sun-dry produce** to avoid post-harvest losses.

Horticultural Crops

- **Mulching** around basins of banana, coconut, and arecanut helps conserve soil moisture.
- Provide **regular irrigation** to fruit crops like banana, papaya, and sapota.
- Prune unwanted shoots to improve air circulation.

Livestock and Poultry

- Provide **warm and dry shelters** during night and early morning.
- Avoid cold winds entering animal sheds.
- Supply **clean drinking water and dry fodder** regularly.
- For poultry, use **curtains or gunny bags** around sheds to reduce cold air entry.

Sericulture

- Maintain **optimum room temperature and humidity** in rearing houses.
- Avoid exposure of silkworms to cold morning air.
- Ensure **adequate ventilation** during daytime.

SMS Advisory:

Dry weather expected; very light rainfall. Morning temperature remains low (18–19°C). To protect vegetable nurseries from cold, give light irrigation in the evening and cover with dry grass or plastic sheets at night. Provide irrigation to field crops, banana, coconut, and arecanut. Keep livestock in warm shelters and cover poultry sheds to prevent cold air entry.

Crops and Suitable Varieties for Sowing in November

- **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	- 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	- Keep sheds well-ventilated but protected from rain and gusty winds. - Maintain dry litter to avoid disease. - Provide vitamin supplements to boost immunity.
Sericulture	- 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	✓ 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	✓ 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	19.11.2025	20.11.2025	21.11.2025	22.11.2025	23.11.2025
Rainfall (mm)	4.8	0.6	0	0	4.9
Max. temp (°C)	28	27.8	28.5	27.6	26.7
Min.Temp (°C)	17.6	17	16.8	16.7	18.5
Sky condition (Octas)	-	-	-	-	-
Relative humidity (%) 0830 hours	0	0	0	0	0
Relative humidity (%) 1730 hours	97.6	99.5	97.6	99.2	97.3
Wind Speed (kmph)	57.9	51.8	47.4	66.1	71.3
Wind Direction	-	-	-	-	-

Gundlupete					
Parameter	19.11.2025	20.11.2025	21.11.2025	22.11.2025	23.11.2025
Rainfall (mm)	6.8	1.6	0	0	9
Max. temp (°C)	25.4	26	26.5	25.8	24.9
Min.Temp (°C)	18.4	17.9	17.9	18	18.8
Sky condition (Octas)	87.1	106	94.1	135	51.3
Relative humidity (%) 0830 hours	3	1	1	3	3
Relative humidity (%) 1730 hours	95.9	97.3	96.3	96.1	96.7
Wind Speed (kmph)	69.5	61.9	61.7	68.3	76
Wind Direction	7.2	10.5	5.1	2.5	2.3

Kollegala					
Parameter	19.11.2025	20.11.2025	21.11.2025	22.11.2025	23.11.2025
Rainfall (mm)	3.4	1	0	0	4.9
Max. temp (°C)	26.7	27.7	27.6	26.8	26.5
Min.Temp (°C)	19.2	18.8	18.9	18.8	19.2
Sky condition (Octas)	57.2	360	81.9	108.4	66
Relative humidity (%) 0830 hours	2	1	1	3	3
Relative humidity (%) 1730 hours	93.9	95.2	92.8	94.7	95.9

Wind Speed (kmph)	64.4	53.1	56.2	63.5	66.1
Wind Direction	6	5.8	2.5	1.1	3.5

Yelandur					
Parameter	19.11.2025	20.11.2025	21.11.2025	22.11.2025	23.11.2025
Rainfall (mm)	3	1	0	0	4.9
Max. temp (°C)	26.6	27.7	27.5	26.9	26.5
Min.Temp (°C)	19.1	18.2	18.5	18.6	19.2
Sky condition (Octas)	57.2	360	81.9	108.4	66
Relative humidity (%) 0830 hours	2	1	1	3	3
Relative humidity (%) 1730 hours	93.5	95.9	93.2	94.6	95.9
Wind Speed (kmph)	63.8	53.6	56.6	63.2	65.3
Wind Direction	6	5.8	2.5	1.1	3.5

Hanur					
Parameter	19.11.2025	20.11.2025	21.11.2025	22.11.2025	23.11.2025
Rainfall (mm)	6	1	0	0	6.4
Max. temp (°C)	25.2	25.9	26.6	25.2	25.2
Min.Temp (°C)	18.4	17.8	18.2	18.1	18.8
Sky condition (Octas)	3	2	1	3	3
Relative humidity (%) 0830 hours	97.4	98.8	95.6	97.2	97.8
Relative humidity (%) 1730 hours	68.5	61	59.6	70.3	71.1
Wind Speed (kmph)	4	4.7	3.3	2.5	1.9
Wind Direction	360	112.6	77.5	135	68.2

- 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

वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान

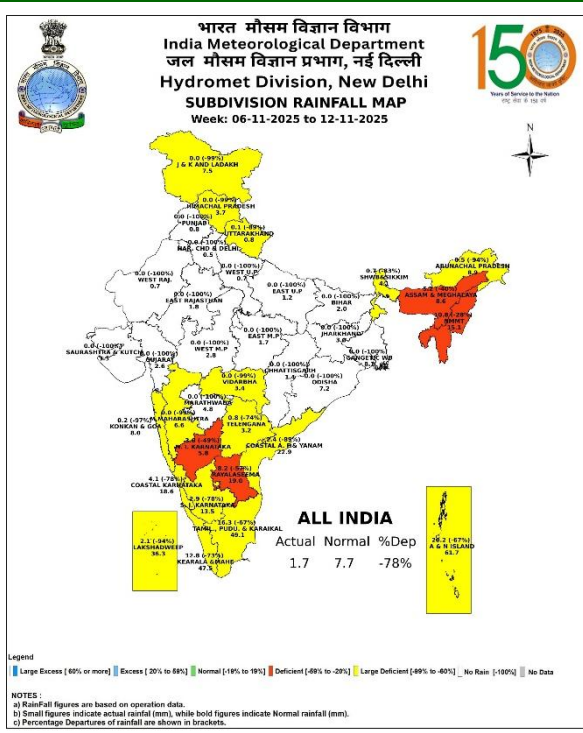
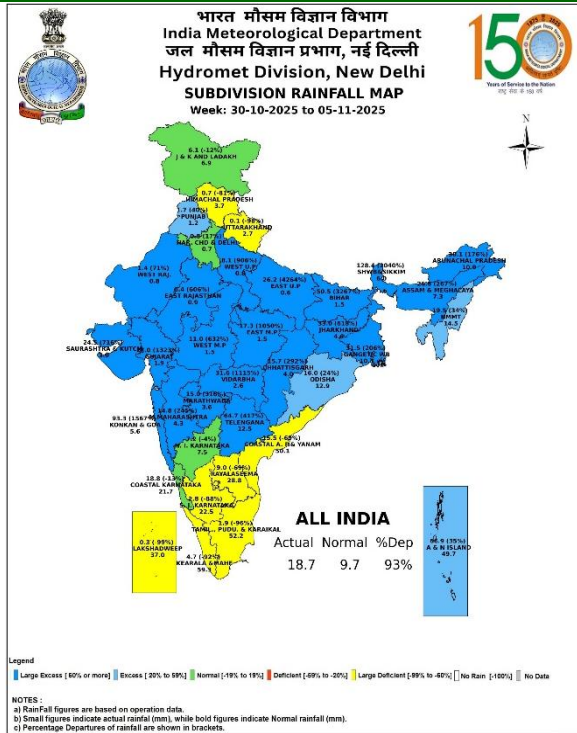
Realized Rainfall and Extended Range Forecast

(वर्षा और तापमान)

(Rainfall and Temperature)

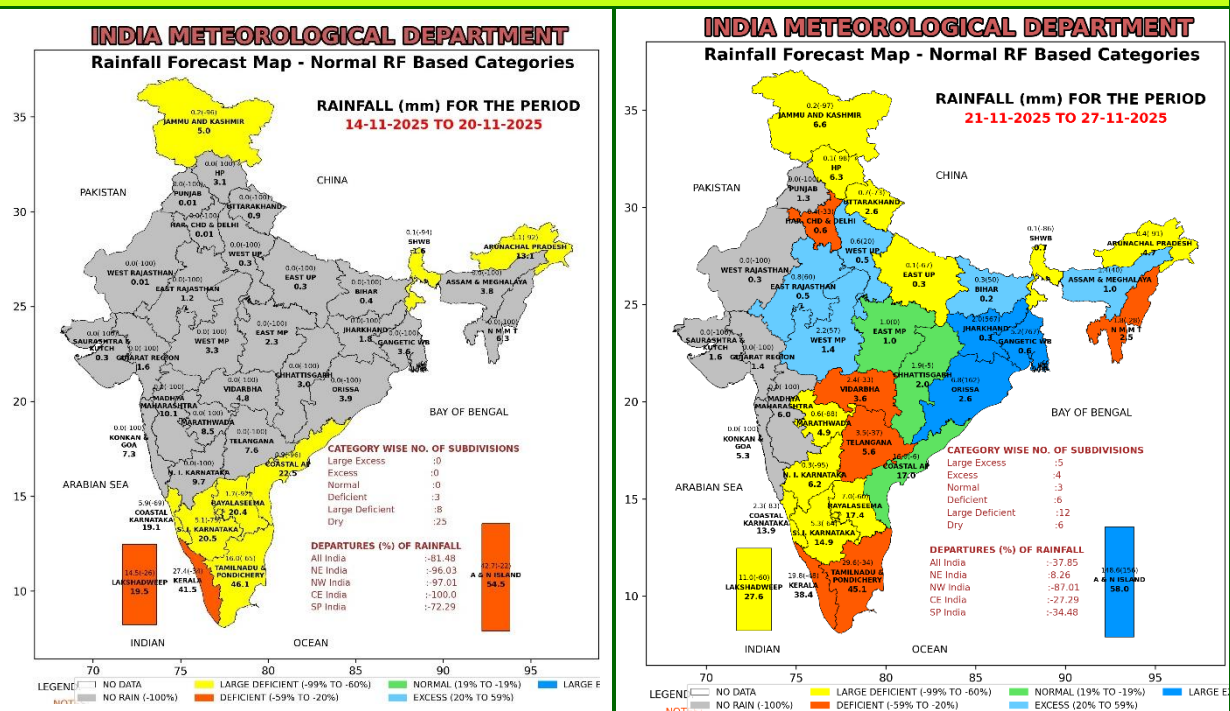
Realized Rainfall

(30th October to 12th November, 2025)



Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC-12th November, 2025) (14th to 27th November, 2025)



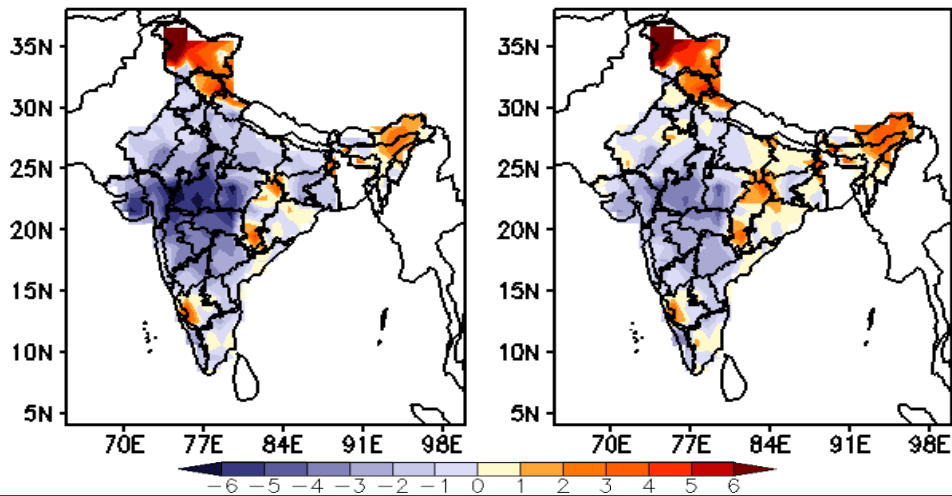
- **Week 1(14.11.2025 to 20.11.2025):** Rainfall is likely to be below normal over South India.
- **Week 2 (21.11.2025 to 27.11.2025):** Rainfall is likely to be below normal over South India. However, above normal rainfall is expected over Andaman & Nicobar Islands.

**Maximum and Minimum temperature anomaly (°C) forecast
for the next 2 weeks (IC- 12th November, 2025)
(14th to 27th November, 2025)**

MME forecast Tmax anomaly (Deg C)

(Week1: 14Nov–20Nov)

(Week2: 21Nov–27Nov)



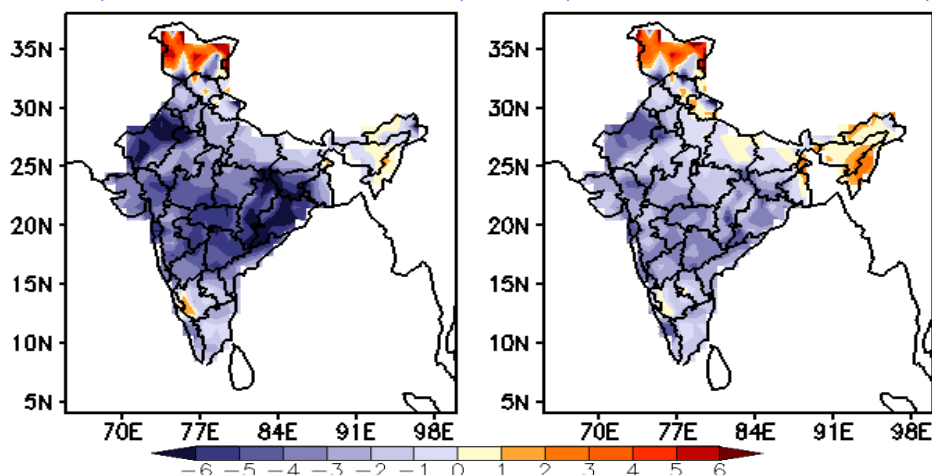
Maximum Temperature (Tmax)

- **Week 1 (14.11.2025 to 20.11.2025):**Maximum temperature is likely to be above normal over Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh, Assam, Chhattisgarh and South Karnataka. However, it is likely to be below normal over rest of the country.
- **Week 2 (21.11.2025 to 27.11.2025):**Maximum temperature is likely to be above normal over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Chhattisgarh and most parts of East and Northeast India. However, it is likely to be below normal over rest of the country.

MME forecast Tmin anomaly (Deg C)

(Week1: 14Nov–20Nov)

(Week2: 21Nov–27Nov)



Minimum Temperature (Tmin)

- **Week 1 (14.11.2025 to 20.11.2025):**Minimum temperature is likely to be below normal over the country except some parts of Jammu & Kashmir and North East India.
- **Week 2 (21.11.2025 to 27.11.2025):** Minimum temperature is likely to be below normal over the country except some parts of Jammu & Kashmir, Himachal Pradesh, Uttarakhand and North East India.