

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



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AMFU, OFRS, NAGANAHALLI,
MYSURU – 570003**



Date: 12-12-2025

AGRO-ADVISORY BULLETIN FOR CHAMARAJANAGARA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	09.12.2025	10.12.2025	11.12.2025	12.12.2025
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 13-12-2025 to 17-12-2025)

Parameter	13.12.2025	14.12.2025	15.12.2025	16.12.2025	17.12.2025
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	28	28	29	28	28
Min.Temp. (°C)	11	12	12	11	11
Sky condition (Octas)	1	2	0	0	2
Relative humidity (%) 0830 hours	90	88	87	89	88
Relative humidity (%) 1730 hours	27	28	28	27	29
Wind Speed (kmph)	4	6	4	6	4
Wind Direction	83	98	121	124	129

*GW - Gusty wind, TSH – Thunderstorm

Forecast Summary

As forecast received from IMD, partially cloudy sky with **light rainfall** may be expected from 13.12.2025 to 17.12.2025 in Chamarajanagara district. The day temperature is expected to be 28-29°C & night temperature is expected 11-12°C. The relative humidity in the morning hours is expected to be 87-90% & afternoon relative humidity is expected to be in the range of 27-29% Wind speed expected to be 4-6 km/hr.

General Advisory:

1 Paddy (Harvesting Stage)

- As dry weather continues, this is an ideal period for harvesting.
- Harvest early in the morning after dew dries to avoid grain discoloration.
- Ensure proper sun drying for 2–3 days to maintain grain quality.
- Store grains at safe moisture levels (below 12%) to prevent fungal growth.

2 Low Morning Temperatures

- Early morning temperatures being low may cause dew deposition; avoid harvesting when dew is present.
- Workers should use warm clothing during early hours.
- Irrigation pumps and machinery should be checked for proper functioning as engines may be hard to start in cold mornings.

3 Irrigation Management

- No rains forecast → Irrigate sensitive crops (vegetables, pulses) as needed.
- Avoid over-irrigation to prevent wilting due to low RH in the evenings.

4 Pest & Disease Advisory

- Dry and cool mornings may increase mite activity in chilli, vegetables.
- Monitor for thrips in onion and chilli due to dry wind conditions.
- Paddy straw in fields attracts rodents—use traps and maintain field sanitation.

5 Horticultural Crops

- Provide light irrigation to fruit crops to avoid moisture stress.

SMS Advisory:

Dry weather expected; no rainfall. Morning temperature remains low. 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 December

- **Sunflower:** KBSH-41, KBSH-99, KBSH-44, KBSH-53, KBSH-78, KBSH-85 (Irrigated).
- **Soybean (Irrigated):** 82-79, MAUS-2 (Pooja), Karune (Vegetable soybean), KBS-23.
- **Sesame (in post-kharif paddy fields):** GT, Navile-1 (Tunga), TMV-3, T-7, GKVK-S1.
- **Groundnut:** GKVK-5, GKVK-27, KCG-6, GPBD-4, ICGV-91114, TMV-2.
- **Horticultural crops:** Garlic, Watermelon.

Crop / Sector	Stage	Advisory
Paddy	Harvesting stage	• Dry weather is ideal for harvesting—complete harvest in the next few days. • Harvest after morning dew dries to avoid discoloration. • Dry grains to 12% moisture for safe storage. • Protect stored grains from rodents and pests.
Maize	Harvesting stage	• Proceed with harvesting as no rainfall is expected. • Dry cobs properly before shelling. • Store grains in moisture-free conditions. • Monitor for rodent damage in harvested produce.
Banana	Fruit development	• Provide irrigation at regular intervals due to dry weather. • Support plants with propping to prevent lodging. • Cover bunches to protect from sunscald and improve color. • Apply recommended fertilizers if due.
Cabbage & Cauliflower	Vegetative stage	• Irrigate moderately during evening due to low humidity. • Monitor for diamondback moth and aphids. • Maintain field sanitation and remove infected plants.

		• Apply light irrigation in the early morning if wilting is noticed.
Sugarcane	Vegetative stage	• Provide irrigation at 7–10 day intervals. • Remove excess tillers if needed. • Apply nitrogen top-dressing if due. • Manage early shoot borer with recommended practices.
Vegetable Crops (General)	Various stages	• Regular irrigation needed due to dry winds. • Mulching is recommended to retain moisture. • Monitor for mites, thrips, and sucking pests. • Maintain nutrient management and avoid waterlogging.
Livestock	—	• Provide warm housing at night due to low morning temperatures. • Ensure clean, dry bedding and adequate drinking water. • Supplement feed with mineral mixture. • Keep sheds well-ventilated but protected from cold winds.
Poultry	—	• Cover sheds with gunny/plastic curtains during night to reduce cold stress. • Provide warm drinking water in early morning. • Maintain dry litter to avoid disease outbreaks. • Ensure proper ventilation during daytime.

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	13.12.2025	14.12.2025	15.12.2025	16.12.2025	17.12.2025
Rainfall (mm)	0	0	0	0	0.6
Max. temp (°C)	27	27.1	26.7	27.1	26.7
Min.Temp (°C)	12.9	11.9	11.2	11.4	14.4
Sky condition (Octas)	0	1	1	2	3
Relative humidity (%) 0830 hours	93.8	90.2	88.4	89.2	97.4
Relative humidity (%) 1730 hours	33.1	30.6	28	26.4	59
Wind Speed (kmph)	6.5	6	6	4.7	5.6
Wind Direction	90	107.4	107.4	94.4	104.9

Gundlupete

Parameter	13.12.2025	14.12.2025	15.12.2025	16.12.2025	17.12.2025
Rainfall (mm)	0	0	0	0	0.4
Max. temp (°C)	26.5	26.4	26.1	25.5	25.8
Min.Temp (°C)	13.5	12.7	12.2	13	15.5
Sky condition (Octas)	2	2	1	2	4
Relative humidity (%) 0830 hours	91.7	82.6	80.8	82.4	94.8
Relative humidity (%) 1730 hours	33.3	33	32.8	40.2	60
Wind Speed (kmph)	6.2	4.8	4.8	4.8	5.6
Wind Direction	100	116.6	132	138	129.8

Kollegala

Parameter	13.12.2025	14.12.2025	15.12.2025	16.12.2025	17.12.2025
Rainfall (mm)	0	0	0	0	0.4
Max. temp (°C)	27.6	27.6	27.2	26.7	26.6
Min.Temp (°C)	13.5	12.9	12.5	13.9	16
Sky condition (Octas)	2	2	1	2	4
Relative humidity (%) 0830 hours	93.1	88.3	85.7	87.9	93.7
Relative humidity (%) 1730 hours	28.6	26.5	29.4	36.3	57.5
Wind Speed (kmph)	3.7	3.6	4.4	3.7	3.9
Wind Direction	78.7	90	99.5	101.3	111.8

Yelandur

Parameter	13.12.2025	14.12.2025	15.12.2025	16.12.2025	17.12.2025
Rainfall (mm)	0	0	0	0	0.4
Max. temp (°C)	27.5	27.4	27.2	26.5	26.7
Min.Temp (°C)	13.5	12.9	12.5	13.7	15.9
Sky condition (Octas)	2	2	1	2	4
Relative humidity (%) 0830 hours	92.7	87.7	84.8	87.3	93.3
Relative humidity (%) 1730 hours	29	27.3	30	36.4	57.6
Wind Speed (kmph)	4.4	3.6	4.4	3.7	3.9
Wind Direction	80.5	90	99.5	101.3	111.8

Hanur

Parameter	13.12.2025	14.12.2025	15.12.2025	16.12.2025	17.12.2025
Rainfall (mm)	0	0	0	0	1.1

Max. temp (°C)	26.2	26.4	26.1	25.2	24.6
Min.Temp (°C)	13	12.5	12.1	13.6	16
Sky condition (Octas)	2	2	1	2	4
Relative humidity (%) 0830 hours	95.6	93	88.9	90.9	95.6
Relative humidity (%) 1730 hours	32	28.9	33	40.6	65
Wind Speed (kmph)	3.7	3.2	4	3.2	3.2
Wind Direction	101.3	116.6	116.6	116.6	116.6

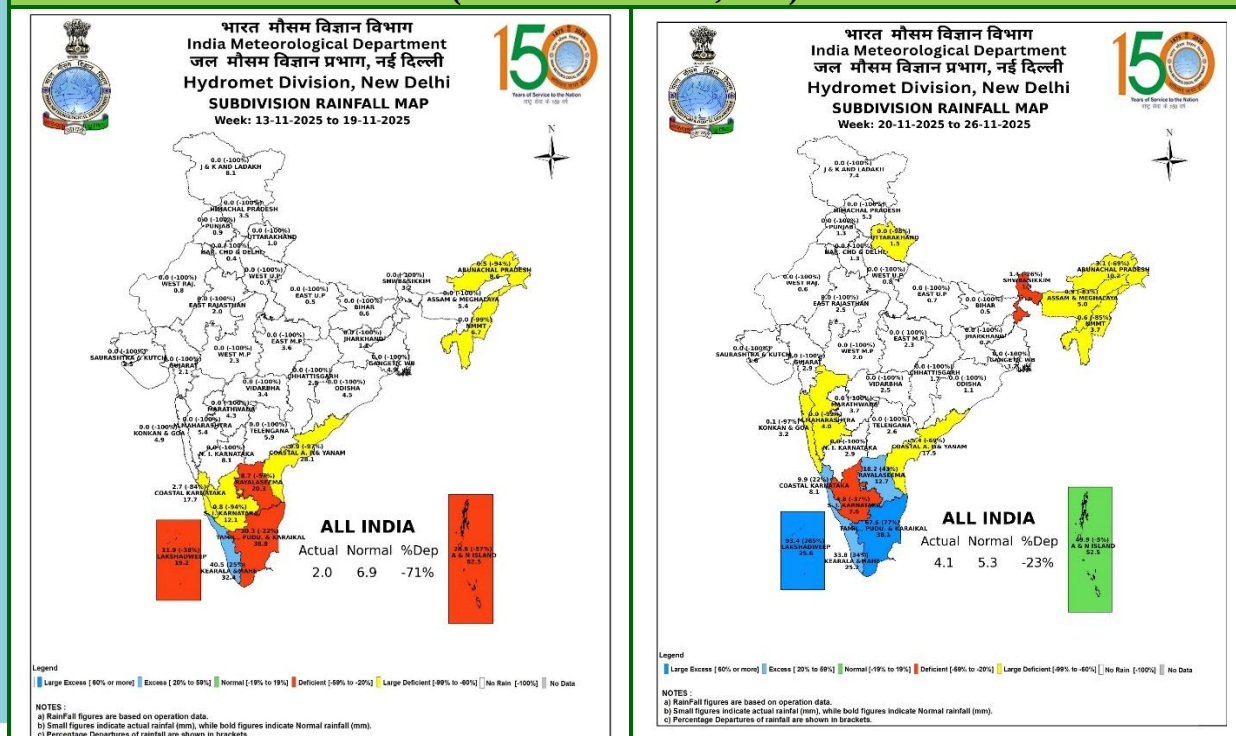
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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**

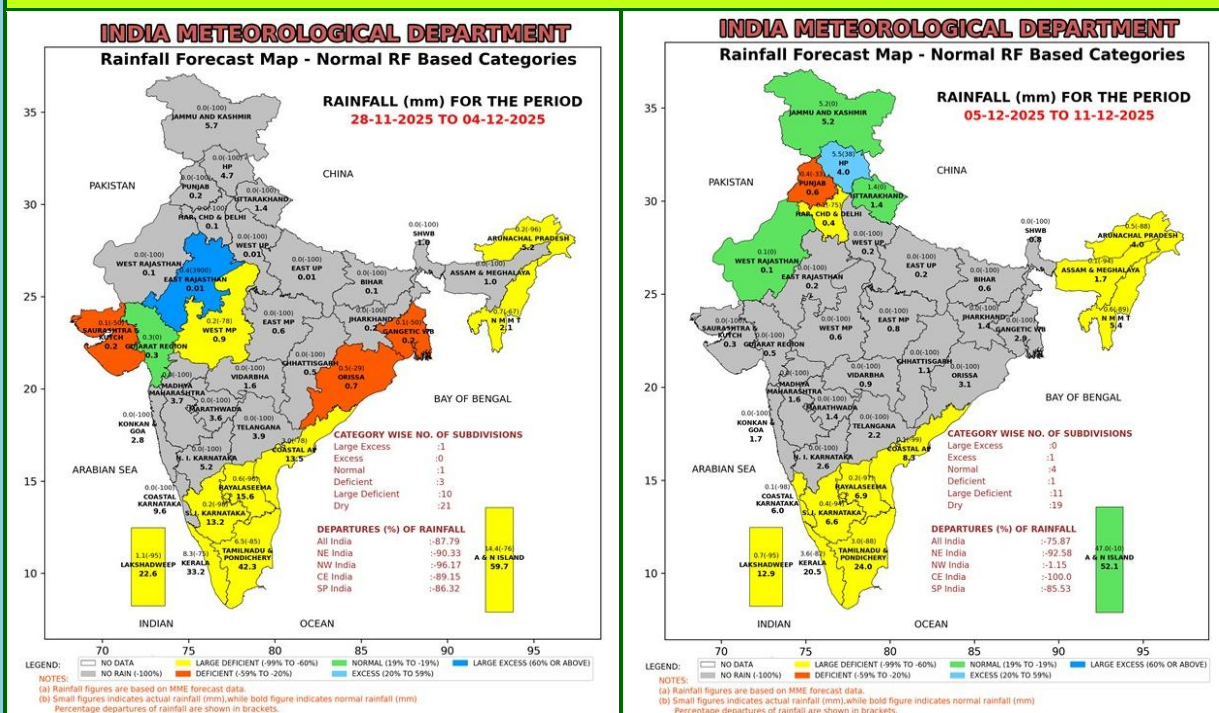
वास्तविकवर्षातथाविस्तारितअवधिपूर्वानुमान
Realized Rainfall and Extended Range Forecast
 (वर्षाऔरतापमान)
 (Rainfall and Temperature)

Realized Rainfall
 (13th to 26th November, 2025)



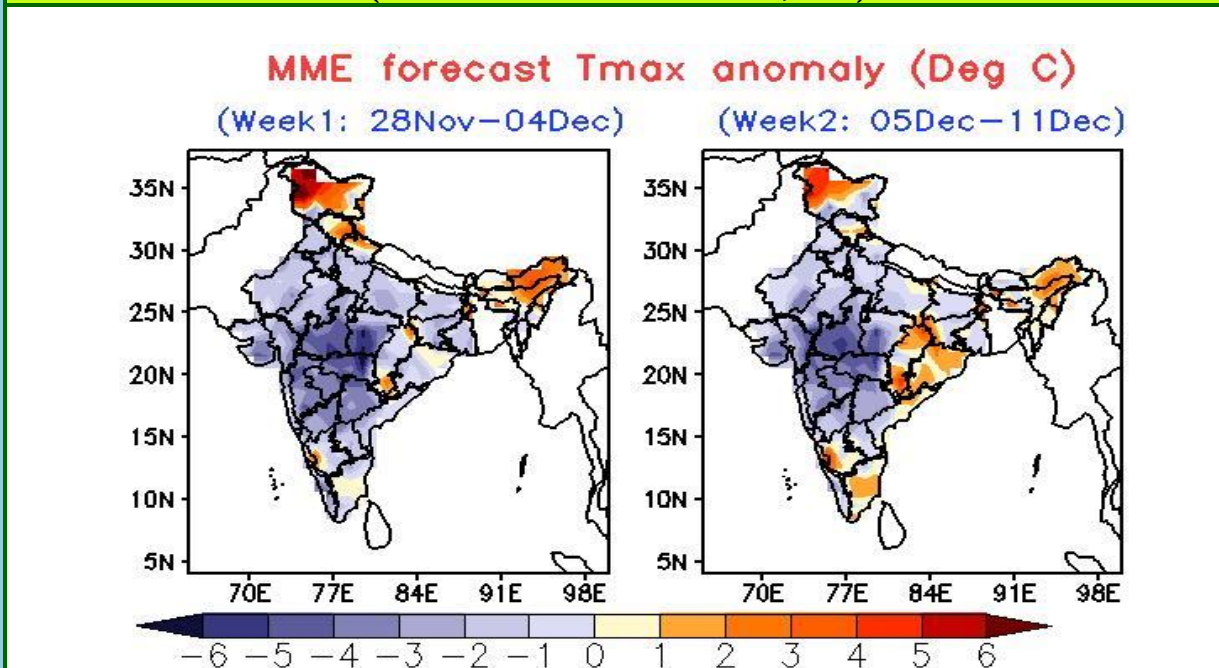
Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC-26th November, 2025) (28th November to 11th December, 2025)



- Week 1 (28.11.2025 to 04.12.2025):** Rainfall is likely to be below normal over Kerala, Tamil Nadu, South Karnataka and Andhra Pradesh.
- Week 2 (05.12.2025 to 11.12.2025):** Rainfall is likely to be below normal over Kerala and Tamil Nadu. Rainfall activity is also likely over Jammu & Kashmir and Himachal Pradesh.

Maximum and Minimum temperature anomaly ($^{\circ}$ C) forecast for the next 2 weeks (IC- 26th November, 2025) (28th November to 11th December, 2025)

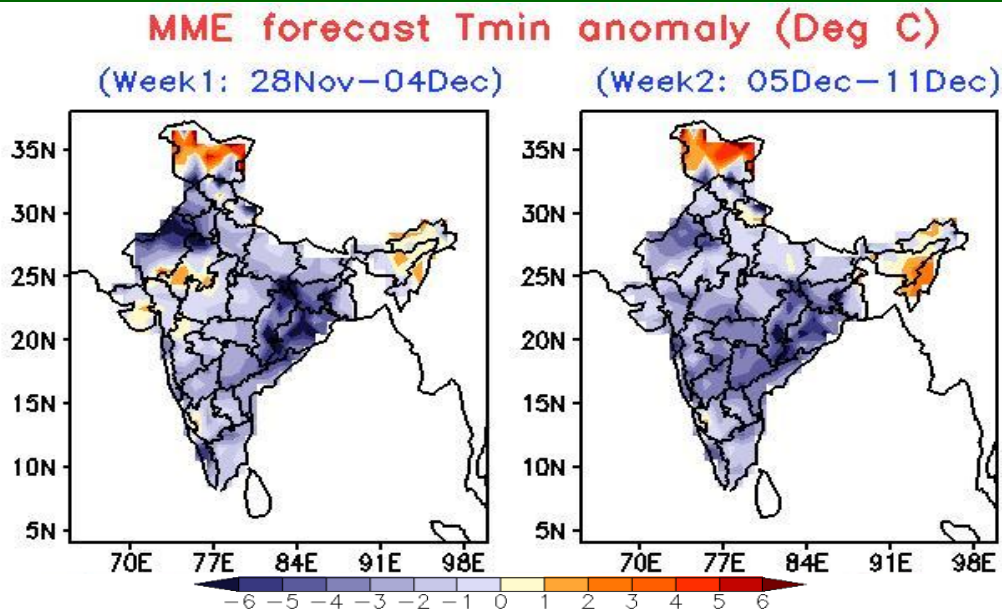


Maximum Temperature (Tmax)

- Week 1 (28.11.2025 to 04.12.2025):** Maximum temperature is likely to be above normal

over North East India, Jammu & Kashmir, Himachal Pradesh and Uttarakhand. However, it is likely to be below normal over rest of the country.

- **Week 2 (05.12.2025 to 11.12.2025):** Maximum temperature is likely to be above normal over North East India, Jammu & Kashmir, Chhattisgarh, Odisha, South Karnataka and Tamil Nadu. However, it is likely to be below normal over rest of the country.



Minimum Temperature (Tmin)

- **Week 1 (28.11.2025 to 04.12.2025):** Minimum temperature is likely to be below normal over most parts of the country except North East India, Jammu & Kashmir and some parts of East Rajasthan.
- **Week 2 (05.12.2025 to 11.12.2025):** Minimum temperature is likely to be below normal over most parts of the country except North East India and Jammu & Kashmir.