

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



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Date: 26-12-2025

AGRO-ADVISORY BULLETIN FOR CHAMARAJANAGARA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	23.12.2025	24.12.2025	25.12.2025	26.12.2025
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 27-12-2025 to 31-12-2025)

Parameter	27.12.2025	28.12.2025	29.12.2025	30.12.2025	31.12.2025
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	28	27	28	27	28
Min.Temp. (°C)	12	11	12	11	12
Sky condition (Octas)	4	2	1	3	3
Relative humidity (%) 0830 hours	92	94	91	92	90
Relative humidity (%) 1730 hours	32	31	30	31	32
Wind Speed (kmph)	4	6	4	6	4
Wind Direction	119	100	101	83	104

*GW - Gusty wind, TSH – Thunderstorm

Forecast Summary

As forecast received from IMD, partially cloudy sky with **no rainfall** may be expected from 27.12.2025 to 31.12.2025 in Chamarajanagara district. The day temperature is expected to be 27-28°C & night temperature is expected 11-12°C. The relative humidity in the morning hours is expected to be 90-94% & afternoon relative humidity is expected to be in the range of 30-32% 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Irrigate moderately during evening due to low humidity.• Monitor for diamondback moth and aphids.• Maintain field sanitation and remove infected plants.

		<ul style="list-style-type: none"> • Apply light irrigation in the early morning if wilting is noticed.
Sugarcane	Vegetative stage	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	—	<ul style="list-style-type: none"> • 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	—	<ul style="list-style-type: none"> • 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	<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	27.12.2025	28.12.2025	29.12.2025	30.12.2025	31.12.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	27.6	27.7	27.4	28.1	28.1
Min.Temp (°C)	13.8	13.7	12.7	13.2	15.1
Sky condition (Octas)	3	2	2	2	3
Relative humidity (%) 0830 hours	93.6	95.7	91	89.9	90.7
Relative humidity (%) 1730 hours	41.5	32	31.5	39.8	43.3
Wind Speed (kmph)	4.3	5.4	5.4	3.7	3.3
Wind Direction	94.8	86.2	97.6	78.7	102.5

Gundlupete

Parameter	27.12.2025	28.12.2025	29.12.2025	30.12.2025	31.12.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	26.5	27	27	27.9	27.9
Min.Temp (°C)	13.4	13.4	12.8	13.4	15.1
Sky condition (Octas)	3	3	2	2	3
Relative humidity (%) 0830 hours	94.8	92.2	92	90.6	90.2
Relative humidity (%) 1730 hours	43.6	36.8	34.4	39.7	43.7
Wind Speed (kmph)	4.9	5	6.5	5	3.2
Wind Direction	107.1	111	109.4	111	116.6

Kollegala

Parameter	27.12.2025	28.12.2025	29.12.2025	30.12.2025	31.12.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	27.9	28.2	28.4	28.8	29.6
Min.Temp (°C)	15.2	15.2	15.2	16.1	17.2
Sky condition (Octas)	3	2	2	2	3
Relative humidity (%) 0830 hours	94.6	90.9	92.2	92.1	91.2
Relative humidity (%) 1730 hours	37.3	30.7	34	44.8	43.6
Wind Speed (kmph)	5.2	6.5	7	5.4	6.2
Wind Direction	65.2	86.8	78.1	82.4	80

Yelandur

Parameter	27.12.2025	28.12.2025	29.12.2025	30.12.2025	31.12.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	27.6	27.7	27.7	28	28.6
Min.Temp (°C)	14.9	14.7	14.5	15	16.1
Sky condition (Octas)	3	2	2	2	3
Relative humidity (%) 0830 hours	93.8	91.8	89.4	89	88.4
Relative humidity (%) 1730 hours	38.9	32.7	33.6	42.1	42.2
Wind Speed (kmph)	4	5.1	5.4	3	3.2
Wind Direction	84.8	81.9	93.8	76	90

Hanur

Parameter	27.12.2025	28.12.2025	29.12.2025	30.12.2025	31.12.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	26.2	26.7	26.7	26.9	27.9
Min.Temp (°C)	14.6	13.9	13.9	14.7	15.9
Sky condition (Octas)	3	2	2	3	3
Relative humidity (%) 0830 hours	96.5	95.6	93.4	92.9	89.4
Relative humidity (%) 1730 hours	43.1	34.5	36.1	43.8	44.2
Wind Speed (kmph)	2.8	5.2	4.8	3.6	3.4
Wind Direction	129.8	105.9	116.6	126.9	122

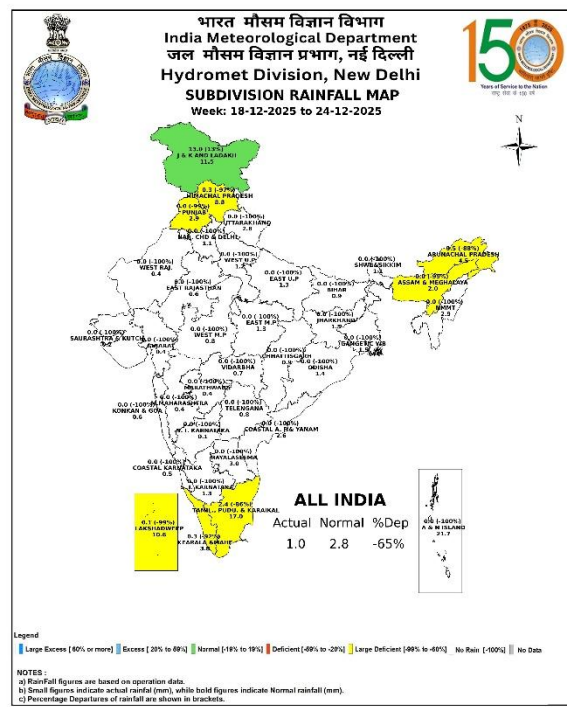
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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**

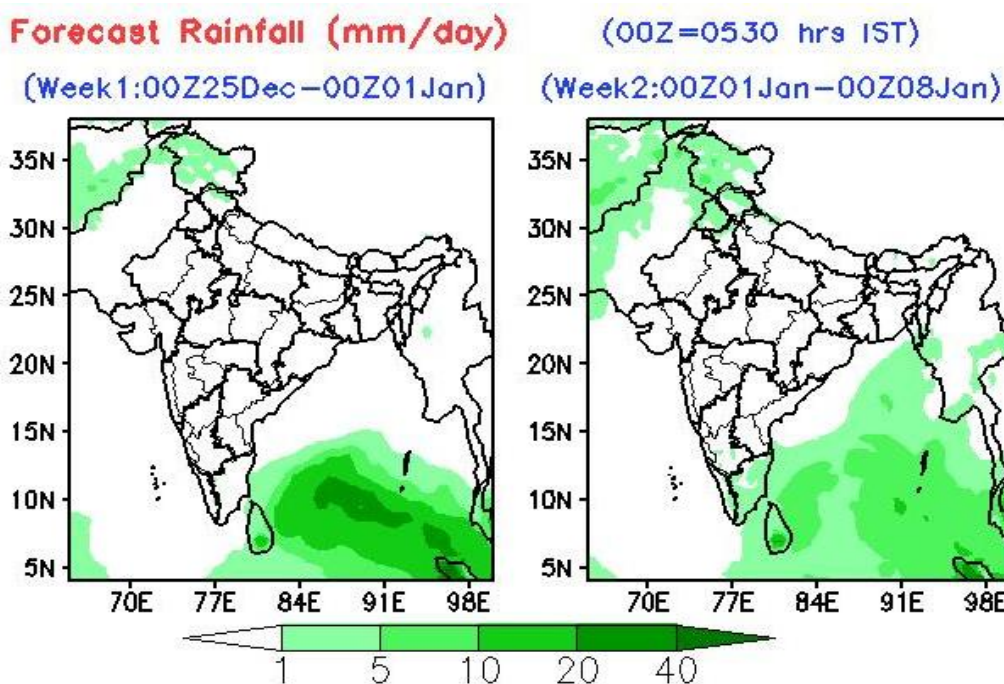
वास्तविक वर्षातथाविस्तारितअवधिपूर्वानुमान
Realized Rainfall and Extended Range Forecast
(वर्षाऔरतापमान)
(Rainfall and Temperature)

Realized Rainfall
(11th to 24th December, 2025)



Extended Range Forecast System

**Rainfall forecast maps for the next 2 weeks (IC-24th December,2025)
(26thDecember, 2025to 08th January,2026)**



- Week 1(26.12.2025 to 01.01.2026):** Rainfall is likely over Jammu & Kashmir and Andaman & Nicobar Islands.
- Week 2 (02.01.2025 to 08.01.2026):** Rainfall is likely over Jammu & Kashmir, Himachal Pradesh, Punjab, Tamil Nadu, Kerala and Andaman & Nicobar Islands.

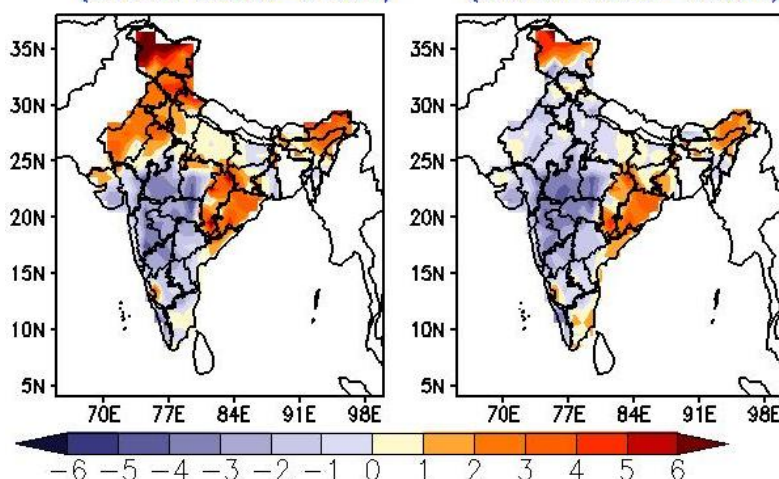
Maximum and Minimum temperature anomaly (°C) forecast

**for the next 2 weeks (IC- 24th December,2025)
(26th December, 2025 to 08th January, 2026)**

MME forecast Tmax anomaly (Deg C)

(Week1: 26Dec-01Jan)

(Week2: 02Jan-08Jan)



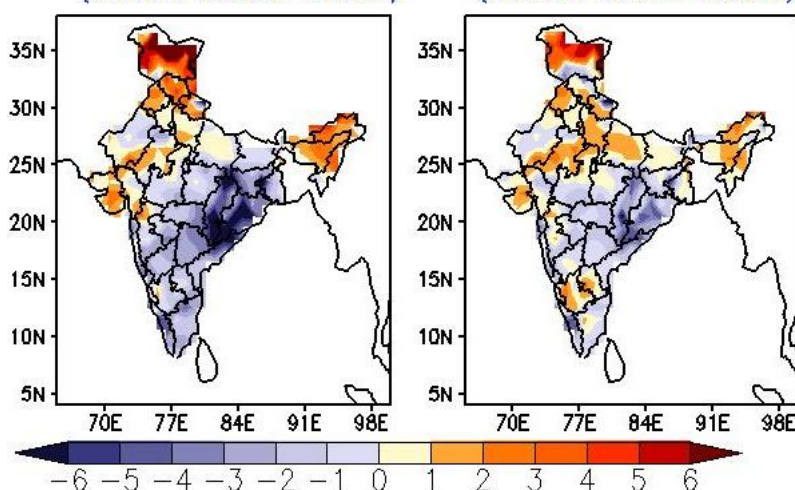
Maximum Temperature (Tmax)

- **Week 1 (26.12.2025 to 01.01.2026):**Maximum temperature is likely to be above normal over North West India, North East India, Chhattisgarh, Odisha and North Coastal Andhra Pradesh. However, it is likely to be below normal over many part of Central India, West India and South India.
- **Week 2 (02.01.2025 to 08.01.2026):**Maximum temperature is likely to be above normal over Jammu & Kashmir, Chhattisgarh, Odisha, Arunachal Pradesh, Assam, some parts of Gangetic West Bengal, Tamil Nadu and Coastal Andhra Pradesh. However, it is likely to be below normal over many parts of North West India, Central India, West India, Telangana, North Karnataka, Kerala and Andhra Pradesh.

MME forecast Tmin anomaly (Deg C)

(Week1: 26Dec-01Jan)

(Week2: 02Jan-08Jan)



Minimum Temperature (Tmin)

- **Week 1 (26.12.2025 to 01.01.2026):**Minimum temperature is likely to be below normal over East India, Central India, Maharashtra and South India and above normal over North West India, North East India, Gujarat and parts of Bihar.
- **Week 2 (02.01.2025 to 08.01.2026):** Minimum temperature is likely to be below normal over Odisha, Chhattisgarh, Telangana, Coastal Andhra Pradesh and many parts of Maharashtra. However, it is likely to be above normal over many parts of North West India, North East India, Gujarat, Bihar and Karnataka.