

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



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



Date:07-02-2025

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	04.02.2025	05.02.2025	06.02.2025	07.02.2025
Rainfall (mm)	0	0	0	0
Max. Temp. (°C)	30.9	31.8	32.3	31.9
Min. Temp. (°C)	14.7	13.7	13	13.6
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	97	99	80	78
Relative humidity (%) 1730 hours	-	21	20	21
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 08-02-2024 to 12-02-2025)

Parameter	08.02.2025	09.02.2025	10.02.2025	11.02.2025	12.02.2025
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	32	32	32	32	33
Min. Temp. (°C)	13	13	13	13	14
Sky condition (Octas)	1	2	1	2	2
Relative humidity (%) 0830 hours	79	73	81	85	86
Relative humidity (%) 1730 hours	22	23	27	27	23
Wind Speed (kmph)	5	5	5	5	5
Wind Direction	69	70	70	69	72

Forecast Summary

As forecast received from IMD, cloudy sky with **no rainfall** may be expected from **08.02.2025 to 12.02.2025** in Kodagu district. The day temperature is expected to be 32-33°C & night temperature is expected 13°C to 14°C. The relative humidity in the morning hours is expected to be 73% to 86% & afternoon relative humidity is expected to be in the range of 22% to 27%. Wind speed expected to be 5 km/ hr.

SMS Advisory

Protect crops from cold stress, ensure proper ventilation for livestock, and maintain moisture in soil for vegetables. Avoid excess irrigation.

Recommendations to the farmers:-

Crop	Pest/Disease	Damage symptoms	Control measures
General Advisory:			
<ul style="list-style-type: none"> • No rainfall for the next 5 days increases soil moisture loss. Irrigation at proper intervals is essential to avoid water stress. • Mulching with organic materials (leaves, straw, dried grass) is advised to retain soil moisture and reduce evaporation. • Drip and sprinkler irrigation are recommended for efficient water management. • Pest and Disease Monitoring: The dry weather can increase thrips, mites, aphids, and borers; regular scouting and preventive control measures should be taken. <ul style="list-style-type: none"> • Shade Management in plantation crops like coffee and cardamom is necessary to protect plants from direct sunlight and water stress. 			

Crop	Stage	Weather-Based Advisory
Paddy	Nursery preparation/transplanting	No rainfall; ensure adequate irrigation for nursery. Maintain proper moisture for seedling growth.
Maize	Vegetative stage	No rainfall; irrigate to prevent water stress. Mulching is recommended to conserve soil moisture. Monitor for fall armyworm.
Ragi	Vegetative stage	No rainfall; provide light irrigation as needed. Mulching with crop residues can reduce moisture loss.
Tomato	Fruit development	No rainfall; irrigate at regular intervals. Install mulch to maintain soil moisture. Protect from fruit borers and powdery mildew.
Brinjal	Flowering/fruiting stage	No rainfall; provide irrigation to avoid flower drop. Monitor for sucking pests like whiteflies and mites.
Beans	Vegetative/flowering stage	No rainfall; apply irrigation to support flowering. Support vines to prevent lodging. Mulching is advised.
Chilli	Flowering stage	No rainfall; irrigate regularly to avoid flower drop. Monitor for thrips and mites due to dry conditions.
Cabbage	Head formation	No rainfall; light irrigation is needed. Regularly check for diamondback moth infestation.
Cauliflower	Head formation	No rainfall; keep the soil moist for better head development. Monitor for aphids and caterpillars.
Coffee	Berry development (post-harvest maintenance)	No rainfall; provide protective irrigation. Mulching and shade tree management are recommended. Avoid excessive pruning.
Arecanut	Fruiting/maturity	No rainfall; irrigate at 10-15 day intervals to support nut filling. Protect from mites and spindle bug infestations.
Coconut	Nut development	No rainfall; apply irrigation to prevent nut drop. Use organic mulches to retain soil moisture. Keep palms free from rugose whitefly.
Pepper	Fruiting	No rainfall; maintain soil moisture through light irrigation. Provide shade and mulch. Check for pollu beetle infestations.
Cardamom	Maintenance/post-harvest phase	No rainfall; irrigate if needed. Mulching helps in moisture retention. Maintain shade trees.
Banana	Bunch development	No rainfall; irrigate regularly to avoid fruit shrinkage. Provide propping support to avoid lodging due to dry winds.
Citrus fruits	Harvesting	No rainfall; complete harvesting early morning. Irrigation should be provided to trees to avoid moisture stress.
Sapota	Fruiting/harvest	No rainfall; irrigate to maintain fruit quality. Timely harvesting is

		advised to prevent fruit cracking.
Guava	Fruiting	No rainfall ; irrigate adequately to maintain fruit size and quality. Mulching can be beneficial.
Ginger	Harvesting	No rainfall ; harvesting should be completed in early hours. Ensure proper curing and drying of rhizomes.
Turmeric	Harvesting	No rainfall ; complete harvesting and ensure proper drying under shade. Maintain storage conditions to prevent rhizome rot.

Livestock specific advisory

Category	Advisory
Livestock	Provide dry bedding, avoid exposure to morning cold, and ensure good ventilation in sheds. Offer slightly warm drinking water during mornings and evenings. Maintain cleanliness, use fly traps or repellents. Monitor for respiratory issues; increase energy-rich feed.
Poultry	Cover sheds at night, provide warm drinking water, and use brooders for chicks. Ensure good air circulation but block cold drafts. Add energy supplements (e.g., maize) to feed. Remove litter regularly and use approved fly traps or sprays.

Block level weather forecast (From 08-02-2025 to 12-02-2025)

Madikeri

Parameter	08.02.2025	09.02.2025	10.02.2025	11.02.2025	12.02.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	31.2	31.1	31.1	31.1	31.9
Min.Temp (°C)	16.2	16.5	16.9	16.4	15.7
Sky condition (Octas)	1	1	1	2	1
Relative humidity (%) 0830 hours	71.3	76	82.3	85.3	76.9
Relative humidity (%) 1730 hours	21.5	24.2	26.6	22.5	18.7
Wind Speed (kmph)	4.5	4.8	5.2	4.7	4.4
Wind Direction	61.4	63.4	65.2	67.4	55

Somvarpet

Parameter	08.02.2025	09.02.2025	10.02.2025	11.02.2025	12.02.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	30.9	30.6	30.7	30.6	31.7
Min.Temp (°C)	15.6	15.9	16.4	15.8	14.9
Sky condition (Octas)	1	1	1	2	0
Relative humidity (%) 0830 hours	72.8	77.3	83	87.6	78.6
Relative humidity (%) 1730 hours	22.5	25.5	27.2	23.4	18.3

Wind Speed (kmph)	5.9	6.2	6.5	6.2	5.8
Wind Direction	100.6	96.7	96.3	96.7	93.6

Virajpet					
Parameter	08.02.2025	09.02.2025	10.02.2025	11.02.2025	12.02.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	33.2	33.2	33.1	33	33.7
Min.Temp (°C)	16.7	17.2	17.8	17.1	16.6
Sky condition (Octas)	1	1	1	2	1
Relative humidity (%) 0830 hours	74.7	77.3	85.1	87.7	83.2
Relative humidity (%) 1730 hours	17.7	18.9	23.4	22.7	22.6
Wind Speed (kmph)	6.1	6.4	6.2	6.2	6.1
Wind Direction	49.7	51.8	54.4	54.4	49.7

- 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

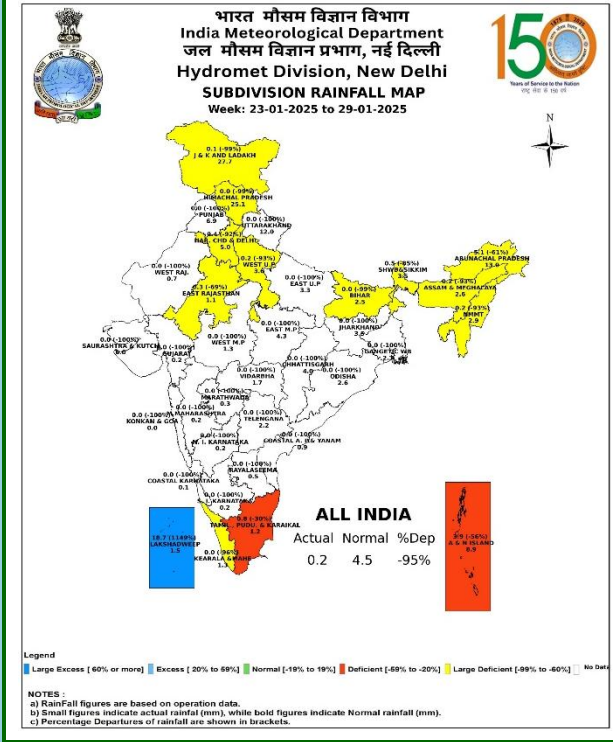
For any information farmers can contact **Dr. C. Ramachandra**, Senior Farm Superintendent/ **Dr. SumanthKumar.G.V**, Technical officer over phone No. 0821-259126/ 9535345814

AMFU of IMD,
Naganahalli, Mysuru

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

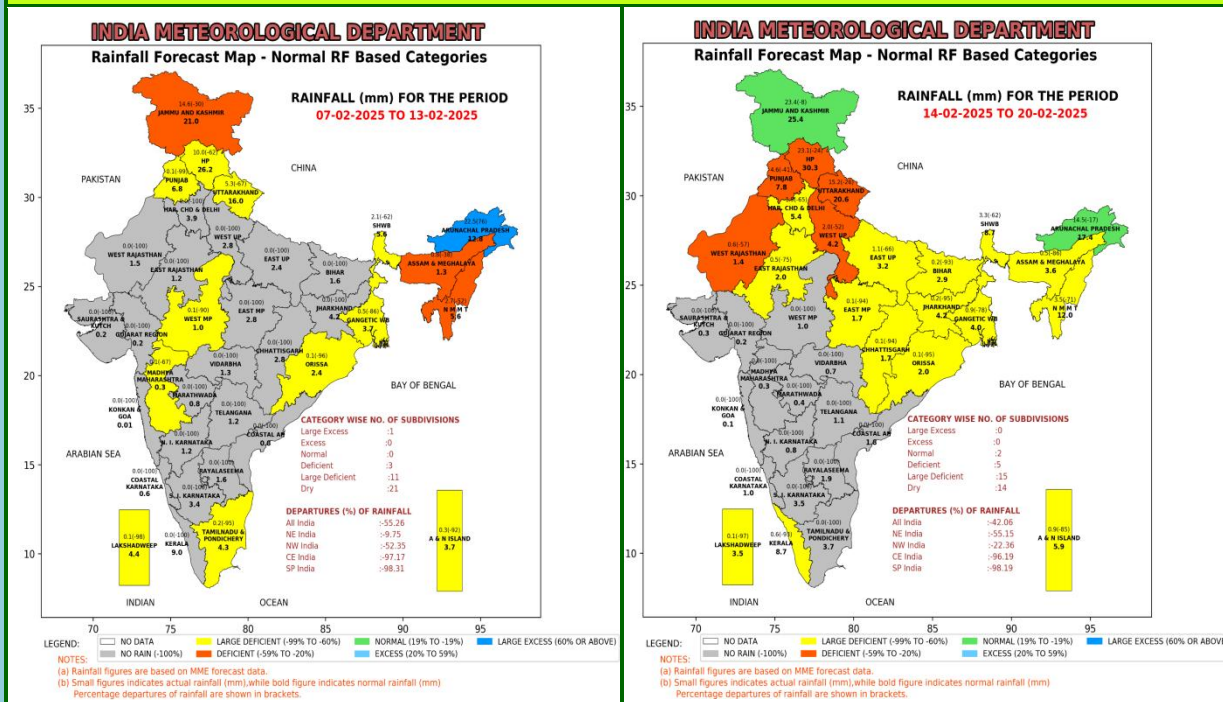
Realized Rainfall

(23rd January to 05th February, 2025)



Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 05thFebruary,2025) (07th to 20thFebruary, 2025)



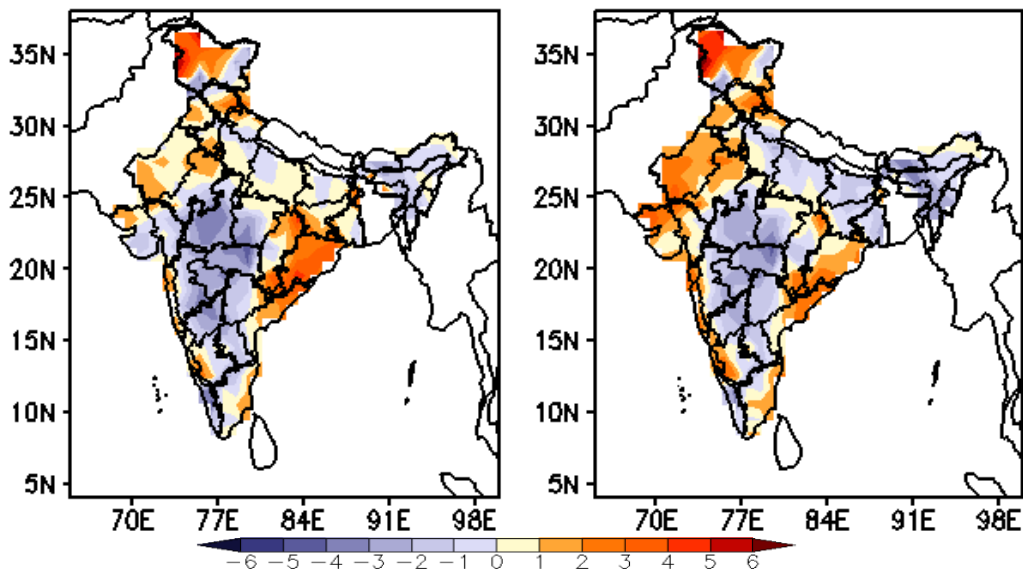
- **Week 1 (07.02.2025 to 13.02.2025):** Rainfall is likely to be above normal over Arunachal Pradesh. Rainfall activity is also likely over Jammu & Kashmir and Himachal Pradesh.
- **Week 2 (14.02.2025 to 20.02.2025):** Rainfall is likely to be normal over Jammu & Kashmir and Arunachal Pradesh. Rainfall activity is also likely over Himachal Pradesh and Uttarakhand.

Maximum and Minimum temperature anomaly (°C) forecast for the next 2 weeks (IC- 05thFebruary,2025) (07th to 20th February, 2025)

MME forecast Tmax anomaly (Deg C)

(Week 1: 07Feb – 13Feb)

(Week 2: 14Feb – 20Feb)



Maximum Temperature (Tmax)

- **Week 1 (07.02.2025 to 13.02.2025):** Maximum temperature is likely to be below normal

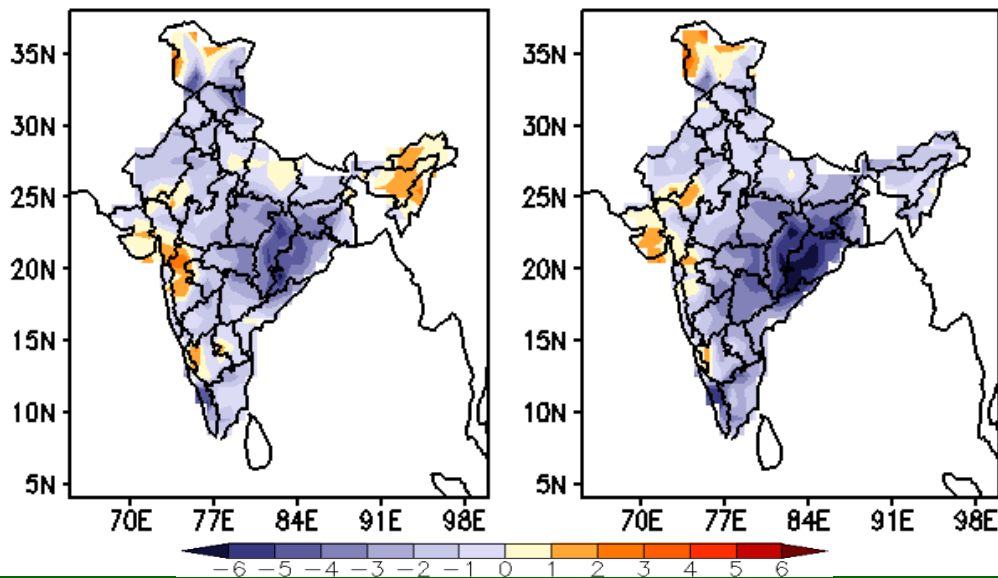
over many parts of Central, West & South India and some parts in Uttar Pradesh & Northeast India. However, it is likely to be above normal over East India, many parts of Northwest India, Chhattisgarh and parts of South India.

- **Week 2 (14.02.2025 to 20.02.2025):**Maximum temperature is likely to be below normal over Central India, many parts of South India, some parts of Northeast India, Maharashtra, and Uttar Pradesh. However, it is likely to be above normal over many parts of Northwest India, South India, Gujarat, Odisha, Konkan & Goa and parts of Chhattisgarh.

MME forecast Tmin anomaly (Deg C)

(Week1: 07Feb–13Feb)

(Week2: 14Feb–20Feb)



Minimum Temperature (Tmin)

- **Week 1 (07.02.2025 to 13.02.2025):**Minimum temperature is likely to be below normal over most parts of the country. However, it is likely to be above normal over North East India and some parts of Gujarat, Maharashtra & Karnataka.
- **Week 2 (14.02.2025 to 20.02.2025):** Minimum temperature is likely to be below normal over most parts of the country except Gujarat, some parts of Jammu & Kashmir, Rajasthan, Madhya Pradesh, Maharashtra and Karnataka.