

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



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



Date:25-02-2025

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	22.02.2025	23.02.2025	24.02.2025	25.02.2025
Rainfall (mm)	0	0	0	0
Max. Temp. (°C)	33.7	33.6	32.8	31.7
Min. Temp. (°C)	16.6	19	15.9	15.4
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	100	100	53	57
Relative humidity (%) 1730 hours	26	68	29	17
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 26-02-2024 to 02-03-2025)

Parameter	26.02.2025	27.02.2025	28.02.2025	01.03.2025	02.03.2025
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	32	33	33	32	32
Min. Temp. (°C)	15	15	15	16	16
Sky condition (Octas)	1	2	1	2	3
Relative humidity (%) 0830 hours	58	57	60	60	50
Relative humidity (%) 1730 hours	22	23	23	22	44
Wind Speed (kmph)	1	1	2	2	3
Wind Direction	73	68	71	69	72

Forecast Summary

As forecast received from IMD, cloudy sky with **no rainfall** may be expected from **26.02.2025 to 02.03.2025** in Kodagu district. The day temperature is expected to be 32-33°C & night temperature is expected 15-16°C. The relative humidity in the morning hours is expected to be 50% to 60% & afternoon relative humidity is expected to be in the range of 22% to 24%. Wind speed expected to be 1-3 km/ hr.

SMS Advisory

A forecasted temperature for the next five days is 33°C. Farmers should irrigate crops adequately and use mulching to conserve soil moisture. Provide shade and sufficient drinking water for livestock to prevent heat stress. Ventilation in polyhouses and shaded structures for horticultural crops will help minimize heat-related damage.

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/trans planting	No rainfall ; ensure adequate irrigation for nursery. Maintain proper moisture for seedling growth.
Maize	Tasseling 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.
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.
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Livestock, Poultry, and Sericulture Advisory (No Rainfall & High Temperature)	
Sector	Weather-Based Advisory
Livestock	Ensure proper shade and ventilation in animal sheds. Provide ample clean drinking water. Avoid grazing during peak heat hours. Provide mineral supplements to prevent heat stress.
Poultry	High temperatures may lead to heat stress, affecting egg production and bird health. Maintain proper ventilation in poultry sheds. Provide cool drinking water with electrolytes. Reduce feed quantity in the daytime and provide more during cooler hours.
Sericulture	High temperatures can stress silkworms. Maintain humidity by sprinkling water in rearing rooms. Provide proper aeration and shade to protect mulberry plants from heat stress.

Moisture Conservation Practices and Summer Ploughing Advisory	
Practice	Weather-Based Advisory
Mulching	Apply dry leaves, paddy straw, or organic waste around plants to reduce evaporation losses and soil temperature.
Summer Ploughing	Since rainfall is absent, conduct deep summer ploughing to expose soil-borne pests and improve aeration. It also helps in better moisture retention for the next season.
Irrigation Management	Follow drip irrigation or sprinkler irrigation to conserve water. Irrigate during early morning or evening hours to minimize evaporation losses.
Shading Measures	For young plants and nurseries, use shade nets or temporary structures to reduce direct heat impact.

Block level weather forecast (From 26-02-2025 to 02-03-2025)					
Madikeri					
Parameter	26.02.2025	27.02.2025	28.02.2025	01.03.2025	02.03.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	31.8	32.2	32.5	32.8	32.6
Min.Temp (°C)	18.1	18.2	18.5	18.2	19.6
Sky condition (Octas)	74.4	75.8	76.2	86.5	90.2
Relative humidity (%) 0830 hours	26	33.7	30.6	35.3	32.3
Relative humidity (%) 1730 hours	4	3	4	6	5
Wind Speed (kmph)	7.3	7.1	7.1	6.6	5.2
Wind Direction	69.8	66	66	67.6	65.2

Somvarpet

Parameter	26.02.2025	27.02.2025	28.02.2025	01.03.2025	02.03.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	31.2	31.7	32.2	32.4	32.5
Min.Temp (°C)	17.7	17.8	18	17.7	19.2
Sky condition (Octas)	74.5	74.1	75.7	87.6	91.3
Relative humidity (%) 0830 hours	25.9	31.8	31	35.6	31.1
Relative humidity (%) 1730 hours	4	3	3	6	5
Wind Speed (kmph)	8.7	8.7	7.9	7.2	6.1
Wind Direction	94.8	97.1	92.6	92.9	93.4

Virajpet

Parameter	26.02.2025	27.02.2025	28.02.2025	01.03.2025	02.03.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	34.1	34.4	35	34.5	33.2
Min.Temp (°C)	19.1	19.5	19.5	19.4	20.6
Sky condition (Octas)	76.8	79.5	79.5	87.7	88.9
Relative humidity (%) 0830 hours	25	36.9	32.8	38.6	39.8
Relative humidity (%) 1730 hours	4	3	3	6	6
Wind Speed (kmph)	7.5	8.3	7.5	7.5	5.7
Wind Direction	54.8	55.6	54.8	54.8	55.3

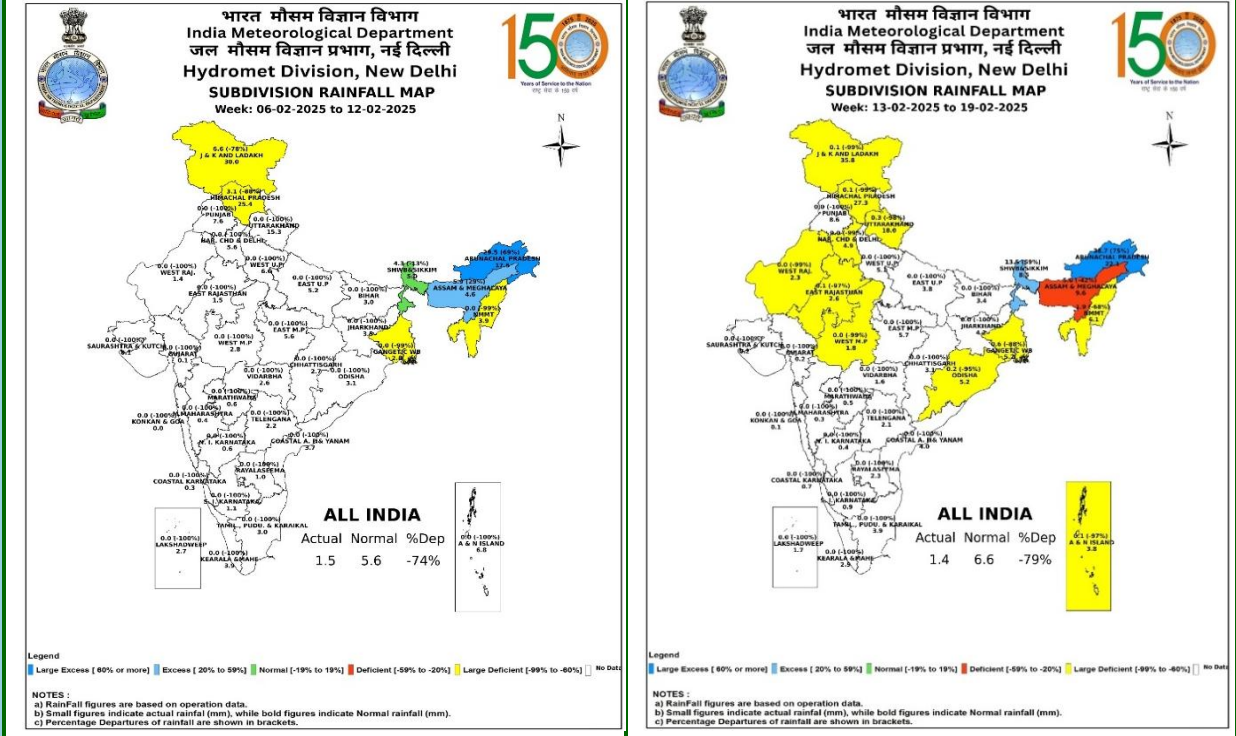
- Download “DAMINI” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “MAUSAM” APP for location specific forecast & warning & “MEGHDOOT” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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

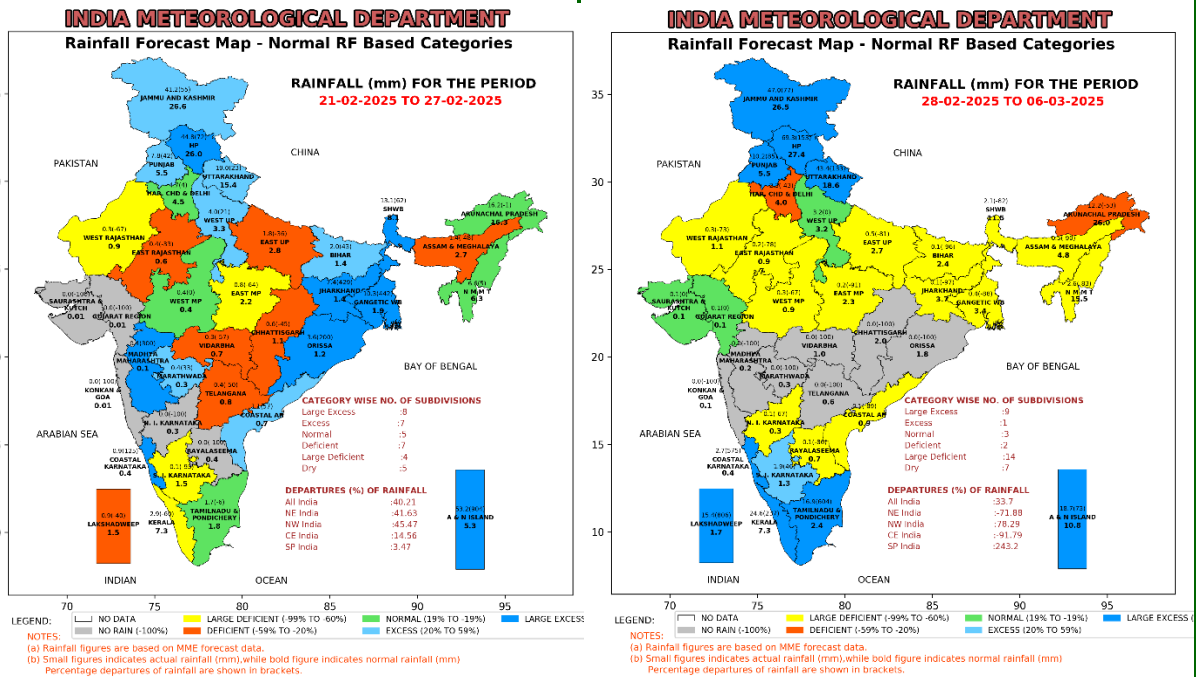
वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान
Realized Rainfall and Extended Range Forecast
 (वर्षा और तापमान)
 (Rainfall and Temperature)

Realized Rainfall
 (06th to 19th February, 2025)



Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 19thFebruary,2025) (21st February to 06thMarch, 2025)



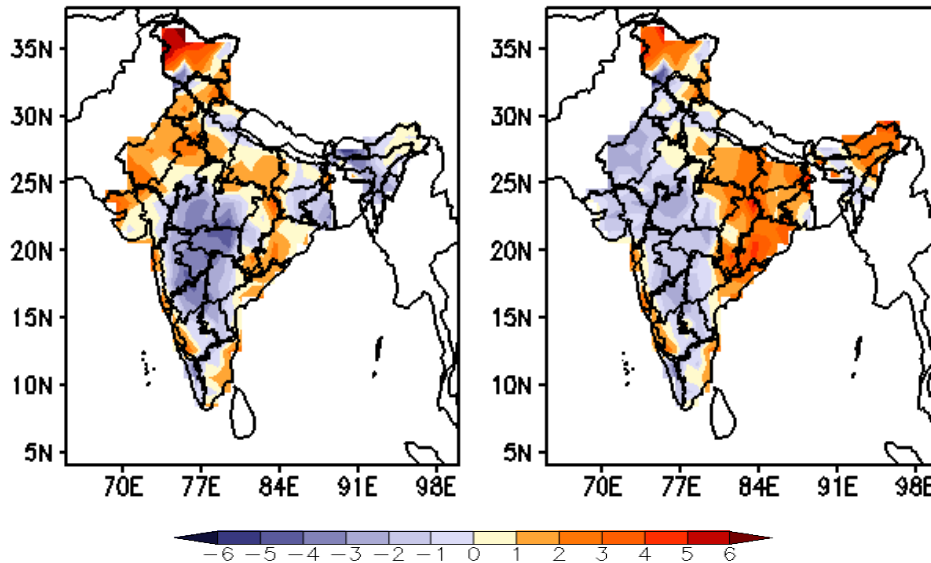
- **Week1(21.02.2025 to 27.02.2025):**Rainfall is likely to be above normal over Jammu & Kashmir, Himachal Pradesh and Gangetic West Bengal. Rainfall activity is also likely over Uttarakhand, Arunachal Pradesh, Odisha and Jharkhand.
- **Week 2 (28.02.2025 to 06.03.2025):**Rainfall is likely to be above normal over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, south Kerala and south Tamil Nadu. Rainfall activity is also likely over Punjab and Arunachal Pradesh.

**Maximum and Minimum temperature anomaly (°C) forecast
for the next 2 weeks (IC- 19thFebruary,2025)
(21st February to 06thMarch, 2025)**

MME forecast Tmax anomaly (Deg C)

(Week1: 21Feb–27Feb)

(Week2: 28Feb–06Mar)



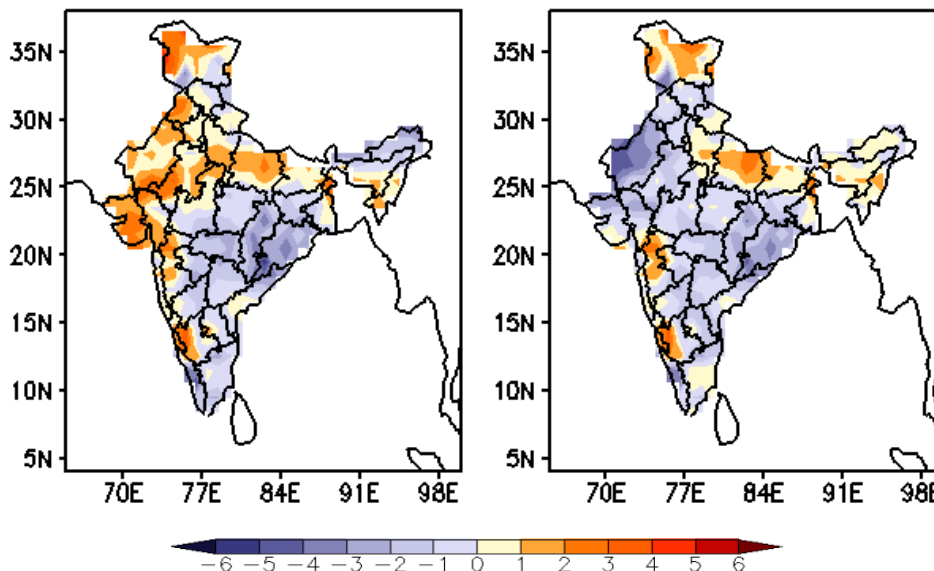
Maximum Temperature (Tmax)

- **Week 1 (21.02.2025 to 27.02.2025):** Maximum temperature is likely to be below normal over many parts of Central India and some parts of West India, Jharkhand, Gangetic West Bengal, Northeast India, Telangana, Rayalaseema, Interior Karnataka and Kerala. However, it is likely to be above normal over many parts of Northwest India, Gujarat, Odisha, Chhattisgarh, Coastal Andhra Pradesh, Tamil Nadu, Konkan-Goa and Coastal Karnataka.
- **Week 2 (28.02.2025 to 06.03.2025):** Maximum temperature is likely to be below normal over Rajasthan and many parts of Central India and West India. However, it is likely to be above normal over East India, Uttar Pradesh, Jammu & Kashmir, Chhattisgarh, Coastal Andhra Pradesh, coastal regions of Tamil Nadu, Konkan-Goa, Coastal Karnataka and many parts of Northeast India.

MME forecast Tmin anomaly (Deg C)

(Week1: 21Feb–27Feb)

(Week2: 28Feb–06Mar)



Minimum Temperature (Tmin)

- **Week 1 (21.02.2025 to 27.02.2025):** Minimum temperature is likely to be below normal over Central India and many parts of East India and South India. However, it is likely to be above normal over Gujarat, Northwest India and some parts of Northeast India, Madhya Maharashtra and Karnataka.
- **Week 2 (28.02.2025 to 06.03.2025):** Minimum temperature is likely to be below normal over many parts of Gujarat, Northwest India, Central India, East India and South India. However, it is likely to be above normal over Jammu & Kashmir, Uttar Pradesh, Bihar, Northeast India, Madhya Maharashtra and Karnataka.