

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



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



Date:04-02-2025

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	01.02.2025	02.02.2025	03.02.2025	04.02.2025
Rainfall (mm)	0	-	0	0
Max. Temp. (°C)	32.7	-	32.4	30.9
Min. Temp. (°C)	17.1	-	15.7	14.7
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	97		100	97
Relative humidity (%) 1730 hours	-	-	-	-
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 05-02-2024 to 09-02-2025)

Parameter	05.02.2025	06.02.2025	07.02.2025	08.02.2025	09.02.2025
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	31.9	31.9	31.7	32.1	32
Min. Temp. (°C)	15.9	16.1	15.8	15.6	15.9
Sky condition (Octas)	3	3	2	1	2
Relative humidity (%) 0830 hours	96	94	88	74	78
Relative humidity (%) 1730 hours	19	20	19	17	14
Wind Speed (kmph)	4.7	3.5	4.2	5.5	5.8
Wind Direction	67	66	70	67	68

Forecast Summary

As forecast received from IMD, cloudy sky with **no rainfall** may be expected from **05.02.2025 to 09.02.2025** in Kodagu district. The day temperature is expected to be 31.7-32°C & night temperature is expected 15.6°C to 16.1°C. The relative humidity in the morning hours is expected to be 74% to 96% & afternoon relative humidity is expected to be in the range of 14% to 20%. Wind speed expected to be 3.5-5.8 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"> • Coffee and Black Pepper: Continue harvesting mature coffee berries and black pepper. Dry the harvested produce under shade to maintain quality and avoid exposure to direct sunlight. • Cardamom: Complete the harvest of mature capsules. Ensure proper drying and storage to prevent fungal infections. • Arecanut and Coconut: Clear fallen nuts and apply organic mulch to conserve soil moisture. Begin preparations for basin formation and manuring. 			

Crop	Stage	Weather-Based Advisory
Paddy	Nursery preparation/transplanting	Ensure proper drainage in nurseries to avoid waterlogging. Prepare nursery beds in well-drained areas. Apply organic manure and start sowing seeds if the soil is sufficiently moist.
Maize	Vegetative stage	Monitor for early pest infestations due to humid conditions. Apply recommended fertilizers to support growth. Avoid excess irrigation since light rainfall is expected.
Ragi	Vegetative stage	Hand weed to remove weeds and conserve soil moisture. Apply fertilizers during early vegetative growth, depending on soil fertility.
Tomato	Fruit development	Protect fruits from fungal infections by ensuring good drainage. Spray copper-based fungicides if needed. Support plants to prevent lodging due to wet soil.
Brinjal	Flowering/fruiting stage	Stake the plants for support. Monitor for pests like fruit borers and apply biopesticides if required. Maintain proper soil moisture.
Beans	Vegetative/flowering stage	Regularly inspect for aphids and powdery mildew. Light rainfall will help; however, ensure good ventilation between plants.
Chilli	Flowering stage	Avoid excess irrigation. Provide staking to support the plants and reduce flower drop. Inspect for thrips and spray neem-based solutions if infestations are noted.
Cabbage	Head formation	Avoid waterlogging around the roots. Apply nitrogen-based fertilizers to support head formation. Monitor for pests like cabbage butterfly larvae.
Cauliflower	Head formation	Protect developing heads from excess moisture by gently tying leaves over the heads. Inspect for aphids and apply neem oil if required.
Coffee	Berry development (post-harvest maintenance)	Prune unnecessary branches to improve ventilation. Mulch around the plants to retain moisture. Monitor for berry borer and initiate control measures if detected.
Arecanut	Fruiting/maturity	Apply organic mulches to conserve soil moisture. Monitor for yellow leaf disease or bud rot and take preventive action.
Coconut	Nut development	Mulch the base of the trees to conserve moisture. Regularly inspect for pests like rhinoceros beetles and red palm weevils.
Pepper	Fruiting	Light pruning is recommended for good ventilation. Ensure proper drainage to avoid waterlogging around the roots. Monitor for fungal diseases like quick wilt.
Cardamom	Maintenance/post-harvest phase	Apply organic mulches to protect plants. Maintain adequate soil moisture but avoid waterlogging. Inspect for thrips and mites, and take action as needed.
Banana	Bunch development	Support plants with props to avoid lodging due to wet conditions. Maintain proper drainage. Apply potassium-based fertilizers to

		improve bunch quality.
Citrus fruits	Harvesting	Harvest fruits during dry intervals. Monitor for fruit fly damage and apply traps. Avoid moisture on harvested fruits to prevent fungal growth.
Sapota	Fruiting/harvest	Harvest mature fruits during dry periods. Apply organic mulches to conserve moisture. Monitor for pests like scale insects.
Guava	Fruiting	Protect fruits from fruit flies by using pheromone traps. Harvest fruits during dry periods to avoid fungal infection.
Ginger	Harvesting	Harvest when the soil is not too wet to prevent rhizome rotting. Dry harvested rhizomes under shade.
Turmeric	Harvesting	Harvest mature rhizomes during dry periods. Ensure proper drainage in the field to avoid waterlogging before harvest.

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 05-02-2025 to 09-02-2025)

Madikeri

Parameter	05.02.2025	06.02.2025	07.02.2025	08.02.2025	09.02.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	31.4	30.9	30.9	31.6	31.1
Min.Temp (°C)	15.7	15.9	16	16.2	16.4
Sky condition (Octas)	3	2	1	1	2
Relative humidity (%) 0830 hours	93.8	84.4	82	77.3	73.7
Relative humidity (%) 1730 hours	21.1	22.9	22.7	21.1	23.6
Wind Speed (kmph)	3.7	3.4	3.7	4.4	5.2
Wind Direction	60.9	58	60.9	55	65.2

Somvarpet

Parameter	05.02.2025	06.02.2025	07.02.2025	08.02.2025	09.02.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	31.4	30.7	30.9	31.2	30.9
Min.Temp (°C)	15.4	15.7	15.7	15.8	16

Sky condition (Octas)	3	1	1	1	1
Relative humidity (%) 0830 hours	91.6	79.5	82.1	78.7	79.3
Relative humidity (%) 1730 hours	22.2	23.5	23.4	23.1	27.3
Wind Speed (kmph)	5.1	4.3	5.1	5.1	6.2
Wind Direction	94.1	94.8	94.1	98.1	100

Virajpet					
Parameter	05.02.2025	06.02.2025	07.02.2025	08.02.2025	09.02.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	33.1	32.8	32.7	33.5	33.2
Min.Temp (°C)	17.5	17.2	16.9	16.7	17
Sky condition (Octas)	3	2	0	1	2
Relative humidity (%) 0830 hours	97	91.6	87.8	82.6	70.8
Relative humidity (%) 1730 hours	26.6	28.4	25.3	19.2	20.3
Wind Speed (kmph)	5.1	4.6	4.9	5.6	6.4
Wind Direction	50.7	51.3	54	50.2	51.8

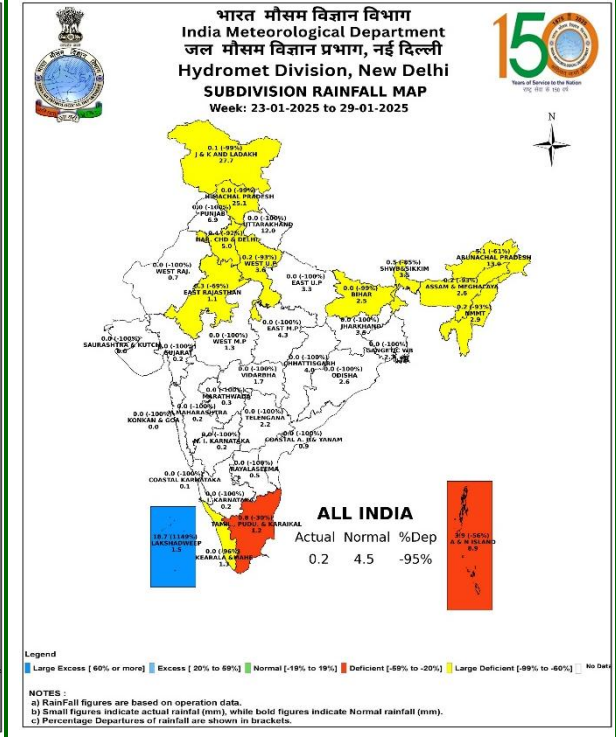
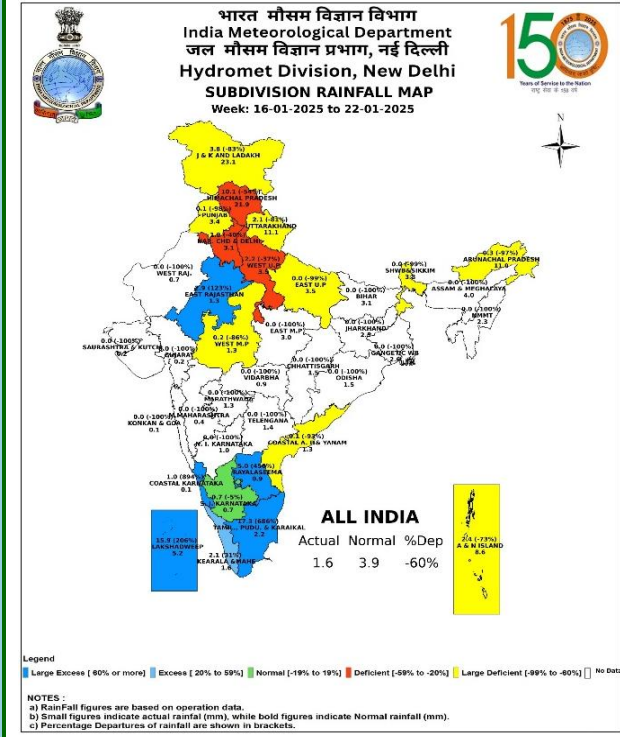
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download“**MAUSAM**”APP for location specific forecast & warning &“**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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

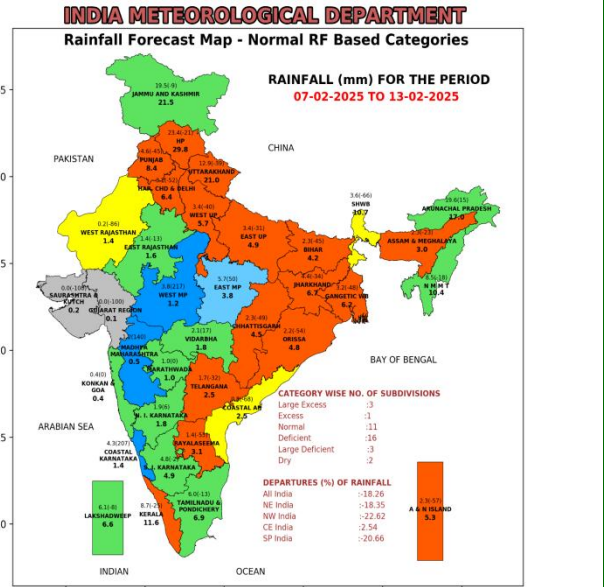
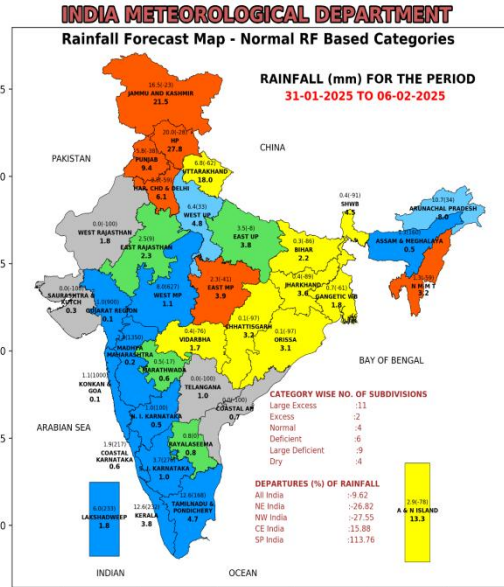
वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान
Realized Rainfall and Extended Range Forecast
 (वर्षा और तापमान)
 (Rainfall and Temperature)

Realized Rainfall
 (16th to 29th January, 2025)



Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 29thJanuary,2025) (31stJanuary to 13thFebruary, 2025)



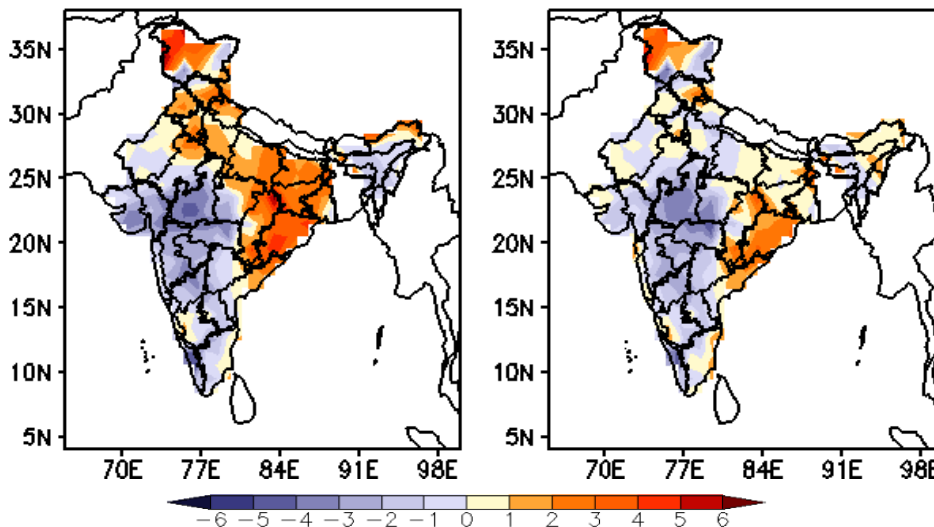
- **Week1(31.01.2025 to 06.02.2025):**Rainfall is likely to be above normal over West Madhya Pradesh and South Kerala. Rainfall activity is also likely over Jammu & Kashmir, Himachal Pradesh, Arunachal Pradesh and Tamil Nadu.
- **Week 2 (07.02.2025 to 13.02.2025):**Rainfall is likely to be normal or close to normal over Arunachal Pradesh, Kerala and Tamil Nadu. However, it is likely to be below normal over Jammu & Kashmir, Himachal Pradesh and Uttarakhand.

Maximum and Minimum temperature anomaly (°C) forecast for the next 2 weeks (IC- 29thJanuary,2025) (31stJanuary to 13thFebruary, 2025)

MME forecast Tmax anomaly (Deg C)

(Week1: 31Jan–06Feb)

(Week2: 07Feb–13Feb)



Maximum Temperature (Tmax)

- **Week 1 (31.01.2025 to 06.02.2025):**Maximum temperature is likely to be above normal

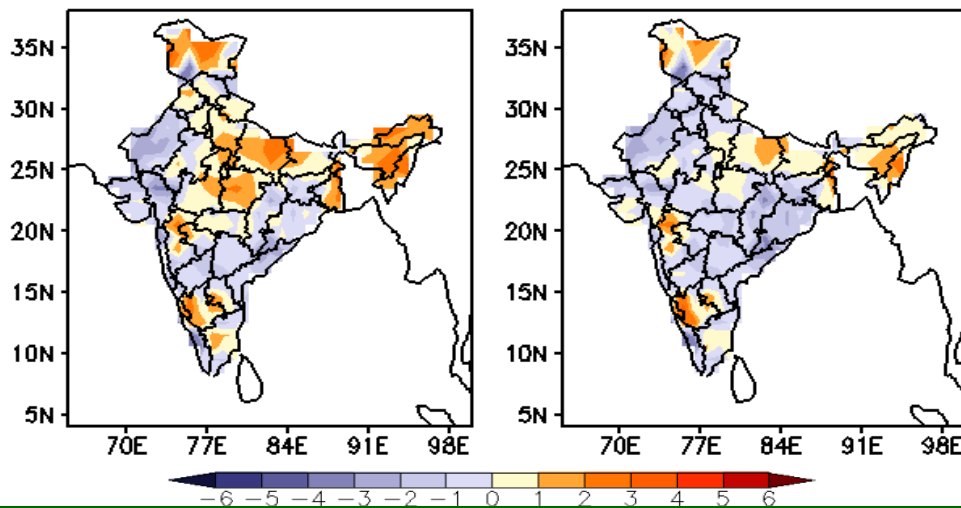
over East India, North West India, Chhattisgarh, northern parts of Coastal Andhra Pradesh and Arunachal Pradesh. However, it is likely to be below normal over West India, most parts of Central India, South India and some parts of North East India.

- **Week 2 (07.02.2025 to 13.02.2025):** Maximum temperature is likely to be above normal over many parts of East India & Chhattisgarh, parts of North West India and northern parts of Coastal Andhra Pradesh. However, it is likely to be below normal over many parts of West India, Central India, south India and some parts of North East India.

MME forecast Tmin anomaly (Deg C)

(Week1: 31Jan–06Feb)

(Week2: 07Feb–13Feb)



Minimum Temperature (Tmin)

- **Week 1 (31.01.2025 to 06.02.2025):** Minimum temperature is likely to be below normal over Odisha, Chhattisgarh, Jharkhand, West Rajasthan, many parts of West India & South India. However, it is likely to be above normal over North East India, many parts of Central India, North West India, Gangetic West Bengal, parts of South India, Madhya Maharashtra and Bihar.
- **Week 2 (07.02.2025 to 13.02.2025):** Minimum temperature is likely to be below normal over most parts of the country. It is likely to be above normal over parts of North East India, Gangetic West Bengal, Bihar, Uttar Pradesh, Jammu & Kashmir, Karnataka, Rayalaseema and Madhya Maharashtra.