

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



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



Date:25-03-2025

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	22.03.2025	23.03.2025	24.03.2025	25.03.2025
Rainfall (mm)	0	0	0	0
Max. Temp. (°C)	32.6	32.7	31.3	33.1
Min. Temp. (°C)	19.2	18.2	18.5	18.8
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	95	100	98	86
Relative humidity (%) 1730 hours	-	-	75	-
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 26-03-2024 to 30-03-2025)

Parameter	26.03.2025	27.03.2025	28.03.2025	29.03.2025	30.03.2025
Rainfall (mm)	6	2	0	0	0
Max. Temp. (°C)	33	33	33	34	34
Min. Temp. (°C)	19	19	20	20	20
Sky condition (Octas)	3	4	4	4	3
Relative humidity (%) 0830 hours	84	82	80	81	80
Relative humidity (%) 1730 hours	47	46	48	42	32
Wind Speed (kmph)	6	6	6	4	6
Wind Direction	63	90	90	346	90

Forecast Summary

As forecast received from IMD, cloudy sky with **no rainfall** may be expected from **26.03.2025 to 30.03.2025** in Kodagu district. The day temperature is expected to be 33-34°C & night temperature is expected 19-20°C. The relative humidity in the morning hours is expected to be 80-84% & afternoon relative humidity is expected to be in the range of 42-48%. Wind speed expected to be 8-4-6 km/ hr.

SMS Advisory

A forecasted temperature for the next five days is 32-33°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. Very light rainfall aids in minimizing heat-related damage for crops.

Recommendations to the farmers:-

Crop	Pest/Disease	Damage symptoms	Control measures
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General Advisory:

Since there is light rainfall for the next five days and coffee is in the flowering stage, provide **sprinkler irrigation** to maintain soil moisture and support proper flowering. Avoid excessive watering to prevent flower drop. Apply a **foliar spray of 2% urea or 0.5% boron (Borax)** to enhance flowering and fruit set. Mulching with organic matter like coffee husk will help retain soil moisture and reduce temperature stress.

Crop	Stage	Weather-Based Advisory
Paddy	Vegetative stage	Provide irrigation at regular intervals to maintain moisture. Monitor for stem borer and control weeds effectively.
Maize	Tasseling stage	Critical stage for grain formation; ensure adequate irrigation. Monitor for fall armyworm and use pheromone traps or biological control if needed.
Ragi	Vegetative stage	Maintain soil moisture with regular irrigation. Ensure weed control for better crop growth.
Tomato	Fruit development	Regular irrigation is essential to avoid fruit cracking. Protect fruits from sunburn using mulching. Monitor for fruit borer and powdery mildew.
Brinjal	Flowering/fruiting stage	Ensure continuous irrigation to prevent fruit drop. Watch for fruit and shoot borer; use pheromone traps or neem-based sprays.
Chilli	Flowering stage	Irrigate at regular intervals to support flowering. Monitor for thrips and mites; apply recommended bio-control measures.
Cabbage	Head formation	Maintain adequate soil moisture for proper head formation. Protect against pests like diamondback moth.
Cauliflower	Head formation	Regular irrigation is required for uniform head development. Keep an eye on aphids and whiteflies.
Coffee	Flowering stage	Use sprinkler irrigation to support flowering. Avoid moisture stress to ensure uniform flowering and fruit set.
Arecanut	Fruiting/maturity	Provide irrigation at 7-10 day intervals. Mulching helps conserve soil moisture. Monitor for nut pests like spindle bug.
Coconut	Nut development	Irrigate regularly to avoid nut drop. Apply organic mulching to retain moisture. Fertilizer application can be done based on soil test results.
Pepper	Fruiting	Maintain adequate soil moisture. Support vines with proper staking. Keep a check on pest infestations like pollu beetle.
Cardamom	Maintenance/post-harvest phase	Mulching is recommended to retain soil moisture. Monitor for pests like thrips and cardamom shoot borer.
Banana	Bunch development	Regular irrigation is crucial to support bunch growth. Apply potassium-rich fertilizers for better fruit development. Provide staking for support.
Sapota	Fruiting/harvest	Provide irrigation to maintain fruit quality. Ensure timely harvesting to avoid overripening.
Guava	Fruiting	Irrigation at regular intervals is required for fruit development. Monitor for fruit flies and take preventive measures.

Livestock, Poultry, and Sericulture Advisory (Very light 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 26-03-2025 to 30-03-2025)

Madikeri

Parameter	26.03.2025	27.03.2025	28.03.2025	29.03.2025	30.03.2025
Rainfall (mm)	5.3	12.9	0	0	0
Max. temp (°C)	30.7	29.6	29.9	31.2	31.1
Min.Temp (°C)	19.2	19.4	19.4	19.8	19.7
Sky condition (Octas)	3	4	3	4	2
Relative humidity (%) 0830 hours	88.4	88.9	93.1	90.4	88.7
Relative humidity (%) 1730 hours	44.5	46.2	47.6	43.4	39.9
Wind Speed (kmph)	1.1	0.8	1.8	2.6	0.5
Wind Direction	71.6	296.6	323.2	344.1	315

Somvarpet

Parameter	26.03.2025	27.03.2025	28.03.2025	29.03.2025	30.03.2025
Rainfall (mm)	2.9	8	0	0	0
Max. temp (°C)	31.2	30.5	30.6	31.6	31.9

Min.Temp (°C)	19.2	19.7	19.4	19.5	19.6
Sky condition (Octas)	3	5	3	4	2
Relative humidity (%) 0830 hours	86.7	87.6	92.7	89.9	88.7
Relative humidity (%) 1730 hours	39.7	40.3	43.4	40.1	35
Wind Speed (kmph)	1.1	0.5	2.3	1.3	0.4
Wind Direction	108.4	225	288.4	326.3	90

Virajpet					
Parameter	26.03.2025	27.03.2025	28.03.2025	29.03.2025	30.03.2025
Rainfall (mm)	4.3	9.2	0	0	0
Max. temp (°C)	31.8	31.2	31.6	33.2	32.9
Min.Temp (°C)	20.5	20.4	20.5	21	20.9
Sky condition (Octas)	4	4	4	4	3
Relative humidity (%) 0830 hours	91.3	90.9	91.7	91.9	89.9
Relative humidity (%) 1730 hours	46.1	46.3	47.5	44.1	39.8
Wind Speed (kmph)	1.8	1.5	1.6	2.3	1.5
Wind Direction	53.1	45	26.5	18.4	45

➤ 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

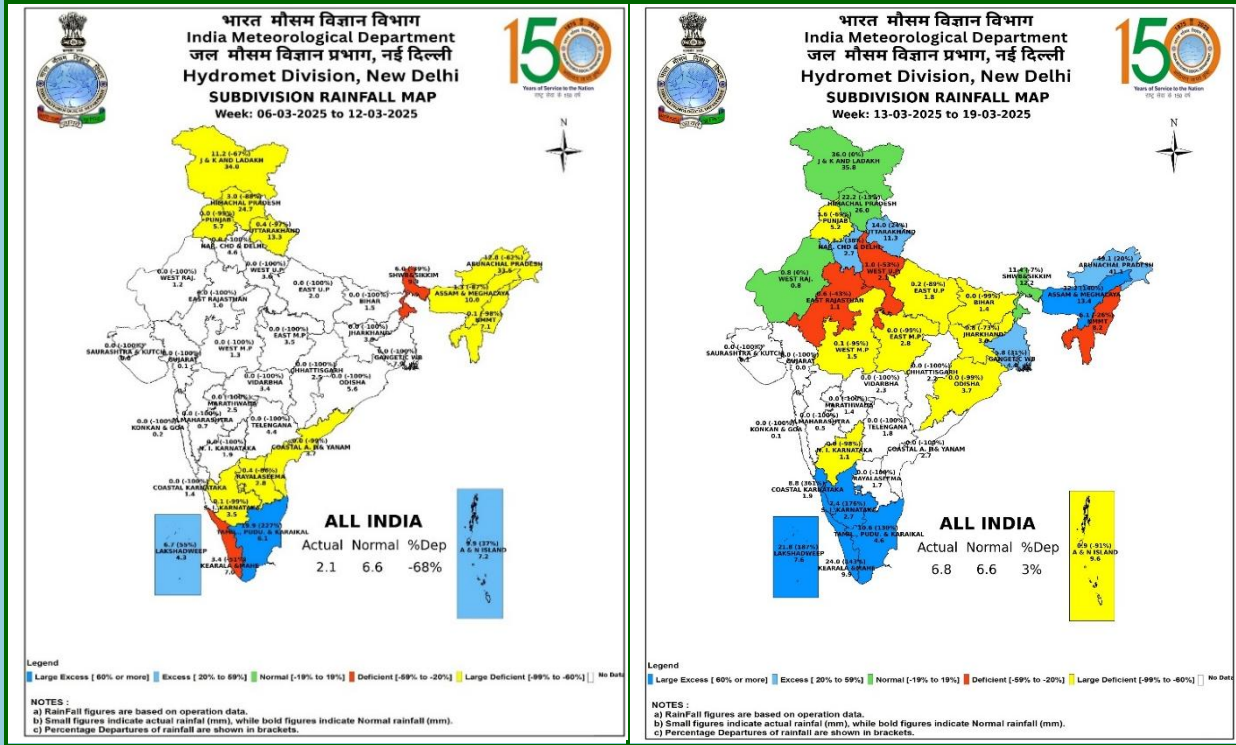
➤ This information is available in the website: mausam.imd.gov.in

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

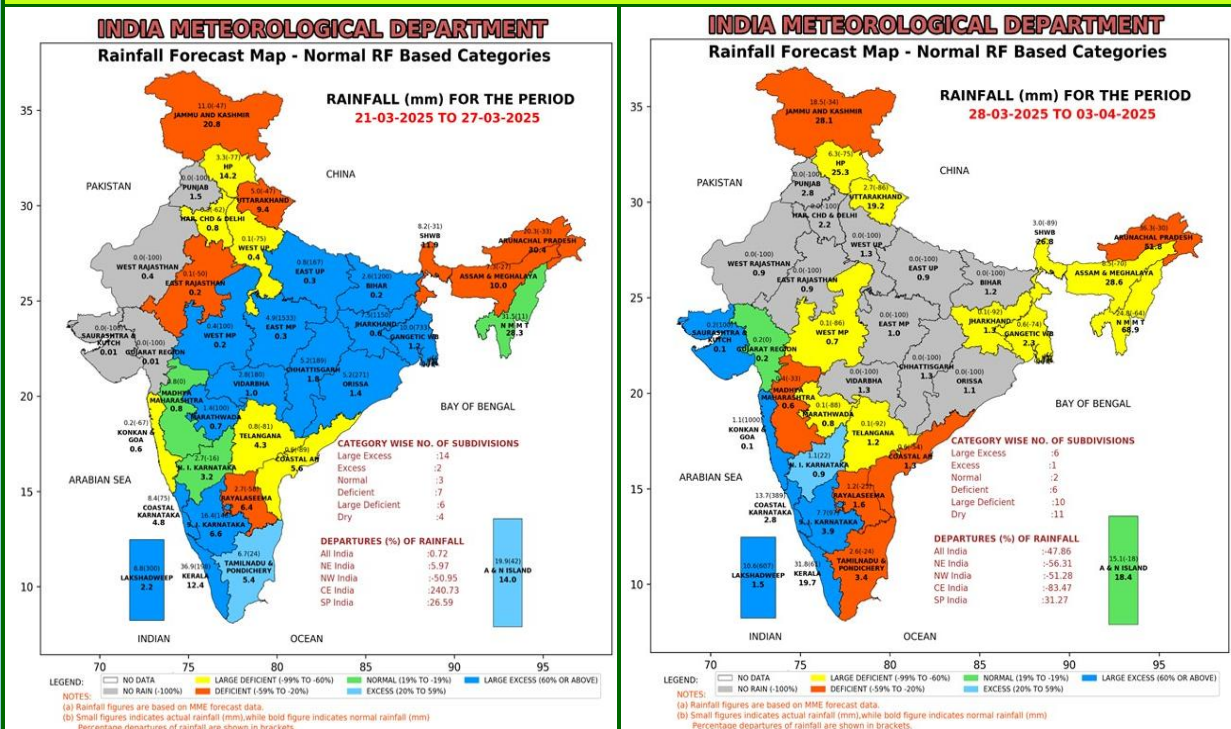
वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान
Realized Rainfall and Extended Range Forecast
 (वर्षा और तापमान)
 (Rainfall and Temperature)

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



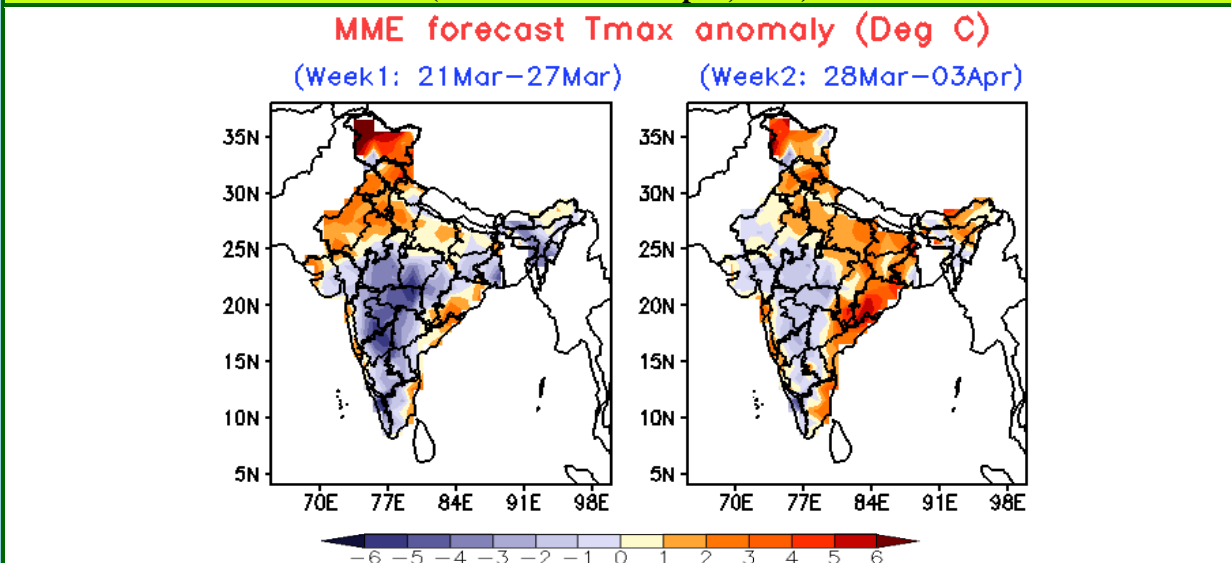
Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 19th March, 2025) (21st March to 03rd April, 2025)



- **Week 1 (21.03.2025 to 27.03.2025):** Rainfall is likely to be above normal over Kerala, Karnataka, Gangetic West Bengal and Jharkhand. Rainfall activity is also likely over many parts of East and North East India, Jammu & Kashmir, Himachal Pradesh, some parts of Tamil Nadu and Chhattisgarh.
- **Week 2 (28.03.2025 to 03.04.2025):** Rainfall is likely to be above normal over Kerala and Karnataka. Rainfall activity is also likely over North East India, Jammu & Kashmir and Himachal Pradesh.

Maximum and Minimum temperature anomaly (°C) forecast for the next 2 weeks (IC- 19th March, 2025) (21st March to 03rd April, 2025)

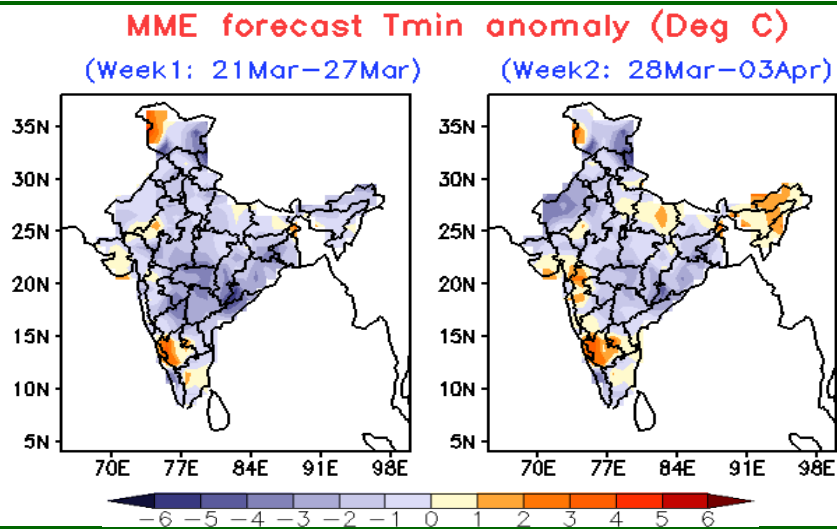


Maximum Temperature (Tmax)

- **Week 1 (21.03.2025 to 27.03.2025):** Maximum temperature is likely to be above normal

over North West India, Konkan-Goa, Odisha, coastal regions of Coastal Andhra Pradesh and Tamil Nadu. However, it is likely to be below normal over Central India, many parts of West India and South India.

- **Week 2 (28.03.2025 to 03.04.2025):** Maximum temperature is likely to be above normal over North West India, East India, North East India, Konkan-Goa, Chhattisgarh, Coastal Andhra Pradesh and Tamil Nadu. However, it is likely to be below normal over many parts of Central India and parts of South India.



Minimum Temperature (Tmin)

- **Week 1 (21.03.2025 to 27.03.2025):** Minimum temperature is likely to be below normal over most parts of the country and below normal over parts of Karnataka.
- **Week 2 (28.03.2025 to 03.04.2025):** Minimum temperature is likely to be below normal over many parts of the country. However, it is likely to be above normal over North East India and parts of East Uttar Pradesh, Madhya Maharashtra, Karnataka and Gujarat.