

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



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



Date:28-03-2025

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	25.03.2025	26.03.2025	27.03.2025	28.03.2025
Rainfall (mm)	0	0	0	0.5
Max. Temp. (°C)	33.1	31.9	32	32.1
Min. Temp. (°C)	18.8	20.7	19.6	19.9
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	86	99	89	100
Relative humidity (%) 1730 hours	-	-	-	-
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 29-03-2025 to 02-04-2025)

Parameter	29.03.2025	30.03.2025	31.03.2025	01.04.2025	02.04.2025
Rainfall (mm)	2	0	4	5	5
Max. Temp. (°C)	32	32	33	33	33
Min. Temp. (°C)	20	20	20	21	21
Sky condition (Octas)	3	3	2	2	4
Relative humidity (%) 0830 hours	93	90	89	86	89
Relative humidity (%) 1730 hours	43	39	35	35	29
Wind Speed (kmph)	8	8	8	14	12
Wind Direction	45	334	200	117	198

Forecast Summary

As forecast received from IMD, cloudy sky with **light rainfall** may be expected from **29.03.2025 to 02.04.2025** in Kodagu district. The day temperature is expected to be 32-33°C & night temperature is expected 20-21°C. The relative humidity in the morning hours is expected to be 86-93% & afternoon relative humidity is expected to be in the range of 29-43%. Wind speed expected to be 8-14 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
General Advisory:			
<p>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.</p>			

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 29-03-2025 to 02-04-2025)					
Madikeri					
Parameter	29.03.2025	30.03.2025	31.03.2025	01.04.2025	02.04.2025
Rainfall (mm)	3.3	0	2.7	3.9	4.8
Max. temp (°C)	31.9	30.8	31.9	31	30.2
Min.Temp (°C)	19.5	19.7	19.4	19.6	19.7
Sky condition (Octas)	3	3	1	3	3
Relative humidity (%) 0830 hours	93.6	91.6	89.9	85.4	89.7
Relative humidity (%) 1730 hours	39.8	43.7	36.2	39	42.4
Wind Speed (kmph)	1.3	0.7	0.4	0.8	2.2
Wind Direction	33.7	200	200	206.5	90

Somvarpet					
Parameter	29.03.2025	30.03.2025	31.03.2025	01.04.2025	02.04.2025
Rainfall (mm)	0.6	0	1.2	1.3	2.4
Max. temp (°C)	32.5	32.1	33.2	32.2	31.6

Min.Temp (°C)	19.4	19.8	19.5	19.5	19.2
Sky condition (Octas)	3	3	2	3	4
Relative humidity (%) 0830 hours	93.8	89.7	88.1	84.8	91.6
Relative humidity (%) 1730 hours	33.2	36.4	29.3	32.1	35
Wind Speed (kmph)	1.1	0.8	0.7	0.8	1.5
Wind Direction	200	206.5	90	153.5	166

Virajpet					
Parameter	29.03.2025	30.03.2025	31.03.2025	01.04.2025	02.04.2025
Rainfall (mm)	2.6	0	1.6	2.5	3.7
Max. temp (°C)	33.6	32.2	33.5	32.2	31.2
Min.Temp (°C)	20.7	20.8	20.7	20.9	20.7
Sky condition (Octas)	3	3	1	3	3
Relative humidity (%) 0830 hours	94.4	91.9	90.5	88.5	91.2
Relative humidity (%) 1730 hours	42.7	42.8	35.9	38.9	44.2
Wind Speed (kmph)	2.5	0.5	1.3	0.7	1.6
Wind Direction	45	45	33.7	200	153.5

- 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

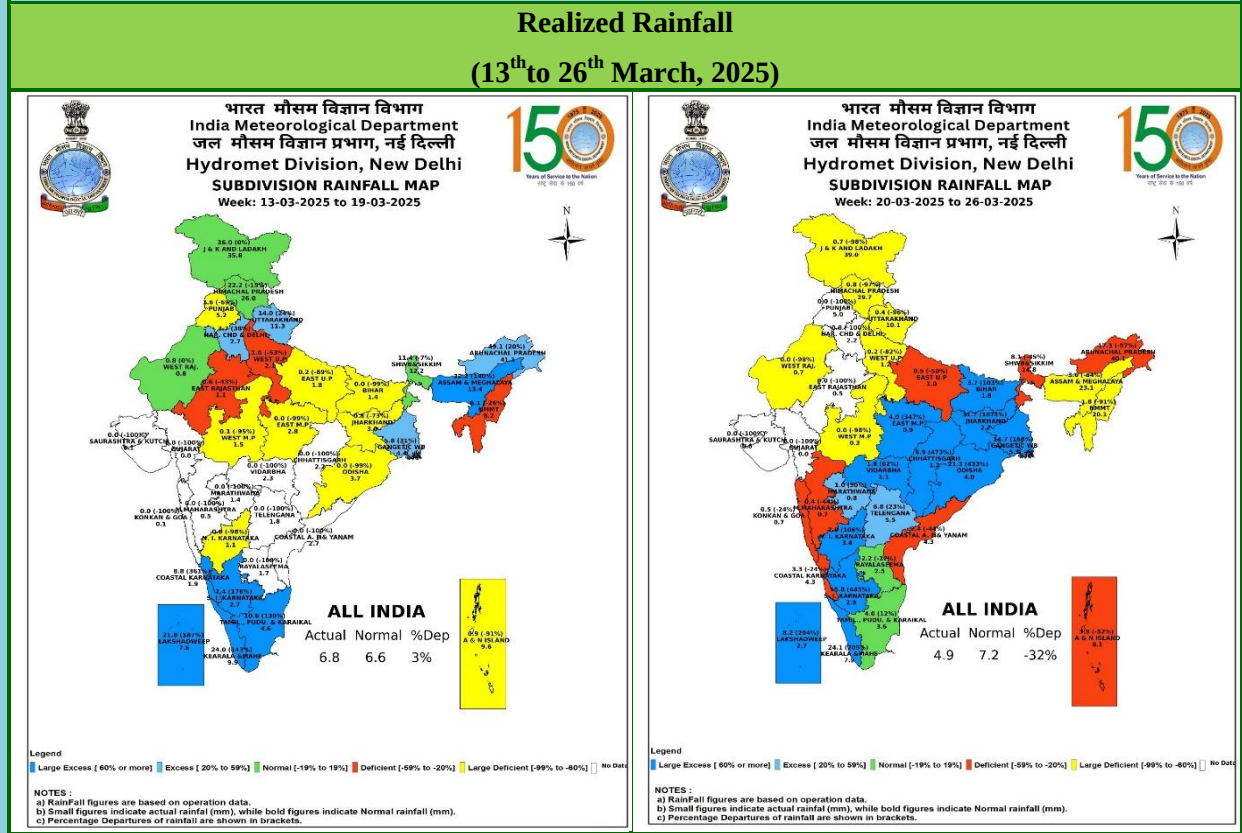
For any information farmers can contact **Dr. C. Ramachandra**, Senior Farm Superintendent/ **Dr. SumanthKumar.G.V**, Technical officer over phone No. 0821-259126/ 9535345814

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

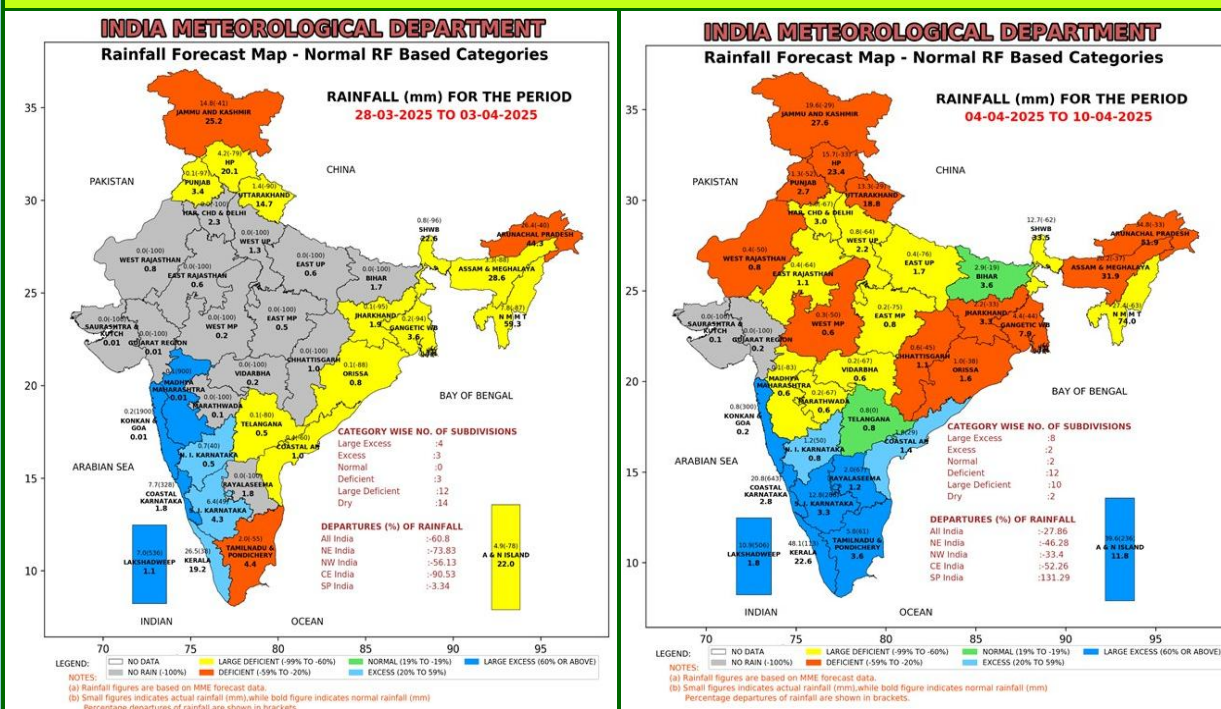
(13th to 26th March, 2025)



Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 26thMarch,2025)

(28thMarch to 10thApril, 2025)



- Week1(28.03.2025 to 03.04.2025):**Rainfall is likely to be above normal over coastal regions of Kerala and Karnataka. Rainfall activity is also likely over Jammu & Kashmir and many parts of North East India.
- Week 2 (04.03.2025 to 10.04.2025):**Rainfall is likely to be above normal over Kerala and South Karnataka. Rainfall activity is also likely over Jammu & Kashmir, Himachal Pradesh, Uttarakhand and North East India.

Maximum and Minimum temperature anomaly (°C) forecast

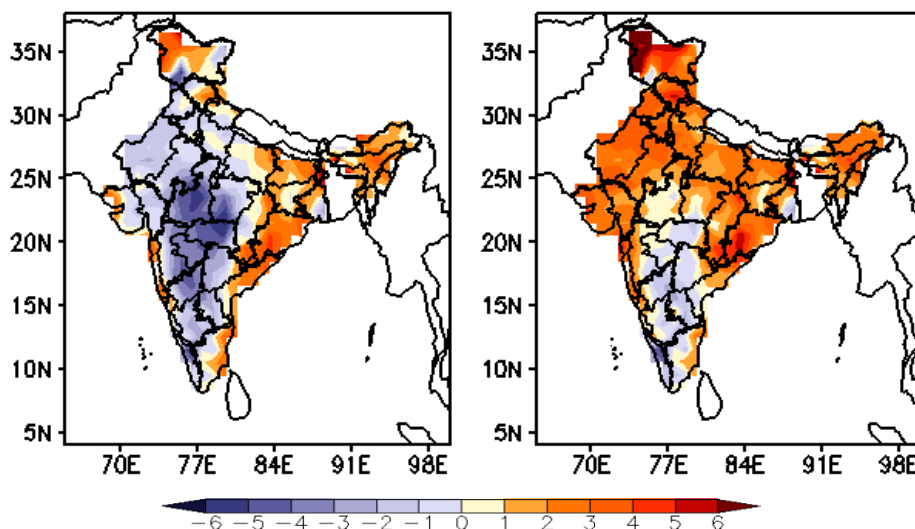
for the next 2 weeks (IC- 26thMarch,2025)

(28thMarch to 10thApril, 2025)

MME forecast Tmax anomaly (Deg C)

(Week1: 28Mar-03Apr)

(Week2: 04Apr-10Apr)



Maximum Temperature (Tmax)

- Week 1 (28.03.2025 to 03.04.2025):** Maximum temperature is likely to be above normal

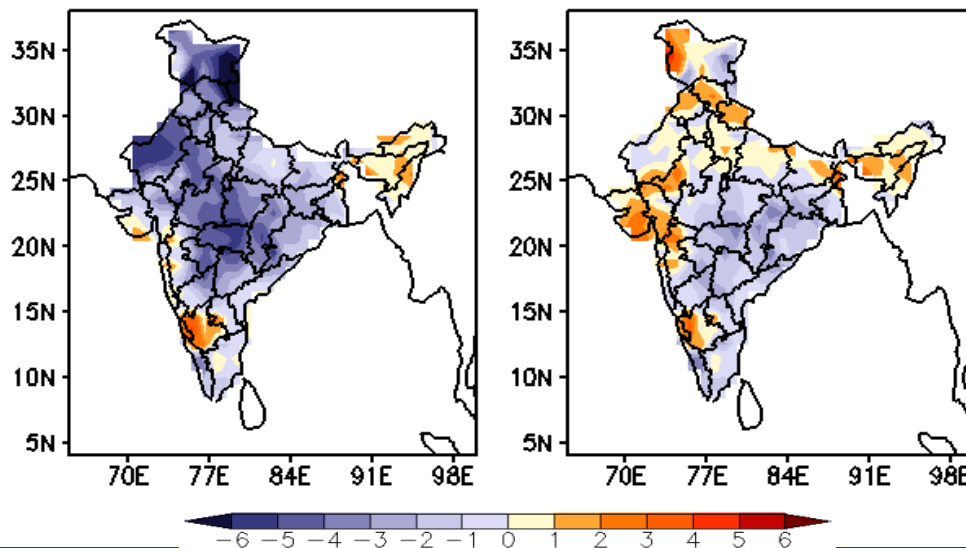
over East India, North East India, Jammu & Kashmir, Konkan-Goa, Coastal Andhra Pradesh and parts of Himachal Pradesh, East Uttar Pradesh, Chhattisgarh and Tamil Nadu. However, it is likely to be below normal over Rajasthan and many parts of Central India, West India and South India.

- **Week 2 (04.03.2025 to 10.04.2025):** Maximum temperature is likely to be above normal over many parts of the country. However, it is likely to be below normal over Vidarbha, Marathwada and many parts of South India.

MME forecast Tmin anomaly (Deg C)

(Week1: 28Mar–03Apr)

(Week2: 04Apr–10Apr)



Minimum Temperature (Tmin)

- **Week 1 (28.03.2025 to 03.04.2025):** Minimum temperature is likely to be below normal over most parts of the country and above normal over North East India and Karnataka.
- **Week 2 (04.03.2025 to 10.04.2025):** Minimum temperature is likely to be below normal over many parts of Central India, East India and South India. However, it is likely to be above normal over many parts of North West India, North East India, Bihar, Gujarat, Madhya Maharashtra and Karnataka.