

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



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



Date:21-03-2025

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	18.03.2025	19.03.2025	20.03.2025	21.03.2025
Rainfall (mm)	0	0	0	0
Max. Temp. (°C)	32.6	32.1	34.7	34.3
Min. Temp. (°C)	18.6	19.8	20.7	20.9
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	100	99	100	98
Relative humidity (%) 1730 hours	-	-	-	-
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 22-03-2024 to 26-03-2025)

Parameter	22.03.2025	23.03.2025	24.03.2025	25.03.2025	26.03.2025
Rainfall (mm)	3	4	5	4	4
Max. Temp. (°C)	33	33	33	32	32
Min. Temp. (°C)	21	21	21	20	20
Sky condition (Octas)	4	5	4	4	5
Relative humidity (%) 0830 hours	89	89	91	88	87
Relative humidity (%) 1730 hours	42	41	47	44	37
Wind Speed (kmph)	8	14	14	10	10
Wind Direction	160	63	72	27	160

Forecast Summary

As forecast received from IMD, cloudy sky with **light rainfall** may be expected from **22.03.2025 to 26.03.2025** 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 87-91% & afternoon relative humidity is expected to be in the range of 37-47%. 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
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General Advisory:

Since there is no 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	Nursery preparation/transplanting	Light rainfall: despite of very light rainfall ensure adequate irrigation for nursery. Maintain proper moisture for seedling growth.
Maize	Tasseling stage	Light rainfall; aids in preventing water stress. Mulching is recommended to conserve soil moisture. Monitor for fall armyworm.
Ragi	Vegetative stage	Light rainfall reduces moisture loss.
Tomato	Fruit development	Light rainfall: Install mulch to maintain soil moisture. Protect from fruit borers and powdery mildew.
Brinjal	Flowering/fruiting stage	Light rainfall: avoids flower drop. Monitor for sucking pests like whiteflies and mites.
Chilli	Flowering stage	Light rainfall: despite irrigate regularly to avoid flower drop. Monitor for thrips and mites due to dry conditions.
Cabbage	Head formation	Light rainfall: Regularly check for diamondback moth infestation.
Cauliflower	Head formation	Light rainfall: keeps the soil moist for better head development. Monitor for aphids and caterpillars.
Coffee	Berry development (post-harvest maintenance)	Light rainfall: provides protective irrigation. Mulching and shade tree management are recommended. Avoid excessive pruning.
Arecanut	Fruiting/maturity	Light rainfall: supports nut filling. Irrigate at 10-15 days interval. Protect from mites and spindle bug infestations.
Coconut	Nut development	Light rainfall: apply irrigation to prevent nut drop. Use organic mulches to retain soil moisture. Keep palms free from rugose whitefly.
Pepper	Fruiting	Light rainfall: maintain soil moisture through light irrigation. Provide shade and mulch. Check for pollu beetle infestations.
Cardamom	Maintenance/post-harvest phase	Light rainfall: helps in moisture retention through mulching. Maintain shade trees.
Banana	Bunch development	Light rainfall: avoids fruit shrinkage. Provide propping support to avoid lodging due to dry winds.
Sapota	Fruiting/harvest	Light rainfall: is essential in maintaining fruit quality. Timely harvesting is advised to prevent fruit cracking.
Guava	Fruiting	Light rainfall; aids to maintain fruit size and quality. Mulching can be beneficial.

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 22-03-2025 to 26-03-2025)					
Madikeri					
Parameter	22.03.2025	23.03.2025	24.03.2025	25.03.2025	26.03.2025
Rainfall (mm)	4.8	7.8	12.8	6.2	7
Max. temp (°C)	30.9	30.8	29.4	30.6	30.5
Min.Temp (°C)	19.8	19.4	19.4	19.2	18.9
Sky condition (Octas)	2	1	1	2	2
Relative humidity (%) 0830 hours	90.5	87.7	89.6	86.4	88.2
Relative humidity (%) 1730 hours	42.5	44.5	51.2	46.9	45.1
Wind Speed (kmph)	0.5	0	1.5	1.4	0
Wind Direction	45	160	14	90	160

Somvarpet					
Parameter	22.03.2025	23.03.2025	24.03.2025	25.03.2025	26.03.2025
Rainfall (mm)	2.4	4.1	7.4	3.4	3.6
Max. temp (°C)	31.5	31.2	30.7	31.4	30.9

Min.Temp (°C)	19.5	19.1	19.2	18.9	18.8
Sky condition (Octas)	2	1	2	2	2
Relative humidity (%) 0830 hours	90	87.1	87.3	84.3	85.3
Relative humidity (%) 1730 hours	37.5	40.6	42.4	40.4	39.5
Wind Speed (kmph)	0.4	1	0.7	0.7	0.4
Wind Direction	160	135	160	90	90

Virajpet

Parameter	22.03.2025	23.03.2025	24.03.2025	25.03.2025	26.03.2025
Rainfall (mm)	3	4.5	7.4	2.8	4.9
Max. temp (°C)	32.6	32.1	31.2	32.7	32.2
Min.Temp (°C)	21	20.6	20.5	20.5	20.4
Sky condition (Octas)	4	1	1	1	1
Relative humidity (%) 0830 hours	92.6	92.3	92.5	90.9	92.4
Relative humidity (%) 1730 hours	42.6	44.9	47.7	45.2	45.9
Wind Speed (kmph)	1.3	0.8	2.5	1.6	0.8
Wind Direction	56.3	63.4	45	26.5	26.5

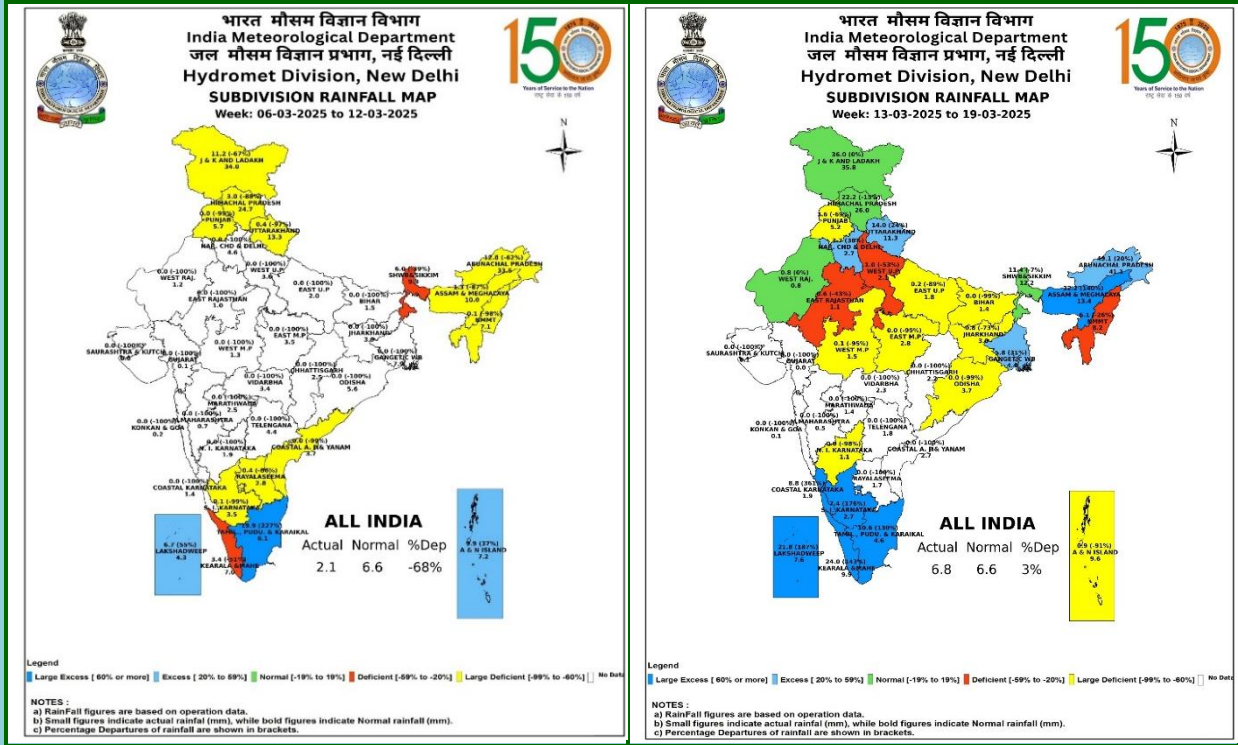
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download“**MAUSAM**”APP for location specific forecast & warning &“**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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

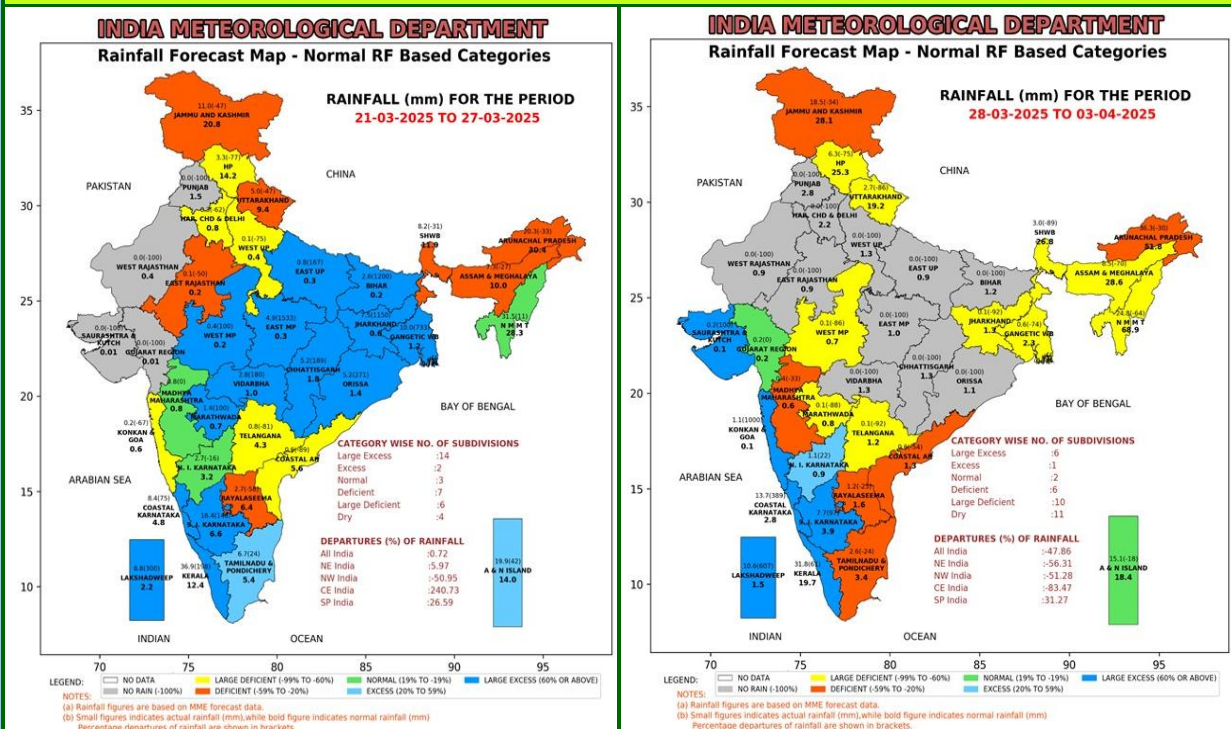
वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान
Realized Rainfall and Extended Range Forecast
 (वर्षा और तापमान)
 (Rainfall and Temperature)

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



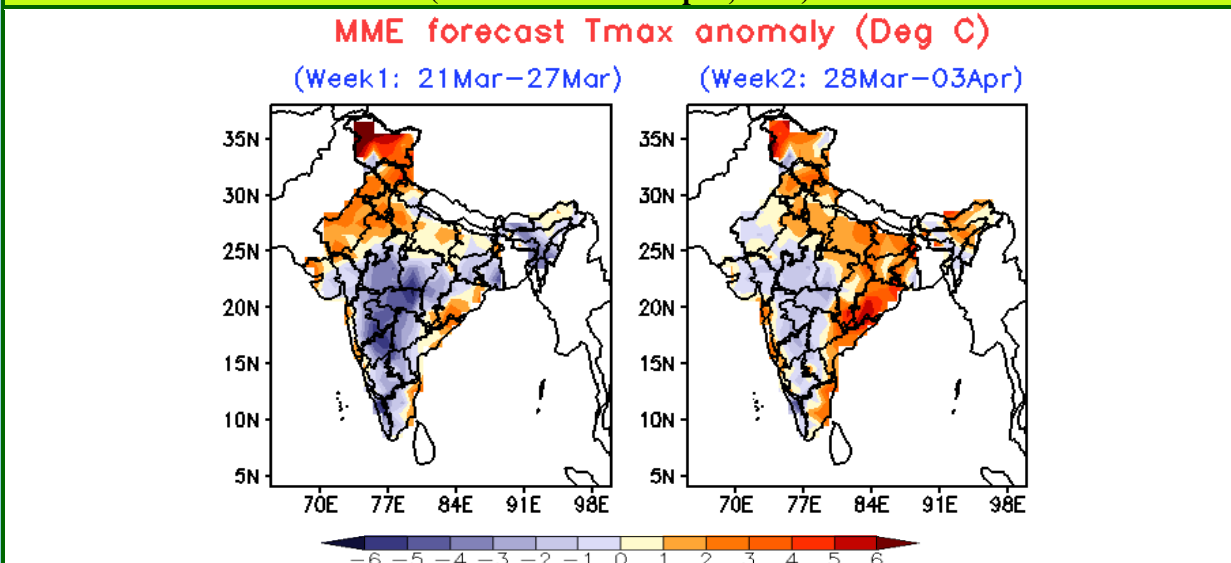
Extended Range Forecast System

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)

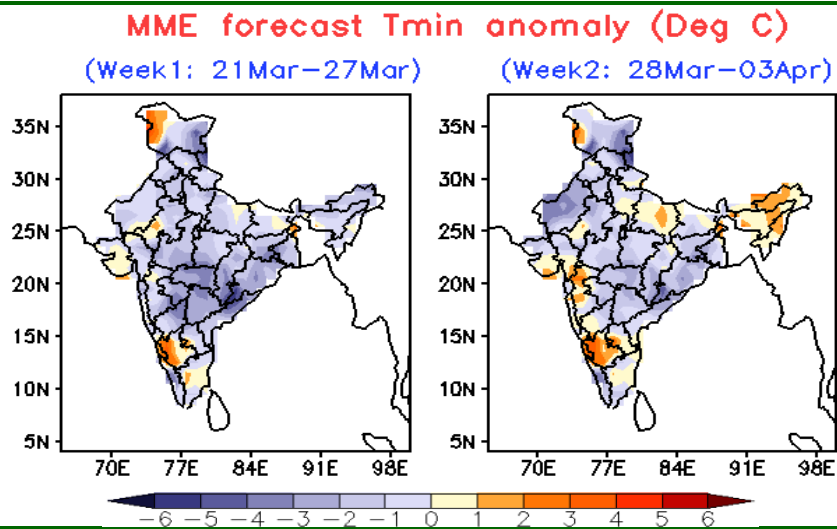


Maximum Temperature (Tmax)

- **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.