

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



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



Date:07-03-2025

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	04.03.2025	05.03.2025	06.03.2025	07.03.2025
Rainfall (mm)	0	0	0	0
Max. Temp. (°C)	32.3	33.5	34.9	33.7
Min. Temp. (°C)	18.6	16.3	17.9	18.3
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	100	80	100	100
Relative humidity (%) 1730 hours	36	20	70	59
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 08-03-2024 to 12-03-2025)

Parameter	08.03.2025	09.03.2025	10.03.2025	11.03.2025	12.03.2025
Rainfall (mm)	0	0	0	0	2
Max. Temp. (°C)	34	34	34	34	34
Min. Temp. (°C)	18	18	18	18	18
Sky condition (Octas)	3	3	1	1	2
Relative humidity (%) 0830 hours	94	94	91	86	88
Relative humidity (%) 1730 hours	55	50	52	53	50
Wind Speed (kmph)	8	8	8	6	8
Wind Direction	104	117	110	76	75

Forecast Summary

As forecast received from IMD, cloudy sky with **no rainfall** may be expected from **08.03.2025 to 12.03.2025** in Kodagu district. The day temperature is expected to be 34°C & night temperature is expected 18°C. The relative humidity in the morning hours is expected to be 86% to 94% & afternoon relative humidity is expected to be in the range of 50% to 55%. Wind speed expected to be 6-8 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 07-03-2025 to 12-03-2025)					
Madikeri					
Parameter	08.03.2025	09.03.2025	10.03.2025	11.03.2025	12.03.2025
Rainfall (mm)	0	0	0	0	2.5
Max. temp (°C)	34.4	34.4	34.9	34.2	33.9
Min.Temp (°C)	18.2	17.6	18	18.7	19.1
Sky condition (Octas)	94.6	93.6	90.6	74.9	87.8
Relative humidity (%) 0830 hours	23.6	19.3	19	22.5	28.1
Relative humidity (%) 1730 hours	3	3	1	2	4
Wind Speed (kmph)	1.9	1.3	2.2	4.6	7
Wind Direction	68.2	56.3	80.5	71.6	68.7

Somvarpet

Parameter	08.03.2025	09.03.2025	10.03.2025	11.03.2025	12.03.2025
Rainfall (mm)	0	0	0	0	1.5
Max. temp (°C)	34.5	34	34.5	33.9	33.6
Min.Temp (°C)	17.9	17.2	17.4	18.2	18.5
Sky condition (Octas)	93.9	93.7	87.7	76.9	87.5
Relative humidity (%) 0830 hours	19	17.1	17.5	22.2	27.3
Relative humidity (%) 1730 hours	4	3	1	2	4
Wind Speed (kmph)	2.5	1.6	3.7	5.8	7.2
Wind Direction	81.9	116.6	119.1	97.1	92.9

Virajpet

Parameter	08.03.2025	09.03.2025	10.03.2025	11.03.2025	12.03.2025
Rainfall (mm)	0	0	0	0	2.2
Max. temp (°C)	35	35.5	36.1	36	35.1
Min.Temp (°C)	19.7	18.9	19.2	19.1	20.1
Sky condition (Octas)	96.5	94.6	92	77.5	87.5
Relative humidity (%) 0830 hours	31.2	29.4	23.1	27	33
Relative humidity (%) 1730 hours	3	3	1	2	4
Wind Speed (kmph)	2.6	2.6	3.1	5.2	7.3
Wind Direction	56.3	56.3	54.4	56.3	57.1

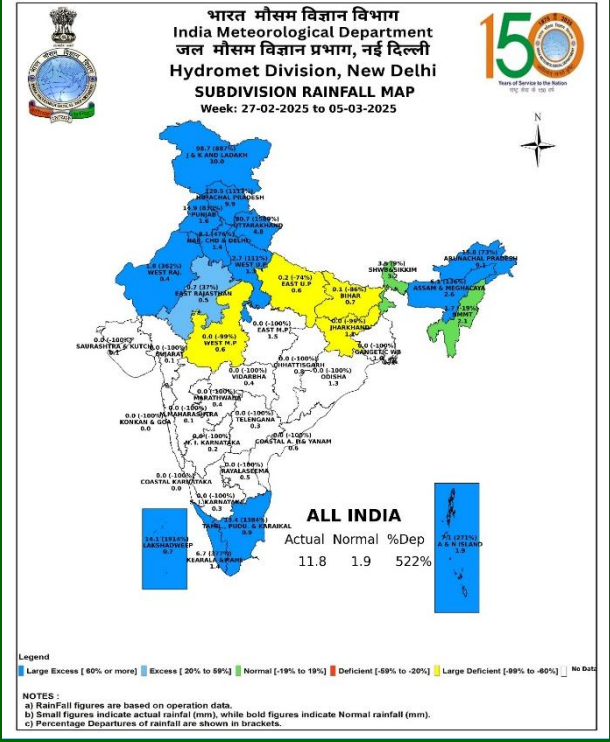
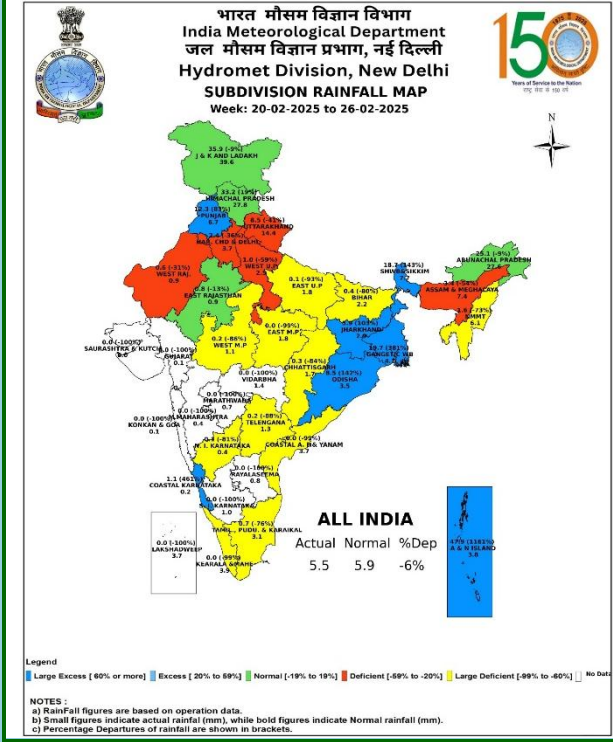
- Download “DAMINI” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “MAUSAM” APP for location specific forecast & warning & “MEGHDOOT” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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

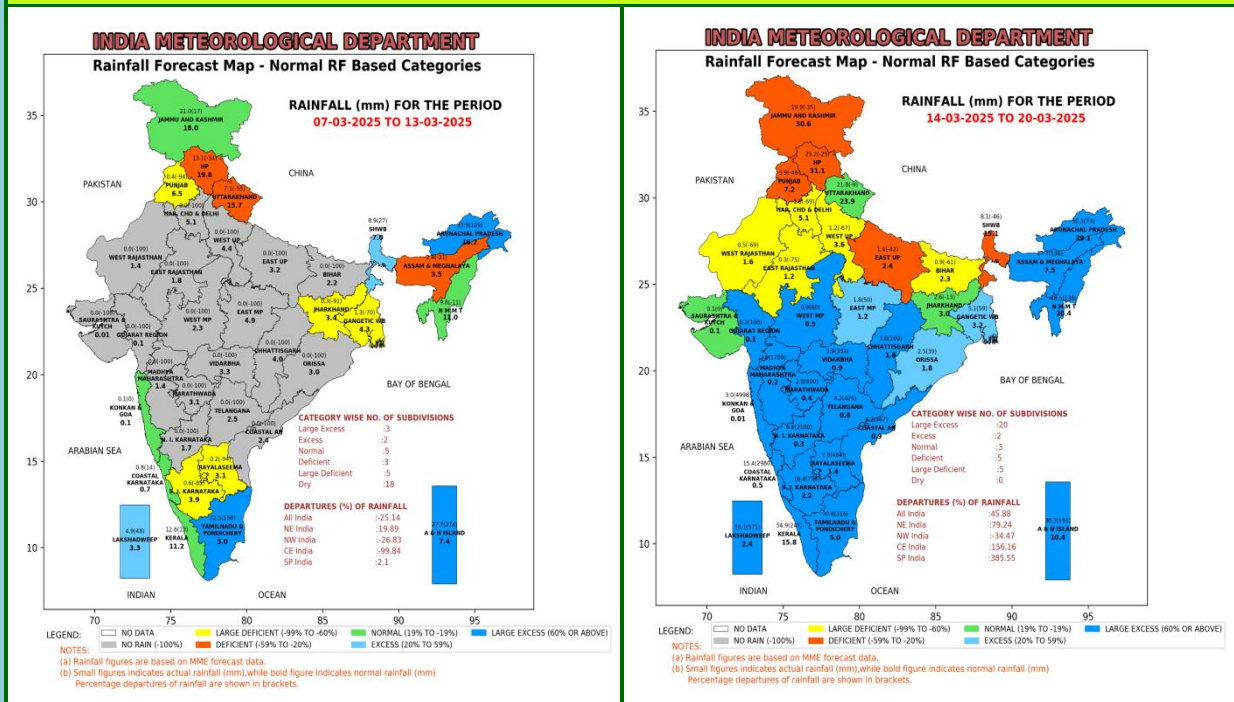
वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान
Realized Rainfall and Extended Range Forecast
 (वर्षा और तापमान)
 (Rainfall and Temperature)

Realized Rainfall
 (20th February to 05th March, 2025)



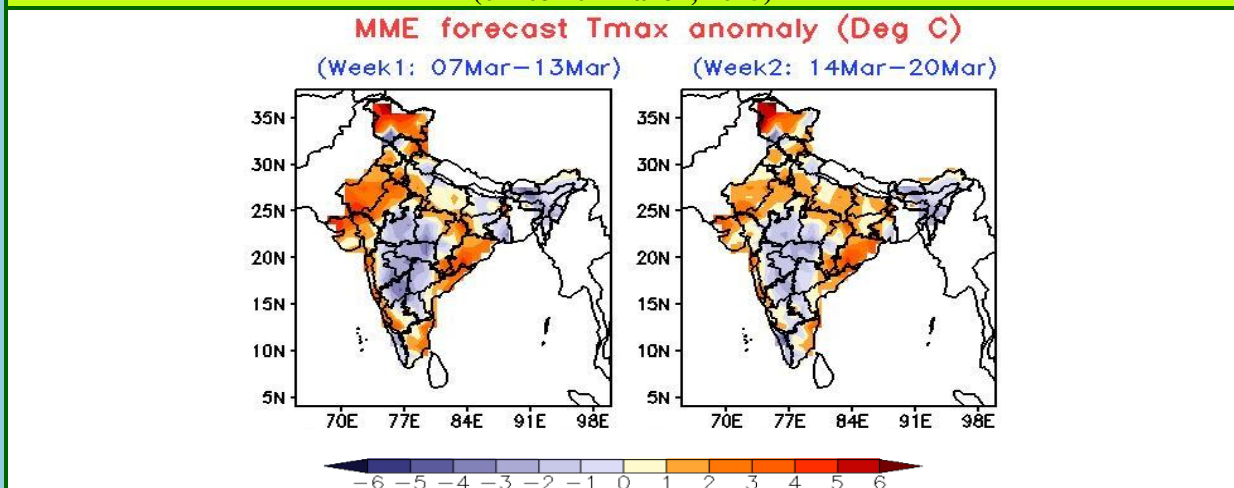
Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 05thMarch,2025) (07thto 20thMarch, 2025)



- **Week1(07.03.2025 to 13.03.2025):**Rainfall is likely to be above normal over Arunachal Pradesh. Rainfall activity is also likely over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Nagaland Manipur Mizoram & Tripura and Kerala.
- **Week 2 (14.03.2025 to 20.03.2025):**Rainfall is likely to be above normal over North East India, Kerala, Tamil Nadu and Karnataka. Rainfall activity is also likely over Jammu & Kashmir, Himachal Pradesh and Uttarakhand.

Maximum and Minimum temperature anomaly (°C) forecast for the next 2 weeks (IC- 05thMarch,2025) (07thto 20thMarch, 2025)

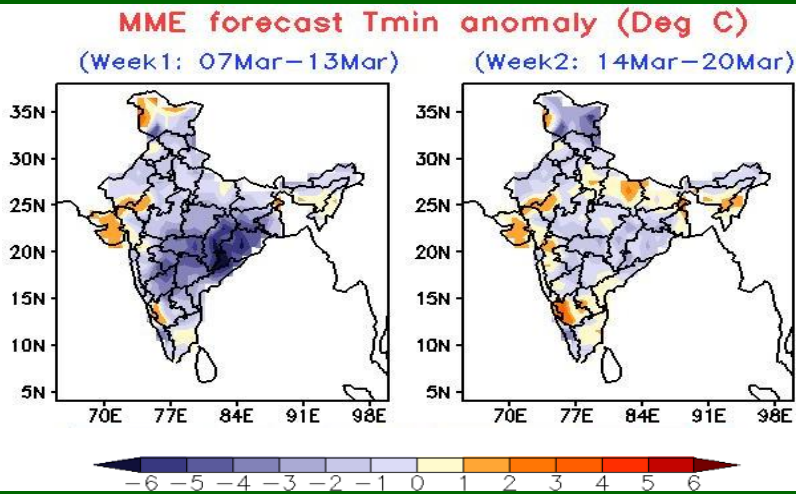


Maximum Temperature (Tmax)

- **Week 1 (07.03.2025 to 13.03.2025):** Maximum temperature is likely to be above normal over Odisha, Gujarat, Konkan-Goa, many parts of North West India, Chhattisgarh and parts of South India. However, it is likely to be below normal over many parts of Central India, North East India, Interior Maharashtra, Telangana, Rayalaseema and North Interior

Karnataka.

- **Week 2 (14.03.2025 to 20.03.2025):** Maximum temperature is likely to be above normal over many parts of North West India, East India, Gujarat, Konkan-Goa, Chhattisgarh and parts of South India. However, it is likely to be below normal over Central India, North East India, Interior Maharashtra and Telangana, Rayalaseema and North Interior Karnataka.



Minimum Temperature (Tmin)

- **Week 1 (07.03.2025 to 13.03.2025):** Minimum temperature is likely to be below normal over most parts of the country. However, it is likely to be above normal over Gujarat, some parts of Karnataka and Rajasthan.
- **Week 2 (14.03.2025 to 20.03.2025):** Minimum temperature is likely to be below normal over Central India, Odisha, Telangana, Kerala and many parts of North West India. However, it is likely to be above normal over Gujarat, Madhya Maharashtra; many parts of North East India & South India; parts of Uttar Pradesh, Bihar and Rajasthan.