

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



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



Date:04-03-2025

**AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

**Past Weather Data**

<b>Parameter</b>	<b>01.03.2025</b>	<b>02.03.2025</b>	<b>03.03.2025</b>	<b>04.03.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0
<b>Max. Temp. (°C)</b>	33.1	33.1	33.5	32.3
<b>Min. Temp. (°C)</b>	17.9	17.9	20.4	18.6
<b>Sky condition (Octas)</b>	-	-	-	-
<b>Relative humidity (%) 0830 hours</b>	75	75	96	100
<b>Relative humidity (%) 1730 hours</b>	-	-	68	36
<b>Wind Speed (km/h)</b>	-	-	-	-
<b>Wind Direction</b>	-	-	-	-

**Weather forecast for the next five days (From 05-03-2024 to 09-03-2025)**

<b>Parameter</b>	<b>05.03.2025</b>	<b>06.03.2025</b>	<b>07.03.2025</b>	<b>08.03.2025</b>	<b>09.03.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. Temp. (°C)</b>	32	32	33	33	33
<b>Min. Temp. (°C)</b>	19	19	19	19	19
<b>Sky condition (Octas)</b>	3	3	2	3	2
<b>Relative humidity (%) 0830 hours</b>	94	95	96	95	94
<b>Relative humidity (%) 1730 hours</b>	42	43	44	43	40
<b>Wind Speed (kmph)</b>	10	10	10	10	8
<b>Wind Direction</b>	81	124	207	120	135

**Forecast Summary**

As forecast received from IMD, cloudy sky with **no rainfall** may be expected from **05.03.2025 to 09.03.2025** in Kodagu district. The day temperature is expected to be 32-33°C & night temperature is expected 19°C. The relative humidity in the morning hours is expected to be 94% to 96% & afternoon relative humidity is expected to be in the range of 40% to 44%. Wind speed expected to be 8-10 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
<b>General Advisory:</b>			
<ul style="list-style-type: none"> <li>• <b>No rainfall for the next 5 days</b> increases soil moisture loss. <b>Irrigation at proper intervals is essential</b> to avoid water stress.</li> <li>• <b>Mulching with organic materials</b> (leaves, straw, dried grass) is advised to <b>retain soil moisture</b> and reduce evaporation.</li> <li>• <b>Drip and sprinkler irrigation</b> are recommended for efficient water management.</li> <li>• <b>Pest and Disease Monitoring:</b> The dry weather can increase <b>thrips, mites, aphids, and borers</b>; regular scouting and preventive control measures should be taken. <ul style="list-style-type: none"> <li>• <b>Shade Management</b> in plantation crops like coffee and cardamom is necessary to protect plants from direct sunlight and water stress.</li> </ul> </li> </ul>			

Crop	Stage	Weather-Based Advisory
<b>Paddy</b>	Nursery preparation/trans planting	<b>No rainfall</b> ; ensure adequate irrigation for nursery. Maintain proper moisture for seedling growth.
<b>Maize</b>	Tasseling stage	<b>No rainfall</b> ; irrigate to prevent water stress. Mulching is recommended to conserve soil moisture. Monitor for fall armyworm.
<b>Ragi</b>	Vegetative stage	<b>No rainfall</b> ; provide light irrigation as needed. Mulching with crop residues can reduce moisture loss.
<b>Tomato</b>	Fruit development	<b>No rainfall</b> ; irrigate at regular intervals. Install mulch to maintain soil moisture. Protect from fruit borers and powdery mildew.
<b>Brinjal</b>	Flowering/fruiting stage	<b>No rainfall</b> ; provide irrigation to avoid flower drop. Monitor for sucking pests like whiteflies and mites.
<b>Chilli</b>	Flowering stage	<b>No rainfall</b> ; irrigate regularly to avoid flower drop. Monitor for thrips and mites due to dry conditions.
<b>Cabbage</b>	Head formation	<b>No rainfall</b> ; light irrigation is needed. Regularly check for diamondback moth infestation.
<b>Cauliflower</b>	Head formation	<b>No rainfall</b> ; keep the soil moist for better head development. Monitor for aphids and caterpillars.
<b>Coffee</b>	Berry development (post-harvest maintenance)	<b>No rainfall</b> ; provide protective irrigation. Mulching and shade tree management are recommended. Avoid excessive pruning.
<b>Arecanut</b>	Fruiting/maturity	<b>No rainfall</b> ; irrigate at 10-15 day intervals to support nut filling. Protect from mites and spindle bug infestations.
<b>Coconut</b>	Nut development	<b>No rainfall</b> ; apply irrigation to prevent nut drop. Use organic mulches to retain soil moisture. Keep palms free from rugose whitefly.
<b>Pepper</b>	Fruiting	<b>No rainfall</b> ; maintain soil moisture through light irrigation. Provide shade and mulch. Check for pollu beetle infestations.
<b>Cardamom</b>	Maintenance/post-harvest phase	<b>No rainfall</b> ; irrigate if needed. Mulching helps in moisture retention. Maintain shade trees.
<b>Banana</b>	Bunch development	<b>No rainfall</b> ; irrigate regularly to avoid fruit shrinkage. Provide propping support to avoid lodging due to dry winds.
<b>Citrus fruits</b>	Harvesting	<b>No rainfall</b> ; complete harvesting early morning. Irrigation should be provided to trees to avoid moisture stress.
<b>Sapota</b>	Fruiting/harvest	<b>No rainfall</b> ; irrigate to maintain fruit quality. Timely harvesting is advised to prevent fruit cracking.

<b>Guava</b>	Fruiting	<b>No rainfall;</b> 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
<b>Livestock</b>	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.
<b>Poultry</b>	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.
<b>Sericulture</b>	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
<b>Mulching</b>	Apply dry leaves, paddy straw, or organic waste around plants to reduce evaporation losses and soil temperature.
<b>Summer Ploughing</b>	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.
<b>Irrigation Management</b>	Follow drip irrigation or sprinkler irrigation to conserve water. Irrigate during early morning or evening hours to minimize evaporation losses.
<b>Shading Measures</b>	For young plants and nurseries, use shade nets or temporary structures to reduce direct heat impact.

Block level weather forecast (From 05-03-2025 to 09-03-2025)					
Madikeri					
Parameter	05.03.2025	06.03.2025	07.03.2025	08.03.2025	09.03.2025
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	32.7	33.6	34.1	34.4	34.5
<b>Min.Temp (°C)</b>	18.1	19.1	19.4	19.1	19.1
<b>Sky condition (Octas)</b>	4	4	5	6	5
<b>Relative humidity (%) 0830 hours</b>	85.2	92	92.4	94	82
<b>Relative humidity (%) 1730 hours</b>	32.9	30.8	27	26.7	29.2
<b>Wind Speed (kmph)</b>	5.5	5.5	2.6	2.9	1.1
<b>Wind Direction</b>	66.8	66.8	74	82.9	120

### Somvarpet

Parameter	05.03.2025	06.03.2025	07.03.2025	08.03.2025	09.03.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	32.2	33.5	33.7	34.1	34.2
Min.Temp (°C)	17.6	18.6	19	18.9	18.7
Sky condition (Octas)	4	4	5	7	5
Relative humidity (%) 0830 hours	85.6	93.9	93	92.1	77.6
Relative humidity (%) 1730 hours	32.7	30.5	25.2	26.3	29.6
Wind Speed (kmph)	6.5	6.1	3.2	4.1	2.9
Wind Direction	93.2	120	120	105.3	119.8

### Virajpet

Parameter	05.03.2025	06.03.2025	07.03.2025	08.03.2025	09.03.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	34.8	35.2	35.1	35.7	35.5
Min.Temp (°C)	19.2	20	20.5	20.1	20.1
Sky condition (Octas)	4	4	5	6	6
Relative humidity (%) 0830 hours	81.7	87.3	88.9	95.4	92.1
Relative humidity (%) 1730 hours	33.9	34.1	35.3	27.8	36.9
Wind Speed (kmph)	6.4	5.7	3.1	3.2	2.1
Wind Direction	51.8	55.3	54.4	63.4	59

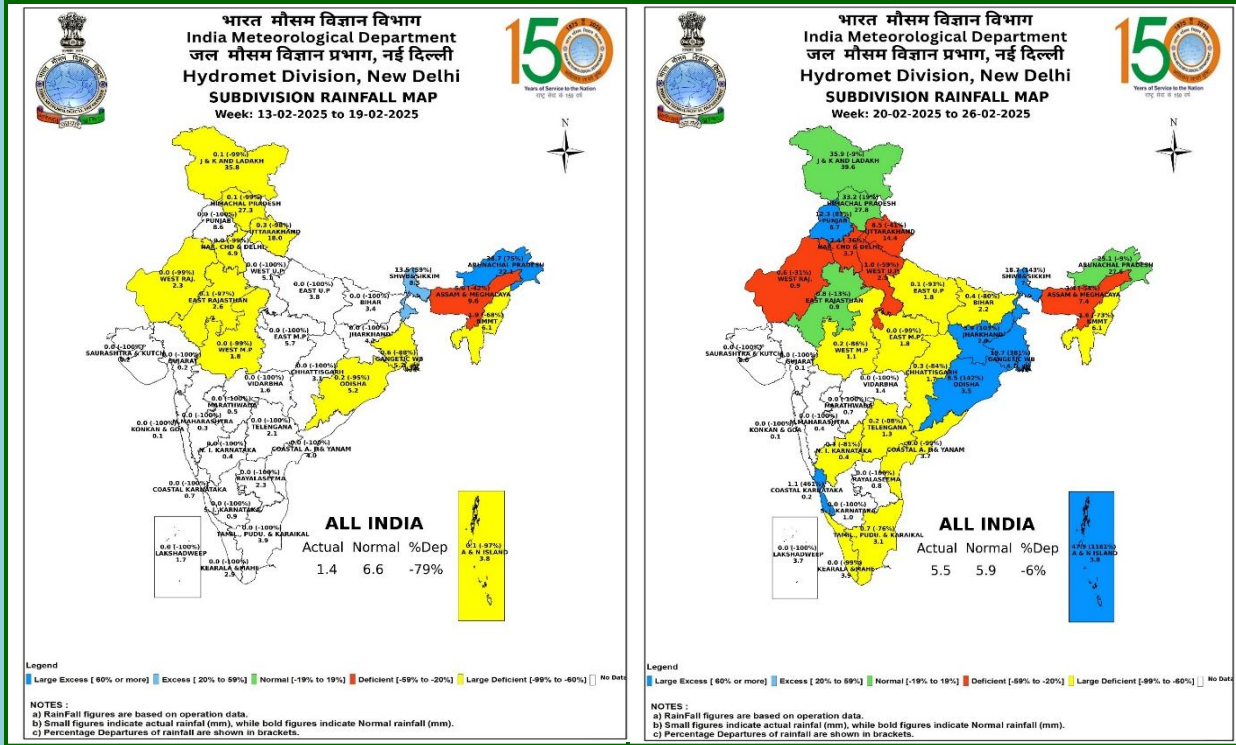
- Download “DAMINI” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “MAUSAM” APP for location specific forecast & warning & “MEGHDOOT” APP for Agromet advisory
- This information is available in the website: [mausam.imd.gov.in](http://mausam.imd.gov.in)

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

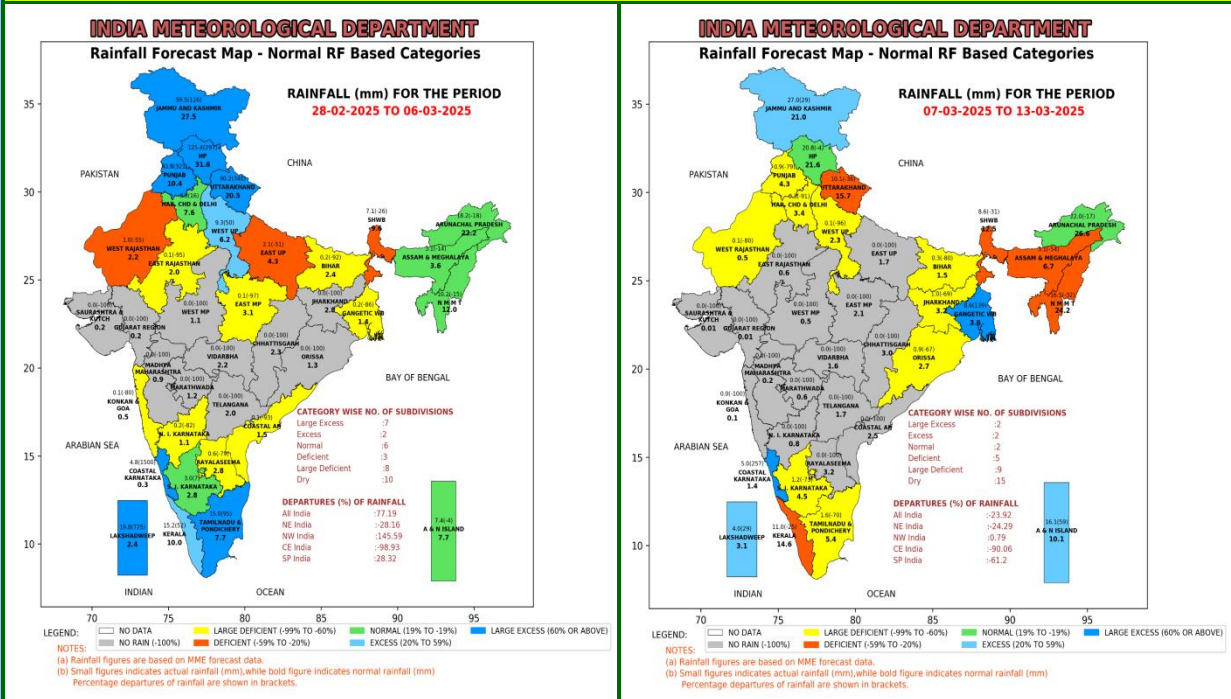
वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान  
**Realized Rainfall and Extended Range Forecast**  
 (वर्षा और तापमान)  
 (Rainfall and Temperature)

**Realized Rainfall**  
 (13<sup>th</sup> to 26<sup>th</sup> February, 2025)



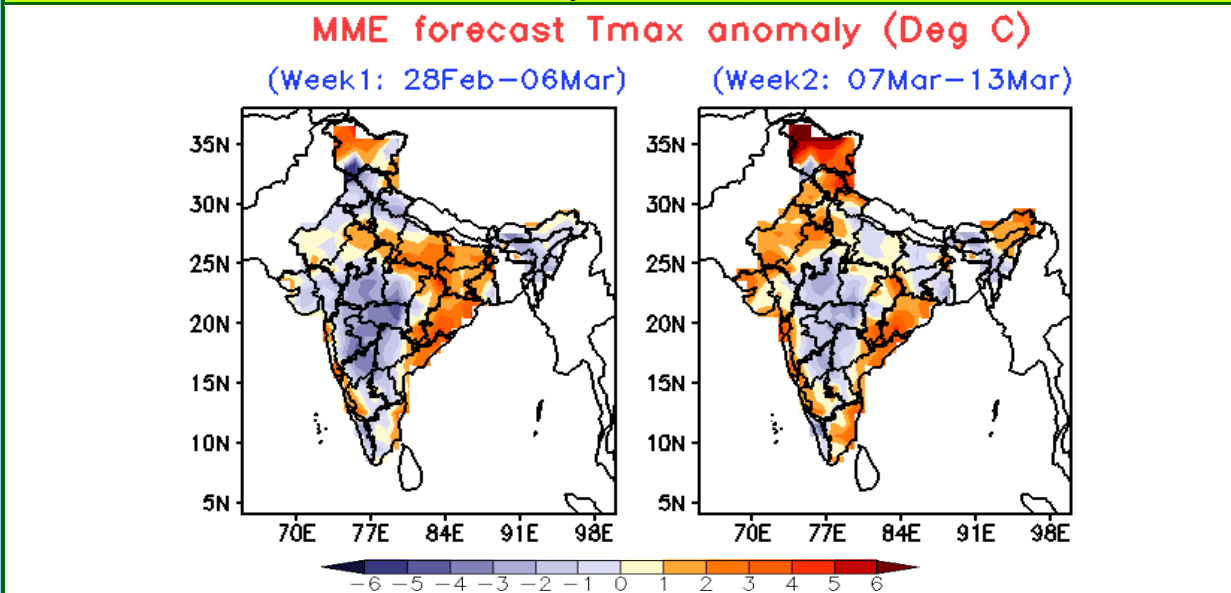
## Extended Range Forecast System

### Rainfall forecast maps for the next 2 weeks (IC- 26<sup>th</sup>February,2025) (28<sup>th</sup>February to 13<sup>th</sup>March, 2025)



- **Week1(28.02.2025 to 06.03.2025):**Rainfall is likely to be above normal over Jammu & Kashmir, Himachal Pradesh, Uttarakhand and Punjab. Rainfall activity is also likely over Haryana, West Uttar Pradesh, Arunachal Pradesh, Nagaland Manipur Mizoram & Tripura and Kerala.
- **Week 2 (07.03.2025 to 13.03.2025):**Rainfall is likely to be above normal over Jammu & Kashmir. Rainfall activity is also likely over Himachal Pradesh, Uttarakhand, Kerala, Arunachal Pradesh and Nagaland Manipur Mizoram & Tripura.

### Maximum and Minimum temperature anomaly ( °C) forecast for the next 2 weeks (IC- 26<sup>th</sup>February,2025) (28<sup>th</sup>February to 13<sup>th</sup>March, 2025)



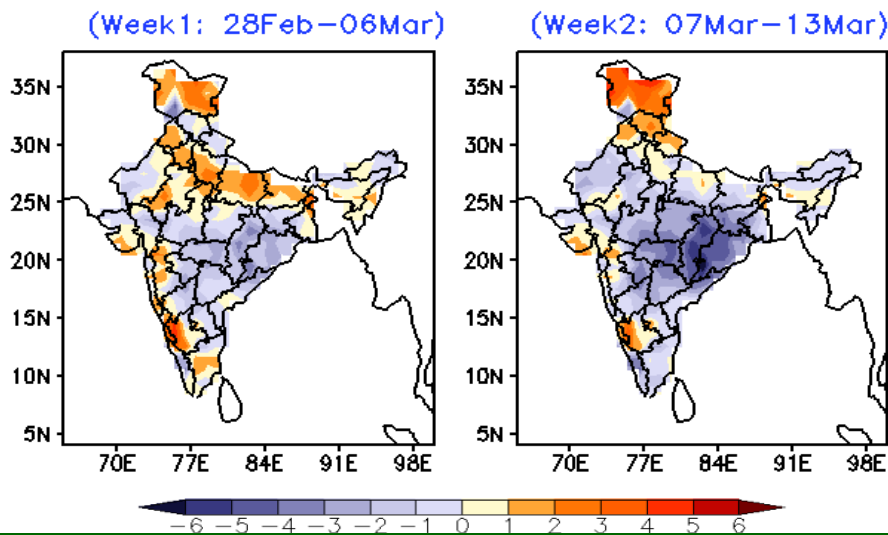
#### Maximum Temperature (Tmax)

- **Week 1 (28.02.2025 to 06.03.2025):** Maximum temperature is likely to be above normal

over East India; many parts of Jammu & Kashmir, Uttar Pradesh and adjoining areas of Madhya Pradesh; some parts of Chhattisgarh, East Rajasthan, Konkan-Goa, Coastal Karnataka and regions along east coast. However, it is likely to be below normal over many parts of Central India and West India.

- **Week 2 (07.03.2025 to 13.03.2025):** Maximum temperature is likely to be above normal over many parts of North West India, South India, Gujarat, Konkan-Goa, Odisha, Chhattisgarh, Assam and Arunachal Pradesh. However, it is likely to be below normal over many parts of Central India, East India, Interior Maharashtra, Telangana and East Uttar Pradesh.

### MME forecast Tmin anomaly (Deg C)



### Minimum Temperature (Tmin)

- **Week 1 (28.02.2025 to 06.03.2025):** Minimum temperature is likely to be below normal over many parts of Central India, East India, Marathwada, Telangana, Andhra Pradesh and Kerala. However, it is likely to be above normal over many parts of Northwest India, Northeast India, Gujarat, Madhya Maharashtra, Karnataka, Tamil Nadu and Bihar.
- **Week 2 (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 Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, many parts of Gujarat and some parts of Madhya Maharashtra & Karnataka.