

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



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



Date:21-02-2025

**AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

**Past Weather Data**

<b>Parameter</b>	<b>18.02.2025</b>	<b>19.02.2025</b>	<b>20.02.2025</b>	<b>21.02.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0
<b>Max. Temp. (°C)</b>	33.2	32.8	34	33.1
<b>Min. Temp. (°C)</b>	15.5	17.7	19	18
<b>Sky condition (Octas)</b>	-	-	-	-
<b>Relative humidity (%) 0830 hours</b>	100	67	100	100
<b>Relative humidity (%) 1730 hours</b>	18	100	72	70
<b>Wind Speed (km/h)</b>	-	-	-	-
<b>Wind Direction</b>	-	-	-	-

**Weather forecast for the next five days (From 22-02-2024 to 26-02-2025)**

<b>Parameter</b>	<b>22.02.2025</b>	<b>23.02.2025</b>	<b>24.02.2025</b>	<b>25.02.2025</b>	<b>26.02.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. Temp. (°C)</b>	33	33	33	33	33
<b>Min. Temp. (°C)</b>	18	18	18	18	18
<b>Sky condition (Octas)</b>	2	2	2	1	4
<b>Relative humidity (%) 0830 hours</b>	84	83	87	86	89
<b>Relative humidity (%) 1730 hours</b>	69	71	77	74	74
<b>Wind Speed (kmph)</b>	2.9	2.3	3.3	5.6	6.7
<b>Wind Direction</b>	83	72	78	75	75

**Forecast Summary**

As forecast received from IMD, cloudy sky with **no rainfall** may be expected from **22.02.2025 to 26.02.2025** in Kodagu district. The day temperature is expected to be 33°C & night temperature is expected 18°C. The relative humidity in the morning hours is expected to be 83% to 89% & afternoon relative humidity is expected to be in the range of 69% to 77%. Wind speed expected to be 2.3-6.7 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>	Vegetative 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>Beans</b>	Vegetative/flowering stage	<b>No rainfall</b> ; apply irrigation to support flowering. Support vines to prevent lodging. Mulching is advised.
<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.
<b>Ginger</b>	Harvesting	<b>No rainfall;</b> harvesting should be completed in early hours. Ensure proper curing and drying of rhizomes.
<b>Turmeric</b>	Harvesting	<b>No rainfall;</b> complete harvesting and ensure proper drying under shade. Maintain storage conditions to prevent rhizome rot.

### Livestock specific advisory

Category	Advisory
<b>Livestock</b>	Provide dry bedding, avoid exposure to morning cold, and ensure good ventilation in sheds. Offer slightly warm drinking water during mornings and evenings. Maintain cleanliness, use fly traps or repellents. Monitor for respiratory issues; increase energy-rich feed.
<b>Poultry</b>	Cover sheds at night, provide warm drinking water, and use brooders for chicks. Ensure good air circulation but block cold drafts. Add energy supplements (e.g., maize) to feed. Remove litter regularly and use approved fly traps or sprays.

### Block level weather forecast (From 22-02-2025 to 26-02-2025)

#### Madikeri

Parameter	22.02.2025	23.02.2025	24.02.2025	25.02.2025	26.02.2025
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	32.9	33.4	33.5	33.2	33.2
<b>Min.Temp (°C)</b>	17.1	17.1	17.8	17.7	18.1
<b>Sky condition (Octas)</b>	91.6	93.1	95.5	88.3	88.2
<b>Relative humidity (%) 0830 hours</b>	20.5	20.8	28.5	24.6	28.8
<b>Relative humidity (%) 1730 hours</b>	2	1	1	1	2
<b>Wind Speed (kmph)</b>	1.6	1.9	1.9	3	1.6
<b>Wind Direction</b>	63.4	68.2	68.2	76	116.6

#### Somvarpet

Parameter	22.02.2025	23.02.2025	24.02.2025	25.02.2025	26.02.2025
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	32.8	33.2	33.2	33.2	32.7
<b>Min.Temp (°C)</b>	17.2	17.4	17.4	17.6	17.9
<b>Sky condition (Octas)</b>	91.3	93.7	93.9	86.6	84.8
<b>Relative humidity (%) 0830 hours</b>	19.7	20	28.6	23.2	27.9
<b>Relative humidity (%) 1730 hours</b>	3	1	1	1	2

<b>Wind Speed (kmph)</b>	3.1	2.6	3.2	4.2	3.1
<b>Wind Direction</b>	110.6	106	116.6	110	110.6

### Virajpet

<b>Parameter</b>	<b>22.02.2025</b>	<b>23.02.2025</b>	<b>24.02.2025</b>	<b>25.02.2025</b>	<b>26.02.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	33.9	34.5	34.6	34.1	34.4
<b>Min.Temp (°C)</b>	18.4	18.5	18.8	19.1	19
<b>Sky condition (Octas)</b>	94.7	97.5	97.4	93.2	91.3
<b>Relative humidity (%) 0830 hours</b>	26.6	28.6	38.2	37.5	32.8
<b>Relative humidity (%) 1730 hours</b>	2	1	0	3	2
<b>Wind Speed (kmph)</b>	3.6	3.6	3.1	3.4	2.3
<b>Wind Direction</b>	53.1	53.1	54.4	58	51.3

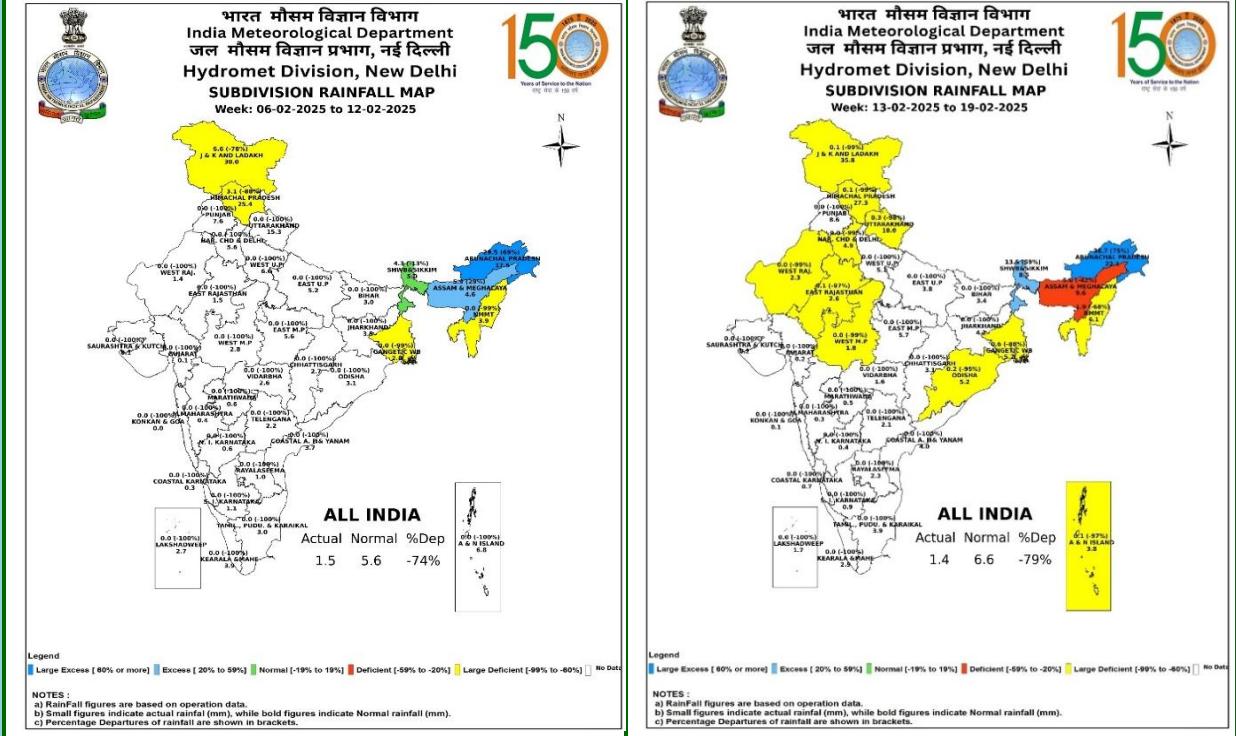
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: [mausam.imd.gov.in](http://mausam.imd.gov.in)

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

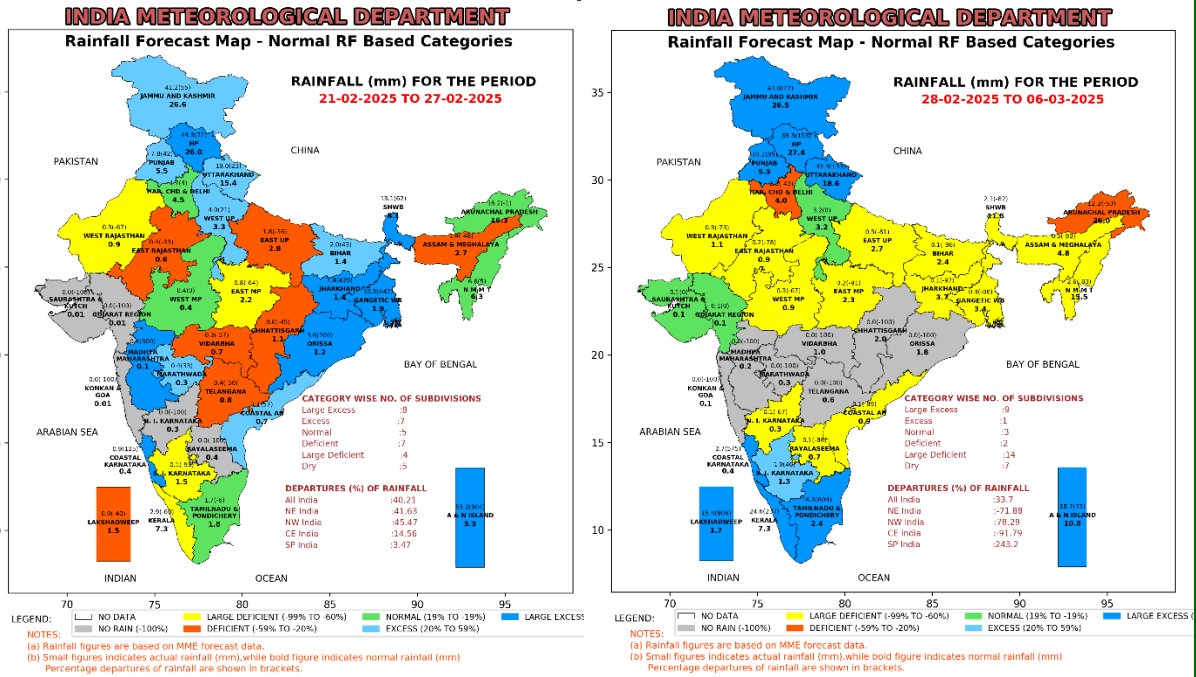
वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान  
**Realized Rainfall and Extended Range Forecast**  
 (वर्षा और तापमान)  
 (Rainfall and Temperature)

**Realized Rainfall**  
 (06<sup>th</sup> to 19<sup>th</sup> February, 2025)



## Extended Range Forecast System

### Rainfall forecast maps for the next 2 weeks (IC- 19<sup>th</sup>February,2025) (21<sup>st</sup> February to 06<sup>th</sup>March, 2025)



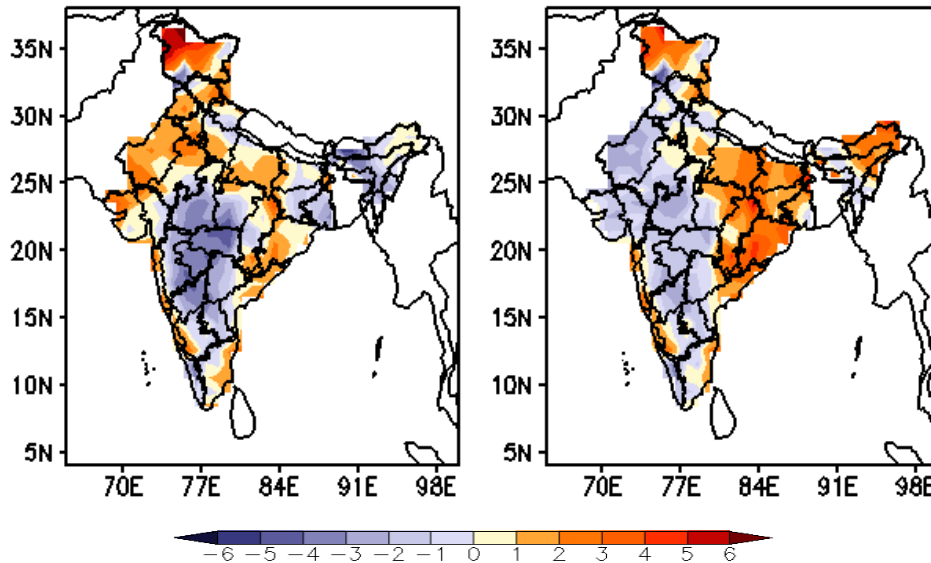
- **Week1(21.02.2025 to 27.02.2025):**Rainfall is likely to be above normal over Jammu & Kashmir, Himachal Pradesh and Gangetic West Bengal. Rainfall activity is also likely over Uttarakhand, Arunachal Pradesh, Odisha and Jharkhand.
- **Week 2 (28.02.2025 to 06.03.2025):**Rainfall is likely to be above normal over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, south Kerala and south Tamil Nadu. Rainfall activity is also likely over Punjab and Arunachal Pradesh.

**Maximum and Minimum temperature anomaly ( °C) forecast  
for the next 2 weeks (IC- 19<sup>th</sup>February,2025)  
(21<sup>st</sup> February to 06<sup>th</sup>March, 2025)**

**MME forecast Tmax anomaly (Deg C)**

(Week1: 21Feb–27Feb)

(Week2: 28Feb–06Mar)



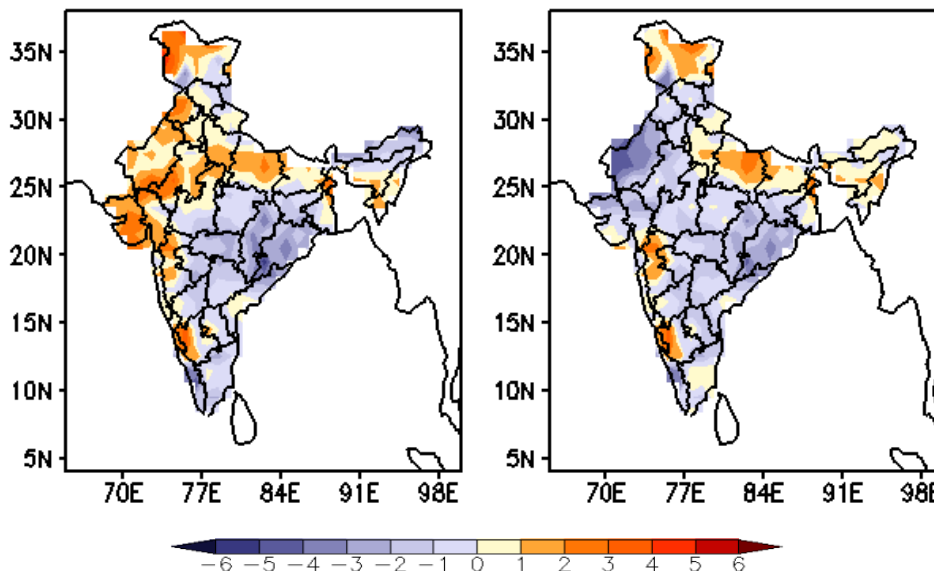
**Maximum Temperature (Tmax)**

- **Week 1 (21.02.2025 to 27.02.2025):** Maximum temperature is likely to be below normal over many parts of Central India and some parts of West India, Jharkhand, Gangetic West Bengal, Northeast India, Telangana, Rayalaseema, Interior Karnataka and Kerala. However, it is likely to be above normal over many parts of Northwest India, Gujarat, Odisha, Chhattisgarh, Coastal Andhra Pradesh, Tamil Nadu, Konkan-Goa and Coastal Karnataka.
- **Week 2 (28.02.2025 to 06.03.2025):** Maximum temperature is likely to be below normal over Rajasthan and many parts of Central India and West India. However, it is likely to be above normal over East India, Uttar Pradesh, Jammu & Kashmir, Chhattisgarh, Coastal Andhra Pradesh, coastal regions of Tamil Nadu, Konkan-Goa, Coastal Karnataka and many parts of Northeast India.

**MME forecast Tmin anomaly (Deg C)**

(Week1: 21Feb–27Feb)

(Week2: 28Feb–06Mar)



**Minimum Temperature (Tmin)**

- **Week 1 (21.02.2025 to 27.02.2025):** Minimum temperature is likely to be below normal over Central India and many parts of East India and South India. However, it is likely to be above normal over Gujarat, Northwest India and some parts of Northeast India, Madhya Maharashtra and Karnataka.
- **Week 2 (28.02.2025 to 06.03.2025):** Minimum temperature is likely to be below normal over many parts of Gujarat, Northwest India, Central India, East India and South India. However, it is likely to be above normal over Jammu & Kashmir, Uttar Pradesh, Bihar, Northeast India, Madhya Maharashtra and Karnataka.