

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



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



Date:03-01-2025

**AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

**Past Weather Data**

<b>Parameter</b>	<b>31.12.2024</b>	<b>01.01.2025</b>	<b>02.01.2025</b>	<b>03.01.2025</b>
<b>Rainfall (mm)</b>	-	0	0	0
<b>Max. Temp. (°C)</b>	-	28.9	29.3	29.7
<b>Min. Temp. (°C)</b>	-	17.1	16.9	15.2
<b>Sky condition (Octas)</b>	-	-	-	-
<b>Relative humidity (%) 0830 hours</b>	-	89	89	86
<b>Relative humidity (%) 1730 hours</b>	-	-	-	-
<b>Wind Speed (km/h)</b>	-	-	-	-
<b>Wind Direction</b>	-	-	-	-

**Weather forecast for the next five days (From 04-01-2024 to 08-01-2025)**

<b>Parameter</b>	<b>04.01.2025</b>	<b>05.01.2025</b>	<b>06.01.2025</b>	<b>07.01.2025</b>	<b>08.01.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. Temp. (°C)</b>	28	28.2	28.2	28.1	28.2
<b>Min. Temp. (°C)</b>	15.8	15	14.9	15.1	15.7
<b>Sky condition (Octas)</b>	5	3	5	4	3
<b>Relative humidity (%) 0830 hours</b>	86	84	87	92	88
<b>Relative humidity (%) 1730 hours</b>	32	30	31	41	39
<b>Wind Speed (kmph)</b>	8.4	7	5.5	4	3.5
<b>Wind Direction</b>	70	69	67	63	66

**Forecast Summary**

As forecast received from IMD, cloudy sky with **no rainfall** may be expected from **04.01.2025 to 08.01.2025** in Kodagu district. The day temperature is expected to be 28-28.2°C & night temperature is expected 14.9°C to 15.8°C. The relative humidity in the morning hours is expected to be 84% to 92% & afternoon relative humidity is expected to be in the range of 30% to 41%. Wind speed expected to be 3.5-8.4 km/ hr.

**SMS Advisory**

- Complete harvesting of paddy and millets early and dry grains thoroughly to prevent spoilage.
- Avoid leaving harvested produce in the field; store under proper cover to prevent rain damage.

### Recommendations to the farmers:-

Crop	Pest/Disease	Damage symptoms	Control measures
<b>General Advisory:</b>			
<ul style="list-style-type: none"> <li>• <b>Coffee and Black Pepper:</b> Continue harvesting mature coffee berries and black pepper. Dry the harvested produce under shade to maintain quality and avoid exposure to direct sunlight.</li> <li>• <b>Cardamom:</b> Complete the harvest of mature capsules. Ensure proper drying and storage to prevent fungal infections.</li> <li>• <b>Arecanut and Coconut:</b> Clear fallen nuts and apply organic mulch to conserve soil moisture. Begin preparations for basin formation and manuring.</li> </ul>			

Crop	Stage	Advisory (Including Pest and Disease Control Measures)
<b>Paddy</b>	Harvesting	Harvest crops promptly in dry weather. Dry and store harvested grains to avoid fungal infections.
<b>Coffee</b>	Harvest stage	Continue harvesting ripe berries. Ensure quick processing to avoid quality loss.
<b>Black Pepper</b>	Berry development	Protect from pests like whiteflies. Ensure proper irrigation and avoid overwatering.
<b>Arecanut</b>	Nut development to harvesting	Harvest mature nuts and store them in a cool, dry place. Protect from pests.
<b>Coconut</b>	Nut development	Ensure proper irrigation and nutrient application to support healthy nut development.
<b>Cardamom</b>	Harvesting	Continue harvesting ripe pods. Dry harvested pods in a shaded area to prevent quality loss.
<b>Banana</b>	Bunch development	Provide proper staking to avoid plant lodging. Apply potassium-rich fertilizers for healthy fruit.
<b>Ginger and Turmeric</b>	Harvesting	Harvest mature ginger rhizomes. Cure them properly before storage to avoid spoilage.

Category	Advisory
<b>Livestock</b>	
Shelter	Ensure proper insulation in sheds to maintain warmth. Use dry bedding materials like straw.
Water Supply	Provide clean and lukewarm water to maintain hydration and prevent cold stress.
Feed	Increase feed with higher energy content (e.g., grains or concentrates) to help animals cope with cold.
Vaccination	Administer vaccines for <b>HS (Haemorrhagic Septicaemia)</b> and <b>FMD (Foot and Mouth Disease)</b> .
Precautions	Regularly check for frostbite or cold stress symptoms (shivering, lethargy). Avoid sudden exposure to extreme cold.
<b>Poultry</b>	
Shelter	Maintain optimum temperatures in poultry sheds using heaters or bulbs. Ensure proper ventilation to avoid respiratory issues.
Water Supply	Provide warm drinking water and avoid freezing of water in cold conditions.
Feed	Provide high-energy feeds to help birds maintain body temperature. Supplement with vitamins (A, D, E).
Vaccination	Ensure vaccination against <b>Newcastle Disease</b> and <b>Infectious Bursal Disease (IBD)</b> .
Precautions	Avoid overcrowding to prevent stress and disease spread. Check for symptoms of respiratory infections.

**Block level weather forecast (From 04-01-2025 to 08-01-2025)****Madikeri**

<b>Parameter</b>	<b>04.01.2025</b>	<b>05.01.2025</b>	<b>06.01.2025</b>	<b>07.01.2025</b>	<b>08.01.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	27.8	27.2	27.2	27.1	27.4
<b>Min.Temp (°C)</b>	17.2	16.5	15.9	15.4	14.5
<b>Sky condition (Octas)</b>	4	6	5	5	3
<b>Relative humidity (%) 0830 hours</b>	91.3	87.6	91.5	85.9	85.5
<b>Relative humidity (%) 1730 hours</b>	43.1	35.5	34.4	33.1	30.6
<b>Wind Speed (kmph)</b>	9.3	9.2	8.6	8.2	6.4
<b>Wind Direction</b>	62.4	64.4	67.7	66.8	63.4

**Somvarpet**

<b>Parameter</b>	<b>04.01.2025</b>	<b>05.01.2025</b>	<b>06.01.2025</b>	<b>07.01.2025</b>	<b>08.01.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	27.6	27	27	26.8	27.1
<b>Min.Temp (°C)</b>	16.7	16.1	15.5	14.9	14
<b>Sky condition (Octas)</b>	4	5	5	5	3
<b>Relative humidity (%) 0830 hours</b>	92.2	90.7	92.5	88.6	87.2
<b>Relative humidity (%) 1730 hours</b>	44.7	37.8	36.3	34.6	32.3
<b>Wind Speed (kmph)</b>	9.4	9.4	9	9	7.2
<b>Wind Direction</b>	0	92.2	94.6	92.3	92.9

**Virajpet**

<b>Parameter</b>	<b>04.01.2025</b>	<b>05.01.2025</b>	<b>06.01.2025</b>	<b>07.01.2025</b>	<b>08.01.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	29.9	29.4	29.5	29.2	29.4
<b>Min.Temp (°C)</b>	18.8	17.9	17.1	16.6	15.7
<b>Sky condition (Octas)</b>	4	5	4	5	3
<b>Relative humidity (%) 0830 hours</b>	82.6	79.9	84.4	80.5	82.9
<b>Relative humidity (%) 1730 hours</b>	35.7	29	29	29.8	26.7
<b>Wind Speed (kmph)</b>	10.1	10.4	8.9	8.8	7.5
<b>Wind Direction</b>	55.2	56.3	58.2	55	54.8

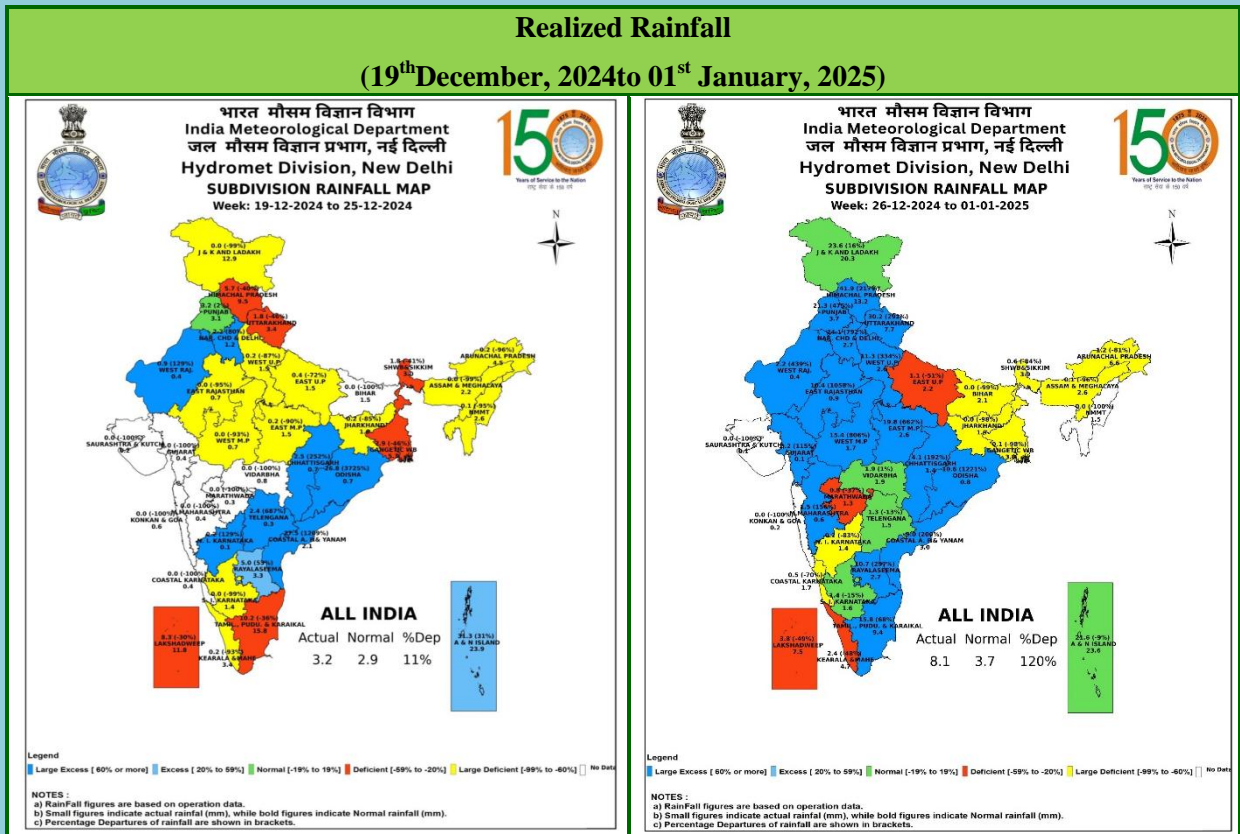
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: [mausam.imd.gov.in](http://mausam.imd.gov.in)

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,

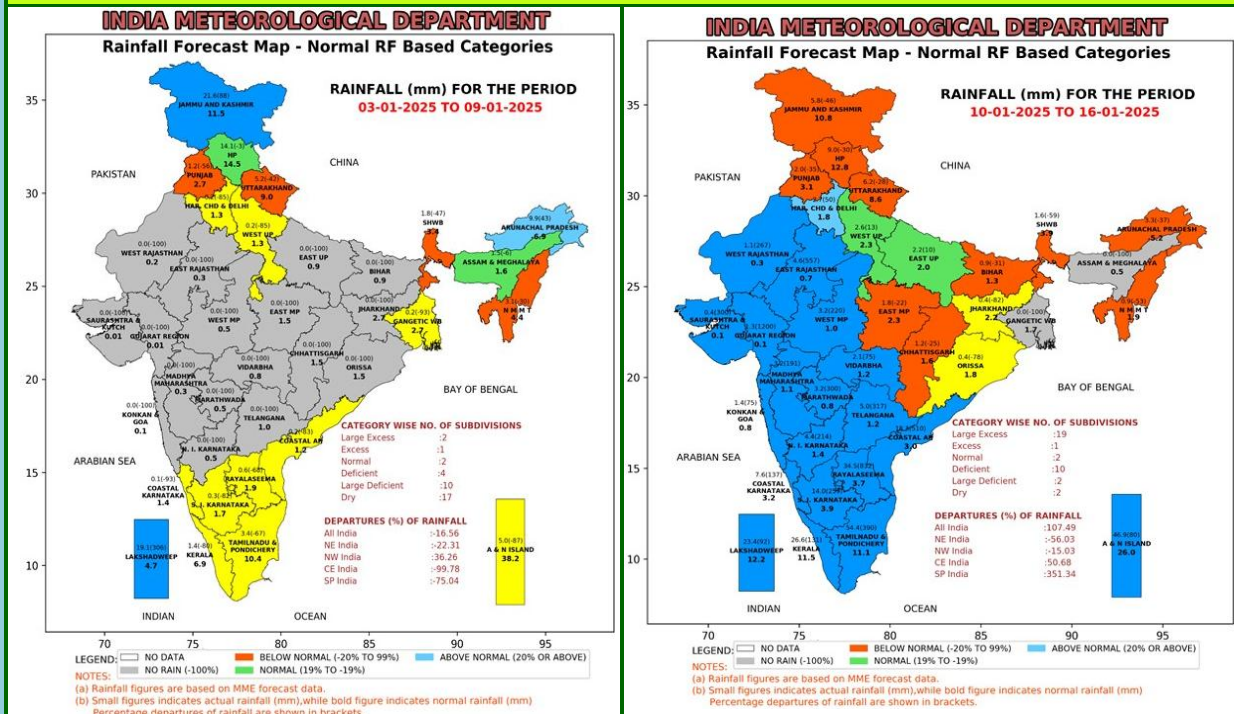
Naganahalli, Mysuru

वास्तविकवर्षातथाविस्तारितअवधिपूर्वानुमान  
**Realized Rainfall and Extended Range Forecast**  
 (वर्षाऔरतापमान)  
 (Rainfall and Temperature)



## Extended Range Forecast System

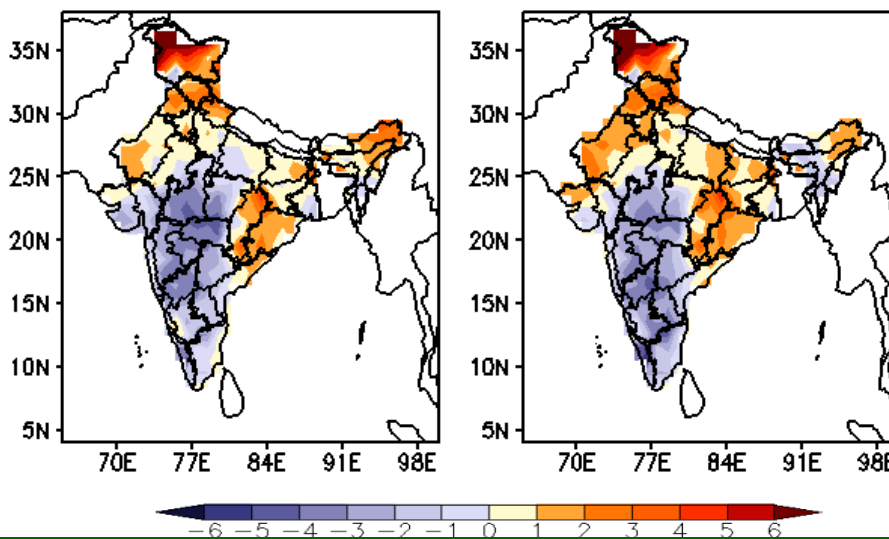
### Rainfall forecast maps for the next 2 weeks (IC- 01<sup>st</sup> January,2025) (03<sup>rd</sup> to 16<sup>th</sup> January, 2025)



- **Week1 (03.01.2025 to 09.01.2025):** Rainfall is likely to be above normal over Jammu & Kashmir.
- **Week 2 (10.01.2025 to 16.01.2025):** Rainfall is likely to be above normal over Tamil Nadu, Kerala, Rayalaseema, some parts of Coastal Andhra Pradesh and South Interior Karnataka.

### Maximum and Minimum temperature anomaly (°C) forecast for the next 2 weeks (IC- 01<sup>st</sup> January,2025) (03<sup>rd</sup> to 16<sup>th</sup> January, 2025)

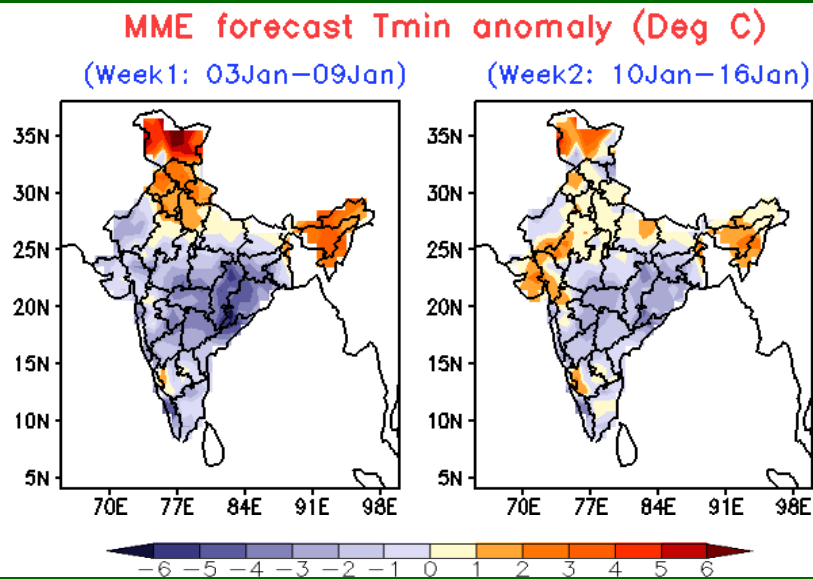
#### MME forecast Tmax anomaly (Deg C) (Week1: 03Jan-09Jan)      (Week2: 10Jan-16Jan)



#### Maximum Temperature (Tmax)

- **Week 1 (03.01.2025 to 09.01.2025) and Week 2 (10.01.2025 to 16.01.2025):** Maximum

temperature is likely to be below normal over Central and South India. However, it is likely to be above normal over East India, many parts of Chhattisgarh, North West India and North East India.



#### Minimum Temperature (Tmin)

- **Week 1 (03.01.2025 to 09.01.2025):** 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 many parts of North West India.
- **Week 2 (10.01.2025 to 16.01.2025):** Minimum temperature is likely to be below normal over Central and East India. It is likely to be above normal over many parts of North West India & North East India and some parts of Karnataka and West India.