

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



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



Date:06-12-2024

**AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

**Past Weather Data**

<b>Parameter</b>	<b>03.12.2024</b>	<b>04.12.2024</b>	<b>05.12.2024</b>	<b>06.12.2024</b>
<b>Rainfall (mm)</b>	56	4	0	0.5
<b>Max. Temp. (°C)</b>	23.4	25	29.1	29.1
<b>Min. Temp. (°C)</b>	20.7	18.7	18.1	18.7
<b>Sky condition (Octas)</b>	-	-	-	-
<b>Relative humidity (%) 0830 hours</b>	97	97	87	98
<b>Relative humidity (%) 1730 hours</b>	-	-	71	-
<b>Wind Speed (km/h)</b>	-	-	-	-
<b>Wind Direction</b>	-	-	-	-

**Weather forecast for the next five days (From 07-12-2024 to 11-12-2024)**

<b>Parameter</b>	<b>07.12.2024</b>	<b>08.12.2024</b>	<b>09.12.2024</b>	<b>10.12.2024</b>	<b>11.12.2024</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. Temp. (°C)</b>	27.8	26.8	26.4	27	27.2
<b>Min. Temp. (°C)</b>	19.1	18.9	19.1	18.7	18.2
<b>Sky condition (Octas)</b>	5	6	7	6	7
<b>Relative humidity (%) 0830 hours</b>	92	93	93	96	93
<b>Relative humidity (%) 1730 hours</b>	53	59	62	65	56
<b>Wind Speed (kmph)</b>	2.4	1.6	2.2	2.5	3.9
<b>Wind Direction</b>	63	63	81	82	68

**Forecast Summary**

As forecast received from IMD, cloudy sky with **no rainfall** may be expected from 07.11.2024 to 11.12.2024 in Kodagu district. The day temperature is expected to be 26.4-27.8°C & night temperature is expected 18.2-19.1°C. The relative humidity in the morning hours is expected to be 92-96% & afternoon relative humidity is expected to be in the range of 53-65%. Wind speed expected to be 1.6-3.9 km/ hr.

**SMS Advisory**

No rainfall for the next five days. Harvest paddy and pulses, dry them properly. Light irrigation for vegetables; monitor pests in cabbage, cauliflower.

## 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>            Regularly monitor for berry borer and pepper wilt. Maintain clean basins and apply necessary plant protection measures.         </li> <li> <b>Vegetables:</b>            Provide light irrigation for crops like cabbage, cauliflower, and beans to maintain soil moisture. Monitor for aphids and caterpillars.         </li> <li> <b>Soil and Water Conservation:</b>            Utilize the dry weather to maintain contour bunds and trenches to prevent soil erosion.         </li> <li> <b>Livestock:</b>            Ensure clean drinking water and proper ventilation in shelters to avoid heat stress during slightly warmer days.         </li> <li> <b>Horticultural Crops:</b>            Mulch around fruit trees to conserve soil moisture and regulate soil temperature during dry spells.         </li> </ul>			

Crop	Stage	Advisory (Including Pest and Disease Control Measures)
<b>Paddy</b>	Harvesting	Harvest mature paddy promptly. Dry grains properly under the sun to 12%-14% moisture. Store in cool, dry, and ventilated conditions to prevent mold.
<b>Coffee</b>	Harvest stage	Harvest ripe cherries. Dry cherries in the shade or under controlled conditions to avoid mold. Proper storage is necessary for maintaining quality.
<b>Black Pepper</b>	Berry development	Inspect regularly for pests and diseases. Provide vine support and ensure proper spacing. Manage weeds effectively.
<b>Arecanut</b>	Nut development to harvesting	Harvest mature nuts. Ensure sufficient moisture for the palms and keep the base weed-free.
<b>Coconut</b>	Nut development	Irrigate if necessary to maintain moisture. Control weeds around the palm base and mulch for moisture retention.
<b>Cardamom</b>	Harvesting	Harvest mature capsules and dry them properly in the shade to preserve flavor and prevent mold.
<b>Banana</b>	Bunch development	Provide support to the bunches. Irrigate regularly and mulch around the base to conserve moisture and maintain plant health.
<b>Ginger and Turmeric</b>	Harvesting	Harvest mature rhizomes and dry them thoroughly in the shade. Ensure proper storage to prevent fungal infections.

## Advisory for Livestock and Sericulture

Category	Advisory	Pests and Diseases	Control Measures
<b>Livestock</b>	Provide clean drinking water and adequate shelter; avoid overcrowding in sheds.	Foot and mouth disease (FMD), ticks	Vaccinate for FMD; use acaricides or herbal sprays to control ticks.
<b>Sericulture</b>	Ensure mulberry plantations are irrigated; maintain optimal humidity in rearing rooms.	Silkworm diseases (grasserie, flacherie)	Maintain hygiene; disinfect rearing rooms with 2% formalin solution.

**Block level weather forecast (From 07-12-2024 to 11-12-2024)****Madikeri**

<b>Parameter</b>	<b>07.12.2024</b>	<b>08.12.2024</b>	<b>09.12.2024</b>	<b>10.12.2024</b>	<b>11.12.2024</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	27.5	27.2	26.2	26.2	26.9
<b>Min.Temp (°C)</b>	18.2	17.8	18.2	18	17.6
<b>Sky condition (Octas)</b>	3	6	6	5	6
<b>Relative humidity (%) 0830 hours</b>	92.9	93.2	92.8	93.9	88.1
<b>Relative humidity (%) 1730 hours</b>	51.6	52.3	57	57.2	49.5
<b>Wind Speed (kmph)</b>	3.2	2.4	1.6	2.3	4.2
<b>Wind Direction</b>	63.4	63.4	63.4	71.6	59

**Somvarpet**

<b>Parameter</b>	<b>07.12.2024</b>	<b>08.12.2024</b>	<b>09.12.2024</b>	<b>10.12.2024</b>	<b>11.12.2024</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	27.2	27.1	26.4	26.2	26.8
<b>Min.Temp (°C)</b>	18.1	17.6	18.1	18.1	17.2
<b>Sky condition (Octas)</b>	2	6	6	5	6
<b>Relative humidity (%) 0830 hours</b>	92.6	92.2	90.2	93.3	88.9
<b>Relative humidity (%) 1730 hours</b>	50.7	52.9	56	58	48.9
<b>Wind Speed (kmph)</b>	4	2.9	2.6	3.4	4.7
<b>Wind Direction</b>	100.3	97.1	106	108.4	94.4

**Virajpet**

<b>Parameter</b>	<b>07.12.2024</b>	<b>08.12.2024</b>	<b>09.12.2024</b>	<b>10.12.2024</b>	<b>11.12.2024</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	28.9	28.6	27.6	27.7	28.7
<b>Min.Temp (°C)</b>	19.2	18.9	19.4	18.9	18.6
<b>Sky condition (Octas)</b>	4	6	7	5	6
<b>Relative humidity (%) 0830 hours</b>	90.5	95.2	93.6	96.3	91.7
<b>Relative humidity (%) 1730 hours</b>	49.1	50.7	55.3	54.8	47.2
<b>Wind Speed (kmph)</b>	4.3	3.1	2.8	3.4	5.1
<b>Wind Direction</b>	48.3	54.4	50.2	58	50.7

- 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)

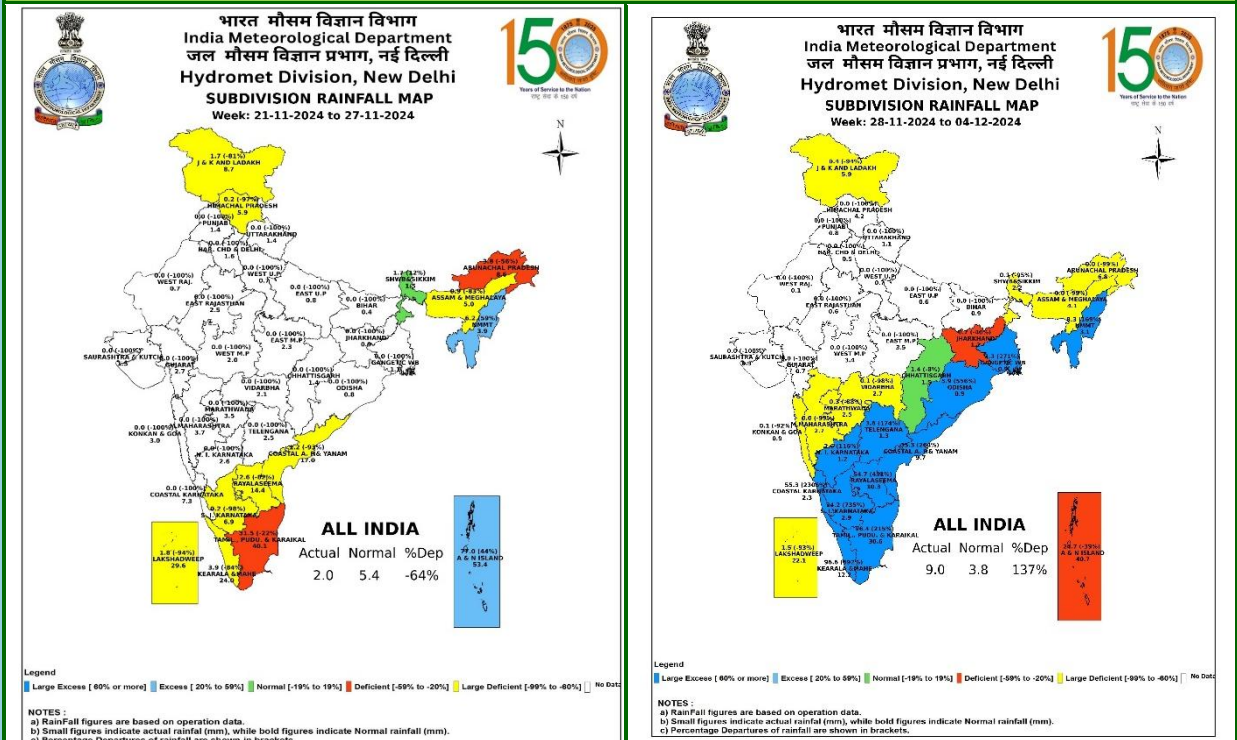
For any information farmers can contact **Dr. C. Ramachandra**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No. 0821-259126/ 9535345814.

AMFU of IMD,

Naganahalli, Mysuru

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

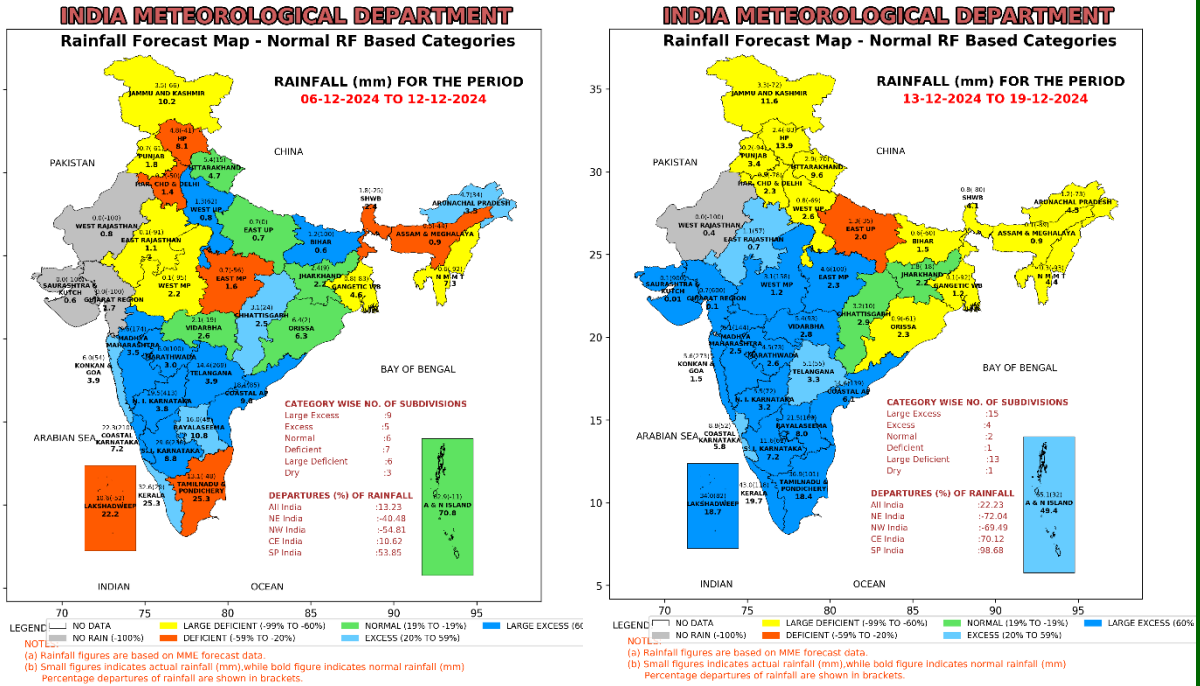
**Realized Rainfall**  
 (21<sup>th</sup> November to 4<sup>th</sup> December, 2024)



- Normal or above normal rainfall occurred in both the weeks over Nagaland Manipur Mizoram & Tripura (NMMT).
- Normal or above normal rainfall occurred in either of the two weeks over West Bengal & Sikkim, Odisha, Chhattisgarh, Telangana, Andhra Pradesh & Yanam, Karnataka, Kerala & Mahe, Tamil Nadu Puducherry & Karaikal and Andaman & Nicobar Islands.
- Below Normal rainfall/no rain occurred in both the weeks over rest of the States & UTs.

## Extended Range Forecast System

### Rainfall forecast maps for the next 2 weeks (IC- 4<sup>th</sup> December,2024) (6<sup>th</sup>to 19<sup>th</sup> December, 2024)



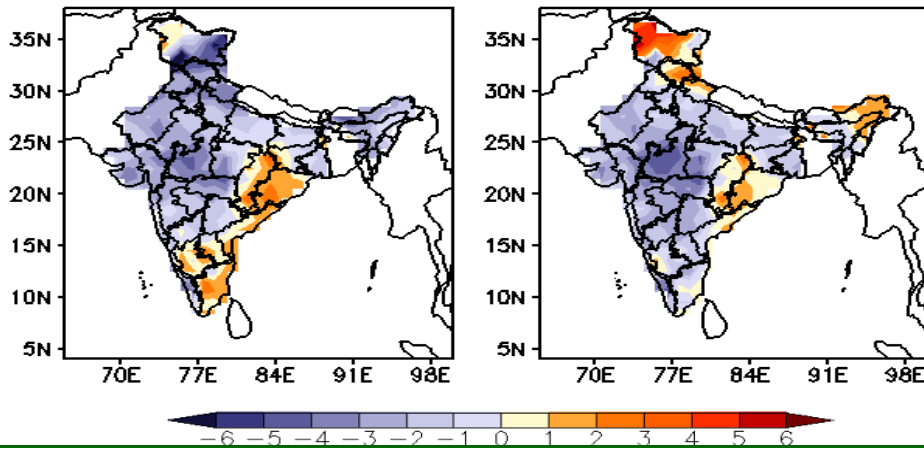
- **Week1(06.12.2024 to 12.12.2024):**Rainfall is likely to be above normal over Karnataka.
- **Week 2 (13.12.2024 to 19.12.2024):**Rainfall is likely to be above normal over Kerala and Tamil Nadu.

**Maximum and Minimum temperature anomaly ( °C) forecast  
for the next 2 weeks (IC- 4<sup>th</sup> December,2024)  
(6<sup>th</sup>to 19<sup>th</sup> December, 2024)**

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

(Week1: 06Dec–12Dec)

(Week2: 13Dec–19Dec)



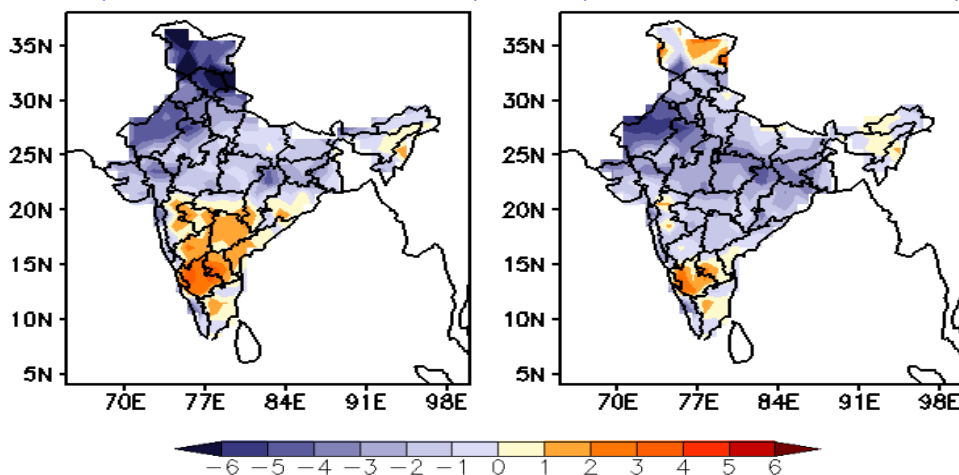
**Maximum Temperature (Tmax)**

- **Week 1 (06.12.2024 to 12.12.2024):**Maximum temperature is likely to be below normal over many parts of Northwest India, westcentral India, Northeast India and some parts of East India. It is likely to be above normal over Odisha and many parts of south India.
- **Week 2 (13.12.2024 to 19.12.2024):**Maximum temperature is likely to be above normal over most parts of the country except Jammu & Kashmir, Himachal Pradesh, Odisha and some parts in Northeast India.

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

(Week1: 06Dec–12Dec)

(Week2: 13Dec–19Dec)



**Minimum Temperature (Tmin)**

- **Week 1 (06.12.2024 to 12.12.2024):** Minimum temperature is likely to be below normal over Northwest India, Central India and parts of Northeast India. It is likely to be above normal over parts of peninsular India.
- **Week 2 (13.12.2024 to 19.12.2024):** Minimum temperature is likely to be below normal over most parts of the country. It is likely to be above normal over parts of Karnataka and Jammu & Kashmir.