UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &
INDIAN METEOROLOGICAL DEPARTMENT

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

Date:05-12-2025

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	02.12.2025	03.12.2025	04.12.2025	05.12.2025
Rainfall (mm)	-	-	-	-
Max. Temp. (°C)	-	-	-	-
Min. Temp. (°C)	-	-	-	-
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	-	-	-	-
Relative humidity (%) 1730 hours	-	-	-	-
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 06-12-2025 to 10-12-2025)

Parameter	06.12.2025	07.12.2025	08.12.2025	09.12.2025	10.12.2025
Rainfall (mm)	7	0	0	0	0
Max. Temp. (°C)	30	29	30	29	30
Min. Temp. (°C)	19	20	19	19	20
Sky condition (Octas)	5	4	2	3	4
Relative humidity (%) 0830 hours	82	81	80	82	81
Relative humidity (%) 1730 hours	66	65	67	66	65
Wind Speed (kmph)	4	2	4	2	4
Wind Direction	75	71	71	72	66

Forecast Summary

As forecast received from IMD, cloudy sky with light rainfall may be expected from 06.12.2025 to 10.12.2025 in Kodagu district. The day temperature is expected to be 29-30°C & night temperature is expected 19-20°C. The relative humidity in the morning hours is expected to be 80-82% & afternoon relative humidity is expected to be in the range of 65-67 %. Wind speed expected to be 2-4 km/ hr.

SMS Advisory

Dry weather expected; no rainfall. Morning temperature remains low (18–19°C). To protect vegetable nurseries from cold, give light irrigation in the evening and cover with dry grass or plastic sheets at night. Provide irrigation to field crops, banana, coconut, and arecanut. Keep livestock in warm shelters and cover poultry sheds to prevent cold air entry.

General Advisory

Cold Morning Precautions

- Low morning temperatures may cause cold stress to crops and livestock.
- Provide **light evening irrigation** to maintain soil warmth in vegetable fields.
- **Cover nurseries and young seedlings** (tomato, chilli, cabbage) with dry grass or plastic sheets during night.

Irrigation Management

- Since no rain is expected, **irrigate crops once in 5–7 days**.
- Avoid excess irrigation as humidity is moderate.
- Prioritize irrigation for paddy (milking stage), ragi, red gram, and vegetable crops.

Crop Management

- Favorable weather for **weeding, earthing-up, and fertilizer or pesticide application**.
- Dry and sunny weather is ideal for **harvesting and drying of grains, turmeric, ginger, and pulses**.
- **Collect and sun-dry produce** to avoid post-harvest losses.

Horticultural Crops

- **Mulching** around basins of banana, coconut, and arecanut helps conserve soil moisture.
- Provide **regular irrigation** to fruit crops like banana, papaya, and sapota.
- Prune unwanted shoots to improve air circulation.

Livestock and Poultry

- Provide **warm and dry shelters** during night and early morning.
- Avoid cold winds entering animal sheds.
- Supply **clean drinking water and dry fodder** regularly.
- For poultry, use **curtains or gunny bags** around sheds to reduce cold air entry.

Sericulture

- Maintain **optimum room temperature and humidity** in rearing houses.
- Avoid exposure of silkworms to cold morning air.

- Ensure **adequate ventilation** during daytime.

Crops and Suitable Varieties for Sowing in November

- **Ragi (Finger Millet): GPU-45**
- **Maize: MAH-15-84**
- **Groundnut (1st–2nd week): Annigeri-1, JG-11, Vishal, KAK-2**
- **Soybean (Irrigated): K.B-79,MAUS-2(Pooja), Karuna(Vegetable soyabean),KBS-23**
- **Niger (In paddy fallows): G.T-1, Navile-1(tunga),TMV-3, T-7,GKVKS-1**
- **Safflower: Annigeri-1, NARI-6, A-2**
- **Sugarcane: Co-62175, Co-86032, Co-8371 (Bheema), CoVC-99463 (Vishal), VCF-0517 (Baahubali), CoVC-18061, CoVC-16062**
- **Horticultural Crops: Garlic, Brinjal, tomato, potato, cabbage, cauliflower, chilli , Brinjal, watermelon, carrot.**
- **Fodder Crops: Maize: JCET-3**
- **Cowpea: MFC-09-01, MFC-09-03, MFC-08-14**
- **Oats (Fodder Wheat): OS-6, RO 11-1**

- **Bajra–Napier Hybrid Grass: PBN-342**

Weather-Based Crop Stage Advisory (Kodagu Region)		
Crop	**Stage**	**Advisory**
Coffee	Berry formation	Ensure drainage to prevent berry drop and root rot; monitor for fungal diseases due to high humidity; avoid foliar sprays during heavy rain.
Pepper	Vegetative / Climbing	Provide staking/support to vines; ensure good drainage; monitor for fungal leaf spots; delay fertilizer application during intense rain periods.
Cardamom	Vegetative	Improve shade and drainage; avoid water stagnation; prevent fungal diseases with prophylactic sprays during dry intervals.
Paddy	Tillering to panicle initiation stage	Maintain water level (2–3 cm); ensure drainage during heavy rain; apply top dressing fertilizer in rain-free intervals; monitor for pest/disease buildup.
Vegetables	Flowering / Fruiting	Protect from fruit rot and blight with fungicide sprays during dry spells; harvest mature fruits before heavy rainfall; avoid excess irrigation.
Ginger	Vegetative / Rhizome development	Ensure raised beds are not waterlogged; apply fungicides to prevent rhizome rot; provide shade if wind damage risk is high.
Arecanut	Vegetative	Provide support to young palms; avoid basin flooding; spray preventive fungicides if leaf spot appears; clean fallen fronds regularly.
Banana	Vegetative / Bunch development	Provide strong propping to prevent lodging; maintain drainage; apply potash-rich fertilizer after heavy rains to support bunch development.

Sector	Advisory
Livestock	- Provide clean, dry shelter to protect from rain and wind. - Maintain hygiene to prevent hoof and skin infections. - Ensure adequate clean water and balanced nutrition.
Poultry	- Keep sheds well-ventilated but protected from rain and gusty winds. - Maintain dry litter to avoid disease. - Provide vitamin supplements to boost immunity.

Block level weather forecast					
Madikeri					
Parameter	**06.12.2025**	**07.12.2025**	**08.12.2025**	**09.12.2025**	**10.12.2025**
Rainfall (mm)	0	9.8	7	3	0
Max. temp (°C)	26.8	25.9	25.2	25.4	25.7
Min.Temp (°C)	17.5	18.5	18.9	18.2	17.7
Sky condition (Octas)	3	3	5	4	5
Relative humidity (%) 0830 hours	97.3	97.6	96.1	94.7	93.6
Relative humidity (%) 1730 hours	53.8	63.9	67.6	63.7	55.4

Wind Speed (kmph)	5.4	5.5	5.6	7.6	8
Wind Direction	53.1	58.4	75.1	70.7	63.4

Somvarpet					
Parameter	**06.12.2025**	**07.12.2025**	**08.12.2025**	**09.12.2025**	**10.12.2025**
Rainfall (mm)	0	7.8	4.6	2	0
Max. temp (°C)	26.2	25.2	25.2	24.2	25.1
Min.Temp (°C)	16.9	18.4	18.6	17.9	17.4
Sky condition (Octas)	3	3	5	4	5
Relative humidity (%) 0830 hours	96.6	97.5	96	95.8	94.9
Relative humidity (%) 1730 hours	54.4	66.5	66.2	67.2	56.1
Wind Speed (kmph)	4.5	5.9	7.9	9.4	9.4
Wind Direction	76	76	87.4	85.6	85.6

Virajpet					
Parameter	**06.12.2025**	**07.12.2025**	**08.12.2025**	**09.12.2025**	**10.12.2025**
Rainfall (mm)	0	11.9	6.6	3.4	0
Max. temp (°C)	29.6	28.6	28.1	28.5	28.2
Min.Temp (°C)	19.2	20.2	20.1	19.6	19.4
Sky condition (Octas)	3	3	4	3	5
Relative humidity (%) 0830 hours	94.8	97.6	96.2	93.8	90.2
Relative humidity (%) 1730 hours	50.2	60.5	62.4	57.1	51.4
Wind Speed (kmph)	7.2	6.4	6.8	7.6	9.6
Wind Direction	53.1	51.8	64.8	58.6	55.7

- 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

For any information farmers can contact **Dr.Umashankar Kumar, N.**, 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

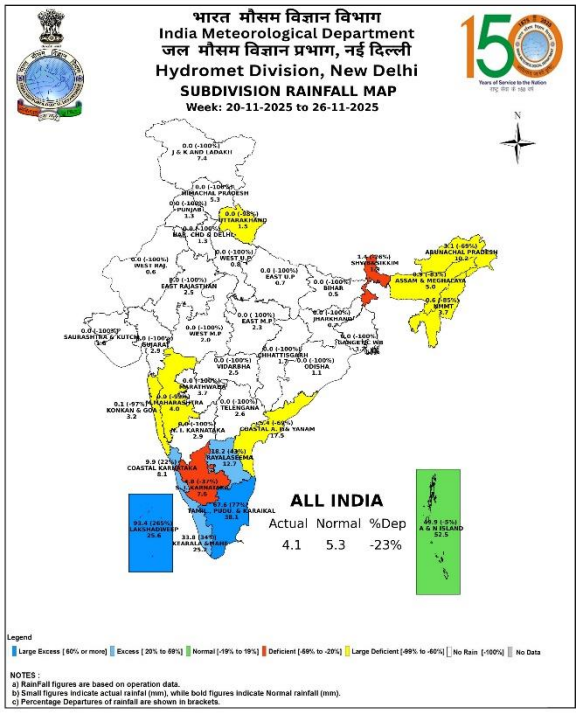
Realized Rainfall and Extended Range Forecast

(वर्षा और तापमान)

(Rainfall and Temperature)

Realized Rainfall

(20th November to 03rd December, 2025)

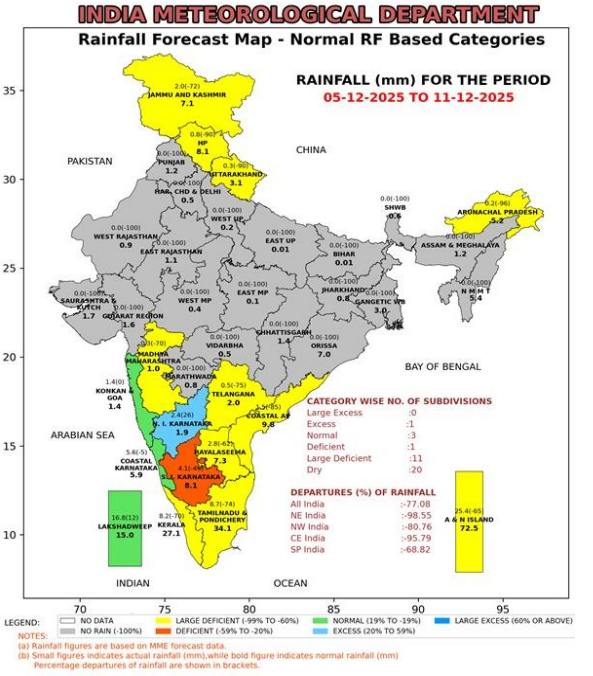


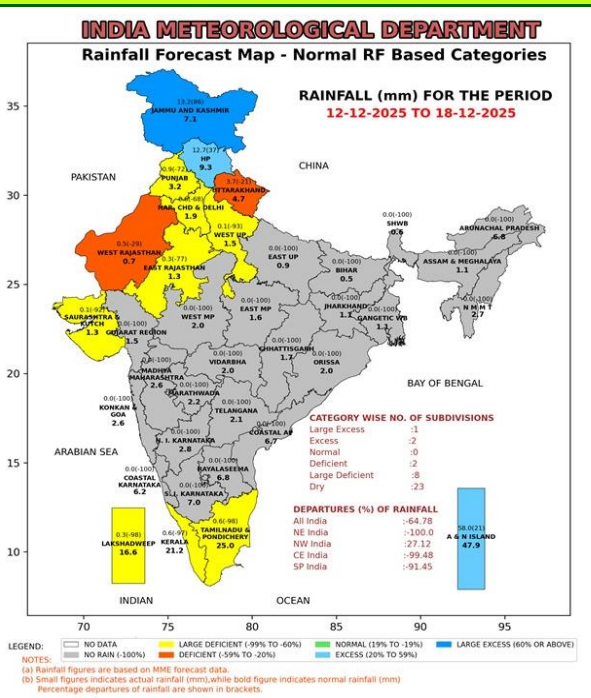


Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 03rd December, 2025)

(05th December to 18th December, 2025)

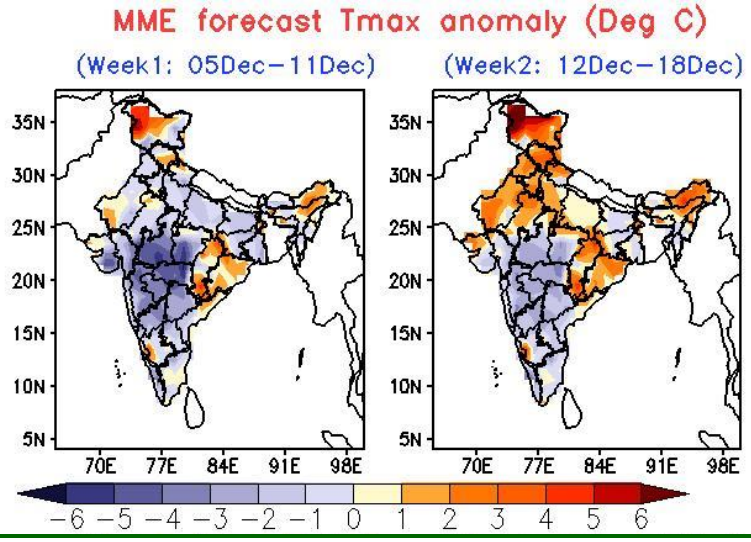




- **Week 1 (05.12.2025 to 11.12.2025):** Rainfall is likely to be below normal over Kerala and Tamil Nadu.

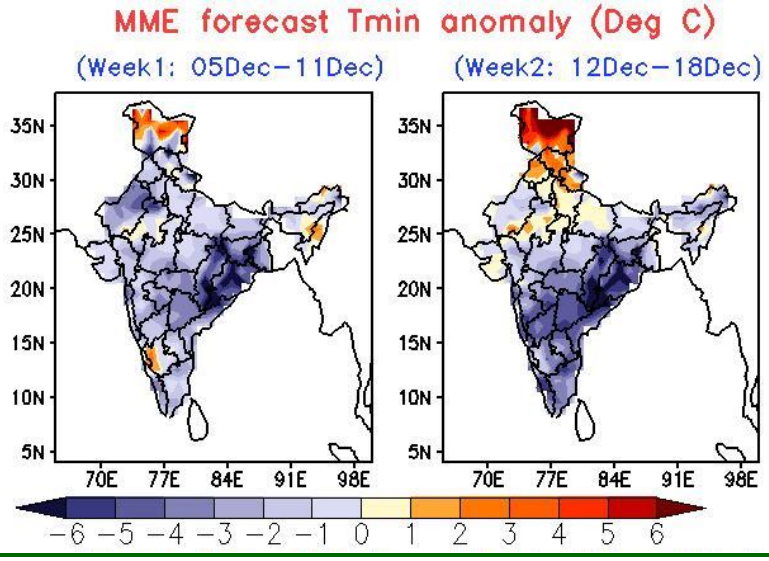
- **Week 2 (12.12.2025 to 18.12.2025):** Rainfall is likely over Jammu & Kashmir and Himachal Pradesh.

Maximum and Minimum temperature anomaly (˚C) forecast
for the next 2 weeks (IC- 03rd December, 2025)
(05th December to 18th December, 2025)



Maximum Temperature (Tmax)

- **Week 1 (05.12.2025 to 11.12.2025):** Maximum temperature is likely to be above normal over Jammu & Kashmir, Himachal Pradesh, Chhattisgarh, Odisha, Arunachal Pradesh, North East Assam, some parts of South Karnataka and Rajasthan. However, it is likely to be below normal over many parts of Central India, West India, North West India, South India and East India.
- **Week 2 (12.12.2025 to 18.12.2025):** Maximum temperature is likely to be above normal over North West India, northern parts of Saurashtra-Kutch, Chhattisgarh, Odisha, Arunachal Pradesh, Assam and some parts of South Karnataka. However, it is likely to be below normal over many parts of Central India, West India, South India, East India and Nagaland, Manipur, Mizoram & Tripura region.



Minimum Temperature (Tmin)

- **Week 1 (05.12.2025 to 11.12.2025):** Minimum temperature is likely to be below normal over most parts of the country except in Jammu & Kashmir, some parts of South Karnataka and Nagaland, Manipur, Mizoram & Tripura region.

- **Week 2 (12.12.2025 to 18.12.2025):** Minimum temperature is likely to be below normal over most parts of the country except many parts of North West India.