

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



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



Date:17-01-2025

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	14.01.2025	15.01.2025	16.01.2025	17.01.2025
Rainfall (mm)	0	0	0	0
Max. Temp. (°C)	29.6	27.4	29.3	29
Min. Temp. (°C)	18.2	19.6	18	17.5
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	97	90	79	89
Relative humidity (%) 1730 hours	-	-	53	-
Wind Speed (km/h)	0	0	0	0
Wind Direction	29.6	27.4	29.3	29

Weather forecast for the next five days (From 18-01-2024 to 22-01-2025)

Parameter	18.01.2025	19.01.2025	20.01.2025	21.01.2025	22.01.2025
Rainfall (mm)	0	0	4	0	0
Max. Temp. (°C)	29.4	27	30.4	31.1	31.7
Min. Temp. (°C)	17	19.1	18.8	16.9	15.9
Sky condition (Octas)	7	8	5	0	4
Relative humidity (%) 0830 hours	92	88	93	73	63
Relative humidity (%) 1730 hours	26	58	33	27	19
Wind Speed (kmph)	8	8	6	5	4
Wind Direction	76	77	74	69	65

Forecast Summary

As forecast received from IMD, cloudy sky with **very light rainfall** may be expected from 18.01.2025 to 22.01.2025 in Kodagu district. The day temperature is expected to be 27-31.7°C & night temperature is expected 15.9°C to 19.1°C. The relative humidity in the morning hours is expected to be 63% to 92% & afternoon relative humidity is expected to be in the range of 19% to 58%. Wind speed expected to be 4-8 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
General Advisory:			
<ul style="list-style-type: none"> • Coffee and Black Pepper: Continue harvesting mature coffee berries and black pepper. Dry the harvested produce under shade to maintain quality and avoid exposure to direct sunlight. • Cardamom: Complete the harvest of mature capsules. Ensure proper drying and storage to prevent fungal infections. • Arecanut and Coconut: Clear fallen nuts and apply organic mulch to conserve soil moisture. Begin preparations for basin formation and manuring. 			

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

Advisory for Livestock and Sericulture			
Category	Advisory	Pests and Diseases	Control Measures
Livestock	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.
Sericulture	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 18-01-2025 to 22-01-2025)					
Madikeri					
Parameter	18.01.2025	19.01.2025	20.01.2025	21.01.2025	22.01.2025
Rainfall (mm)	0.1	0.1	7.3	0.2	0.1
Max. temp (°C)	28.1	27.8	26.6	28.2	29
Min.Temp (°C)	15.7	16.2	18	16.9	15.5
Sky condition (Octas)	3	8	7	2	2

Relative humidity (%) 0830 hours	93.5	92.4	96.8	93.2	76.2
Relative humidity (%) 1730 hours	32.4	27.3	56	38.3	24.2
Wind Speed (kmph)	9.1	8.1	8.4	5.7	5.1
Wind Direction	56.3	57.7	64.5	55.3	45

Somvarpet

Parameter	18.01.2025	19.01.2025	20.01.2025	21.01.2025	22.01.2025
Rainfall (mm)	0.1	0.1	4.9	0.1	0.1
Max. temp (°C)	27.9	27.6	26.2	28.1	28.8
Min.Temp (°C)	15.8	16.2	17.8	16.9	15.4
Sky condition (Octas)	3	8	7	2	2
Relative humidity (%) 0830 hours	92.6	92.1	96	91	77.6
Relative humidity (%) 1730 hours	32.7	27.4	55.8	36	24.6
Wind Speed (kmph)	11.2	9	9	6.8	6.1
Wind Direction	0	87.7	0	87	93.4

Virajpet

Parameter	18.01.2025	19.01.2025	20.01.2025	21.01.2025	22.01.2025
Rainfall (mm)	0.1	0.1	5.2	0	0
Max. temp (°C)	30.4	30	29	30.5	31.4
Min.Temp (°C)	17.4	18	19.2	18.1	16.9
Sky condition (Octas)	4	8	7	2	2
Relative humidity (%) 0830 hours	84.6	83.8	94.1	87.6	67.6
Relative humidity (%) 1730 hours	27.2	23.6	47.3	33.3	19.8
Wind Speed (kmph)	9.9	8.9	9.1	6.1	6.4
Wind Direction	46.4	49.9	56.3	49.7	38.1

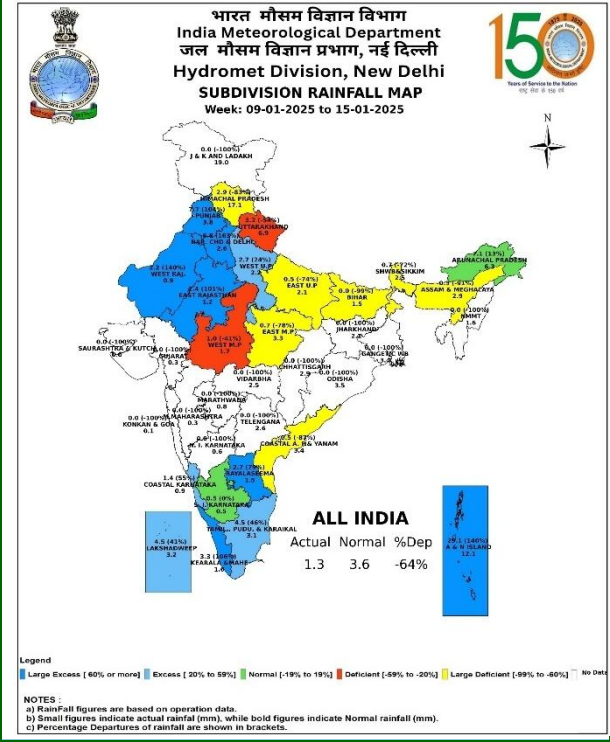
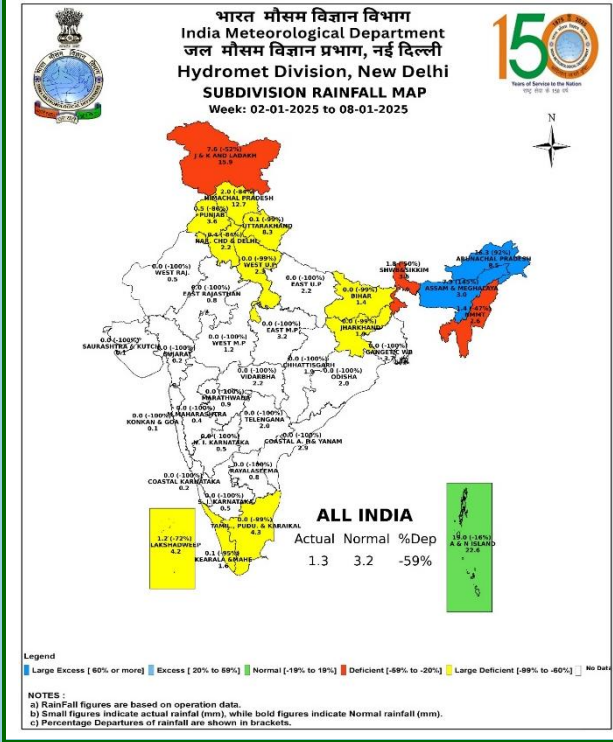
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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

AMFU of IMD,
Naganahalli, Mysuru

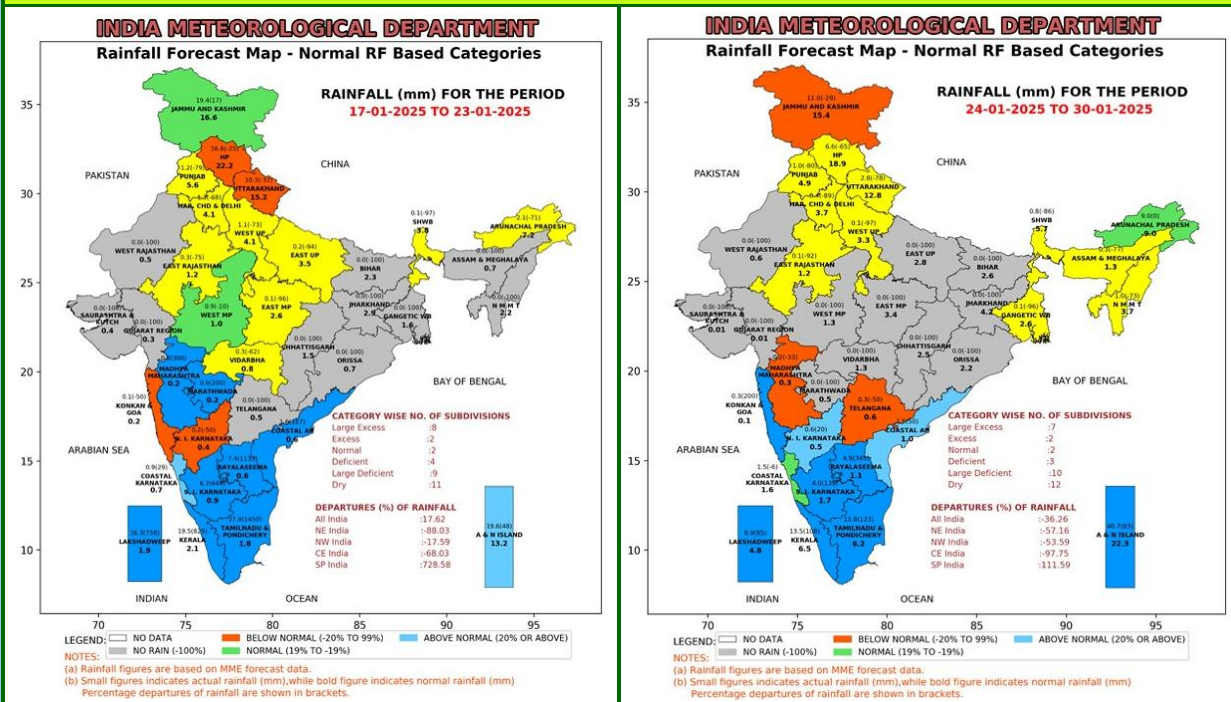
वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान
Realized Rainfall and Extended Range Forecast
 (वर्षा और तापमान)
 (Rainfall and Temperature)

Realized Rainfall
 (02nd to 15th January, 2025)



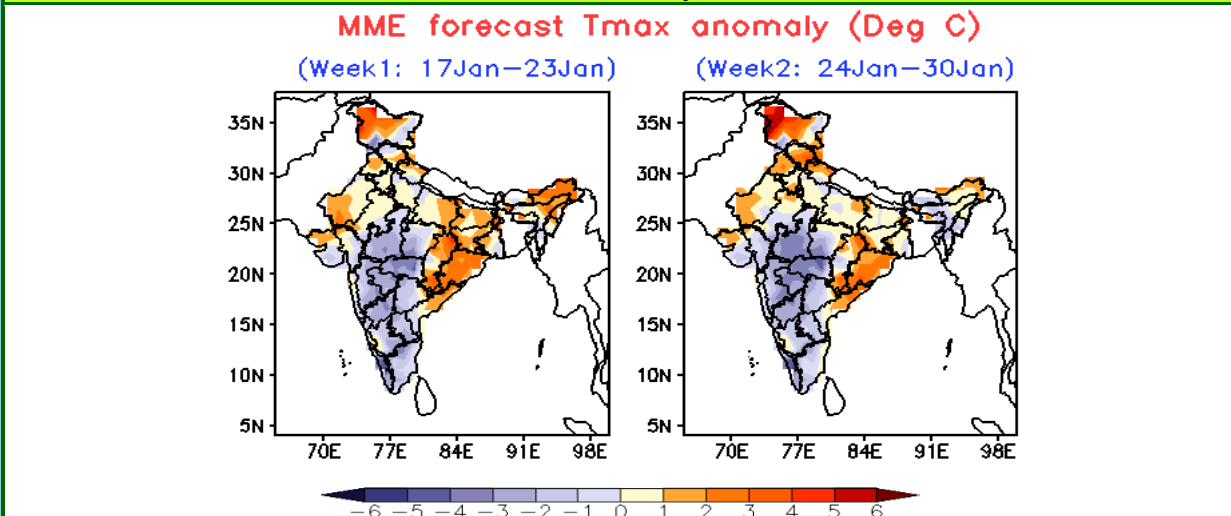
Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 15th January, 2025) (17th to 30th January, 2025)



- **Week 1 (17.01.2025 to 23.01.2025):** Rainfall is likely to be above normal over Tamil Nadu, Kerala and some parts of Rayalaseema. Rainfall activity associated with western disturbances is likely over Jammu & Kashmir, Himachal Pradesh and some parts of Uttarakhand.
- **Week 2 (24.01.2025 to 30.01.2025):** Rainfall is likely to be above normal over some parts of Tamil Nadu and south Kerala. Rainfall activity associated with western disturbances is likely over Jammu & Kashmir and Himachal Pradesh.

Maximum and Minimum temperature anomaly (°C) forecast for the next 2 weeks (IC- 15th January, 2025) (17th to 30th January, 2025)



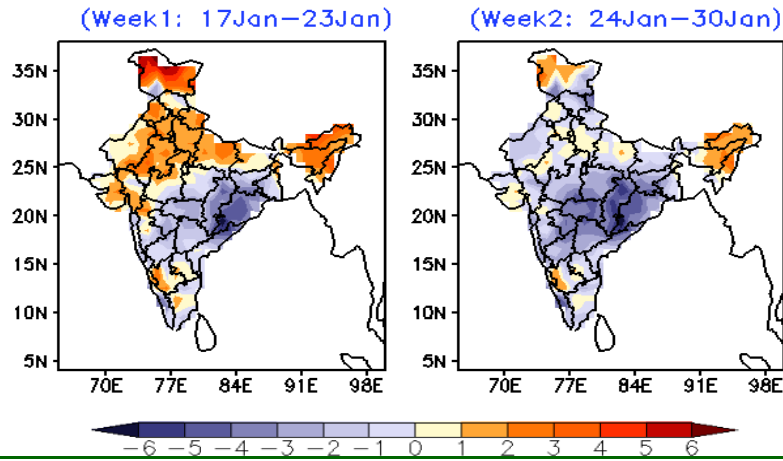
Maximum Temperature (Tmax)

- **Week 1 (17.01.2025 to 23.01.2025):** Maximum temperature is likely to be below normal over Central India, many parts of West India and South India. However, it is likely to be

above normal over East India, North West India, North East India and Chhattisgarh.

- **Week 2 (24.01.2025 to 30.01.2025):** Maximum temperature is likely to be below normal over Central India, many parts of West India and South India. However, it is likely to be above normal over East India, North West India, many parts of Chhattisgarh and Arunachal Pradesh.

MME forecast Tmin anomaly (Deg C)



Minimum Temperature (Tmin)

- **Week 1 (17.01.2025 to 23.01.2025):** Minimum temperature is likely to be below normal over many parts of Central India, East India, Coastal Andhra Pradesh and Kerala. However, it is likely to be above normal over North West India, North East India, Bihar, Gujarat, parts of South India and Madhya Maharashtra.
- **Week 2 (24.01.2025 to 30.01.2025):** Minimum temperature is likely to be below normal or close to normal over most parts of the country. It is likely to be above normal over North East India, some parts of Jammu & Kashmir and Karnataka.