

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



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



Date: 12-07-2024

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	08.07.2024	09.07.2024	10.07.2024	11.07.2024	12.07.2024
Rainfall (mm)	7.5	8	13.5	6.5	16.6
Max. Temp. (°C)	26.2	25.3	26.3	27.4	28.6
Min. Temp. (°C)	19.9	19.2	18.7	20.7	25
Sky condition (Octas)	-	-	-	-	8
Relative humidity (%) 0830 hours	100	98	98	96	98
Relative humidity (%) 1730 hours	86	100	100	100	87
Wind Speed (km/h)	-	-	-	-	-
Wind Direction	-	-	-	-	-

Weather forecast for the next five days (From 13-07-2024 to 17-07-2024)

Parameter	13.07.2024	14.07.2024	15.07.2024	16.07.2024	17.07.2024
Rainfall (mm)	15	30	28	32	40
Max. Temp. (°C)	30.9	28.1	26.8	25.3	25.6
Min. Temp. (°C)	17.8	18.4	18.4	18.1	17.9
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	94	95	95	95	95
Relative humidity (%) 1730 hours	67	81	86	88	93
Wind Speed (kmph)	9	10	12	12	13
Wind Direction	225	252	252	248	248

Forecast Summary

As forecast received from IMD, cloudy sky with moderate to heavy rainfall may be expected from 13.07.2024 to 17.07.2024 in Kodagu district. The day temperature is expected to be 25.3-30.9°C & night temperature is expected 17.8-18.4°C. The relative humidity in the morning hours is expected to be 94-95% & afternoon relative humidity is expected to be in the range of 67-93%. Wind speed expected to be 9-13 km/ hr.

Recommendations to the farmers:

Crop	Pest/Disease	Damage symptoms	Control measures
General Advisory: Safety: Avoid fieldwork during heavy rain to prevent accidents. Ensure workers have proper rain gear. Equipment Maintenance: Keep agricultural equipment covered and perform regular maintenance to prevent damage from moisture.			
Crop Management: Coffee: Pruning: Conduct light pruning to remove dead or diseased branches, improving air circulation and reducing disease risk. Shade Management: Manage shade trees to allow sufficient light, especially during cloudy periods. Cardamom: Disease Control: Monitor for fungal diseases due to high humidity and apply appropriate fungicides as needed. Mulching: Apply mulch to retain soil moisture and reduce weed growth. Black Pepper: Support: Ensure vines are properly supported to prevent damage from wind and rain. Disease Management: Regularly inspect for signs of Phytophthora and apply copper-based fungicides if necessary. Horticulture: Fruits (Citrus, Banana): Pruning: Remove any dead or diseased branches to prevent the spread of disease. Nutrient Management: Apply necessary nutrients to support growth, especially with the expected rainfall. Vegetables: Drainage: Ensure good drainage in vegetable fields to prevent waterlogging, which can lead to root rot. Weed Control: Regular weeding is essential to prevent competition for nutrients and water. Soil and Water Management: Erosion Control: Use contour bunding or terracing to prevent soil erosion due to heavy rainfall. Rainwater Harvesting: Set up rainwater harvesting systems to capture and store rainwater for irrigation during drier periods. Livestock Management: Shelter: Provide adequate shelter to protect livestock from rain and maintain dry bedding to prevent infections. Feed Storage: Keep feed dry and protected from moisture to avoid spoilage.			

Block level weather forecast (From 13-07-2024 to 17-07-2024)**Madikeri**

Parameter	13.07.2024	14.07.2024	15.07.2024	16.07.2024	17.07.2024
Rainfall (mm)	19.4	37	48.6	57.1	40.8
Max. temp (°C)	27.9	25.1	23.9	24	24.1
Min.Temp (°C)	20.5	20.3	20.4	20.5	20.5
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	97	98	98	98	98
Relative humidity (%) 1730 hours	76	95	97	95	97
Wind Speed (kmph)	9	9	11	12	12
Wind Direction	270	288	293	291	249

Somvarpet

Parameter	13.07.2024	14.07.2024	15.07.2024	16.07.2024	17.07.2024
Rainfall (mm)	3	11.6	17.5	25.9	17.1
Max. temp (°C)	28	24.3	23.4	23	22.8
Min.Temp (°C)	19.3	18.8	19.1	19	19
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	93	95	94	95	95
Relative humidity (%) 1730 hours	66	90	88	89	93
Wind Speed (kmph)	16	15	18	19	19
Wind Direction	283	288	293	283	270

Virajpet

Parameter	13.07.2024	14.07.2024	15.07.2024	16.07.2024	17.07.2024
Rainfall (mm)	15.2	33.3	39.6	42.1	27.9
Max. temp (°C)	28.4	25	23.9	24	23.8
Min.Temp (°C)	21.6	21.5	21.4	21.6	21.5
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	97	97	98	98	98
Relative humidity (%) 1730 hours	72	94	96	95	96
Wind Speed (kmph)	8	7	9	10	11
Wind Direction	248	248	248	248	248

- 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