

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



**GRAMIN KRISHI MAUSAM SEWA
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MYSURU - 570003**



Date: 15-03-2024

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Weather forecast for the next five days (From 16-03-2024 to 20-03-2024)

Parameter	16.03.2024	17.03.2024	18.03.2024	19.03.2024	20.03.2024
Rainfall (mm)	1	0	0	0	0
Max. Temp. (°C)	34.5	35.6	37.2	37.4	36.6
Min. Temp. (°C)	16.9	15.8	15.2	15.4	15.7
Sky condition (Octas)	2	1	0	0	0
Relative humidity (%) 0830 hours	78	78	78	81	86
Relative humidity (%) 1730 hours	33	33	24	22	28
Wind Speed (kmph)	5	5	6	6	6
Wind Direction	248	158	195	158	112

Forecast Summary

As forecast received from IMD, Clear sky with very light rainfall may be expected from 16.03.2024 to 20.03.2024 in Kodagu district. The day temperature is expected to be 34.5-37.2°C & night temperature is expected 15.2-16.9°C. The relative humidity in the morning hours is expected to be 78-86% & afternoon relative humidity is expected to be in the range of 22-33%. Wind speed expected to be 5-6 km/ hr.

Recommendations to the farmers:

Crop	Pest/Disease	Damage symptoms	Control measures
<ul style="list-style-type: none"> Mulching with crop residues in crop fields will minimize water loss through evapotranspiration. Farmers should provide protective irrigation if rainfall does not occur at the critical stage of crop growth. Take deep summer ploughing after harvesting of Rabi crops, due to overturning of the soil in summer ploughing the sharp rays of sun enters the soil and kills the eggs, larvae and pupae of pests. This avoids the spread of the pests in the next growing season. Due to dry weather prevail for next four days, farmers may take up irrigation to the dry land horticultural crops and other field crops depending on soil and crop condition. 			

<ul style="list-style-type: none"> As dry weather is predicted for the next five days, care should be taken to maintain the optimum moisture level of 60% in vermicompost pits. 	
COFFEE	Harvested coffee has to be sun dried to its standard moisture content, and stored in a well ventilated dry place. • After harvesting it is advised to collect (gleaning) coffee berries completely from the plant and fallen berries from the ground to avoid berry borer incidence.
BLACK PEPPER	Dry weather conditions will prevail for the next 4 days, mulch the basins of pepper vine with dry leaves to conserve soil moisture and to avoid general yellowing and provide irrigation of 50 litres of water every week per vine.
Cattle management during summer months	<ul style="list-style-type: none"> Maximum temperature expected to rise in coming days so tie the livestock animals in shade / cool place. Put 4-6 inches of grass cover on the cattle shed, water 2-3 times in the afternoon and also water the floor and walls of the cattle shed. This keeps the cattle shed fairly cool. Arrangements should be made so that air can flow easily in the cattle shed. Clean water should be given to the cattles. Don't allowed the cattle to graze during afternoon period when the temperature is high, cattles should be allowed to graze in the morning or evening time.

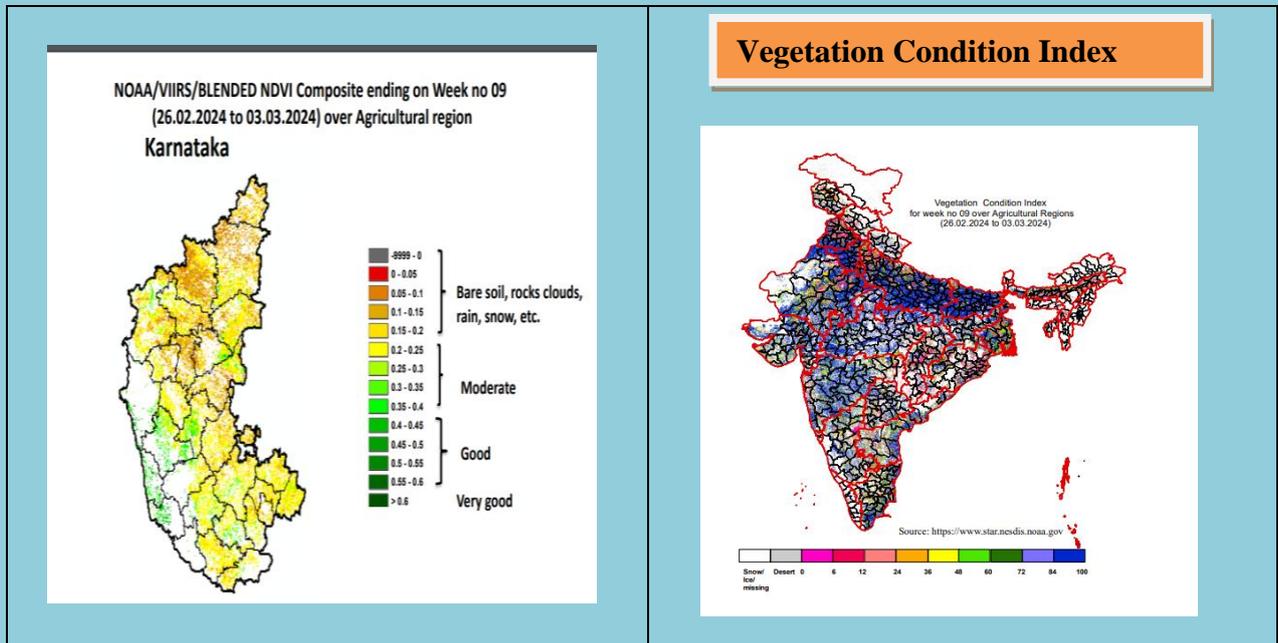
Block level weather forecast (From 16-03-2024 to 20-03-2024)

Madikeri					
Parameter	16.03.2024	17.03.2024	18.03.2024	19.03.2024	20.03.2024
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	32.4	32.2	34.5	34.6	33.6
Min.Temp (°C)	21	19.8	19	19.5	19.8
Sky condition (Octas)	3	1	1	1	1
Relative humidity (%) 0830 hours	85	80	83	87	95
Relative humidity (%) 1730 hours	31	33	23	21	27
Wind Speed (kmph)	4	4	3	3	4
Wind Direction	252	135	68	293	259

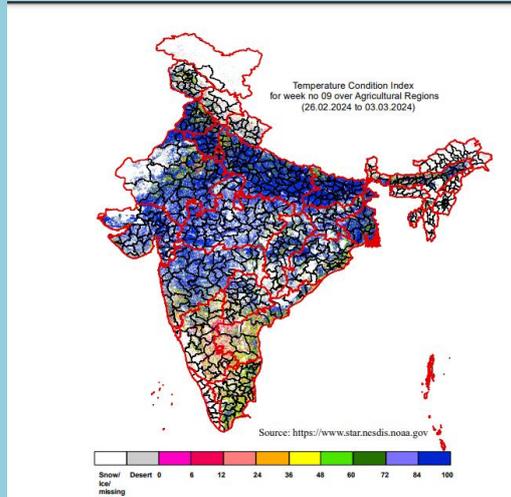
Somvarpet					
Parameter	16.03.2024	17.03.2024	18.03.2024	19.03.2024	20.03.2024
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	34.5	30.4	32.1	31.5	33.9
Min.Temp (°C)	18.2	17	16.4	16.8	17.3

Sky condition (Octas)	2	1	0	1	1
Relative humidity (%) 0830 hours	80	79	81	83	88
Relative humidity (%) 1730 hours	28	32	17	21	25
Wind Speed (kmph)	5	5	6	5	4
Wind Direction	285	113	101	68	252

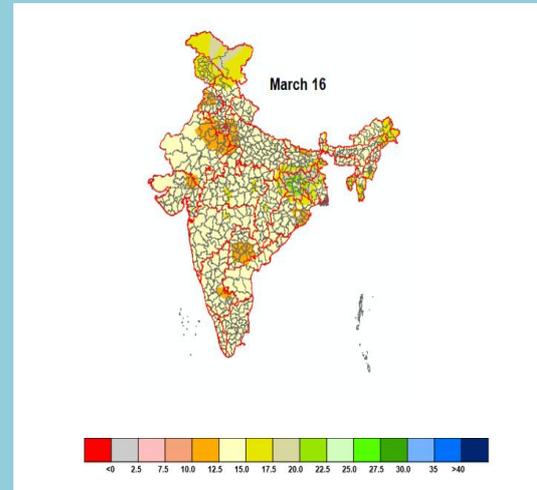
Virajpet					
Parameter	16.03.2024	17.03.2024	18.03.2024	19.03.2024	20.03.2024
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	31.6	32	35.3	35	33.4
Min.Temp (°C)	22.3	21	20.7	20.8	21.5
Sky condition (Octas)	2	1	0	1	1
Relative humidity (%) 0830 hours	83	86	79	84	91
Relative humidity (%) 1730 hours	35	34	20	19	27
Wind Speed (kmph)	5	4	4	4	5
Wind Direction	75	225	60	158	248



Temperature Condition Index



Forecasted soil moisture



Farmers facing high temperatures, low soil moisture and reduced vegetation should prioritize efficient irrigation techniques, such as drip irrigation and implement mulching to conserve moisture and mitigate evaporation. Opting for drought-resistant crops and employing soil conservation methods like cover cropping can help maintain soil health and resilience.

- 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, Research Assoicateover phone No. 0821-259126/ 9535345814.

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