

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



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Date: 07-03-2024

**AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

**Weather forecast for the next five days (From 08-03-2024 to 12-03-2024)**

Parameter	08.03.2024	09.03.2024	10.03.2024	11.03.2024	12.03.2024
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	37.7	39	37.2	36.3	38.6
Min. Temp. (°C)	15.5	15.1	16.7	16.8	15.3
Sky condition (Octas)	3	1	4	4	1
Relative humidity (%) 0830 hours	72	74	75	77	69
Relative humidity (%) 1730 hours	26	22	23	25	20
Wind Speed (kmph)	5	6	5	6	7
Wind Direction	165	180	248	199	118

**Forecast Summary**

As forecast received from IMD, Cloudy sky with no rainfall may be expected from 08.03.2024 to 12.03.2024 in Kodagu district. The day temperature is expected to be 36.3-39°C & night temperature is expected 15.1-16.8°C. The relative humidity in the morning hours is expected to be 69-77% & afternoon relative humidity is expected to be in the range of 20-26%. Wind speed expected to be 5-7 km/ hr.

**Recommendations to the farmers:**

Crop	Pest/Disease	Damage symptoms	Control measures
		<ul style="list-style-type: none"> <li>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 avoid the spread of the pests in the next growing season.</li> <li>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.</li> </ul>	
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.	

<b>BLACK PEPPER</b>	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.
<b>Cattle management during summer months</b>	<ul style="list-style-type: none"> <li>• Maximum temperature expected to rise in coming days so tie the livestock animals in shade / cool place.</li> <li>• 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.</li> <li>• Arrangements should be made so that air can flow easily in the cattle shed.</li> <li>• Clean water should be given to the cattles.</li> <li>• 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.</li> </ul>

### Block level weather forecast (From 08-03-2024 to 12-03-2024)

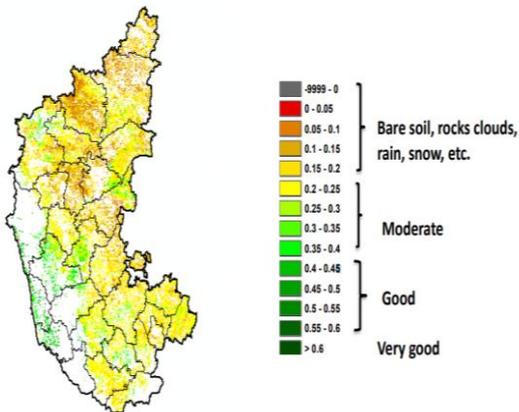
<b>Madikeri</b>					
<b>Parameter</b>	<b>08.03.2024</b>	<b>09.03.2024</b>	<b>10.03.2024</b>	<b>11.03.2024</b>	<b>12.03.2024</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	34.5	34.5	32.5	34.2	32.3
<b>Min.Temp (°C)</b>	19.1	18.7	19.5	20.5	20.4
<b>Sky condition (Octas)</b>	4	3	5	5	4
<b>Relative humidity (%) 0830 hours</b>	73	81	84	84	78
<b>Relative humidity (%) 1730 hours</b>	24	19	22	25	21
<b>Wind Speed (kmph)</b>	3	4	4	4	5
<b>Wind Direction</b>	270	285	288	105	105

<b>Somvarpet</b>					
<b>Parameter</b>	<b>08.03.2024</b>	<b>09.03.2024</b>	<b>10.03.2024</b>	<b>11.03.2024</b>	<b>12.03.2024</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	33.5	34.5	33.7	34.7	31.7
<b>Min.Temp (°C)</b>	16.3	16.2	17.2	17.9	17.5
<b>Sky condition (Octas)</b>	3	2	5	5	3
<b>Relative humidity (%) 0830 hours</b>	69	75	77	82	66
<b>Relative humidity (%) 1730 hours</b>	21	18	18	24	20
<b>Wind Speed (kmph)</b>	5	6	5	6	8
<b>Wind Direction</b>	270	285	270	135	99

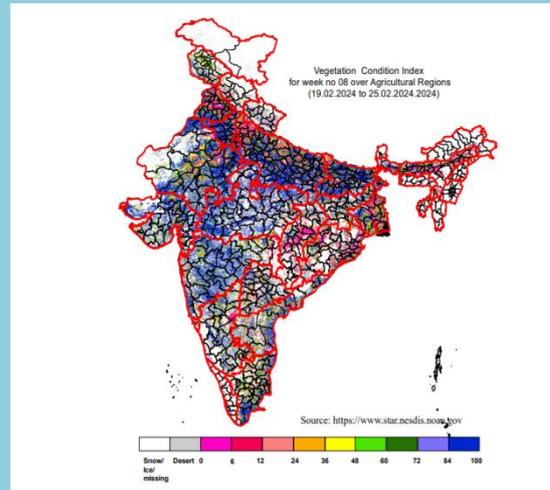
## Virajpet

Parameter	08.03.2024	09.03.2024	10.03.2024	11.03.2024	12.03.2024
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	34.3	35	33	34.6	34.3
Min.Temp (°C)	20.6	20	20.6	21.8	21.3
Sky condition (Octas)	4	3	4	5	3
Relative humidity (%) 0830 hours	73	77	80	77	71
Relative humidity (%) 1730 hours	24	21	23	24	18
Wind Speed (kmph)	4	4	5	5	5
Wind Direction	255	248	252	75	68

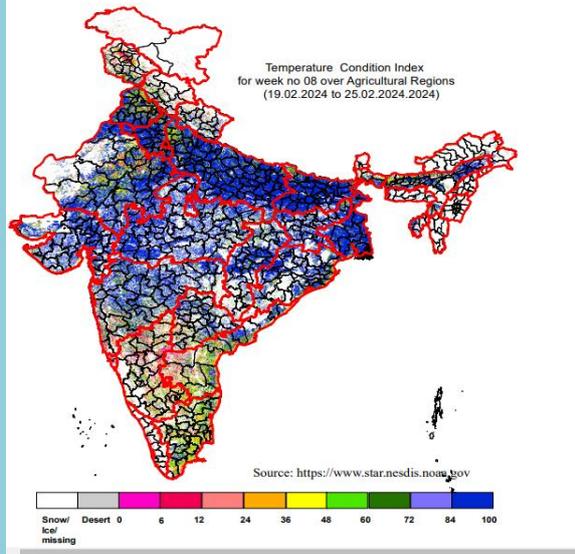
NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 08  
(19.02.2024 to 25.02.2024) over Agricultural region  
Karnataka



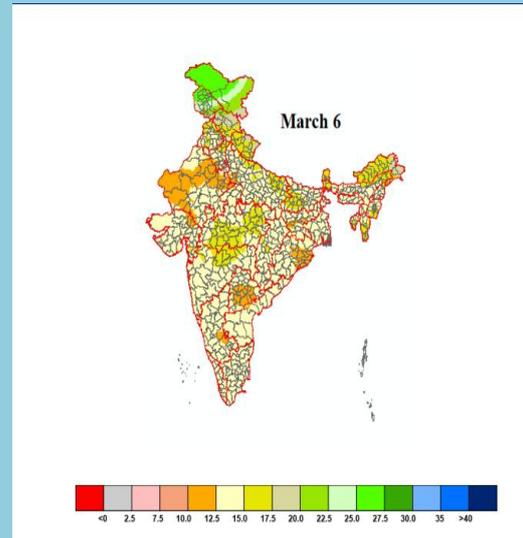
## Vegetation Condition Index



### 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](http://mausam.imd.gov.in)

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

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