

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



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Date: 01-03-2024

**AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

**Weather forecast for the next five days (From 02-03-2024 to 06-03-2024)**

Parameter	02.03.2024	03.03.2024	04.03.2024	05.03.2024	06.03.2024
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	37	35	37	37	38
Min. Temp. (°C)	14	14	15	16	16
Sky condition (Octas)	2	2	2	2	2
Relative humidity (%) 0830 hours	77	92	88	81	72
Relative humidity (%) 1730 hours	15	20	25	26	26
Wind Speed (kmph)	6	6	6	5	5
Wind Direction	112	189	195	202	135

**Forecast Summary**

As forecast received from IMD, Cloudy sky with no rainfall may be expected from 02.03.2024 to 06.03.2024 in Kodagu district. The day temperature is expected to be 35-38°C & night temperature is expected 14-16°C. The relative humidity in the morning hours is expected to be 72-92% & afternoon relative humidity is expected to be in the range of 15-26%. 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"> <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 02-03-2024 to 07-03-2024)

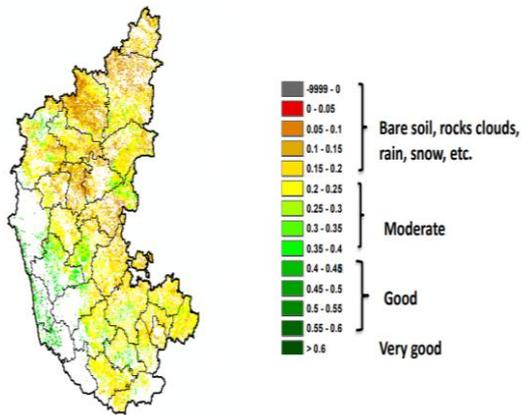
<b>Madikeri</b>					
<b>Parameter</b>	<b>02.03.2024</b>	<b>03.03.2024</b>	<b>04.03.2024</b>	<b>05.03.2024</b>	<b>06.03.2024</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	32.2	34.4	35.7	35.8	35.8
<b>Min.Temp (°C)</b>	18.2	18.1	18.5	18.8	19.5
<b>Sky condition (Octas)</b>	6	8	6	4	5
<b>Relative humidity (%) 0830 hours</b>	95	99	98	94	76
<b>Relative humidity (%) 1730 hours</b>	15	14	27	26	28
<b>Wind Speed (kmph)</b>	6	4	3	4	4
<b>Wind Direction</b>	105	90	295	60	296

<b>Somvarpet</b>					
<b>Parameter</b>	<b>02.03.2024</b>	<b>03.03.2024</b>	<b>04.03.2024</b>	<b>05.03.2024</b>	<b>06.03.2024</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	31.3	32.4	36.2	35.8	36.2
<b>Min.Temp (°C)</b>	15.2	15	16	16.4	17.3
<b>Sky condition (Octas)</b>	5	8	5	4	4
<b>Relative humidity (%) 0830 hours</b>	82	97	95	91	69
<b>Relative humidity (%) 1730 hours</b>	19	18	21	22	26
<b>Wind Speed (kmph)</b>	9	6	4	5	4
<b>Wind Direction</b>	105	108	288	289	30

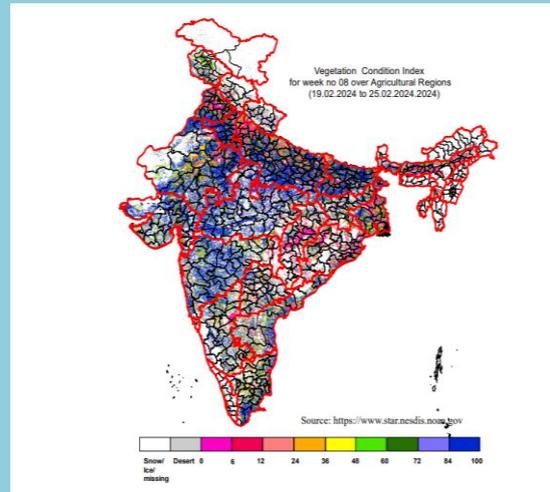
## Virajpet

Parameter	02.03.2024	03.03.2024	04.03.2024	05.03.2024	06.03.2024
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	32.7	34.2	35.1	34.3	35.6
Min.Temp (°C)	19.8	19.6	20.3	20.5	21.3
Sky condition (Octas)	6	7	5	4	4
Relative humidity (%) 0830 hours	91	97	94	92	73
Relative humidity (%) 1730 hours	13	12	24	24	25
Wind Speed (kmph)	6	5	4	4	4
Wind Direction	65	113	243	23	60

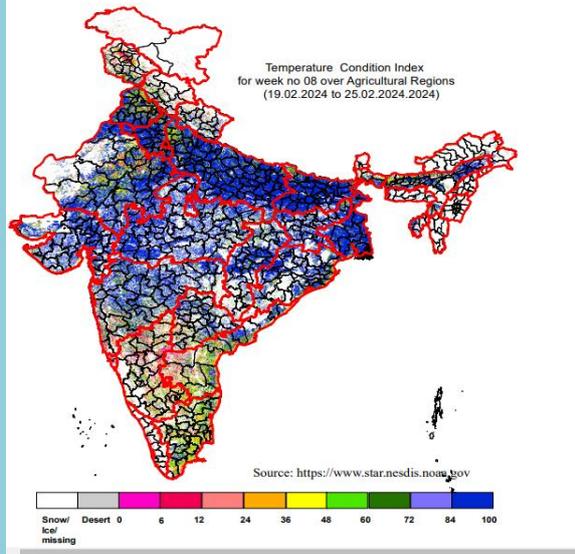
NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 08  
(19.02.2024 to 25.02.2024) over Agricultural region  
Karnataka



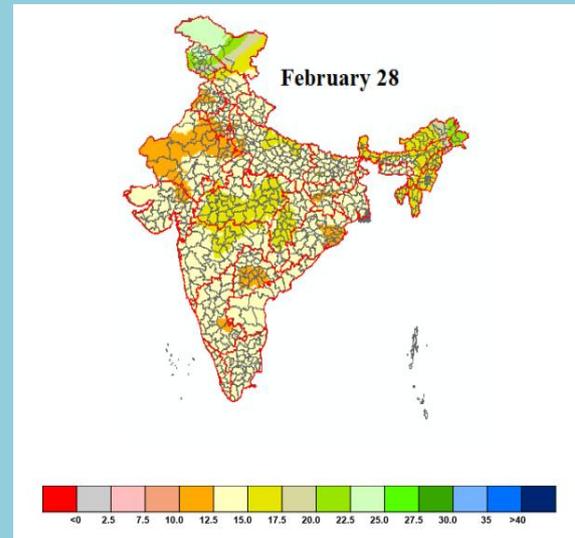
## Vegetation Condition Index



### 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. Additionally, monitoring for pests and diseases while diversifying crops can contribute to sustaining agricultural productivity under challenging environmental conditions.

- 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 Assoicateover phone No. 0821-259126/ 9535345814.

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