

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



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MYSURU - 570003**



Date: 28-03-2024

**AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

**Weather forecast for the next five days (From 29-03-2024 to 02-04-2024)**

Parameter	29.03.2024	30.03.2024	31.03.2024	01.04.2024	02.04.2024
Rainfall (mm)	0	0	0	4	0
Max. Temp. (°C)	33	34	34	33	33
Min. Temp. (°C)	19	19	20	20	20
Sky condition (Octas)	4	2	4	4	5
Relative humidity (%) 0830 hours	94	89	97	94	92
Relative humidity (%) 1730 hours	23	22	21	28	23
Wind Speed (kmph)	6	6	7	6	6
Wind Direction	180	180	180	205	215

**Forecast Summary**

As forecast received from IMD, Partially cloudy sky with very light rainfall may be expected from 29.03.2024 to 02.04.2024 in Kodagu district. The day temperature is expected to be 33-34°C & night temperature is expected 19-20°C. The relative humidity in the morning hours is expected to be 89-97% & afternoon relative humidity is expected to be in the range of 21-28%. Wind speed expected to be 6-7 km/ hr.

**Recommendations to the farmers:**

Crop	Pest/Disease	Damage symptoms	Control measures
<ul style="list-style-type: none"> <li>Given the prevailing dry conditions and absence of rainfall, it is recommended to administer multiple blossom showers using sprinklers. This method ensures consistent coverage and effective distribution of water throughout the plantation, thereby preserving the viability of pollen and facilitating optimal pollination.</li> <li>Due to dry weather and no rainfall for several days, it is advisable to administer back showers. This practice facilitates the fruit-setting process without any disruption from rainwater interference.</li> <li>Prune coffee plants to maintain an open canopy structure, which helps improve air circulation and reduces heat buildup within the canopy. Proper pruning also facilitates better sunlight</li> </ul>			

penetration and promotes uniform ripening of coffee cherries.

- Apply organic mulch around the base of coffee plants to conserve soil moisture, suppress weed growth and regulate soil temperature. Mulching also improves soil structure and fertility over time.

<b>COFFEE</b>	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>	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>

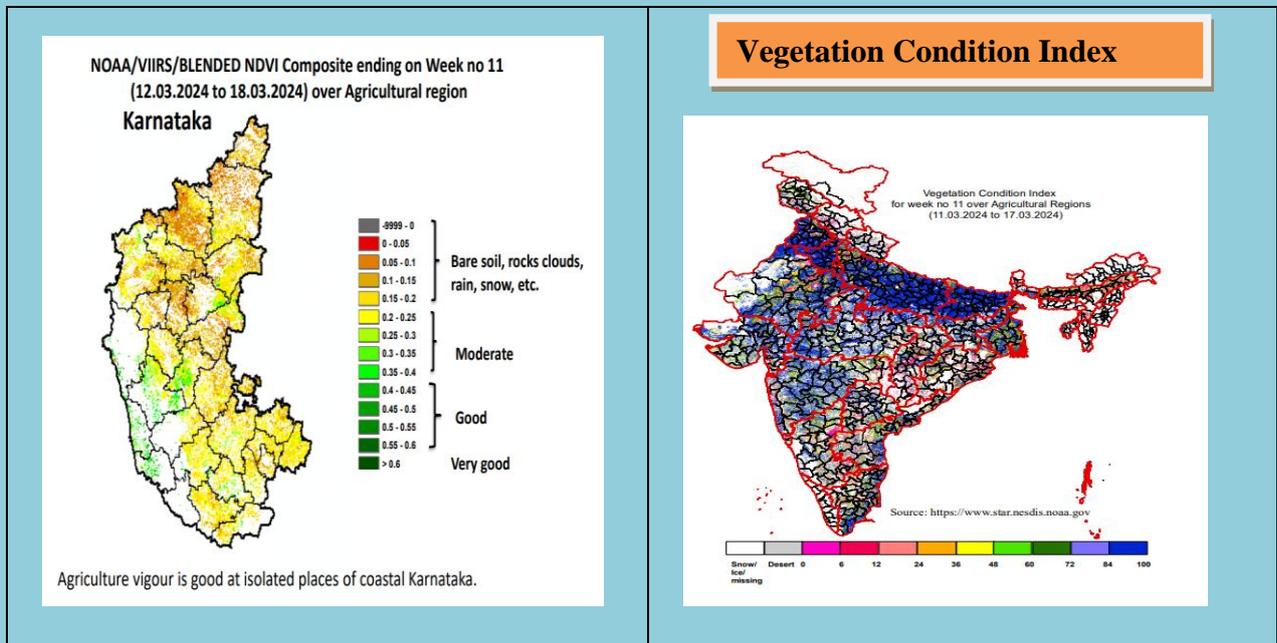
### Block level weather forecast (From 29-03-2024 to 02-04-2024)

<b>Madikeri</b>					
<b>Parameter</b>	<b>29.03.2024</b>	<b>30.03.2024</b>	<b>31.03.2024</b>	<b>01.04.2024</b>	<b>02.04.2024</b>
<b>Rainfall (mm)</b>	0	0	0	0.2	0
<b>Max. temp (°C)</b>	34.7	34	33.5	35.4	37.1
<b>Min.Temp (°C)</b>	5	3	4	5	5
<b>Sky condition (Octas)</b>	20	19.9	19.3	19.9	20.6
<b>Relative humidity (%) 0830 hours</b>	98	92	98	98	95
<b>Relative humidity (%) 1730 hours</b>	13	30	15	14	15
<b>Wind Speed (kmph)</b>	5	3	5	4	3
<b>Wind Direction</b>	255	293	120	113	252

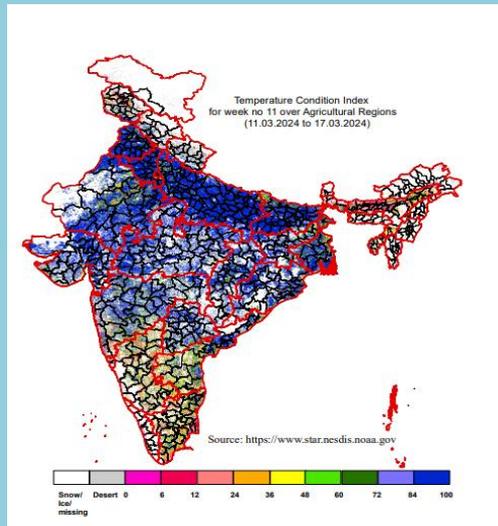
<b>Somvarpet</b>					
<b>Parameter</b>	<b>29.03.2024</b>	<b>30.03.2024</b>	<b>31.03.2024</b>	<b>01.04.2024</b>	<b>02.04.2024</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	32.9	34.9	32.8	34	35.7

<b>Min.Temp (°C)</b>	4	2	4	4	4
<b>Sky condition (Octas)</b>	16.9	17.4	16.2	16.8	17.7
<b>Relative humidity (%) 0830 hours</b>	97	92	97	96	93
<b>Relative humidity (%) 1730 hours</b>	16	24	18	14	15
<b>Wind Speed (kmph)</b>	8	5	8	7	6
<b>Wind Direction</b>	259	120	251	281	259

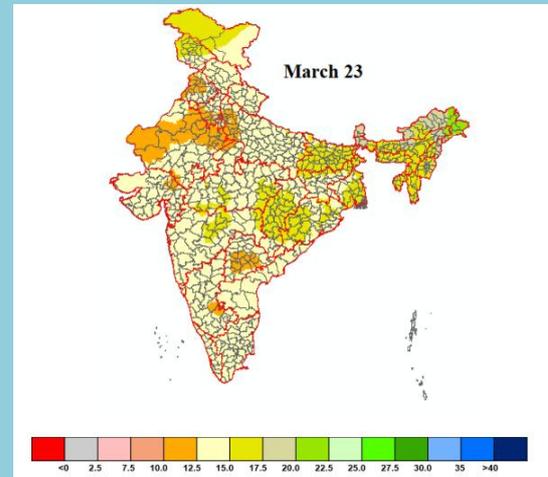
<b>Virajpet</b>					
<b>Parameter</b>	<b>29.03.2024</b>	<b>30.03.2024</b>	<b>31.03.2024</b>	<b>01.04.2024</b>	<b>02.04.2024</b>
<b>Rainfall (mm)</b>	0	0	0	0.1	0
<b>Max. temp (°C)</b>	35.6	34.7	34.9	35.3	36.7
<b>Min.Temp (°C)</b>	3	2	3	4	4
<b>Sky condition (Octas)</b>	21.3	21.4	20.7	21.2	21.5
<b>Relative humidity (%) 0830 hours</b>	97	88	97	98	93
<b>Relative humidity (%) 1730 hours</b>	13	25	14	15	15
<b>Wind Speed (kmph)</b>	5	3	5	4	3
<b>Wind Direction</b>	251	360	113	270	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](http://mausam.imd.gov.in)

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

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