

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



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MYSURU - 570003**



Date: 19-03-2024

**AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

**Weather forecast for the next five days (From 20-03-2024 to 24-03-2024)**

Parameter	20.03.2024	21.03.2024	22.03.2024	23.03.2024	24.03.2024
Rainfall (mm)	0	1	5	4	3
Max. Temp. (°C)	37	37	35	33	34
Min. Temp. (°C)	16	17	16	17	16
Sky condition (Octas)	1	3	3	3	3
Relative humidity (%) 0830 hours	70	78	89	89	90
Relative humidity (%) 1730 hours	26	26	36	40	37
Wind Speed (kmph)	5	6	5	5	5
Wind Direction	165	158	180	195	162

**Forecast Summary**

As forecast received from IMD, Partially cloudy sky with light rainfall may be expected from 20.03.2024 to 24.03.2024 in Kodagu district. The day temperature is expected to be 33-37°C & night temperature is expected 16-17°C. The relative humidity in the morning hours is expected to be 70-90% & afternoon relative humidity is expected to be in the range of 26-40%. 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>Mulching with crop residues in crop fields will minimize water loss through evapotranspiration.</li> <li>Farmers should provide protective irrigation if rainfall does not occur at the critical stage of crop growth.</li> <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 avoids 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>			

<ul style="list-style-type: none"> <li>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.</li> </ul>	
<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>

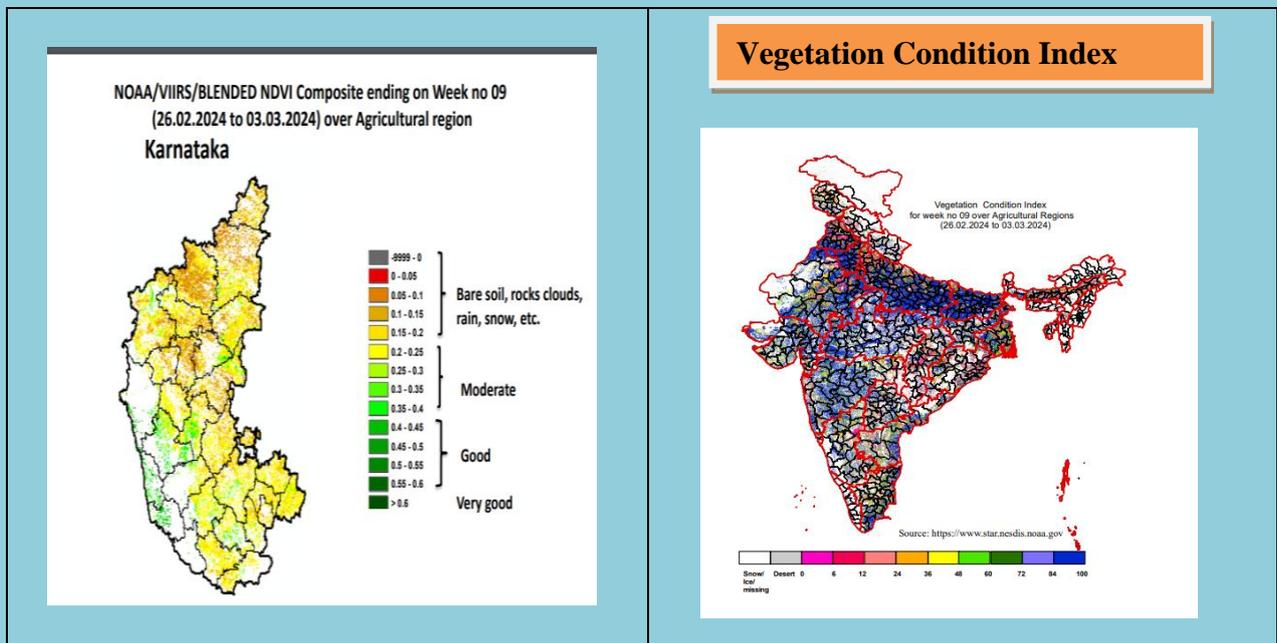
### Block level weather forecast (From 20-03-2024 to 24-03-2024)

<b>Madikeri</b>					
<b>Parameter</b>	<b>20.03.2024</b>	<b>21.03.2024</b>	<b>22.03.2024</b>	<b>23.03.2024</b>	<b>24.03.2024</b>
<b>Rainfall (mm)</b>	0	0.2	5.8	12	10.8
<b>Max. temp (°C)</b>	34	34	32	30	29
<b>Min.Temp (°C)</b>	20	20	19	20	20
<b>Sky condition (Octas)</b>	2	3	3	3	3
<b>Relative humidity (%) 0830 hours</b>	84	96	98	98	95
<b>Relative humidity (%) 1730 hours</b>	27	29	31	38	44
<b>Wind Speed (kmph)</b>	3	4	3	3	4
<b>Wind Direction</b>	120	248	236	296	105

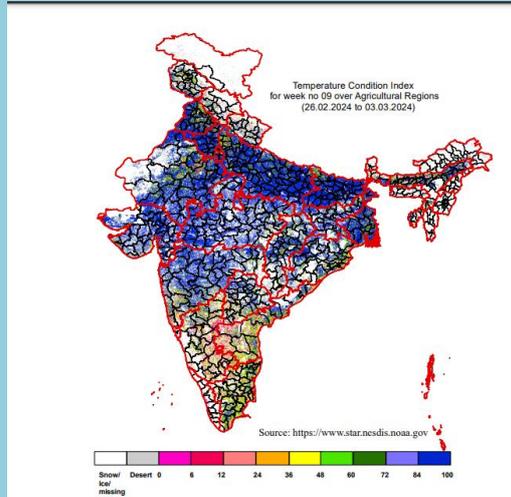
<b>Somvarpet</b>					
<b>Parameter</b>	<b>20.03.2024</b>	<b>21.03.2024</b>	<b>22.03.2024</b>	<b>23.03.2024</b>	<b>24.03.2024</b>
<b>Rainfall (mm)</b>	0	0	5.9	6.4	2.5
<b>Max. temp (°C)</b>	32	35	34	31	32
<b>Min.Temp (°C)</b>	17	17	17	18	17

<b>Sky condition (Octas)</b>	2	1	3	3	3
<b>Relative humidity (%) 0830 hours</b>	80	89	95	94	91
<b>Relative humidity (%) 1730 hours</b>	28	29	29	30	34
<b>Wind Speed (kmph)</b>	4	6	5	5	5
<b>Wind Direction</b>	153	255	252	296	289

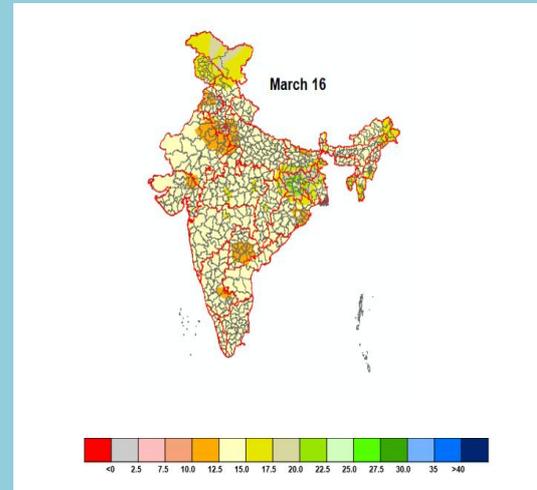
<b>Virajpet</b>					
<b>Parameter</b>	<b>20.03.2024</b>	<b>21.03.2024</b>	<b>22.03.2024</b>	<b>23.03.2024</b>	<b>24.03.2024</b>
<b>Rainfall (mm)</b>	0	0.1	4.1	7.3	5.8
<b>Max. temp (°C)</b>	35	34	33	33	32
<b>Min.Temp (°C)</b>	21	21	21	21	22
<b>Sky condition (Octas)</b>	1	3	3	3	3
<b>Relative humidity (%) 0830 hours</b>	84	95	98	95	93
<b>Relative humidity (%) 1730 hours</b>	26	30	31	35	36
<b>Wind Speed (kmph)</b>	4	5	4	4	5
<b>Wind Direction</b>	248	255	245	68	243



## 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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