



Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Shivamogga, Karnataka

Gramin Krishi Mausam Sewa Project

Agromet Advisory Service Bulletin for Dakshina Kannada District

(Issued jointly by India Meteorological Department, Pune & MC, Bengaluru and GKMS, Zonal Agricultural and Horticultural Research Station, Brahmavar-576213 Udupi District, Karnataka)



Weather Forecast from 21.12.2022 to 25.12.2022

No. GKMSB/094/2022

Date: 20.12.2022

Weather Forecast Issued by the India Meteorological Department for Dakshina Kannada District for the coming five days – until 0830 hrs of 21.12.2022 to 25.12.2022

Sl. No	Weather Parameters	Day-1 (21.12.2022)	Day-2 (22.12.2022)	Day-3 (23.12.2022)	Day-4 (24.12.2022)	Day-5 (25.12.2022)	Past Week Mean	Forecast Mean
1	Rainfall (mm)	0	0	0	0	0	0	0
2	Max Temp (°C)	33	33	33	34	34	33.4	33.4=
3	Min Temp (°C)	22	23	22	22	22	20.2	22.2↑
4	Cloud cover (Okta)	0	0	1	2	2	1	1=
5	Max. Relative Humidity (%)	82	80	81	80	81	86.4	80.8↓
6	Min. Relative Humidity (%)	50	50	48	46	48	49.6	48.4↓
7	Wind Speed (Kmph)	1	1	1	1	1	4.4	1↓
8	Wind Direction (°)	71	70	73	75	71	256	72↓
9	Forecast Warning	DRY	DRY	DRY	DRY	DRY		
10	Chance of Occurrence (%)	0	0	0	0	0		

As per the extended range rainfall forecast given by IMD, New Delhi and MC, Bangalore for coastal region of Karnataka including Dakshina Kannada district the rainfall will be Normal from 25.12.2022 to 31.12.2022

Summary of Weather Forecast for next Five days

As per the Weather forecast issued by the India Meteorological Department, Pune and Bengaluru for Dakshina Kannada district, **DRY weather followed by next five days**. The maximum temperature would be around **33-34°C** and minimum temperature would be around **22-23°C** to during next five days. The Morning Relative humidity (RH) would vary from **80-82 per cent**, Evening Relative humidity (RH) would vary from **46-50 per cent** and wind speed will be in the range of **1-1 km/hr**.

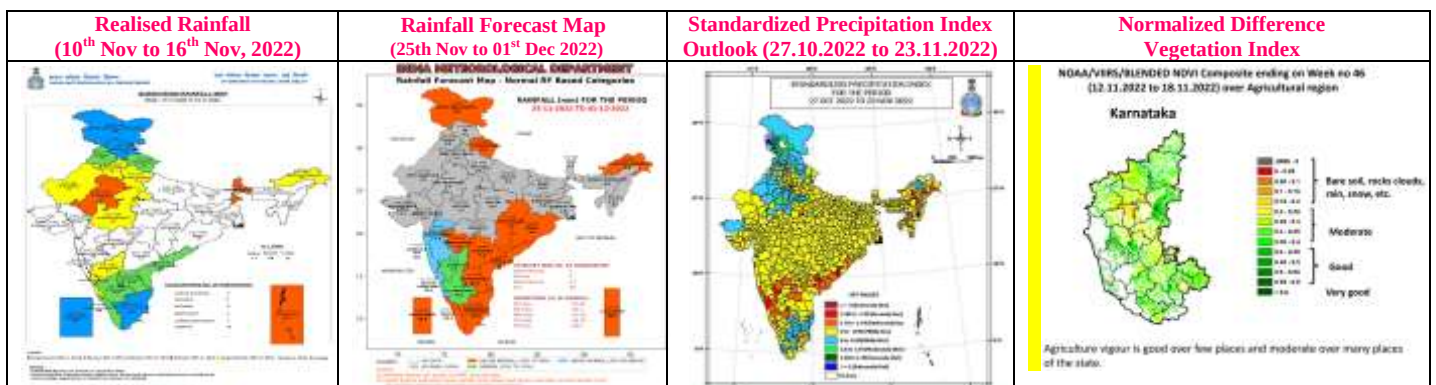
Mobile Applications developed by India Meteorological Department for the benefit of Farming Community

Farmers are suggested to download the app using below links

	Mausam:	Meghdoot:	Damini:
Andriod:	https://play.google.com/store/app/s/details?id=com.imd.masuam	https://play.google.com/store/apps/detail/s?id=com.aas.meghdoot	https://play.google.com/store/apps/detail/s?id=com.lightening.live.damini
Apple OS:	https://apps.apple.com/us/app/id1522893967	https://apps.apple.com/in/app/meghdoot/id1474048155	https://apps.apple.com/app/id1502385645

Decadal Rainfall (mm) Comparison:

Year	30 years Mean	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Rainfall	3790.4	3628.1	2984.2	3325.3	2816.3	2383.4	2827.1	3000	3381.2	4118.4	4110.8	4110.8	3531.2
Rainy days	110	128	105	127	112	107	119	121	112	123	126	152	118



Weather based Agromet Advisories for Dakshina Kannada District

Horticulture Crops :

Crop	Operations/ Agromet Advisories
General Advise	Farmers are advised to install Meghdoot, Mausam, Umang & Damini apps from mausam.imd.gov.in and be updated with weather events.
Arecanut (Weed management)	To manage weeds in orchard spray Glyphosate (Amoniam salt)41%SL @ of 6ml/ltr or Glyphosate 54% SC @ 4ml/litre or Glyphosate 71% SC @ 6 gram per litre.
Arecanut (Leaf Spot)	Farmers can Spray Hexaconazole or Propiconazole or Difenconazole 1ml/ltr to the infected leaves.
Coconut (Weed management)	To manage weeds in orchard spray Glyphosate (Amoniam salt)41%SL @ of 6ml/ltr or Glyphosate 54% SC @ 4ml/litre or Glyphosate 71% SC @ 6 gram per litre.
Banana (General Advice)	5 months After planting spray Banana special @5gm/ltr of water at an interval of 30days or one month.(For one sprayer spray solution add 1 lime and shampoo) - Bunch Treatment: To get good yield & quality bunches treat the bunch with 10 gram of Urea,10 gm of Potassium Sulphate & 0.5kg of cowdung should be mixed with 100ml of water & tie to end of bunch
Black Pepper (Water management)	Farmers can Mulch the root zone of a crop with dried leaves or crop residues to save the moisture or to avoid the loss of water from root zone. Farmers should irrigate the crop upto 20litre per day per vien.
Jasmine (Pruning)	Right time to prune Jasmine plant. Diseased plant parts & dried shoots should be pruned first. Pruned parts should be smeared with 10% Bordo paste
Jasmine (Leaf Spot)	For the Management of leaf spot disease, spray with Hexaconazole @ 1ml/litre of water.
Cashew (stem borer)	Clean the infected place. After cleaning fill the infected part with Chloropyriphos granules mixed with sand(1:1 ratio)
Cashew (Tea Mosquito Bug)	Farmers should spray Monocrotophos @ of 1.7ml/ltr or Lamdacyalothrin @ 0.5ml/ltr.

Cereals and Pulses :

Agonomic Advice	After the harvest of paddy farmers can go for sowing of Dicot crops like Black gram, Green gram, Beans and Green Manure seeds in the residual moisture.
Groundnut (Land preparation)	- After the harvesting of Paddy, Groundnut can be selected as the second crop. Right time to take Primary tillage. - After the primary tillage farmers can till the land with secondary tillage instrument Rotovator. After that based on the moisture availability farmers can take sowing.
Groundnut (Seed treatment)	Before the sowing of Groundnut seeds should be treated with Rhizobium (1kg of seeds should be treated with 10gm of Rhizobium & after that seeds should be shade dried for 02 hours).
Groundnut (Land preparation)	To manage weeds soil should be sprayed with Alacholar 50EC @ 3ml/ltr

Animal Husbandry :

Cattle (General advise)	➤ Animals should be tied at closed rooms or cattle sheds to protect them from cold. ➤ Cattle-Animals should be vaccinated against FMD, Black Quarter, Enterotoxaemia if not vaccinated earlier. ➤ Balanced feed (Green fodder + dry fodder) should be provided to avoid Acidiosis.
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(This Agro Advisory Information is based on Weather forecast received from MC,Bengaluru & IMD,New Delhi)

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