



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 10.09.2021 to 14.09.2021

No. GKMSB/073/2021

Date: 09.09.2021

Weather Forecast Issued by the India Meteorological Department for Dakshina Kannada District for the coming five

days – until 0830 hrs of 10.09.2021 to 14.09.2021

Sl. No	Weather Parameters	Day-1 (10.09.2021)	Day-2 (11.09.2021)	Day-3 (12.09.2021)	Day-4 (13.09.2021)	Day-5 (14.09.2021)	Past Week Mean	Forecast Mean
1	Rainfall (mm)	53	44	42	44	66	90.9	249↑
2	Max Temp (°C)	28	28	29	29	29	27.7	28.6↑
3	Min Temp (°C)	24	24	24	24	24	22.2	24↑
4	Cloud cover (Okta)	6	6	7	7	8	6	7↑
5	Max. Relative Humidity (%)	93	93	93	94	94	94	93.4↓
6	Min. Relative Humidity (%)	78	77	76	76	79	90.6	77.2↓
7	Wind Speed (Kmph)	5	4	4	5	6	6	4.8↓
8	Wind Direction (°)	169	146	146	169	212	206	168↓
9	Forecast Warning	NIL	R+	R+	R+	R++		
10	Chance of Occurrence (%)	>75%	>75%	>75%	>75%	>75%		

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 below normal from 10.09.2021 to 16.09.2021

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, **Cloudy weather associated with chances of rather heavy to heavy rainfall in many places of district, is very likely to be expected for next five days.** The maximum temperature would be around **28-29°C** and minimum temperature would be around **24°C** to during next five days. The Morning Relative humidity (RH) would vary from **93-94 per cent**, Evening Relative humidity (RH) would vary from **76-79 per cent** and wind speed will be in the range of **4-6 km/hr.**

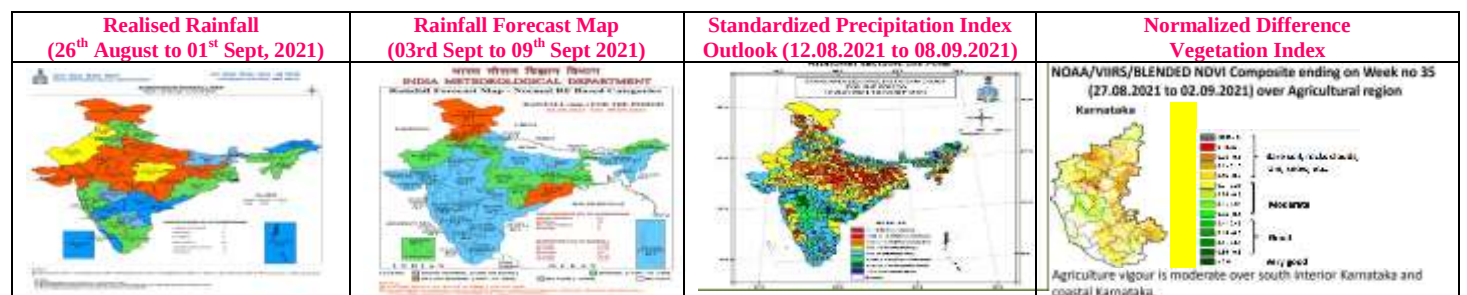
Mobile Applications developed by India Meteorological Department for the benefit of Farming Community

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	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 Cum.Rainfall
Rainfall		4832	3628.1	2984.2	3325.3	2816.3	2383.4	2827.1	3000	3381.2	4118.4	4110.8	3367.5
Rainy days		126	128	105	127	112	107	119	121	112	123	126	110



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Weather based Agromet Advisories for Dakshina Kannada District

Horticulture Crops :

Crop	Operations/ Agromet Advisories
General Advise	Farmers can download “Meghdoot” application to get weather forecasting and crop specific advisory of their district.
Arecanut (Weed Management)	- Farmers can spray third round of Bordeaux mixture (1%). - To manage weeds in orchard spray Glyphosate (Amoniam salt) 71% sg @ 4gram per litre. - Maintain sanitation in the orchard by collecting and destroying dried inflorescence, pest and disease infected nuts.
Arecanut (Fertilizer Management)	Farmers can apply Lime @ 200kg/Acre before application of fertilizer (100gm:40gm:140gm of NPK per Palm)
Cashew (Stem Borer) 	Clean the infected place. After cleaning fill the infected part with Chloropyriphos granules mixed with sand
Cashew (Fertilizer Management)	Apply fertilizer as per recommendation (1kg:1.2kg:0.4kg of NPK per Palm)
Coconut (Rhinoceros Beetle) 	- Collect and destroy the various stages of the beetle from the manure pits (breeding ground of the pest) whenever manure is lifted from the pits. - Incorporate the entomopathogen i.e, fungus (Metarrhizium anisopliae) in manure pits to check the perpetuation of the pest. - Examine the crowns of tree at every harvest and hook out and kill the adults. - Apply mixture of either phorate 10 G + sand (1:2) @150 g per palm or Chlorpyrifos 10 G + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown. - Place Chlorpyrifos 10 G 5gm in perforated sachets in two inner most leaf axils for 25-30 days once. - Set up one Rhinolure pheromone trap for half hectare area to trap and kill the beetles.
Coconut (Stem Bleeding) 	Scrape the infected part of stem then smear with 10% Bordo paste or Drench with Blitox @ 8-10gm/100 ml of water or Hexaconazole @ 2ml/ltr (8-10 ltr per tree)
Coconut (Weed management)	To manage weeds in orchard spray Glyphosate(Amoniam salt) 71 sg @ 4gram per litre.
Coconut (Fertilizer Management)	Farmers can apply Lime @ 200kg/Acre before application of fertilizer
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
Jasmine (Leaf Spot) 	For the Management of leaf spot disease, spray with Hexaconazole @ 1ml/litre of water.
Jasmine (Wilt)	For the Management of Wilt Drench with Blitox @ 3gm/ltr.

	
Black Pepper (Quick wilt) 	As a precautionary measure go for pruning of severely affected leaves and destroy them followed by application of FYM enriched with neem cake or drenching with 1% Bordeaux mixture or Drenching or spraying with 2gm of Metalaxyl+Mancozeb or spray 1% Bordo to vien
Black Pepper (Slow wilt)	As a precautionary measure go for pruning of severely affected leaves and destroy them followed by application of FYM enriched with neem cake or FYM enriched with Sahayadri Trishool or Drenching or spraying with 2gm of Metalaxyl+Mancozeb or spray 1% Bordo to vien
Black Pepper (General advise)	Spray with IISR pepper special @ 5gram/ litre to get good yield.

Cereals and Pulses :

Paddy (Second Top dress)	First top dressing of paddy crop at 25-30 days after planting, go for weeding followed by top dressing of 17.5 kg of Urea and 13.5kg MOP per acre.
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Animal Husbandry :

Livestock	During gestation period expose animals to sunshine to avoid “Milk Fever” in upcoming days. Give equal proportion of feed.
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