



No. GKMSB/058/2021

Date: 20.07.2021

Weather Forecast Issued by the India Meteorological Department for Dakshina Kannada District for the coming five days – until 0830 hrs of 21.07.2021 to 25.07.2021

Sl. No	Weather Parameters	Day-1 (21.07.2021)	Day-2 (22.07.2021)	Day-3 (23.07.2021)	Day-4 (24.07.2021)	Day-5 (25.07.2021)	Past Week Mean	Forecast Mean
1	Rainfall (mm)	21	24	34	37	23	369	139↓
2	Max Temp (°C)	28	29	29	29	29	26.4	28.8↑
3	Min Temp (°C)	22	22	23	23	22	20.9	22.4↑
4	Cloud cover (Okta)	7	7	7	7	7	8	7↓
5	Max. Relative Humidity (%)	90	89	90	92	92	94.6	90.6↓
6	Min. Relative Humidity (%)	89	88	87	90	88	93.2	88.4↓
7	Wind Speed (Kmph)	2	3	3	2	2	5.2	2.4↓
8	Wind Direction (°)	252	252	270	249	248	188	254↑
9	Forecast Warning	R+	R+	R+ TO R++	R+ TO R++	R+		
10	Chance of Occurrence (%)	>75%	>75%	>75%	>75%	>75%		

D - 0.0 mm	Dry Weather	L/M -- Light to Moderate Rain			Probability
VL - 0.0 to 2.4 mm	Very Light Rainfall	M/H -- Moderate to Heavy Rain	ISL-Isolated	Likely to occur at Isolated Places	≤25%
L - 2.5- to 15.5	Light Rainfall	HA -- Hail Storm	SCT- Scattered	Very Likely to occur at Few Places	>25- ≤50%
M - 15.6 to 64.4	Moderate Rainfall	SQ -- Squall GW-Gusty wind	FWS-Fairly Wide Spread	Most Likely to occur at Many Places	>50- ≤75%
H (R+) - 65.5 to 115.5	High Rainfall	TS -- Thunderstorm	WS- Wide Spread	Occur at Most Places	>75%
VH(R++) - 115.6 to 204.4	Very High Rainfall	TSH-Thundershowers			
ExH (R+++) - >204.5	Extr.Heavy Rainfall	TSGR- Thundershower with hail			

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 moderate to rather heavy rainfall in most 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 **22-23°C** to during next five days. The Morning Relative humidity (RH) would vary from **89-92 per cent**, Evening Relative humidity (RH) would vary from **87-90 per cent** and wind speed will be in the range of **2-3 km/hr.**

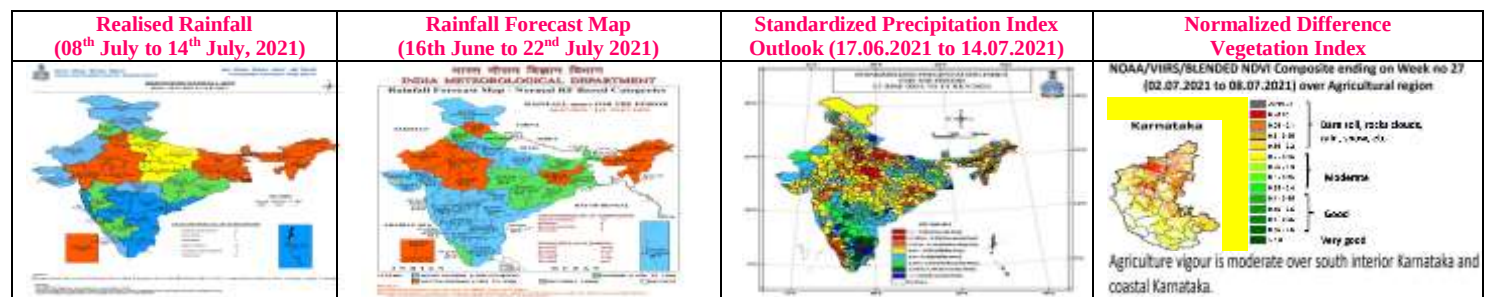
Mobile Applications developed by India Meteorological Department for the benefit of Farming Community

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	2429.2
Rainy days		126	128	105	127	112	107	119	121	112	123	126	68



Weather based Agromet Advisories for Dakshina Kannada District

Horticulture Crops :

Crop	Operations/ Agromet Advisories
Arecanut (nut splitting)	• Pre matured arecanuts or split from the basal part of the nuts. Finally nuts are drop to turns yellow • Minimize excess application of nitrogen fertilizer and Supply micro nutrient such as boron 20 Gram and 30-40 gram of zinc per palm for every 2-3 years.
Cashew leaf (beetle & weevil)	• They congregate at the newly emerged shoots, leaves and completely feeds on leaves. • For management of this pest spray with Monocrotophos at 1.5ml litre of water.
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.
Horticulture crop (Sahyadri trishul bio fertilizer nutrient management)	• Mix 4 kg of Sahyadri Thrishool with 1kg of jaggery in 200 litre of water and keep it for one day & drench to root zone of plants. For Arecanut 2-3 litre/ plant, for Coconut 5-6 litre/ plant and for Black Pepper 2 litre/ plant. for other vegetables and flower crops mix 4 kg of Sahyadri Thrishool bio fertilizer along with 400 kg well decomposed FYM, apply after 10-15 days later as age proceeds.
Banana Leaf Spot/Sigatoka	• As a precautionary measure go for pruning of severely affected leaves and destroy them followed by Spraying with Hexaconazole or Difencanazole @ 1.0 ml/ litre of water.
Jasmine (Leaf Spot)	For control of this disease, spray with Hexaconazole @ 1ml/litre of water.
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 Soil drenching with 3gram Copper Oxychloride or 1% Bordeaux mixture.

Animal Husbandry :

Cattle (Foot & mouth disease)	• Time is suitable to overcome Foot & mouth disease (FMD) in cattles. • Maintaining hygiene in sheds will help to combat FMD. • Proper ventilation should be maintained for free circulation of air in the sheds.
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Cereals and Pulses :

Paddy (Transplanting)	• Time is suitable for transplanting of paddy, apply basal dose of fertilizer 17.5Kg. urea, 60kg rock phosphate, 13.5kg of MOP and 8kg of Magnesium Sulphate per acre at the time of transplanting. • Once in three years go for application of 8Kg of Zinc Sulphate and 1Kg of borax per acre.
Paddy (Weed management)	• At 3-5 days of transplanting, go for application of 80g Pyrazosulfuron Ethyl 10WP well mixed with 10Kg of moist sand. • At 15-20 days of transplanting, go for application of early post emergent herbicide Bispyriback Sodium 10% SC@ 0.4ml/ litre (Caution: If weeds are at 2-4 leaf stage herbicide will be more effective) • At 15-20 days of transplanting, go for application of post emergent herbicide 2,4D sodium salt for broad leaves weeds @ 4gram/ litre (Caution: Per one acre spray solution should be 120-150 litre.)
Paddy (First 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.
Paddy (Leaf Folder)	• For control of leaf folder spray with Quinalphos @ 2ml per litre of water.

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