



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 13.07.2024 to 17.07.2024

No. GKMSB/038/2024

Date: 12.07.2024

Weather Forecast Issued by the India Meteorological Department for Dakshina Kannada District for the coming five days – until 0830 hrs of 13.07.2024 to 17.07.2024

Sl. No	Weather Parameters	Day-1 (13.07.2024)	Day-2 (14.07.2024)	Day-3 (15.07.2024)	Day-4 (16.07.2024)	Day-5 (17.07.2024)	Past Week Mean	Forecast Mean
1	Rainfall (mm)	20	35	35	40	74	204.3	204↓
2	Max Temp (°C)	29.4	28.3	27	25.1	25.9	28.0	27.1↓
3	Min Temp (°C)	19.7	19.8	19.9	20	19.9	22.0	19.9↓
4	Cloud cover (Okta)	8	8	8	8	8	7	8↑
5	Max. Relative Humidity (%)	94	94	94	94	94	94.4	94↓
6	Min. Relative Humidity (%)	73	80	85	90	90	88.8	83.6↓
7	Wind Speed (Kmph)	6	8	11	12	14	5.2	10.2↑
8	Wind Direction (°)	169	270	283	248	248	144	244↑
9	Forecast Warning	R++SSW	R++SSW	R++SSW	R++SSW	R++SSW		
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 Normal from 17.07.2024 to 23.07.2024

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 thunderstorm with lightning a chance of MODERATE TO HEAVY Rainfall in most places of district, is very likely to be expected for next five days.** The maximum temperature would be around **25.1-29.4°C** and minimum temperature would be around **19.7-20.0°C** to during next five days. The Morning Relative humidity (RH) would vary from **94 per cent**, Evening Relative humidity (RH) would vary from **73-90 per cent** and wind speed will be in the range of **6-14 km/hr**.

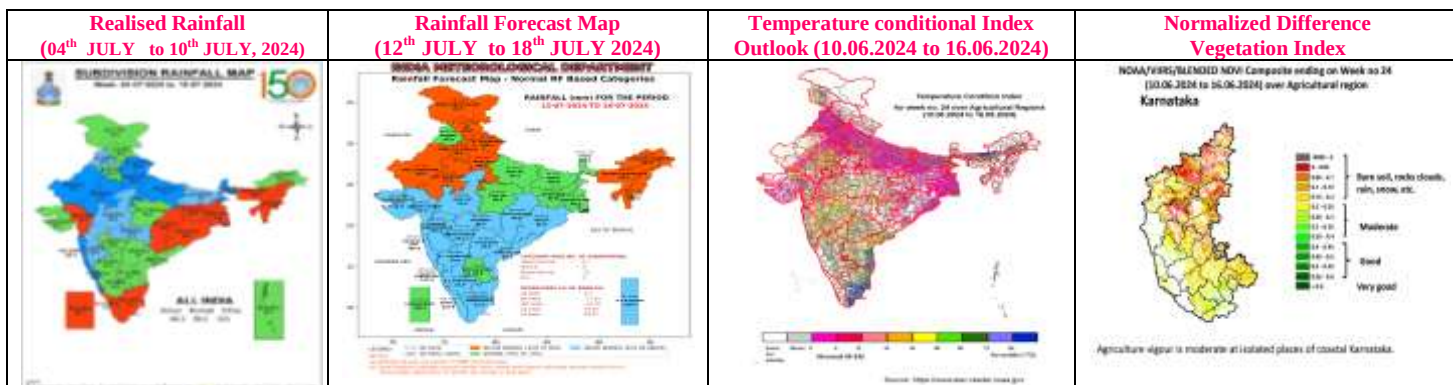
Mobile Applications developed by India Meteorological Department for the benefit of Farming Community

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	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Rainfall	3710.5	3325.3	2816.3	2383.4	2827.1	3000	3381.2	4118.4	4110.8	4110.8	3879.9	3316.6	1581.2
Rainy days	105	127	112	107	119	121	112	123	126	152	125	105	56



Weather based Agromet Advisories for Dakshina Kannada District

Crop	Operations/ Agromet Advisories
RATHER HEAVY TO HEAVY RAINFALL FORECAST WILL BE THERE FOR NEXT 5 DAYS FARMERS CAN POSTPONE AGRICULTURAL ACTIVITIES.	
Arecanut (Root Grub)	Adults should be collected during evening (06:30PM to 7:30PM) and the collected adults should be destroyed or Farmers can drench Chloropyriphos @ 2ml/ltr.

Animal Husbandry :

Cattle (General advise)	➤ Avoid tying animals under tree or in any exposed area during lightning and thunderstorm ➤ Vaccinate the animals for Hemorrhagic septicemia (HS) and Black quarter during Ju@AiÄÄ months. ➤ De worming should be done for all livestock's ➤ Balanced feed should be given for Milch animals to get high milk yield
Fish seed rearing	Application of Lime for fish nursery pond in order to correct the pH to 7.5, followed by the application of Farm Yard Manure to enhance Phytoplankton and Zooplankton to obtain water colour of light green to brown. This stage is ideal for releasing hatchlings for seed rearing. In the month of June and July fish hatchlings are widely available from authorized seed producing centres.
General Advise	Provide drainage facilities in Orchards to avoid water stagnation otherwise it will leads to initiation of diseases
General Advise	As there is a chances of High rainfall for next 5days, so farmers are advised to postpone paddy transplanting.

(This Agro Advisory Information is based on Weather forecast received from MC, Bengaluru & IMD,New Delhi)

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