



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 31.07.2024 to 04.08.2024

No. GKMSB/043/2024

Date: 30.07.2024

Weather Forecast Issued by the India Meteorological Department for Dakshina Kannada District for the coming five days – until 0830 hrs of 31.07.2024 to 04.08.2024

Sl. No	Weather Parameters	Day-1 (31.07.2024)	Day-2 (01.08.2024)	Day-3 (02.08.2024)	Day-4 (03.08.2024)	Day-5 (04.08.2024)	Past Week Mean	Forecast Mean
1	Rainfall (mm)	95	90	68	36	30	131.2	319↑
2	Max Temp (°C)	26.7	27.7	27	27.7	29.4	30.1	27.7↓
3	Min Temp (°C)	19.3	19	18.3	18.2	18.9	23.3	18.7↓
4	Cloud cover (Okta)	8	8	8	8	7	7	8↑
5	Max. Relative Humidity (%)	96	95	97	95	94	95.2	95.4↑
6	Min. Relative Humidity (%)	88	86	89	81	74	85.6	83.6↓
7	Wind Speed (Kmph)	8	5	5	5	5	6.6	5.6↓
8	Wind Direction (°)	238	214	169	161	158	154	188↑
9	Forecast Warning	SCT R+ TO ISL R++/ SW	SCT R+ TO ISL R++/ SW	SCT R+ TO ISL R++/ SW	ISL R+SW	ISL 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 04.08.2024 to 10.08.2024

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 with the chance of MODERATE TO VERY HEAVY rainfall in most places of district, is very likely to be expected for next five days.** The maximum temperature would be around **26.7-29.4°C** and minimum temperature would be around **18.2-19.3°C** to during next five days. The Morning Relative humidity (RH) would vary from **94-97 per cent**, Evening Relative humidity (RH) would vary from **74-89 per cent** and wind speed will be in the range of **5-08 km/hr.**

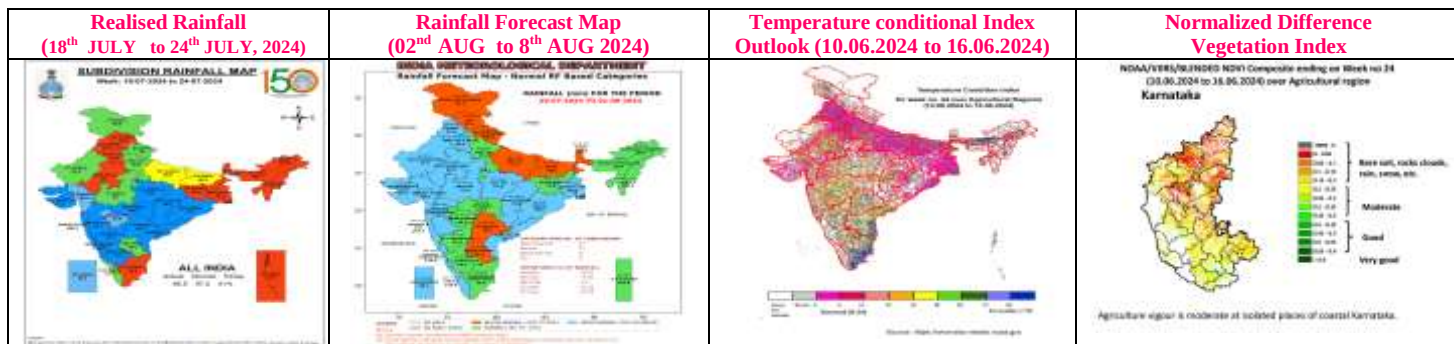
Mobile Applications developed by India Meteorological Department for the benefit of Farming Community

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	2251.2
Rainy days	105	127	112	107	119	121	112	123	126	152	125	105	73



Weather based Agromet Advisories for Dakshina Kannada District

Horticulture Crops :

Crop	Operations/ Agromet Advisories
Due to heavy rainfall occurred from past 10 days flood condition has occurred further rainfall may cause death of plant. Make necessary facilities to drain out excess rainwater to canal or to outside. otherwise transplanted paddy plants will die, due to water logging	
Arecanut (Planting)	Due to heavy rainfall occurred from past 10 days flood condition has occurred further rainfall may cause Koleroga . In order to avoid this farmers may provide good drainage facilities to drain out excess rain water and during clear weather farmers may spray 1% Bordo mixture.
Jasmine (General advise)	• Farmers usually make the basin near the trunk/root zone in summer to enhance water availability. But in rainy season that ring/basin should be filled with soil to avoid water stagnation near the trunk / root zone. • Continuous water stagnation in this zone leads to Wilt disease.
Horticultural crops (General advise)	• Farmers can make sure that the water logging condition due to heavy rainfall should not happen in orchards that may lead to various types of diseases. So farmers can make drainage facilities wherever it is required.

Cereals and Pulses :

Paddy (General advise)	Drain out excess rainwater from paddy plots to get rid of water logging condition
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Animal Husbandry :

Cattle (General advise)	➤ Avoid tying animals under tree or in any exposed area during lightning and thunderstorm ➤ Vaccinate the animals for Hemorrhagic septicaemia (HS) and Black quarter during June months. ➤ Farmers can plant perennial fodder grasses ➤ Farmers can provide additional supplements with food
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General Advisory:

Farmers can make drainage facilities to drain out excess rainwater to save crops from water logging and postpone spraying of Bordo for next 3 days.

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

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