



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 21-12-2024 to 25-12-2024

No. GKMSB/081/2024

Date: 20.12.2024

Past Week Weather Data Of Dakshina Kannada (Date: 16.12.2024 to 20.12.2024)

Sl. No.	Weather Parameters	16.12.2024	17.12.2024	18.12.2024	19.12.2024	20.12.2024
01	Rainfall (mm)	0	0	0	0	0
02	Max Temp Trend (deg C)	33.1	33.4	34.5	32.5	33.1
03	Min Temp Trend (deg C)	21.5	22.9	18.5	22.9	23.5
04	Total cloud cover (octa)	0	2	1	0	0
05	Max. Relative Humidity (%)	90	92	94	91	90
06	Min. Relative Humidity (%)	66	74	83	88	87
07	Wind Speed (kmp)	4	5	6	5	4
08	Wind Direction (deg)	100	115	180	90	70

Weather Forecast Issued by the India Meteorological Department for Dakshina Kannada District for the coming five days – until 0830 hrs of 21-12-2024 to 25-12-2024

Sl. No	Weather Parameters	Day-1 (21.12.2024)	Day-2 (22.12.2024)	Day-3 (23.12.2024)	Day-4 (24.12.2024)	Day-5 (25.12.2024)	Past Week Mean	Forecast Mean
1	Rainfall (mm)	0	0	0	0	1	0	1↑
2	Max Temp (°C)	30.7	30.6	30.1	30.5	31.2	33.3	30.6↓
3	Min Temp (°C)	21.8	21.6	21.8	21.8	21.6	21.9	21.7↓
4	Cloud cover (Okta)	5	6	5	5	3	1	5↑
5	Max. Relative Humidity (%)	92	93	93	94	95	91.4	93.4↑
6	Min. Relative Humidity (%)	52	45	49	47	46	79.6	47.8↓
7	Wind Speed (Kmph)	3.2	3.7	3.1	3.4	4	4.8	3.5↓
8	Wind Direction (°)	63	79	69	72	85	111	74↓
9	Forecast Warning	NIL	NIL	NIL	NIL	NIL		
10	Chance of Occurrence (%)	DRY	DRY	DRY	DRY	1-25		

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 Above Normal from 25.12.2024 to 31.12.2024

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, **DRY WEATHER TO DRIZZLE is likely to be expected for next five days.** The maximum temperature would be around **30.1-31.2°C** and minimum temperature would be around **21.6-21.8°C** to during next five days. The Morning Relative humidity (RH) would vary from **92-95 per cent**, Evening Relative humidity (RH) would vary from **45-52 per cent** and wind speed will be in the range of **3.2-4.0 km/hr.**

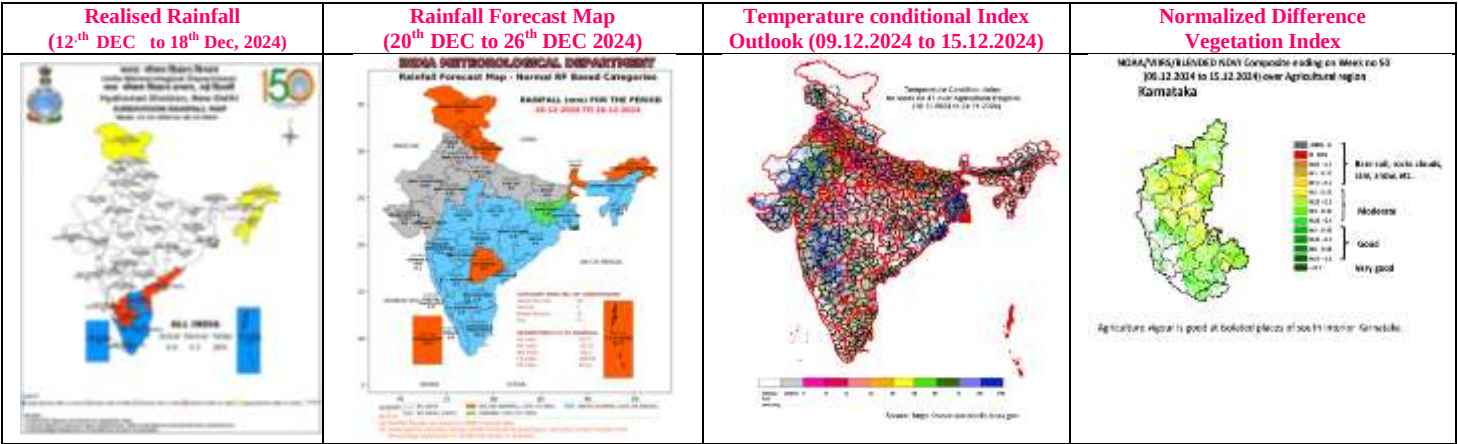
Mobile Applications developed by India Meteorological Department for the benefit of Farming Community

Farmers are suggested to download the app using below links

	Mausam:	Meghdoot:	Damini:
Android:	https://play.google.com/store/apps/details?id=com.imd.masuam	https://play.google.com/store/apps/details?id=com.aas.meghdoot	https://play.google.com/store/apps/details?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	3875.4
Rainy days	105	127	112	107	119	121	112	123	126	152	125	105	135



Warnings for Costal Karnataka	
Date of Issue: December 20, 2024	
Day 1:December 20, 2024	No Warning
Day 2: December 21, 2024	No Warning
Day 3: December 22, 2024	No Warning
Day 4: December 23, 2024	No Warning
Day 5: December 24, 2024	No Warning

Weather based Agromet Advisories for Dakshina Kannada District

General Advisory:

Chances of Dry Weather may prevail over the blocks of a district for next 5 days
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 can postpone irrigation for next 4-5 days as good rainfall was occurred 15 days back
In Paddy fallows farmers carryout sowing of Dicot crops like Black gram, Green gram, Beans and Green Manure seeds in the residual moisture
Animals should be tied at closed rooms or cattle sheds to protect them from cold and animals that are grazed outside in afternoon hours should be equipped with wet gunny bags over their back to reduce stress due to heat.

Horticulture Crops :

Crop	Operations/ Agromet Advisories
Arecanut (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 i.e., 20 litre per day per palm.
Arecanut (Leaf Spot)	Farmers can Spray Hexaconazole or Propiconazole or Difenconazole 1ml/ltr to the infected leaves.
Coconut (Water	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

management)	cropl.e., 35 litre per day per palm.
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 :

Paddy (Harvesting)	Harvested paddy grains should be stored in safe place.
Agronomic 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.

Animal Husbandry :

Cattle (General advise)	➤ Animals should be tied at closed rooms or cattle sheds to protect them from cold. ➤ Cleanness should be maintained at Cattle shed & make sure of proper ventilation. ➤ Right time for deworming.(contact nearest Veterinary officer for deworming tablets) ➤ To avoid Bowain Mastitits Complete sucking of milk should be done without miss from Udder. ➤ Provide clean drinking water for livestock
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(This Agro Advisory Information is based on Weather forecast received from MC, Bengaluru & IMD,New Delhi)

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Block wise weather forecast for Dakshina Kannada District issued by IMD,New Delhi valid from 21-12-2024 to 25-12-2024

Weather forecast issued by IMD,New Delhi for Bantwala Block of Udupi district valid from 21-12-2024 to 25-12-2024						
Sl. No	Weather Parameters	Day-1 (21.12.2024)	Day-2 (22.12.2024)	Day-3 (23.12.2024)	Day-4 (24.12.2024)	Day-5 (25.12.2024)
1	Rainfall (mm)	0	0	0	0	0.3
2	Max Temp (°C)	31.4	30.4	29.8	29.7	30
3	Min Temp (°C)	22.2	21.7	21.5	21.2	21.4
4	Cloud cover (Okta)	4	5	4	4	3
5	Max. Relative Humidity (%)	92.6	95.2	93.4	94.2	95.4

6	Min. Relative Humidity (%)	52.4	53.1	53.5	57.4	54.6
7	Wind Speed (Kmph)	4.6	5	4.8	5.2	4.7
8	Wind Direction (°)	38.6	59.7	63.4	65.2	67.4
9	Forecast Warning	NIL	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	DRY	DRY	DRY	DRY	DRY

Weather forecast issued by IMD,New Delhi for Belthangady Block of Udupi district valid from 21-12-2024 to 25-12-2024						
Sl. No	Weather Parameters	Day-1 (21.12.2024)	Day-2 (22.12.2024)	Day-3 (23.12.2024)	Day-4 (24.12.2024)	Day-5 (25.12.2024)
1	Rainfall (mm)	0	0	0	0	0.3
2	Max Temp (°C)	29	28.2	27.6	27.7	28.1
3	Min Temp (°C)	25	24.7	24.2	24.2	24.2
4	Cloud cover (Okta)	5	5	4	4	3
5	Max. Relative Humidity (%)	87.9	88.4	87	87.4	88
6	Min. Relative Humidity (%)	62.8	62.1	60.6	68.2	63.1
7	Wind Speed (Kmph)	9.9	8.7	8.7	6.9	7.9
8	Wind Direction (°)	19.1	29.7	41.6	42.9	39.4
9	Forecast Warning	NIL	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	DRY	DRY	DRY	DRY	DRY

Weather forecast issued by IMD,New Delhi for Mangalore Block of Udupi district valid from 21-12-2024 to 25-12-2024						
Sl. No	Weather Parameters	Day-1 (21.12.2024)	Day-2 (22.12.2024)	Day-3 (23.12.2024)	Day-4 (24.12.2024)	Day-5 (25.12.2024)
1	Rainfall (mm)	0	0	0	0	0.5
2	Max Temp (°C)	28.7	28.1	27.4	27.5	27.7
3	Min Temp (°C)	25.5	25.2	24.9	24.7	24.6
4	Cloud cover (Okta)	5	5	4	4	4
5	Max. Relative Humidity (%)	86.4	87.2	87.1	86.6	88.4
6	Min. Relative Humidity (%)	63.3	62.2	61.7	67.4	65
7	Wind Speed (Kmph)	11.9	9.7	9.4	8.7	8.4
8	Wind Direction (°)	14	26.5	46.5	38.3	39.8
9	Forecast Warning	NIL	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	DRY	DRY	DRY	DRY	DRY

Weather forecast issued by IMD,New Delhi for Puttur Block of Udupi district valid from 21-12-2024 to 25-12-2024						
Sl. No	Weather Parameters	Day-1 (21.12.2024)	Day-2 (22.12.2024)	Day-3 (23.12.2024)	Day-4 (24.12.2024)	Day-5 (25.12.2024)
1	Rainfall (mm)	0	0	0	0	0.1
2	Max Temp (°C)	32.5	31.2	30.9	30.5	31.2
3	Min Temp (°C)	21.4	20.9	20.9	20.7	20.8
4	Cloud cover (Okta)	5	6	4	4	4
5	Max. Relative Humidity (%)	96.8	97	96.5	96.9	97.6
6	Min. Relative Humidity (%)	47.2	49.9	48.8	52.2	50
7	Wind Speed (Kmph)	2.3	3	3.3	3.6	2.5
8	Wind Direction (°)	71.6	76	77.5	84.3	0
9	Forecast Warning	NIL	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	DRY	DRY	DRY	DRY	DRY

Weather forecast issued by IMD,New Delhi for Sulya Block of Udupi district valid from 21-12-2024 to 25-12-2024						
Sl. No	Weather Parameters	Day-1 (21.12.2024)	Day-2 (22.12.2024)	Day-3 (23.12.2024)	Day-4 (24.12.2024)	Day-5 (25.12.2024)
1	Rainfall (mm)	0	0	0	0	0.3
2	Max Temp (°C)	31.4	30.1	29.8	28.8	29.6
3	Min Temp (°C)	21.2	20.9	20.5	20.2	20.6
4	Cloud cover (Okta)	4	7	5	4	5
5	Max. Relative Humidity (%)	95.9	96.3	95	95.5	95.7
6	Min. Relative Humidity (%)	47.8	52.1	50.4	56	52.2

7	Wind Speed (Kmph)	3.2	3	1.9	3.4	2.9
8	Wind Direction (°)	63.4	76	68.2	71.6	0
9	Forecast Warning	NIL	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	DRY	DRY	DRY	DRY	DRY