



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 17.12.2025 to 21.12.2025

No. GKMSB/0100/2025

Date: 16.12.2025

Past Week Weather Data Of Dakshina Kannada (Date: 12.12.2025 to 16.12.2025)

Sl. No.	Weather Parameters	Day-1 (12.12.2025)	Day-2 (13.12.2025)	Day-3 (14.12.2025)	Day-4 (15.12.2025)	Day-5 (16.12.2025)
01	Rainfall (mm)	0	0	0	0	0
02	Max Temp Trend (deg C)	33.8	33.7	33.6	33.6	32.8
03	Min Temp Trend (deg C)	21.8	20.6	19.1	19.2	22.1
04	Total cloud cover (octa)	2	1	1	1	0
05	Max. Relative Humidity (%)	61	62	59	68	61
06	Min. Relative Humidity (%)	44	50	59	47	52
07	Wind Speed (kmp)	6	8	10	10	6

Weather Forecast Issued by the India Meteorological Department for Dakshina Kannada District for the coming five days – until 0830 hrs of 17.12.2025 to 21.12.2025

Sl. No	Weather Parameters	Day-1 (17.12.2025)	Day-2 (18.12.2025)	Day-3 (19.12.2025)	Day-4 (20.12.2025)	Day-5 (21.12.2025)
1	Rainfall (mm)	0	0	0	0	0
2	Max Temp (°C)	33	34	33	34	33
3	Min Temp (°C)	22	21	22	21	22
4	Cloud cover (Okta)	4	3	3	3	3
5	Max. Relative Humidity (%)	61	60	61	62	61
6	Min. Relative Humidity (%)	47	48	49	48	47
7	Wind Speed (Kmph)	4	3	2	4	2
8	Wind Direction (°)	84	61	72	82	82
9	Forecast Warning	NIL	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	DRY	DRY	DRY	DRY	DRY

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 21.12.2025 to 27.12.2025

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, **chance of DRY WEATHER in more places of district, is very likely to be expected for next five days.** The maximum temperature would be around **33.0 °C -34.0°C** and minimum temperature would be around **21.0 °C – 22.0°C** to during next five days. The Morning Relative humidity (RH) would vary from **60-62per cent**, Evening Relative humidity (RH) would vary from **47-49 per cent** and wind speed will be in the range of **2-4 km/hr.**

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

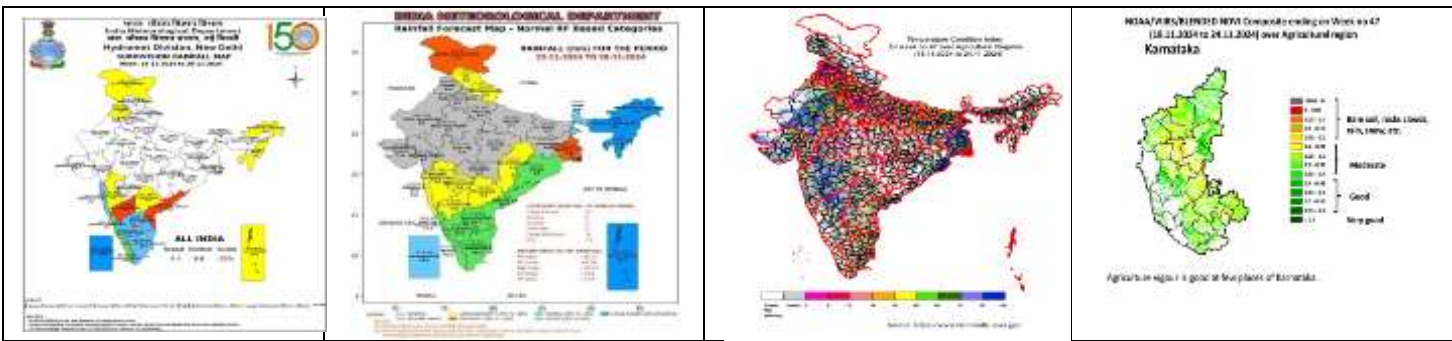
Farmers are suggested to download the app using below links

	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/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	2025
Rainfall	3710.5	3325.3	2816.3	2383.4	2827.1	3000	3381.2	4118.4	4110.8	4110.8	3879.9	3316.6	5425.0
Rainy days	105	127	112	107	119	121	112	123	126	152	125	105	142

Realised Rainfall (14 th NOV to 20 th Nov, 2025)	Rainfall Forecast Map (22 nd Nov to 28 th Nov 2025)	Temperature conditional Index Outlook (18.11.2025 to 24.11.2025)	Normalized Difference Vegetation Index
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Warnings for Costal Karnataka

Date of Issue: December 16, 2025

Day 1: December 16, 2025	No warning
Day 2: December 17, 2025	No warning
Day 3: December 18, 2025	No warning
Day 4: December 19, 2025	No warning
Day 5: December 20, 2025	No warning
Day 6: December 21, 2025	No warning
Day 7: December 22, 2025	No warning

Weather based Agromet Advisories for DAKSHINA KANNADA District

General Advisory:

Chances of DRY WEATHER prevail over the blocks of a district.
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.
In Paddy fallows farmers sow Dicot crops like Black gram, Green gram, Beans and Green Manure seeds in the residual moisture
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 :

<i>Crop</i>	<i>Crop stage</i>	<i>Pest & Diseases</i>	<i>Agro Advisory</i>
Arecanut	Harvesting	Leaf Spot	Farmers can Spray Hexaconazole or Propiconazole or Difenconazole 1ml/ltr to the infected leaves.
Banana	Fruit maturity	---	<ul style="list-style-type: none"> • 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	Flowering	---	<ul style="list-style-type: none"> 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
		Leaf Spot	<ul style="list-style-type: none"> For the Management of leaf spot disease, spray with Hexaconazole @ 1ml/litre of water.
Cashew	Flowering	Stem Borer	<ul style="list-style-type: none"> Clean the infected place. After cleaning fill the infected part with Chloropyriphos granules mixed with sand(1:1 ratio)
		Tea Mosquito Bug	<ul style="list-style-type: none"> Farmers should spray Monocrotophos @ of 1.7ml/ltr or Lamdacyalothrin @ 0.5ml/ltr.

Cereals and Pulses :

Agronomic Advice	After the harvest of paddy farmers whoever can go for sowing of Dicot crops like Black gram, Green gram, Beans and Green Manure seeds in the residual moisture
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Animal Husbandry :

Cattle (General advise)	<ul style="list-style-type: none"> ➤ Animal back should be covered with wet gunny bag when it allowed to graze outside during afternoon hours ➤ Provide balanced diet ➤ Feed azolla to get good milk yield
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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 17.12.2025 to 21.12.2025

Weather forecast issued by IMD, New Delhi for Bantwala Block of Dakshina Kannada district valid from 17.12.2025 to 21.12.2025

Sl. No	Weather Parameters	Day-1 (17.12.2025)	Day-2 (18.12.2025)	Day-3 (19.12.2025)	Day-4 (20.12.2025)	Day-5 (21.12.2025)
1	Rainfall (mm)	0	0	0	0	0
2	Max Temp (°C)	33.6	36.1	35.5	34	32.7
3	Min Temp (°C)	19.2	20.8	19.7	18.4	18.2
4	Cloud cover (Okta)	7	5	7	7	7
5	Max. Relative Humidity (%)	86.6	84.4	73.7	71.3	73.4
6	Min. Relative Humidity (%)	37.5	26.4	15.7	20.7	25.7
7	Wind Speed (Kmph)	10.2	5.2	8.6	8	6.8
8	Wind Direction (°)	98.1	56.3	75.4	84.8	71.6
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 Dakshina Kannada district valid from 17.12.2025 to 21.12.2025

Sl. No	Weather Parameters	Day-1 (17.12.2025)	Day-2 (18.12.2025)	Day-3 (19.12.2025)	Day-4 (20.12.2025)	Day-5 (21.12.2025)
1	Rainfall (mm)	0	0	0	0	0
2	Max Temp (°C)	29.6	29.9	29.9	29.5	28.9
3	Min Temp (°C)	23.6	24.5	23.6	23.2	23.2
4	Cloud cover (Okta)	7	4	6	7	8
5	Max. Relative Humidity (%)	74.8	85.1	72	70.3	65.8
6	Min. Relative Humidity (%)	52.3	52.8	41.5	39.3	40.3
7	Wind Speed (Kmph)	18.2	6.8	13.3	14.6	11.5
8	Wind Direction (°)	99.1	58	88.5	98.5	90
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 Dakshina Kannada district valid from 17.12.2025 to 21.12.2025

Sl. No	Weather Parameters	Day-1 (17.12.2025)	Day-2 (18.12.2025)	Day-3 (19.12.2025)	Day-4 (20.12.2025)	Day-5 (21.12.2025)
1	Rainfall (mm)	0	0	0	0	0
2	Max Temp (°C)	29.5	29.9	30.2	29.6	28.8
3	Min Temp (°C)	24.2	24.8	24.2	23.7	23.4
4	Cloud cover (Okta)	7	4	7	7	8
5	Max. Relative Humidity (%)	74.7	82	70.9	68.4	67.7
6	Min. Relative Humidity (%)	53.6	53.5	40.4	39.2	41.2
7	Wind Speed (Kmph)	22.3	11.3	19.4	17.3	13.1
8	Wind Direction (°)	99.3	59.3	79.3	90	80.5
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 Putturu Block of Dakshina Kannada district valid from 17.12.2025 to 21.12.2025

Sl. No	Weather Parameters	Day-1 (17.12.2025)	Day-2 (18.12.2025)	Day-3 (19.12.2025)	Day-4 (20.12.2025)	Day-5 (21.12.2025)
1	Rainfall (mm)	0	0	0	0	0
2	Max Temp (°C)	34.6	36.2	35.8	35.1	34.1
3	Min Temp (°C)	17.8	19.2	17.8	16.8	16.7
4	Cloud cover (Okta)	7	4	7	7	7
5	Max. Relative Humidity (%)	87.8	86.8	76.5	75.4	75.4
6	Min. Relative Humidity (%)	37.1	23.8	12.7	15.6	21
7	Wind Speed (Kmph)	6.9	4.2	5.4	5.4	4.6
8	Wind Direction (°)	99	59	82.4	82.4	71.6
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 Dakshina Kannada district valid from 17.12.2025 to 21.12.2025

Sl. No	Weather Parameters	Day-1 (17.12.2025)	Day-2 (18.12.2025)	Day-3 (19.12.2025)	Day-4 (20.12.2025)	Day-5 (21.12.2025)
1	Rainfall (mm)	0	0	0	0	0
2	Max Temp (°C)	33.2	35	34.7	33.6	32.8
3	Min Temp (°C)	18.1	18.7	17.4	16.6	16.8
4	Cloud cover (Okta)	7	4	7	7	7
5	Max. Relative Humidity (%)	87.6	87.5	81.8	76.1	76.8
6	Min. Relative Humidity (%)	39.9	27.2	14.2	19.3	24.6
7	Wind Speed (Kmph)	7.3	4.6	6.5	6.9	5.8
8	Wind Direction (°)	98.5	71.6	83.7	84	90
9	Forecast Warning	NIL	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	DRY	DRY	DRY	DRY	DRY