



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 Dakshina Kannada District, Karnataka)



Weather Forecast from 16.07.2025 to 20.07.2025

No. GKMSB/55/2025

Date: 15.07.2025

Past Week Weather Data Of Dakshina Kannada (Date: 11.07.2025 to 15.07.2025)

Sl. No.	Weather Parameters	Day-1 (11.07.2025)	Day-2 (12.07.2025)	Day-3 (13.07.2025)	Day-4 (14.07.2025)	Day-5 (15.07.2025)
01	Rainfall (mm)	2.7	43	67.2	40.5	31.8
02	Max Temp Trend (deg C)	30.6	30.9	29	28.9	27.5
03	Min Temp Trend (deg C)	23.7	23.2	22.4	21.7	21.2
04	Total cloud cover (octa)	8	8	8	8	8
05	Max. Relative Humidity (%)	92	89	90	97	93
06	Min. Relative Humidity (%)	78	80	85	88	80
07	Wind Speed (kmp)	3	4	5	3.3	2.8

Weather Forecast Issued by the India Meteorological Department for Dakshina Kannada District for the coming five days – until 0830 hrs of 16.07.2025 to 20.07.2025

Sl. No	Weather Parameters	Day-1 (16.07.2025)	Day-2 (17.07.2025)	Day-3 (18.07.2025)	Day-4 (19.07.2025)	Day-5 (20.07.2025)
1	Rainfall (mm)	75	75	40	40	65
2	Max Temp (°C)	28	28	28	28	28
3	Min Temp (°C)	21	21	21	21	21
4	Cloud cover (Okta)	6	7	6	7	7
5	Max. Relative Humidity (%)	96	95	95	95	96
6	Min. Relative Humidity (%)	76	75	75	80	79
7	Wind Speed (Kmph)	6	6	6	4	6
8	Wind Direction (°)	259	360	243	231	188
9	Forecast Warning	GW/R++	GW/R++	GW/R+	GW/R+	GW/R++
10	Chance of Occurrence (%)	75-100%	75-100%	75-100%	75-100%	75-100%

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 20.07.2025 to 26.07.2025

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 RATHER HEAVY RAINFALL TO HEAVY RAINFALL is very likely to be expected for next five days.** The maximum temperature would be around **28.0°C-28.0°C** and minimum temperature would be around **21.0°C -21.0°C** to during next five days. The Morning Relative humidity (RH) would vary from **95-96per cent**, Evening Relative humidity (RH) would vary from **75-80 per cent** and wind speed will be in the range of **04-06** 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

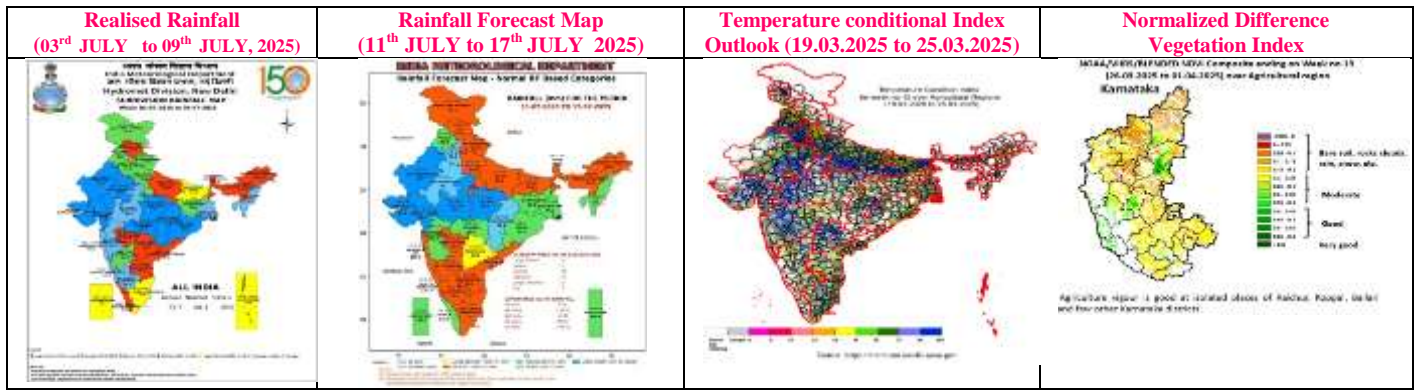
	Mausam:	Meghdoot:	Damini:
Andriod:	https://play.google.com/store/apps/details?id=com.imd.masuam	https://play.google.com/store/apps/detail?id=com.aas.meghdoot	https://play.google.com/store/apps/details?id=com.lightening.live.damini
Apple OS:	https://apps.apple.com/us/app/id1522893967	https://apps.apple.com/in/app/meghdoot/id1474048155	https://apps.apple.com/app/id1502385645

Farmers can access their Panchayath/Village level forecast by surfing into “Mausam Gram” Website.

(Har Ghar Mausam)

Decadal Rainfall (mm) Comparison:

Year	30 years Mean	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Rainfall	3710.5	2816.3	2383.4	2827.1	3000	3381.2	4118.4	4110.8	4110.8	3879.9	3316.6	3875.4	2587.9



Warnings for Costal Karnataka

Date of Issue: July 15, 2025

Day 1: July 15, 2025	Very Heavy Rain Strong Surface Winds
Day 2: July 16, 2025	Very Heavy Rain Strong Surface Winds
Day 3: July 17, 2025	Heavy Rain Strong Surface Winds
Day 4: July 18, 2025	Heavy Rain Strong Surface Winds
Day 5: July 19, 2025	Very Heavy Rain Strong Surface Winds
Day 6: July 20, 2025	Very Heavy Rain
Day 7: July 21, 2025	Very Heavy Rain

Weather based Agromet Advisories for Dakshina Kannada District

General Advisory:

Chance of RATHER HEAVY TO HEAVY RAINFALL in more places of district, is very likely to be expected for next five days

- Farmers are advised to **postpone** spray a second application of 1% Bordeaux mixture.
- Farmers are advised to **postpone** can make layout of new orchards for planting Arecanut, Coconut, Cashew etc.,

Weather Based Agromet Advisories:

Crop	Operations/ Agromet Advisories
(General advise)	A Orange Alert has been issued for the next 02 days due to expected heavy rainfall. Farmers are strongly advised to postpone all agricultural activities for next 05 days.
Arecanut (Planting)	<ul style="list-style-type: none"> Time is suitable for planting of new arecanut gardens at higher places/hilly areas. 2x2 feet deep pits is best for planting. Apply top soil and 20 kg of well decomposed organic manure in the pit and properly plant the arecanut seedlings. 9x9 feet distance is desirable between the plants for proper aeration. Provide 1½ feet trench should be opened to ensure proper drainage and aeration.
Arecanut (General advise)	<ul style="list-style-type: none"> Farmers may choose to spray a second application of 1% Bordeaux mixture. However, it is important to note that this may potentially result in the spread of leaf spot disease, as a preventative measure farmer's should consider spraying Bordeaux mixture on arecanut leaves.
Coconut (Planting)	<ul style="list-style-type: none"> Time is suitable for planting of new arecanut gardens at higher places/hilly areas. Add FYM, top soil and 20gram phorate mixture into it. Select healthy plants and plant it in the centre of the pit. Staking is done for plants. Care should be taken for excess storage of water under plants in heavy rainfall areas.
Coconut (Rhinceros)	<ul style="list-style-type: none"> 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 (<i>Metarrhizium anisopliae</i>) in manure pits to check

Beetle)	<p>the perpetuation of the pest.</p> <ul style="list-style-type: none"> • 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 phorate 10 G + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown. • Place Phorate 10 G 5gm in perforated sachets in two inner most leaf axils for 2 times at 6 months intervals. • Set up one Rhinolure pheromone trap for half hectare area to trap and kill the beetles.
Coconut (Stem Bleeding)	To manage stem bleeding scrape the stem portion & paste it with 1% Bordeaux paste or drench it with Hexaconazole @ 2ml/ltr (3litre per palm) & apply 5kg of Neem cake per palm.
Cashew (Leaf Rot)	To manage leaf rot farmers can spray Copper oxychloride @ 3gm per litre.
Cashew (Nutrient Management)	<ul style="list-style-type: none"> • Farmers can apply lime @ 200 kg per acre 15 days prior to Fertilizer application. • Farmers can apply 60:60:60 gm of NPK, 125:125:125 gm of NPK, 250:125:125 gm of NPK, 500:125:125 gm of NPK and 500:250:250 gm of NPK/plant for 1st year, 2nd year, 3rd Year, 4th to 8th year and Above 9th year plants respectively.
Banana (Leaf Spot/Sigatoka)	<ul style="list-style-type: none"> • As a precautionary measure go for pruning of severely affected leaves and destroy them followed by <p>Spraying with Hexaconazole or Difencanazole @ 1.0 ml/ litre of water.</p>
Black Pepper (Quick wilt)	<ul style="list-style-type: none"> • 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.
Jasmine (Leaf Spot)	For control of this disease, spray with Hexaconazole @ 1ml/litre of water.
Jasmine (General advise)	<ul style="list-style-type: none"> • 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)	<ul style="list-style-type: none"> • 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 (Transplanting)	<ul style="list-style-type: none"> • Time is suitable for transplanting of paddy, apply basal dose of fertilizer 17.5Kg. urea, 60Kg rock phosphate, 13.5Kg of MOP and 12Kg 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 based on soil test report.
Paddy (Weed management)	<ul style="list-style-type: none"> • At 3-5 days of transplanting, go for application of 80g Pyrazosulfuron Ethyl 10WP well mixed with 10Kg of moist sand. • 3-4 days after transplantation farmers can apply pre emergent herbicides like Pendimithalin 38.7CS (3ml of herbicide per litre of water per acre) or Spray 8gm of Metsulfuron Methyl + Chlorimuron Ethyl per acre (8gm of herbicide dissolved in 100-120 litre of Water) • 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.)

Animal Husbandry :

Cattle (General advise)	<ul style="list-style-type: none"> ➤ Maintaining hygiene in sheds will help to combat FMD. ➤ Time is suitable to overcome Foot & mouth disease (FMD) in cattles. ➤ 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

General Advisory:

Vegetables (Sowing)

- Time suitable for sowing of vegetable seeds in upland areas.
- 15-20 days after sowing earthing up should be taken along with recommended dose of fertilizers.

General Advise :

Rain water harvesting structures

- Make necessary arrangements for established rain water harvesting structures as Monsoon is progressing. Ex: Farm pond: By storing excess water during rainy season may help farmers to get rid of water scarcity in summer & farmers can earn extra income by rearing fish.

Fisheries:

Fish Fingerling production

- Farmers can make preparation of fish pond for fingerling production
- The pH of fish fry ponds can be adjusted to 7.5 by adding lime. Then, by adding manure, the natural fish food production can be done and when the pond water turns from light green to brown, freshwater fish fry can be stocked. These chicks will be available for sale from authorized suppliers in June and July.

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

Mr. Praveen K.M,
Technical Officer, GKMS,
ZAHRS, Brahmavar, Udipi.

Dr. K.V. Sudhir Kamath,
Nodal Officer, GKMS,
ZAHRS, Brahmavar, Udipi.

Block wise weather forecast for Dakshina Kannada District issued by IMD, New Delhi valid from 11.07.2025 to 15.07.2025

Weather forecast issued by IMD, New Delhi for Bantwala Block of Dakshina Kannada district valid from 16.07.2025 to 20.07.2025

Sl. No	Weather Parameters	Day-1 (16.07.2025)	Day-2 (17.07.2025)	Day-3 (18.07.2025)	Day-4 (19.07.2025)	Day-5 (20.07.2025)
1	Rainfall (mm)	44	50.8	35	41.9	49.9
2	Max Temp (°C)	27.2	27.6	27.9	26.5	26
3	Min Temp (°C)	23.7	23.8	23.8	23.8	23.5
4	Cloud cover (Okta)	7	7	7	8	8
5	Max. Relative Humidity (%)	95.1	94.1	94.4	94.6	95.1
6	Min. Relative Humidity (%)	77.7	78.9	78.4	79.6	83.7
7	Wind Speed (Kmph)	3.3	0.4	1	2.9	3.8
8	Wind Direction (°)	276	360	45	300	311
9	Forecast Warning	GW/R++	GW/R++	GW/R+	GW/R+	GW/R++
10	Chance of Occurrence (%)	75-100%	75-100%	75-100%	75-100%	75-100%

Weather forecast issued by IMD, New Delhi for Belthangady Block of Dakshina Kannada district valid from 16.07.2025 to 20.07.2025

Sl. No	Weather Parameters	Day-1 (16.07.2025)	Day-2 (17.07.2025)	Day-3 (18.07.2025)	Day-4 (19.07.2025)	Day-5 (20.07.2025)
1	Rainfall (mm)	35.3	54.6	34.4	41.7	50.5
2	Max Temp (°C)	27.2	27.2	27.4	26.9	26.4
3	Min Temp (°C)	25.9	25.7	25.6	25.5	25.2
4	Cloud cover (Okta)	7	7	7	8	8
5	Max. Relative Humidity (%)	88.4	89.1	89.6	90	90.5
6	Min. Relative Humidity (%)	76.9	80.2	80.5	78.5	81.4
7	Wind Speed (Kmph)	13.3	10.3	8.7	13.4	13.5
8	Wind Direction (°)	283	282	308	297	304
9	Forecast Warning	GW/R++	GW/R++	GW/R+	GW/R+	GW/R++
10	Chance of Occurrence (%)	75-100%	75-100%	75-100%	75-100%	75-100%

Weather forecast issued by IMD, New Delhi for Mangalore Block of Dakshina Kannada district valid from 16.07.2025 to 20.07.2025

Sl. No	Weather Parameters	Day-1 (16.07.2025)	Day-2 (17.07.2025)	Day-3 (18.07.2025)	Day-4 (19.07.2025)	Day-5 (20.07.2025)
1	Rainfall (mm)	35.8	54.2	34.4	43.8	65.5
2	Max Temp (°C)	27.4	27.2	27.2	26.9	26.5
3	Min Temp (°C)	26.2	26	25.9	25.9	25.6

4	Cloud cover (Okta)	7	7	7	8	8
5	Max. Relative Humidity (%)	87.6	88	89.4	89.5	90.2
6	Min. Relative Humidity (%)	76.2	79.6	80.3	78.5	81.4
7	Wind Speed (Kmph)	17	12.9	11.6	17.6	18.9
8	Wind Direction (°)	284	288	306	296	294
9	Forecast Warning	GW/R++	GW/R++	GW/R+	GW/R+	GW/R++
10	Chance of Occurrence (%)	75-100%	75-100%	75-100%	75-100%	75-100%

Weather forecast issued by IMD,New Delhi for Putturu Block of Dakshina Kannada district valid from 16.07.2025 to 20.07.2025

Sl. No	Weather Parameters	Day-1 (16.07.2025)	Day-2 (17.07.2025)	Day-3 (18.07.2025)	Day-4 (19.07.2025)	Day-5 (20.07.2025)
1	Rainfall (mm)	34	47.6	50.7	38.5	36.4
2	Max Temp (°C)	26.6	27.2	27.7	26.2	26
3	Min Temp (°C)	23	23.2	23.2	23.4	23.1
4	Cloud cover (Okta)	7	7	7	8	8
5	Max. Relative Humidity (%)	97.1	95.8	96.2	96.2	96.6
6	Min. Relative Humidity (%)	78.4	78.9	78.7	81.3	83.1
7	Wind Speed (Kmph)	1.8	1.6	1.8	0.8	1.5
8	Wind Direction (°)	233	154	127	207	256
9	Forecast Warning	GW/R++	GW/R++	GW/R+	GW/R+	GW/R++
10	Chance of Occurrence (%)	75-100%	75-100%	75-100%	75-100%	75-100%

Weather forecast issued by IMD,New Delhi for Sulya Block of Dakshina Kannada district valid from 16.07.2025 to 20.07.2025

Sl. No	Weather Parameters	Day-1 (16.07.2025)	Day-2 (17.07.2025)	Day-3 (18.07.2025)	Day-4 (19.07.2025)	Day-5 (20.07.2025)
1	Rainfall (mm)	27.8	44.1	41.8	49.2	40.3
2	Max Temp (°C)	25.9	26.5	26.9	25.2	24.8
3	Min Temp (°C)	22.4	22.7	22.7	22.8	22.4
4	Cloud cover (Okta)	7	7	7	8	8
5	Max. Relative Humidity (%)	97.2	95.9	96.5	97	97.3
6	Min. Relative Humidity (%)	79.1	78.5	78.7	83.7	85.7
7	Wind Speed (Kmph)	2.4	1.5	0.8	0.8	1.1
8	Wind Direction (°)	207	166	154	297	360
9	Forecast Warning	GW/R++	GW/R++	GW/R+	GW/R+	GW/R++
10	Chance of Occurrence (%)	75-100%	75-100%	75-100%	75-100%	75-100%