



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 18.10.2025 to 22.10.2025

No. GKMSB/80/2025

Date: 17.10.2025

Past Week Weather Data Of Dakshina Kannada (Date: 29.09.2025 to 03.10.2025)

Sl. No.	Weather Parameters	Day-1 (29.09.2025)	Day-2 (30.09.2025)	Day-3 (01.10.2025)	Day-4 (02.10.2025)	Day-5 (03.10.2025)
01	Rainfall (mm)	8.6	0.5	0.3	10.5	0
02	Max Temp Trend (deg C)	29.7	30.2	31.4	30.4	31
03	Min Temp Trend (deg C)	24.6	22	24.1	22.6	24.2
04	Total cloud cover (octa)	4	5	7	6	5
05	Max. Relative Humidity (%)	81	90	90	92	86
06	Min. Relative Humidity (%)	88	78	76	72	71
07	Wind Speed (kmp)	4	6	6	6	6

Weather Forecast Issued by the India Meteorological Department for Dakshina Kannada District for the coming five days – until 08:30 hrs of 18.10.2025 to 22.10.2025

Sl. No	Weather Parameters	Day-1 (18.10.2025)	Day-2 (19.10.2025)	Day-3 (20.10.2025)	Day-4 (21.10.2025)	Day-5 (22.10.2025)
1	Rainfall (mm)	40	35	14	10	10
2	Max Temp (°C)	34	33	34	34	33
3	Min Temp (°C)	23	23	23	23	23
4	Cloud cover (Okta)	7	7	6	7	7
5	Max. Relative Humidity (%)	90	91	90	92	93
6	Min. Relative Humidity (%)	67	68	67	66	65
7	Wind Speed (Kmph)	4	6	4	6	4
8	Wind Direction (°)	78	360	360	107	95
9	Forecast Warning	NIL	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	25-50	25-50	25-50	1-25	25-50

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 22.10.2025 to 28.10.2025

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 MODERATE RAINFALL is likely to be expected for next five days.** The maximum temperature would be around **33.0°C-3.0°C** and minimum temperature would be around **23.0°C -23.0°C** to during next five days. The Morning Relative humidity (RH) would vary from **90-93per cent**, Evening Relative humidity (RH) would vary from **65-68per cent** and wind speed will be in the range of **4.0-6.0** km/hr.

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

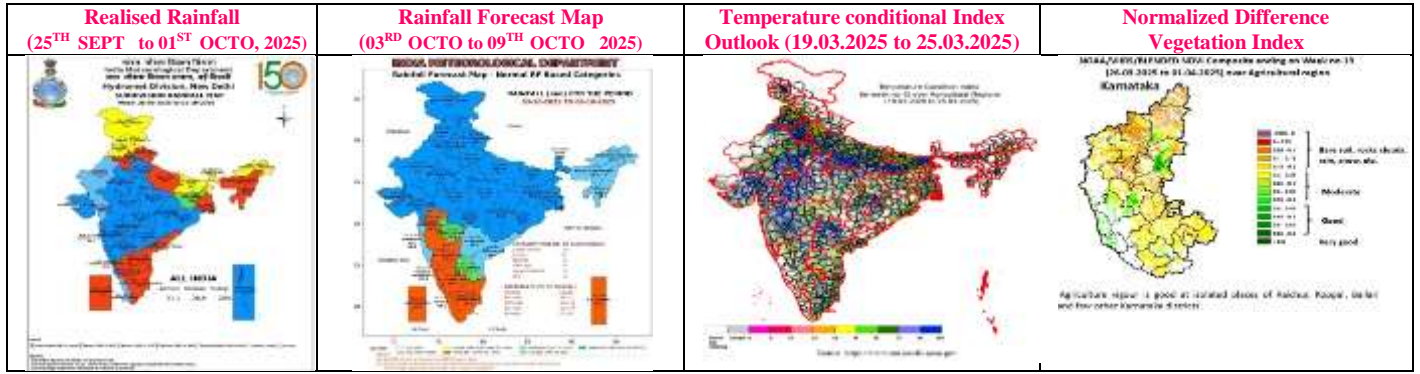
Farmers are suggested to download the app using below links

	Mausam:	Meghdoot:	Damini:
Andriod:	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

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	5234.9
Rainy days	105	112	107	119	121	112	123	126	152	125	105	135	128



Warnings for Costal Karnataka

Date of Issue: October 17, 2025

Day 1: October 17, 2025	Heavy Rain Thunderstorm & Lightning, Squall etc
Day 2: October 18, 2025	Heavy Rain Thunderstorm & Lightning, Squall etc
Day 3: October 19, 2025	Thunderstorm & Lightning, Squall etc
Day 4: October 20, 2025	Thunderstorm & Lightning, Squall etc
Day 5: October 21, 2025	Thunderstorm & Lightning, Squall etc
Day 6: October 22, 2025	No warning
Day 7: October 23, 2025	Heavy Rain

Weather based Agromet Advisories for Dakshina Kannada District

General Advisory:

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

- Farmers can make layout of new orchards for planting Arecanut, Coconut, Cashew etc.,
- Farmers can apply recommended dose of fertilizer to horticultural crops
- "Farmers can apply agricultural lime to their fields 15 days before applying chemical fertilizers, ensuring that soil moisture is present at the time of lime application."

Horticulture Crops :

Crop	Crop Stage	Operations/ Agromet Advisories
Arecanut (Root grub)	Physiological Maturity Stage	• To manage Root Grub farmers can drench the root zone with Chloropyriphos 20EC @ of 4ml/ltr
Arecanut (Nutrient Management)		• Farmers can apply Lime @ 200kg/Acre before application of recommended dose of fertilizer (100gm:40gm:140gm of NPK per Palm)
Arecanut (Weed Management)		• To manage weeds in orchard spray Glyphosate (Amoniam salt) 71% sg @ 4gram per litre.
Arecanut (Planting)		• 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"> Maintain sanitation in the orchard by collecting and destroying dried inflorescence, pest and disease infected nuts.
Coconut (Rhinoceros Beetle)	Physiological Maturity	<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 the perpetuation of the pest. 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)		<ul style="list-style-type: none"> 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.
Coconut (Nutrient Management)		<ul style="list-style-type: none"> Farmers can apply Lime @ 200kg/Acre before application of fertilizer (330gm of N :200gm of P: 800gm of Potash and 50kg of FYM)
Coconut (Weed Management)		<ul style="list-style-type: none"> To manage weeds in orchard spray Glyphosate(Amoniam salt) 71 sg @ 4gram per litre
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.
Cashew (Leaf Rot)	Vegetative stage	<ul style="list-style-type: none"> 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.
Jasmine (Leaf Spot)	Vegetative stage	<ul style="list-style-type: none"> For control of this disease, spray with Hexaconazole @ 1ml/litre of water.
Jasmine (Fusarium 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 FYM enriched with Tricoderma or drench with COC @ 3gm/ltr
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.
Black Pepper (QuickWilt)	Flowering stage	<p>As a precautionary measure go for pruning of severely affected leaves and destroy them followed by application of FYM enriched with neem cake or FYM enriched with Tricoderma or Drenching or spraying with 2gm of Metalaxyl+Mancozeb or spray 1% Bordo to vien.</p>
Horticultural crops (General Advise)	*****	<p>Mix 4 kg of Sahyadri Thrishool with 1kg of jaggery in 200 litre of water and keep it for one day & drench to root zone of plants. For Arecanut 2-3 litre/ plant, for Coconut 5-6 litre/ plant and for Black Pepper 2 litre/ plant. for other vegetables and flower crops mix 4 kg of Sahyadri Thrishool bio</p>

fertilizer along with 400 kg well decomposed FYM, apply after 10-15 days later as age proceeds.

Cereals and Pulses :

Paddy Flowering stage (Gandhi Bug)	<ul style="list-style-type: none"> ● Gandhi Bug : Bunds should be kept clean and farmers can use Malathion 50 EC @ of 2ml/ltr of water
Paddy Flowering stage	<ul style="list-style-type: none"> ● General advise: Maintain optimum water level in paddy field and bunds should be weeds free

General Advisory:

Vegetables (Sowing)	<ul style="list-style-type: none"> ● Earthing up should be taken along with recommended dose of fertilizers, Avoiding irrigation because good rains was received from past 5-8days
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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
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(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, Udupi.

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

Block wise weather forecast for Dakshina Kannada District issued by IMD,New Delhi valid from 18.10.2025 to 22.10.2025

Weather forecast issued by IMD, New Delhi for Bantwala Block of Dakshina Kannada district valid from 18.10.2025 to 22.10.2025

Sl. No	Weather Parameters	Day-1 (18.10.2025)	Day-2 (19.10.2025)	Day-3 (20.10.2025)	Day-4 (21.10.2025)	Day-5 (22.10.2025)
1	Rainfall (mm)	9	16.8	11.5	14	4.9
2	Max Temp (°C)	32.7	31.1	30.9	30.8	31
3	Min Temp (°C)	24	24	23.8	23.6	23.6
4	Cloud cover (Okta)	8	7	8	8	6
5	Max. Relative Humidity (%)	95.7	96.3	95.6	95.2	93.5
6	Min. Relative Humidity (%)	51.6	53.7	51.5	52.1	53.4
7	Wind Speed (Kmph)	2.2	3.6	4	4.3	4.3
8	Wind Direction (°)	80.5	95.7	100.3	131.7	360
9	Forecast Warning	NIL	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	25-50	25-50	25-50	1-25	25-50

Weather forecast issued by IMD, New Delhi for Belthangady Block of Dakshina Kannada district valid from 18.10.2025 to 22.10.2025

Sl. No	Weather Parameters	Day-1 (18.10.2025)	Day-2 (19.10.2025)	Day-3 (20.10.2025)	Day-4 (21.10.2025)	Day-5 (22.10.2025)
1	Rainfall (mm)	8	9.1	6.7	9.3	4.2
2	Max Temp (°C)	30.2	29.2	29.4	29.2	29.2
3	Min Temp (°C)	26	26.1	26.1	25.8	25.9
4	Cloud cover (Okta)	8	7	8	8	7
5	Max. Relative Humidity (%)	90.3	91.1	90.4	89.8	87.5
6	Min. Relative Humidity (%)	56.4	59.2	57.3	56	57.7
7	Wind Speed (Kmph)	3.3	5.1	7.3	10.2	9
8	Wind Direction (°)	102.5	94.1	110.2	135	106.3
9	Forecast Warning	NIL	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	25-50	25-50	25-50	1-25	25-50

Weather forecast issued by IMD,New Delhi for Mangalore Block of Dakshina Kannada district valid from 18.10.2025 to 22.10.2025

Sl. No	Weather Parameters	Day-1 (18.10.2025)	Day-2 (19.10.2025)	Day-3 (20.10.2025)	Day-4 (21.10.2025)	Day-5 (22.10.2025)
1	Rainfall (mm)	7	11.2	9	10	3.5
2	Max Temp (°C)	29.4	28.9	29.2	29.1	29.1
3	Min Temp (°C)	26.4	26.6	26.5	26.4	26.5
4	Cloud cover (Okta)	8	7	8	7	7
5	Max. Relative Humidity (%)	89.7	90.3	89.5	89.1	86.6
6	Min. Relative Humidity (%)	57.8	60.4	58.4	58.3	59.4
7	Wind Speed (Kmph)	4.3	6.2	9	15.3	10.8
8	Wind Direction (°)	94.8	96.7	118.6	138.8	111.5
9	Forecast Warning	NIL	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	25-50	25-50	25-50	1-25	25-50

weather forecast issued by IMD,New Delhi for Putturu Block of Dakshina Kannada district valid from 18.10.2025 to 22.10.2025

Sl. No	Weather Parameters	Day-1 (18.10.2025)	Day-2 (19.10.2025)	Day-3 (20.10.2025)	Day-4 (21.10.2025)	Day-5 (22.10.2025)
1	Rainfall (mm)	18	14.8	11.5	10.9	9.7
2	Max Temp (°C)	32.7	31.2	31.2	31.2	31.2
3	Min Temp (°C)	23.5	23.5	23.4	23.2	23.2
4	Cloud cover (Okta)	8	8	8	7	7
5	Max. Relative Humidity (%)	95.9	95.8	95.6	94.4	95.1
6	Min. Relative Humidity (%)	51.5	53.4	50.8	50.7	51.8
7	Wind Speed (Kmph)	2.2	1.8	3	1.3	2.2
8	Wind Direction (°)	360	78.7	104	123.7	99.5
9	Forecast Warning	NIL	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	25-50	25-50	25-50	1-25	25-50

Weather forecast issued by IMD,New Delhi for Sulya Block of Dakshina Kannada district valid from 18.10.2025 to 22.10.2025

Sl. No	Weather Parameters	Day-1 (18.10.2025)	Day-2 (19.10.2025)	Day-3 (20.10.2025)	Day-4 (21.10.2025)	Day-5 (22.10.2025)
1	Rainfall (mm)	20.3	32.1	19.7	16	17.5
2	Max Temp (°C)	31.2	29.4	29.6	29.8	30.1
3	Min Temp (°C)	22.7	22.9	22.7	22.7	22.6
4	Cloud cover (Okta)	8	7	8	8	8
5	Max. Relative Humidity (%)	94.8	94	92.5	92.5	92.6
6	Min. Relative Humidity (%)	55.3	58	57.2	56.7	53.9
7	Wind Speed (Kmph)	2.3	2.3	3.1	3.1	2.2
8	Wind Direction (°)	128.7	108.4	110.6	144.5	99.5
9	Forecast Warning	NIL	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	25-50	25-50	25-50	1-25	25-50