



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 02.08.2025 to 06.08.2025

No. GKMSB/60/2025

Date: 01.08.2025

Past Week Weather Data Of Dakshina Kannada (Date: 28.07.2025 to 01.08.2025)

Sl. No.	Weather Parameters	Day-1 (28.07.2025)	Day-2 (29.07.2025)	Day-3 (30.07.2025)	Day-4 (31.07.2025)	Day-5 (01.08.2025)
01	Rainfall (mm)	13.3	1.6	10	12.6	6.8
02	Max Temp Trend (deg C)	29.6	30.1	30.2	30.5	29.7
03	Min Temp Trend (deg C)	21.2	22.9	22.1	23.6	22.3
04	Total cloud cover (octa)	7	6	4	8	5
05	Max. Relative Humidity (%)	86	92	90	95	90
06	Min. Relative Humidity (%)	86	86	85	85	85
07	Wind Speed (kmp)	4	12	6	8	6

Weather Forecast Issued by the India Meteorological Department for Dakshina Kannada District for the coming five days – until 0830 hrs of 02.08.2025 to 06.08.2025

Sl. No	Weather Parameters	Day-1 (02.08.2025)	Day-2 (03.08.2025)	Day-3 (04.08.2025)	Day-4 (05.08.2025)	Day-5 (06.08.2025)
1	Rainfall (mm)	13	12	11	15	18
2	Max Temp (°C)	30	31	30	31	30
3	Min Temp (°C)	23	23	23	24	24
4	Cloud cover (Okta)	5	6	5	6	7
5	Max. Relative Humidity (%)	93	91	92	92	91
6	Min. Relative Humidity (%)	86	85	86	87	85
7	Wind Speed (Kmph)	6	6	8	6	6
8	Wind Direction (°)	326	90	90	360	297
9	Forecast Warning	GW	GW	GW	GW	GW/R+ H
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 Below Normal from 06.08.2025 to 12.08.2025

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 very likely to be expected for next five days.** The maximum temperature would be around **30.0°C-31.0°C** and minimum temperature would be around **23.0°C -24.0°C** to during next five days. The Morning Relative humidity (RH) would vary from **91-93er cent**, Evening Relative humidity (RH) would vary from **85-87 per cent** and wind speed will be in the range of **06-08 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

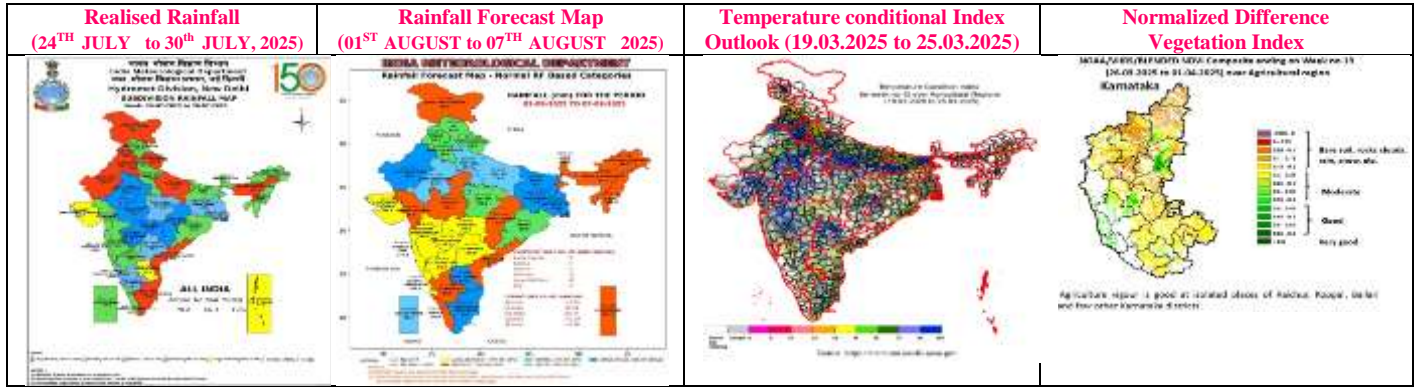
	Mausam:	Meghdoot:	Damini:
Andriod:	https://play.google.com/store/apps/details?id=com.imd.masuam	https://play.google.com/store/apps/details?id=com.aas.meghdoot	https://play.google.com/store/apps/details?id=com.lightening.live.damini
Apple OS:	https://apps.apple.com/us/app/id1522893967	https://apps.apple.com/in/app/meghdoot/id1474048155	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	3428.0
Rainy days	105	112	107	119	121	112	123	126	152	125	105	135	80



Warnings for Costal Karnataka

Date of Issue: August 1, 2025

Day 1: August 1, 2025	No warning
Day 2: August 2, 2025	No warning
Day 3: August 3, 2025	No warning
Day 4: August 4, 2025	No warning
Day 5: August 5, 2025	Heavy Rain
Day 6: August 6, 2025	Heavy Rain
Day 7: August 7, 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 spray second round of 1% Bordeaux mixture.
- Farmers can make layout of new orchards for planting Arecanut, Coconut, Cashew etc.,

Weather Based Agromet Advisories:

Crop	Operations/ Agromet Advisories
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 can spray second round of 1% Bordeaux mixture.
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 Chloropyriphos granules 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 (Rhinoceros Beetle)	<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 (Metarrhizium anisopliae) 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.

	<ul style="list-style-type: none"> 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.
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 Spraying with Hexaconazole or Difencanazole @ 1.0 ml/ litre of water.
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 Oxchloride 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 Tilling stage (Weed management)	<ul style="list-style-type: none"> 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.)
Paddy Tilling stage (First Top dress)	<ul style="list-style-type: none"> First top dressing of paddy crop at 25-30 days after planting, go for weeding followed by top dressing of 17.5 kg of Urea and 13.5kg MOP per acre.
Paddy Tilling stage (Leaf roller)	<ul style="list-style-type: none"> Bunds should be kept clean and farmers can use Quinalphos 25 EC or Chloropyriphos 20 EC @ of 2ml/ltr of water or Flubendiamide 48SC @ 0.08gm/ltr of water or Monocrotophos 36 SC @ 1.5ml/ltr of water or Neem oil (Azadirachtin-1000 ppm)@ of of 2ml/ltr of water or (300 ppm) of 4-5ml/ltr of water should be sprayed on the leaves.

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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General Advisory:

Vegetables (Sowing)	<ul style="list-style-type: none"> 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.
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General Advise :

Rain water harvesting structures	<ul style="list-style-type: none"> ➤ 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.
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Fisheries:

Fish Fingerling production	<ul style="list-style-type: none"> ➤ 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
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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)

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Block wise weather forecast for Dakshina Kannada District issued by IMD, New Delhi valid from 02.08.2025 to 06.08.2025

Weather forecast issued by IMD, New Delhi for Bantwala Block of Dakshina Kannada district valid from 02.08.2025 to 06.08.2025

Sl. No	Weather Parameters	Day-1 (02.08.2025)	Day-2 (03.08.2025)	Day-3 (04.08.2025)	Day-4 (05.08.2025)	Day-5 (06.08.2025)
1	Rainfall (mm)	14.7	12	12.3	19.9	30.7
2	Max Temp (°C)	28.5	28.2	28.8	28.2	26.8
3	Min Temp (°C)	23.7	23.7	23.5	23.2	23.2
4	Cloud cover (Okta)	8	8	7	8	8
5	Max. Relative Humidity (%)	94.2	94.7	94.6	94.9	95.2
6	Min. Relative Humidity (%)	73.4	72.2	67.4	71.7	78.1
7	Wind Speed (Kmph)	1.4	1.1	1.5	1.1	3.2
8	Wind Direction (°)	90	90	76	90	334
9	Forecast Warning	GW	GW	GW	GW	GW/R+ H
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 02.08.2025 to 06.08.2025

Sl. No	Weather Parameters	Day-1 (02.08.2025)	Day-2 (03.08.2025)	Day-3 (04.08.2025)	Day-4 (05.08.2025)	Day-5 (06.08.2025)
1	Rainfall (mm)	13.5	16.7	13.8	22.4	31.7
2	Max Temp (°C)	27.5	27.5	27.7	27.2	26.6
3	Min Temp (°C)	25.7	25.5	25.2	25	24.9
4	Cloud cover (Okta)	7	7	7	8	8
5	Max. Relative Humidity (%)	89.1	89.5	89.6	88.4	90
6	Min. Relative Humidity (%)	77.2	74.4	70.9	72.1	75.2
7	Wind Speed (Kmph)	9.4	8.9	3.6	7.7	10.3
8	Wind Direction (°)	320	317	354	319	324
9	Forecast Warning	GW	GW	GW	GW	GW/R+ H
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 02.08.2025 to 06.08.2025

Sl. No	Weather Parameters	Day-1 (02.08.2025)	Day-2 (03.08.2025)	Day-3 (04.08.2025)	Day-4 (05.08.2025)	Day-5 (06.08.2025)
1	Rainfall (mm)	13.8	16.7	14.3	25.8	34.3
2	Max Temp (°C)	27.4	27.2	27.5	27.1	26.5
3	Min Temp (°C)	25.9	25.8	25.5	25.2	25.2
4	Cloud cover (Okta)	8	8	8	8	8
5	Max. Relative Humidity (%)	88.9	89.5	89.7	89.7	90.1
6	Min. Relative Humidity (%)	77.1	74.8	71.8	74.6	75.1
7	Wind Speed (Kmph)	11.7	10.4	6.1	9.9	13.2
8	Wind Direction (°)	315	316	332	317	315
9	Forecast Warning	GW	GW	GW	GW	GW/R+ H
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 02.08.2025 to 06.08.2025

Sl. No	Weather Parameters	Day-1 (02.08.2025)	Day-2 (03.08.2025)	Day-3 (04.08.2025)	Day-4 (05.08.2025)	Day-5 (06.08.2025)
1	Rainfall (mm)	12.9	13.5	13.1	21.6	31
2	Max Temp (°C)	28.2	28.2	29	28.1	26.7
3	Min Temp (°C)	23.2	23.1	22.9	22.9	22.9
4	Cloud cover (Okta)	8	8	8	8	8

5	Max. Relative Humidity (%)	96	96.3	96.1	96.1	96.6
6	Min. Relative Humidity (%)	74.6	74.4	68	73.5	80.7
7	Wind Speed (Kmph)	0.7	1.3	1.8	0.7	1
8	Wind Direction (°)	90	124	127	90	315
9	Forecast Warning	GW	GW	GW	GW	GW/R+ H
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 02.08.2025 to 06.08.2025

Sl. No	Weather Parameters	Day-1 (02.08.2025)	Day-2 (03.08.2025)	Day-3 (04.08.2025)	Day-4 (05.08.2025)	Day-5 (06.08.2025)
1	Rainfall (mm)	12.1	11.3	11.3	23.4	39.6
2	Max Temp (°C)	27.7	27.4	28.2	27.2	25.2
3	Min Temp (°C)	22.7	22.6	22.4	22.2	22.2
4	Cloud cover (Okta)	8	8	8	8	8
5	Max. Relative Humidity (%)	95.8	96.2	96.1	96.9	97.1
6	Min. Relative Humidity (%)	72.6	72.4	68.6	75.6	86
7	Wind Speed (Kmph)	1.1	1.5	1.8	1.3	1.6
8	Wind Direction (°)	72	76	79	56	27
9	Forecast Warning	GW	GW	GW	GW	GW/R+ H
10	Chance of Occurrence (%)	75-100	75-100	75-100	75-100	75-100