



# 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 16.05.2026 to 20.05.2026

No. GKMSB/37/2026

Date: 15.05.2026

### Past Week Weather Data Of Dakshina Kannada (Date: 11.05.2026 to 15.05.2026)

Sl. No.	Weather Parameters	Day-1 (11.05.2026)	Day-2 (12.05.2026)	Day-3 (13.05.2026)	Day-4 (14.05.2026)	Day-5 (15.05.2026)
01	Rainfall (mm)	0	0	46.9	0	22.6
02	Max Temp Trend (deg C)	35.6	31.3	35.3	33.5	34.1
03	Min Temp Trend (deg C)	29	28	25.4	27	26.5
04	Total cloud cover (octa)	8	6	5	5	5
05	Max. Relative Humidity (%)	81	80	90	77	86
06	Min. Relative Humidity (%)	65	73	74	75	78
07	Wind Speed (kmp)	8	0	6	6	8

### Weather Forecast Issued by the India Meteorological Department for Dakshina Kannada District for the coming five days – until 0830 hrs of 16.05.2026 to 20.05.2026

Sl. No	Weather Parameters	Day-1 (16.05.2026)	Day-2 (17.05.2026)	Day-3 (18.05.2026)	Day-4 (19.05.2026)	Day-5 (20.05.2026)
1	Rainfall (mm)	12	13	14	12	10
2	Max Temp (°C)	34	34	34	35	34
3	Min Temp (°C)	27	27	27	28	27
4	Cloud cover (Okta)	7	8	7	6	6
5	Max. Relative Humidity (%)	86	85	84	84	86
6	Min. Relative Humidity (%)	70	71	72	71	70
7	Wind Speed (Kmph)	4	6	4	6	6
8	Wind Direction (°)	14	45	145	117	129
9	Forecast Warning	TSH/GW	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	25-50	1-25	1-25	1-25	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 20.05.2026 to 26.05.2026

### 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, **Chances of LIGHT RAINFALL TO MODERATE RAINFALL is likely to occur in next five days.** The maximum temperature would be around **34.0°C -35.0°C** and minimum temperature would be around **27.0°C – 28.0°C** to during next five days. The Morning Relative humidity (RH) would vary from **84-86 per cent**, Evening Relative humidity (RH) would vary from **70-72per cent** and wind speed will be in the range of **4-6km/hr**.

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

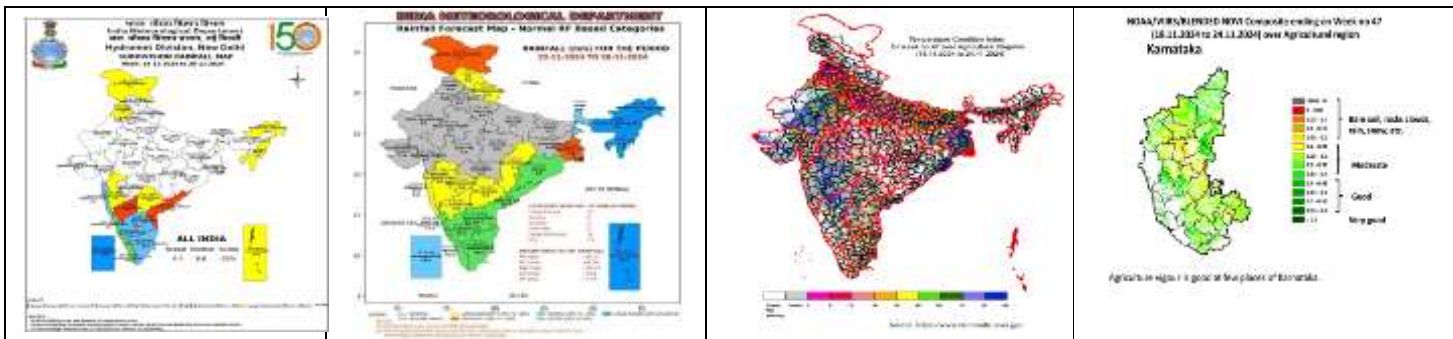
#### Farmers are suggested to download the app using below links

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

#### Decadal Rainfall (mm) Comparison:

Year	30 years Mean	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2025	2026
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	20.3
Rainy days	105	127	112	107	119	121	112	123	126	152	125	105	142	2

Realised Rainfall (14 <sup>th</sup> NOV to 20 <sup>th</sup> Nov, 2025)	Rainfall Forecast Map (22 <sup>nd</sup> Nov to 28 <sup>th</sup> 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: May 15, 2026

Day 1: May 15, 2026	Thunderstorm & Lightning, Squall etc
Day 2: May 16, 2026	No warning
Day 3: May 17, 2026	No warning
Day 4: May 18, 2026	No warning
Day 5: May 19, 2026	No warning
Day 6: May 20, 2026	No warning
Day 7: May 21, 2026	No warning

### Weather based Agromet Advisories for DAKSHINA KANNADA District

#### General Advisory:

- Farmers can sow green manuring crops in Horticultural crops i.e., like Diancha, Sunhemp or Cowpea atleast around palms or around root zone (Arecanut, Cashew and Coconut) which will acts as mulching in order to conserve soil moisture and which will add fertility to soil
- Farmers can go for **soil testing** of their respective plots, so that they can provide balanced fertilizers to conserve soil health
- Animals that are grazed outside in afternoon hours should be equipped with wet gunny bags over their back to reduce stress due to heat and animals should be provided clean drinking water
- This is a summer time so that farmers can collect Dry waste lying around the farm and they can make compost or vermicompost from that waste.(Sometimes this dry waste may catch a fire & it will cause a huge loss)

#### Horticultural Crops:

Crop	Stage	Pest/Dis ease/Ad visory	Operations/ Agromet Advisories
Arecanut	Flowe ring stage	Nursery	As the temperature is high so, in nursery shade management is important in summer month with rearrangement of polybags. Regular watering should be done with weekly weeding.
		Water manage ment	As the temperature is high Farmers can irrigate palm @ of 20 litre/day/palm. Provide Mulching from crop debris or green manure crops around root zone to conserve moisture
		General advise	As summer season is going on Shade management with intercropped Banana and other shade trees in borders to reduce effect of Sun in young gardens. Casuarina and Gliricidia are also being grown in borders to shade and as wind breaks.
		Weed manage ment	To manage weeds in orchard spray Glyphosate (Amoniam salt)41%SL @ of 6ml/ltr or Glyphosate 54% SC @ 4ml/litre or Glyphosate 71% SC @ 6 gram per litre.
		New orchard establish	Selection of new sites and laying out for new plantation. Pits of 60m <sup>3</sup> should be taken 2-3 weeks before planting to ward off the field

		ment	<p>heat.</p> <p>While digging top and bottom soil should be heaped separately. Pit should be half filled with the FYM one week before planting and Seedling should be planted at the centre of the pit. Planted seedling should be pressed around, Mulched and shaded around with fronds of coconut or arecanut.</p>
		<b>General advise</b>	As summer season is going on severe scorching and stem breaking may be noticed and stem of those palms should be covered with fronds of Arecanut or Coconut.
<b>Coconut</b>	<b>Maturity stage</b>	<b>Water management</b>	As the temperature is high farmers can irrigate palm @ of 35 litre/day/palm. Provide Mulching from crop debris or green manure crops around root zone to conserve moisture
		<b>Weed management</b>	To manage weeds in orchard spray Glyphosate (Amoniam salt)41%SL @ of 6ml/ltr or Glyphosate 54% SC @ 4ml/litre or Glyphosate 71% SC @ 6 gram per litre.
		<b>General advise</b>	As the temperature is high apply one basket full of mulch material to control evapo transpiration loses and weed growth in basins.
<b>Banana</b>	<b>Nut /fruit formation</b>	<b>Nutrient management</b>	Fertilizer should be applied in every month at recommended dosage with earthing up.
		<b>General advise</b>	<ul style="list-style-type: none"> <li>• 5 months After planting spray <b>Banana special</b> @5gm/ltr of water at an interval of 30days or one month.(For one sprayer spray solution add 1 lime and shampoo)</li> <li>• Banana should be irrigated at 07days interval</li> <li>• Bunch Treatment: To get good yield &amp; quality bunches treat the bunch with 10 gram of Urea,10 gm of Potassium Sulphate &amp; 0.5kg of cowdung should be mixed with 100ml of water &amp; tie to end of bunch</li> <li>• Dried leaves should be removed from plants</li> </ul>
<b>Black Pepper</b>	<b>Harvesting stage</b>	<b>Water management</b>	As the temperature is high 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 up to 20litre per day per vien.
		<b>General advise</b>	<ul style="list-style-type: none"> <li>• Remove hanging shoots in older plants.</li> <li>• Cover the young vines so as to prevent drying.</li> <li>• Inspect and remove plants showingsymptoms of phyllody and stunt diseases (viral).</li> </ul>
		<b>General advise</b>	Harvest the matured berries and processing can be done. Drying of berries can be done as temperature is high
		<b>Nutrient management</b>	<ul style="list-style-type: none"> <li>❖ Undertake manuring and fertilizer application with the receipt of few pre monsoon showers.</li> <li>❖ Apply organic manures @ 10kg/vine (decomposed cattle manure or compost or green leaves).</li> <li>❖ Apply neem cake @ 1 kg/ mature vine.</li> <li>❖ Apply lime @ 500 g / vine in alternate years.</li> </ul> <p>Apply Azospirillum (50 g/vine) and P. solubilizer (50 g /vine).</p>
		<b>Nursery</b>	<ul style="list-style-type: none"> <li>• Continue watering at the required frequency</li> <li>• Remove bags with infected cuttings or on nursery to prevent spread of disease.</li> </ul> <p>Select healthy, robust rooted cuttings for replanting.</p>
<b>Mango</b>	<b>Harvesting stage</b>	<b>General advise</b>	<ul style="list-style-type: none"> <li>• Irrigate the plants at 5days interval regularly.</li> <li>• Bark borer and stem borer – Incidence likely during hot weather observe</li> </ul>

			each and every plant regularly and if noticed control them applying carbofuran 3G 5gm per hole and plug with mud.
<b>Jasmine</b>	Flowering	<b>General advise</b>	As the temperature is high farmers apply one basket full of mulch material to control evapotranspiration losses and weed growth in basins.
		<b>Leaf spot</b>	Farmers should spray Monocrotophos @ of 1.7ml/ltr or Lamdacyalothrin @ 0.5ml/ltr.
<b>Cashew</b>	Fruit formation	<b>General advise</b>	As the temperature is high farmers irrigate the plants at 5days interval regularly. Provide Mulching from crop debris or green manure crops around root zone to conserve moisture

### Animal Husbandry :

<p><b>Cattle</b> (General advise)</p>	<p><b>Shade and Shelter:</b> Provide ample shade and shelter from the sun, using trees, thatched roofs, or other structures as the temperature is high.</p> <p><b>Water Availability:</b> Ensure access to clean, cool water at all times, and consider using shaded water tanks or earthen pitchers.</p> <p><b>Ventilation:</b> Improve ventilation in livestock sheds by using fans, creating barriers against hot winds, and ensuring adequate air circulation.</p> <p><b>Grazing Times:</b> Limit grazing during the hottest part of the day and encourage grazing in the early morning or evening.</p> <p><b>Storing Fodder:</b> Livestock owners without irrigated land can cut and dry green grass for storage.</p> <p><b>Supplementing Feed:</b> Consider supplementing animal feed with salt and flour in the water, or with other nutritious supplements.</p> <p><b>Vaccinations:</b> Ensure that animals are vaccinated against common diseases like FMD, Haemorrhagic Septicaemia, and Black Quarter.</p> <p><b>Parasite Control:</b> Parasites should be controlled to maintain livestock health</p> <p><b>Hygiene:</b> Maintain a clean environment in livestock sheds and ensure proper hygiene practices during milking and other procedures.</p> <p><b>Disease Monitoring:</b> Regularly monitor animals for signs of disease and seek veterinary assistance if needed</p>
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### FISHERIES:

<p><b>Fisheries</b> (General Advise)</p>	<p>➤ Routine checks like monitoring water quality, assessing fish health, adjusting feeding rates, and ensuring proper pond management.</p> <p style="text-align: center;"><b>01. Routine Monitoring and Checks:</b></p> <p><b>Water Quality:</b> Regularly check water temperature, pH, dissolved oxygen, and ammonia levels.</p> <p><b>Fish Health:</b> Observe fish behavior for signs of stress, disease, or unusual activity.</p> <p><b>Feeding Regimens:</b> Adjust feeding rates based on water temperature, fish growth, and water quality.</p> <p><b>Pond Management:</b> Ensure proper water levels, aeration, and debris removal.</p> <hr/> <p style="text-align: center;"><b>02. Pond Preparation for the Next Cycle:</b></p> <p><b>Harvesting:</b> Harvest mature fish, ensuring proper handling and processing.</p> <p><b>Pond Cleaning:</b> Clean and prepare the pond for the next fish stocking.</p> <p><b>Water Replenishment:</b> Refill the pond with fresh water, ensuring proper water quality.</p> <hr/> <p style="text-align: center;"><b>03. Disease Management:</b></p> <p><b>Treatment:</b> Identify and treat any fish diseases promptly using appropriate medication.</p> <p><b>Prevention:</b> Implement preventative measures to reduce the risk of disease</p>
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outbreaks.

(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 16.05.2026 to 20.05.2026**

**Weather forecast issued by IMD, New Delhi for Bantwala Block of Dakshina Kannada district valid from 16.05.2026 to 20.05.2026**

Sl. No	Weather Parameters	Day-1 (16.05.2026)	Day-2 (17.05.2026)	Day-3 (18.05.2026)	Day-4 (19.05.2026)	Day-5 (20.05.2026)
1	Rainfall (mm)	9.4	8	8.9	3.6	3.7
2	Max Temp (°C)	33.2	33.2	34.1	33.2	33.4
3	Min Temp (°C)	25.8	26.2	26.2	26.4	26.1
4	Cloud cover (Okta)	7	7	7	7	6
5	Max. Relative Humidity (%)	94.2	92.9	93.4	93.3	92.1
6	Min. Relative Humidity (%)	59	62.8	58.1	60.4	59.4
7	Wind Speed (Kmph)	2.4	3.3	5.4	3	1.8
8	Wind Direction (°)	26.6	6.3	340.3	14	53.1
9	Forecast Warning	TSH/GW	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	25-50	1-25	1-25	1-25	1-25

**Weather forecast issued by IMD, New Delhi for Belthangady Block of Dakshina Kannada district valid from 16.05.2026 to 20.05.2026**

Sl. No	Weather Parameters	Day-1 (16.05.2026)	Day-2 (17.05.2026)	Day-3 (18.05.2026)	Day-4 (19.05.2026)	Day-5 (20.05.2026)
1	Rainfall (mm)	11.1	6.8	10.2	6.1	7.4
2	Max Temp (°C)	30.8	30.9	30.9	30.8	30.9
3	Min Temp (°C)	28.1	28.2	28.4	28.5	28.4
4	Cloud cover (Okta)	7	7	7	8	6
5	Max. Relative Humidity (%)	85.5	85.8	86	85.2	83.9
6	Min. Relative Humidity (%)	74.8	74.5	73.8	73.7	72.1
7	Wind Speed (Kmph)	9.9	13.2	10.7	9.1	5.8
8	Wind Direction (°)	349.5	325	348.3	350.9	352.9
9	Forecast Warning	TSH/GW	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	25-50	1-25	1-25	1-25	1-25

**Weather forecast issued by IMD, New Delhi for Mangalore Block of Dakshina Kannada district valid from 16.05.2026 to 20.05.2026**

Sl. No	Weather Parameters	Day-1 (16.05.2026)	Day-2 (17.05.2026)	Day-3 (18.05.2026)	Day-4 (19.05.2026)	Day-5 (20.05.2026)
1	Rainfall (mm)	2.4	3.2	4.9	2.4	3.6
2	Max Temp (°C)	31.9	32.5	32.2	32.1	32.1
3	Min Temp (°C)	28.2	28.9	28.7	28.7	28.5
4	Cloud cover (Okta)	7	7	7	7	7
5	Max. Relative Humidity (%)	85.6	85.2	87.4	86.8	86.2
6	Min. Relative Humidity (%)	70.9	69.4	69.8	69.8	67.8
7	Wind Speed (Kmph)	9.2	12.6	13	11.6	7.4
8	Wind Direction (°)	339.4	332.7	340.6	338.2	330.9
9	Forecast Warning	TSH/GW	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	25-50	1-25	1-25	1-25	1-25

**weather forecast issued by IMD, New Delhi for Putturu Block of Dakshina Kannada district valid from 16.05.2026 to 20.05.2026**

Sl. No	Weather Parameters	Day-1 (16.05.2026)	Day-2 (17.05.2026)	Day-3 (18.05.2026)	Day-4 (19.05.2026)	Day-5 (20.05.2026)
1	Rainfall (mm)	13	5.2	6.8	3.7	3.7
2	Max Temp (°C)	33.4	33.5	34.1	33.1	33
3	Min Temp (°C)	25.1	25.2	25.5	25.6	25.4
4	Cloud cover (Okta)	7	7	7	7	6

5	Max. Relative Humidity (%)	96.8	96.6	96.8	96.2	95.6
6	Min. Relative Humidity (%)	60.6	61.2	58.9	63.3	62.9
7	Wind Speed (Kmph)	2.6	1.6	1.9	2.2	1.4
8	Wind Direction (°)	56.3	63.4	21.8	9.5	90
9	Forecast Warning	TSH/GW	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	25-50	1-25	1-25	1-25	1-25

**Weather forecast issued by IMD, New Delhi for Sulya Block of Dakshina Kannada district valid from 16.05.2026 to 20.05.2026**

Sl. No	Weather Parameters	Day-1 (16.05.2026)	Day-2 (17.05.2026)	Day-3 (18.05.2026)	Day-4 (19.05.2026)	Day-5 (20.05.2026)
1	Rainfall (mm)	15	13.4	15.6	6.1	3.1
2	Max Temp (°C)	32.1	31.9	32.7	31.1	30.9
3	Min Temp (°C)	23.2	23.6	23.6	24.1	23.7
4	Cloud cover (Okta)	7	7	8	8	7
5	Max. Relative Humidity (%)	98.2	98.1	98.2	97.8	97.6
6	Min. Relative Humidity (%)	62.9	65	60.5	67.3	67.7
7	Wind Speed (Kmph)	2.3	1.6	2.1	1	1.1
8	Wind Direction (°)	51.3	63.4	31	45	108.4
9	Forecast Warning	TSH/GW	NIL	NIL	NIL	NIL
10	Chance of Occurrence (%)	25-50	1-25	1-25	1-25	1-25