



# 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 02.07.2025 to 06.07.2025

No. GKMSB/51/2025

Date: 01.07.2025

#### Past Week Weather Data Of Dakshina Kannada (Date: 27.06.2025 to 01.07.2025)

Sl. No.	Weather Parameters	Day-1 (27.06.2025)	Day-2 (28.06.2025)	Day-3 (29.06.2025)	Day-4 (30.06.2025)	Day-5 (01.07.2025)
01	Rainfall (mm)	40.1	10.3	44.3	21.6	16.6
02	Max Temp Trend (deg C)	30.1	29.6	30.6	30.5	28.6
03	Min Temp Trend (deg C)	22.6	22.6	23.4	22.2	22.1
04	Total cloud cover (octa)	5	8	7	6	8
05	Max. Relative Humidity (%)	90	93	92	95	90
06	Min. Relative Humidity (%)	92	86	85	91	85
07	Wind Speed (kmp)	4	5	3.8	4	4.6

#### Weather Forecast Issued by the India Meteorological Department for Dakshina Kannada District for the coming five days – until 0830 hrs of 02.07.2025 to 06.07.2025

Sl. No	Weather Parameters	Day-1 (02.07.2025)	Day-2 (03.07.2025)	Day-3 (04.07.2025)	Day-4 (05.07.2025)	Day-5 (06.07.2025)
1	Rainfall (mm)	27.5	41.5	27.6	37.3	36.6
2	Max Temp (°C)	26.8	26.7	27.2	27.4	27.1
3	Min Temp (°C)	23.2	23	23.1	23	23
4	Cloud cover (Okta)	8	7	8	8	7
5	Max. Relative Humidity (%)	93.8	94.5	94.8	94.6	94.5
6	Min. Relative Humidity (%)	78.4	78.8	77.2	76.6	77
7	Wind Speed (Kmph)	1.6	2.4	2.2	2.4	2.9
8	Wind Direction (°)	206.5	206.5	90	206.5	209.7
9	Forecast Warning	GW	GW/R+ W	GW/R+ W	GW/R+ W	GW/R+ W
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 Normal from 06.07.2025 to 12.07.2025

#### 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 MODERATE RAINFALL TO RATHER HEAVY RAINFALL is very likely to be expected for next five days.** The maximum temperature would be around **26.7°C-27.4°C** and minimum temperature would be around **23.0°C -23.2°C** to during next five days. The Morning Relative humidity (RH) would vary from **93.8-94.8per cent**, Evening Relative humidity (RH) would vary from **76.2-78.8 per cent** and wind speed will be in the range of **1.6-2.9** 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

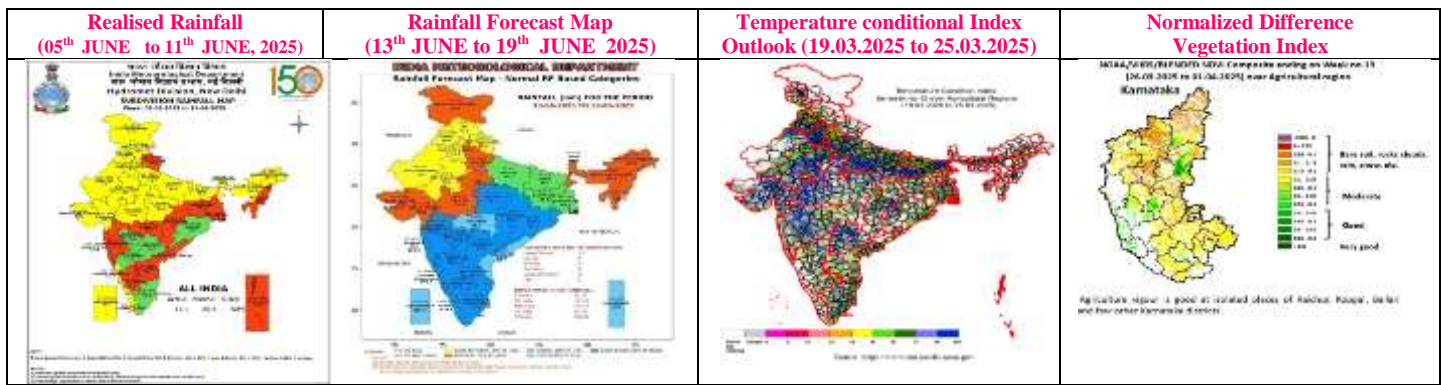
	<b>Mausam:</b>	<b>Meghdoot:</b>	<b>Damini:</b>
Andriod:	<a href="https://play.google.com/store/apps/details?id=com.imd.masuam">https://play.google.com/store/apps/details?id=com.imd.masuam</a>	<a href="https://play.google.com/store/apps/details?id=com.aas.meghdoot">https://play.google.com/store/apps/details?id=com.aas.meghdoot</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>

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	1951.8
Rainy days	105	112	107	119	121	112	123	126	152	125	105	135	49



### Warnings for Coastal Karnataka

Date of Issue: July 1, 2025

Day 1: July 1, 2025	Strong Surface Winds
Day 2: July 2, 2025	Heavy Rain Strong Surface Winds
Day 3: July 3, 2025	Heavy Rain Strong Surface Winds
Day 4: July 4, 2025	Heavy Rain Strong Surface Winds
Day 5: July 5, 2025	Heavy Rain
Day 6: July 6, 2025	Heavy Rain
Day 7: July 7, 2025	Heavy Rain

### General Advisory:

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

Farmers can start transplantation of paddy (Farmers should follow mechanical transplanting to reduce labour cost)

For **paddy seedling nurseries**, farmers are specifically advised to **ensure proper drainage and remove excess rainwater** promptly. Failure to do so may lead to **rotting of seedlings**, affecting the next stage of cultivation.

Cleanliness should be maintained around livestock sheds to prevent diseases

### Weather Based Agromet Advisories for Dakshina Kaannada :

#### Horticulture Crops :

Crop	Operations/ Agromet Advisories
<b>Nutrient management (Lime Application)</b>	Farmers can apply lime to their field, 15 days prior to fertilizer application based on moisture present in soil.
<b>Water management</b>	As monsoon is progressing farmers can make proper drainage facilities to drain out excess rainwater from orchards to avoid infestation of Koleroga.
<b>Arecanut (Spindle Bug)</b>	To Manage Spindle bug farmers are advised to take a spray of Dimethoate @ 1.7ml per liter of water.
<b>Coconut (Rhinceros beetle)</b>	To manage Rhinceros beetle mix Chologyriphos Granules with sand (1:1 ratio) & apply it to the crown region. Collect the adult beetles & destroy them. Maintain sanitation in the coconut orchard & destroy their breeding sites.
<b>Coconut (stem Bleeding)</b>	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.

<b>Banana (General Advice)</b>	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)
<b>Black Pepper (Quick wilt)</b>	Infected plants are removed and burnt it.In the orchard make it proper irrigation channel. Excess dried plant and runners from the ground level should be cut and removed.
<b>Cashew (Stem Borer)</b>	Farmers are advised to clean the first then with the help of hook collect live larvae and destroy it. After this prepare a paste of Chloropyriphos or Monocrotophos @ 5ml/ltr & smear it to the infected hole

### Cereals and Pulses :

<b>Paddy fallows (Nursery preparation)</b>	Nursery beds of size 7.5 mt length, 5.2 mt width & 10cm height are prepared for sowing (300m <sup>2</sup> /ac). Apply 25 kg FYM, 195 gm of Urea, 280gm of SSP, 75gm of MOP per bed. Good seed materials were selected & chaffy seed materials were eliminated by salt water treatment (1:4). 18-22 days old seedlings were selected for transplanting in main field.
<b>Paddy (Dapog/ Mat method nursery preparation) (per acre)</b>	<ul style="list-style-type: none"> <li>• Prepare beds of 24 feet long, 3 feet wide, 3/4 to 1 inch thick on plastic sheet, and spread well mixed soil and FYM / vermi-compost to about 1 inch thick. Uniformly sown the sprouted Rice seeds soaked in water for 24 hours and kept in a warm place for 6 hours and spread the soil thinly over it.</li> <li>• Paddy grass should be covered to prevent the temperature of the birds and the sun.</li> <li>• 2-3 times a day should be sprinkled with water.</li> </ul>

### Animal Husbandry :

<b>Cattle (General advise)</b>	<ul style="list-style-type: none"> <li>➤ Maintaining hygiene in sheds will help to combat FMD.</li> <li>➤ Time is suitable to overcome Foot &amp; mouth disease (FMD) in cattles.</li> <li>➤ Avoid tying animals under tree or in any exposed area during lightning and thunderstorm</li> <li>➤ Vaccinate the animals for Hemorrhagic septicaemia (HS) and Black quarter during June months.</li> </ul>
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### General Advise :

<b>Rain water harvesting structures</b>	➤ 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:

<b>Fish Fingerling production</b>	<ul style="list-style-type: none"> <li>➤ Farmers can make preparation of fish pond for fingerling production</li> <li>➤ 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.</li> </ul>
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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 02.07.2025 to 06.07.2025**

**Weather forecast issued by IMD, New Delhi for Bantwala Block of Dakshina Kannada district valid from 02.07.2025 to 06.07.2025**

Sl. No	Weather Parameters	Day-1 (02.07.2025)	Day-2 (03.07.2025)	Day-3 (04.07.2025)	Day-4 (05.07.2025)	Day-5 (06.07.2025)
1	Rainfall (mm)	44.2	31.7	36.7	38.6	30.9
2	Max Temp (°C)	27.5	27.9	28.2	27.9	28
3	Min Temp (°C)	23.7	23.8	23.7	23.9	23.5
4	Cloud cover (Okta)	7	7	8	8	7
5	Max. Relative Humidity (%)	93.5	94.3	94.2	93.9	95.6
6	Min. Relative Humidity (%)	77.1	76.7	75.7	76.2	75.4
7	Wind Speed (Kmph)	3.7	3.2	3.9	3.4	3.2
8	Wind Direction (°)	191.3	153.5	201.8	212	153.5
9	Forecast Warning	GW	GW/R+ W	GW/R+ W	GW/R+ W	GW/R+ W

10	Chance of Occurrence (%)	75-100%	75-100%	75-100%	75-100%	75-100%
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**Weather forecast issued by IMD, New Delhi for Belthangady Block of Dakshina Kannada district valid from 02.07.2025 to 06.07.2025**

Sl. No	Weather Parameters	Day-1 (02.07.2025)	Day-2 (03.07.2025)	Day-3 (04.07.2025)	Day-4 (05.07.2025)	Day-5 (06.07.2025)
1	Rainfall (mm)	25	48.4	30.1	43	34.6
2	Max Temp (°C)	27.6	27.8	27.9	27.7	27.8
3	Min Temp (°C)	26	26.1	26.1	26	26.2
4	Cloud cover (Okta)	7	7	7	8	8
5	Max. Relative Humidity (%)	87.7	87.7	88.5	89	88
6	Min. Relative Humidity (%)	77	75.5	76.1	76.9	76.6
7	Wind Speed (Kmph)	9.8	9.9	8.7	12.3	14
8	Wind Direction (°)	252.9	226.4	221.6	229.7	235.5
9	Forecast Warning	GW	GW/R+ W	GW/R+ W	GW/R+ W	GW/R+ W
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 02.07.2025 to 06.07.2025**

Sl. No	Weather Parameters	Day-1 (02.07.2025)	Day-2 (03.07.2025)	Day-3 (04.07.2025)	Day-4 (05.07.2025)	Day-5 (06.07.2025)
1	Rainfall (mm)	23	48	30.2	39.8	36.4
2	Max Temp (°C)	27.7	27.8	28	27.8	27.8
3	Min Temp (°C)	26.4	26.4	26.5	26.5	26.6
4	Cloud cover (Okta)	7	7	7	8	8
5	Max. Relative Humidity (%)	87.1	86.8	87.8	88.3	87.1
6	Min. Relative Humidity (%)	77.8	76.3	76.6	76.9	76.8
7	Wind Speed (Kmph)	12.8	12.6	11.5	14.1	16.3
8	Wind Direction (°)	253.6	233.1	228.8	237.5	242.3
9	Forecast Warning	GW	GW/R+ W	GW/R+ W	GW/R+ W	GW/R+ W
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 02.07.2025 to 06.07.2025**

Sl. No	Weather Parameters	Day-1 (02.07.2025)	Day-2 (03.07.2025)	Day-3 (04.07.2025)	Day-4 (05.07.2025)	Day-5 (06.07.2025)
1	Rainfall (mm)	34.1	47.8	31.5	33	34.9
2	Max Temp (°C)	27.2	27.2	27.7	27.8	27.7
3	Min Temp (°C)	23.2	23	23.1	23	23
4	Cloud cover (Okta)	8	7	8	8	8
5	Max. Relative Humidity (%)	95.6	96.4	96.2	96.1	95.9
6	Min. Relative Humidity (%)	78.7	79	77.7	77.1	77.3
7	Wind Speed (Kmph)	2.1	2.2	2.4	2.5	2.2
8	Wind Direction (°)	149.1	90	153.5	188.1	90
9	Forecast Warning	GW	GW/R+ W	GW/R+ W	GW/R+ W	GW/R+ W
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 02.07.2025 to 06.07.2025**

Sl. No	Weather Parameters	Day-1 (02.07.2025)	Day-2 (03.07.2025)	Day-3 (04.07.2025)	Day-4 (05.07.2025)	Day-5 (06.07.2025)
1	Rainfall (mm)	22.8	26.7	17.2	20.1	19.8
2	Max Temp (°C)	26.2	26.4	27	27.2	27
3	Min Temp (°C)	22.6	22.5	22.5	22.4	22.4
4	Cloud cover (Okta)	8	7	8	8	7
5	Max. Relative Humidity (%)	95.3	95.4	95.8	95	94.6
6	Min. Relative Humidity (%)	79	80.3	77.6	75	76.2
7	Wind Speed (Kmph)	2.2	2.9	3	2.5	2.9
8	Wind Direction (°)	90	187.1	166	188.1	172.9
9	Forecast Warning	GW	GW/R+ W	GW/R+ W	GW/R+ W	GW/R+ W
10	Chance of Occurrence (%)	75-100%	75-100%	75-100%	75-100%	75-100%