



**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 23.07.2025 to 27.07.2025**

No. GKMSB/57/2025

Date: 22.07.2025

**Past Week Weather Data Of Dakshina Kannada (Date: 18.07.2025 to 22.07.2025)**

Sl. No.	Weather Parameters	Day-1 (18.07.2025)	Day-2 (19.07.2025)	Day-3 (20.07.2025)	Day-4 (21.07.2025)	Day-5 (22.07.2025)
01	Rainfall (mm)	22.7	79.3	37.5	40.6	34.5
02	Max Temp Trend (deg C)	27.3	25.3	26.2	26.5	26.6
03	Min Temp Trend (deg C)	21	22.7	21	22.9	22.2
04	Total cloud cover (octa)	7	8	7	8	7
05	Max. Relative Humidity (%)	97	96	96	95	97
06	Min. Relative Humidity (%)	95	96	93	93	90
07	Wind Speed (kmp)	6	10	3	6	4

**Weather Forecast Issued by the India Meteorological Department for Dakshina Kannada District for the coming five days – until 0830 hrs of 23.07.2025 to 27.07.2025**

Sl. No	Weather Parameters	Day-1 (23.07.2025)	Day-2 (24.07.2025)	Day-3 (25.07.2025)	Day-4 (26.07.2025)	Day-5 (27.07.2025)
1	Rainfall (mm)	40	25	25	20	20
2	Max Temp (°C)	27	27	27	27	27
3	Min Temp (°C)	22	22	22	22	22
4	Cloud cover (Okta)	7	7	7	7	7
5	Max. Relative Humidity (%)	97	95	94	93	94
6	Min. Relative Humidity (%)	88	87	89	88	87
7	Wind Speed (Kmph)	6	6	8	8	10
8	Wind Direction (°)	254	255	249	252	249
9	Forecast Warning	GW/R++ H	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 27.07.2025 to 02.08.2025

**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 TO RATHER HEAVY RAINFALL is very likely to be expected for next five days.** The maximum temperature would be around **27.0°C-27.0°C** and minimum temperature would be around **22.0°C -22.0°C** to during next five days. The Morning Relative humidity (RH) would vary from **93-97er cent**, Evening Relative humidity (RH) would vary from **88-89 per cent** and wind speed will be in the range of **06-10** 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**

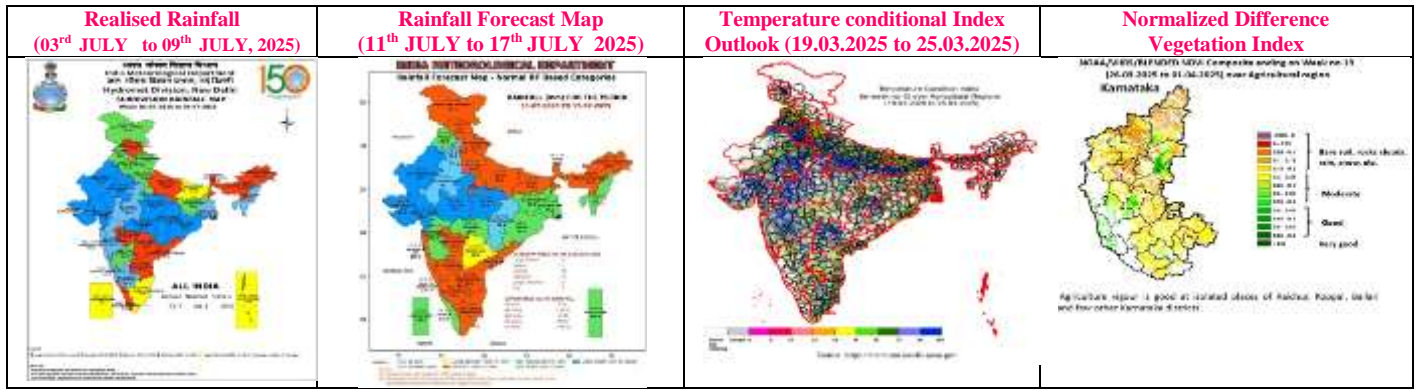
	<b>Mausam:</b>	<b>Meghdoot:</b>	<b>Damini:</b>
Andriod:	<a href="https://play.google.com/store/apps/details?id=com.imd.masuam">https://play.google.com/store/apps/details?id=com.imd.masuam</a>	<a href="https://play.google.com/store/apps/detail?id=com.aas.meghdoot">https://play.google.com/store/apps/detail?id=com.aas.meghdoot</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	3102.3
Rainy days	105	112	107	119	121	112	123	126	152	125	105	135	70



**Warnings for Costal Karnataka**

Date of Issue: July 22, 2025

Day 1: July 22, 2025	Very Heavy Rain Strong Surface Winds
Day 2: July 23, 2025	Heavy Rain Strong Surface Winds
Day 3: July 24, 2025	Heavy Rain Strong Surface Winds
Day 4: July 25, 2025	Heavy Rain Strong Surface Winds
Day 5: July 26, 2025	Heavy Rain Strong Surface Winds
Day 6: July 27, 2025	Heavy Rain
Day 7: July 28, 2025	Heavy Rain

**Weather based Agromet Advisories for Dakshina Kannada District**

**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 postpone spraying 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
<b>Arecanut (Planting)</b>	<ul style="list-style-type: none"> <li>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.</li> <li>9x9 feet distance is desirable between the plants for proper aeration. Provide 1½ feet trench should be opened to ensure proper drainage and aeration.</li> </ul>
<b>Arecanut (General advise)</b>	<ul style="list-style-type: none"> <li>Farmers can postpone spraying 1% Bordeaux mixture.</li> </ul>
<b>Coconut (Planting)</b>	<ul style="list-style-type: none"> <li>Time is suitable for planting of new arecanut gardens at higher places/hilly areas.</li> <li>Add FYM, top soil and 20gram Chloropyriphos granules mixture into it.</li> <li>Select healthy plants and plant it in the centre of the pit. Staking is done for plants.</li> <li>Care should be taken for excess storage of water under plants in heavy rainfall areas.</li> </ul>
<b>Coconut (Rhinoceros Beetle)</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Incorporate the Entomopathogen i.e, fungus (Metarrhizium anisopliae) in manure pits to check the perpetuation of the pest.</li> </ul>

	<ul style="list-style-type: none"> <li>• Examine the crowns of tree at every harvest and hook out and kill the adults.</li> <li>• 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.</li> <li>• Place Phorate 10 G 5gm in perforated sachets in two inner most leaf axils for 2 times at 6 months intervals.</li> <li>• Set up one Rhinolure pheromone trap for half hectare area to trap and kill the beetles.</li> </ul>
<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 (Leaf Spot/Sigatoka)</b>	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
<b>Black Pepper (Quick wilt)</b>	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
<b>Jasmine (Leaf Spot)</b>	For control of this disease, spray with Hexaconazole @ 1ml/litre of water.
<b>Jasmine (General advise)</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Continuous water stagnation in this zone leads to Wilt disease.</li> </ul>
<b>Horticultural crops (General advise)</b>	<ul style="list-style-type: none"> <li>• 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.</li> </ul>

### Cereals and Pulses :

<b>Paddy (Transplanting)</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Once in three years go for application of 8Kg of Zinc Sulphate and 1Kg of borax per acre based on soil test report.</li> </ul>
<b>Paddy (Weed management)</b>	<ul style="list-style-type: none"> <li>• At 3-5 days of transplanting, go for application of 80g Pyrazosulfuron Ethyl 10WP well mixed with 10Kg of moist sand.</li> <li>• 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)</li> <li>• 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)</li> <li>• 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.)</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> <li>➤ Farmers can plant perennial fodder grasses</li> <li>➤ Farmers can provide additional supplements with food</li> </ul>
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### General Advisory:

<b>Vegetables (Sowing)</b>	<ul style="list-style-type: none"> <li>• Time suitable for sowing of vegetable seeds in upland areas.</li> <li>• 15-20 days after sowing earthing up should be taken along with recommended dose of fertilizers.</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)**

**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 23.07.2025 to 27.07.2025**

**Weather forecast issued by IMD, New Delhi for Bantwala Block of Dakshina Kannada district valid from 23.07.2025 to 27.07.2025**

Sl. No	Weather Parameters	Day-1 (23.07.2025)	Day-2 (24.07.2025)	Day-3 (25.07.2025)	Day-4 (26.07.2025)	Day-5 (27.07.2025)
1	Rainfall (mm)	37.1	47.4	34.6	38.4	36.1
2	Max Temp (°C)	25.1	25.6	26.8	26.2	25.9
3	Min Temp (°C)	23.2	23.6	23.9	24.2	24.2
4	Cloud cover (Okta)	8	8	8	8	8
5	Max. Relative Humidity (%)	95.8	95.8	94.3	92	91.6
6	Min. Relative Humidity (%)	88.1	84	82.5	81.7	80.7
7	Wind Speed (Kmph)	4.3	5.4	7.2	11.4	9.8
8	Wind Direction (°)	265.2	262.4	252.5	251.6	246.2
9	Forecast Warning	GW/R++ H	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 23.07.2025 to 27.07.2025**

Sl. No	Weather Parameters	Day-1 (23.07.2025)	Day-2 (24.07.2025)	Day-3 (25.07.2025)	Day-4 (26.07.2025)	Day-5 (27.07.2025)
1	Rainfall (mm)	41.8	44.3	30.4	37	31.8
2	Max Temp (°C)	26.2	26.7	27	27	27.2
3	Min Temp (°C)	25.2	25.5	26	26	26.2
4	Cloud cover (Okta)	8	8	8	8	8
5	Max. Relative Humidity (%)	91.2	90.6	88.6	88.2	86.2
6	Min. Relative Humidity (%)	83.7	81	81	78.6	77.2
7	Wind Speed (Kmph)	13.7	16.6	18.4	24.7	24
8	Wind Direction (°)	274.5	267.5	258.7	253.9	250.7
9	Forecast Warning	GW/R++ H	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 23.07.2025 to 27.07.2025**

Sl. No	Weather Parameters	Day-1 (23.07.2025)	Day-2 (24.07.2025)	Day-3 (25.07.2025)	Day-4 (26.07.2025)	Day-5 (27.07.2025)
1	Rainfall (mm)	41.6	45.2	28.8	35.4	33.2
2	Max Temp (°C)	26.5	26.7	27.1	27.2	27.2
3	Min Temp (°C)	25.6	25.7	26.2	26.2	26.2
4	Cloud cover (Okta)	8	8	8	8	8
5	Max. Relative Humidity (%)	90.2	90.1	87.8	87.5	86
6	Min. Relative Humidity (%)	82.7	80.4	79.7	78	76.5
7	Wind Speed (Kmph)	16.7	19.5	21.6	26.8	26.8
8	Wind Direction (°)	277.4	267.9	259.4	255.2	250.3

9	Forecast Warning	<b>GW/R++ H</b>	<b>GW/R+</b>	<b>GW/R+</b>	<b>GW/R+</b>	<b>GW/R+</b>
10	Chance of Occurrence (%)	<b>75-100%</b>	<b>75-100%</b>	<b>75-100%</b>	<b>75-100%</b>	<b>75-100%</b>

**Weather forecast issued by IMD,New Delhi for Putturu Block of Dakshina Kannada district valid from 23.07.2025 to 27.07.2025**

Sl. No	Weather Parameters	Day-1 (23.07.2025)	Day-2 (24.07.2025)	Day-3 (25.07.2025)	Day-4 (26.07.2025)	Day-5 (27.07.2025)
1	Rainfall (mm)	<b>35.2</b>	<b>38.2</b>	<b>39.8</b>	<b>40.1</b>	<b>42.4</b>
2	Max Temp (°C)	<b>24.7</b>	<b>25.4</b>	<b>26.1</b>	<b>25.8</b>	<b>25.1</b>
3	Min Temp (°C)	<b>22.9</b>	<b>22.9</b>	<b>23.1</b>	<b>23.5</b>	<b>23.4</b>
4	Cloud cover (Okta)	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
5	Max. Relative Humidity (%)	<b>97.1</b>	<b>97.4</b>	<b>96.4</b>	<b>93.8</b>	<b>94.7</b>
6	Min. Relative Humidity (%)	<b>89</b>	<b>83.8</b>	<b>84.6</b>	<b>84.2</b>	<b>82.8</b>
7	Wind Speed (Kmph)	<b>2.5</b>	<b>3.7</b>	<b>5</b>	<b>7.7</b>	<b>6.2</b>
8	Wind Direction (°)	<b>225</b>	<b>240.9</b>	<b>239.7</b>	<b>242.2</b>	<b>234.4</b>
9	Forecast Warning	<b>GW/R++ H</b>	<b>GW/R+</b>	<b>GW/R+</b>	<b>GW/R+</b>	<b>GW/R+</b>
10	Chance of Occurrence (%)	<b>75-100%</b>	<b>75-100%</b>	<b>75-100%</b>	<b>75-100%</b>	<b>75-100%</b>

**Weather forecast issued by IMD,New Delhi for Sulya Block of Dakshina Kannada district valid from 23.07.2025 to 27.07.2025**

Sl. No	Weather Parameters	Day-1 (23.07.2025)	Day-2 (24.07.2025)	Day-3 (25.07.2025)	Day-4 (26.07.2025)	Day-5 (27.07.2025)
1	Rainfall (mm)	<b>30.8</b>	<b>36.9</b>	<b>38.6</b>	<b>38.5</b>	<b>42.9</b>
2	Max Temp (°C)	<b>24.1</b>	<b>24.1</b>	<b>24.6</b>	<b>24.4</b>	<b>24</b>
3	Min Temp (°C)	<b>22.1</b>	<b>22.2</b>	<b>22.4</b>	<b>22.6</b>	<b>22.2</b>
4	Cloud cover (Okta)	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
5	Max. Relative Humidity (%)	<b>97.6</b>	<b>98.1</b>	<b>97.1</b>	<b>95.8</b>	<b>95.8</b>
6	Min. Relative Humidity (%)	<b>88.8</b>	<b>87.2</b>	<b>88.2</b>	<b>87.2</b>	<b>86.3</b>
7	Wind Speed (Kmph)	<b>2.6</b>	<b>3.4</b>	<b>4.8</b>	<b>6.6</b>	<b>5.9</b>
8	Wind Direction (°)	<b>213.7</b>	<b>212</b>	<b>222</b>	<b>225</b>	<b>217.5</b>
9	Forecast Warning	<b>GW/R++ H</b>	<b>GW/R+</b>	<b>GW/R+</b>	<b>GW/R+</b>	<b>GW/R+</b>
10	Chance of Occurrence (%)	<b>75-100%</b>	<b>75-100%</b>	<b>75-100%</b>	<b>75-100%</b>	<b>75-100%</b>