



# 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 29.07.2026 to 02.08.2026

No. GKMSB/57/2026

Date: 28.07.2026

### Past Week Weather Data Of Dakshina Kannada (Date: 25.07.2026 to 29.07.2026)

| Sl. No. | Weather Parameters         | Day-1<br>(25.07.2026) | Day-2<br>(26.07.2026) | Day-3<br>(27.07.2026) | Day-4<br>(28.07.2026) | Day-5<br>(29.07.2026) |
|---------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 01      | Rainfall (mm)              | 12.9                  | 14.5                  | 40.2                  | 8.9                   | 36.1                  |
| 02      | Max Temp Trend (deg C)     | 29.6                  | 31.5                  | 29                    | 30.9                  | 30.1                  |
| 03      | Min Temp Trend (deg C)     | 24.8                  | 22.7                  | 25.5                  | 23.8                  | 25.1                  |
| 04      | Total cloud cover (octa)   | 3                     | 6                     | 5                     | 8                     | 6                     |
| 05      | Max. Relative Humidity (%) | 97                    | 88                    | 89                    | 90                    | 95                    |
| 06      | Min. Relative Humidity (%) | 93                    | 90                    | 94                    | 87                    | 92                    |
| 07      | Wind Speed (kmp)           | 0                     | 6                     | 0                     | 0                     | 0                     |

### Weather Forecast Issued by the India Meteorological Department for Dakshina Kannada District for the coming five days – until 0830 hrs of 29.07.2026 to 02.08.2026

| Sl. No | Weather Parameters         | Day-1<br>(29.07.2026) | Day-2<br>(30.07.2026) | Day-3<br>(31.07.2026) | Day-4<br>(01.08.2026) | Day-5<br>(02.08.2026) |
|--------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 1      | Rainfall (mm)              | 24                    | 50                    | 55                    | 50                    | 25                    |
| 2      | Max Temp (°C)              | 30                    | 30                    | 30                    | 30                    | 30                    |
| 3      | Min Temp (°C)              | 25                    | 25                    | 25                    | 25                    | 25                    |
| 4      | Cloud cover (Okta)         | 8                     | 8                     | 8                     | 8                     | 8                     |
| 5      | Max. Relative Humidity (%) | 97                    | 96                    | 95                    | 95                    | 95                    |
| 6      | Min. Relative Humidity (%) | 83                    | 82                    | 82                    | 84                    | 82                    |
| 7      | Wind Speed (Kmph)          | 4                     | 6                     | 6                     | 4                     | 4                     |
| 8      | Wind Direction (°)         | 241                   | 243                   | 253                   | 254                   | 252                   |

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 03.08.2026 to 09.08.2026

### 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, **CHANCE OF MODERATE RAINFALL TO RATHER HEAVY RAINFALL is very likely to be expected for next five days.** The maximum temperature would be around **30.0°C -30.0°C** and minimum temperature would be around **25.0 °C – 25.0°C** to during next five days. The Morning Relative humidity (RH) would vary from **95-97 per cent**, Evening Relative humidity (RH) would vary from **82-84per cent** and wind speed will be in the range of **04-06 km/hr.**

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

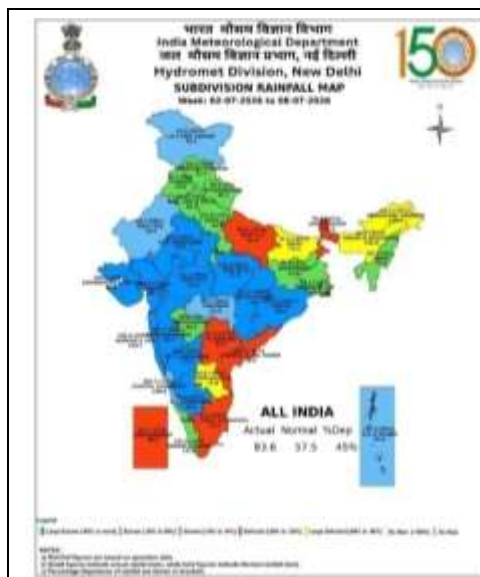
#### Farmers are suggested to download the app using below links

|           | Mausam:                                                                                                                                 | Meghdoot:                                                                                                                                   | Damini:                                                                                                                                                         |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Andriod:  | <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>                                                                   |

### 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 | 1288.4 |
| Rainy days | 105           | 127    | 112    | 107    | 119    | 121  | 112    | 123    | 126    | 152    | 125    | 105    | 142    | 45     |

|                                                                             |                                                                                 |
|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Realised Rainfall<br>(02 <sup>nd</sup> JULY to 08 <sup>TH</sup> JULY, 2026) | Rainfall Forecast Map<br>(10 <sup>TH</sup> JULY to 16 <sup>TH</sup> JULY, 2026) |
|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------|



### Warnings for Costal Karnataka

Date of Issue: July 28, 2026

|                       |                                                                            |
|-----------------------|----------------------------------------------------------------------------|
| Day 1: July 28, 2026  | Heavy Rain<br>Thunderstorm & Lightning, Squall etc<br>Strong Surface Winds |
| Day 2: July 29, 2026  | Heavy Rain<br>Thunderstorm & Lightning, Squall etc<br>Strong Surface Winds |
| Day 3: July 30, 2026  | Heavy Rain<br>Thunderstorm & Lightning, Squall etc<br>Strong Surface Winds |
| Day 4: July 31, 2026  | Heavy Rain<br>Thunderstorm & Lightning, Squall etc<br>Strong Surface Winds |
| Day 5: August 1, 2026 | Heavy Rain<br>Thunderstorm & Lightning, Squall etc<br>Strong Surface Winds |
| Day 6: August 2, 2026 | No warning                                                                 |
| Day 7: August 3, 2026 | No warning                                                                 |

### Weather based Agro advisory for Dakshina Kannada district

#### General Advisory:

Yellow alert has been issued for first 4 days with thunderstorm and lightning

Farmers can make drainages in orchards and paddy fields to avoid water logging

Farmers can make transplantation of paddy in main fields

Farmers can spray of 1% Bordo mixture to arecanut in clear weather conditions

#### Horticultural Crops:

| Crop     | Stage         | Pest/Diseases/Advisory | Operations/ Agromet Advisories                                           |
|----------|---------------|------------------------|--------------------------------------------------------------------------|
| Arecanut | Nut formation | General advise         | As monsoon is progressing farmers can make proper drainage facilities to |

|                     |                           |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|---------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     |                           |                            | drain out excess rainwater from orchards to avoid infestation of Koleroga.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                     |                           | <b>General advise</b>      | If scorching symptoms are observed on the lower leaves, farmers are advised to spray 1% Bordeaux mixture.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Coconut</b>      | <b>Nut formation</b>      | <b>General advise</b>      | Farmers can make drainages in orchards to avoid water logging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                     |                           | <b>General advise</b>      | In coconut orchards, remove the crop residues covering the root zone of the palms. Otherwise, excess moisture accumulation may cause nut drop.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                     |                           | <b>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 (<i>Metarrhizium anisopliae</i>) in manure pits to check the perpetuation of the pest.</li> <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> </ul> <p>Set up one Rhinolure pheromone trap for half hectare area to trap and kill the beetles.</p> |
| <b>Black Pepper</b> | <b>Grand Growth stage</b> | <b>General advise</b>      | Farmers can make drainages in orchards to avoid water logging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                     |                           | <b>Quick wilt</b>          | 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 Oxychloride or 1% Bordeaux mixture.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Jasmine</b>      | <b>Flowering</b>          | <b>General advise</b>      | Farmers can make drainages in orchards to avoid water logging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                     |                           | <b>General advise</b>      | "Farmers are advised to remove the irrigation rings around jasmine plants during the monsoon season. Excess moisture accumulation in these rings may lead to water logging and adversely affect plant health."                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                     |                           | <b>Leaf spot</b>           | In order to manage leaf spot farmers can spray with Hexaconazole @ of 1ml/ltr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Cashew</b>       | <b>Vegetative Growth</b>  | <b>General advise</b>      | Farmers can make drainages in orchards to avoid water logging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                     |                           | <b>Pruning</b>             | Pruning can be done in High density planting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                     |                           | <b>Nutrient Management</b> | <p>For bearing (mature) cashew trees (per tree per year):</p> <ul style="list-style-type: none"> <li>Urea: 1.1 kg</li> <li>Rock Phosphate: 625 g (or an equivalent phosphorus source)</li> <li>Muriate of Potash (MOP): 208 g</li> </ul> <p><i><u>Fertilizer Schedule for Young Cashew Trees</u></i></p> <ul style="list-style-type: none"> <li>1st year: Apply one-third (1/3) of the recommended fertilizer dose.</li> <li>2nd year: Apply two-thirds (2/3) of the recommended fertilizer dose.</li> <li>3rd year onwards: Apply the full recommended dose, equivalent to 500 g Nitrogen (N), 125 g Phosphorus (P<sub>2</sub>O<sub>5</sub>), and 125 g Potassium (K<sub>2</sub>O) per tree per year.</li> </ul>                                                                                                                      |

### **CEREAL CROP:**

|              |                        |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------|------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Paddy</b> | <b>Tillering satge</b> | <b>Direct seed sowing</b> | <ul style="list-style-type: none"> <li>Weed management in wet DSR: Apply pre-emergence herbicides 0-3 days after sowing (Broad spectrum herbicides) like Pendimethalin 38.7CS @3ml/ltr or Metasulfuron Methyl (10%) and Chlorimuron Ethyl (10%) WP @ 8gm/ac or Bensulfuron Methyl (0.6%) and Pertilachlor (6%) GR @ 4kg/ac</li> <li>(Water volume 120lit/ac or 7 to 8 tank of Knapsack sprayer or if sand is used mix the whole solution/ac with 10 kg of Sand</li> </ul> |
|--------------|------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|  |  |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--|--|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |                      | <ul style="list-style-type: none"> <li>Apply early post emergent herbicides within 12 to 18 days after sowing or weeds 2 to 4 leaf stage i.e., Bispyribac Sodium 10% SC@ 0.5ml/ltr or Metasulfuron Methyl (10%) and Chlorimuron Ethyl (10%) WP @ 8gm/ac or Fenoxoprop –ethyl 69+ Ethoxysulfuron 20 ODS @ 1ml/ltr</li> </ul>                                                                                                                                                                                                                                                                                                                                                    |
|  |  | <b>Transplanting</b> | <ul style="list-style-type: none"> <li>Farmers can transplant 18-21 days seedlings manually or using paddy transplanter at the time of planting farmers can apply 24:12:30 kg of NPK/Acre i.e., 50% @ the time of planting, 25% should be given 25-30 days after planting and 25% after 50-55 days after planting. Options are as follows</li> <li>option 1) 40kg of Urea+26.10 kg of DAP+50kg of MOP</li> <li>option 2) 52.5kg of Urea+75 kg of SSP+50kg of MOP</li> <li>Option 3) 60kg of 20:20:0+26.10 kg of Urea+50kg of MOP</li> <li>Option 4) 80kg of 15:15:15+26 kg of Urea+30kg of MOP</li> <li>Weed management is as mentioned above in Direct seed Sowing</li> </ul> |
|  |  | <b>Case Worm</b>     | <ul style="list-style-type: none"> <li>For effective management of case worm, spray <a href="#">Chlorantraniliprole @ 0.5ml/ltr</a> or Chlorpyrifos @ 2ml/ltr or Neem oil 3000ppm @ 3ml/ltrat the recommended dose</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  |  | <b>Leaf Folder</b>   | <ul style="list-style-type: none"> <li>For effective management of Leaf folder, spray <a href="#">Chlorantraniliprole @ 0.5ml/ltr</a> or Chlorpyrifos @ 2ml/ltr or Neem oil 3000ppm @ 3ml/ltrat the recommended dose</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                |

### **Animal Husbandry :**

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cattle</b><br>(General advise) | <ul style="list-style-type: none"> <li>➤ The requirement of fodder can be met by growing Sorghum, Maize (African tall), Cowpea, Napier etc.,</li> <li>➤ Avoid tying animals under tree or in any exposed area during lightning and thunderstorm</li> <li>➤ Vaccinate the animals for Hemorrhagic septicemia (HS) and Black quarter during June months.</li> <li>➤ De worming should be done for all livestock's</li> </ul> <p>Balanced feed should be given for Milch animals to get high milk yield</p> |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### **General Advise :**

|                                         |                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Rain water harvesting structures</b> | <ul style="list-style-type: none"> <li>➤ 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 &amp; farmers can earn extra income by rearing fish.</li> </ul> |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### **FISHERIES:**

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fisherman</b><br>(General advise) | Fisherman's were advised to prepare their needy things which will be usefull for fishing in upcoming days.                                                                                                                                                                                                                                                                                                                                               |
| <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> |

**(This Agro Advisory Information is based on Weather forecast received from MC, Bengaluru & IMD, New Delhi)**

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