

**UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &  
INDIAN METEOROLOGICAL DEPARTMENT**



**GRAMIN KRISHI MAUSAM SEWA  
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MYSURU - 570003**



**Date:18-07-2025**

**AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

**Past Weather Data**

<b>Parameter</b>	<b>15.07.2025</b>	<b>16.07.2025</b>	<b>17.07.2025</b>	<b>18.07.2025</b>
<b>Rainfall (mm)</b>	1	1	0.5	-
<b>Max. Temp. (°C)</b>	24.8	25	24.7	-
<b>Min. Temp. (°C)</b>	19.3	20.6	19.9	-
<b>Sky condition (Octas)</b>	-	-	-	-
<b>Relative humidity (%) 0830 hours</b>	97	97	97	-
<b>Relative humidity (%) 1730 hours</b>	97	93	94	-
<b>Wind Speed (km/h)</b>	-	-	-	-
<b>Wind Direction</b>	-	-	-	-

**Weather forecast for the next five days (From 19-07-2025 to 23-07-2025)**

<b>Parameter</b>	<b>19.07.2025</b>	<b>20.07.2025</b>	<b>21.07.2025</b>	<b>22.07.2025</b>	<b>23.07.2025</b>
<b>Rainfall (mm)</b>	65	60	55	40	35
<b>Max. Temp. (°C)</b>	25	25	25	25	25
<b>Min. Temp. (°C)</b>	20	20	20	20	20
<b>Sky condition (Octas)</b>	7	7	7	7	7
<b>Relative humidity (%) 0830 hours</b>	97	98	99	98	98
<b>Relative humidity (%) 1730 hours</b>	89	92	93	94	90
<b>Wind Speed (kmph)</b>	6	6	6	8	8
<b>Wind Direction</b>	360	266	262	258	258
<b>Weather warning</b>	Extremely heavy rain with Gusty wind	Very heavy rain with Gusty wind	Very heavy rain with Gusty wind	Very heavy rain with Gusty wind	Very heavy rain with Gusty wind

**Forecast Summary**

As forecast received from IMD, cloudy sky with **moderate heavy rainfall** may be expected from 19.07.2025 to 23.07.2025 in Kodagu district. The day temperature is expected to be 25°C & night temperature is expected 20°C. The relative humidity in the morning hours is expected to be 97-98% & afternoon relative humidity is expected to be in the range of 89-94%. Wind speed expected to be 6-8 km/ hr.

**SMS Advisory**

Heavy rain expected next 5 days. Ensure field drainage, delay fertilizer use, stake banana, monitor pests. Keep livestock shelters dry.

### General Advisory

- Very heavy rainfall is expected in the initial days; avoid field operations such as sowing, spraying, or fertilizer application during this period.
- Ensure all fields have proper drainage to prevent waterlogging, especially in paddy, vegetable, and spice crops.
- High humidity levels can promote fungal and bacterial diseases in most crops; apply protective fungicides during dry intervals.
- With sufficient rain forecast, irrigation should be paused; prioritize water conservation through harvesting and storage.
- Support tall and vulnerable crops like banana and pepper with physical props to prevent lodging due to wind and wet soil.
- Harvest mature fruits and vegetables ahead of heavy rain to minimize post-harvest losses and disease.
- Regularly inspect crops for pest and disease symptoms and take appropriate control measures in clear weather.
- Avoid fertilizer application during continuous rainfall; wait for dry, workable soil conditions.
- Keep livestock protected from wet and slippery conditions and ensure clean, safe drinking water is available.
- Strengthen field bunds, terraces, and water harvesting structures to prevent erosion and maximize water use efficiency.

### Recommendations to the farmers:-

Crop	Pest/Disease	Damage symptoms	Control measures
<b>Crops and Suitable Varieties for Sowing in July</b>			
<b>Paddy (Rice)</b> <ul style="list-style-type: none"><li>• <b>General Sowing:</b> MSN-99</li><li>• <b>Late June (3rd-4th week):</b> BR-2655, Jaya</li><li>• <b>Aerobic Paddy:</b> Daksha (KMP-175), Onnasiri (MAS-26), Sharada (MAS-946), Anagha (ARB-6), Rashi</li></ul>			
<b>Ragi (Finger Millet):</b> Indaf-8, MR-1, MR-6, L-5, KMR-301, GPU-45, KMR-316			
<b>Maize (Shaktiman Maize):</b> CSH-5, CSH-9			
<b>Pearl Millet (Musuku Jola):</b> Hema, Nithyashree, MAH-14-5, MAH-14-138, MAH-15-84			
<b>Popcorn:</b> Amber			
<b>Bajra (Pearl Millet):</b> WCC-75, PHVB-910 <ul style="list-style-type: none"><li>• <b>Late June (3rd-4th week):</b> ICTP-8203, SMV-221, MH-946 (GHB-558)</li></ul>			
<b>Foxtail Millet (Navane):</b> PS-4, SIA-326, GPUF-3			
<b>Horsegram (Haraka):</b> RBK-155, GPUK-3			
<b>Little Millet (Same):</b> CO-2, OLM-203, GPUL-6, GPUL-11			
<b>Proso Millet (Oodalu):</b> DHBM-93-3			
<b>Kodo Millet (Korale):</b> GPUBT-2			
<b>Red Gram (Pigeon Pea / Togari):</b> BRG-1, BRG-2, BRG-3, BRG-4, BRG-5, ICP-7035, TTB-7, Hyderabad-3C			
<b>Groundnut (Nelekadale):</b> GKVK-5, KCG-6 (Chintamani-6), GPBD-4, ICGV-91114, JL-24, TMV-2, GKVK-27			
<b>Sunflower:</b> KBSH-41, 90, 44, 53, 78, 85			
<b>Soybean (Soya Avare):</b> MAUS-2 (Pooja), Karune (vegetable soybean), KBS-23			
<b>Cotton:</b> DCS-9 (Jyoti), 48-1 (Jwala) <ul style="list-style-type: none"><li>• <b>Hybrid Varieties:</b> DCH-177, GCH-4, 30.N.23-66</li></ul>			

**Sesame (Hucchellu) - 4th week of June:** KBN-1, No.71, KBN-2, 52: 2.2-62175, 2.2-86032, 2.2.A.2-18061

#### **Horticultural Crops**

- **Vegetables:** Tomato, Potato, Brinjal, Chilli, Cabbage, Radish, Knol-khol, Carrot, Onion
- **Fruits:** Mango, Banana, Lime, Guava, Sweet lime, Sapota, Papaya, Pomegranate, Pineapple, Cashew
- **Spices:** Garlic, Ginger, Turmeric, Cardamom

#### **Fodder Crops**

- **Sorghum (Fodder Maize):** JS-SF-3
- **Cowpea (Fodder):** MF-09-01, MF-08-14, 2-09-03
- **Napier-Bajra Hybrid Grass:** PBN-342

### **Weather-Based Crop Stage Advisory (Kodagu Region)**

<b>Crop</b>	<b>Stage</b>	<b>Advisory</b>
Coffee	Berry formation	High humidity and rainfall may cause berry borer and fungal infections. Ensure good drainage and consider preventive fungicide application on rain-free days. Avoid water stagnation near root zone.
Pepper	Vegetative / Climbing	Train vines properly and provide adequate support. Ensure drainage in pepper gardens. High humidity may favor quick wilt or anthracnose — monitor and take prophylactic measures.
Cardamom	Vegetative	Excess moisture may promote fungal leaf diseases. Avoid water stagnation. Conduct weeding and fertilizer application on non-rainy days. Maintain shade and ventilation.
Paddy	Vegetative / Tillering	Ensure fields are well-drained to avoid waterlogging. Avoid topdressing during heavy rain; do it during clear sky periods. Monitor for stem borer and leaf blast due to humidity.
Vegetables	Flowering / Fruiting	Avoid irrigation; excess water can cause blossom end rot or fruit cracking. Stake tall plants to prevent lodging due to gusty winds. Schedule pesticide/fungicide sprays during dry spells.
Ginger	Vegetative / Rhizome development	Ensure drainage to prevent soft rot or rhizome rot. Provide mulching to retain moisture and reduce splash-borne diseases. Monitor for shoot borer.
Arecanut	Vegetative	Provide drainage in basins. Watch for spindle bug and inflorescence rot. Avoid fertilizer application during heavy rain; apply during dry hours.
Banana	Vegetative / Bunch development	Provide propping to prevent lodging due to wind. Maintain drainage and apply potassium-based fertilizers during dry spells to aid bunch development. Avoid excess irrigation.

<b>Category</b>	<b>Advisory</b>
Livestock	Provide clean and fresh drinking water regularly due to moderate temperatures. Ensure well-ventilated, dry, and shaded shelters to protect animals from humidity and mild rainfall. Monitor animals for signs of respiratory issues due to humid conditions.
Poultry	Keep poultry sheds dry and well-ventilated. Avoid overcrowding to reduce stress and disease risk during humid and rainy days. Provide clean water and balanced feed during cooler morning and evening hours. Maintain hygiene to prevent fungal and bacterial infections.

Block level weather forecast (From 19-07-2025 to 23-07-2025)					
Madikeri					
Parameter	19.07.2025	20.07.2025	21.07.2025	22.07.2025	23.07.2025
Rainfall (mm)	34.4	45.3	38.2	26.5	29.1
Max. temp (°C)	21.6	20.6	20.7	20.7	21.1
Min.Temp (°C)	19.6	19.2	19.1	19.2	19.2
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	96.5	98.4	98.6	98.4	98.4
Relative humidity (%) 1730 hours	86.5	92.8	94.1	94.5	92.1
Wind Speed (kmph)	5.8	5.4	6.2	7.1	7
Wind Direction	360	266.2	263.3	255.2	258.1

Somvarpet					
Parameter	19.07.2025	20.07.2025	21.07.2025	22.07.2025	23.07.2025
Rainfall (mm)	23.9	30.1	28.8	35.6	37.2
Max. temp (°C)	21.9	20.6	20.7	20.7	21.4
Min.Temp (°C)	19.5	19	18.9	19	19.1
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	96.1	97.3	97.7	97.8	97.2
Relative humidity (%) 1730 hours	82.7	90.3	90.9	92.3	87.2
Wind Speed (kmph)	7.6	7.6	7.6	9	9
Wind Direction	278.1	275.4	275.4	360	267.7

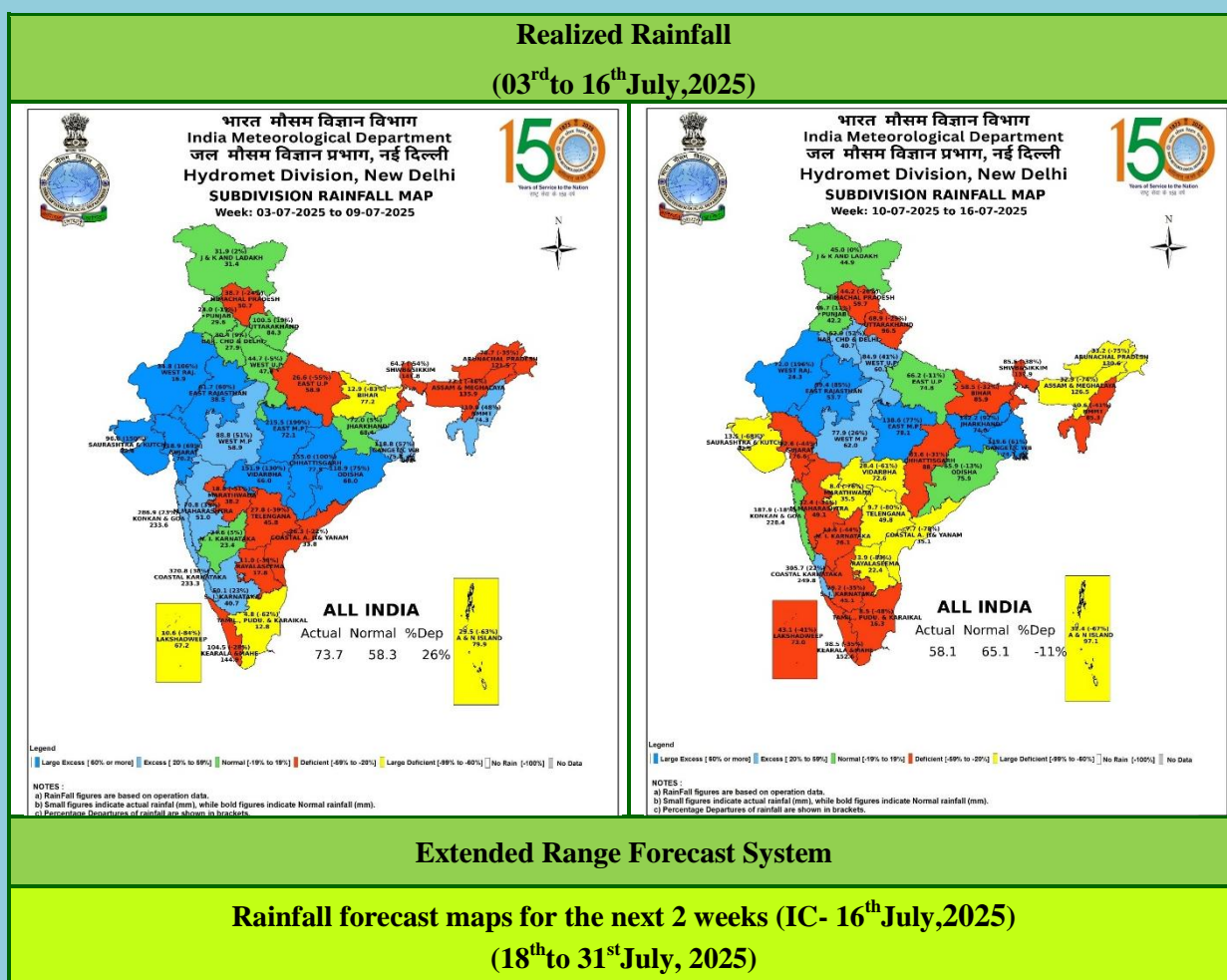
Virajpet					
Parameter	19.07.2025	20.07.2025	21.07.2025	22.07.2025	23.07.2025
Rainfall (mm)	42.3	54.2	44.6	29.6	25.5
Max. temp (°C)	22.7	21.7	21.8	21.8	22.2
Min.Temp (°C)	20.6	20.2	20.2	20.2	20
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	98	99.3	99.2	99	98.8
Relative humidity (%) 1730 hours	91	93.8	94.8	95.6	91.6
Wind Speed (kmph)	4.2	4.5	4.6	5.8	6
Wind Direction	250	241.4	251.6	240.2	245

- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: [mausam.imd.gov.in](http://mausam.imd.gov.in)

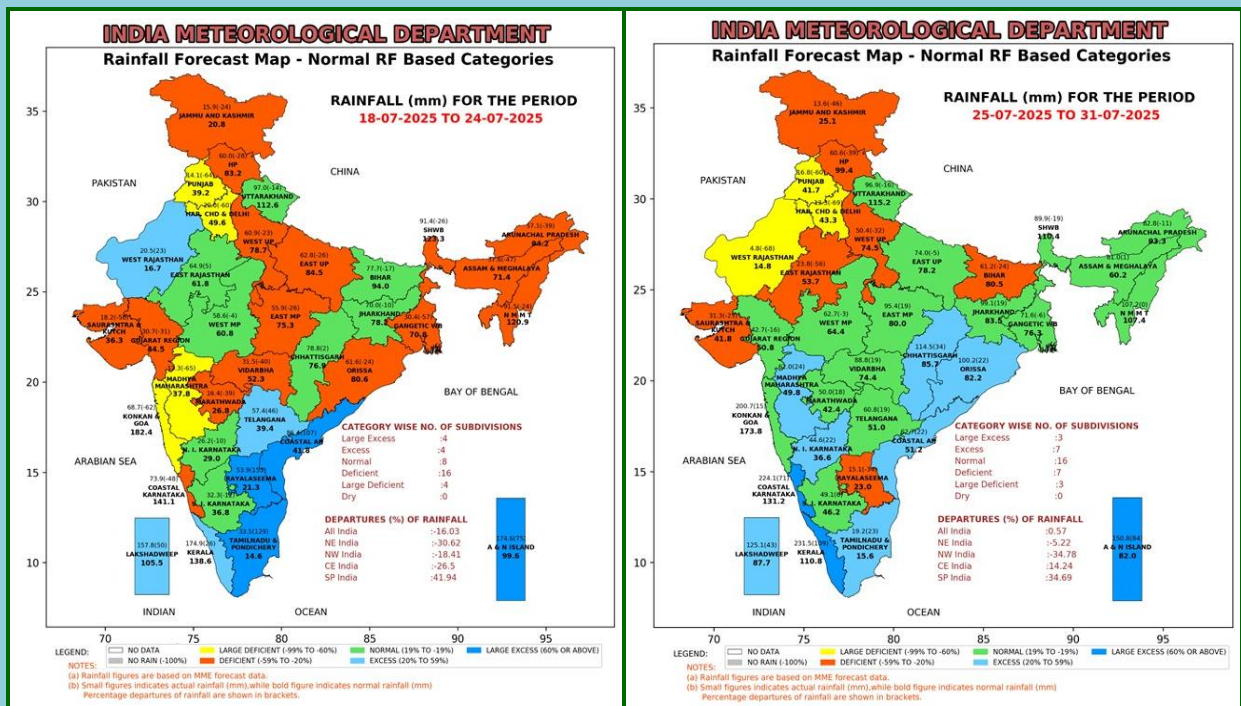
For any information farmers can contact **Dr. C. Ramachandra**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No. 0821-259126/ 9535345814

AMFU of IMD,  
Naganahalli, Mysuru

वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान  
**Realized Rainfall and Extended Range Forecast**  
(वर्षा और तापमान)  
(Rainfall and Temperature)

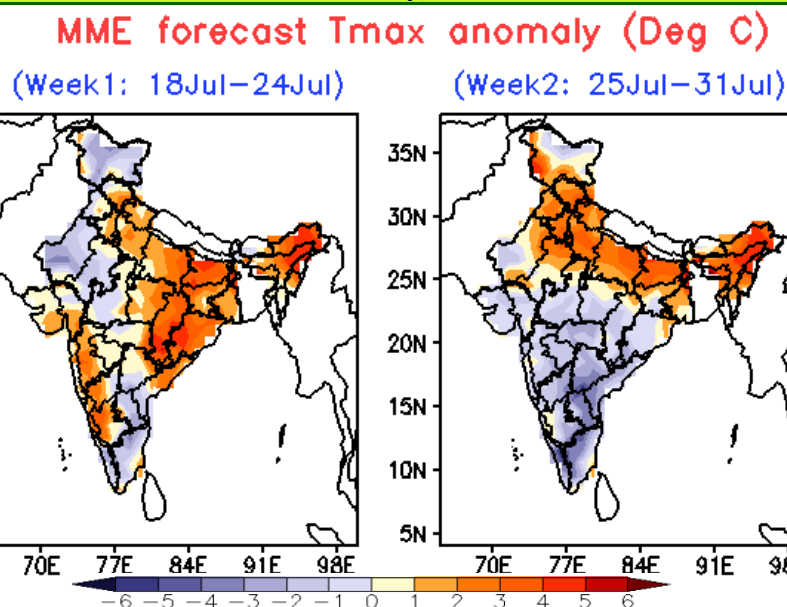






- **Week1(18.07.2025 to 24.07.2025):** Rainfall is likely to be above normal over Kerala, Tamil Nadu, Andhra Pradesh, Telangana and East Rajasthan.
- **Week 2 (25.07.2025 to 31.07.2025):** Rainfall is likely to be above normal over Central India, Odisha, Jharkhand, Maharashtra, Coastal Karnataka, Kerala, Coastal Andhra Pradesh and Telangana.

**Maximum and Minimum temperature anomaly ( $^{\circ}$ C) forecast  
for the next 2 weeks (IC- 16<sup>th</sup> July, 2025)  
(18<sup>th</sup> to 31<sup>st</sup> July, 2025)**



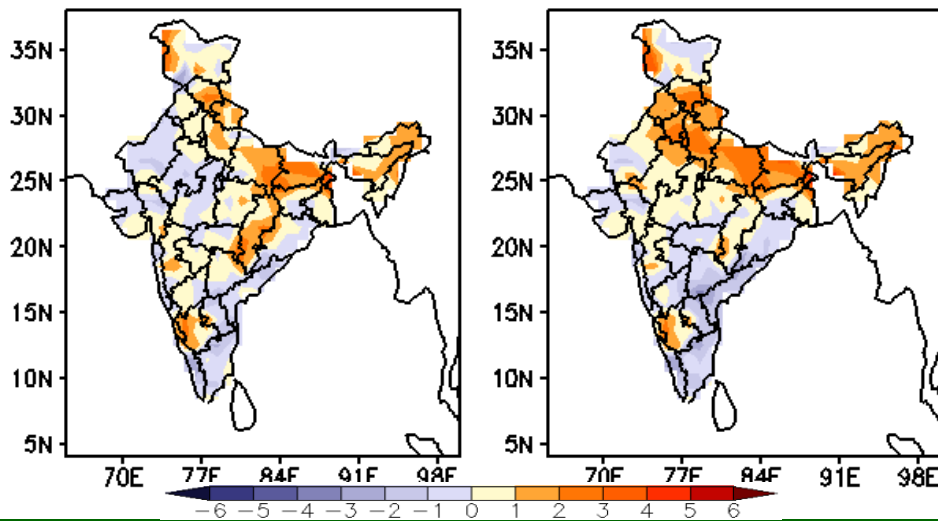
**Maximum Temperature (Tmax)**

- **Week 1 (18.07.2025 to 24.07.2025):** Maximum temperature is likely to be above normal over East and North East India, Chhattisgarh, East Madhya Pradesh, Uttar Pradesh, Haryana, Uttarakhand, Himachal Pradesh, Karnataka, Madhya Maharashtra, parts of Gujarat and Coastal Andhra Pradesh.
- **Week 2 (25.07.2025 to 31.07.2025):** Maximum temperature is likely to be above normal over North East India, Bihar, Gangetic West Bengal and most parts of North West India.

## MME forecast Tmin anomaly (Deg C)

(Week1: 18Jul–24Jul)

(Week2: 25Jul–31Jul)



### Minimum Temperature (Tmin)

- **Week 1 (18.07.2025 to 24.07.2025):** Minimum temperature is likely to be above normal over Chhattisgarh, many parts of North West India, East Madhya Pradesh, North East India, Bihar, Madhya Maharashtra and Karnataka.
- **Week 2 (25.07.2025 to 31.07.2025):** Minimum temperature is likely to be above normal over many parts of North West India, Central India, North East India, Madhya Maharashtra, Bihar, Gangetic West Bengal and Karnataka.