

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



**GRAMIN KRISHI MAUSAM SEWA
AMFU, OFRS, NAGANAHALLI,
MYSURU - 570003**



Date:11-07-2025

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	08.07.2025	09.07.2025	10.07.2025	11.07.2025
Rainfall (mm)	2	0	0	0
Max. Temp. (°C)	25.6	23.7	27.5	27.5
Min. Temp. (°C)	20	19.7	20.2	20.3
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	97	100	97	97
Relative humidity (%) 1730 hours	89	77	85	78
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 12-07-2025 to 16-07-2025)

Parameter	12.07.2025	13.07.2025	14.07.2025	15.07.2025	16.07.2025
Rainfall (mm)	8	10	15	16	25
Max. Temp. (°C)	27	28	28	27	28
Min. Temp. (°C)	20	20	20	21	21
Sky condition (Octas)	6	6	7	7	7
Relative humidity (%) 0830 hours	97	97	97	97	98
Relative humidity (%) 1730 hours	77	76	80	84	84
Wind Speed (kmph)	6	8	6	8	6
Wind Direction	263	263	255	254	255
Weather warning	Heavy rain with gusty wind	Gusty wind	Gusty wind	-	-

* GW/R+++ - Gusty wind with extremely heavy rainfall, GW/R+ - Gusty wind with heavy rainfall, TSH - Thunderstorm

Forecast Summary

As forecast received from IMD, cloudy sky with **heavy rainfall** may be expected from **12.07.2025 to 16.07.2025** in Kodagu district. The day temperature is expected to be 27-28°C & night temperature is expected 20-21°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 76-84%. 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
Crops and Suitable Varieties for Sowing in July			
Paddy (Rice)			
<ul style="list-style-type: none"> • General Sowing: MSN-99 • Late June (3rd-4th week): BR-2655, Jaya • Aerobic Paddy: Daksha (KMP-175), Onnasiri (MAS-26), Sharada (MAS-946), Anagha (ARB-6), Rashi 			
Ragi (Finger Millet): Indaf-8, MR-1, MR-6, L-5, KMR-301, GPU-45, KMR-316			
Maize (Shaktiman Maize): CSH-5, CSH-9			
Pearl Millet (Musuku Jola): Hema, Nithyashree, MAH-14-5, MAH-14-138, MAH-15-84			
Popcorn: Amber			
Bajra (Pearl Millet): WCC-75, PHVB-910			
<ul style="list-style-type: none"> • Late June (3rd-4th week): ICTP-8203, SMV-221, MH-946 (GHB-558) 			
Foxtail Millet (Navane): PS-4, SIA-326, GPUF-3			
Horsegram (Haraka): RBK-155, GPUK-3			
Little Millet (Same): CO-2, OLM-203, GPUL-6, GPUL-11			
Proso Millet (Oodalu): DHBM-93-3			
Kodo Millet (Korale): GPUBT-2			
Red Gram (Pigeon Pea / Togari): BRG-1, BRG-2, BRG-3, BRG-4, BRG-5, ICP-7035, TTB-7, Hyderabad-3C			
Groundnut (Nelekadale): GKVK-5, KCG-6 (Chintamani-6), GPBD-4, ICGV-91114, JL-24, TMV-2, GKVK-27			
Sunflower: KBSH-41, 90, 44, 53, 78, 85			
Soybean (Soya Avare): MAUS-2 (Pooja), Karune (vegetable soybean), KBS-23			
Cotton: DCS-9 (Jyoti), 48-1 (Jwala)			
<ul style="list-style-type: none"> • Hybrid Varieties: DCH-177, GCH-4, 30.N.23-66 			

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)

Crop	Stage	Advisory
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.

Category	Advisory
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 12-07-2025 to 16-07-2025)					
Madikeri					
Parameter	12.07.2025	13.07.2025	14.07.2025	15.07.2025	16.07.2025
Rainfall (mm)	7.1	5.6	10	12.2	22.6
Max. temp (°C)	23.8	23.2	23.1	21.9	21.5
Min.Temp (°C)	19.5	19.7	19.6	19.4	19.2
Sky condition (Octas)	7	7	8	8	8
Relative humidity (%) 0830 hours	97.1	96.3	96.1	97.4	98.2
Relative humidity (%) 1730 hours	78.1	79.3	78.4	85.6	86.1
Wind Speed (kmph)	4.8	5.9	6.6	7.4	6.5
Wind Direction	257	259.4	257.5	256	250.6

Somvarpet					
Parameter	12.07.2025	13.07.2025	14.07.2025	15.07.2025	16.07.2025
Rainfall (mm)	6.8	6.4	9.6	14.9	23.5
Max. temp (°C)	23.9	23.4	22.9	22.1	21.9
Min.Temp (°C)	19.2	19.5	19.2	19.2	19
Sky condition (Octas)	7	8	8	8	8
Relative humidity (%) 0830 hours	96.3	95	94.8	96.3	97.1
Relative humidity (%) 1730 hours	75.2	75.8	75.5	81	81.3
Wind Speed (kmph)	5.8	7.2	8.6	8.6	7.6
Wind Direction	360	267.1	272.4	360	264.6

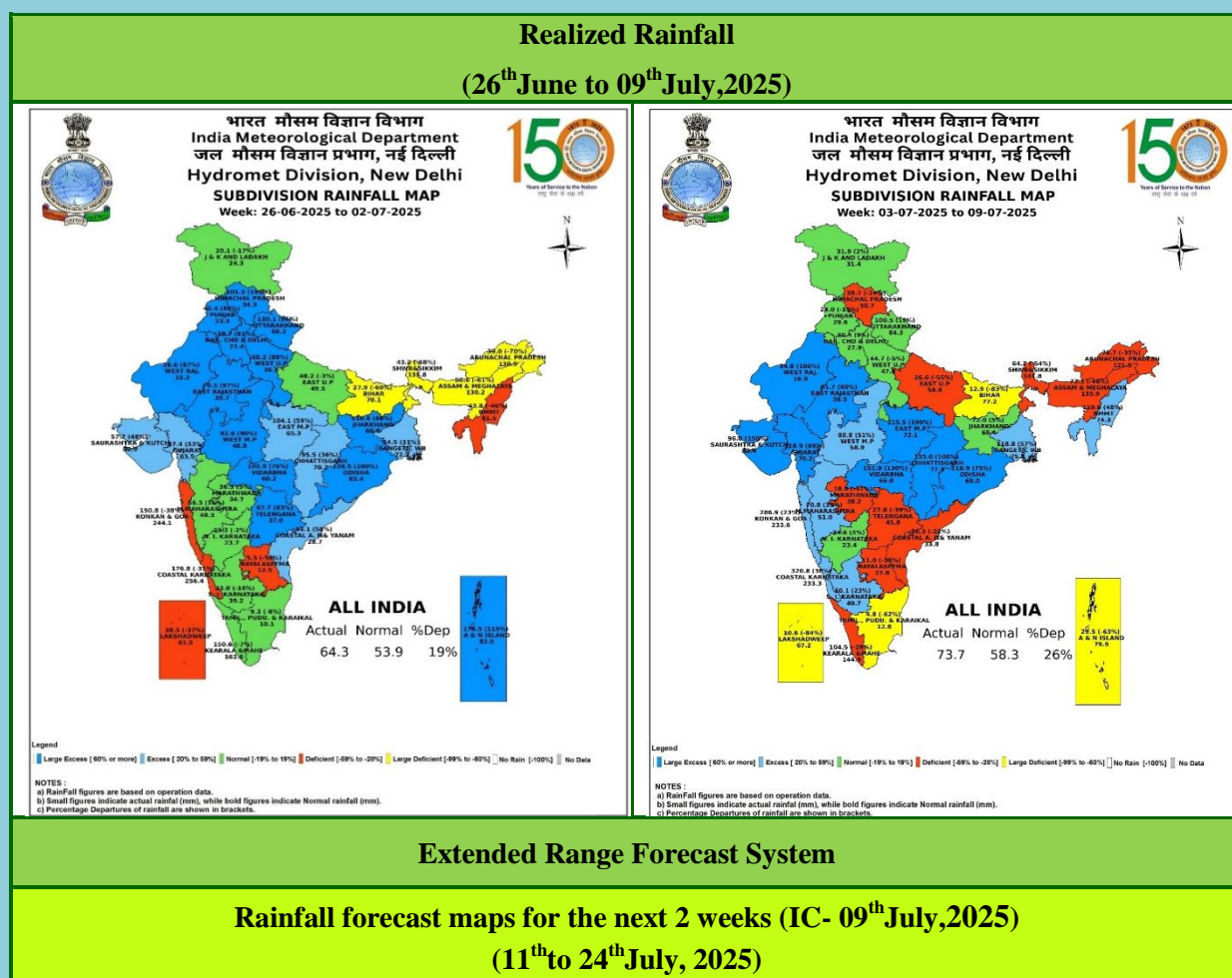
Virajpet					
Parameter	12.07.2025	13.07.2025	14.07.2025	15.07.2025	16.07.2025
Rainfall (mm)	7.5	6.3	10.5	14.5	21.2
Max. temp (°C)	25.1	24.8	24.2	23.1	22.8
Min.Temp (°C)	20.6	20.7	20.6	20.5	20.2
Sky condition (Octas)	7	7	8	8	8
Relative humidity (%) 0830 hours	98.5	98	97.9	97.2	98.4
Relative humidity (%) 1730 hours	78.2	78.2	80.8	87.3	87.4
Wind Speed (kmph)	3.2	4.5	5.2	5.5	5.2
Wind Direction	243.4	241.4	245.2	246.8	236.3

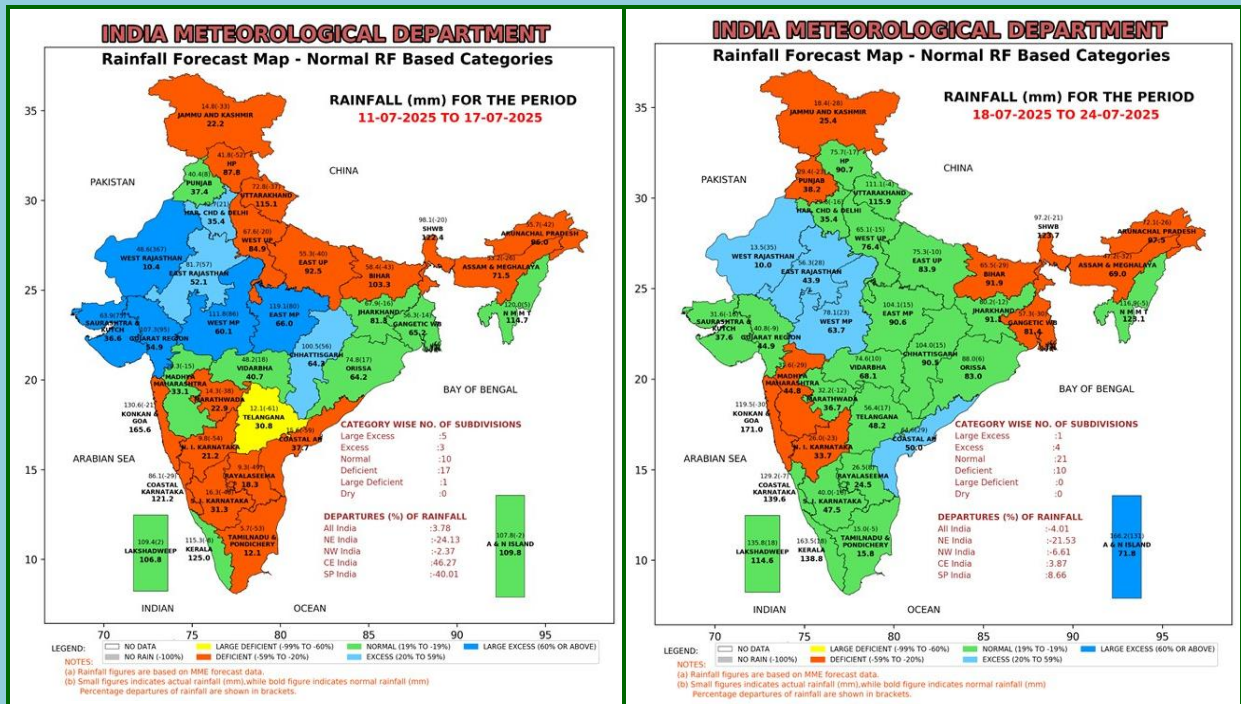
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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)





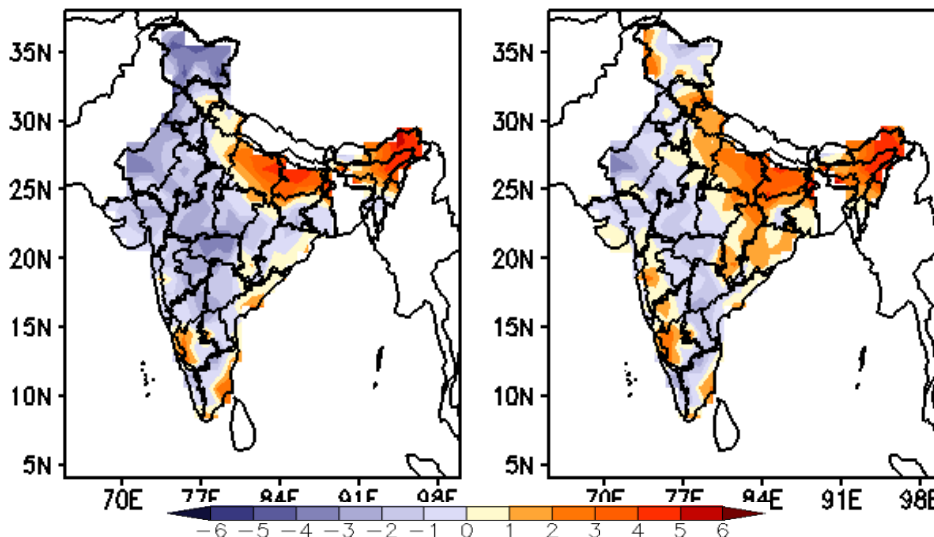
- Week1(11.07.2025 to 17.07.2025):** Rainfall is likely to be above normal over Central India, Gujarat, Rajasthan, Punjab, Haryana and Odisha.
- Week 2 (18.07.2025 to 24.07.2025):** Rainfall is likely to be above normal over Central India, East Rajasthan, Odisha, Coastal Andhra Pradesh and Kerala.

**Maximum and Minimum temperature anomaly ($^{\circ}$ C) forecast
for the next 2 weeks (IC- 09th July, 2025)
(11th to 24th July, 2025)**

MME forecast Tmax anomaly (Deg C)

(Week1: 11Jul-17Jul)

(Week2: 18Jul-24Jul)



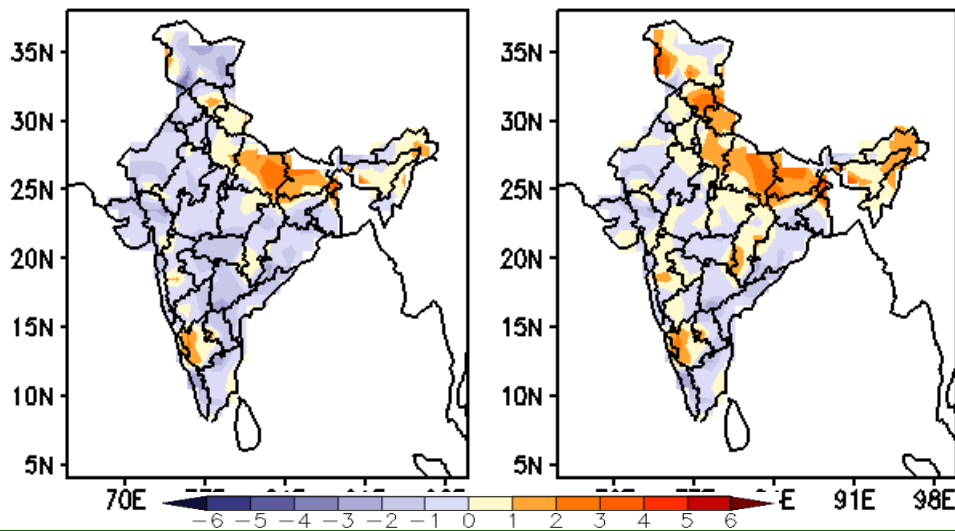
Maximum Temperature (Tmax)

- Week 1 (11.07.2025 to 17.07.2025):** Maximum temperature is likely to be above normal over Bihar, East Uttar Pradesh, many parts of North East India, some parts in South Karnataka and coastal regions of Tamil Nadu and Coastal Andhra Pradesh.
- Week 2 (18.07.2025 to 24.07.2025):** Maximum temperature is likely to be above normal over East India, North East India, Himachal Pradesh, Uttarakhand, Uttar Pradesh, Chhattisgarh, Karnataka, Madhya Maharashtra and coastal regions of Tamil Nadu.

MME forecast Tmin anomaly (Deg C)

(Week1: 11Jul–17Jul)

(Week2: 18Jul–24Jul)



Minimum Temperature (Tmin)

- **Week 1 (11.07.2025 to 17.07.2025):** Minimum temperature is likely to be below normal over most parts of the country except East Uttar Pradesh, Bihar and South Karnataka.
- **Week 2 (18.07.2025 to 24.07.2025):** Minimum temperature is likely to be above normal over North East India, Himachal Pradesh, Uttarakhand, Uttar Pradesh, Bihar, Chhattisgarh and South Karnataka.