

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



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



Date:27-05-2025

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	24.05.2025	25.05.2025	26.05.2025	27.05.2025
Rainfall (mm)	2	3	76.6	139.4
Max. Temp. (°C)	25	24	28.5	28.5
Min. Temp. (°C)	20.7	21	23	23
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	97	98	97	97
Relative humidity (%) 1730 hours	97	97	-	-
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 28-05-2025 to 01-06-2025)

Parameter	28.05.2025	29.05.2025	30.05.2025	31.05.2025	01.06.2025
Rainfall (mm)	80	70	65	80	70
Max. Temp. (°C)	29	28	28	28	28
Min. Temp. (°C)	23	23	22	22	22
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	98	97	98	98	99
Relative humidity (%) 1730 hours	95	95	93	97	97
Wind Speed (kmph)	16	14	16	14	16
Wind Direction	256	259	258	249	251

Forecast Summary

As forecast received from IMD, cloudy sky with **heavy rainfall** may be expected from **28.05.2025 to 01.06.2025** in Kodagu district. The day temperature is expected to be 28-29°C & night temperature is expected 22-23°C. The relative humidity in the morning hours is expected to be 97-99% & afternoon relative humidity is expected to be in the range of 93-97%. Wind speed expected to be 14-16 km/ hr.

SMS Advisory

Monsoon may weaken as the depression over West Bengal coast subsides in 3–4 days. Dry and sunny weather expected across the state in the first week of June.

General Advisory

- **Heavy rainfall is expected daily;** ensure **good drainage** in all fields and around farm infrastructure to prevent waterlogging and crop damage.
- **Cloudy sky with very high humidity** is likely to promote **fungal and bacterial diseases** in crops like coffee, pepper, and paddy – **monitor regularly** and take **preventive plant protection measures**.
- **Postpone fertilizer and pesticide application** during continuous rainfall; apply only during **intermittent dry spells** to ensure effectiveness and avoid nutrient leaching.
- **Ensure proper staking/support** to crops like banana and pepper vines to prevent lodging due to **strong winds and wet soil**.
- High humidity may lead to **blossom drop and poor pollination** in some crops; consider using **plant growth regulators** where suitable.
- **Prune diseased and overgrown parts** of plantation crops (coffee, pepper) to improve **aeration** and reduce disease pressure.
- **Harvesting should be avoided during rainy spells;** if unavoidable, dry harvested produce under shelter to avoid fungal contamination.
- In **livestock and poultry**, ensure **dry bedding, proper ventilation, and clean drinking water** to prevent infections.
- **Keep bee boxes** under covered, raised, and well-drained areas to protect from rain and ensure **honeybee activity**.
- Watch for **slug/snail infestations** due to excessive moisture – use **lime, ash, or recommended baits** as control.
- **Avoid field operations with machinery** during high rainfall periods to prevent soil compaction and damage to crops.

Recommendations to the farmers:-

Crop	Pest/Disease	Damage symptoms	Control measures
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Crops and Suitable Varieties for Sowing in May

Crop Type	Crop Name	Recommended Varieties
Millets & Cereals	Ragi	Indaf-9, GPU-45, 23.2.0350-48
	Maize (Shaktiman Maize)	CSV-4, CSH-5, CSH-9
	Sweet Corn	Hema, Nityashree, MAH-14-5, MAH-14-138
	Pop Corn	Amba
	Foxtail Millet (Navane)	SIA-326
	Barnyard Millet (Haraka)	RBK-155, GPUK-3
	Little Millet (Same)	CO-2, OLM-203
	Proso Millet (Baragu)	GPUP-8, GPUP-21
	Kodo Millet (Oodalu)	DHB M-93-3
	Browntop Millet (Korale)	GPUBT-2
Pulses	Red Gram	BRG-1, 2, 3, 4, 5, ICP-7035, TTB-7, Hyderabad-3C
	Green Gram	PS-16, Pusa Baisakhi, PDM-84-178, ..30-3
	Black Gram	Karagaon-3, T-9, Rashmi (LBG-625), LBG-791 (Suraksha)
	Cowpea	TVX-944-02I, KBC-1, KBC-2, KM-9, KM-5, KC-8 (KBC-11), PGCP-6
Oilseeds	Groundnut	GKVK-5, KCG-6 (Chintamani-6), GPBD-4, ICGV-91114,

		JL-24, TMV-2, GKVK-27
	Soybean (Irrigated)	MAUS-2 (Pooja), Karune (vegetable type), KBS-23
	Sesame	GT-1, Navile-1 (Tunga), TMV-3, T-7, GKVK S-1
Horticultural	Fruits & Vegetables	Banana, Arecanut, Chilli, Turmeric, Potato, Ginger
Fodder Crops	Fodder Sorghum	JESET-3
	Cowpea (Fodder)	MFC-09-01, MFC -08-14, MFC -09-03
	Bajra-Napier Grass	PBN-342

Weather-Based Crop Stage Advisory (Kodagu Region)

Crop	Stage	Advisory
Coffee	Vegetative / Early Reproductive	Ensure good drainage; remove diseased parts; monitor for fungal diseases like leaf rust.
Pepper	Vegetative / Climbing	Provide strong support for vines; prevent lodging; monitor for fungal infections due to humidity.
Cardamom	Vegetative	Maintain field sanitation; watch for collar rot and leaf spot; apply fungicides if necessary.
Paddy	Vegetative / Tillering	Manage water levels carefully to avoid stagnation; monitor pests like stem borer and leaf folder.
Vegetables	Flowering / Fruiting	Monitor for fungal and bacterial diseases; avoid harvesting during heavy rainfall; maintain hygiene.
Ginger	Vegetative / Rhizome development	Ensure proper drainage; protect from waterlogging; watch for soft rot and bacterial wilt.
Arecanut	Vegetative	Maintain good drainage; monitor for bud rot and root diseases; avoid waterlogging.
Banana	Vegetative / Bunch development	Provide support to avoid lodging; protect from fungal diseases favored by humidity; manage nutrition carefully.

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 28-05-2025 to 01-06-2025)

Madikeri

Parameter	28.05.2025	29.05.2025	30.05.2025	31.05.2025	01.06.2025
Rainfall (mm)	41.2	48	76.7	40.3	8.3
Max. temp (°C)	21.1	21.6	21	20.1	22.9
Min.Temp (°C)	19.7	19.4	19.2	18.8	19.4

Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	98.8	98.9	99.3	99	97.2
Relative humidity (%) 1730 hours	96.7	96.1	98.2	93.3	81.8
Wind Speed (kmph)	10.2	11.1	10.6	8.1	9.8
Wind Direction	251.6	256.9	260.2	257.2	263.7

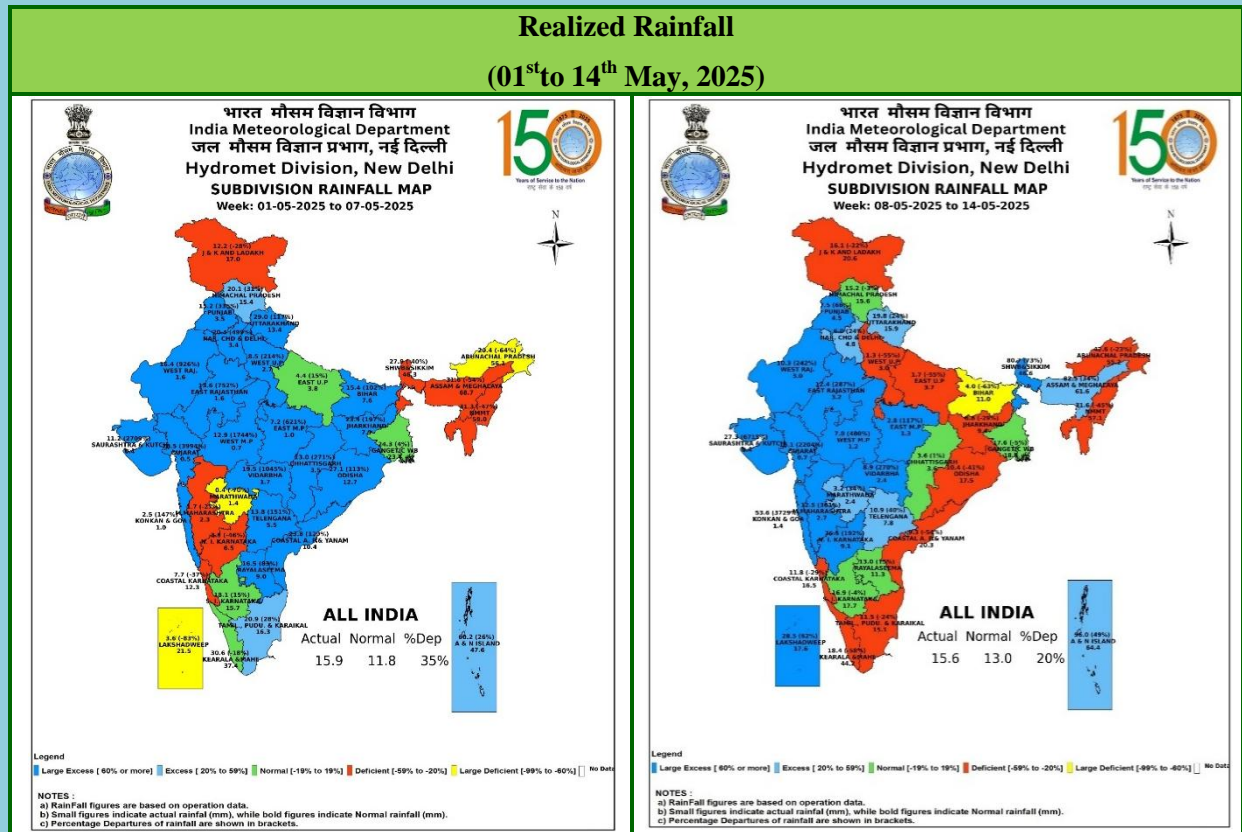
Somvarpet					
Parameter	28.05.2025	29.05.2025	30.05.2025	31.05.2025	01.06.2025
Rainfall (mm)	56.1	64.4	66.8	21.8	7.1
Max. temp (°C)	21	21.2	20.7	20	21.2
Min.Temp (°C)	19.6	19.2	19	18.8	19.4
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	97.7	97.9	98.8	98.5	94.6
Relative humidity (%) 1730 hours	93.6	92.8	94.8	91.4	84.2
Wind Speed (kmph)	11.2	13.7	11.5	11.3	14.4
Wind Direction	0	274.5	273.6	279.2	272.9

Virajpet					
Parameter	28.05.2025	29.05.2025	30.05.2025	31.05.2025	01.06.2025
Rainfall (mm)	40.6	43	75.7	61.6	8.5
Max. temp (°C)	22.2	22.7	22	21.2	24.2
Min.Temp (°C)	20.6	20.2	20.4	19.9	20.2
Sky condition (Octas)	7	8	8	8	8
Relative humidity (%) 0830 hours	98.8	99.4	99.4	99.3	95.5
Relative humidity (%) 1730 hours	96	94.2	96.9	96.2	81.5
Wind Speed (kmph)	10.8	11.2	9.2	7.8	6.8
Wind Direction	244.3	255.1	249.4	248.2	244.8

- 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.**

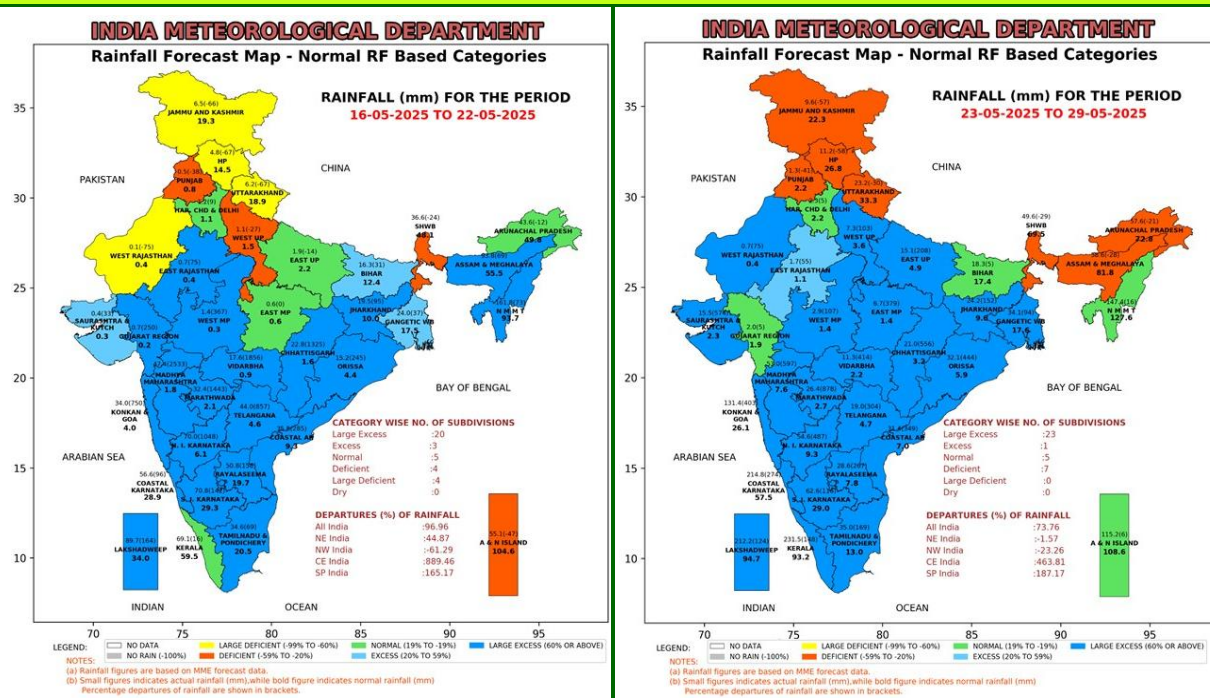
वास्तविकवर्षातथाविस्तारितअवधिपूर्वानुमान
Realized Rainfall and Extended Range Forecast
(वर्षाऔरतापमान)
(Rainfall and Temperature)



Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 14th May,2025)

(16th to 29th May, 2025)



- **Week1(16.05.2025 to 22.05.2025):**Rainfall is likely to be above normal over South India, Maharashtra, Odisha and many parts of North East India.
- **Week 2 (23.05.2025 to 29.05.2025):**Rainfall is likely to be above normal over South India, Maharashtra, many parts of East India, Nagaland Manipur Mizoram & Tripura, Chhattisgarh and East Uttar Pradesh.

Maximum and Minimum temperature anomaly (°C) forecast

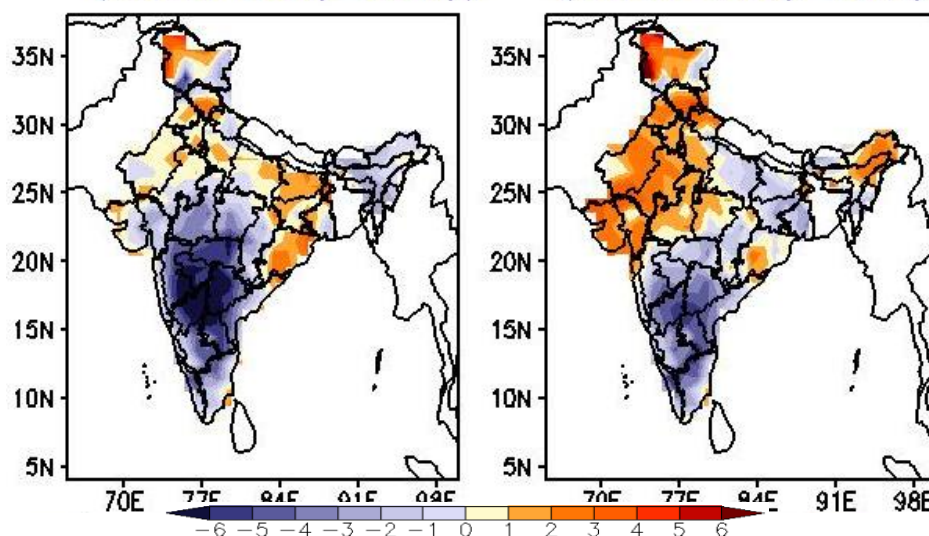
for the next 2 weeks (IC- 14th May,2025)

(16th to 29th May, 2025)

MME forecast Tmax anomaly (Deg C)

(Week1: 16May–22May)

(Week2: 23May–29May)



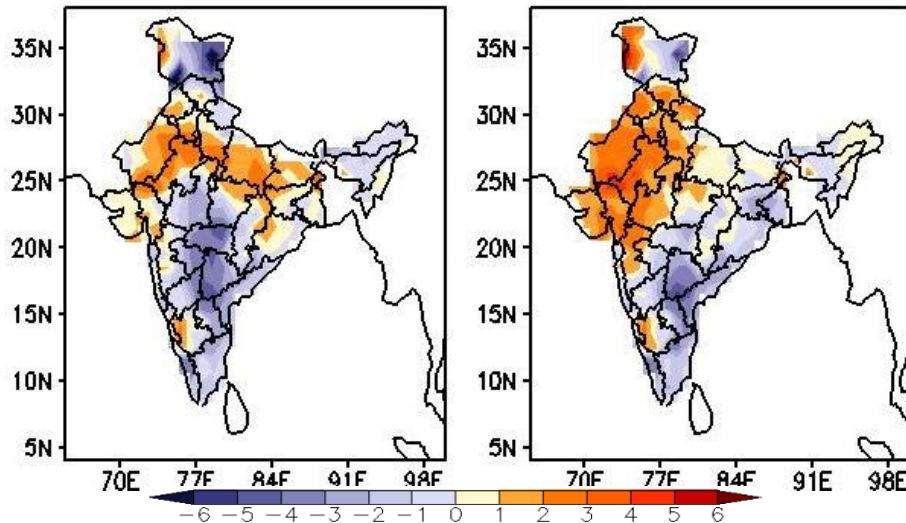
many parts of North West India and East India and below normal over remaining parts of the country.

- **Week 2 (23.05.2025 to 29.05.2025):** Maximum temperature is likely to be above normal over North West India, Gujarat, Madhya Pradesh, some parts of Odisha, Assam and Arunachal Pradesh and below normal over remaining parts of the country.

MME forecast Tmin anomaly (Deg C)

(Week1: 16May–22May)

(Week2: 23May–29May)



Minimum Temperature (Tmin)

- **Week 1 (16.05.2025 to 22.05.2025):** Minimum temperature is likely to be above normal over many parts of North West India, East India and some parts of Karnataka and below normal over remaining parts of the country.
- **Week 2 (23.05.2025 to 29.05.2025):** Minimum temperature is likely to be above normal over many parts of North West India, Gujarat, Madhya Maharashtra and some parts of Karnataka and below normal over remaining parts of the country.