

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



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



Date:29-07-2025

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	26.07.2025	27.07.2025	28.07.2025	29.07.2025
Rainfall (mm)	-	-	-	-
Max. Temp. (°C)	-	-	-	-
Min. Temp. (°C)	-	-	-	-
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	-	-	-	-
Relative humidity (%) 1730 hours	-	-	-	-
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 30-07-2025 to 03-08-2025)

Parameter	30.07.2025	31.07.2025	01.08.2025	02.08.2025	03.08.2025
Rainfall (mm)	10	12	10	10	14
Max. Temp. (°C)	26	25	26	25	26
Min. Temp. (°C)	19	19	20	20	20
Sky condition (Octas)	5	5	5	5	6
Relative humidity (%) 0830 hours	92	91	90	92	91
Relative humidity (%) 1730 hours	82	82	83	80	73
Wind Speed (kmph)	8	8	6	8	6
Wind Direction	274	360	263	360	292

Forecast Summary

As forecast received from IMD, cloudy sky with **moderate rainfall** may be expected from 30.07.2025 to 03.08.2025 in Kodagu district. The day temperature is expected to be 25-26°C & night temperature is expected 19-20°C. The relative humidity in the morning hours is expected to be 90-92% & afternoon relative humidity is expected to be in the range of 73-83%. Wind speed expected to be 6-8 km/ hr.

SMS Advisory

Heavy rain and gusty winds are expected; farmers are advised to ensure proper drainage in all crops, support banana and pepper plants, protect vegetables from fruit rot and blight, and schedule fertilizer and pesticide applications during dry intervals.

General Advisory
• Heavy to very heavy rainfall with gusty winds may increase disease and lodging risks—plan field activities accordingly. • Avoid pesticide/fertilizer application during rainfall; use rain-free windows. • Ensure field sanitation and monitoring for pest/disease outbreaks post-rain.

Recommendations to the farmers:-			
Crop	Pest/Disease	Damage symptoms	Control measures
Crops and Suitable Varieties for Sowing in July			
Paddy (Rice)			
- 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			
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)			
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	Ensure drainage to prevent berry drop and root rot; monitor for fungal diseases due to high humidity; avoid foliar sprays during heavy rain.
Pepper	Vegetative / Climbing	Provide staking/support to vines; ensure good drainage; monitor for fungal leaf spots; delay fertilizer application during intense rain periods.
Cardamom	Vegetative	Improve shade and drainage; avoid water stagnation; prevent fungal diseases with prophylactic sprays during dry intervals.
Paddy	Vegetative / Tillering	Maintain water level (2–3 cm); ensure drainage during heavy rain; apply top dressing fertilizer in rain-free intervals; monitor for pest/disease buildup.
Vegetables	Flowering / Fruiting	Protect from fruit rot and blight with fungicide sprays during dry spells; harvest mature fruits before heavy rainfall; avoid excess irrigation.
Ginger	Vegetative / Rhizome development	Ensure raised beds are not waterlogged; apply fungicides to prevent rhizome rot; provide shade if wind damage risk is high.
Arecanut	Vegetative	Provide support to young palms; avoid basin flooding; spray preventive fungicides if leaf spot appears; clean fallen fronds regularly.
Banana	Vegetative / Bunch development	Provide strong propping to prevent lodging; maintain drainage; apply potash-rich fertilizer after heavy rains to support bunch development.

Sector	Advisory
Livestock	- Provide clean, dry shelter to protect from rain and wind. - Maintain hygiene to prevent hoof and skin infections. - Ensure adequate clean water and balanced nutrition.
Poultry	- Keep sheds well-ventilated but protected from rain and gusty winds. - Maintain dry litter to avoid disease. - Provide vitamin supplements to boost immunity.

Block level weather forecast (From 30-07-2025 to 03-08-2025)					
Madikeri					
Parameter	30.07.2025	31.07.2025	01.08.2025	02.08.2025	03.08.2025
Rainfall (mm)	8.4	8	6.6	6	4.2
Max. temp (°C)	22.2	22.5	22.7	23.4	24.6
Min.Temp (°C)	19.2	19.2	19.2	19.2	19.4
Sky condition (Octas)	7	8	8	7	8
Relative humidity (%) 0830 hours	95.1	96.9	97.7	98.2	96.9
Relative humidity (%) 1730 hours	84.8	80.8	82.9	81.5	74.7
Wind Speed (kmph)	10.1	9	6.9	5.4	5.3
Wind Direction	274.1	360	264	360	298.3

Somvarpet					
Parameter	30.07.2025	31.07.2025	01.08.2025	02.08.2025	03.08.2025
Rainfall (mm)	11.8	14.4	9	6.9	4.4
Max. temp (°C)	21.4	21.8	22.2	22.8	24.5
Min.Temp (°C)	19.1	19.1	19.1	19.1	19.1
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	94.4	96.1	97.1	97.3	96.3
Relative humidity (%) 1730 hours	84.9	81.4	84	80.6	71.8
Wind Speed (kmph)	13.5	12.3	8.6	6.5	5.9
Wind Direction	279.2	275	272.4	276.3	284

Virajpet					
Parameter	30.07.2025	31.07.2025	01.08.2025	02.08.2025	03.08.2025
Rainfall (mm)	7.7	7.8	7.3	5.1	3.9
Max. temp (°C)	24.5	24.4	24.2	25.1	25.8
Min.Temp (°C)	20.5	20.4	20.2	20.2	20.2
Sky condition (Octas)	6	7	7	7	7
Relative humidity (%) 0830 hours	96	97.1	97.9	98.6	97.6
Relative humidity (%) 1730 hours	77.8	80.5	81.8	78.3	72.7
Wind Speed (kmph)	7.6	6.6	4.6	2.7	3.2
Wind Direction	264.6	257.5	251.6	246.8	296.6

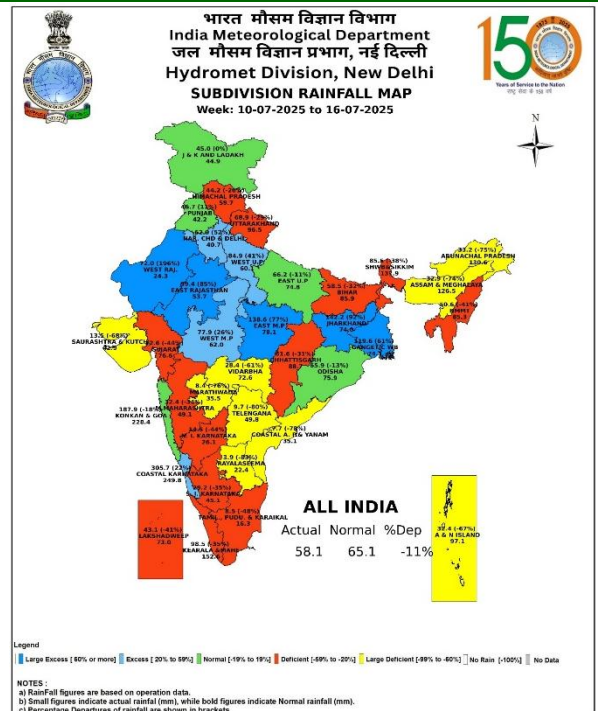
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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

AMFU of IMD,
Naganahalli, Mysuru

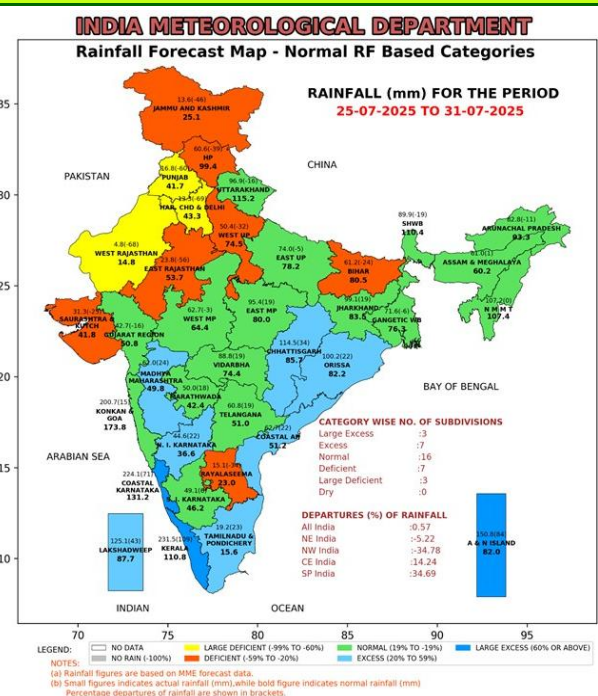
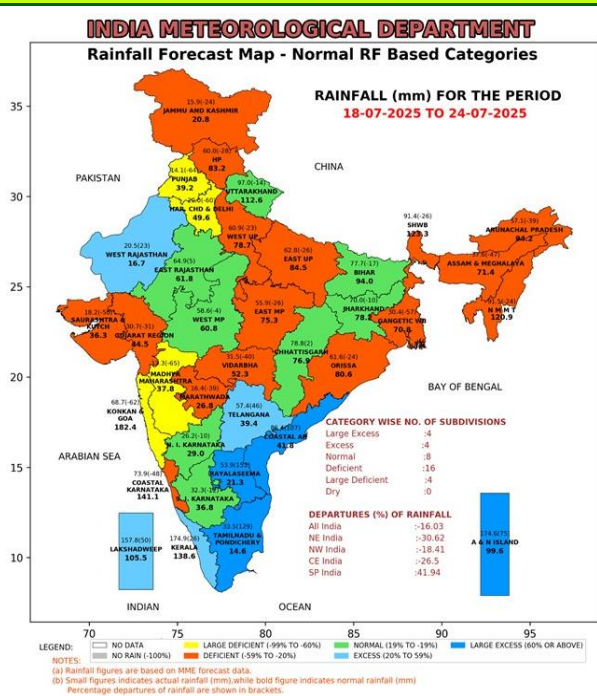
Realized Rainfall and Extended Range Forecast (वर्षा और तापमान) (Rainfall and Temperature)

Realized Rainfall (03rd to 16th July, 2025)



Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 16th July, 2025) (18th to 31st July, 2025)



- **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

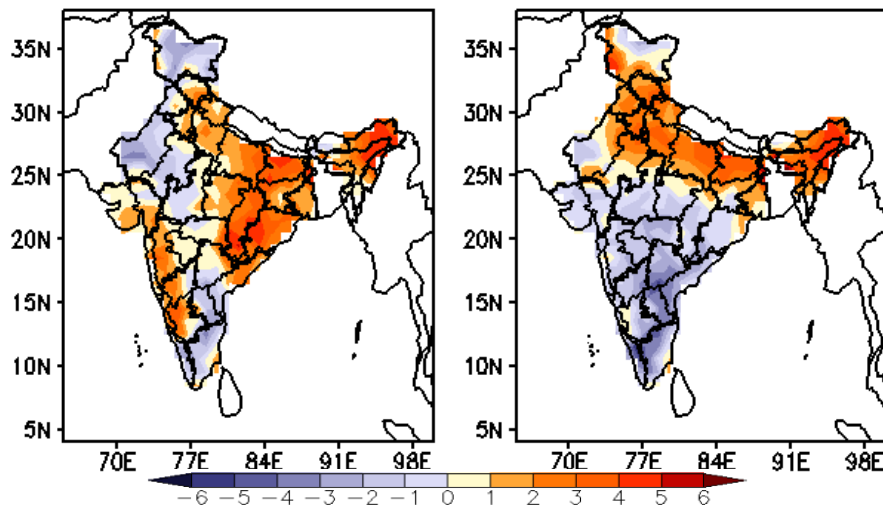
India, Odisha, Jharkhand, Maharashtra, Coastal Karnataka, Kerala, Coastal Andhra Pradesh and Telangana.

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

MME forecast Tmax anomaly ($^{\circ}\text{C}$)

(Week1: 18Jul–24Jul)

(Week2: 25Jul–31Jul)



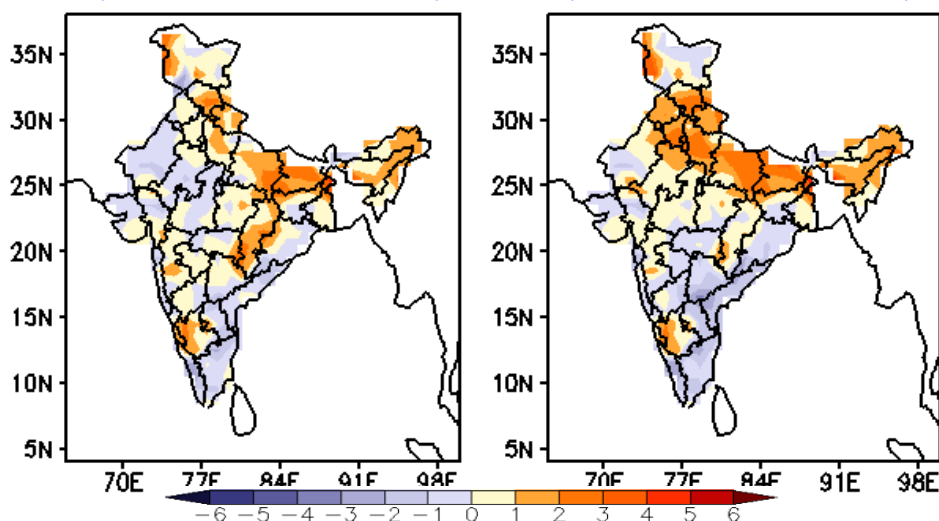
Maximum Temperature (Tmax)

- **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 ($^{\circ}\text{C}$)

(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.