

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



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



Date: 01-10-2024

AGRO-ADVISORY BULLETIN FOR KODAGU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	28.09.2024	29.09.2024	30.09.2024	01.10.2024
Rainfall (mm)	0	0	0	0
Max. Temp. (°C)	26.9	29.7	31.2	33.6
Min. Temp. (°C)	19.4	21.1	20.4	25.8
Sky condition (Octas)	-	-	-	2
Relative humidity (%) 0830 hours	85	100	84	92
Relative humidity (%) 1730 hours	87	86	84	80
Wind Speed (km/h)	-	-	-	0
Wind Direction	-	-	-	0

Weather forecast for the next five days (From 02-10-2024 to 06-10-2024)

Parameter	02.10.2024	03.10.2024	04.10.2024	05.10.2024	06.10.2024
Rainfall (mm)	20	10	10	13	14
Max. Temp. (°C)	32.3	33	32.1	32.4	31.3
Min. Temp. (°C)	19.8	20.2	20	19.5	19.2
Sky condition (Octas)	5	7	8	8	7
Relative humidity (%) 0830 hours	95	96	97	96	96
Relative humidity (%) 1730 hours	60	57	63	65	68
Wind Speed (kmph)	20	10	10	13	14
Wind Direction	206	238	248	225	214

Forecast Summary

As forecast received from IMD, cloudy sky with **light to moderate rainfall** may be expected from 02.10.2024 to 06.10.2024 in Kodagu district. The day temperature is expected to be 31.3-32.4°C & night temperature is expected 19.2-20.2°C. The relative humidity in the morning hours is expected to be 95-97% & afternoon relative humidity is expected to be in the range of 57-68%. Wind speed expected to be 10-20 km/ hr.

Recommendations to the farmers:			
Crop	Pest/Disease	Damage symptoms	Control measures
Crops and varieties that can be grown in the month of October			
Finger millet : Indaf-7, Indaf-9, KMR-301, GPU-45 Rabi Maize : M-35-1, Nose (5-4-1), CSH-10 Paddy : MSN-99 Maize : Hema, Nityashree, MAH-14-5 Popcorn : Amber Sunflower : KBSH-41, KBSH-42, KBSH-44, KBSH53, KBSH-78, KBSH-85 Soybean : MAUS-2 (Praja), Karune (Vegetable Soybean), KBS-23, KBSH-85 Niger : KBN-1, No-71 Safflower : Annigere-1, NARI-6, A-2 Field bean : HA-3, 4 Chickpea : Annigere-1, JG-11, Vishal, KAK-2 Sugarcane : Co-62175, Co-86032 (Nayana), CoVC-99463 (Vishal), Co-8371 (Bhima), VCF-0517 (Bahubali), CoVC-18061 Amaranthus : KBGA-15 Horticulture Crops : Grapes, Banana, Arecanut, Garlic, Garden pea, Carrot, Tomato, Potato, Brinjal, Chilli, Cauliflower, Radish, cabbage, Knol Khol Fodder crops : Maize : African Tall Maize : MP Chari, Pusachari, JS-3, GS-20, COFS-29 Bajra : Dhina Bandhu- 49A Cowpea : KBC-2, Lucerne : RL-88			
Crop based advisory:			
Coconut black headed caterpillar	Various stages	- Remove and burn the severely affected fronds. - On community basis feed the Manocrotophos 36 SL. to the palm through root. Method : A meter away from trunk, dig out and select brown coloured pencil thickness size root. Cut the root in a slanting position. To the polythene bag (size of 15 cm. length 4 cm. breadth) add 7.5 to 10 ml. Monocrotophos 36 SL. with equal quantity of water, introduce and immerse cut end of the root in insecticide mixture and tie the bag with thread. - The palm absorb the chemical within a period of 24 hours, if not after 48 hours select another root to feed the chemical. - A month after chemical treatment release larval parasites: gravid, Goniozus@ 10 - 12 /palm. Caution : Not to harvest tender coconuts/matured coconuts for 30 days from date of chemical treatment.	
Papaya mosaic ring spot virus	Fruit development	Nursery may be raised in 40 - 50 mesh nylon netting for a period of 60 days then plant. Around the garden 2 - 3 rows of African tall Maize should be	

		grown on border crodiv. 30 - 40 days prior to papaya palnting. Again after 2 months resowing of Maize by the side of previous Maize crodiv. Throughout the papaya cropping period maintain border crop of Maize. For control of sucking pests spray Dimethoate - 1.7 ml. /lit. water. Periodical spray is necessary. Note: June - July papaya planting can minimise the disease problem. Select disease free seedlings for planting.
Paddy Leaf folder	Vegetative stage	Apply any one of the following insecticides per lit. water a) Quinalphos 25 EC. - 2.0 ml. b) Indoxacarb 14.5 SC. - 0.5ml. c) Flubendiamide 48 SC. - 0.08ml. d) Flubendiamide 20 WG. - 0.2 g. Drain out the water and spray the insecticide. 250 - 300 lit. spray mixture requires per acre.
Red gram wilt	Vegetative stage	5.0 g. Trichoderma viridae OR 3.0 g. Carbendazim + Mancozeb 75 WP.then sown. In wilt endemic areas before sowing enriched Trichoderma FYM incorporated to soil OR Sow wilt resistant red gram variety BRG 5 or Maruthi (ICP 8863).
Paddy Yellow stem borer	Vegetative stage	If infestation noticed, apply any one of the following insecticides per lit. water a) Monocrotophos 36 SL. - 1.5 ml. b) Chlorpyriphos 20 EC. - 2.0 ml. c) Flubendiamide 48 SC. - 0.08 ml. d) Flubendiamide 20 WG. - 0.2 g. Granular insecticide - kg./acre a) Fipronil 0.3 G - 10.0 b) Carbofuran 3 G - 8.0 N.B: Before application of granular insecticides, drain out the water and apply granules. Two days after application irrigate lightly.
Coconut	Rhinoceros beetle	Remove the adult beetle from crown of the palm by means of iron hook. Quinalphos 1.5 D. OR Malathion 5 D. mix with equal quantity of sand and plug the hole with mixture. Avoid FYM pits in and around coconut garden OR Mix 350 g.Quinalphos 1.5 D/ 3 m² of FYM.
Paddy leaf and neck blast	Transplanting to Vegetative	> Seed treatment: Treat the seeds @ 4 g. Carbendazim 50 WP. or Tricyclazole 75 WP. @ 0.6 g./kg. seed. Nursery spray > When seedlings are 10 -12 days old spray any one of the following fungicides to a lit. water. a) Carbendazim 50 WP. - 1.0 g. b) Tricyclazole 75 WP. - 0.6 g. c) Edifenphos 50 EC. - 1.0 ml.

		d) Kitazin 48 EC. - 1.0 ml. 20 - 25 days after transplanting if disease incidence above 5 per cent sprays any one fungicide mention above. If necessary spray at flowering stage. 200 - 300 lits. spray solution/acre.
Coconut Eriophyid mites	-	Addition to application of recommended NPK add 1 kg. Gypsum, 50 g. Boran, 5 kg. neem oil cake/palm. Spray 80 WP. Sulphur @ 4 g./lit. water on 2 - 6 months old tender nuts. Root feeding the mixture of 7.5 ml. Neemzol. OR 10 ml. Econeem with equal quantity of water.

Block level weather forecast (From 02-10-2024 to 06-10-2024)

Madikeri

Parameter	02.10.2024	03.10.2024	04.10.2024	05.10.2024	06.10.2024
Rainfall (mm)	33.8	37.1	18.4	17.7	36.2
Max. temp (°C)	32.3	30.5	29.3	29.9	27.8
Min.Temp (°C)	21.7	22	22.2	21.7	22.1
Sky condition (Octas)	4	8	8	8	8
Relative humidity (%) 0830 hours	97	99	99	99	99
Relative humidity (%) 1730 hours	52	68	79	62	87
Wind Speed (kmph)	3	5	3	4	4
Wind Direction	210	252	281	270	252

Somvarpet

Parameter	02.10.2024	03.10.2024	04.10.2024	05.10.2024	06.10.2024
Rainfall (mm)	8.1	38.7	15.1	12.1	19.1
Max. temp (°C)	30.2	29.6	26.9	28.1	26.3
Min.Temp (°C)	20.1	20.2	20.6	20.4	20.3
Sky condition (Octas)	4	8	8	8	8
Relative humidity (%) 0830 hours	95	99	98	98	97
Relative humidity (%) 1730 hours	52	61	80	63	80
Wind Speed (kmph)	5	8	6	6	7
Wind Direction	285	283	270	257	252

Virajpet

Parameter	02.10.2024	03.10.2024	04.10.2024	05.10.2024	06.10.2024
Rainfall (mm)	26.7	19.9	14.5	14.5	33.8
Max. temp (°C)	32.5	30.4	30.1	30.2	28.3
Min.Temp (°C)	22.4	22.4	23.1	22.6	22.7
Sky condition (Octas)	4	7	8	8	8
Relative humidity (%) 0830 hours	96	99	98	97	98
Relative humidity (%) 1730 hours	48	58	73	61	81
Wind Speed (kmph)	3	5	4	4	4
Wind Direction	240	248	261	251	257

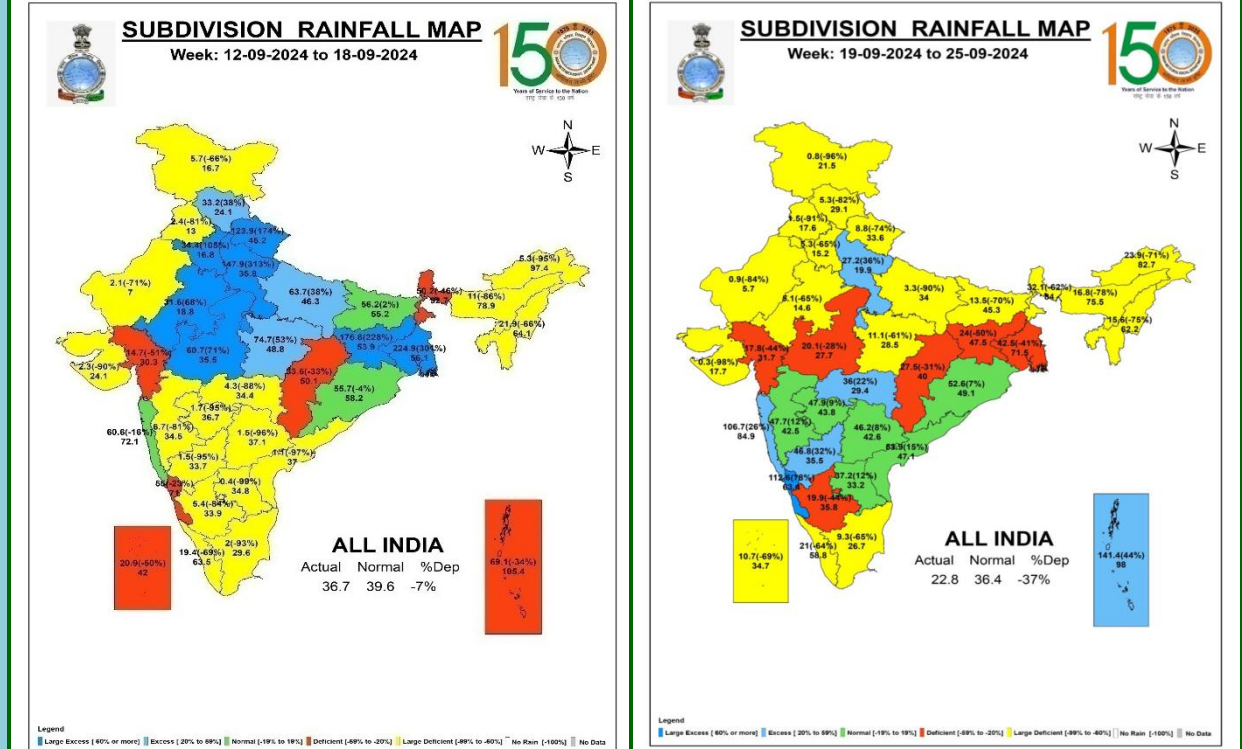
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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

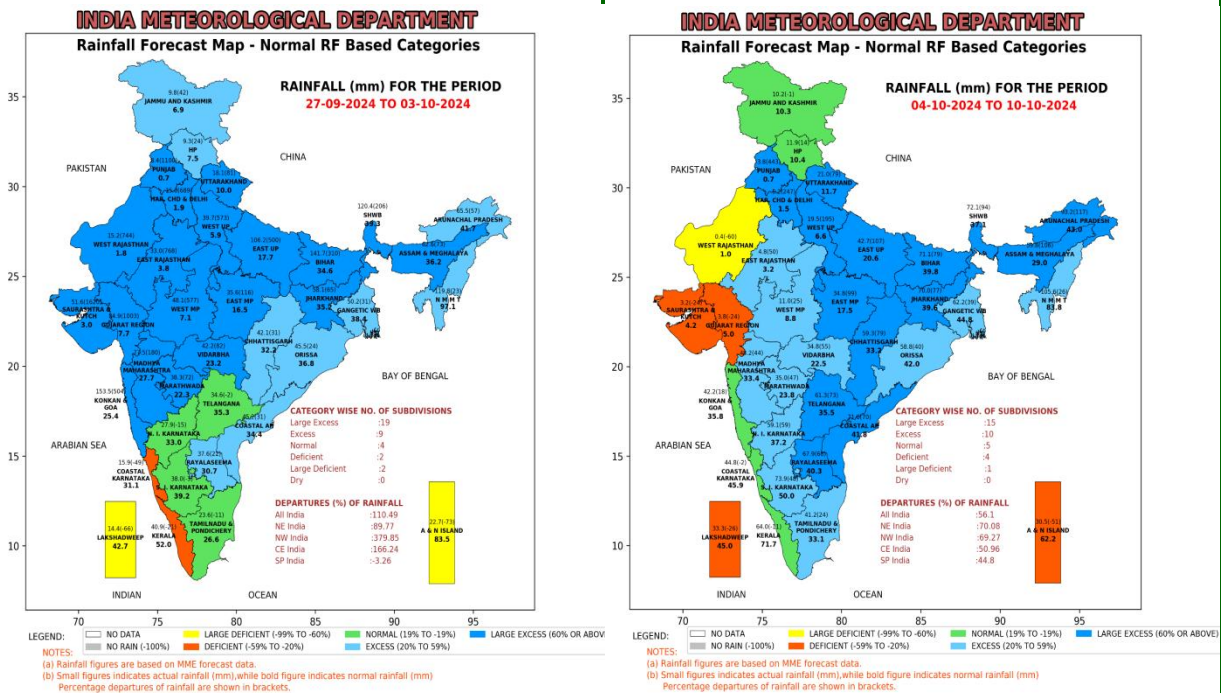
Realized Rainfall and Extended Range Forecast (वर्षाऔरतापमान) (Rainfall and Temperature)

Realized Rainfall (12th to 25th September,2024)



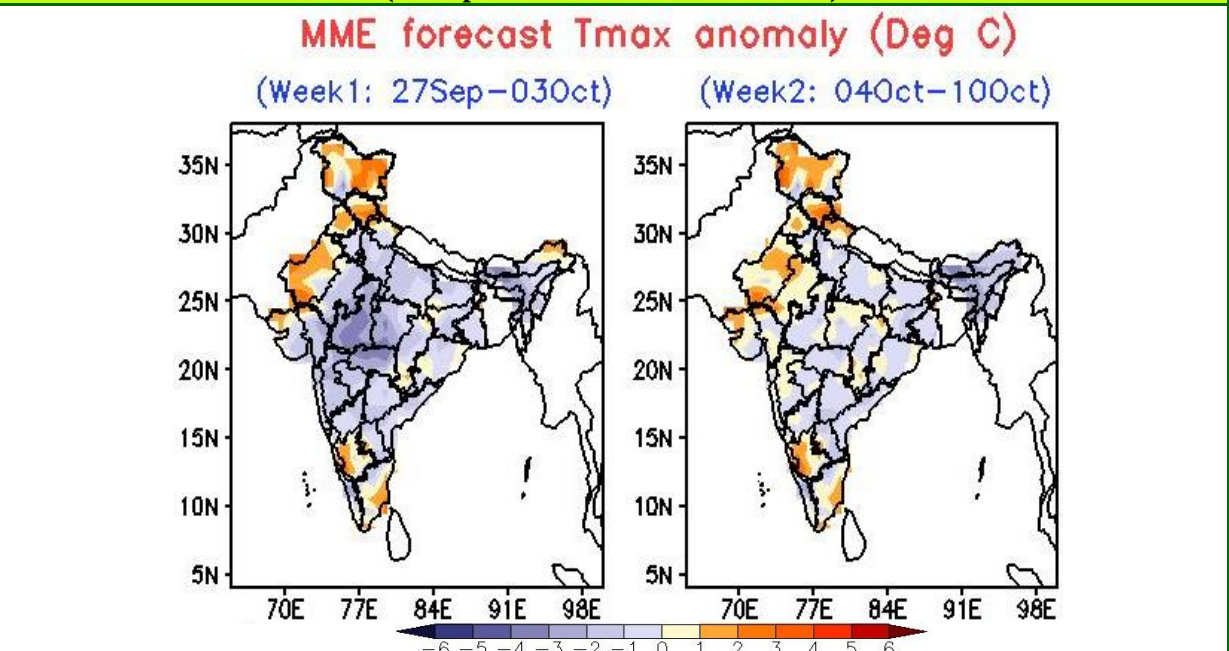
Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 25thSeptember, 2024) (27thSeptember to 10thOctober, 2024)



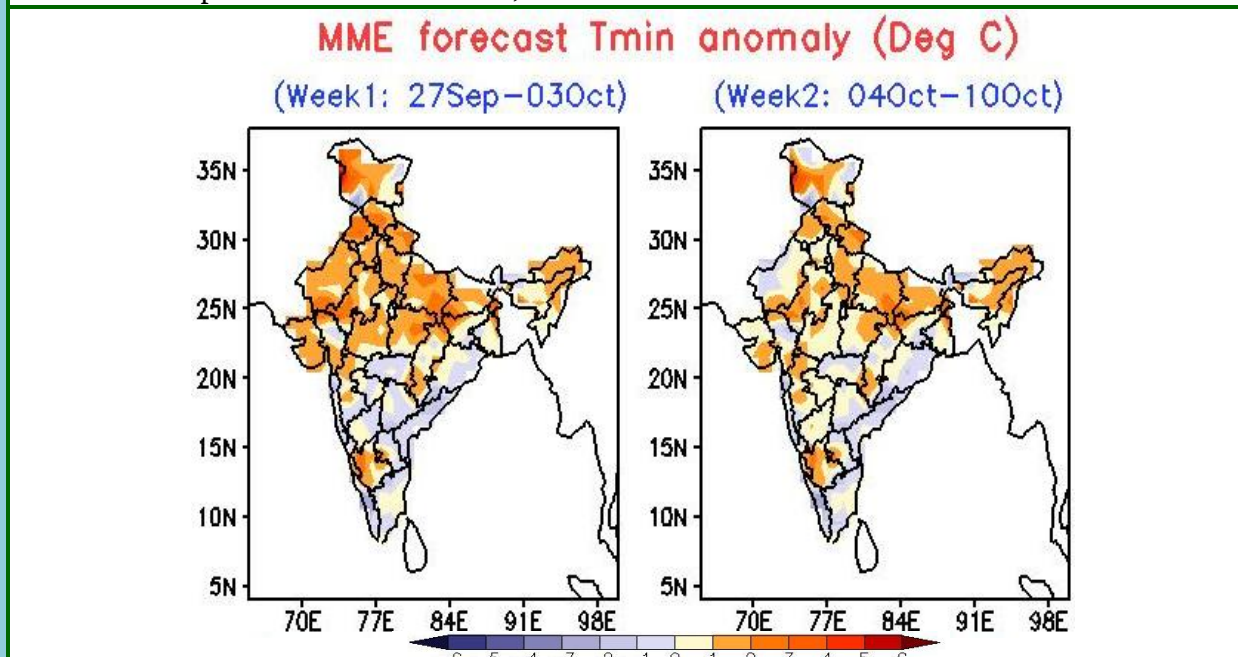
- Week1 (27.09.2024 to 03.10.2024):** Rainfall is likely to be above normal over many parts of Northwest India, Central India, East and Northeast India.
- Week 2 (04.10.2024 to 10.10.2024):** Rainfall is likely to be above normal over Uttar Pradesh, West Madhya Pradesh, Madhya Maharashtra and many parts of South, East & Northeast India.

Maximum and Minimum temperature anomaly (°C) forecast for the next 2 weeks (IC- 25thSeptember, 2024) (27thSeptember to 10thOctober, 2024)



Maximum Temperature (Tmax)

- **Week 1 (27.09.2024 to 03.10.2024):** Maximum temperature is likely to be above normal over Jammu & Kashmir, Himachal Pradesh, Punjab, West Rajasthan, Karnataka and Tamil Nadu.
- **Week 2 (04.10.2024 to 10.10.2024):** Maximum temperature is likely to be above normal over some parts of Northwest India, Karnataka and Tamil Nadu.



Minimum Temperature (Tmin)

- **Week 1 (27.09.2024 to 03.10.2024) and Week 2 (04.10.2024 to 10.10.2024):** Tmin is likely to be above normal in most parts of Northwest India, Central India and Karnataka. Tmin is likely to be below normal over Eastern coastal states and Kerala.