UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &
INDIAN METEOROLOGICAL DEPARTMENT

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AMFU, OFRS, NAGANAHALLI,
MYSURU - 570003

Date:06-05-2025

AGRO-ADVISORY BULLETIN FOR MANDYA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	03.05.2025	04.05.2025	05.05.2025	06.05.2025
Rainfall (mm)	0	0	0	0
Max. Temp. (°C)	34.6	32.4	33.4	35.3
Min. Temp. (°C)	20.7	21.5	22	21.4
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	100	85	87	100
Relative humidity (%) 1730 hours	49	52	44	24
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 07-05-2025 to 11-05-2025)

Parameter	07.05.2025	08.05.2025	09.05.2025	10.05.2025	11.05.2025
Rainfall (mm)	5	5	0	3	4
Max. temp (°C)	35	36	35	36	36
Min.Temp (°C)	21	22	21	22	22
Sky condition (Octas)	4	4	4	5	4
Relative humidity (%) 0830 hours	83	84	83	81	81
Relative humidity (%) 1730 hours	36	36	42	43	41
Wind Speed (kmph)	7	8	8	6	8
Wind Direction	285	282	288	277	279

Forecast Summary

As forecast received from IMD, cloudy sky with light rainfall may be expected from 07.05.2025 to 11.05.2025 in Mandya district. The day temperature is expected to be 35-36°C & night temperature is expected to be 22-22°C. The relative humidity in the morning hours is expected to be 81-84% & afternoon relative humidity is expected to be in the range of 36-43% Wind speed expected to be 6-8 km/ hr.

General Advisory:
➢ Moderate rainfall is expected; carry out weeding and fertilizer application during dry periods. ➢ Ensure proper drainage in paddy, vegetable, and plantation crops to avoid water stagnation. ➢ Support banana plants with props to prevent lodging due to wind and wet soil. ➢ Avoid pesticide and fungicide sprays just before or during rain; use biocontrols if needed. ➢ Provide clean water, dry bedding for livestock, and maintain good ventilation in poultry sheds.

SMS Advisory:
Light rain likely. Ensure drainage in crops, support banana, avoid sprays in rain, monitor vegetable crops for disease, keep livestock sheds clean and dry.

Recommendations to the farmers:-

Weather based advisory

Crop	Stage	Advisory
Paddy	Vegetative stage	Light rains are beneficial. Maintain 2–3 cm water in field. Apply top dressing of nitrogen (urea) if not yet done. Monitor for leaf folder and blast.
Maize	Tasseling stage	Ensure adequate soil moisture during tasseling—most critical stage. Light irrigation needed if rain is insufficient. Avoid spraying during tasseling.
Finger millet	Vegetative stage	Favorable for vegetative growth. Intercultural operations can be done. Apply nitrogen top dressing after rains.
Tomato	Flowering	Avoid water stagnation. Stake plants to prevent lodging. Spray **borax (0.2%)** to prevent flower drop. Monitor for thrips and leaf curl virus.
Chilli	Fruit formation stage	Ensure good drainage. Apply potassium-rich fertilizers for fruit setting. Monitor for sucking pests and fruit rot after rains.
Banana	Fruit development stage	Support plants to prevent lodging due to wind. Maintain basin cleanliness. Apply potash and micronutrients if not done.
Black gram, Green gram and cowpea	Sowing	Rains are favorable for sowing. Choose well-drained fields. Avoid sowing just before the 21st (moderate rain) to prevent seed rotting.
Sugarcane	Vegetative	Light rain is good. Carry out earthing-up if not done. Top-dressing of nitrogen after rainfall is beneficial. Control early shoot borer.
Mango	Fruit development stage	Light rain is favorable. Ensure fruit fly traps are installed. Spray **potassium nitrate (1%)** for fruit development and to prevent spongy tissue.
Vegetable crops	Various stages	Ensure drainage to avoid root rot. Spraying should be planned before rainfall. Check for fungal/pest issues post-rain and apply need-based treatment.

Livestock, Poultry, and Sericulture Advisory	
Sector	**Weather-Based Advisory**
Livestock	Ensure clean, shaded, and well-ventilated shelters to prevent heat and humidity stress. Provide **plenty of clean drinking water**. Use fans if possible. Avoid grazing during **midday heat**. Supplement with **mineral mixture and salt licks** to maintain animal

	health. Regularly check hooves and shelter hygiene due to increased moisture.
Poultry	Maintain proper cross-ventilation and ensure adequate space in sheds to avoid crowding. **Sprinkle water** around sheds to reduce temperature. Provide **cool, clean water with electrolytes**. Feed birds during **early morning and evening**. Ensure **dry bedding** to prevent fungal issues due to humidity.
Sericulture	Maintain optimal rearing room temperature (26–28°C) and humidity (75–80%) through **humidifiers or water sprinkling**. Avoid overcrowding of worms. Provide **well-moistened mulberry leaves**, and protect mulberry gardens from rain damage using proper drainage and partial shade. Monitor for fungal diseases due to changing humidity.

Recommendation to farmers		
Crop specific advisory:		
Crop	**Stage**	**Advisory**
Cabbage diamond back moth	Head stage	• Spray DDVP 76 EC. @0.5 ml./lit water in nursery. • 15 days before transplanting around the main field and every 25 rows of cabbage one row of mustard sowing, 15 to 20 days after cabbage planting another row of mustard sowing. Mustard as trap crop. Spray on mustard with 0.5 ml. DDVP in a lit. water. • During head formation, spray 5 per cent NSKE . • Birdpurches may be provided to attract predatory birds.
Tomato whiteflies	Fruiting stage	Spray 1.0ml.Oxydemeton methyl 25 EC in a lit. water.
Bean Pod borer	Pod formation stage	Spray 2.0 ml. Malathion 50 EC./ lit. water .
Tomato Early and late blight of tomato	Fruiting stage	For late blight of tomato 15 days prior to transplanting Trichoderma and Pseudomonas enriched compost may be incorporated to the soil. For early blight control spray 2.0 g. Mancozeb 75 WP OR 2.0 g. Maneb OR 2.0 g. Metalaxyl- MZ 72WP. OR 2.0 g. Dimethomorph + polyram/lit. water. For control of late blight spray 2.0 g. Metalaxyl - MZ 72WP. OR 2.0 g. Fosetyl al 80 WP OR 2.0 g. Dimethomorph + polyram in a lit. water, 5 weeks after transplanting. Repeat the spray 7th, 9th and 11th weeks after transplanting. 200- 250 lit. spray solution required/acre/spray.
Banana Leaf spot (sigatoka)	Fruit development	In endemic areas grow resistant banana variety - Sakkare bale. At the time of planting the rhizomes may treated with any one of the Fungicides /lit. water a)Propiconozole 25 EC.- 1.0 ml. b)Theiophenate methyl 70 Wdiv.- 1.0 g. c)Carbendazim 50 Wdiv.- 1.0 g. d)Metham Sodium (Vapom) - 1.0 g.

		In Mashy area provide drainage.
Field bean pod borer	Pod development	Dust 10 kg. Fenvalrate 0.4 D. OR Malathion 5 D. per acre during morning hours.

Block level weather forecast (From 03-05-2025 to 07-05-2025)					
Krishnarajpet					
Parameter	**07.05.2025**	**08.05.2025**	**09.05.2025**	**10.05.2025**	**11.05.2025**
Rainfall (mm)	0.2	0.3	0	0.7	2
Max. temp (°C)	34.2	33.7	32.8	32.2	31.6
Min.Temp (°C)	22.5	22.1	22.1	22.1	22.2
Sky condition (Octas)	4	5	6	4	5
Relative humidity (%) 0830 hours	80.8	81.6	81.9	83.4	83.2
Relative humidity (%) 1730 hours	35.5	36.3	40.4	43.9	46.7
Wind Speed (kmph)	4.9	5.2	7.9	7.1	7
Wind Direction	287.1	286	286	284.8	291.3

Maddur					
Parameter	**07.05.2025**	**08.05.2025**	**09.05.2025**	**10.05.2025**	**11.05.2025**
Rainfall (mm)	1	1	0	2.4	2.2
Max. temp (°C)	35.7	35.4	33.5	33.8	33.8
Min.Temp (°C)	23.6	23.4	23.1	23.4	23.2
Sky condition (Octas)	4	5	5	5	5
Relative humidity (%) 0830 hours	80.4	81.7	81.6	83.1	85.3
Relative humidity (%) 1730 hours	36.2	36.1	41.5	41.7	39.9
Wind Speed (kmph)	4.2	4.9	6.8	6.8	6.5
Wind Direction	250	252.9	230	267	266.8

Malvalli					
Parameter	**07.05.2025**	**08.05.2025**	**09.05.2025**	**10.05.2025**	**11.05.2025**
Rainfall (mm)	1	1	0	4.4	2.1
Max. temp (°C)	35.5	35.2	33.6	34	34
Min.Temp (°C)	23.8	23.6	23.4	23.5	23.5
Sky condition (Octas)	5	5	6	5	5
Relative humidity (%) 0830 hours	81.4	81.3	81.2	83.6	85.9
Relative humidity (%) 1730 hours	37.1	36	43.3	40.8	38.6

Wind Speed (kmph)	4.7	5.6	8	7.3	6.9
Wind Direction	261.2	255.1	262.2	258.7	261

Mandya					
Parameter	**07.05.2025**	**08.05.2025**	**09.05.2025**	**10.05.2025**	**11.05.2025**
Rainfall (mm)	0.4	0.5	0	1.5	1.8
Max. temp (°C)	35.2	35	33.2	33	33
Min.Temp (°C)	23.2	22.7	22.7	22.9	22.8
Sky condition (Octas)	4	5	6	5	6
Relative humidity (%) 0830 hours	81.2	82.8	82.7	84.3	85.8
Relative humidity (%) 1730 hours	37	36.4	41.2	43.2	42
Wind Speed (kmph)	5.8	5.5	7.6	7.2	6.8
Wind Direction	266.4	258.7	230	267.1	273

Nagamangala					
Parameter	**07.05.2025**	**08.05.2025**	**09.05.2025**	**10.05.2025**	**11.05.2025**
Rainfall (mm)	0.3	0.2	0	1	2.1
Max. temp (°C)	34.1	33.9	32.9	32.1	32.2
Min.Temp (°C)	22.9	22.2	22.4	22.5	22.6
Sky condition (Octas)	5	6	6	5	5
Relative humidity (%) 0830 hours	77	81.3	80.3	81.4	83.2
Relative humidity (%) 1730 hours	36	37	41.1	45	45.6
Wind Speed (kmph)	5.8	6.5	8.3	7.8	7.8
Wind Direction	277.1	230	275	283.4	283.4

Pandavapura					
Parameter	**07.05.2025**	**08.05.2025**	**09.05.2025**	**10.05.2025**	**11.05.2025**
Rainfall (mm)	0.1	0.3	0	1.3	2
Max. temp (°C)	34.7	34.6	32.7	32.5	32.4
Min.Temp (°C)	22.9	22.4	22.4	22.5	22.6
Sky condition (Octas)	4	5	6	5	6
Relative humidity (%) 0830 hours	82	83.9	83.1	84.1	85.4
Relative humidity (%) 1730 hours	36.6	37	42.7	45.1	45.1
Wind Speed (kmph)	5	5.9	7.2	7.6	6.6
Wind Direction	230	259.4	272.9	267.3	279.5

Shrirangapatna					
Parameter	**07.05.2025**	**08.05.2025**	**09.05.2025**	**10.05.2025**	**11.05.2025**
Rainfall (mm)	0.2	0.2	0	2.5	1.9
Max. temp (°C)	34.7	34.7	32.9	32.9	32.7
Min.Temp (°C)	22.9	22.5	22.8	22.8	22.9
Sky condition (Octas)	4	6	6	6	6
Relative humidity (%) 0830 hours	83.9	85.6	82.2	84.5	84.4
Relative humidity (%) 1730 hours	37.5	36.5	42.9	43.8	43.7
Wind Speed (kmph)	5.4	6.6	8.3	8.3	7.2
Wind Direction	266.2	260.5	272.5	267.5	272.9

- 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

वास्तविकवर्षातथाविस्तारितअवधिपूर्वानुमान

Realized Rainfall and Extended Range Forecast

(वर्षाऔरतापमान)

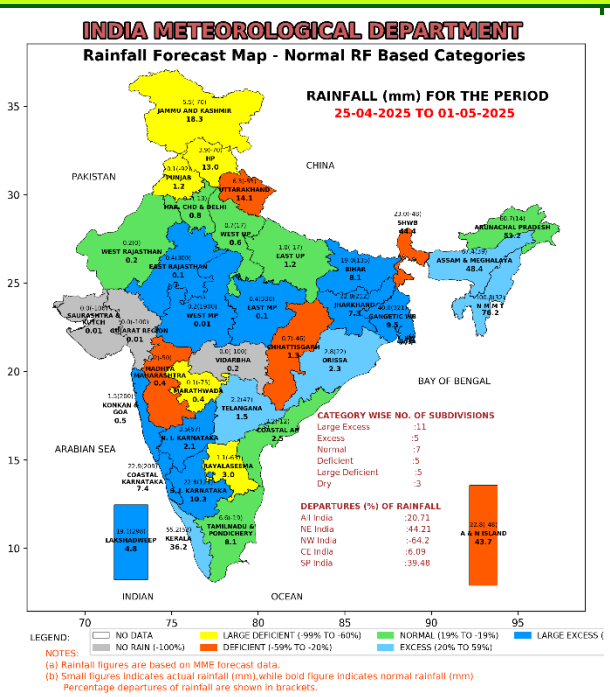
(Rainfall and Temperature)

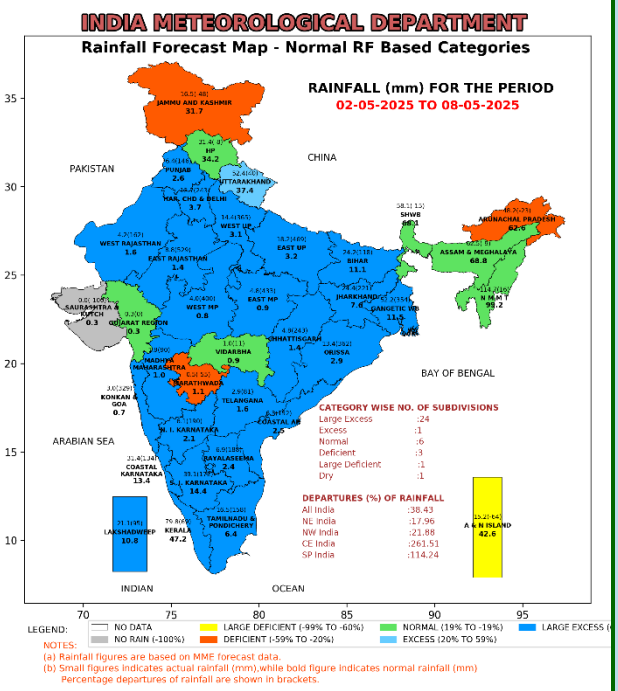
Realized Rainfall

(10th to 23rd April, 2025)

Extended Range Forecast System

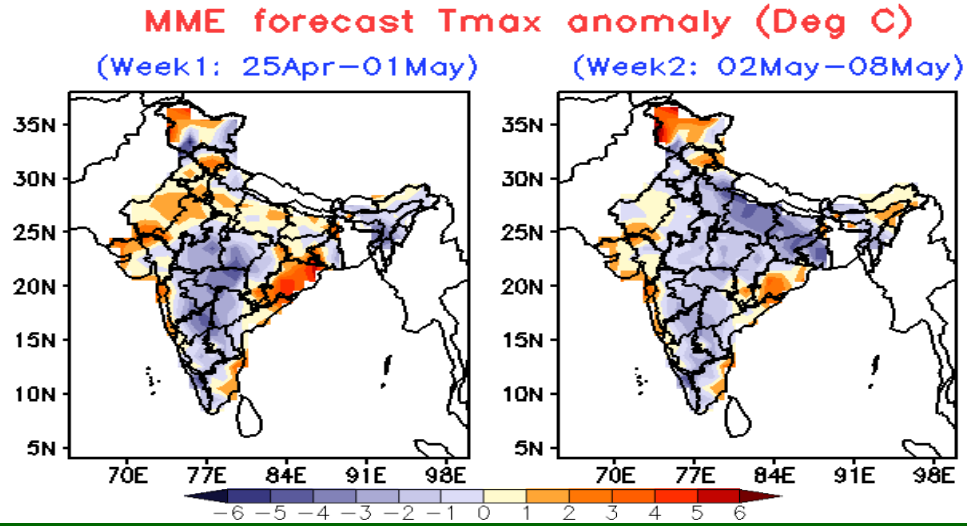
Rainfall forecast maps for the next 2 weeks (IC- 23rdApril,2025)
(25thAprilto 08thMay, 2025)





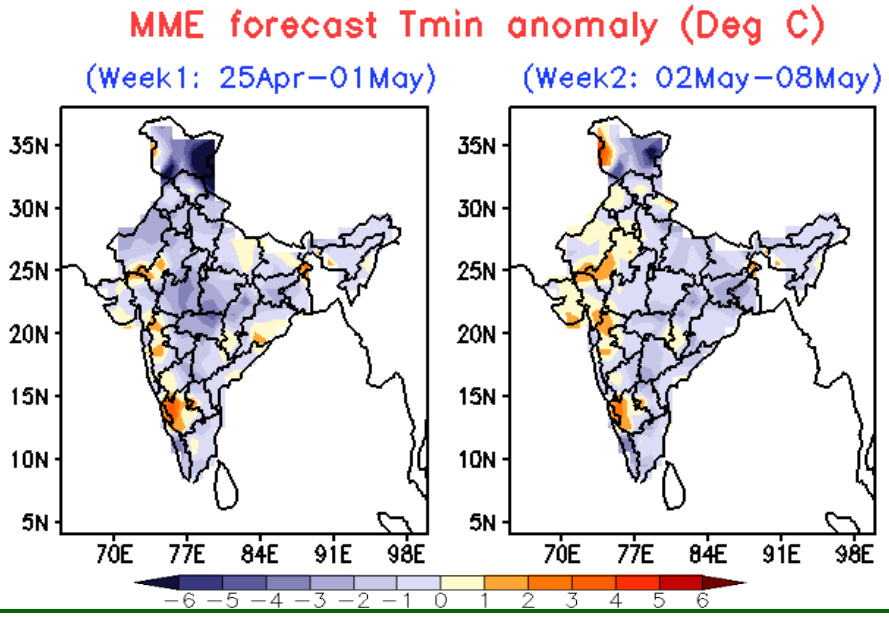
- **Week1(25.04.2025 to 01.05.2025):**Rainfall is likely to be above normal in Kerala, South Karnataka, Northeast India, Gangetic West Bengal, Jharkhand and Bihar. Rainfall activity is likely over some parts of Tamil Nadu, Uttarakhand, Himachal Pradesh and Jammu & Kasmir.
- **Week 2 (02.05.2025 to 08.05.2025):**Rainfall is likely to be above normal over many parts of Northwest India, East India, Kerala, Tamil Nadu and Karnataka. Rainfall activity is likely over many parts of Northeast India.

Maximum and Minimum temperature anomaly (°C) forecast
for the next 2 weeks (IC- 23rd April,2025)
(25th April to 08th May, 2025)



Maximum Temperature (Tmax)

- **Week 1 (25.04.2025 to 01.05.2025):** Maximum temperature is likely to be above normal over North West India, Gujarat, Konkan-Goa, Odisha and coastal regions of Tamil Nadu. However, it is likely to be below normal over rest of the country.
- **Week 2 (02.05.2025 to 08.05.2025):**Maximum temperature is likely to be below normal over most parts of the country. However, it is likely to be above normal over Konkan-Goa, Gujarat, West Rajasthan, Jammu & Kashmir, Himachal Pradesh,coastal regions of Tamil Nadu and some parts of Odisha and Assam.



Minimum Temperature (Tmin)

- **Week 1 (25.04.2025 to 01.05.2025):** Minimum temperature is likely to be below normal over most parts of the county. However, it is likely to be above normal over Karnataka.
- **Week 2 (02.05.2025 to 08.05.2025):** Minimum temperature is likely to be below normal over many parts of the county. However, it is likely to be above normal over Rajasthan, Gujarat, Madhya Maharashtra and Karnataka.