

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



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



Date: 30-05-2025

AGRO-ADVISORY BULLETIN FOR MANDYA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	27.05.2025	28.05.2025	29.05.2025	30.05.2025
Rainfall (mm)	9	4	0	0
Max. Temp. (°C)	27.2	27.2	27.3	27.6
Min. Temp. (°C)	21.4	22.3	22.1	21.6
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	97	92	94	97
Relative humidity (%) 1730 hours	97	78	81	85
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 31-05-2025 to 04-06-2025)

Parameter	31.05.2025	01.06.2025	02.06.2025	03.06.2025	04.06.2025
Rainfall (mm)	7	5	1	4	4
Max. temp (°C)	28	28	28	28	28
Min.Temp (°C)	21	21	21	21	21
Sky condition (Octas)	7	6	3	4	4
Relative humidity (%) 0830 hours	89	88	89	88	88
Relative humidity (%) 1730 hours	80	82	84	82	83
Wind Speed (kmph)	12	10	10	8	8
Wind Direction	252	258	246	247	246

Forecast Summary

As forecast received from IMD, cloudy sky with **light rainfall** may be expected from **31.05.2025 to 04.06.2025** in Mandya district. The day temperature is expected to be 28°C & night temperature is expected to be 21°C. The relative humidity in the morning hours is expected to be 88-89% & afternoon relative humidity is expected to be in the range of 80-84 % Wind speed expected to be 8-12 km/ hr.

General Advisory:

- Light to moderate rainfall is expected daily; ensure proper drainage in all crop fields to prevent water stagnation.
- Cloudy weather with high humidity may favor the development of fungal diseases in crops.
- Carry out weeding and intercultural operations during dry spells to manage weed growth effectively.
- Monitor crops regularly for fungal diseases such as blight, mildew, and rust; apply appropriate fungicides if symptoms appear.
- Provide support to tall and fruit-bearing crops like banana, tomato, and chilli to prevent lodging due to wind and wet soil.
- Avoid harvesting during rainy days; store harvested produce in dry and well-ventilated conditions.
- Maintain clean and dry shelters for livestock; ensure adequate ventilation and provide clean drinking water.
- Keep poultry sheds dry and hygienic; monitor for disease symptoms and ensure proper litter management.
- Apply fertilizers during dry weather to avoid nutrient loss through leaching.
- Monitor crops for sucking pests like aphids and whiteflies; use recommended pest control measures if necessary.
- Maintain overall field hygiene by removing diseased plant parts and crop debris to reduce the risk of infections.

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.

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

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.

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.

Recommendation to farmers		
Crop specific advisory:		
Crop	Stage	Advisory
Cabbage diamond back moth	Head stage	<ul style="list-style-type: none"> 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 . Birdpurchases 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	<p>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</p> <p>OR</p> <p>2.0 g. Maneb</p> <p>OR</p> <p>2.0 g. Metalaxyl- MZ 72WP.</p> <p>OR</p> <p>2.0 g. Dimethomorph + polyram/lit. water.</p> <p>For control of late blight spray 2.0 g. Metalaxyl - MZ 72WP.</p> <p>OR</p> <p>2.0 g. Fosetyl al 80 WP</p> <p>OR</p> <p>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.</p>
Banana Leaf spot (sigatoka)	Fruit development	<p>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</p> <p>a)Propiconazole 25 EC.- 1.0 ml.</p> <p>b)Theiophenate methyl 70 Wdiv.- 1.0 g.</p> <p>c)Carbendazim 50 Wdiv.- 1.0 g.</p> <p>d)Metham Sodium (Vapom) - 1.0 g.</p> <p>In Mashy area provide drainage.</p>
Field bean pod borer	Pod development	<p>Dust 10 kg. Fenvalrate 0.4 D.</p> <p>OR</p> <p>Malathion 5 D. per acre during morning hours.</p>

Block level weather forecast (From 31-05-2025 to 04-06-2025)					
Krishnarajpet					
Parameter	31.05.2025	01.06.2025	02.06.2025	03.06.2025	04.06.2025
Rainfall (mm)	4.2	0.5	2.4	0.7	1.1
Max. temp (°C)	22.8	24.9	28.2	28	28.8
Min.Temp (°C)	20.4	20.8	20.7	20.6	20.6
Sky condition (Octas)	8	8	7	6	4
Relative humidity (%) 0830 hours	89.6	88.2	92	90.6	90.6
Relative humidity (%) 1730 hours	81.6	69.4	54.8	53.8	48.7
Wind Speed (kmph)	23.9	16.5	14.5	16.8	15.4
Wind Direction	248.8	253.5	243.4	241.8	237.4

Maddur					
Parameter	31.05.2025	01.06.2025	02.06.2025	03.06.2025	04.06.2025
Rainfall (mm)	3.3	0.3	1	1.1	0.9
Max. temp (°C)	23.2	27	29.9	29.5	30.4
Min.Temp (°C)	20.7	21.4	21.8	21.4	21.5
Sky condition (Octas)	8	7	7	6	4
Relative humidity (%) 0830 hours	89.3	87	88.8	88.6	87.2
Relative humidity (%) 1730 hours	82.4	64.4	52.4	50.3	45.6
Wind Speed (kmph)	19.5	15.2	13.7	15.5	14
Wind Direction	250.6	256.3	243.4	248.2	247.4

Malvalli					
Parameter	31.05.2025	01.06.2025	02.06.2025	03.06.2025	04.06.2025
Rainfall (mm)	5.1	0.2	0.5	0.5	1.1
Max. temp (°C)	23.6	26.1	29.9	29.9	30.4
Min.Temp (°C)	21.1	21.6	22	21.9	21.7
Sky condition (Octas)	8	8	7	7	4
Relative humidity (%) 0830 hours	89.2	86.3	85.8	85	84.2
Relative humidity (%) 1730 hours	80.6	65.2	48.8	49.2	45.6
Wind Speed (kmph)	23.2	17	16.3	18	17.1
Wind Direction	251	256.5	248	250.1	251.6

Mandya					
Parameter	31.05.2025	01.06.2025	02.06.2025	03.06.2025	04.06.2025
Rainfall (mm)	5.1	0.2	1	0.3	0.5
Max. temp (°C)	23.2	26.1	29.2	29	29.9
Min.Temp (°C)	20.6	21	21.2	21	21.1
Sky condition (Octas)	8	7	8	6	4
Relative humidity (%) 0830 hours	89.5	88	90	90.1	89.2
Relative humidity (%) 1730 hours	80.8	66.6	51.6	51.2	46.8
Wind Speed (kmph)	22.3	15.9	15.6	17.1	15.9
Wind Direction	247.2	251.6	244	245	241.7

Nagamangala					
Parameter	31.05.2025	01.06.2025	02.06.2025	03.06.2025	04.06.2025
Rainfall (mm)	1.9	0.3	0.6	0.3	0.4
Max. temp (°C)	22.9	26	27.9	28.4	29.1
Min.Temp (°C)	20.7	20.8	20.7	20.6	20.8
Sky condition (Octas)	8	7	8	6	4
Relative humidity (%) 0830 hours	89.6	87.1	91.5	89.6	88.4
Relative humidity (%) 1730 hours	80.9	64.4	57.4	51.8	47.4
Wind Speed (kmph)	22.6	16.2	16.6	17.3	15.9
Wind Direction	253.3	257.2	245.6	246.6	244.6

Pandavapura					
Parameter	31.05.2025	01.06.2025	02.06.2025	03.06.2025	04.06.2025
Rainfall (mm)	6.3	0.6	1.4	0.7	1.4
Max. temp (°C)	23.2	26	29.2	28.8	29.8
Min.Temp (°C)	20.6	21.1	21.2	21	21.1
Sky condition (Octas)	8	8	8	6	4
Relative humidity (%) 0830 hours	90.7	88.2	89.8	90.2	89.5
Relative humidity (%) 1730 hours	80.2	66.8	52.4	51.8	47
Wind Speed (kmph)	22.6	16.1	16.4	17.9	16.4
Wind Direction	247.5	250.3	244	245	241.2

Shrirangapatna					
Parameter	31.05.2025	01.06.2025	02.06.2025	03.06.2025	04.06.2025
Rainfall (mm)	6.3	0.6	1.1	0.7	1.4
Max. temp (°C)	23.1	25.7	29.1	29.1	29.8
Min.Temp (°C)	20.7	21.2	21.5	21.2	21.2
Sky condition (Octas)	8	8	7	7	4
Relative humidity (%) 0830 hours	91	87	87.9	88.1	87.7
Relative humidity (%) 1730 hours	80.1	67.5	50.8	51.4	47
Wind Speed (kmph)	21.8	15.7	15.3	17.7	16.7
Wind Direction	247.7	249.9	243.4	243.4	244.5

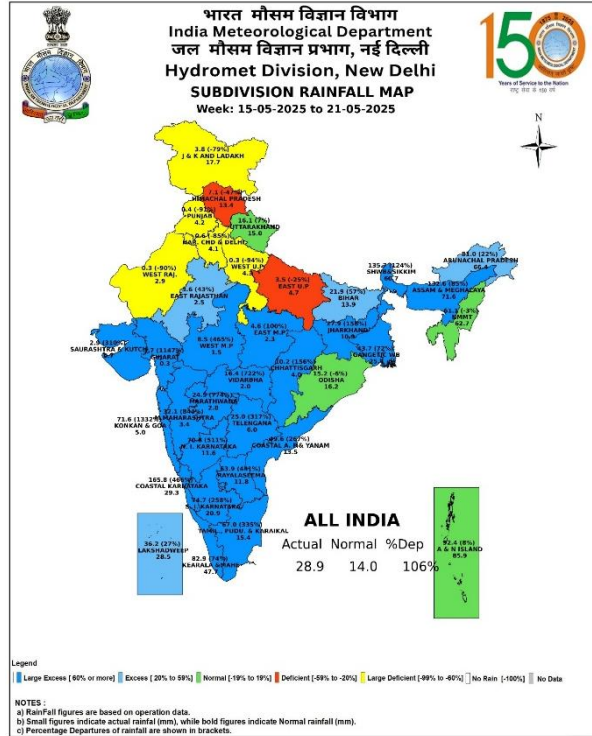
- Download **“DAMINI”** app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download **“MAUSAM”** APP for location specific forecast & warning & **“MEGHDOOT”** APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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

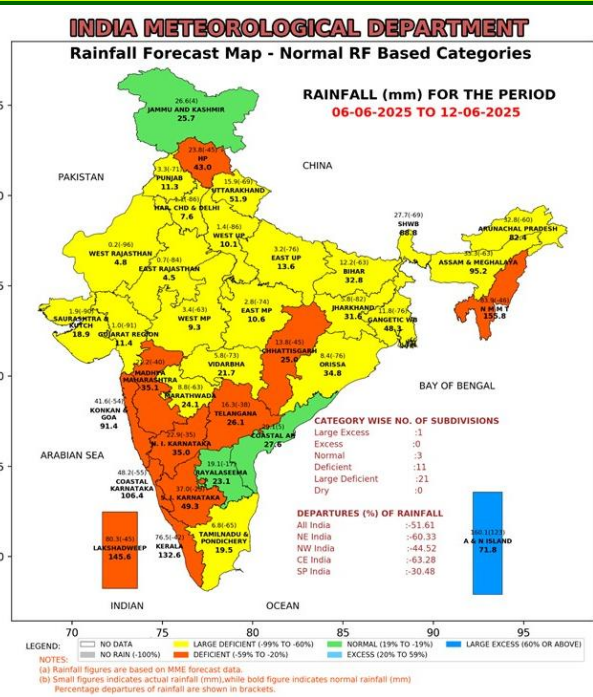
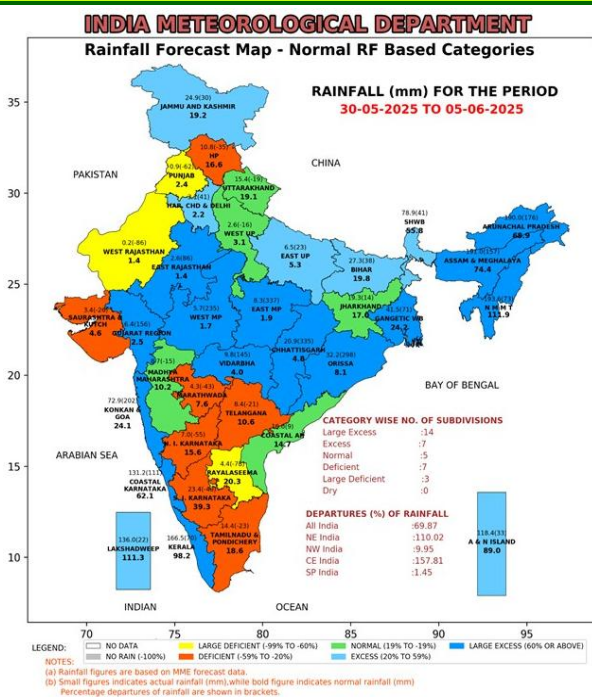
वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान
Realized Rainfall and Extended Range Forecast
(वर्षा और तापमान)
(Rainfall and Temperature)

Realized Rainfall
(15th to 28th May, 2025)



Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 28th May, 2025)
(30th May to 12th June, 2025)



- **Week1(30.05.2025 to 05.06.2025):** Rainfall is likely to be above normal over North East India and along West Coast and below normal over Interior Karnataka, Rayalaseema and

Tamil Nadu. However, mainly dry weather is likely to be over Rajasthan, Punjab, Haryana, West Uttar Pradesh, Saurashtra & Kutch, most parts of Tamil Nadu, North Interior Karnataka and Rayalaseema.

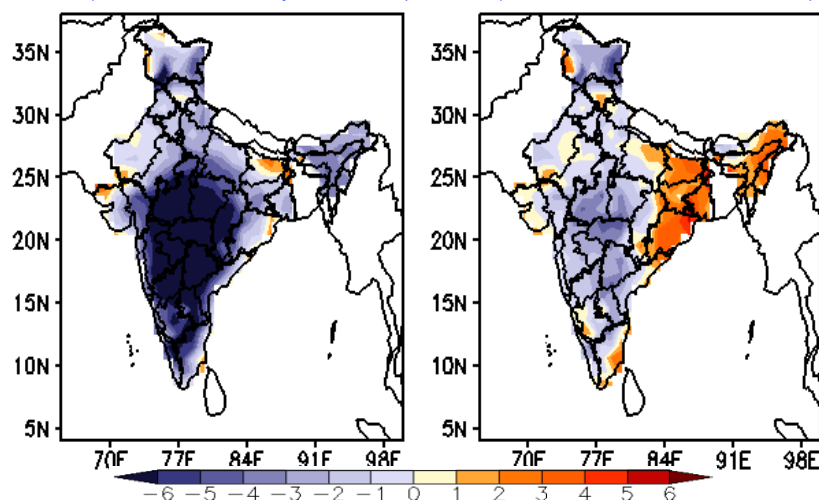
- **Week 2 (06.06.2025 to 12.06.2025):** Rainfall is likely to be below normal over most parts of the country. Mainly dry weather is likely over Rajasthan, Punjab, Haryana, Gujarat, Uttar Pradesh and Madhya Pradesh.

**Maximum and Minimum temperature anomaly (°C) forecast
for the next 2 weeks (IC- 28th May, 2025)
(30th May to 12th June, 2025)**

MME forecast Tmax anomaly (Deg C)

(Week1: 30May–05Jun)

(Week2: 06Jun–12Jun)



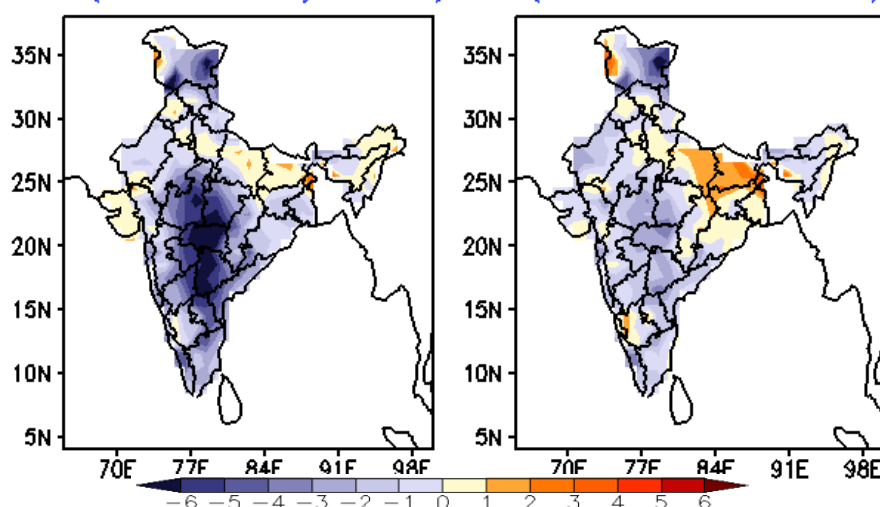
Maximum Temperature (Tmax)

- **Week 1 (30.05.2025 to 05.06.2025):** Maximum temperature is likely to be below normal over most parts of the country except Bihar.
- **Week 2 (06.06.2025 to 12.06.2025):** Maximum temperature is likely to be above normal over East and North East India and below normal over rest of the country.

MME forecast Tmin anomaly (Deg C)

(Week1: 30May–05Jun)

(Week2: 06Jun–12Jun)



Minimum Temperature (Tmin)

- **Week 1 (30.05.2025 to 05.06.2025):** Minimum temperature is likely to be below normal over most parts of the country. However, it is likely to be slightly above normal over Saurashtra & Kutch, Bihar, East Uttar Pradesh and Arunachal Pradesh.

- **Week 2 (06.06.2025 to 12.06.2025):** Minimum temperature is likely to be below normal over many parts of the country. However, it is likely to be above normal over Bihar and East Uttar Pradesh.