

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



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



Date: 13.04.2026

AGRO-ADVISORY BULLETIN FOR MANDYA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	10.04.2026	11.04.2026	12.04.2026	13.04.2026
Rainfall (mm)	0	0.5	0	0
Max. Temp. (°C)	34.5	35.3	34.1	35.4
Min. Temp. (°C)	23.3	23.4	22.9	22.3
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	81	88	95	82
Relative humidity (%) 1730 hours	-	-	-	-
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 14-04-2026 to 18-04-2026)

Parameter	14.04.2026	15.04.2026	16.04.2026	17.04.2026	18.04.2026
Rainfall (mm)	0	0	1	1	0
Max. temp (°C)	36	36	35	36	35
Min.Temp (°C)	22	23	22	23	22
Sky condition (Octas)	3	2	4	4	1
Relative humidity (%) 0830 hours	79	78	77	78	81
Relative humidity (%) 1730 hours	45	44	46	45	44
Wind Speed (km/h)	6	6	4	6	6
Wind Direction	235	235	241	248	233

Forecast Summary

As forecast received from IMD, **light rainfall** may be expected from 14.04.2026 to 18.04.2026 in Mandya district. The day temperature is expected to be 35-36°C & night temperature is expected to be 22-23°C. The relative humidity in the morning hours is expected to be 77-81% & afternoon relative humidity is expected to be in the range of 44-46 %, Wind speed expected to be 4-6 km/ hr.

General Advisory:

Crop & Farm Operations

- **Irrigation:**
 - As there is **no rainfall expected**, ensure **protective irrigation** for standing crops, especially vegetables, pulses, and newly planted crops.
 - Prefer **morning or evening irrigation** to reduce evaporation losses.
- **Field Operations:**
 - Dry weather is **favourable for intercultural operations** such as weeding, hoeing, earthing up, and fertilizer application.
 - Suitable period for **harvesting, threshing, drying, and storage** of produce.
- **Plant Protection:**
 - Low humidity and dry conditions may favor **sucking pests (aphids, thrips, mites)**. Monitor crops regularly and take timely control measures if needed.
 - Avoid pesticide spraying during **midday hours**; spray during **early morning or late evening**.

Horticulture & Plantation Crops

- Provide **light irrigation** to fruit crops, vegetables, and nurseries to avoid moisture stress.
- Mulching is advised to **conserve soil moisture** and maintain soil temperature.
- Carry out **training, pruning, and basin cleaning** operations under plantation crops.

Livestock & Poultry

- Ensure **adequate drinking water** for livestock and poultry as temperatures may rise slightly.
- Maintain proper ventilation in sheds during daytime.
- Dry weather is suitable for **shed cleaning and sanitation**.

SMS Advisory:

Dry weather likely during the next five days. Very light rainfall expected. Farmers are advised to provide protective irrigation to standing crops, vegetables and plantations. Weather is favourable for weeding, fertilizer application, harvesting, drying and storage of produce. Monitor crops for sucking pests under dry conditions and take timely control measures. Ensure sufficient drinking water and proper ventilation for livestock and poultry.

Crops and Suitable Varieties for Sowing in April

Finger millet (Ragi): Indaf-9, GPU-45, GPU-48.

Sorghum (Jowar): CSH-5, CSH-9, CSV-4.

Green gram: PS-16, Pusa Baisaki, PDA-84-178, KKM-3.

Black gram: Karagav-3, T-29, Rashmi (LBG-625), LBG-791 (Suraksha).

Cowpea: TVX-944-02E, KBC-1, KBC-2, KM-9, KM-24, KC-8 (KBC-11), PGCP-6.

Soybean (irrigated): MAUS-2 (Pooja), Karune, KBS-23.

Sesame: GT-1, Navile-1 (Tunga), TMV-3, T-7, GKVK-S-1.

Horticultural crops: Banana and Ginger.

Fodder sorghum: JS-3.

Fodder cowpea: MFC-09-01, MFC-08-14, MFC-09-03.

Recommendations to the farmers:-

Weather based advisory

Crop	Crop Stage	Weather-based Advisory	Severe Pests / Diseases Likely	Recommended Management
Banana	Fruit development stage	Dry weather with moderate temperature favours sucking pests and mites	Thrips, mites, early Sigatoka leaf spot	Spray Neem oil 3 ml/L or Azadirachtin 1500 ppm @ 3 ml/L; for mites spray Wettable sulphur 2 g/L; remove severely affected leaves
Cabbage & Cauliflower	Vegetative stage	Warm and dry weather encourages insect multiplication	Diamond back moth, aphids, Alternaria leaf spot (early)	Spray Emamectin benzoate 0.4 g/L for DBM; Imidacloprid 0.3 ml/L for aphids; remove infected leaves
Sugarcane	Vegetative stage	Prolonged dry spell favours borer incidence	Early shoot borer, Pyrilla	Release Trichogramma chilonis @ 8 cards/acre; spray Chlorantraniliprole 0.4 ml/L if severe infestation
Vegetable crops (general)	Various stages	Low evening RH and moderate temperature favour sucking pests	Thrips, whitefly, mites	Spray Neem-based formulation 3–5 ml/L; install yellow sticky traps (10–12/acre)
Chickpea	Vegetative stage	Dry conditions favour early pod borer and root stress	Gram pod borer, dry root rot	Install pheromone traps @ 5/acre; spray Emamectin benzoate 0.4 g/L if larvae noticed; avoid moisture stress
Tomato	Transplanting to fruit formation	Dry weather favours vector population and mite infestation	Thrips, whitefly, leaf curl virus, mites	Spray Thiamethoxam 0.25 g/L against vectors; Propargite 2 ml/L for mites; rogue out virus-infected plants
Coconut	Bearing stage	Dry weather favours mite and defoliator pests	Red palm mite, black-headed caterpillar	Spray Neem oil 5 ml/L on leaf undersurface; release Goniozus nephantidis for BHC; maintain basin moisture
Arecanut	Nut development stage	Moisture stress favours sucking pests	Spindle bug, mites	Spray Neem oil 5 ml/L directed to spindle region; remove dried leaf sheaths
Green gram, Cowpea & Black gram	Vegetative stage	Dry weather favours sucking pests and powdery mildew	Thrips, leaf hopper, powdery mildew	Spray Dimethoate 2 ml/L; for powdery mildew spray Wettable sulphur 2 g/L
Sericulture	Silkworm rearing stage	Warm, dry weather increases pest and disease risk	Uzi fly, Grasserie	Install Uzi fly traps; maintain hygiene; disinfect rearing house with 2% bleaching powder
Livestock	—	Dry and warm weather causes heat stress	Heat stress, ectoparasites	Provide shade and cool water; spray Deltamethrin 0.01% for ectoparasites
Poultry	—	High temperature	Heat stress,	Ensure ventilation; provide

		and dry air causes stress	ectoparasites	electrolytes; maintain dry litter
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Block level weather forecast					
Krishnarajpet					
Parameter	14.04.2026	15.04.2026	16.04.2026	17.04.2026	18.04.2026
Rainfall (mm)	0	0	0.1	0.2	0
Max. temp (°C)	36.8	36.9	36.9	37.5	37.5
Min.Temp (°C)	22.1	22.4	22.1	22.5	22.1
Sky condition (Octas)	2	2	3	2	2
Relative humidity (%) 0830 hours	83.8	83.2	82.9	80.5	80.3
Relative humidity (%) 1730 hours	19.4	20.1	20.8	20.1	18.2
Wind Speed (kmph)	5.1	6.8	9.4	6.6	6.8
Wind Direction	261.9	238	274.4	257.5	244.8

Maddur					
Parameter	14.04.2026	15.04.2026	16.04.2026	17.04.2026	18.04.2026
Rainfall (mm)	0	0	0	0.4	0.1
Max. temp (°C)	38.4	38.5	38.5	39.4	39.5
Min.Temp (°C)	23.2	23.5	23.8	23.9	23.2
Sky condition (Octas)	3	2	2	2	1
Relative humidity (%) 0830 hours	77.8	81.2	83.2	80.5	82.1
Relative humidity (%) 1730 hours	17.4	17.7	19.3	17.9	17.3
Wind Speed (kmph)	5.2	7.8	7.8	7.6	7.6
Wind Direction	213.7	236.3	236.3	225	225

Malvalli					
Parameter	14.04.2026	15.04.2026	16.04.2026	17.04.2026	18.04.2026
Rainfall (mm)	0	0	0	0.3	0
Max. temp (°C)	38	38.2	38.2	39	39.2
Min.Temp (°C)	22.4	22.5	22.9	22.6	22.2
Sky condition (Octas)	3	2	2	1	1
Relative humidity (%) 0830 hours	82.1	87.2	90.1	89	88.8
Relative humidity (%) 1730 hours	16.5	17.4	18.8	18.1	17
Wind Speed (kmph)	4.6	6.6	7.2	7.4	6.6
Wind Direction	225	229.4	243.4	247.2	247.6

Mandya

Parameter	14.04.2026	15.04.2026	16.04.2026	17.04.2026	18.04.2026
Rainfall (mm)	0	0	0	0.5	0.1
Max. temp (°C)	38.4	38.2	38.4	39.1	39.2
Min.Temp (°C)	23	23.5	23.7	23.6	23.1
Sky condition (Octas)	3	2	2	2	1
Relative humidity (%) 0830 hours	79.3	82.4	83.1	81	83.1
Relative humidity (%) 1730 hours	17	18.1	19.7	18.9	17.6
Wind Speed (kmph)	5.6	8.1	8.1	7.9	8.2
Wind Direction	219.8	237.7	237.7	226.8	228.6

Nagamangala

Parameter	14.04.2026	15.04.2026	16.04.2026	17.04.2026	18.04.2026
Rainfall (mm)	0	0	0.2	0.5	0
Max. temp (°C)	36.9	37	37.2	37.5	37.9
Min.Temp (°C)	22.5	22.9	22.8	23.1	22.5
Sky condition (Octas)	2	2	2	2	2
Relative humidity (%) 0830 hours	81.3	82.9	81	78.5	80
Relative humidity (%) 1730 hours	19.1	20	20.1	20.1	18.3
Wind Speed (kmph)	5.2	8.4	8.6	7.2	7.9
Wind Direction	236.3	230.2	255.4	243.4	230.5

Pandavapura

Parameter	14.04.2026	15.04.2026	16.04.2026	17.04.2026	18.04.2026
Rainfall (mm)	0	0	0.2	0.3	0
Max. temp (°C)	37.5	37.5	37.7	38.2	38
Min.Temp (°C)	22.7	23.2	23.2	23.2	22.7
Sky condition (Octas)	2	2	2	2	1
Relative humidity (%) 0830 hours	83.8	84.2	82.7	82.1	83.4
Relative humidity (%) 1730 hours	19	19.7	20	19.7	18.6
Wind Speed (kmph)	6.5	8	9.4	8.3	8.5
Wind Direction	236.3	243.4	247.4	235.6	233.6

Shrirangapatna

Parameter	14.04.2026	15.04.2026	16.04.2026	17.04.2026	18.04.2026
Rainfall (mm)	0	0	0	0.3	0
Max. temp (°C)	37.8	37.7	37.9	38.4	38.2
Min.Temp (°C)	22.8	23.2	23.2	23.2	22.8
Sky condition (Octas)	2	2	2	2	1
Relative humidity (%) 0830 hours	83.4	83.5	82.8	81.7	83.2
Relative humidity (%) 1730 hours	18	19.2	19.6	18.6	18.2
Wind Speed (kmph)	6.5	8	9.7	8.4	8.4
Wind Direction	236.3	243.4	248.2	239	239

- 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. Sumanth Kumar.G.V**, Technical officer over phone No.0821-259126/ 9535345814.

AMFU of IMD, Naganahalli, Mysuru

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

Realized Rainfall

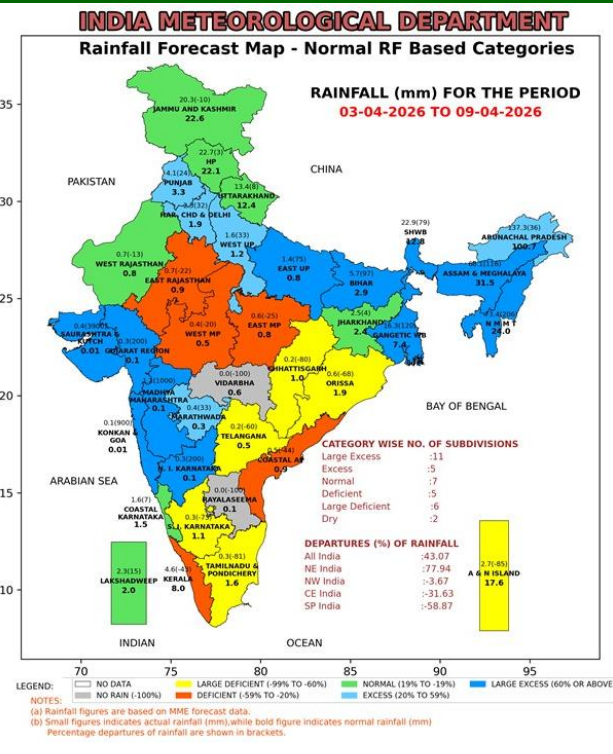
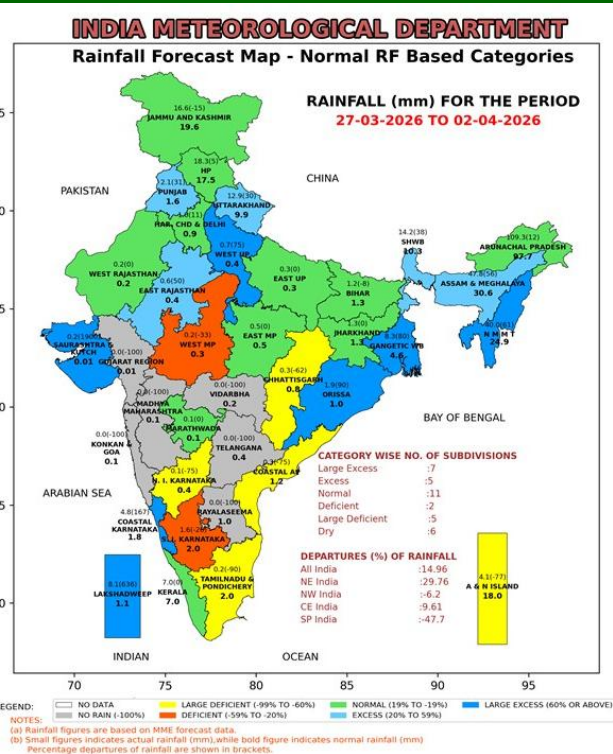
(12th to 25th March, 2026)



Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 25th March, 2026)

(27th March to 09th April, 2026)



- **Week 1 (27.03.2025 to 02.04.2026):** Rainfall activity is likely over Jammu & Kashmir, Himachal Pradesh and some parts of Gangetic West Bengal and adjoining areas of Odisha,

Uttarakhand and Kerala. Rainfall is likely to be above normal over North East India.

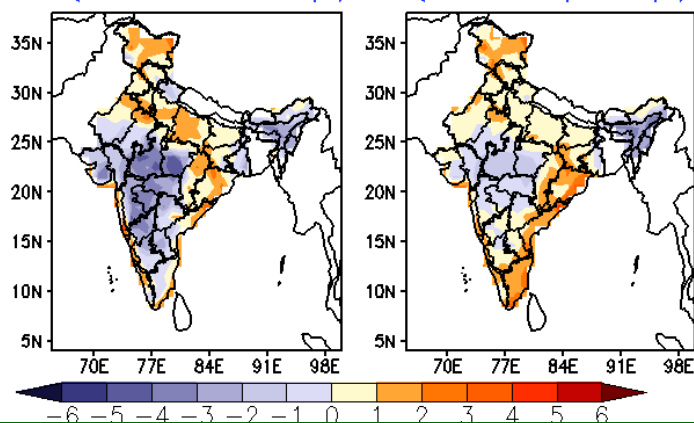
- **Week 2 (03.04.2025 to 09.04.2026):** Rainfall activity is likely over many parts of Jammu & Kashmir, Himachal Pradesh, Gangetic West Bengal and some parts of Bihar, Uttarakhand and Kerala. Rainfall is likely to be above normal over North East India.

**Maximum and Minimum temperature anomaly ($^{\circ}$ C) forecast
for the next 2 weeks (IC- 25th March, 2026)
(27th March to 09th April, 2026)**

MME forecast Tmax anomaly (Deg C)

(Week1: 27Mar-02Apr)

(Week2: 03Apr-09Apr)



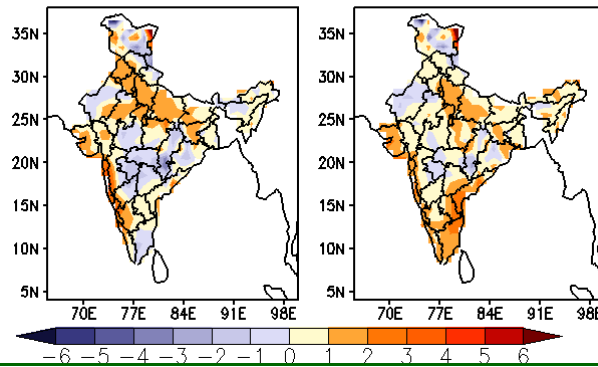
Maximum Temperature (Tmax)

- **Week 1 (27.03.2025 to 02.04.2026):** Maximum Temperature is likely to be above normal over many parts of North West India, East India, Chhattisgarh, Konkan & Goa, Coastal Karnataka, North Kerala, Coastal Andhra Pradesh & Yanam coastal regions of Tamil Nadu.
- **Week 2 (03.04.2025 to 09.04.2026):** Maximum temperature is likely to be above normal over many parts of North West India, East India, South India, Chhattisgarh and Konkan & Goa.

MME forecast Tmin anomaly (Deg C)

(Week1: 27Mar-02Apr)

(Week2: 03Apr-09Apr)



Minimum Temperature (Tmin)

- **Week 1 (27.03.2025 to 02.04.2026):** Minimum Temperature is likely to be above normal over many parts of North West India and some parts of Bihar, Jharkhand, Madhya Pradesh, Gujarat State, Konkan & Goa, Madhya Maharashtra, Coastal Karnataka & South Interior Karnataka.
- **Week 2 (03.04.2025 to 09.04.2026):** Minimum temperature is likely to be above normal over most parts of India except some parts of West Rajasthan, Marathwada and Chhattisgarh.