

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



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



Date: 17.04.2026

AGRO-ADVISORY BULLETIN FOR MANDYA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	14.04.2026	15.04.2026	16.04.2026	17.04.2026
Rainfall (mm)	0	0	0	0
Max. Temp. (°C)	35.4	35.5	35.9	35.8
Min. Temp. (°C)	22.8	23.1	23.1	22.6
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	95	-	82	85
Relative humidity (%) 1730 hours	-	-	-	-
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 18-04-2026 to 22-04-2026)

Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	3	4	0
Max. temp (°C)	37	38	37	38	37
Min.Temp (°C)	21	22	21	22	21
Sky condition (Octas)	3	2	4	4	2
Relative humidity (%) 0830 hours	62	64	63	62	63
Relative humidity (%) 1730 hours	28	27	29	28	27
Wind Speed (km/h)	4	4	6	4	6
Wind Direction	249	208	207	233	243

Forecast Summary

As forecast received from IMD, **light rainfall** may be expected from 18.04.2026 to 22.04.2026 in Mandya district. The day temperature is expected to be 37-38°C & night temperature is expected to be 21-22°C. The relative humidity in the morning hours is expected to be 62-64% & afternoon relative humidity is expected to be in the range of 27-29 %, Wind speed expected to be 4-6 km/ hr.

General Advisory:

- Provide life-saving irrigation to crops to prevent moisture stress.
- Practice mulching to conserve soil moisture and reduce soil temperature.
- Carry out spraying and fertilizer application during morning or evening hours only.
- Monitor and manage sucking pests (aphids, thrips, whiteflies) using neem-based products or traps.
- Ensure good drainage in fields to handle any sudden light rain.
- For horticulture crops, give basin irrigation and shade to young plants.
- Provide cool drinking water, shade, and ventilation for livestock and poultry.

SMS Advisory:

Hot and mostly dry weather. Irrigate crops, do mulching, avoid afternoon spraying, monitor sucking pests, ensure shade and water for livestock.

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	Early shoot borer, Pyrilla	Release Trichogramma chilonis @ 8 cards/acre; spray

		borer incidence		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)
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 and dry air causes stress	Heat stress, ectoparasites	Ensure ventilation; provide electrolytes; maintain dry litter

Block level weather forecast

Krishnarajpet

Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	0.1	2.8	0
Max. temp (°C)	37.7	37.2	36.6	36	35.5
Min.Temp (°C)	22.1	22.2	21.7	21.4	21.6
Sky condition (Octas)	4	2	1	1	1
Relative humidity (%) 0830 hours	81	81.2	87.6	87.3	88.2
Relative humidity (%) 1730 hours	15.1	18	19.4	21.3	21.8
Wind Speed (kmph)	4.5	6.5	6.6	7.7	7.2
Wind Direction	256	213.7	209.4	228.8	264.3

Maddur

Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	0	0.3	0
Max. temp (°C)	39.2	38.5	38.4	38	37.8
Min.Temp (°C)	23.5	23.5	23.1	22.9	23.2
Sky condition (Octas)	4	2	1	1	1
Relative humidity (%) 0830 hours	70.9	75.9	83.4	85.8	84.6
Relative humidity (%) 1730 hours	14.2	17.8	16.8	20.1	19.6
Wind Speed (kmph)	6.1	8.7	6.8	7.4	7.2
Wind Direction	225	209.7	198.4	223	233.1

Malvalli

Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	0.1	0.2	0
Max. temp (°C)	39.2	38.5	38.5	37.7	37.2
Min.Temp (°C)	23.1	22.6	21.9	22.9	23.2
Sky condition (Octas)	3	1	0	1	1
Relative humidity (%) 0830 hours	74.6	78.6	89.6	89.5	89.4
Relative humidity (%) 1730 hours	14	17.6	14.4	19.6	19.8
Wind Speed (kmph)	5.2	6	6.6	6.5	9
Wind Direction	254.1	197.4	192.5	236.3	241.4

Mandya

Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	0	0.2	0
Max. temp (°C)	39.2	38.6	38.2	37.9	37.8
Min.Temp (°C)	23.1	23.2	22.7	22.9	23.2
Sky condition (Octas)	4	2	1	1	1
Relative humidity (%) 0830 hours	72.1	77.3	83.7	86.7	84.8
Relative humidity (%) 1730 hours	14.3	17.6	17.2	20.5	19.1
Wind Speed (kmph)	6.6	9.4	7.6	7.9	7.5
Wind Direction	229.4	212.5	205.3	223.2	234.8

Nagamangala

Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
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Rainfall (mm)	0	0	0	0.2	0
Max. temp (°C)	37.7	37.2	36.7	36.2	36.2
Min.Temp (°C)	22.2	22.6	22.2	21.9	22.2
Sky condition (Octas)	4	2	1	1	1
Relative humidity (%) 0830 hours	75	76.4	84.1	85.7	85.3
Relative humidity (%) 1730 hours	14.8	18.9	18.5	21.3	19.7
Wind Speed (kmph)	5.3	7.8	6.8	7.9	7.1
Wind Direction	241.7	213.7	205.2	223.2	246

Pandavapura					
Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	0	0.1	0
Max. temp (°C)	38.4	37.9	37.5	36.9	36.8
Min.Temp (°C)	22.7	22.8	22.5	22.5	22.7
Sky condition (Octas)	4	2	1	1	1
Relative humidity (%) 0830 hours	79.4	81.8	84	86.3	86.1
Relative humidity (%) 1730 hours	15	17.6	18.2	20.3	20.2
Wind Speed (kmph)	7.4	8.8	8	9.2	8.4
Wind Direction	240.9	215	215.8	231.3	239

Shrirangapatna					
Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	0	0.2	0
Max. temp (°C)	38.6	38.1	37.7	37	37
Min.Temp (°C)	22.7	22.9	22.5	22.7	22.9
Sky condition (Octas)	4	2	1	1	1
Relative humidity (%) 0830 hours	80	81.9	84.4	86.4	85.9
Relative humidity (%) 1730 hours	14.4	17.4	17.6	20	20
Wind Speed (kmph)	7.7	8.8	7.9	9.2	8.7
Wind Direction	242.2	215	219.5	231.3	240.3

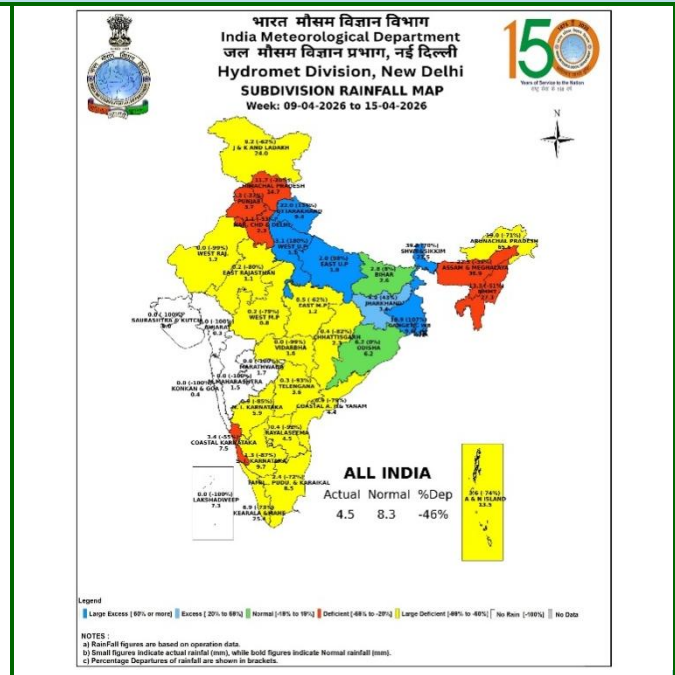
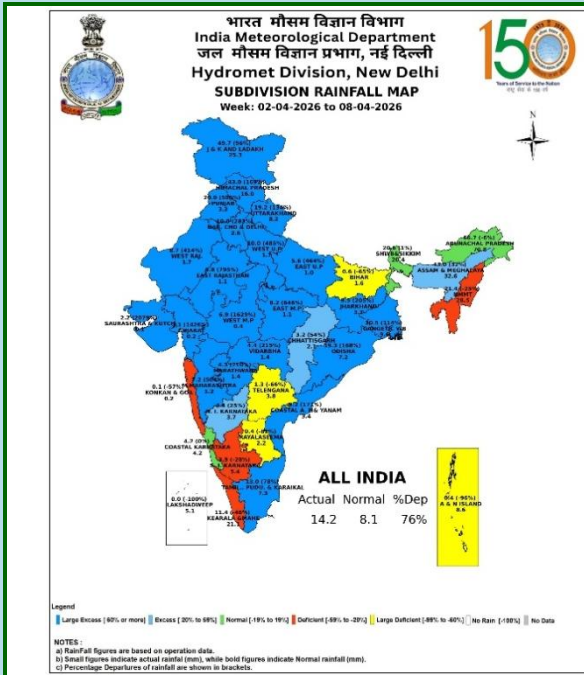
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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

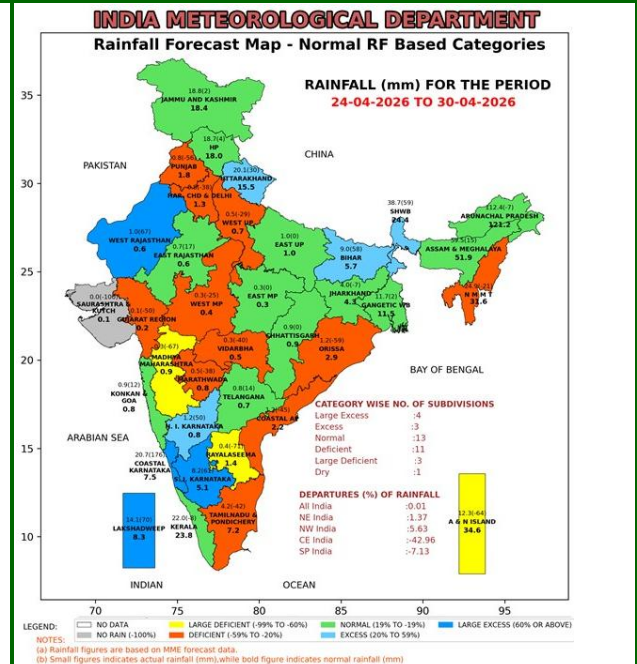
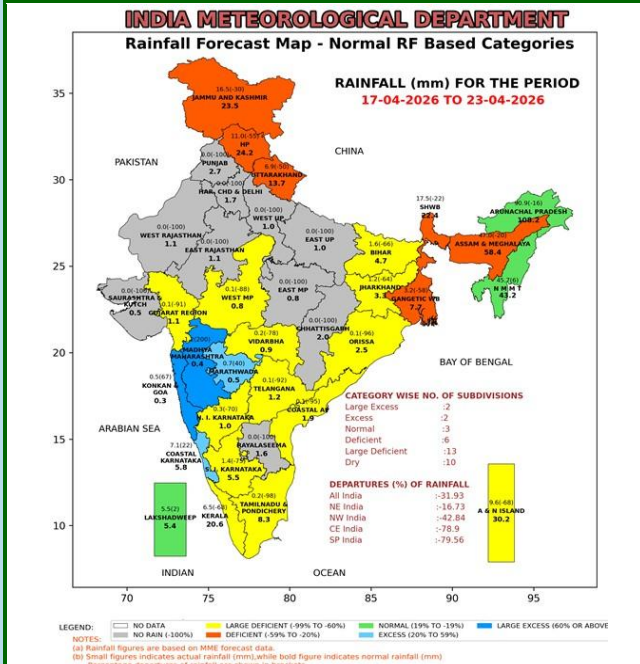
वास्तविकवर्षातथाविस्तारितअवधिपूर्वानुमान
Realized Rainfall and Extended Range Forecast
(वर्षाऔरतापमान)
(Rainfall and Temperature)

Realized Rainfall
(02nd to 15th April 2026)



Extended Range Forecast System

**Rainfall forecast maps for the next 2 weeks (IC- 15th April, 2026)
 (17th to 30th April, 2026)**



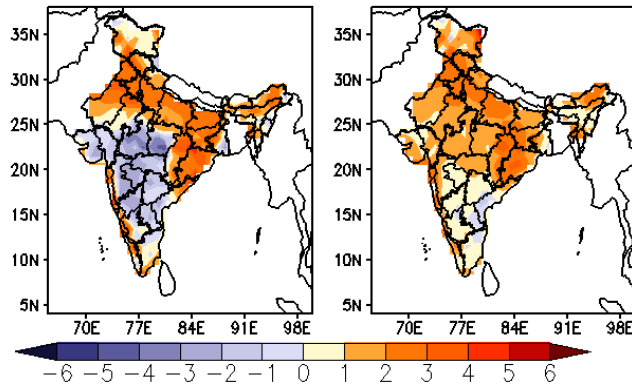
- **Week 1 (17.04.2025 to 23.04.2026):** Rainfall activity is likely over North East India and Jammu & Kashmir, in some parts of Himachal Pradesh and Coastal Karnataka and at isolated places over Uttarakhand and Northern Kerala.
- **Week 2 (24.04.2025 to 30.04.2026):** Rainfall activity is likely over North East India and Jammu & Kashmir, over many parts of Uttarakhand and West Bengal & Sikkim, in some parts of Himachal Pradesh, Bihar & South Karnataka and at isolated places over Jharkhand, Coastal Andhra Pradesh & Kerala.

**Maximum and Minimum temperature anomaly (C) forecast
 for the next 2 weeks (IC- 15th April, 2026)
 (17th to 30th April, 2026)**

MME forecast Tmax anomaly (Deg C)

(Week1: 17Apr-23Apr)

(Week2: 24Apr-30Apr)



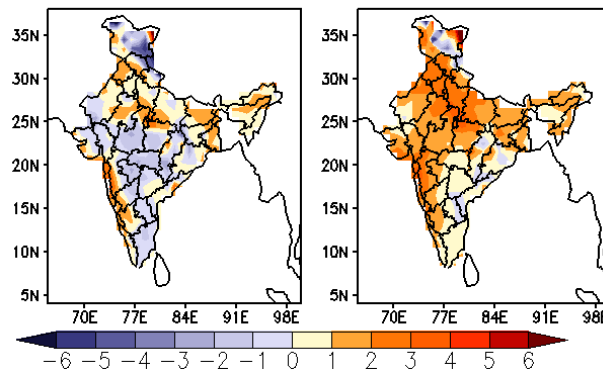
Maximum Temperature (Tmax)

- **Week 1 (17.04.2025 to 23.04.2026):**Maximum Temperature is likely to be above normal over North West India, East India, Chhattisgarh, Konkan&Goa and Coastal Karnataka; over many parts of Kerala & North Coastal Andhra Pradesh and in some parts of Tamil Nadu.
- **Week 2 (24.04.2025 to 30.04.2026):**Maximum temperature is likely to be above normal over the country except in some parts of Andhra Pradesh.

MME forecast Tmin anomaly (Deg C)

(Week1: 17Apr-23Apr)

(Week2: 24Apr-30Apr)



Minimum Temperature (Tmin)

- **Week 1 (17.04.2025 to 23.04.2026):**Minimum Temperature is likely to be above normal over many parts of North West India, East India, North East India and Konkan&Goa and in some parts of Madhya Maharashtra & Karnataka.
- **Week 2 (24.04.2025 to 30.04.2026):** Minimum temperature is likely to be above normal over the country except in some parts of Jammu & Kashmir.