

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



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



Date: 24.04.2026

AGRO-ADVISORY BULLETIN FOR CHAMARAJANAGARA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	21.04.2026	22.04.2026	23.04.2026	24.04.2026
Rainfall (mm)	-	-	-	-
Max. Temp. (°C)	-	-	-	-
Min. Temp. (°C)	-	-	-	-
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	-	-	-	-
Relative humidity (%) 1730 hours	-	-	-	-
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 25-04-2026 to 29-04-2026)

Parameter	25.04.2026	26.04.2026	27.04.2026	28.04.2026	29.04.2026
Rainfall (mm)	0	0	0	0	3
Max. Temp. (°C)	37	38	37	38	37
Min.Temp. (°C)	22	23	22	23	22
Sky condition (Octas)	4	3	2	3	5
Relative humidity (%) 08:30 hours	60	61	62	61	62
Relative humidity (%) 17:30 hours	25	27	28	27	26
Wind Speed (kmph)	4	6	6	6	4
Wind Direction	222	174	188	246	261

*GW - Gusty wind, TSH - Thunderstorm

Forecast Summary

As forecast received from IMD, **light rainfall may** be expected from **25.04.2026 to 29.04.2026** in Chamarajanagara district. The day temperature is expected to be 37-38°C & night temperature is expected 22-23°C. The relative humidity in the morning hours is expected to be 60-62% & afternoon relative humidity is expected to be in the range of 25-28% Wind speed expected to be 4-6 km/hr.

General Advisory:

- Provide light and frequent irrigation to reduce heat stress under high temperature conditions
- Adopt mulching using crop residues or plastic to conserve soil moisture
- Avoid field operations during peak afternoon hours to reduce crop stress
- Ensure proper drainage in all crops during the expected light rainfall period
- Avoid irrigation on days when rainfall occurs
- Carry out intercultivation after rainfall to break soil crust and improve aeration
- High morning humidity and low evening humidity conditions favor sucking pests such as aphids thrips and whiteflies
- There is a possibility of fungal diseases after rainfall therefore regular field monitoring is necessary
- Install pheromone traps and yellow sticky traps for pest monitoring
- Follow need based plant protection measures only
- Carry out spraying during morning or evening hours
- Avoid spraying during rainfall and windy conditions
- Wind conditions are suitable for spraying but care should be taken to avoid spray drift
- Provide staking or support for crops such as banana and vegetables
- Apply farmyard manure or organic manures to improve soil moisture retention
- Follow split application of fertilizers for better nutrient use efficiency
- Apply micronutrients such as zinc and boron through foliar spray to reduce stress
- Provide adequate shade and clean drinking water for livestock
- Avoid grazing during hot afternoon hours
- Supply mineral mixture and green fodder regularly
- Maintain proper ventilation in poultry sheds
- Provide clean and cool drinking water
- Avoid overcrowding to reduce heat stress

SMS Advisory:

High temperature with light rainfall expected. Provide light irrigation and ensure proper drainage. Monitor pests and diseases regularly. Take up spraying during morning or evening hours.

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
Paddy	Transplanting / Early vegetative	Maintain 2–3 cm water; avoid moisture stress; ensure drainage during light rains	Stem borer, Leaf folder, Blast	Pheromone traps (5/acre); Chlorantraniliprole 0.4 ml/L; Tricyclazole 0.6 g/L
Ragi (Finger)	Transplanting	Maintain soil	Shoot fly, Leaf	Root dip with Azospirillum +

Millet)		moisture; avoid transplanting during peak heat	spot	PSB; Imidacloprid 0.3 ml/L
Chilli	Vegetative to flowering	Light irrigation; reduce flower drop due to heat	Thrips, Mites, Leaf curl virus	Fipronil 1 ml/L or Spinosad 0.3 ml/L; Neem oil 2%
Tomato	Fruit development	Uniform irrigation to prevent cracking	Fruit borer, Early blight	Emamectin benzoate 0.4 g/L; Mancozeb 2 g/L
Pulses (Cowpea, Green gram, Black gram, Pigeon pea)	Vegetative stage	Maintain optimum moisture; avoid water stagnation during rainfall	Aphids, Whitefly, Pod borer	Imidacloprid 0.3 ml/L; Neem oil 2%; install bird perches; Spinosad 0.3 ml/L for pod borer
Groundnut	Vegetative	Maintain soil moisture; intercultivation	Leaf miner, Tikka leaf spot	Chlorpyrifos 2 ml/L; Mancozeb 2 g/L
Sugarcane	Tillering / Grand growth stage	Frequent irrigation due to high temp; earthing up to conserve moisture; ensure drainage during rainfall	Early shoot borer, Top borer, Pyrilla	Apply Chlorantraniliprole granules in whorls; release Trichogramma; spray Imidacloprid 0.3 ml/L for Pyrilla
Banana	Bunch development	Regular irrigation; provide propping support due to wind	Sigatoka leaf spot, Pseudostem weevil	Propiconazole 1 ml/L; Chlorpyrifos application in pseudostem
Coconut & Arecanut	Nut development	Basin formation; mulching to conserve moisture	Rhinoceros beetle, Red palm weevil	Neem cake application; pheromone traps; Chlorpyrifos in crown
Vegetables (Cabbage, Cauliflower)	Vegetative	Maintain drainage; avoid excess moisture during rainfall	Diamondback moth, Leaf spot	Spinosad 0.3 ml/L; Mancozeb 2 g/L

Block level weather forecast

Chamarajanagara

Parameter	25.04.2026	26.04.2026	27.04.2026	28.04.2026	29.04.2026
Rainfall (mm)	0	0	0	0	3
Max. temp (°C)	37.5	37.9	38.2	38.2	37.5
Min.Temp (°C)	22.9	23.4	22.9	22.7	22.2
Sky condition (Octas)	4	6	3	5	6
Relative humidity (%) 0830 hours	67.9	67.9	80.4	86.9	84.8
Relative humidity (%) 1730 hours	18.4	17.9	17.8	20.7	26.8
Wind Speed (kmph)	3.3	5.8	7.2	4.8	5.4
Wind Direction	173.7	180	174.3	243.4	270

Gundlupete

Parameter	25.04.2026	26.04.2026	27.04.2026	28.04.2026	29.04.2026
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Rainfall (mm)	0	0	0	0	3.6
Max. temp (°C)	36	36.7	37.5	37.5	36.7
Min.Temp (°C)	21.7	22.1	21.7	21.8	21.9
Sky condition (Octas)	4	6	3	4	7
Relative humidity (%) 0830 hours	63.5	71.7	81.7	86.3	84.5
Relative humidity (%) 1730 hours	21	20.2	17.5	21.3	28.3
Wind Speed (kmph)	3.7	4.7	6.1	6.9	5.4
Wind Direction	168.7	202.6	180	231.3	250.3

Kollegala

Parameter	25.04.2026	26.04.2026	27.04.2026	28.04.2026	29.04.2026
Rainfall (mm)	0.1	0	0	0	1.2
Max. temp (°C)	37.9	38.2	38.2	38.2	38.9
Min.Temp (°C)	22.9	23.7	23.1	23.7	23.6
Sky condition (Octas)	6	5	3	7	7
Relative humidity (%) 0830 hours	59.1	64.1	81	85	85.2
Relative humidity (%) 1730 hours	18	16.8	15	19.7	23.2
Wind Speed (kmph)	2.3	4.5	5.8	5.9	6.7
Wind Direction	161.6	208.6	201.8	232.4	254.5

Yelandur

Parameter	25.04.2026	26.04.2026	27.04.2026	28.04.2026	29.04.2026
Rainfall (mm)	0	0	0	0	3
Max. temp (°C)	37.7	37.8	38.1	38.2	37.5
Min.Temp (°C)	22.8	23.2	23	22.9	22.5
Sky condition (Octas)	4	6	3	5	6
Relative humidity (%) 0830 hours	67.8	68	80.2	86.9	85.4
Relative humidity (%) 1730 hours	18	17.7	17.5	20.8	26.9
Wind Speed (kmph)	2.2	5	6.5	4.8	5.4
Wind Direction	180	180	173.7	243.4	270

Hanur

Parameter	25.04.2026	26.04.2026	27.04.2026	28.04.2026	29.04.2026
Rainfall (mm)	0	0	0	0	3.1
Max. temp (°C)	36.6	36.7	37.2	37.5	37.1
Min.Temp (°C)	22	22.4	21.9	22.1	22
Sky condition (Octas)	4	6	3	6	6
Relative humidity (%) 0830 hours	69.3	68.9	76.3	87.6	87.2

Relative humidity (%) 1730 hours	20.3	19.1	18.2	21.6	27
Wind Speed (kmph)	3.7	5.4	5.8	3	4.3
Wind Direction	168.7	172.4	180	256	274.8

- 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

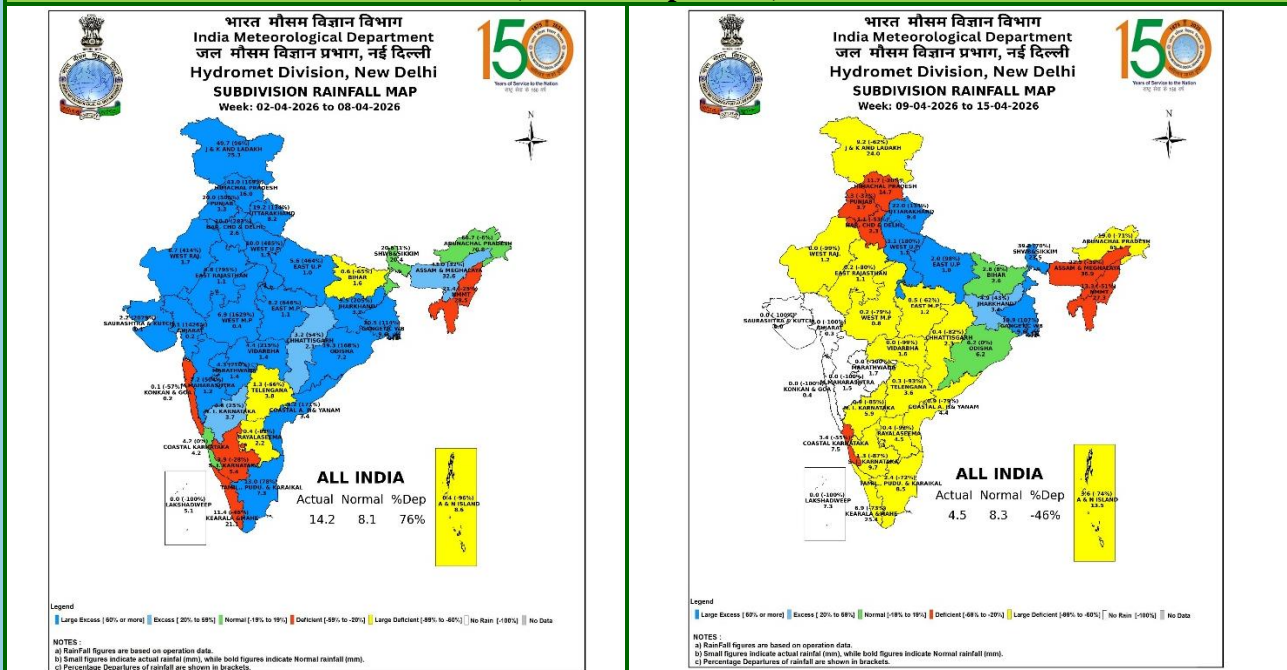
For any information farmers can contact **Dr.Umashankar Kumar, N.**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No. 0821-259126/ 9535345814.

**AMFU of IMD,
Naganahalli, Mysuru**

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

Realized Rainfall

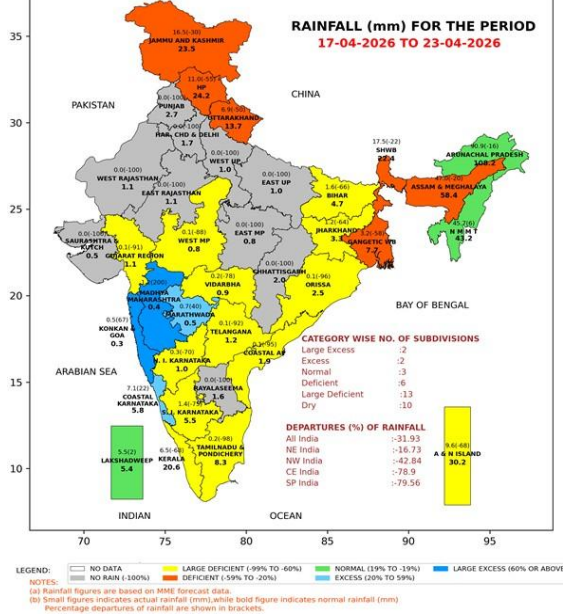
(02nd to 15th April 2026)



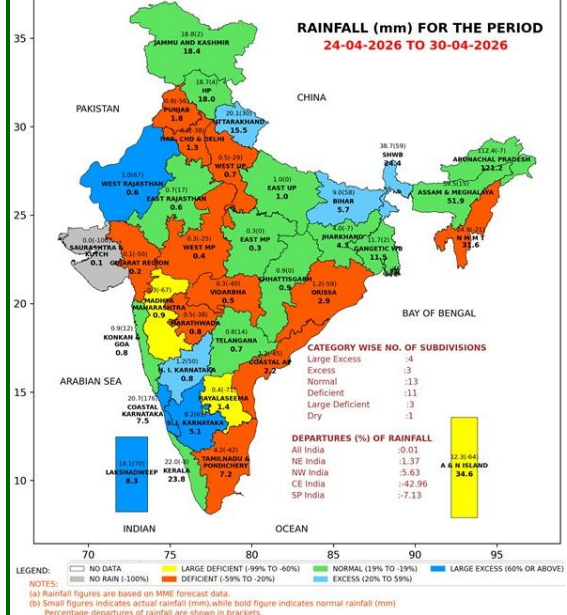
Extended Range Forecast System

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

INDIA METEOROLOGICAL DEPARTMENT
Rainfall Forecast Map - Normal RF Based Categories



INDIA METEOROLOGICAL DEPARTMENT
Rainfall Forecast Map - Normal RF Based Categories

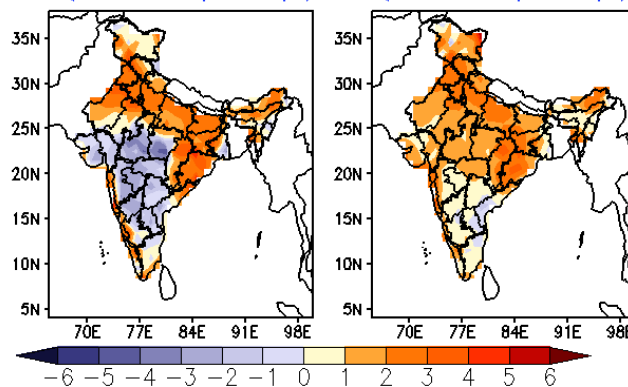


- **Week 1 (17.04.2025 to 23.04.2026):** Rainfall activity is likely over North East India and Jammu & Kashmir, in some parts of Himachal Pradesh and Coastal Karnataka and at isolated places over Uttarakhand and Northern Kerala.
- **Week 2 (24.04.2025 to 30.04.2026):** Rainfall activity is likely over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

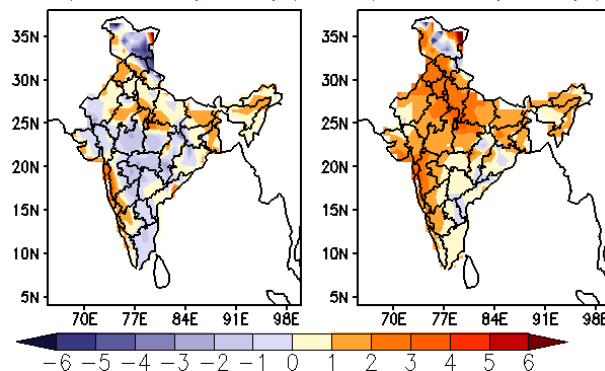


Maximum Temperature (Tmax)

- **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.