

**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 CHAMARAJANAGARA DISTRICT**

**Issued jointly by, UAS, Bengaluru & Indian Meteorological Department**

**Past Weather Data**

<b>Parameter</b>	<b>14.04.2026</b>	<b>15.04.2026</b>	<b>16.04.2026</b>	<b>17.04.2026</b>
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 18-04-2026 to 22-04-2026)**

<b>Parameter</b>	<b>18.04.2026</b>	<b>19.04.2026</b>	<b>20.04.2026</b>	<b>21.04.2026</b>	<b>22.04.2026</b>
Rainfall (mm)	0	0	0	2	0
Max. Temp. (°C)	37	38	37	38	37
Min.Temp. (°C)	21	22	21	22	21
Sky condition (Octas)	6	2	3	4	2
Relative humidity (%) 0830 hours	62	64	63	62	63
Relative humidity (%) 1730 hours	28	27	29	28	27
Wind Speed (kmph)	4	4	6	4	6
Wind Direction	233	172	90	360	281

\*GW - Gusty wind, TSH - Thunderstorm

**Forecast Summary**

As forecast received from IMD, **light rainfall may** be expected from **18.04.2026 to 22.04.2026** in Chamarajanagara district. The day temperature is expected to be 37-38°C & night temperature is expected 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
<b>Banana</b>	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
<b>Cabbage &amp; Cauliflower</b>	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
<b>Sugarcane</b>	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
<b>Vegetable crops (general)</b>	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)
<b>Chickpea</b>	Vegetative stage	Dry conditions favour early pod borer and root	Gram pod borer, dry root rot	Install pheromone traps @ 5/acre; spray Emamectin benzoate 0.4 g/L if larvae

		stress		noticed; avoid moisture stress
<b>Tomato</b>	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
<b>Coconut</b>	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 <i>Goniozus nephantidis</i> for BHC; maintain basin moisture
<b>Arecanut</b>	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
<b>Green gram, Cowpea &amp; Black gram</b>	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
<b>Sericulture</b>	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
<b>Livestock</b>	—	Dry and warm weather causes heat stress	Heat stress, ectoparasites	Provide shade and cool water; spray Deltamethrin 0.01% for ectoparasites
<b>Poultry</b>	—	High temperature and dry air causes stress	Heat stress, ectoparasites	Ensure ventilation; provide electrolytes; maintain dry litter

Crop / Sector	Crop Stage	Advisory (Crop Management, Pest & Disease)
<b>Banana</b>	Fruit development stage	Provide <b>regular irrigation</b> at 5–7 day intervals due to dry weather. Ensure <b>propping</b> to prevent lodging. Apply <b>potash-rich fertilizers</b> for better fruit filling. Monitor for <b>Sigatoka leaf spot</b> and <b>thrips</b> ; remove affected leaves and take need-based control measures.
<b>Cabbage &amp; Cauliflower</b>	Vegetative stage	Maintain <b>adequate soil moisture</b> through light irrigation. Carry out <b>top dressing of nitrogen</b> if needed. Monitor for <b>diamondback moth, aphids, and leaf webbers</b> . Use pheromone traps and adopt IPM practices.
<b>Sugarcane</b>	Vegetative stage	Irrigate at <b>7–10 day intervals</b> . Perform <b>earthing up and weeding</b> . Watch for <b>early shoot borer and pyrilla</b> ; adopt biological or chemical control if infestation crosses ETL.
<b>Vegetable Crops (General)</b>	Various stages	Ensure <b>timely irrigation</b> and adopt <b>mulching</b> to conserve soil moisture. Monitor for <b>aphids, whiteflies, thrips, mites, and leaf spot diseases</b> under moderate humidity. Follow integrated pest and disease management practices.
<b>Chickpea</b>	Vegetative stage	Provide <b>protective irrigation</b> if moisture stress is noticed. Monitor for <b>gram pod borer (Helicoverpa)</b> and <b>leaf miner</b> . Install pheromone traps and encourage natural enemies. Avoid excess nitrogen.
<b>Tomato</b>	Transplanting to fruit formation stage	Provide <b>frequent light irrigation</b> during transplanting and regular irrigation during fruiting. Stake plants properly. Monitor for <b>leaf curl virus (whitefly), thrips, and early blight</b> . Remove infected plants and take need-based control measures.
<b>Coconut</b>	Bearing stage	Carry out <b>basin irrigation</b> and apply <b>organic manures and fertilizers</b> . Monitor for <b>rugose spiralling whitefly, rhinoceros beetle, and leaf rot disease</b> . Follow integrated pest and disease management.
<b>Arecanut</b>	Nut	Ensure <b>regular irrigation</b> and apply <b>mulching</b> . Monitor for <b>mite</b>

	development stage	<b>infestation and koleroga (fruit rot)</b> in humid areas. Take preventive plant protection measures where disease history exists.
<b>Green gram, Cowpea &amp; Black gram</b>	Vegetative stage	Weather is suitable for <b>sowing under irrigated conditions</b> . Treat seeds with <b>biofertilizers and biocontrol agents</b> . Provide light irrigation after sowing. Monitor early-stage <b>sucking pests</b> .
<b>Sericulture</b>	Silkworm rearing stage	Maintain <b>optimum temperature (24–28°C)</b> and <b>relative humidity (70–80%)</b> inside rearing house. Ensure <b>good ventilation</b> during daytime. Use <b>fresh, disease-free mulberry leaves</b> . Monitor for <b>grasserie, flacherie, muscardine, and uzifly</b> ; follow strict hygiene and recommended disease prevention measures.
<b>Livestock</b>	—	Ensure <b>adequate drinking water</b> and protection from <b>cool night temperatures</b> . Maintain clean sheds and provide balanced feed with mineral mixture. Watch for respiratory stress during early mornings.
<b>Poultry</b>	—	Provide proper <b>ventilation during daytime</b> and protection from <b>cool nights</b> . Ensure clean drinking water and balanced feed. Follow routine vaccination and health management practices.

### Block level weather forecast

#### Chamarajanagara

Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	0.2	0.3	0
Max. temp (°C)	38.2	38	37.9	37.1	36.7
Min.Temp (°C)	22.2	22.1	21.6	22.2	22.4
Sky condition (Octas)	4	2	1	1	1
Relative humidity (%) 0830 hours	71.7	76.2	81.7	84.4	85.5
Relative humidity (%) 1730 hours	14.6	17.3	16.9	20.1	19.9
Wind Speed (kmph)	4.6	8	7	3.9	6.9
Wind Direction	218.7	174.8	168.1	291.8	297.9

#### Gundlupete

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)	37	36.5	36.7	36.2	36.1
Min.Temp (°C)	20.8	21	20.6	20.2	20.7
Sky condition (Octas)	4	2	1	1	1
Relative humidity (%) 0830 hours	72.7	79	86.3	89.1	88.9
Relative humidity (%) 1730 hours	16	19.4	18.7	20.1	20.9
Wind Speed (kmph)	5.4	6.5	7.2	4.6	5.7
Wind Direction	216.9	186.3	174.3	251.6	288.4

#### Kollegala

Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	0.2	0.3	0

<b>Max. temp (°C)</b>	38.9	38.1	38.2	37.1	36.7
<b>Min.Temp (°C)</b>	22.4	21.9	21.4	22.8	22.7
<b>Sky condition (Octas)</b>	3	1	0	1	1
<b>Relative humidity (%) 0830 hours</b>	76.6	77.2	84.6	89.3	89.6
<b>Relative humidity (%) 1730 hours</b>	15.1	18	14.8	21	21.9
<b>Wind Speed (kmph)</b>	4.1	5.9	6.3	4	7.9
<b>Wind Direction</b>	217.9	169.4	166.8	275.2	267.4

### Yelandur

<b>Parameter</b>	<b>18.04.2026</b>	<b>19.04.2026</b>	<b>20.04.2026</b>	<b>21.04.2026</b>	<b>22.04.2026</b>
<b>Rainfall (mm)</b>	0	0	0.4	0.2	0
<b>Max. temp (°C)</b>	38.2	37.8	37.9	37.1	36.6
<b>Min.Temp (°C)</b>	22.4	22.2	21.9	22.2	22.2
<b>Sky condition (Octas)</b>	4	2	1	1	1
<b>Relative humidity (%) 0830 hours</b>	71.5	72.9	80.8	84.6	85.4
<b>Relative humidity (%) 1730 hours</b>	15	18	17	20.8	20.7
<b>Wind Speed (kmph)</b>	4.1	7.2	6.3	3.9	6.3
<b>Wind Direction</b>	225	174.3	166.8	291.8	293.6

### Hanur

<b>Parameter</b>	<b>18.04.2026</b>	<b>19.04.2026</b>	<b>20.04.2026</b>	<b>21.04.2026</b>	<b>22.04.2026</b>
<b>Rainfall (mm)</b>	0	0	0.2	0.3	0
<b>Max. temp (°C)</b>	37.2	36.7	37	36.5	36
<b>Min.Temp (°C)</b>	21.6	21.5	21	21.5	21.5
<b>Sky condition (Octas)</b>	5	3	1	1	1
<b>Relative humidity (%) 0830 hours</b>	69.6	69.6	80.7	85	86.9
<b>Relative humidity (%) 1730 hours</b>	16.9	19.7	17.8	21.3	22
<b>Wind Speed (kmph)</b>	2.9	6.2	6.2	3.6	5.5
<b>Wind Direction</b>	209.7	173.3	173.3	306.9	293.2

- 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](http://mausam.imd.gov.in)

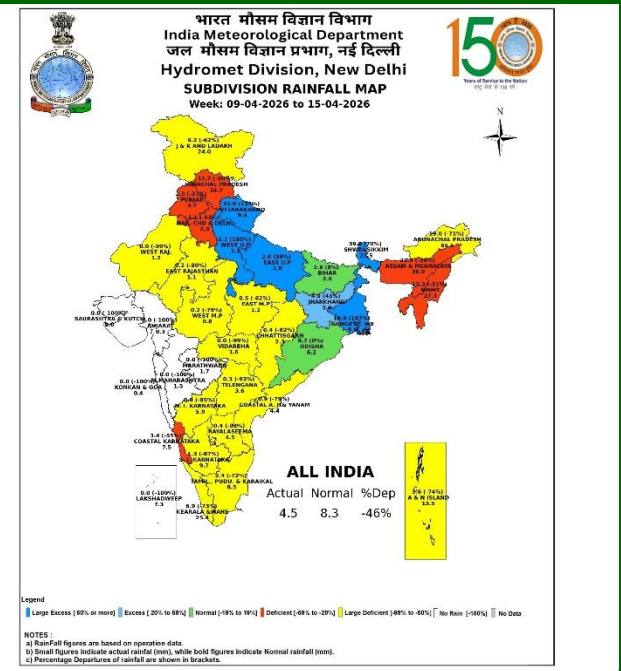
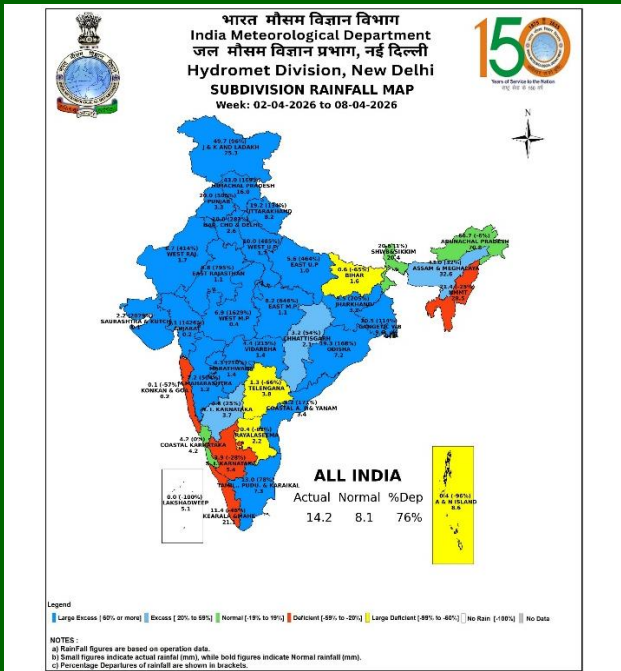
For any information farmers can contact **Dr.Umashankar Kumar, N.**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No. 0821-259126/ 9535345814.

**AMFU of IMD,**

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

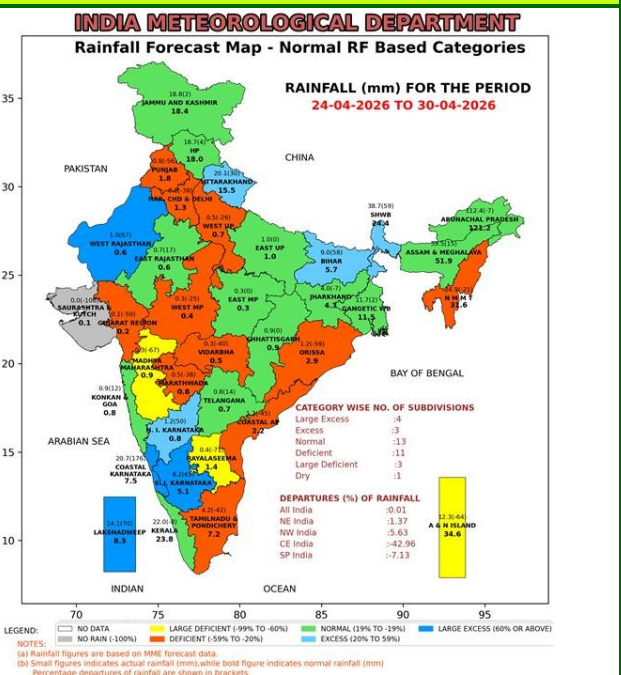
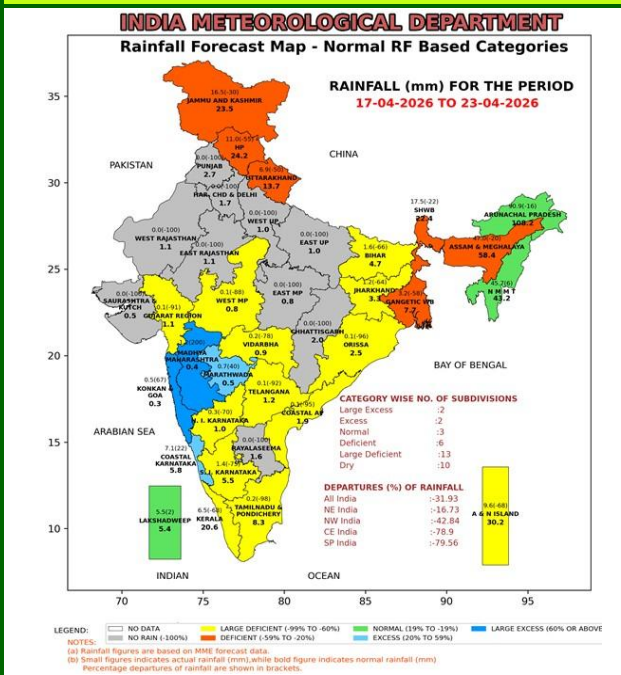
**Realized Rainfall**

(02<sup>nd</sup> to 15<sup>th</sup> April 2026)



**Extended Range Forecast System**

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



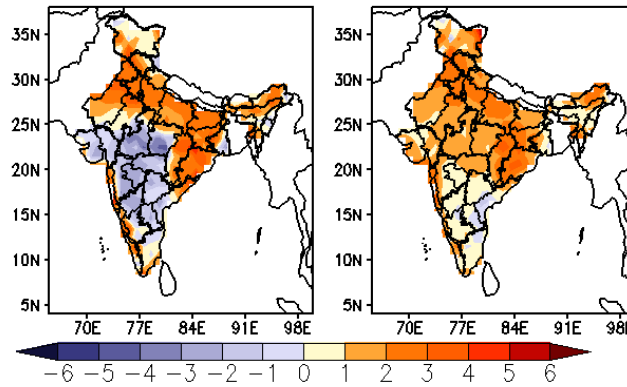
- **Week 1 (17.04.2025 to 23.04.2026):**Rainfall activity is likely over North East India and Jammu & Kashmir, in some parts of Himachal Pradesh and Coastal Karnataka and at isolated places over Uttarakhand and Northern Kerala.
- **Week 2 (24.04.2025 to 30.04.2026):**Rainfall activity is likely over 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- 15<sup>th</sup> April, 2026)  
(17<sup>th</sup> to 30<sup>th</sup> April, 2026)**

### MME forecast Tmax anomaly (Deg C)

(Week1: 17Apr-23Apr)

(Week2: 24Apr-30Apr)



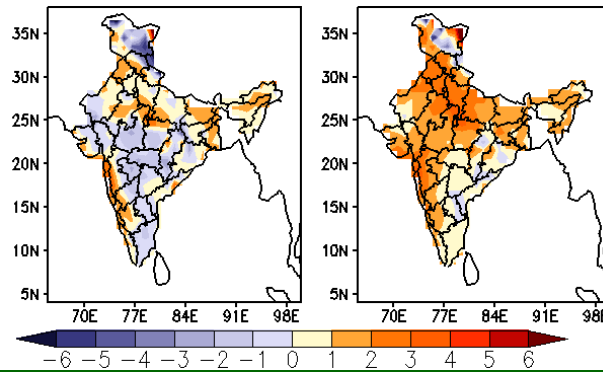
#### Maximum Temperature (Tmax)

- **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.