

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



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



Date: 15.05.2026

AGRO-ADVISORY BULLETIN FOR CHAMARAJANAGARA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	12.05.2026	13.05.2026	14.05.2026	15.05.2026
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 16-05-2026 to 20-05-2026)

Parameter	16.05.2026	17.05.2026	18.05.2026	19.05.2026	20.05.2026
Rainfall (mm)	5	15	10	7	5
Max. Temp. (°C)	35	34	35	35	35
Min.Temp. (°C)	21	22	21	21	21
Sky condition (Octas)	6	7	7	6	5
Relative humidity (%) 08:30 hours	70	71	72	71	70
Relative humidity (%) 17:30 hours	53	52	54	53	52
Wind Speed (kmph)	6	8	6	4	6
Wind Direction	286	207	264	295	360

*GW - Gusty wind, TSH - Thunderstorm

Forecast Summary

As forecast received from IMD, light rainfall is likely to occur in the district during the next five days, with comparatively higher rainfall expected on 17th and 18th May 2026 in Chamarajanagara district. The day temperature is expected to be 34-35°C & night temperature is expected 21-22°C. The relative humidity in the morning hours is expected to be 70-72% & afternoon relative humidity is expected to be in the range of 52-54% Wind speed expected to be 4-8 km/hr.

General Advisory:

- **Land Preparation:** Utilize the upcoming wet spell to undertake summer ploughing and primary tillage; the soil moisture will be ideal for preparing the land for the upcoming cropping season.
- **Sowing Operations:** Begin sowing rain-fed crops like Ragi, Maize, and pulses as the soil moisture levels will support healthy germination.
- **Drainage Management:** Ensure that drainage channels in fields of Ginger, Turmeric, and vegetables are clear and functional to prevent water stagnation and root-related diseases.
- **Input Application:** Postpone all chemical spraying and top-dressing of fertilizers; the frequent rainfall will wash away these inputs, making them ineffective and increasing costs.
- **Disease Vigilance:** Monitor crops closely for fungal infections, as the combination of warm weather and high humidity creates a high-risk environment for leaf spots and blights.
- **Livestock Management:** Keep cattle sheds dry and clean to prevent hoof infections and protect livestock from the heat during the day and potential thundershowers in the evening.

SMS Advisory:

"Farmers are advised to utilize the forecasted rains for land preparation and sowing of Kharif crops while ensuring proper drainage in fields to avoid rot and postponing all chemical sprays and fertilizer applications until the weather clears."

Crops and Suitable Varieties for Sowing in May

- **Ragi:** Indaf-9, GPU-45, GPU-48.
- **Shaktiman Maize:** CSV-4, CSH-5, CSH-9.
- **Maize:** Hema, Nityashree, MAH-14-5, MAH-14-138, MAH-15-184.
- **Popcorn:** Amber.
- **Minor Millets:** Foxtail Millet (SIA-326), Little Millet (CO-2, OLM-203), Proso Millet (GPUB-8, GPUB-21), Barnyard Millet (DHBM-93-3), Browntop Millet (GPUBT-2).
- **Red Gram (Tur):** BRG-1, 2, 3, 4, 5; ICP-7035, TTB-7, Hyderabad-32.
- **Green Gram (Moong):** PS-16, Pusa Baisakhi, PDM-84-178, KKM-3.
- **Black Gram (Urad):** Karagaon-3, T-9, Rashmi (LBG-625), LBG-791 (Suraksha).
- **Cowpea:** VNS-944-02-E, KBC-1, KBC-2, KM-9, KM-5, KC-8 (KBC-11), CTCC-6.
- **Groundnut:** GKVK-5, KCG-6 (Chintamani-6), GPBD-4, ICGV-91114, JL-24, TMV-2, GKVK-27.
- **Castor:** DCS-9 (Jyoti), 48-1 (Jwala); **Hybrids:** DCH-177, GCH-4.
- **Sesame:** GT-1, Navile-1 (Tunga), TMV-3, T-7, GKVK-1.
- **Horticultural Crops:** Banana, Arecanut, Chilli, Turmeric, Potato, Ginger.
- **Fodder Crops:** Fodder Jowar (J-Set-3), Fodder Cowpea (MFC-09-01, MFC-08-14, MFC-09-03), Bajra-Napier Grass (PBN-342).

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 Millet)	Transplanting	Maintain soil moisture; avoid transplanting during peak heat	Shoot fly, Leaf spot	Root dip with Azospirillum + 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	16.05.2026	17.05.2026	18.05.2026	19.05.2026	20.05.2026
Rainfall (mm)	0.9	9.3	15.4	5.8	1.2
Max. temp (°C)	34.5	33.2	33.8	32.9	32.7
Min.Temp (°C)	23.1	22.9	22.7	23.1	23.1
Sky condition (Octas)	8	8	7	7	6
Relative humidity (%) 0830 hours	83.1	91.9	88.5	86.2	86.1
Relative humidity (%) 1730 hours	37	41.7	40.1	45.8	50.8
Wind Speed (kmph)	5.2	6	5.8	5.8	8.6
Wind Direction	254.1	237.3	266.4	273.6	255.4

Gundlupete

Parameter	16.05.2026	17.05.2026	18.05.2026	19.05.2026	20.05.2026
Rainfall (mm)	1.5	10.5	8.2	3.7	0.8
Max. temp (°C)	33.1	31.8	33	32.2	31.2
Min.Temp (°C)	22.1	22.1	22.1	22.5	22.6
Sky condition (Octas)	7	7	6	7	7
Relative humidity (%) 0830 hours	87.5	89	87.6	87.4	86.6
Relative humidity (%) 1730 hours	42.2	43.2	40.6	47	52.2
Wind Speed (kmph)	8.1	4.8	6.9	5.8	11.4
Wind Direction	249.1	243.4	264	262.9	257.3

Kollegala

Parameter	16.05.2026	17.05.2026	18.05.2026	19.05.2026	20.05.2026
Rainfall (mm)	1.1	9.2	7.4	7.2	7.5
Max. temp (°C)	35.2	34.9	37.2	35.7	34.9
Min.Temp (°C)	23.9	24	23.5	24.4	24.1
Sky condition (Octas)	8	7	7	7	7
Relative humidity (%) 0830 hours	81.4	87.8	87.6	87.4	84.8
Relative humidity (%) 1730 hours	32.7	32	28	38.6	44.3
Wind Speed (kmph)	7.1	7.8	7.2	10.4	9.4
Wind Direction	239.5	248.2	264.3	249.7	252.3

Yelandur

Parameter	16.05.2026	17.05.2026	18.05.2026	19.05.2026	20.05.2026
Rainfall (mm)	1.2	8.7	13.4	5.2	4
Max. temp (°C)	34.7	32.7	34.2	33.1	33
Min.Temp (°C)	23.1	22.7	22.4	22.9	23
Sky condition (Octas)	8	8	7	7	6
Relative humidity (%) 0830 hours	82.9	91.3	89.1	86.9	86.8
Relative humidity (%) 1730 hours	34.1	42.9	39.5	46.6	49.2
Wind Speed (kmph)	5.4	6.6	5.8	6.5	8.8
Wind Direction	250.3	240.6	262.9	266.8	258.2

Hanur

Parameter	16.05.2026	17.05.2026	18.05.2026	19.05.2026	20.05.2026
Rainfall (mm)	1	7.6	12.2	4.8	3.8
Max. temp (°C)	34.5	32.7	33.7	32.8	32.7
Min.Temp (°C)	22.5	21.9	21.6	22.4	22.2
Sky condition (Octas)	8	8	7	7	7
Relative humidity (%) 0830 hours	85.8	91.1	93.6	90.6	87.1
Relative humidity (%) 1730 hours	35.7	40.4	41.6	45.5	48.8
Wind Speed (kmph)	5.4	5.5	5.4	7.2	6.2
Wind Direction	266.2	258.7	273.8	264.3	263.3

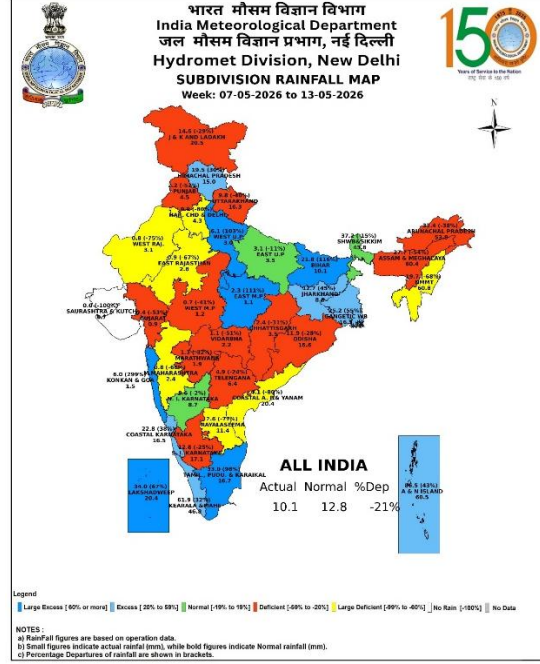
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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**

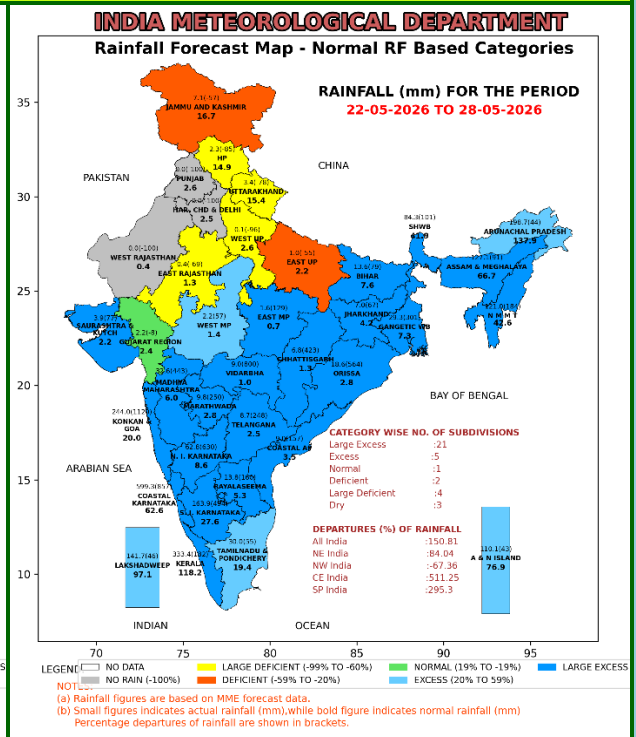
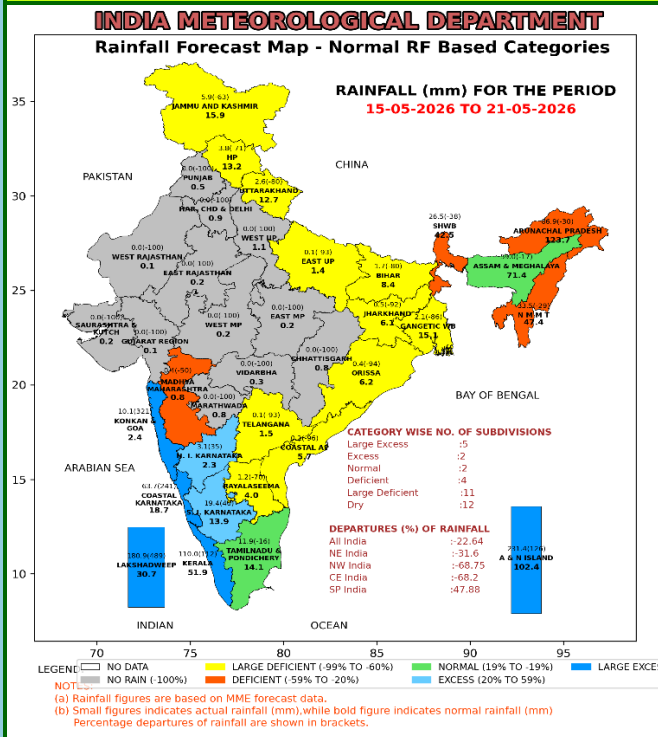
वास्तविकवर्षातथाविस्तारितअवधिपूर्वानुमान
Realized Rainfall and Extended Range Forecast
 (वर्षाऔरतापमान)
 (Rainfall and Temperature)

Realized Rainfall
 (30th April to 13th May 2026)



Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 13th May, 2026)
(15th to 28th May 2026)



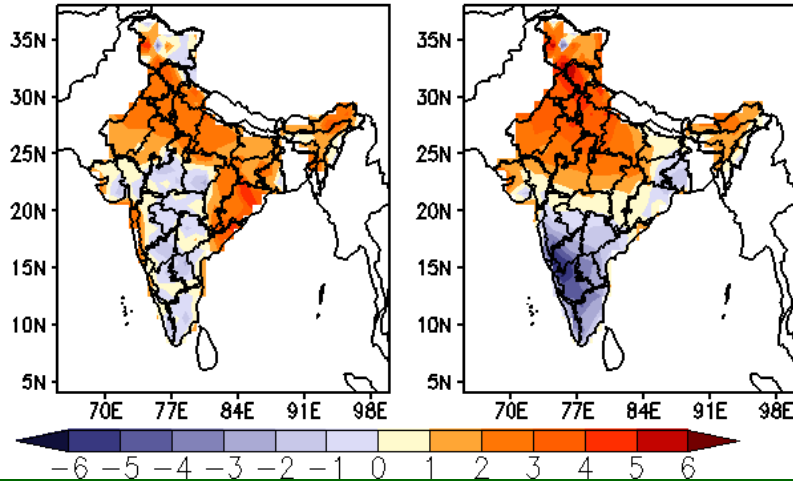
- **Week 1 (15.05.2026 to 21.05.2026):** Rainfall is likely to be above normal overof Kerala and coastal regions Karnataka.Rainfall activity is also likely over North East India, Sub-Himalayan West Bengal & Sikkim, South Interior Karnataka and overisolated areas of Jammu & Kashmir, and Himachal Pradesh.
- **Week 2 (22.05.2026 to 28.05.2026):** Rainfall is likely to be above normal over Kerala, Karnataka and coastal regions of Maharashtra. Rainfall activity is also likely over South India, Maharashtra, southern part of Chhattisgarh, many parts of East India& North East India,some parts of Jammu & Kashmir and isolated areas in Himachal Pradesh.

Maximum and Minimum temperature anomaly (°C) forecast
for the next 2 weeks (IC-13th May, 2026)
(15th to 28th May 2026)

MME forecast Tmax anomaly (Deg C)

(Week1: 15May–21May)

(Week2: 22May–28May)



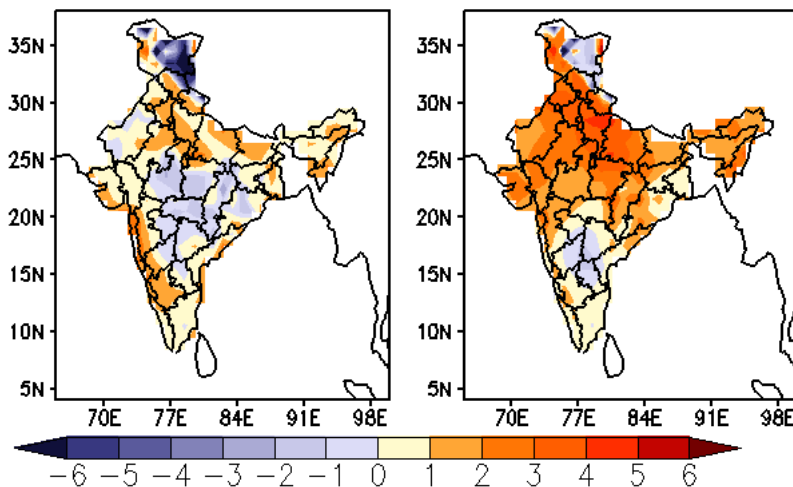
Maximum Temperature (Tmax)

- **Week 1 (15.05.2026 to 21.05.2026):** Maximum temperature is likely to be above normal over North West India, Chhattisgarh, northern part of Coastal Andhra Pradesh, East India and many parts of North East India.
- **Week 2 (22.05.2026 to 28.05.2026):** Maximum temperature is likely to be above normal over North West India, Central India, Gujarat State and many parts of North East India.

MME forecast Tmin anomaly (Deg C)

(Week1: 15May–21May)

(Week2: 22May–28May)



Minimum Temperature (Tmin)

- **Week 1 (15.05.2026 to 21.05.2026):** Minimum Temperature is likely to be above normal over many parts of North West India, Gujarat state, Konkan & Goa, Madhya Maharashtra, North East India and many parts of East & South India.
- **Week 2 (22.05.2026 to 28.05.2026):** Minimum temperature is likely to be above normal over most parts of the country except in some parts of Jammu & Kashmir, Telangana, North Interior Karnataka and Rayalaseema.