

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



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



Date: 19.05.2026

AGRO-ADVISORY BULLETIN FOR CHAMARAJANAGARA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	16.05.2026	17.05.2026	18.05.2026	19.05.2026
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 20-05-2026 to 24-05-2026)

Parameter	20.05.2026	21.05.2026	22.05.2026	23.05.2026	24.05.2026
Rainfall (mm)	10	8	7	5	5
Max. Temp. (°C)	32	32	31	32	32
Min.Temp. (°C)	22	22	21	22	22
Sky condition (Octas)	7	7	6	6	6
Relative humidity (%) 08:30 hours	88	88	87	87	90
Relative humidity (%) 17:30 hours	68	69	67	68	69
Wind Speed (kmph)	6	6	6	6	6
Wind Direction	266	255	265	274	275

*GW - Gusty wind, TSH – Thunderstorm

Forecast Summary

As forecast received from IMD, Light rainfall is expected during the next five days, with rainfall gradually decreasing from 10 mm on 20th May to 5 mm by 24th May in Chamarajanagara district. The day temperature is expected to be 31-32°C & night temperature is expected 21-22°C. The relative humidity in the morning hours is expected to be 87-90% & afternoon relative humidity is expected to be in the range of 67-69% Wind speed expected to be 6 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
Field bean	Sowing stage	Due to forecast of light to moderate rainfall, take up sowing in well-drained fields. Ensure proper drainage to avoid water stagnation and seed rot.	Seed rot, damping off, leaf eating caterpillars	Treat seeds with Trichoderma viride @ 4 g/kg seed before sowing. Install bird perches and monitor early pest incidence.
Cowpea	Sowing stage	Utilize available soil moisture for sowing. Avoid excess irrigation	Root rot, aphids, leaf spot	Seed treatment with bioagents. Spray Neem Seed Kernel Extract (NSKE) 5%

		during rainy conditions. Maintain proper spacing for aeration.		against sucking pests if noticed.
Black gram	Sowing stage	Complete sowing operations taking advantage of rainfall. Ensure drainage in low-lying areas.	Yellow mosaic disease, stem fly	Use disease-free seeds and install yellow sticky traps for vector management. Spray neem-based insecticide if needed.
Green gram	Sowing stage	Light rainfall is favorable for germination. Avoid water stagnation in nursery or field.	Leaf spot, whitefly, seedling rot	Seed treatment with Rhizobium and Trichoderma. Monitor whitefly population regularly.
Red gram	Sowing stage	Continue sowing under conserved soil moisture. Adopt broad bed and furrow system in heavy soils.	Wilt, pod borer (early incidence)	Treat seeds with Trichoderma and apply neem cake in soil. Install pheromone traps for pod borer monitoring.
Maize	Vegetative stage	Intercultural operations and earthing up may be taken up after rainfall cessation. Ensure proper drainage.	Fall armyworm, leaf blight	Install pheromone traps for fall armyworm. Spray recommended biopesticides or Emamectin benzoate if infestation crosses ETL.
Chilli	Flowering stage	Maintain field sanitation and avoid moisture stress. Excess humidity may favor disease development.	Thrips, mites, powdery mildew, fruit rot	Spray neem oil 3 ml/l or recommended insecticide against thrips and mites. Spray wettable sulphur for powdery mildew.
Tomato	Flowering to fruit stage	Provide staking and drainage to avoid fruit rot during rainy weather. Avoid overhead irrigation.	Early blight, fruit borer, bacterial wilt	Spray Copper oxychloride or Mancozeb for fungal diseases. Install pheromone traps for fruit borer management.
Tobacco	Transplanting stage	Transplant during evening hours utilizing available soil moisture. Avoid transplanting in waterlogged fields.	Damping off, cutworms	Drench nursery with Trichoderma solution. Apply neem cake and monitor cutworm incidence.
Ginger	Vegetative stage	Carry out earthing up and mulching after rainfall. Maintain drainage channels to avoid rhizome rot.	Rhizome rot, leaf spot	Drench soil with Bordeaux mixture or Copper oxychloride around clumps. Remove infected plants immediately.
Paddy	Tillering to panicle initiation stage	Light to moderate rainfall is favorable. Maintain optimum water level (2–5 cm) and undertake weeding and top dressing after rainfall.	Leaf folder, stem borer, blast disease	Install pheromone traps for stem borer. Spray Tricyclazole for blast if symptoms appear. Apply balanced fertilizers as per recommendation.

Block level weather forecast					
Chamarajanagara					
Parameter	20.05.2026	21.05.2026	22.05.2026	23.05.2026	24.05.2026
Rainfall (mm)	4.1	0.3	1	0.6	0.2
Max. temp (°C)	30	30.9	32.2	33.2	32.7
Min.Temp (°C)	22.2	21.9	21.9	22.1	22
Sky condition (Octas)	8	6	7	4	5
Relative humidity (%) 0830 hours	88	85.7	85.2	86	86.5
Relative humidity (%) 1730 hours	56.7	48.5	46.8	40.8	43
Wind Speed (kmph)	5.9	7.2	11.5	13	14.4
Wind Direction	232.4	252.5	266.4	266.8	270

Gundlupete					
Parameter	20.05.2026	21.05.2026	22.05.2026	23.05.2026	24.05.2026
Rainfall (mm)	4	0.2	1	0.6	0.1
Max. temp (°C)	28.2	29.1	30.5	31.5	31.2
Min.Temp (°C)	21.5	21.1	21.4	21.8	21.7
Sky condition (Octas)	8	6	6	4	6
Relative humidity (%) 0830 hours	88.6	85.2	83.8	85	85.5
Relative humidity (%) 1730 hours	61.9	55.2	50.6	44	47.6
Wind Speed (kmph)	6.5	8.1	14.2	15.7	18.1
Wind Direction	236.3	249.1	262.7	259.5	265.4

Kollegala					
Parameter	20.05.2026	21.05.2026	22.05.2026	23.05.2026	24.05.2026
Rainfall (mm)	6	0.4	1.8	0	0.9
Max. temp (°C)	30.9	33.2	34.7	35.8	34.9
Min.Temp (°C)	22.9	22.8	23.1	23.7	23.7
Sky condition (Octas)	8	6	6	3	5
Relative humidity (%) 0830 hours	87.6	88.8	88.3	87	85.6
Relative humidity (%) 1730 hours	54.2	45	46.5	35.2	37.8
Wind Speed (kmph)	8.7	10.3	13.8	16.7	19.8
Wind Direction	231.7	257.9	264	262.6	259.5

Yelandur

Parameter	20.05.2026	21.05.2026	22.05.2026	23.05.2026	24.05.2026
Rainfall (mm)	4.8	0.2	1.6	0.8	0.6
Max. temp (°C)	30.2	30.9	32.5	33.4	32.6
Min.Temp (°C)	22.2	22	21.9	22.1	22.1
Sky condition (Octas)	8	7	7	4	5
Relative humidity (%) 0830 hours	87.8	86.1	85.8	86.1	86.7
Relative humidity (%) 1730 hours	54.7	48.6	45.6	40.8	43.1
Wind Speed (kmph)	5.9	8	11.2	12.7	14.1
Wind Direction	232.4	251.6	264.5	263.5	265.6

Hanur

Parameter	20.05.2026	21.05.2026	22.05.2026	23.05.2026	24.05.2026
Rainfall (mm)	7.4	1.2	2.4	0.8	1.1
Max. temp (°C)	29.5	30.7	32.1	32.9	32.1
Min.Temp (°C)	21.5	21.2	21.2	21.5	21.7
Sky condition (Octas)	8	7	6	4	5
Relative humidity (%) 0830 hours	92.8	90.2	88.2	87	87.1
Relative humidity (%) 1730 hours	58.6	49.5	47	40	45.1
Wind Speed (kmph)	3.9	6.1	8.6	10.1	14.2
Wind Direction	248.2	266.6	272.4	268	262.7

- 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

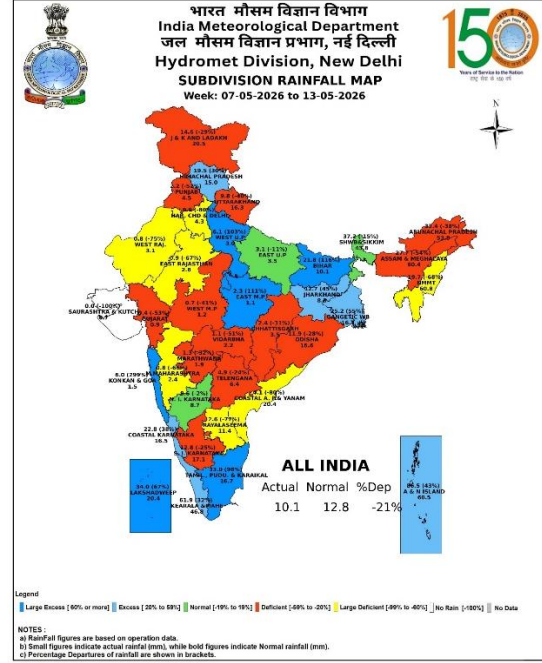
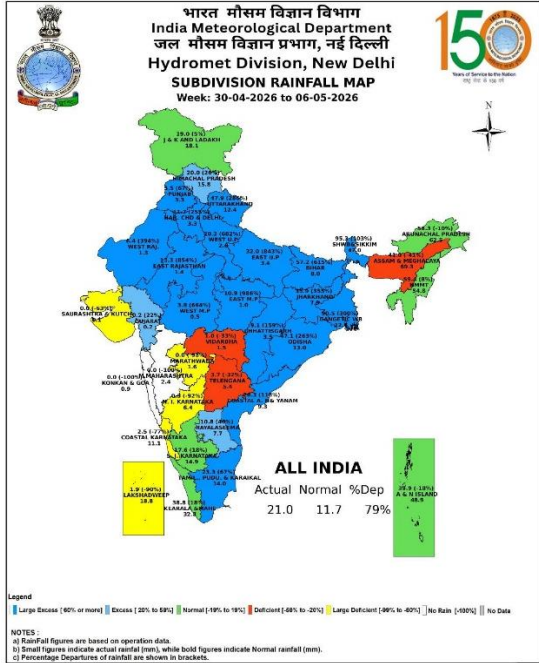
For any information farmers can contact **Dr.Umashankar Kumar, N.**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No. 0821-259126/ 9535345814.

**AMFU of IMD,
Naganahalli, Mysuru**

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

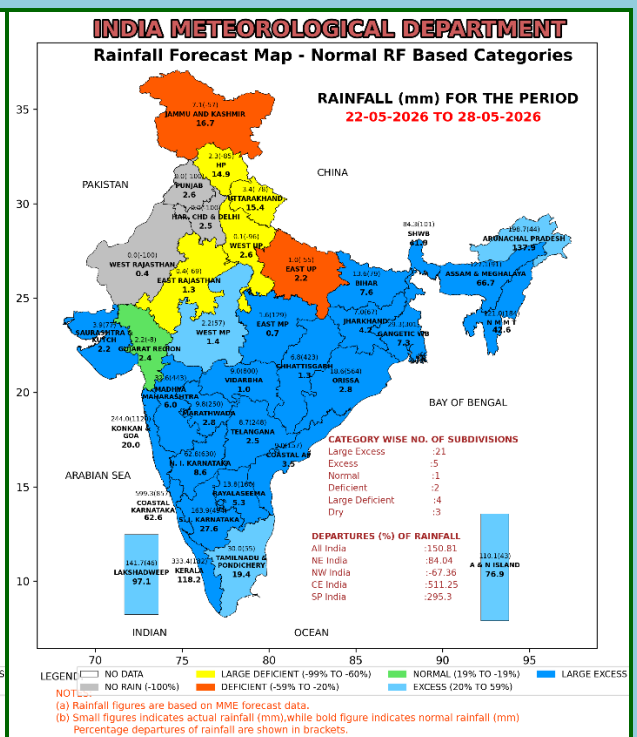
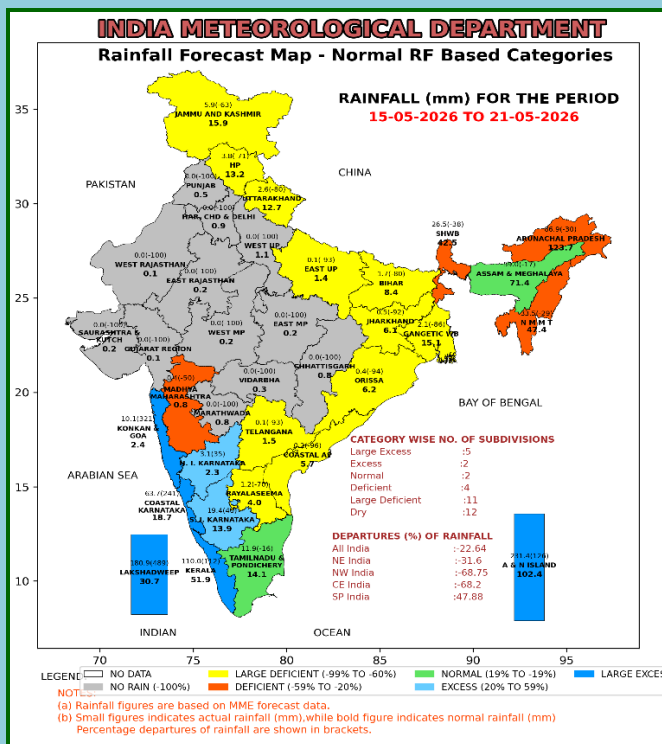
Realized Rainfall

(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)



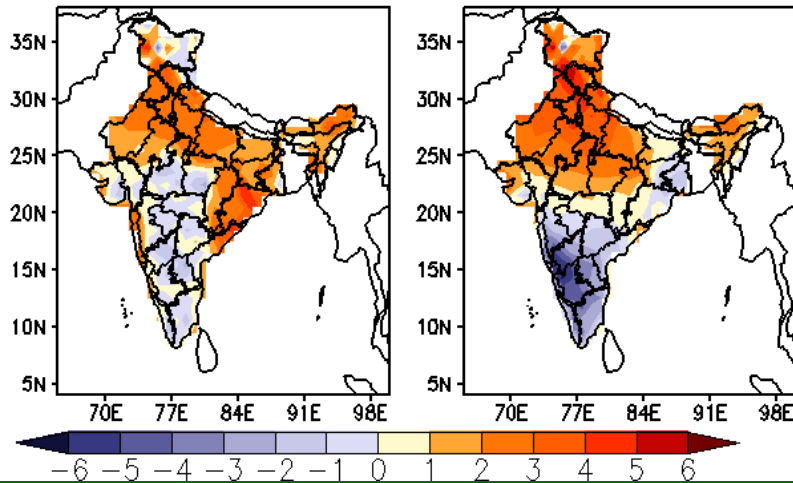
- Week 1 (15.05.2026 to 21.05.2026):** Rainfall is likely to be above normal overof Kerala and coastal regions Karnataka.Rainfall activity is also likely over North East India, Sub-Himalayan West Bengal & Sikkim, South Interior Karnataka and overisolated areas of Jammu &Kashmir, and Himachal Pradesh.
- 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)



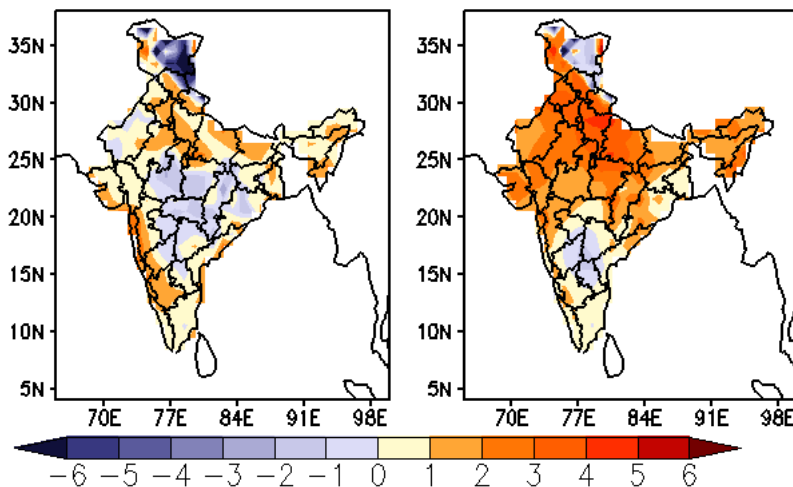
Maximum Temperature (Tmax)

- **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.