

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



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



Date: 22.05.2026

AGRO-ADVISORY BULLETIN FOR MANDYA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	19.05.2026	20.05.2026	21.05.2026	22.05.2026
Rainfall (mm)	0	0	0	0
Max. Temp. (°C)	34.6	26.4	32.6	32.8
Min. Temp. (°C)	22.7	22.4	16.7	17.1
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	-	99	99	90
Relative humidity (%) 1730 hours	43	52	-	-
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 23-05-2026 to 27-05-2026)

Parameter	23.05.2026	24.05.2026	25.05.2026	26.05.2026	27.05.2026
Rainfall (mm)	2	10	15	10	8
Max. temp (°C)	34	34	33	34	34
Min.Temp (°C)	22	22	21	22	22
Sky condition (Octas)	6	7	7	7	7
Relative humidity (%) 0830 hours	75	74	76	75	74
Relative humidity (%) 1730 hours	55	54	57	56	55
Wind Speed (km/h)	12	10	12	12	8
Wind Direction	260	259	262	266	271

Forecast Summary

As forecast received from IMD, Light rainfall is expected during the next five days, with comparatively higher rainfall likely on 24th and 25th May 2026 in Mandya district. The day temperature is expected to be 33-34°C & night temperature is expected to be 21-22°C. The relative humidity in the morning hours is expected to be 74-76% & afternoon relative humidity is expected to be in the range of 54-57%, Wind speed expected to be 8-12 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	Root rot,	Seed treatment with

		moisture for sowing. Avoid excess irrigation during rainy conditions. Maintain proper spacing for aeration.	aphids, leaf spot	bioagents. Spray Neem Seed Kernel Extract (NSKE) 5% 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					
Krishnarajpet					
Parameter	23.05.2026	24.05.2026	25.05.2026	26.05.2026	27.05.2026
Rainfall (mm)	17	4.9	13.2	1.6	2.5
Max. temp (°C)	31.7	31.9	31.5	31.5	31.7
Min.Temp (°C)	22.1	22.1	21.9	22.2	22.2
Sky condition (Octas)	6	6	6	6	5
Relative humidity (%) 0830 hours	89.2	88.4	88.6	89	87.9
Relative humidity (%) 1730 hours	48.8	48.3	50.6	49.9	49
Wind Speed (kmph)	11.9	16	17.7	15.1	9.5
Wind Direction	270	255.7	265.3	272.7	261.3

Maddur					
Parameter	23.05.2026	24.05.2026	25.05.2026	26.05.2026	27.05.2026
Rainfall (mm)	3.7	7.7	14.5	2	5.7
Max. temp (°C)	34.1	33.9	33.1	33.4	33.2
Min.Temp (°C)	23.2	23.5	22.7	23.1	23.2
Sky condition (Octas)	6	6	6	6	5
Relative humidity (%) 0830 hours	85.4	86.2	87.6	88.1	85.3
Relative humidity (%) 1730 hours	41.8	43.1	49	46.6	46.2
Wind Speed (kmph)	11.5	14.3	12.3	10.9	13.4
Wind Direction	266.4	252.5	265	252.8	263.8

Malvalli					
Parameter	23.05.2026	24.05.2026	25.05.2026	26.05.2026	27.05.2026
Rainfall (mm)	3.2	10	4.3	1	0.6
Max. temp (°C)	35.1	35.2	32.7	33.2	33.9
Min.Temp (°C)	23.4	23.8	23.4	23.5	23.5
Sky condition (Octas)	5	6	6	5	5
Relative humidity (%) 0830 hours	88	88.4	87.5	87.9	85.8
Relative humidity (%) 1730 hours	38.2	39.8	53.8	47.4	43.9
Wind Speed (kmph)	9.5	15.7	16	16.2	14.2
Wind Direction	261.3	254.1	262.2	257.2	261.3

Mandya					
Parameter	23.05.2026	24.05.2026	25.05.2026	26.05.2026	27.05.2026
Rainfall (mm)	5	5.3	14.2	1.5	5.3
Max. temp (°C)	34	33.8	33	33.4	33.2
Min.Temp (°C)	23.1	23.4	22.7	23.1	23.2
Sky condition (Octas)	6	6	6	6	5
Relative humidity (%) 0830 hours	85.5	86.1	87.5	87.9	85.3
Relative humidity (%) 1730 hours	42.1	43.6	48.8	45.8	46.4
Wind Speed (kmph)	12.3	14.8	13.4	11.6	12.7
Wind Direction	263.3	251.6	263.8	253.8	261.9

Nagamangala					
Parameter	23.05.2026	24.05.2026	25.05.2026	26.05.2026	27.05.2026
Rainfall (mm)	12.4	6.2	12	2.4	7.7
Max. temp (°C)	32.2	32.5	32.2	32.2	32.2
Min.Temp (°C)	22.5	22.6	21.9	22.5	22.7
Sky condition (Octas)	7	5	6	6	6
Relative humidity (%) 0830 hours	87.1	86.4	87.2	88	85.9
Relative humidity (%) 1730 hours	46	46.2	48.7	47.4	47.4
Wind Speed (kmph)	14	16.3	16.2	16.2	12
Wind Direction	270	256	268.7	272.5	261.4

Pandavapura					
Parameter	23.05.2026	24.05.2026	25.05.2026	26.05.2026	27.05.2026
Rainfall (mm)	10.8	3.3	20.9	2.2	4.4
Max. temp (°C)	32.7	32.7	32	32.2	32.2
Min.Temp (°C)	22.6	22.7	22.2	22.6	22.8
Sky condition (Octas)	6	6	6	6	5
Relative humidity (%) 0830 hours	87.2	87.4	88.6	89.2	87.2
Relative humidity (%) 1730 hours	46	46.6	50	48.2	48.3
Wind Speed (kmph)	14	17.3	16.4	13.7	10.9
Wind Direction	258.1	253.1	261.2	256.3	262.4

Shrirangapatna					
Parameter	23.05.2026	24.05.2026	25.05.2026	26.05.2026	27.05.2026
Rainfall (mm)	7.2	2.5	20.9	2.5	4.5
Max. temp (°C)	32.8	32.9	32.2	32.5	32.5
Min.Temp (°C)	22.6	22.8	22.2	22.7	22.8
Sky condition (Octas)	6	6	6	6	6
Relative humidity (%) 0830 hours	87.1	87	88.2	88.9	86.8
Relative humidity (%) 1730 hours	45.7	45.8	49.9	47.4	47.6
Wind Speed (kmph)	14.1	17.8	16.5	14.6	10.9
Wind Direction	256.7	252.3	258.7	254.2	260.5

- 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

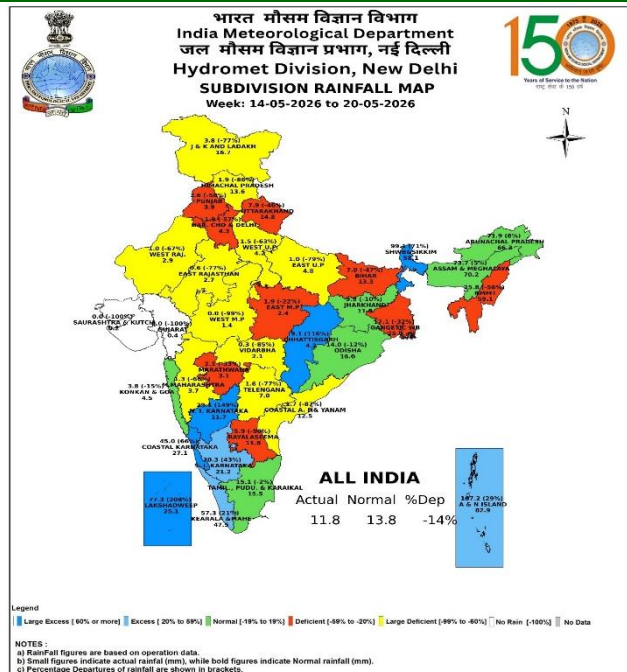
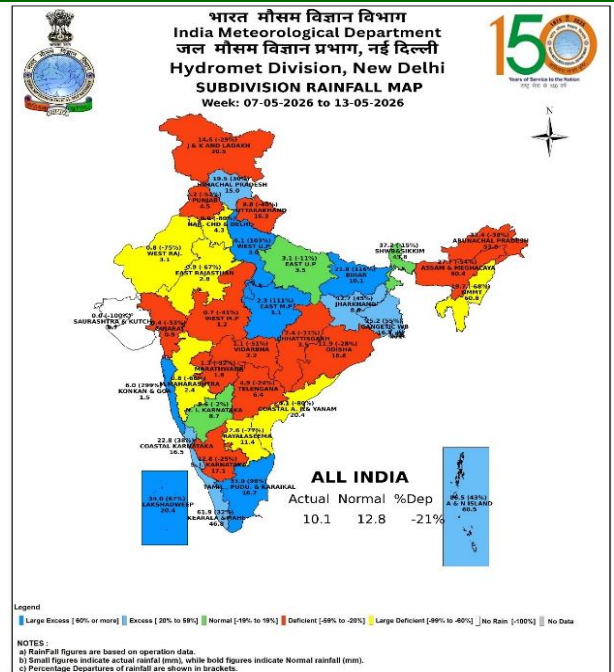
For any information farmers can contact **Dr.Umashankar Kumar**, N. Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No.0821-259126/ 9535345814.

AMFU of IMD, Naganahalli, Mysuru

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

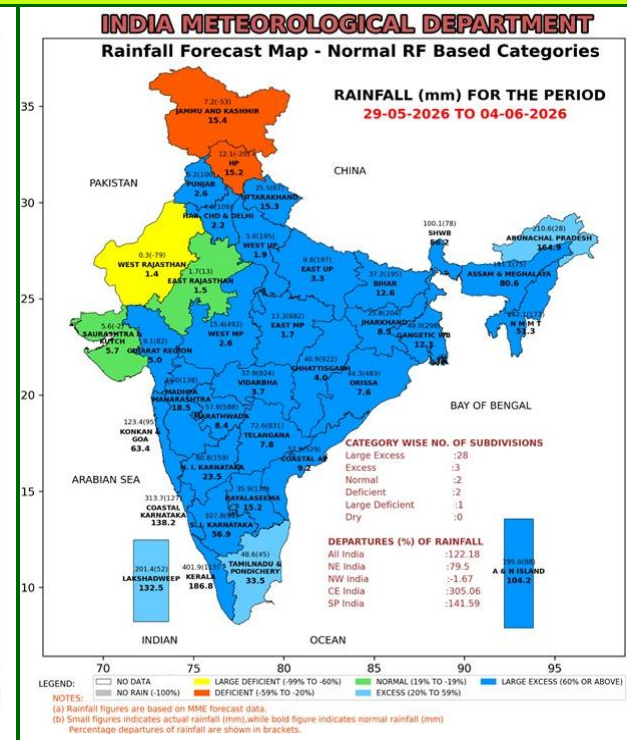
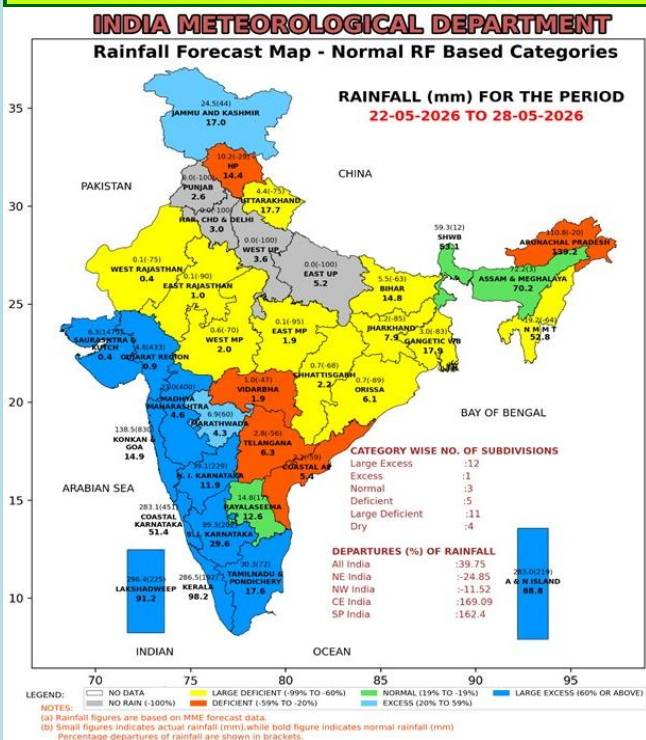
Realized Rainfall

(07th to 20th May 2026)



Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 20th May, 2026)
 (22nd May to 04th June 2026)

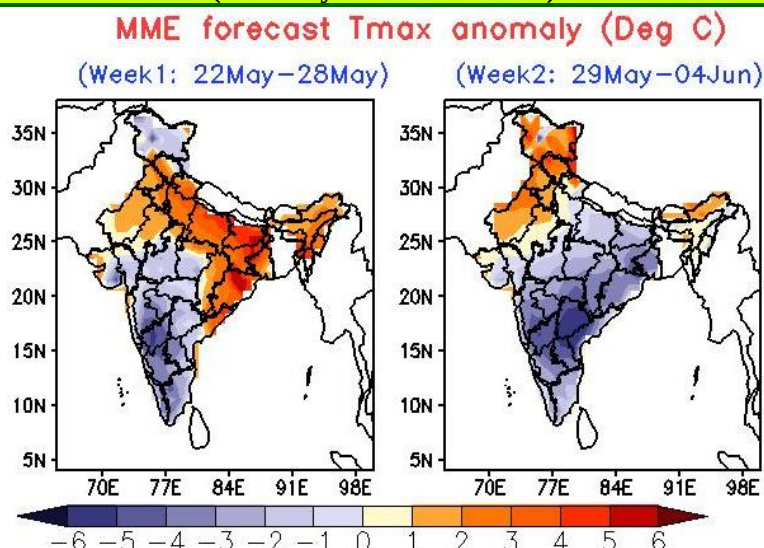


- Week 1 (22.05.2026 to 28.05.2026):** Rainfall is likely to be above normal over Kerala, Karnataka, Konkan-Goa, Lakshadweep, Andaman & Nicobar Islands, Andaman & Kashmir and some parts of Assam. Rainfall is also likely over South India, many parts of Maharashtra,

North East India and some parts of Himachal Pradesh.

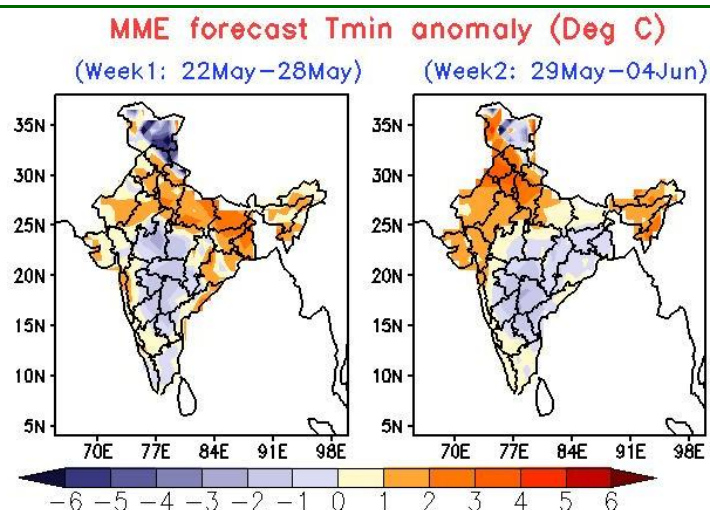
- **Week 2 (29.05.2026 to 04.06.2026):** Rainfall is likely over most parts of the country except some parts of North West India with above normal rainfall activity over many parts of South India, Central India, East India, North East India, Maharashtra and Uttarakhand.

**Maximum and Minimum temperature anomaly ($^{\circ}$ C) forecast
for the next 2 weeks (IC-20th May, 2026)
(22nd May to 04th June 2026)**



Maximum Temperature (Tmax)

- **Week 1 (22.05.2026 to 28.05.2026):** Maximum temperature is likely to be above normal over many parts of North West India, East India, North East India, Chhattisgarh and northern part of Coastal Andhra Pradesh.
- **Week 2 (29.05.2026 to 04.06.2026):** Maximum temperature is likely to be above normal over Jammu & Kashmir, Himachal Pradesh, Punjab, Haryana, many parts of Rajasthan and Arunachal Pradesh.



Minimum Temperature (Tmin)

- **Week 1 (22.05.2026 to 28.05.2026):** Minimum Temperature is likely to be above normal over many parts of North West India, East India, North East India, Saurashtra & Kutch, Konkan & Goa and some parts of Coastal Andhra Pradesh.
- **Week 2 (29.05.2026 to 04.06.2026):** Minimum temperature is likely to be above normal over many parts of North West India, North East India and Gujarat State.