UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &
INDIA METEOROLOGICAL DEPARTMENT

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Bengaluru – 560 065

Date: 15-05-2026

AGRO-ADVISORY BULLETIN FOR KOLAR DISTRICT

Issued jointly by UAS, Bangalore & Indian Meteorological Department

Past Weather Data (11-05-2026 to 15-05-2026)					
Parameter	**11.05.2026**	**12.05.2026**	**13.05.2026**	**14.05.2026**	**15.05.2026**
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	33.8	34	34.2	34.8	34.8
Min. Temp. (°C)	20.6	20.6	19.4	21.4	21
Sky condition (Octas)	6	6	6		6
Relative humidity (%) 0830 hours	68	59	59	74	64
Relative humidity (%) 1730 hours	41	41	40	32	31
Wind Speed (km/h)	2	2	2		2
Wind Direction	50	50	50		50

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)	2	3	3	2	0
Max. Temp. (°C)	35	35	36	35	35
Min. Temp. (°C)	21	21	22	21	21
Sky condition (Octas)	7	7	6	6	4
Relative humidity (%) 0830 hours	71	72	75	75	73
Relative humidity (%) 1730 hours	36	35	34	36	35
Wind Speed (kmph)	4	6	6	6	4
Wind Direction	297	235	256	261	279

Forecast Summary

As forecast received from IMD, clear sky with Light rain expected in 16th to 19th May 2026 and No rain forecasted 20th 2026 in Kolar District. The day temperature is expected to be 35.0-36.0°C and night temperature is expected to be 21.0-22.0°C. The relative humidity in the morning hours is expected to be 71-75 % and afternoon relative humidity is expected to be in the range of 34-36 %, Wind speed is expected to be 4-6 km/hr.

SMS Advisory

The southwest monsoon is likely to set in over Kerala on 26th May 2026. The Conditions are favourable for the advance of southwest monsoon over parts of south Bay of Bengal, Andaman Sea and Andaman & Nicobar Islands around 16th May, 2026.

Recommendations to the farmers: -

Crop	Pest/Disease	Damage symptoms	Control measures

General Advisory:

Field Crops

1. **Summer Ploughing:** Perform deep ploughing immediately after the previous harvest to expose the soil to the sun. This kills hibernating pests, pathogens, and weed seeds.
2. **Soil Testing:** Collect soil samples before applying any amendments. This ensures precise nutrient application
3. **In-situ Moisture Conservation:** Repair and strengthen field bunds to prevent runoff and ensure every drop of early monsoon rain is retained in the soil.

Vegetables & Horticulture

1. Watch for fruit borer and shoot borer in fruit development and maturity stage.
2. Spray the chemicals early morning and late evening for better pest and disease control.

Crop	Stage	Pest &Diseases	Weather-Based Agromet Advisory
Pre Kharif land preparation			Apply well-decomposed **Farmyard Manure (FYM)** or compost at 10–12 tons/ha at least 15–20 days before sowing to improve soil structure and water-holding capacity. **Tank Silt:** Application of tank silt @ 20-25 tonne/acre of land to improve water holding capacity of soil. **Green Manuring:** If early showers occur, sow green manure crops like Sunnhemp or Dhaincha and incorporate them into the soil after 45 days to boost nitrogen levels.
Brinjal	Flowering stage	Shoot Borer	Spray Flubendiamide @ 0.5ml/l of water and Chlorantraniliprole 0.4ml/ l of water
Beetroot	Marble stage	Aphids	Spray Borax @ 1g/liter or Solubor when the roots are about the size of a marble. Use Yellow Sticky Traps. Spray Thiamethoxam @ 0.5g/ l of water
Chilli	Maturity stage	Thrips	For thrips, use Fipronil 1 g/l of water or Neem oil 3 ml/l of water Apply recommended dose of potash to improve fruit quality and pungency. Foliar spray of micronutrients (Zn + Boron) if deficiency symptoms appear.
Rose	Flowering stage	Aphids	Maintain regular irrigation at 4–6-day intervals. Avoid moisture stress to ensure good bud size and quality. To control of aphids in rose to spray Dimethoate 30 EC @ 1.7 ml/litre of water.
Guava	Fruit development	Fruit fly	Maintain regular irrigation. Adopt mulching (dry leaves/straw) to conserve soil moisture. Apply recommended dose of potash to improve fruit size and quality. Foliar spray of micronutrients (Zn + Boron) if deficiency symptoms appear. Fruit fly (*Bactrocera spp.*) spray entomopathogenic fungus (*Beauveria bassiana*) @ 10 g/litre water on infested fruits.

			Use Methyl eugenol traps (10/acre) for fruit fly.
Mango	Maturity and harvesting stage	Fruit fly and Anthracnose	Install **Methyl Eugenol (ME) traps** at 6–10 traps per acre Hot Water Treatment**:** Dip harvested fruits in hot water at **48°C to 52°C for 5–10 minutes**. This kills latent fungal spores and fruit fly eggs simultaneously. Place the harvested fruit upside down on a slanted de sapping rack for **2–4 hours**. This allows the acidic latex to drain away from the fruit skin.

Livestock, Poultry, and Sericulture Advisory (Very light Rainfall & High Temperature	
Sector	**Weather-Based Advisory**
Livestock	1. Provide dry and clean shelter; avoid animals standing in wet areas. 2. Provide clean and cool drinking water **3–4 times/day**. Ensure sufficient water availability at all times. 3. Monitor for tick and mite infestations; use approved acaricides if needed. 4. Provide balanced feed and mineral supplements. 5. Provide shade, proper ventilation, and sprinkle water on shed roof if needed during peak afternoon heat. 6. Continue vaccination and deworming schedules. Observe for signs of heat stress (panting, reduced feed intake).
Sericulture	1. Chawki (early stage): Maintain temperature 26–28°C and RH 75–85%. Sprinkle water on floor to maintain humidity if required. 2. Late age larvae: Maintain temperature 24–26°C and RH 65–70%. Ensure good ventilation to prevent disease incidence. Provide fresh, tender leaves in required quantity. Avoid wilted leaves. 3. Disinfect rearing house and appliances before batch rearing. Remove bed refuse regularly.
Poultry	1. Ensure proper airflow in poultry sheds. Use fans if necessary. 2. Provide cool water with electrolytes during hot hours. 3. Provide **electrolytes + vitamins** in water for immunity. 4. Keep litter dry to prevent ammonia accumulation. 5. Maintain biosecurity measures and regular health monitoring.

Block level weather forecast (From 16-05-2026 to 20-05-2026)					
BANGARPET BLOCK					
Parameter	**16.05.2026**	**17.05.2026**	**18.05.2026**	**19.05.2026**	**20.05.2026**
Rainfall (mm)	0	0	1	2	0
Max. temp (°C)	36	35	35	36	36
Min.Temp (°C)	24	24	23	24	24
Sky condition (Octas)	7	7	7	7	5
Relative humidity (%) 0830 hours	79	76	81	78	77
Relative humidity (%) 1730 hours	24	28	31	31	32
Wind Speed (kmph)	6	9	11	16	17
Wind Direction	298	265	268	274	274

KOLAR BLOCK					
Parameter	**16.05.2026**	**17.05.2026**	**18.05.2026**	**19.05.2026**	**20.05.2026**
Rainfall (mm)	0	0	1	0	0
Max. temp (°C)	36	35	36	36	36
Min.Temp (°C)	23	24	23	24	24
Sky condition (Octas)	8	7	7	6	4
Relative humidity (%) 0830 hours	87	82	86	82	83
Relative humidity (%) 1730 hours	23	26	27	27	31
Wind Speed (kmph)	3	10	10	13	17
Wind Direction	293	274	253	278	268

MALUR BLOCK					
Parameter	**16.05.2026**	**17.05.2026**	**18.05.2026**	**19.05.2026**	**20.05.2026**
Rainfall (mm)	0	1	2	5	0
Max. temp (°C)	36	34	35	35	35
Min.Temp (°C)	24	24	23	24	24
Sky condition (Octas)	8	7	7	7	5
Relative humidity (%) 0830 hours	79	79	85	81	80
Relative humidity (%) 1730 hours	24	33	32	34	34
Wind Speed (kmph)	7	11	11	16	17
Wind Direction	292	266	265	271	272

MULBAGIL BLOCK					
Parameter	**16.05.2026**	**17.05.2026**	**18.05.2026**	**19.05.2026**	**20.05.2026**
Rainfall (mm)	0	0	1	1	0
Max. temp (°C)	36	35	36	37	37
Min.Temp (°C)	23	24	24	25	25
Sky condition (Octas)	8	7	6	5	5
Relative humidity (%) 0830 hours	88	82	81	79	78
Relative humidity (%) 1730 hours	24	25	26	29	29
Wind Speed (kmph)	4	10	10	13	17
Wind Direction	292	270	255	280	271

SRINIVASPURA BLOCK					
Parameter	**16.05.2026**	**17.05.2026**	**18.05.2026**	**19.05.2026**	**20.05.2026**
Rainfall (mm)	0	0	2	1	0
Max. temp (°C)	36	35	35	36	36
Min.Temp (°C)	24	24	24	24	24
Sky condition (Octas)	7	7	7	6	4
Relative humidity (%) 0830 hours	79	75	81	79	76
Relative humidity (%) 1730 hours	23	29	32	31	30
Wind Speed (kmph)	4	8	10	15	16
Wind Direction	270	267	250	270	274

KGF BLOCK					
Parameter	**16.05.2026**	**17.05.2026**	**18.05.2026**	**19.05.2026**	**20.05.2026**
Rainfall (mm)	0	0	1	5	0
Max. temp (°C)	38	37	37	37	38
Min.Temp (°C)	25	26	25	25	26
Sky condition (Octas)	8	7	7	7	5
Relative humidity (%) 0830 hours	79	77	78	75	73
Relative humidity (%) 1730 hours	23	28	32	33	33
Wind Speed (kmph)	4	7	8	11	12
Wind Direction	297	264	294	270	266

- 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. M. N. Thimmegowda**, Professor & Head/ **Mr. L. Nagesha**, Technical officer over phone No. 9741109702/ 9008454142

AMFU of IMD,

AICRP-AM, Bengaluru

वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान

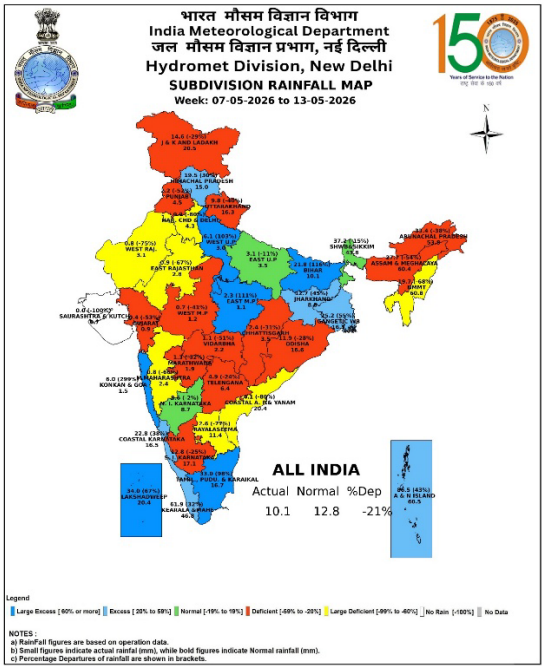
Realized Rainfall and Extended Range Forecast

(वर्षा और तापमान)

(Rainfall and Temperature)

Realized Rainfall

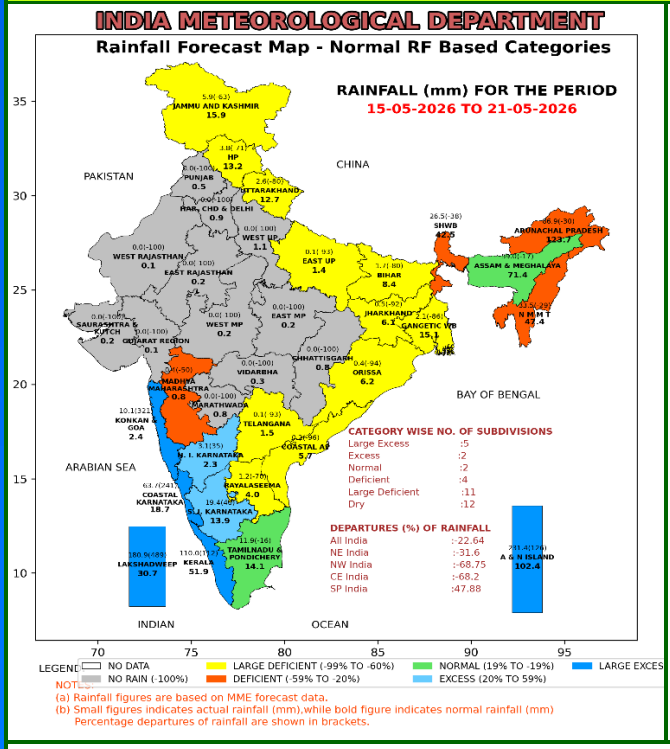
(30th April to 13th May 2026)

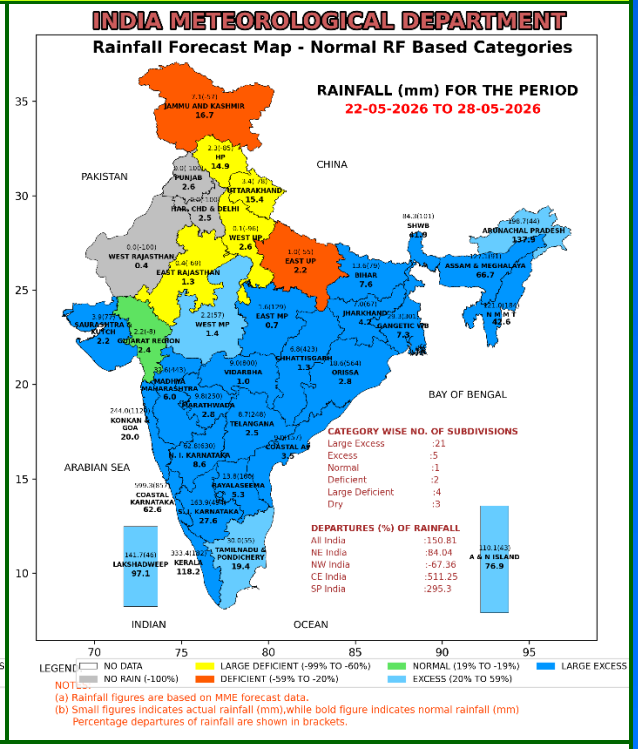


- Normal or above normal rainfall occurred in both the weeks over Himachal Pradesh, Uttar Pradesh, Bihar, Jharkhand, West Bengal & Sikkim, East Madhya Pradesh, Tamil Nadu Puducherry & Karaikal, Kerala & Mahe and Andaman & Nicobar Islands.
- Normal or above normal rainfall occurred in either of the two weeks over Jammu & Kashmir, Uttarakhand, Punjab, Haryana-Chandigarh-Delhi, Rajasthan, Arunachal Pradesh, Nagaland-Manipur-Mizoram-Tripura (NMMT), Gujarat region, West Madhya Pradesh, Chhattisgarh, Odisha, Konkan & Goa, Coastal Karnataka, Interior Karnataka, Andhra Pradesh & Yanam and Lakshadweep.
- Below Normal rainfall / No rain occurred in both the weeks over rest of the States & UTs.

Extended Range Forecast System

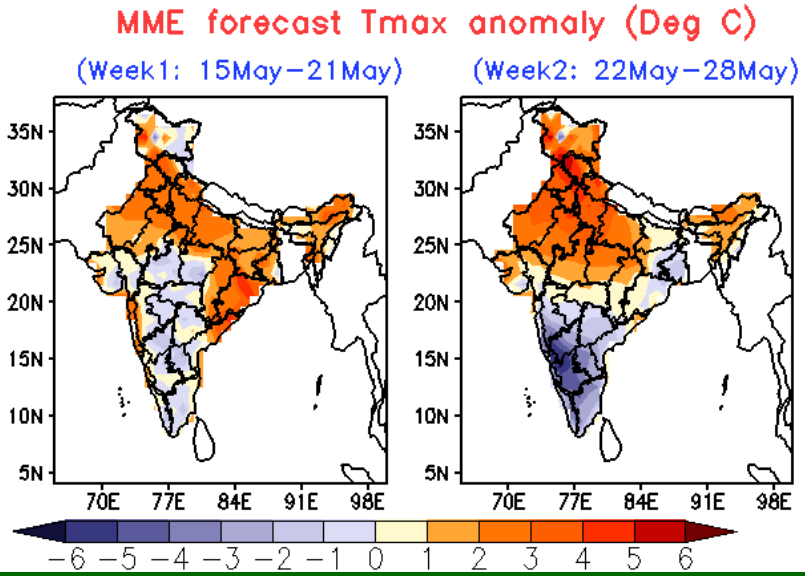
Rainfall forecast maps for the next 2 weeks (IC - 13th May, 2026)
(15th to 28th May 2026)





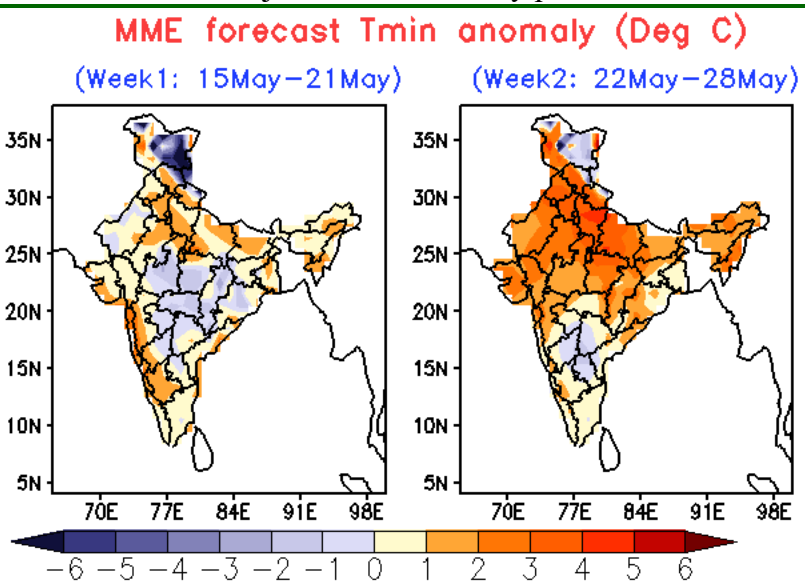
- **Week 1 (15.05.2026 to 21.05.2026):** Rainfall is likely to be above normal over of Kerala and coastal regions Karnataka. Rainfall activity is also likely over North East India, Sub-Himalayan West Bengal & Sikkim, South Interior Karnataka and over isolated areas of Jammu & Kashmir, and Himachal Pradesh.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



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.



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.