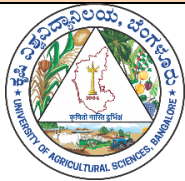


**UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &
INDIA METEOROLOGICAL DEPARTMENT**



**GRAMIN KRISHI MAUSAM SEWA AMFU,
AICRP- Agrometeorology, UAS,GKVK
Bengaluru – 560 065**



Date: 21-08-2026

AGRO-ADVISORY BULLETIN FOR KOLAR DISTRICT
Issued jointly by UAS, Bangalore & Indian Meteorological Department

Past Weather Data (17-08-2026 to 21-08-2026)

Parameter	17.08.2026	18.08.2026	19.08.2026	20.08.2026	21.08.2026
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 22-08-2026 to 26-08-2026)

Parameter	22.08.2026	23.08.2026	24.08.2026	25.08.2026	26.08.2026
Rainfall (mm)	1	1	2	1	1
Max. Temp. (°C)	31	32	32	30	31
Min. Temp. (°C)	21	21	20	20	21
Sky condition (Octas)	7	6	6	7	5
Relative humidity (%) 0830 hours	65	63	65	62	60
Relative humidity (%) 1730 hours	55	50	50	55	55
Wind Speed (kmph)	12	14	13	12	10
Wind Direction	285	277	271	271	273

Forecast Summary

As forecast received from IMD, clear sky with **Light rainfall forecasted from 22nd August to 26th August 2026** in **Kolar District**. The day temperature is expected to be 30.0-32.0°C and night temperature is expected to be 20.0-21.0°C. The relative humidity in the morning hours is expected to be 60-65 % and afternoon relative humidity is expected to be in the range of 50-55 %, Wind speed is expected to be 10-14 km/hr.

SMS Advisory

Postpone late kharif crops sowing due to lack of soil moisture in crop field. Apply a 1% Potassium chloride spray on the foliage before the kharif crops begin to show early symptoms of wilting. This helps improve the plants' drought tolerance and effectively mitigates moisture stress.



Recommendations to the farmers: -



Crop	Pest/Disease	Damage symptoms	Control measures
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General Advisory:

Field Crops

- Land preparation:** Perform ploughing and levelling the land for late kharif crop sowing.
- Germination Testing:** It is recommended to conduct a germination test on all procured seeds before sowing them in the field.



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. One or two protective irrigations recommended to early sown crops
2. Spray the chemicals early morning and late evening for better pest and disease control.

Ashlesha rain star starts from August 3rd and remains up to August 16th. The normal rainfall of Pushya rain star is 54.3 mm.

Crop	Stage	Pest & Diseases	Weather-Based Agromet Advisory
Late Kharif land preparation			Procure high-quality seeds and fertilizers for the Kharif sowing season. Ploughing across the slope will make insitu soil moisture conservation. Land preparation for sowing of kharif crops is advised to farmers
Finger millet	Sowing		The following varieties are recommended for sowing: GPU-28, 45,48 and 66, ML-365 Postpone sowing operation until sufficient soil moisture available in crop field.
Cowpea	Sowing		The following varieties are recommended for sowing: C-152, TVX-944, KBC-1, Green gram: PS-16, PDM-84,178 Before sowing seeds treat with Rhizobium biofertilizer @ 200g/acre recommendation.
Black gram	Sowing		The following varieties are recommended for sowing: Karagao-3, T-9, Rashmi (LBG-625)
Redgram	Vegetative		Intercultural operation is recommended. Thinning plant population Mulching is recommended for conserve the soil moisture. One or two protective irrigations is advisable.
Maize			
Groundnut			
Sunflower			
Brinjal	Flowering and fruit formation stage	Shoot Borer	Spray Flubendiamide @ 0.5ml/l of water and Chlorantraniliprole 0.4ml/ l of water. Avoid excess nitrogen application during fruiting stage.
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 (<i>Bactrocera spp.</i>) spray entomopathogenic fungus (<i>Beauveria bassiana</i>) @ 10 g/litre water on infested fruits. Use Methyl eugenol traps (10/acre) for fruit fly.
Mango			Recommended for pruning of dried twigs and branches done in June-July month to facilitate the sunlight to bear the more fruits in next seasons.

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 22-08-2026 to 26-08-2026)					
BANGARPET BLOCK					
Parameter	22.08.2026	23.08.2026	24.08.2026	25.08.2026	26.08.2026
Rainfall (mm)	1	0	1	2	1
Max. temp (°C)	31	31	31	30	30
Min.Temp (°C)	21	22	22	22	22
Sky condition (Octas)	5	8	5	7	8
Relative humidity (%) 0830 hours	78	79	79	80	80
Relative humidity (%) 1730 hours	43	44	44	49	48
Wind Speed (kmph)	17	25	22	23	25
Wind Direction	294	280	276	277	274

KOLAR BLOCK					
Parameter	22.08.2026	23.08.2026	24.08.2026	25.08.2026	26.08.2026
Rainfall (mm)	2	0	2	3	1
Max. temp (°C)	31	28	31	29	29
Min.Temp (°C)	22	22	22	22	22
Sky condition (Octas)	5	8	5	7	7
Relative humidity (%) 0830 hours	83	82	82	83	83
Relative humidity (%) 1730 hours	50	54	50	53	54

Wind Speed (kmph)	12	25	21	22	25
Wind Direction	296	278	272	272	272

MALUR BLOCK					
Parameter	22.08.2026	23.08.2026	24.08.2026	25.08.2026	26.08.2026
Rainfall (mm)	1	0	2	3	1
Max. temp (°C)	30	30	30	29	29
Min.Temp (°C)	21	21	21	21	21
Sky condition (Octas)	5	7	5	7	7
Relative humidity (%) 0830 hours	81	82	81	83	83
Relative humidity (%) 1730 hours	46	47	47	52	50
Wind Speed (kmph)	15	25	23	23	26
Wind Direction	291	275	270	272	271

MULBAGIL BLOCK					
Parameter	22.08.2026	23.08.2026	24.08.2026	25.08.2026	26.08.2026
Rainfall (mm)	1	0	0	4	1
Max. temp (°C)	32	30	32	31	30
Min.Temp (°C)	23	23	23	24	23
Sky condition (Octas)	4	8	5	7	7
Relative humidity (%) 0830 hours	77	78	77	78	80
Relative humidity (%) 1730 hours	45	50	44	49	52
Wind Speed (kmph)	17	26	22	24	25
Wind Direction	294	282	278	278	277

SRINIVASPURA BLOCK					
Parameter	22.08.2026	23.08.2026	24.08.2026	25.08.2026	26.08.2026
Rainfall (mm)	1	0	1	4	0
Max. temp (°C)	31	31	32	30	30
Min.Temp (°C)	22	22	22	22	22
Sky condition (Octas)	4	7	6	7	6
Relative humidity (%) 0830 hours	76	78	78	80	80
Relative humidity (%) 1730 hours	42	44	42	48	47
Wind Speed (kmph)	19	23	21	22	23
Wind Direction	290	275	271	273	271

KGF BLOCK					
Parameter	22.08.2026	23.08.2026	24.08.2026	25.08.2026	26.08.2026
Rainfall (mm)	1	0	0	1	1
Max. temp (°C)	34	34	34	33	33
Min.Temp (°C)	23	24	24	24	24
Sky condition (Octas)	6	7	5	7	7
Relative humidity (%) 0830 hours	73	73	72	71	71
Relative humidity (%) 1730 hours	37	38	39	42	41
Wind Speed (kmph)	14	22	18	22	22
Wind Direction	283	280	273	278	274

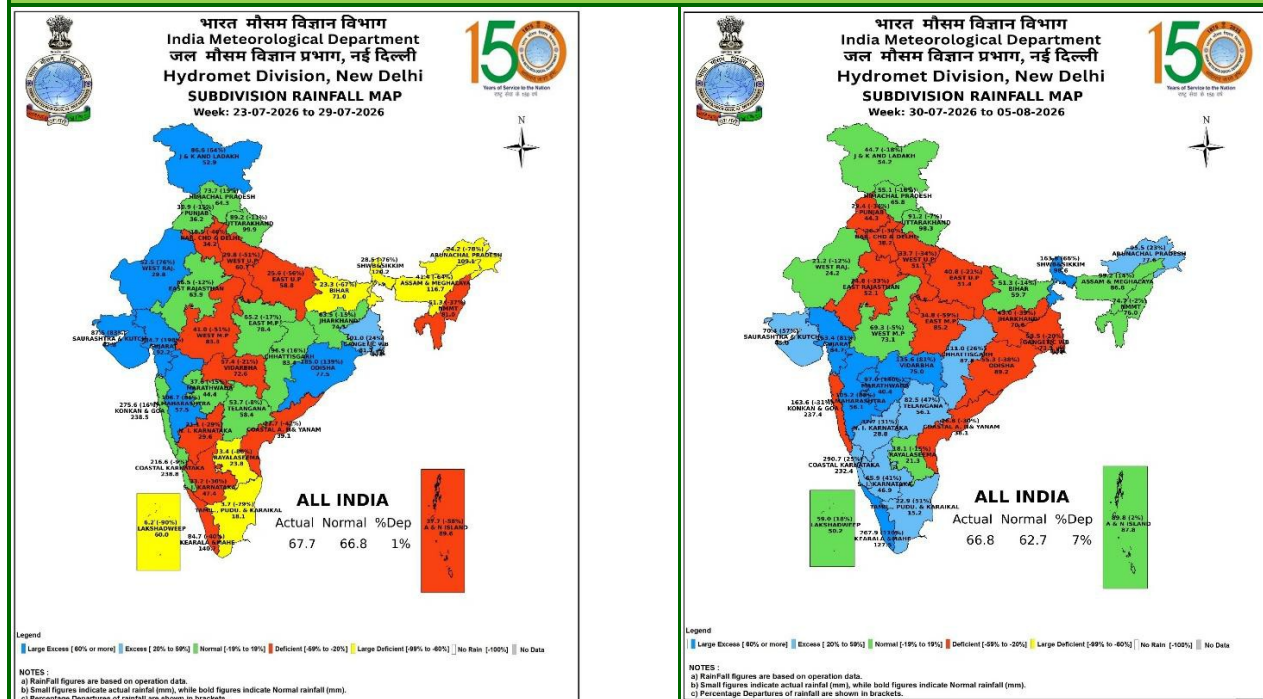
- Download “DAMINI” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “MAUSAM” APP for location specific forecast & warning & “MEGHDOOT” APP for Agromet advisory

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**

Realized Rainfall and Extended Range Forecast (Rainfall and Temperature)

Realized Rainfall (23rd July to 05th August, 2026)



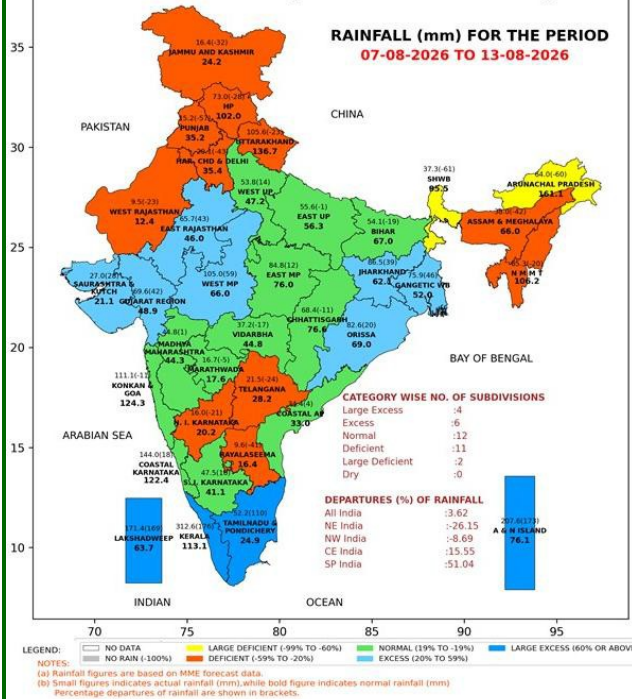
- Normal or above normal rainfall occurred in both the weeks over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Chhattisgarh, West Rajasthan, Gujarat State, Madhya Maharashtra, Marathwada, Telangana and Costal Karnataka.
- Normal or above normal rainfall occurred in either of the two weeks over Punjab, Bihar, Jharkhand, Odisha, West Bengal & Sikkim, Assam & Meghalaya, Arunachal Pradesh, Nagaland-Manipur-Mizoram-Tripura (NMMT), Madhya Pradesh, East Rajasthan, Vidarbha, Konkan & Goa, Interior Karnataka, Rayalaseema, Kerala, Lakshadweep, Tamil Nadu- Puducherry-Karaikal and Andaman & Nicobar Islands.
- Below normal rainfall occurred in both the weeks over rest of the States & UTs.

Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC – 05th August, 2026) (07th to 20th August, 2026)

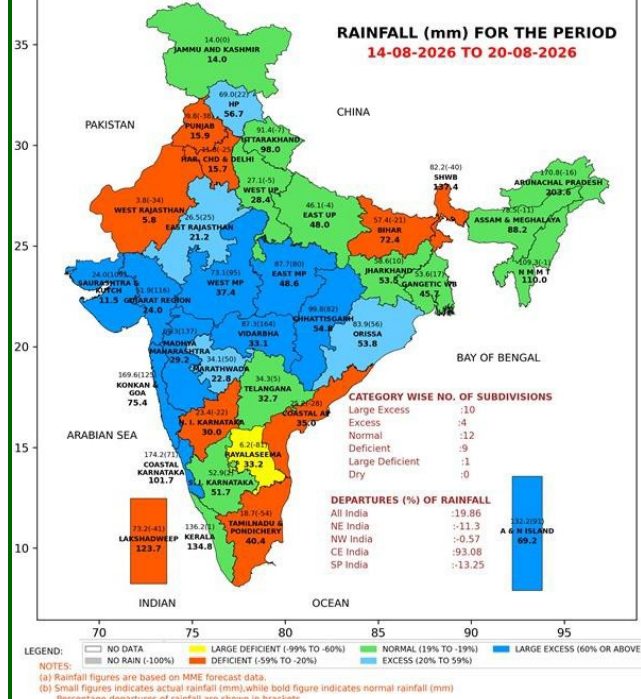
INDIA METEOROLOGICAL DEPARTMENT

Rainfall Forecast Map - Normal RF Based Categories



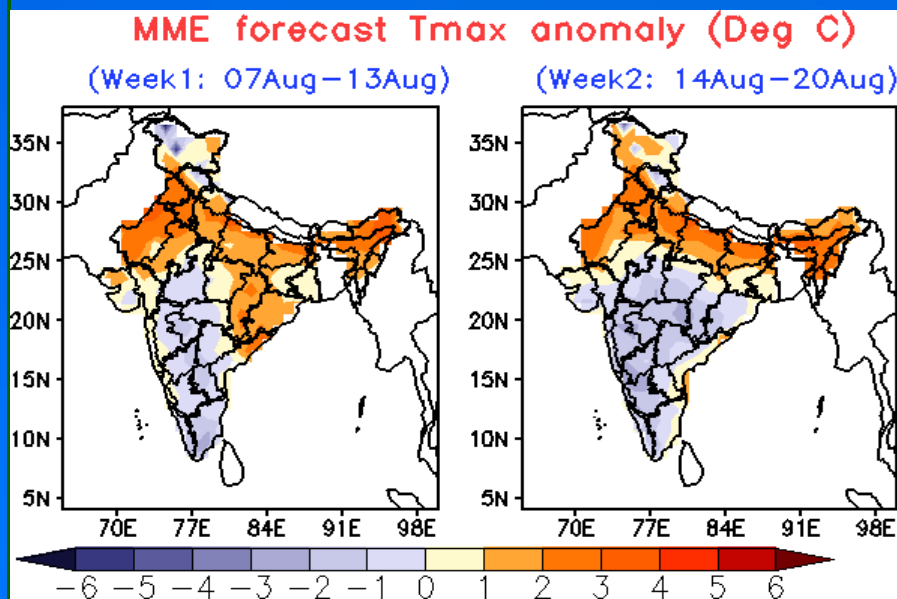
INDIA METEOROLOGICAL DEPARTMENT

Rainfall Forecast Map - Normal RF Based Categories



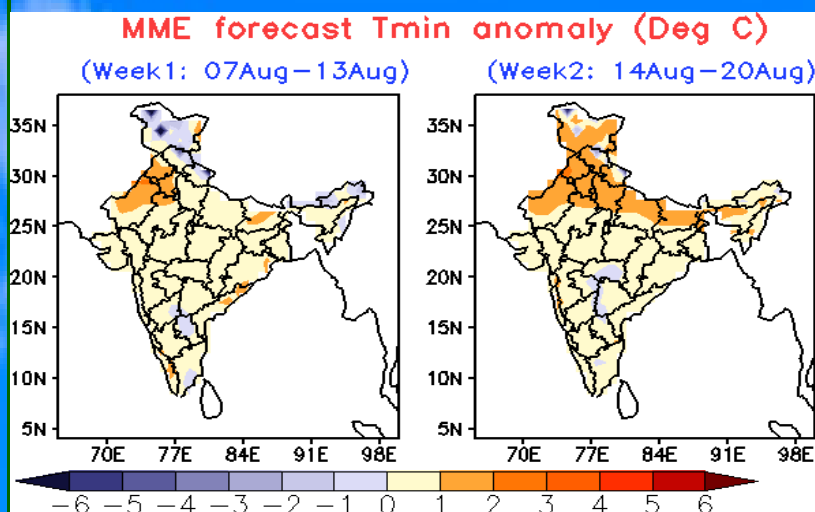
- Week 1 (07.08.2026 to 13.08.2026):** Rainfall is likely to be above normal over Kerala, many parts of Madhya Pradesh, Jharkhand, West Bengal, Odisha and some parts of Coastal Karnataka, Tamil Nadu, Gujarat, East Rajasthan & Uttar Pradesh. However, it is likely to be below normal over Arunachal Pradesh, Assam, Sikkim, Uttarakhand, Himachal Pradesh, Punjab, Haryana, north interior Karnataka, Telangana, Rayalaseema and some parts of Jammu & Kashmir.
- Week 2 (14.08.2026 to 20.08.2026):** Rainfall is likely to be above normal over Coastal Karnataka, many parts of Maharashtra, Central India & Odisha and some parts of Gujarat State & Himachal Pradesh. However, it is likely to be below normal over Bihar, Sikkim, coastal Andhra Pradesh, Tamil Nadu, Rayalaseema, north interior Karnataka and Lakshadweep.

**Maximum and Minimum temperature anomaly (°C) forecast
for the next 2 weeks (IC – 05th August, 2026) (07th to 20th August, 2026)**



Maximum Temperature (Tmax)

- **Week 1 (07.08.2026 to 13.08.2026):** Maximum temperature is likely to be above normal over North West India, central India, North East India and East India.
- **Week 2 (14.08.2026 to 20.08.2026):** Maximum temperature is likely to be above normal over North West India, North East India and Bihar.



Minimum Temperature (Tmin)

- **Week 1 (07.08.2026 to 13.08.2026):** Minimum temperature is likely to be above normal over Punjab, Haryana & West Rajasthan.
- **Week 2 (14.08.2026 to 20.08.2026):** Minimum temperature is likely to be above normal over most parts of North West India, Bihar and some parts of Assam.