UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &
INDIA METEOROLOGICAL DEPARTMENT

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

Date: 17-07-2026

AGRO-ADVISORY BULLETIN FOR KOLAR DISTRICT

Issued jointly by UAS, Bangalore & Indian Meteorological Department

Past Weather Data (13-07-2026 to 17-07-2026)					
Parameter	**13.07.2026**	**14.07.2026**	**15.07.2026**	**16.07.2026**	**17.07.2026**
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	33.6	34	34.2	33.8	32.4
Min. Temp. (°C)	20.6	20.6	19.6	19.6	21.4
Sky condition (Octas)	6	6	6	6	6
Relative humidity (%) 0830 hours	66	65	63	70	69
Relative humidity (%) 1730 hours	38	39	34	28	36
Wind Speed (km/h)	10	4	4	4	6
Wind Direction	230	230	320	320	320




Weather forecast for the next five days (From 18-07-2026 to 22-07-2026)					
Parameter	**18.07.2026**	**19.07.2026**	**20.07.2026**	**21.07.2026**	**22.07.2026**
Rainfall (mm)	2	3	2	0	0
Max. Temp. (°C)	32	32	33	32	32
Min. Temp. (°C)	21	22	22	21	21
Sky condition (Octas)	7	7	7	5	6
Relative humidity (%) 0830 hours	68	69	67	68	67
Relative humidity (%) 1730 hours	36	35	34	35	36
Wind Speed (kmph)	8	8	8	6	8
Wind Direction	277	280	279	279	281

Forecast Summary

As forecast received from IMD, clear sky with Light rainfall forecasted from 18th to 20th July 2026 and No rainfall forecasted from 21st to 22nd July 2026 in Kolar District. The day temperature is expected to be 32.0-33.0°C and night temperature is expected to be 21.0-22.0°C. The relative humidity in the morning hours is expected to be 67-69 % and afternoon relative humidity is expected to be in the range of 34-36 %, Wind speed is expected to be 6-8 km/hr.

SMS Advisory

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

General Advisory:

Field Crops

1. **Land preparation:** Perform ploughing and levelling the land for kharif crop sowing.
2. **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.

Pushya rain star starts from July 20th and remains up to August 2nd. The normal rainfall of Pushya rain star is 56.4 mm.

	Quantity Kg/acre								Qty. gm/acre seed	
Sl. No	**Crops**	**Varieties**	**Time of sowing**	**Seeds**	**Urea**	**DAP**	**Pottash**	**Gypsum**	**Rhizobium**	**PSB**
1	Redgram	BRG-1,2,3,4 and 5 , TTB-7, ICP-7035 and HY 3C	May 15th - 15th July	Mono crop 5-6 kg Mixed crop 3 kg	10	20	10		200	200
2	Sunflower	KBSH-41,42,44,53 and 78	June - July	2 Kg	36	36	25	-	Azatobactor 150 gm	--

Crop	Stage	Pest &Diseases	Weather-Based Agromet Advisory
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
Redgram **Maize** **Groundnut** **Sunflower**	Sowing, early vegetative		Postpone sowing operation until sufficient soil moisture available in crop field. Intercultural operation is recommended. Thinning plant population

			Mulching is recommended for conserve the soil moisture. One or two protective irrigations is advisable.
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 (*Bactrocera spp.*) spray entomopathogenic fungus (*Beauveria bassiana*) @ 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 18-07-2026 to 22-07-2026)					
BANGARPET BLOCK					
Parameter	**18.07.2026**	**19.07.2026**	**20.07.2026**	**21.07.2026**	**22.07.2026**
Rainfall (mm)	3	1	1	0	0
Max. temp (°C)	31	31	31	32	32
Min.Temp (°C)	22	22	22	23	23
Sky condition (Octas)	7	8	8	6	5
Relative humidity (%) 0830 hours	76	76	76	75	75
Relative humidity (%) 1730 hours	45	42	42	38	38
Wind Speed (kmph)	19	24	23	24	23
Wind Direction	280	279	280	278	277

KOLAR BLOCK					
Parameter	**18.07.2026**	**19.07.2026**	**20.07.2026**	**21.07.2026**	**22.07.2026**
Rainfall (mm)	1	2	2	0	0
Max. temp (°C)	32	30	31	32	33
Min.Temp (°C)	22	23	22	22	23
Sky condition (Octas)	6	7	7	6	4
Relative humidity (%) 0830 hours	80	80	81	80	80
Relative humidity (%) 1730 hours	39	46	43	38	38
Wind Speed (kmph)	19	26	24	25	25
Wind Direction	279	278	277	276	274

MALUR BLOCK					
Parameter	**18.07.2026**	**19.07.2026**	**20.07.2026**	**21.07.2026**	**22.07.2026**
Rainfall (mm)	2	1	1	0	0
Max. temp (°C)	30	30	30	32	32
Min.Temp (°C)	22	22	22	22	22
Sky condition (Octas)	7	8	7	6	5
Relative humidity (%) 0830 hours	78	78	79	78	77
Relative humidity (%) 1730 hours	47	43	43	40	39
Wind Speed (kmph)	20	24	23	24	22
Wind Direction	274	276	277	274	276

MULBAGIL BLOCK					
Parameter	**18.07.2026**	**19.07.2026**	**20.07.2026**	**21.07.2026**	**22.07.2026**
Rainfall (mm)	1	1	1	0	0
Max. temp (°C)	33	31	32	33	33
Min.Temp (°C)	23	23	23	23	23
Sky condition (Octas)	7	7	7	6	4
Relative humidity (%) 0830 hours	77	77	77	76	76
Relative humidity (%) 1730 hours	34	42	41	35	36
Wind Speed (kmph)	20	26	24	26	25
Wind Direction	286	281	280	280	277

SRINIVASPURA BLOCK					
Parameter	**18.07.2026**	**19.07.2026**	**20.07.2026**	**21.07.2026**	**22.07.2026**
Rainfall (mm)	2	2	1	0	0
Max. temp (°C)	31	31	31	32	32
Min.Temp (°C)	22	22	22	23	22
Sky condition (Octas)	7	8	8	6	5
Relative humidity (%) 0830 hours	76	77	75	75	75
Relative humidity (%) 1730 hours	43	43	42	38	39
Wind Speed (kmph)	19	24	24	24	23
Wind Direction	280	278	280	277	275

KGF BLOCK					
Parameter	**18.07.2026**	**19.07.2026**	**20.07.2026**	**21.07.2026**	**22.07.2026**
Rainfall (mm)	2	1	0	0	0
Max. temp (°C)	33	33	34	35	35
Min.Temp (°C)	24	25	24	24	24
Sky condition (Octas)	6	8	7	6	5
Relative humidity (%) 0830 hours	71	69	70	70	70
Relative humidity (%) 1730 hours	39	39	37	34	32
Wind Speed (kmph)	19	22	20	20	19
Wind Direction	276	277	272	274	273

- 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)

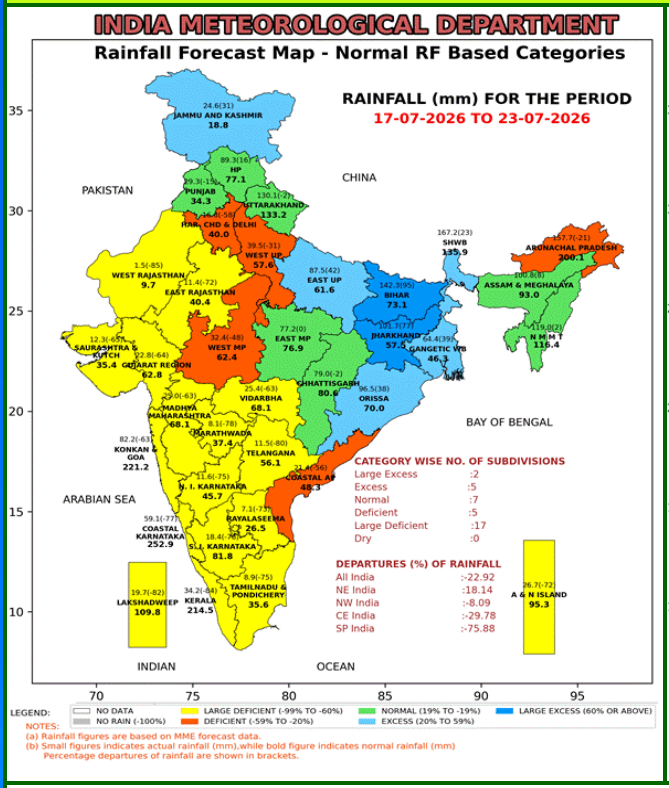
Realized Rainfall

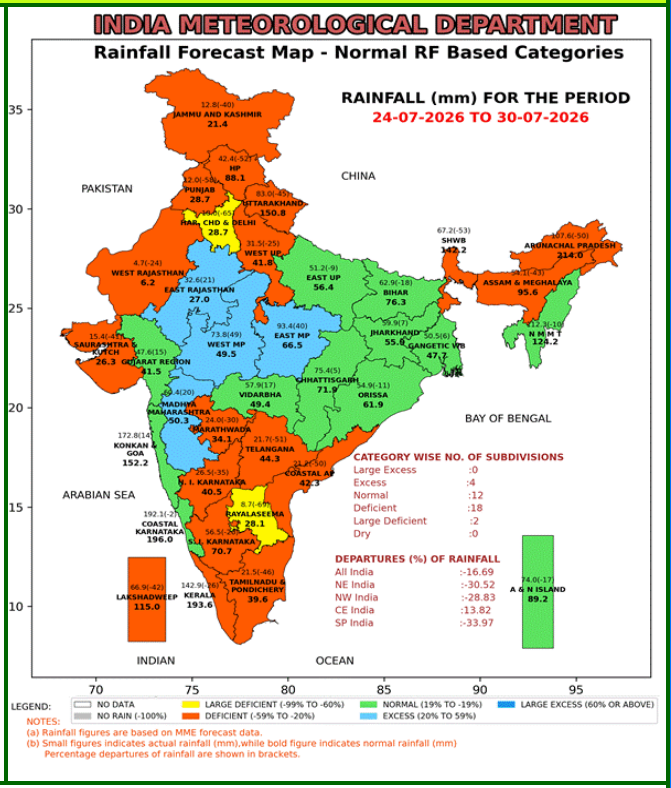
(02nd July to 15th July 2026)

- Normal or above normal rainfall occurred in both the weeks over Himachal Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, West Uttar Pradesh, Gangetic West Bengal and Nagaland-Manipur-Mizoram-Tripura (NMMT).
- Normal or above normal rainfall occurred in either of the two weeks over Jammu & Kashmir, Punjab, East Uttar Pradesh, Bihar, Sub-Himalayan West Bengal & Sikkim, Jharkhand, Odisha, Chhattisgarh, Madhya Pradesh, Rajasthan, Gujarat State, Maharashtra, Goa, Karnataka, Keralam & Mahe and Andaman & Nicobar Islands.
- Below Normal rainfall occurred in both the weeks over rest of the States & UTs.

Extended Range Forecast System

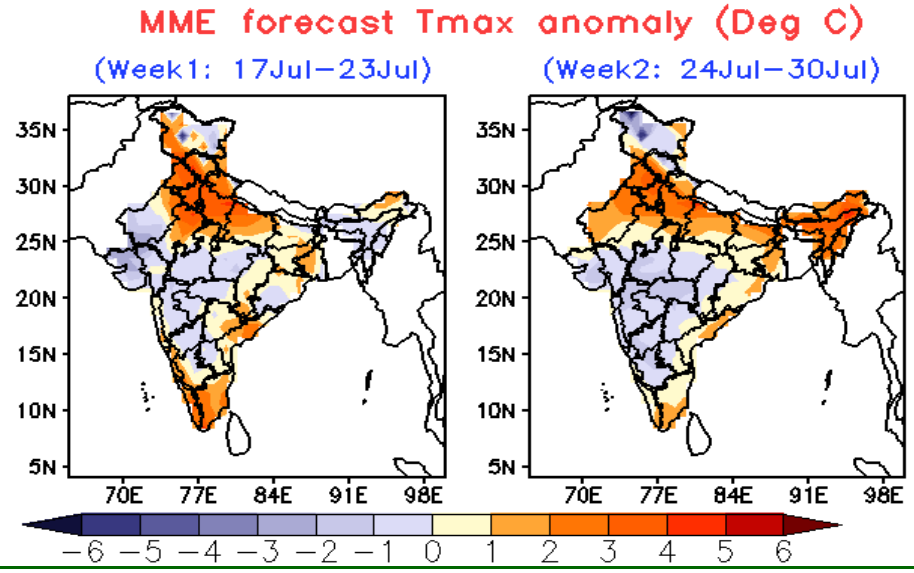
Rainfall forecast maps for the next 2 weeks (IC – 15th July, 2026)
(17th to 30th July 2026)





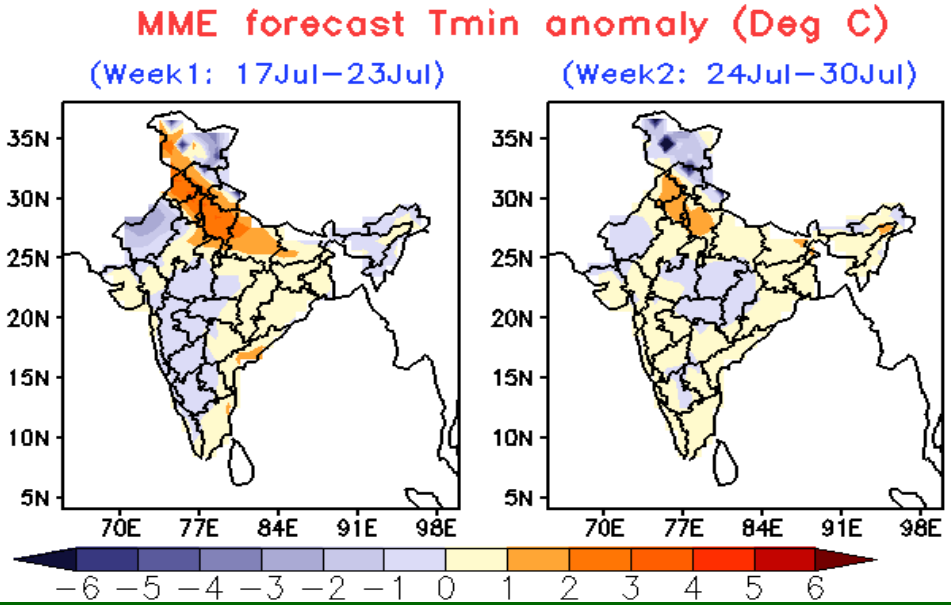
- **Week 1 (17.07.2026 to 23.07.2026):** Rainfall is likely to be above normal over many parts of East India and East Uttar Pradesh. However, it is likely to be below normal over many parts of West India, South India and some parts of Madhya Pradesh, East Rajasthan, Haryana, West Uttar Pradesh and Arunachal Pradesh.
- **Week 2 (24.07.2026 to 30.07.2026):** Rainfall is likely to be above normal over Central India and some parts of West India. However, it is likely to be below normal over Arunachal Pradesh, Sikkim, Uttarakhand, Himachal Pradesh, Keralam, Andhra Pradesh and Telangana.

Maximum and Minimum temperature anomaly (°C) forecast
for the next 2 weeks (IC – 15th July, 2026)
(17th to 30th July 2026)



Maximum Temperature (Tmax)

- **Week 1 (17.07.2026 to 23.07.2026):** Maximum temperature is likely to be above normal over Keralam, Tamil Nadu and many parts of North West India, East India & Coastal Andhra Pradesh.
- **Week 2 (24.07.2026 to 30.07.2026):** Maximum temperature is likely to be above normal over many parts of North West India, East India, North East India, Tamil Nadu and Coastal Andhra Pradesh.



Minimum Temperature (Tmin)

- **Week 1 (17.07.2026 to 23.07.2026):** Minimum Temperature is likely to be above normal over many parts of North West India.
- **Week 2 (24.07.2026 to 30.07.2026):** Minimum temperature is likely to be above normal over Punjab, Haryana and West Uttar Pradesh.