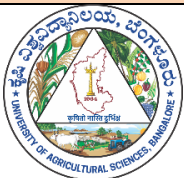


**UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &
INDIA METEOROLOGICAL DEPARTMENT**



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



Date: 21-08-2026

AGRO-ADVISORY BULLETIN FOR BENGALURU RURAL 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)	8	7	6	5	5
Max. Temp. (°C)	26	27	28	28	28
Min. Temp. (°C)	20	21	21	21	21
Sky condition (Octas)	8	8	6	7	7
Relative humidity (%) 0830 hours	85	82	80	80	80
Relative humidity (%) 1730 hours	60	60	62	65	60
Wind Speed (kmph)	12	10	10	10	8
Wind Direction	274	263	253	258	262

Forecast Summary

As forecast received from IMD, cloudy sky with **Light rainfall forecasted from 22nd August to 26th August 2026** in Bengaluru Rural District. The day temperature is expected to be 26.0-28.0°C and night temperature is expected to be 20.0-21.0°C. The relative humidity in the morning hours is expected to be 80-85 % and afternoon relative humidity is expected to be in the range of 60-65 %, Wind speed is expected to be 8-12 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.



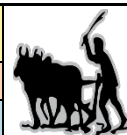
Recommendations to the farmers: -

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 and Diseases	Weather-Based Agromet Advisory
Late Kharif land preparation			Procure high-quality seeds and fertilizers for the late 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			
Chrysanthemum	Flowering	Aphids	Avoid overhead sprinkler irrigation to protect the open flower blooms from rotting. Instead, apply light drip irrigation at the base, and lay down organic mulch (crop residues/dry straw) to prevent soil moisture evaporation. Spraying a 1% Potassium Nitrate solution (10 g per liter of water) increases the flower size and enhances its post-harvest shelf life
Grapes	Vegetative stage	Thrips	Install Blue Sticky Traps (15/acre). Spray Spinosad @ 0.3ml/ l of water or Neem Oil @ 3ml/ l of water Apply recommended nitrogen and magnesium sulphate fertilizers in split doses for vigorous vegetative growth.
Tomato	Fruit development and maturity stage	Mites and fruit borer	Continue irrigation at regular intervals. Watch for mites and fruit borer incidence under dry conditions. Spray calcium nitrate (0.5%) to reduce blossom end rot incidence. Avoid excessive nitrogen during fruiting stage.
Rose	Flowering stage	Aphids	Maintain regular irrigation at 4-6 days 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 and maturity stage	Fruit fly	Apply recommended dose of potash to improve fruit size and quality. Foliar spray of micronutrients (Zn + Boron) if deficiency symptoms appear. Maintain uniform soil moisture by providing regular drip irrigation. Avoid sudden heavy watering after a dry spell, as fluctuating moisture levels cause fruit cracking. Use Methyl eugenol traps (10/acre) for fruit fly.
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Livestock, Poultry, and Sericulture Advisory	
Sector	Weather-Based Advisory
Livestock	1. Provide dry and clean shelter; avoid animals standing in wet areas. 2. Monitor for tick and mite infestations; use approved acaricides if needed. 3. Provide balanced feed and mineral supplements. 4. Provide shade, proper ventilation, and sprinkle water on shed roof if needed during peak afternoon heat. 5. 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. 3. Provide fresh, tender leaves in required quantity. Avoid wilted leaves. 4. 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)					
DEVANAHALLI BLOCK					
Parameter	22.08.2026	23.08.2026	24.08.2026	25.08.2026	26.08.2026
Rainfall (mm)	1	1	3	4	1
Max. Temp (°C)	29	29	29	28	29
Min. Temp (°C)	20	21	21	21	21
Sky condition (Octas)	5	7	5	7	7
Relative humidity (%) 0830 hours	83	85	84	85	85
Relative humidity (%) 1730 hours	49	49	50	55	53
Wind Speed (kmph)	13	22	22	22	23
Wind Direction	283	266	262	264	263

DODDABALLAPURA BLOCK					
Parameter	22.08.2026	23.08.2026	24.08.2026	25.08.2026	26.08.2026
Rainfall (mm)	2	1	3	7	2
Max. Temp (°C)	29	29	29	28	28
Min. Temp (°C)	20	20	21	21	21
Sky condition (Octas)	5	7	6	7	6
Relative humidity (%) 0830 hours	86	87	87	88	89
Relative humidity (%) 1730 hours	51	52	54	59	58
Wind Speed (kmph)	8	17	17	16	17

Wind Direction	280	257	250	252	248
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HOSKOTE BLOCK					
Parameter	22.08.2026	23.08.2026	24.08.2026	25.08.2026	26.08.2026
Rainfall (mm)	2	1	3	5	1
Max. Temp (°C)	29	29	29	28	29
Min.Temp (°C)	21	21	21	21	21
Sky condition (Octas)	5	7	5	7	7
Relative humidity (%) 0830 hours	83	85	83	85	85
Relative humidity (%) 1730 hours	49	49	50	55	53
Wind Speed (kmph)	13	22	21	22	23
Wind Direction	283	267	263	264	263

NELAMANGALA BLOCK					
Parameter	22.08.2026	23.08.2026	24.08.2026	25.08.2026	26.08.2026
Rainfall (mm)	2	3	6	10	2
Max. Temp (°C)	29	28	28	28	29
Min.Temp (°C)	20	21	21	21	21
Sky condition (Octas)	5	7	4	7	7
Relative humidity (%) 0830 hours	93	90	92	91	92
Relative humidity (%) 1730 hours	54	60	59	58	61
Wind Speed (kmph)	2	15	15	16	16
Wind Direction	315	260	248	252	246

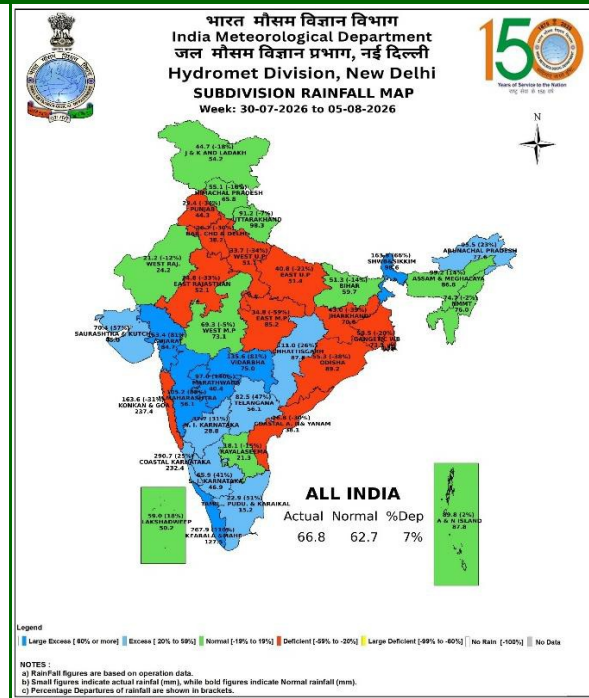
- Download “DAMINI” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “MAUSAM” APP for location specific forecast & warning & “MEGHDOOT” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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

Realized Rainfall and Extended Range Forecast (Rainfall and Temperature)

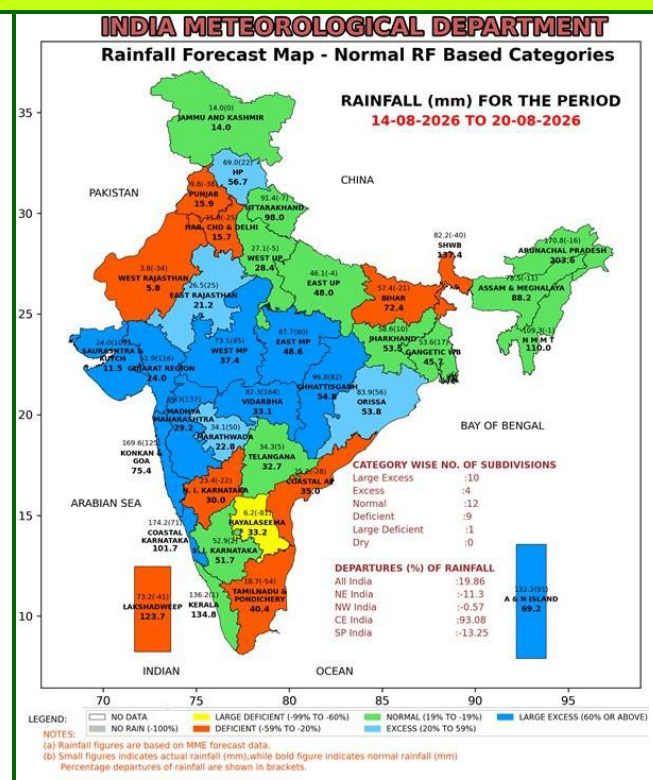
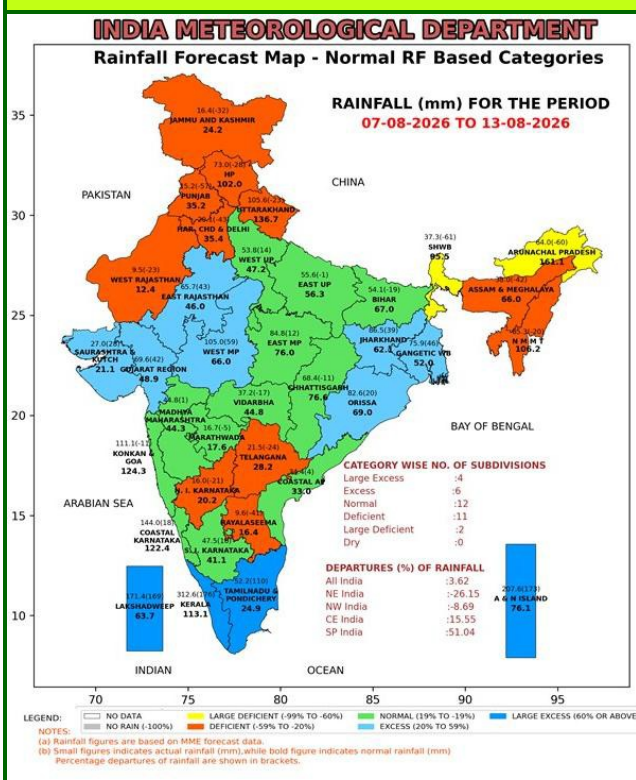
Realized Rainfall
(23rd July to 05th August, 2026)



- 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.

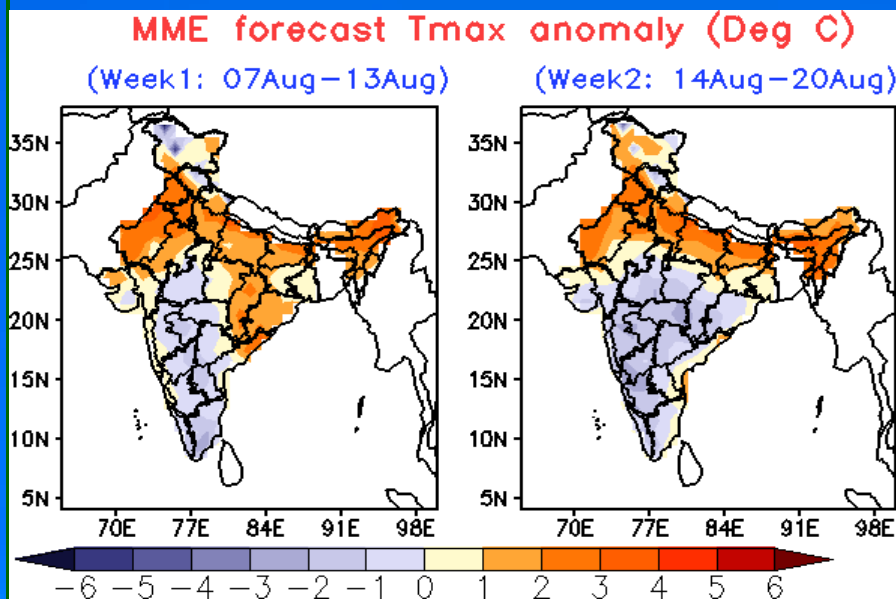
Extended Range Forecast System

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



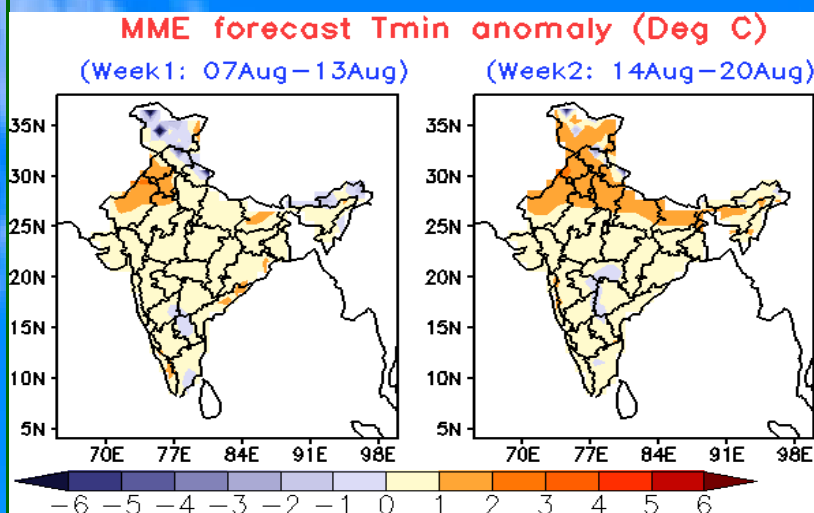
- **Week 1 (07.08.2026 to 13.08.2026):** Rainfall is likely to be above normal over Kerala, many parts of Madhya Pradesh, Jharkhand, West Bengal, Odisha and some parts of Coastal Karnataka, Tamil Nadu, Gujarat, East Rajasthan & Uttar Pradesh. However, it is likely to be below normal over Arunachal Pradesh, 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.

