UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU & INDIA METEOROLOGICAL DEPARTMENT

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

Date:17-02-2026

AGRO-ADVISORY BULLETIN FOR BENGALURU RURAL DISTRICT

Issued jointly by UAS, Bangalore & Indian Meteorological Department

Past Weather Data (13-02-2026 to 17-02-2026)

Parameter	13.02.2026	14.02.2026	15.02.2026	16.02.2026	17.02.2026
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 18-02-2026 to 22-02-2026)

Parameter	18.02.2026	19.02.2026	20.02.2026	21.02.2026	22.02.2026
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	31	32	31	32	31
Min. Temp. (°C)	18	19	18	19	18
Sky condition (Octas)	4	4	3	4	4
Relative humidity (%) 0830 hours	52	53	54	52	53
Relative humidity (%) 1730 hours	31	32	31	30	29
Wind Speed (kmph)	4	6	6	4	6
Wind Direction	122	115	118	99	98

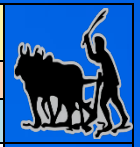
Forecast Summary

As forecast received from IMD, cloudy sky with No rain expected from 18-02-2026 to 22-02-2026 in Bengaluru Rural District. The day temperature is expected to be 31.0-32.0°C and night temperature is expected to be 18.0-19.0°C. The relative humidity in the morning hours is expected to be 52-54 % and afternoon relative humidity is expected to be in the range of 29-32 %, Wind speed is expected to be 4-6 km/hr.

SMS Advisory

Due to low temperature in night promotes flower drop and flower to fruit setting ratio was drastically decreased observed in mango orchard.

Recommendations to the farmers: -			
Crop	**Pest/Disease**	**Damage symptoms**	**Control measures**
General Advisory:			



Field Crops

1. Right time for harvesting, drying, cleaning and storage of Rabi crops.
2. Apply **neem leaves/neem powder** in grain bags as a natural repellent.
3. For long-term storage of pulses, store with **tri-sodium phosphate (TSP) treated** gunny sacks to reduce bruchid attack.

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.

Livestock & Poultry

1. Maintain optimum lighting schedule to support winter egg production.
2. Give dry fodder and provide shelter to animals in evening higher humidity.
3. Maintain hygiene in sheds to prevent infections.

Crop	Stage	Pest and Diseases	Weather-Based Agromet Advisory
Cowpea	Post harvest		Harvest the matured pod and dry in clean tarpaulins until grain moisture reaches about 15%.
Field bean	Harvesting stage and Post harvest		Harvest the matured pod and dry in clean tarpaulins until grain moisture reaches about 15%.
Chilli	Fruit development and maturity stage	Thrips	Spray Carbendazim 1 g/l of water or Copper oxychloride 2.5 g/l of water for anthracnose. For thrips, use Fipronil 1 g/l of water or Neem oil 3 ml/l of water. Avoid water stagnation in crop field. 
Rose	Flowering stage	Aphids	Harvest during late morning after temperature rises; avoid late-evening irrigation; prefer light irrigation during daytime. To control of aphids in rose to spray Dimethoate 30 EC @ 1.7 ml/litre of water.
Guava	Fruit development and Ripening stage	Fruit fly	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. Spray Imidacloprid 0.3 ml/L for control of aphids and mealy bug infestation. Apply UV-stabilized weed mats around crop rows or tree basins to effectively block sunlight and suppress weed growth.

Livestock, Poultry, and Sericulture Advisory	
Sector	**Weather-Based Advisory**

Livestock	1. Provide dry and clean shelter; avoid animals standing in wet areas. 2. Provide ample clean drinking water. 3. Monitor for tick and mite infestations; use approved acaricides if needed. 4. Provide balanced feed and mineral supplements. 5. Minimum temperatures cause cold stress in young calves/kids. Provide bedding (dry straw) and night shelter to reduce cold exposure.
Sericulture	Humid and rainy conditions increase **grasserie, flacherie and fungal** diseases 1. Maintain proper rearing house hygiene, clean and disinfect trays. 2. The recommendation of farmers closes the windows with tarpaulins sheet during night hours to maintain optimum room temperature. 3. Avoid wet or damp mulberry leaves, use air-dried or well-drained leaves.
Poultry	1. Cool early mornings need **brooder temperature maintenance** for chicks. 2. Maintain poultry shed dryness; use **lime powder** to reduce moisture. 3. Provide **electrolytes + vitamins** in water for immunity. 4. Cool, humid mornings favor: **CRD (Chronic Respiratory Disease), Coccidiosis, Colibacillosis-** Follow routine vaccinations strictly (Ranikhet, IBD). 5. Maintain optimum lighting schedule to support winter egg production.

Block level weather forecast (From 18-02-2026 to 22-02-2026)					
DEVANAHALLI BLOCK					
Parameter	**18.02.2026**	**19.02.2026**	**20.02.2026**	**21.02.2026**	**22.02.2026**
Rainfall (mm)	0	0	0	0	0
Max. Temp (°C)	30	31	31	31	30
Min.Temp (°C)	15	16	16	17	19
Sky condition (Octas)	3	1	2	4	4
Relative humidity (%) 0830 hours	73	78	77	85	88
Relative humidity (%) 1730 hours	18	17	26	35	39
Wind Speed (kmph)	12	12	10	14	12
Wind Direction	94	104	103	99	97

DODDABALLAPURA BLOCK					
Parameter	**18.02.2026**	**19.02.2026**	**20.02.2026**	**21.02.2026**	**22.02.2026**
Rainfall (mm)	0	0	0	0	0
Max. Temp (°C)	31	31	31	31	31
Min.Temp (°C)	15	16	16	17	18
Sky condition (Octas)	3	1	3	3	5
Relative humidity (%) 0830 hours	69	75	75	84	88
Relative humidity (%) 1730 hours	17	15	23	33	34
Wind Speed (kmph)	11	12	12	14	12
Wind Direction	113	118	119	112	112

HOSKOTE BLOCK

Parameter	18.02.2026	19.02.2026	20.02.2026	21.02.2026	22.02.2026
Rainfall (mm)	0	0	0	0	0
Max. Temp (°C)	30	31	31	31	30
Min.Temp (°C)	15	15	16	17	19
Sky condition (Octas)	3	1	2	4	5
Relative humidity (%) 0830 hours	75	79	78	86	89
Relative humidity (%) 1730 hours	18	17	26	35	39
Wind Speed (kmph)	11	12	9	13	12
Wind Direction	96	105	108	101	97

NELAMANGALA BLOCK					
Parameter	18.02.2026	19.02.2026	20.02.2026	21.02.2026	22.02.2026
Rainfall (mm)	0	0	0	0	0
Max. Temp (°C)	30	31	31	31	30
Min.Temp (°C)	15	16	16	18	19
Sky condition (Octas)	3	1	3	3	3
Relative humidity (%) 0830 hours	65	77	75	82	83
Relative humidity (%) 1730 hours	18	17	26	34	40
Wind Speed (kmph)	12	13	14	15	13
Wind Direction	100	100	105	105	106

- 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

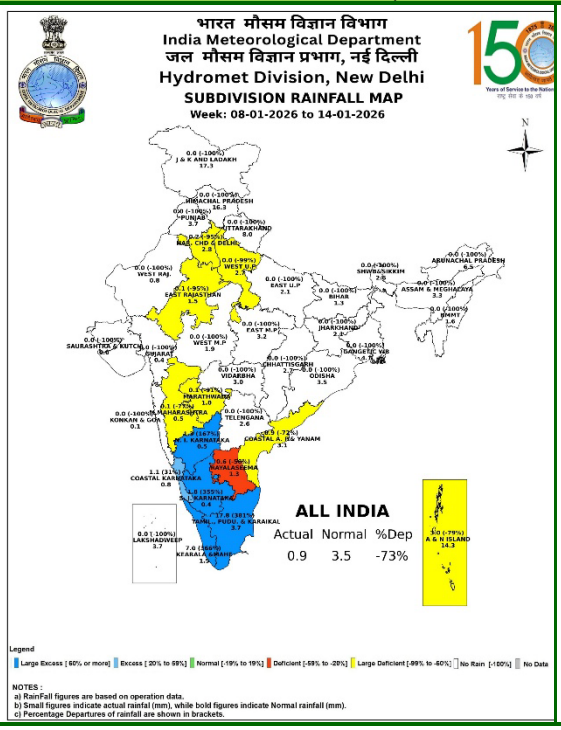
Realized Rainfall and Extended Range Forecast

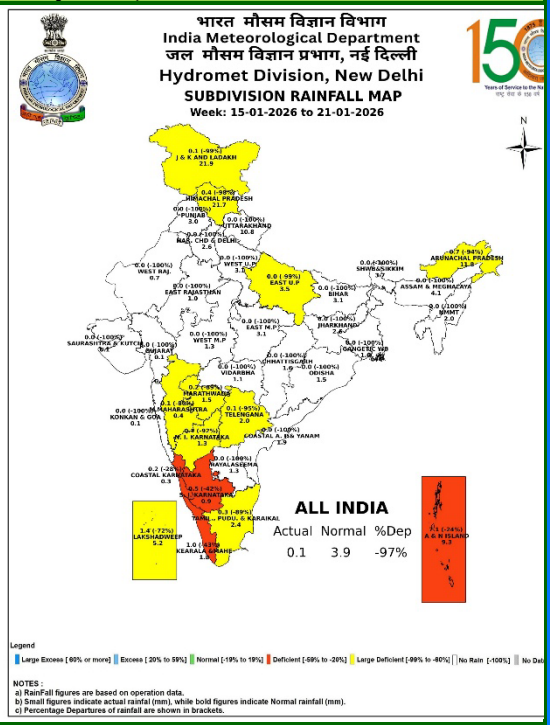
(वर्षा और तापमान)

(Rainfall and Temperature)

Realized Rainfall

(08th to 21st January 2026)

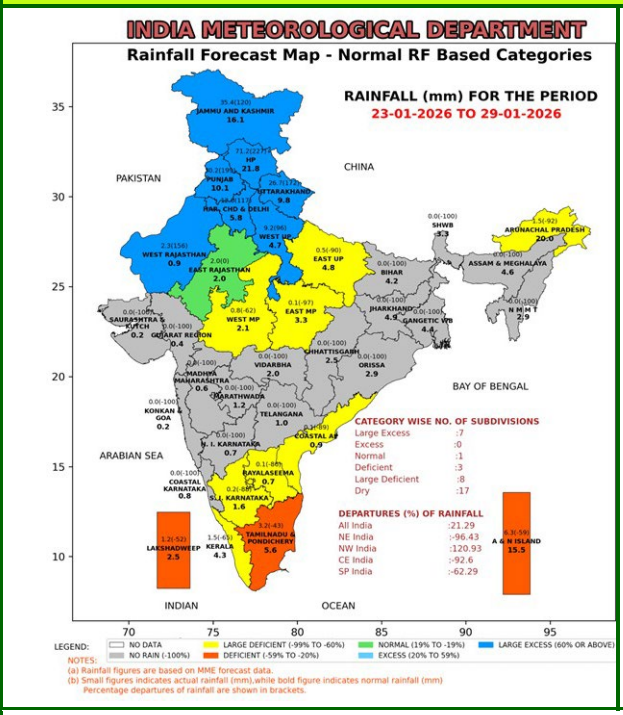


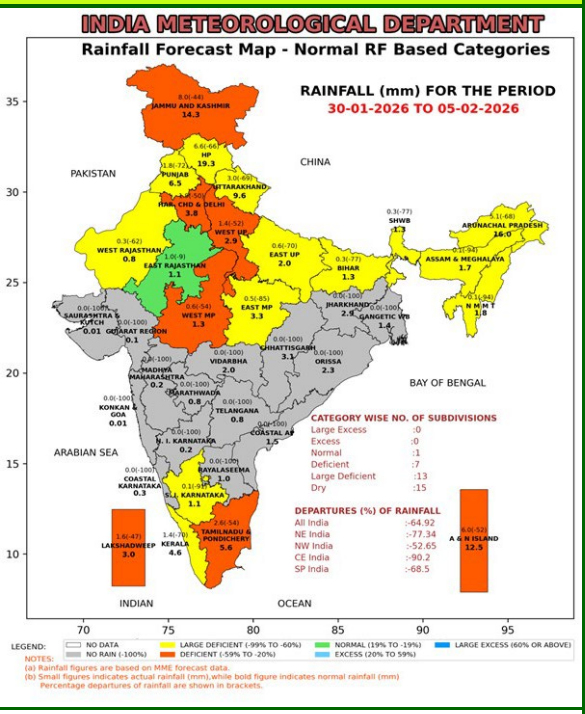


- Normal or above normal rainfall occurred in either of the two weeks over Karnataka, Kerala & Mahe and Tamil Nadu-Puducherry-Karaikal.
- Below Normal rainfall / No rain occurred in both the weeks over rest of the States & UTs.

Extended Range Forecast System

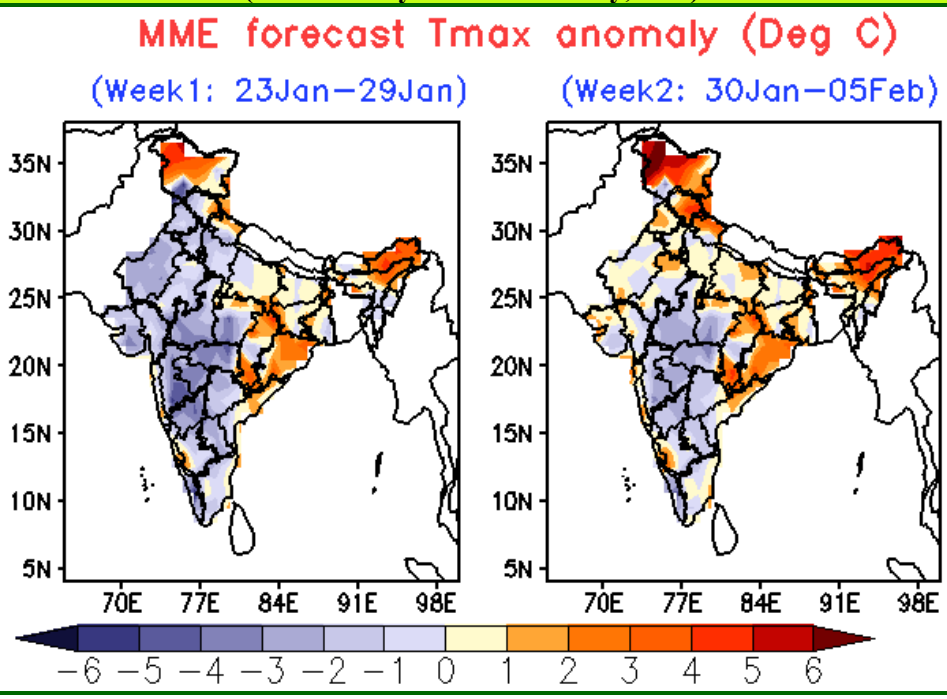
Rainfall forecast maps for the next 2 weeks (IC- 21st January,2026)
(23rd January to 05th February, 2026)





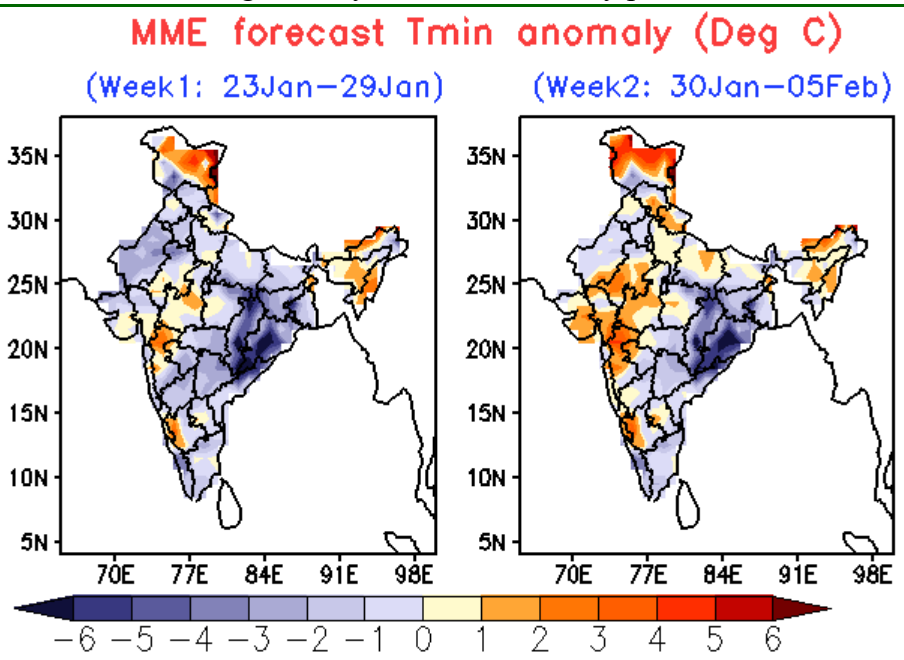
- **Week 1 (23.01.2025 to 29.01.2026):** Rainfall associated with Western Disturbance is likely to be above normal over many parts of Northwest India.
- **Week 2 (30.01.2025 to 05.02.2026):** Rainfall activity is likely over Jammu & Kashmir, Himachal Pradesh and Arunachal Pradesh.

Maximum and Minimum temperature anomaly (˚C) forecast
for the next 2 weeks (IC- 21st January,2026)
(23rd January to 05th February,2026)



Maximum Temperature (Tmax)

- **Week 1 (23.01.2025 to 29.01.2026):** Maximum temperature is likely to be above normal over Jammu & Kashmir, Chhattisgarh, Odisha, Arunachal Pradesh, Assam, North Coastal Andhra Pradesh and some parts of Uttarakhand. However, it is likely to be below normal over Punjab, Haryana, Rajasthan, West India and many parts of Central & South India.
- **Week 2 (30.01.2025 to 05.02.2026):** Maximum temperature is likely to be above normal over North West India, Chhattisgarh, Odisha, Arunachal Pradesh, Assam and parts of Coastal Andhra Pradesh & South Karnataka. However, it is likely to be below normal over North Karnataka, Telangana, Rayalaseema and many parts of Central & West India.



Minimum Temperature (Tmin)

- **Week 1 (23.01.2025 to 29.01.2026):** Minimum temperature is likely to be below normal over Chhattisgarh, Vidarbha and many parts of North West, East & South India. However, it is likely to be above normal over North East India, many parts of Jammu & Kashmir and some parts of West Madhya Pradesh, Madhya Maharashtra & South Karnataka.
- **Week 2 (30.01.2025 to 05.02.2026):** Minimum temperature is likely to be below normal over East India, West Rajasthan, Chhattisgarh, Telangana, Kerala and Tamil Nadu. However, it is likely to be above normal over many parts of North West India, North East India, Gujarat, Madhya Pradesh, Madhya Maharashtra and South Karnataka.