32 UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU & INDIA METEOROLOGICAL DEPARTMENT

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Date:02-01-2026

AGRO-ADVISORY BULLETIN FOR BENGALURU RURAL DISTRICT

Issued jointly by UAS, Bangalore & Indian Meteorological Department

Past Weather Data (29-12-2025 to 02-01-2026)

Parameter	29.12.2025	30.12.2025	31.12.2025	01.01.2026	02.01.2026
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 03-01-2026 to 07-01-2026)

Parameter	03.01.2026	04.01.2026	05.01.2026	06.01.2026	07.01.2026
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	26	27	26	27	26
Min. Temp. (°C)	19	18	19	18	19
Sky condition (Octas)	3	3	1	3	2
Relative humidity (%) 0830 hours	93	92	88	90	92
Relative humidity (%) 1730 hours	48	38	35	32	29
Wind Speed (kmph)	4	6	4	6	4
Wind Direction	113	111	360	80	99

Forecast Summary

As forecast received from IMD, cloudy sky with No rain expected from 03-01-2026 to 07-01-2026 in Bengaluru Rural District. The day temperature is expected to be 26.0-27.0°C and night temperature is expected to be 18.0-19.0°C. The relative humidity in the morning hours is expected to be 88-93 % and afternoon relative humidity is expected to be in the range of 29-48 %, Wind speed is expected to be 4-6 km/hr.

SMS Advisory

Avoid pruning, fertilizer application and growth regulator sprays during cold wave conditions. Cloudy weather, cool nights may increase fungal disease risk—monitor crops closely and ensure fields have good drainage.

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. Stake/support tomato, chilli, and creepers against lodging due to winds.
2. Watch for fruit borer and shoot borer in fruit development stage.
3. Spray the chemicals early morning and late evening for better pest and disease control.

Livestock & Poultry

1. Give dry fodder and provide shelter to animals in evening higher humidity.
2. Maintain hygiene in sheds to prevent infections.

Crop	Stage	Weather-Based Agromet Advisory
Ragi	Post harvest	Dry the harvested ear heads on clean tarpaulins until grain moisture reaches about 12%.
Redgram	Harvesting and Post harvest stage	Harvest the matured pod or whole dry plants and dry in 3-4 days and separate the seeds and store in cool places The grain moisture reaches about 14%.
Maize	Post harvest	Store grains at **12% moisture** or below. Store grains in **air-tight, moisture-proof bags** (HDPE, PICS, or gunny bags with polyliners).
Sunflower	Post harvest	Ensure quick drying of harvested crop. Spread seeds thinly and sun-dry for **1–2 days** until seed moisture reaches **8–10%**.
Tomato	Fruit development	Higher humidity increases **late blight** and **fruit borer** incidence. Spray Copper oxychloride @2 g/l of water or Metalaxyl + Mancozeb @2 g/l of water. Drench Trichoderma harzianum biopesticide 5 g/l of water. Install pheromone traps (10/acre). Avoid excessive nitrogen and sprinkler irrigation. 
Cowpea	Harvesting and Post harvest stage	Harvest the matured pod and dry in clean tarpaulins until grain moisture reaches about 15%.
Field bean	Harvesting and Post harvest stage	Harvest the matured pod and dry in clean tarpaulins until grain moisture reaches about 15%.
Chilli	Fruit development and maturity stage	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	Powdery mildew *Trichoderma spp./Bacillus subtilis* foliar spray @5 g/l of water

		Chemical control: Spray Wettable Sulphur @ 2 g/litre Spray Imidacloprid 17.8 SL @ 0.3 ml/litre for control of aphids Install the sticky yellow traps to reduce the pest population.
Guava	Fruit development	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 03-01-2026 to 07-01-2026)					
DEVANAHALLI BLOCK					
Parameter	**03.01.2026**	**04.01.2026**	**05.01.2026**	**06.01.2026**	**07.01.2026**
Rainfall (mm)	0	0	0	0	0
Max. Temp (°C)	27.2	27.1	26.6	26.4	25.8
Min.Temp (°C)	17.5	16.2	14.8	14.4	14.5
Sky condition (Octas)	2	3	2	1	3
Relative humidity (%) 0830 hours	87.2	89.3	88.2	90.7	92.8
Relative humidity (%) 1730 hours	40.5	36.8	30.8	33	37.3
Wind Speed (kmph)	8.8	12.4	12.2	10.4	11.7
Wind Direction	109.2	100	90	76	79.4

DODDABALLAPURA BLOCK					
Parameter	**03.01.2026**	**04.01.2026**	**05.01.2026**	**06.01.2026**	**07.01.2026**
Rainfall (mm)	0	0	0	0	0
Max. Temp (°C)	27.2	27.1	26.9	26.7	26.1
Min.Temp (°C)	17.4	16.5	14.9	14.5	14.4
Sky condition (Octas)	3	3	2	1	2
Relative humidity (%) 0830 hours	88.2	86.2	85.2	88.6	89.7
Relative humidity (%) 1730 hours	39.6	35.1	29.7	30.8	34.4
Wind Speed (kmph)	9.5	13.5	10.9	10.1	10.1
Wind Direction	127.3	118.6	95.7	90	90

HOSKOTE BLOCK					
Parameter	**03.01.2026**	**04.01.2026**	**05.01.2026**	**06.01.2026**	**07.01.2026**
Rainfall (mm)	0	0	0	0	0
Max. Temp (°C)	27.1	26.9	26.6	26.2	25.7
Min.Temp (°C)	17.2	16.1	14.5	14.2	14.2
Sky condition (Octas)	2	3	2	1	2
Relative humidity (%) 0830 hours	88.2	90.4	89.3	91.8	93.8
Relative humidity (%) 1730 hours	40.7	37.2	31	33.4	37.8
Wind Speed (kmph)	8.7	11.7	11.9	10	11.4
Wind Direction	114.4	100.6	90	75.5	79

NELAMANGALA BLOCK					
Parameter	**03.01.2026**	**04.01.2026**	**05.01.2026**	**06.01.2026**	**07.01.2026**
Rainfall (mm)	0	0	0	0	0
Max. Temp (°C)	27.2	26.9	26.7	26.7	26.5
Min.Temp (°C)	16.7	16.2	14.7	14	14.7
Sky condition (Octas)	1	2	2	0	1
Relative humidity (%) 0830 hours	91.8	89.2	90.2	90	88.8
Relative humidity (%) 1730 hours	41	40.6	30.2	31.2	38.3
Wind Speed (kmph)	7.3	11.8	11.4	9.8	11.2
Wind Direction	110.2	102.3	79	66.3	75.1

- 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

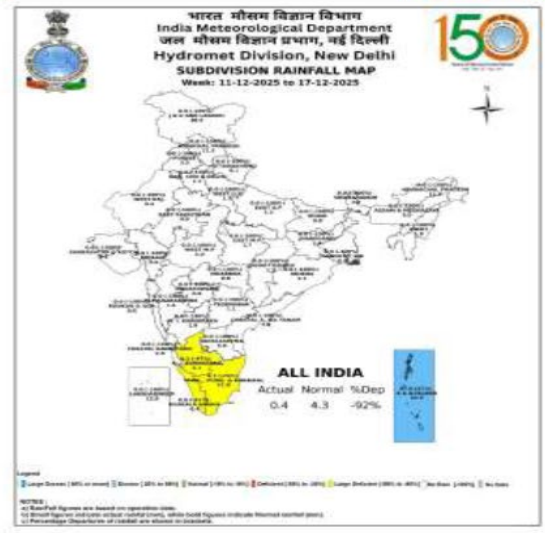
Realized Rainfall and Extended Range Forecast

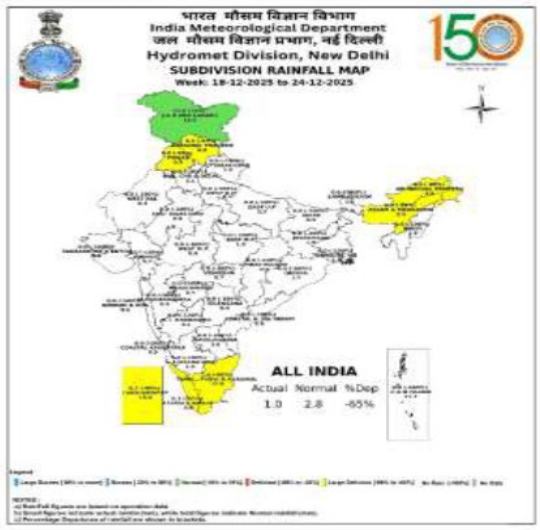
(वर्षा और तापमान)

(Rainfall and Temperature)

Realized Rainfall

(11th to 24th December, 2025)

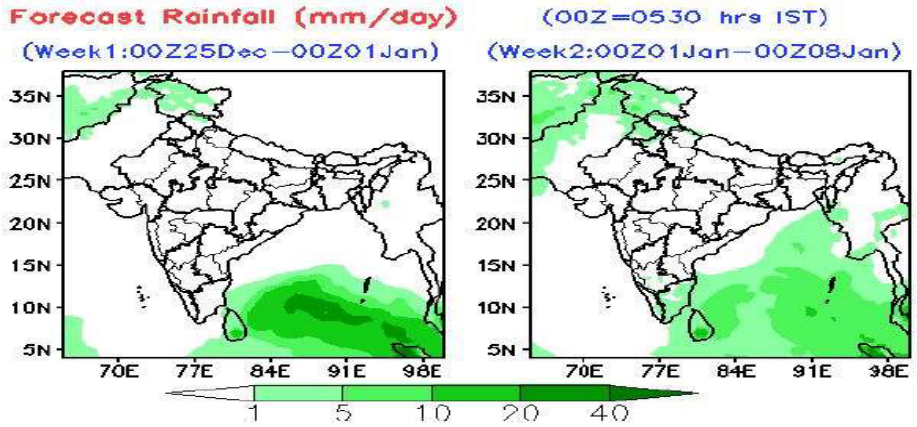




- Normal or above normal rainfall occurred in either of the two weeks over Jammu & Kashmir and Andaman & Nicobar Islands.
- Below Normal rainfall / No rain occurred in both the weeks over rest of the States & UTs.

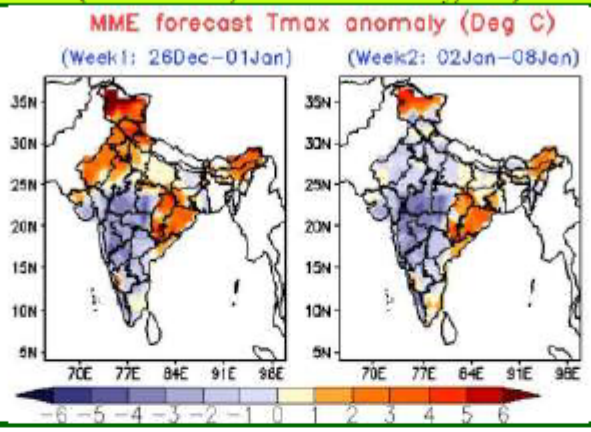
Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 24th December, 2025)
(26th December, 2025 to 08th January, 2026)



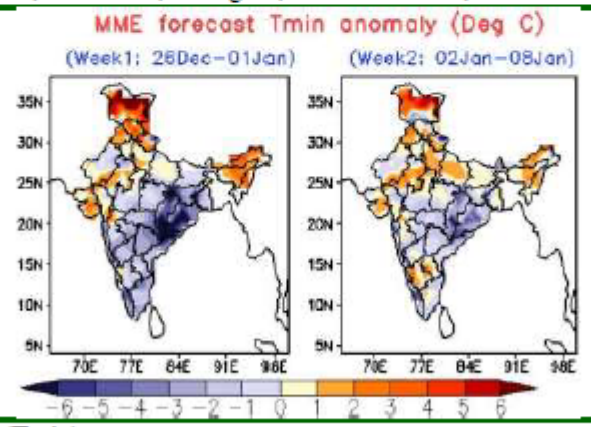
- **Week 1 (26.12.2025 to 01.01.2026):** Rainfall is likely over Jammu & Kashmir and Andaman & Nicobar Islands.
- **Week 2 (02.01.2025 to 08.01.2026):** Rainfall is likely over Jammu & Kashmir, Himachal Pradesh, Punjab, Tamil Nadu, Kerala and Andaman & Nicobar Islands.

Maximum and Minimum temperature anomaly (°C) forecast
for the next 2 weeks (IC- 24th December, 2025)
(26th December, 2025 to 08th January, 2026)



Maximum Temperature (Tmax)

- **Week 1 (26.12.2025 to 01.01.2026):** Maximum temperature is likely to be above normal over North West India, North East India, Chhattisgarh, Odisha and North Coastal Andhra Pradesh. However, it is likely to be below normal over many part of Central India, West India and South India.
- **Week 2 (02.01.2025 to 08.01.2026):** Maximum temperature is likely to be above normal over Jammu & Kashmir, Chhattisgarh, Odisha, Arunachal Pradesh, Assam, some parts of Gangetic West Bengal, Tamil Nadu and Coastal Andhra Pradesh. However, it is likely to be below normal over many parts of North West India, Central India, West India, Telangana, North Karnataka, Kerala and Andhra Pradesh.



Minimum Temperature (Tmin)

- **Week 1 (26.12.2025 to 01.01.2026):** Minimum temperature is likely to be below normal over East India, Central India, Maharashtra and South India and above normal over North West India, North East India, Gujarat and parts of Bihar.
- **Week 2 (02.01.2025 to 08.01.2026):** Minimum temperature is likely to be below normal over Odisha, Chhattisgarh, Telangana, Coastal Andhra Pradesh and many parts of Maharashtra. However, it is likely to be above normal over many parts of North West India, North East India, Gujarat, Bihar and Karnataka.