32 UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU & INDIA METEOROLOGICAL DEPARTMENT

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Date:26-12-2025

AGRO-ADVISORY BULLETIN FOR BENGALURU RURAL DISTRICT

Issued jointly by UAS, Bangalore & Indian Meteorological Department

Past Weather Data (22-12-2025 to 26-12-2025)

Parameter	22.12.2025	23.12.2025	24.12.2025	25.12.2025	26.12.2025
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 27-12-2025 to 31-12-2025)

Parameter	27.12.2025	28.12.2025	29.12.2025	30.12.2025	31.12.2025
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	28	27	28	28	28
Min. Temp. (°C)	17	16	17	16	17
Sky condition (Octas)	3	2	1	3	3
Relative humidity (%) 0830 hours	84	85	84	85	83
Relative humidity (%) 1730 hours	38	37	36	35	38
Wind Speed (kmph)	4	6	4	6	4
Wind Direction	95	104	360	82	360

Forecast Summary

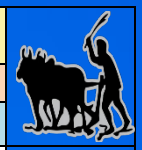
As forecast received from IMD, cloudy sky with No rain expected from 27.12.2025 to 31.12.2025 in Bengaluru Rural District. The day temperature is expected to be 27.0-28.0°C and night temperature is expected to be 16.0-17.0°C. The relative humidity in the morning hours is expected to be 83-85 % and afternoon relative humidity is expected to be in the range of 35-38 %, 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 kharif 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	Harvesting stage	Harvest finger millet when ear heads turn brown and grains become hard, preferably during clear and dry weather to avoid shattering losses. Dry the harvested ear heads on clean tarpaulins until grain moisture reaches about 12%.
Redgram	Maturity stage and Harvesting stage	Cloudy and humid weather may increase **Pod borer** and **Sterility mosaic** incidence. To control of fruit borer in redgram to spray Indoxacarb 14.5 SC @ 0.5 ml/litre of water **or** spray Chlorantraniliprole 8.5 SC @ 0.3 ml/litre of water
Maize	Post harvest	Ensure quick drying of harvested crop. 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	Flowering and pod development stage	To control of Aphids to spray Dimethoate 30 EC @ 1.75 ml/liter of water
Field bean	Flowering and pod development stage	To control of Aphids to spray Dimethoate 30 EC @ 1.75 ml/liter of water. Pod borer control spray Chlorantraniliprole 0.3 ml/litre of water.

Chilli	Fruit development 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 27-12-2025 to 31-12-2025)					
DEVANAHALLI BLOCK					
Parameter	**27.12.2025**	**28.12.2025**	**29.12.2025**	**30.12.2025**	**31.12.2025**
Rainfall (mm)	0	0	0	0	0
Max. Temp (°C)	26	26	26	27	28
Min.Temp (°C)	15	14	14	15	16
Sky condition (Octas)	3	1	1	3	3
Relative humidity (%) 0830 hours	93	93	94	95	87

Relative humidity (%) 1730 hours	37	32	34	39	35
Wind Speed (kmph)	8	12	12	9	9
Wind Direction	75	94	88	72	85

DODDABALLAPURA BLOCK					
Parameter	**27.12.2025**	**28.12.2025**	**29.12.2025**	**30.12.2025**	**31.12.2025**
Rainfall (mm)	0	0	0	0	0
Max. Temp (°C)	27	26	26	27	28
Min.Temp (°C)	15	14	13	14	16
Sky condition (Octas)	2	1	1	3	3
Relative humidity (%) 0830 hours	92	94	94	95	85
Relative humidity (%) 1730 hours	33	31	30	38	34
Wind Speed (kmph)	8	11	11	7	7
Wind Direction	100	109	106	84	96

HOSKOTE BLOCK					
Parameter	**27.12.2025**	**28.12.2025**	**29.12.2025**	**30.12.2025**	**31.12.2025**
Rainfall (mm)	0	0	0	0	0
Max. Temp (°C)	26	26	26	26	28
Min.Temp (°C)	14	14	14	14	16
Sky condition (Octas)	3	1	1	3	3
Relative humidity (%) 0830 hours	93	94	95	96	87
Relative humidity (%) 1730 hours	37	33	34	39	35
Wind Speed (kmph)	8	11	12	9	8
Wind Direction	79	94	90	71	85

NELAMANGALA BLOCK					
Parameter	**27.12.2025**	**28.12.2025**	**29.12.2025**	**30.12.2025**	**31.12.2025**
Rainfall (mm)	0	0	0	0	0
Max. Temp (°C)	27	27	27	27	28
Min.Temp (°C)	15	15	14	15	17
Sky condition (Octas)	3	2	1	2	3
Relative humidity (%) 0830 hours	91	92	93	95	84
Relative humidity (%) 1730 hours	31	31	32	42	40
Wind Speed (kmph)	8	11	11	10	11
Wind Direction	95	96	85	82	100

- 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

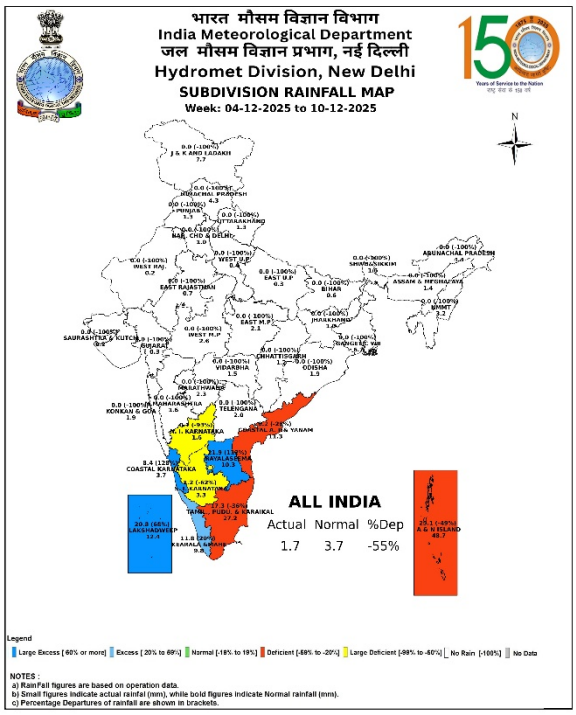
AMFU of IMD,

AICRP-AM, Bengaluru

वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान
Realized Rainfall and Extended Range Forecast
(वर्षा और तापमान)
(Rainfall and Temperature)

Realized Rainfall

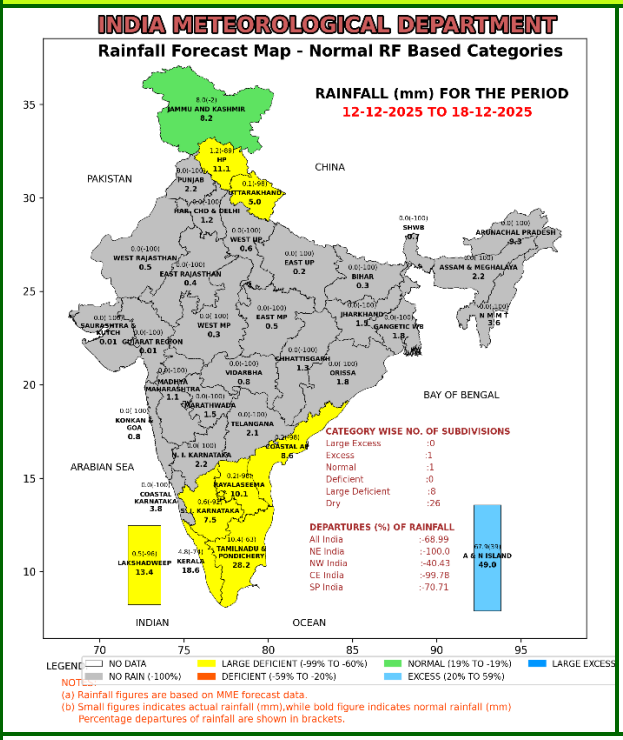
(20th November to 03rd December, 2025)

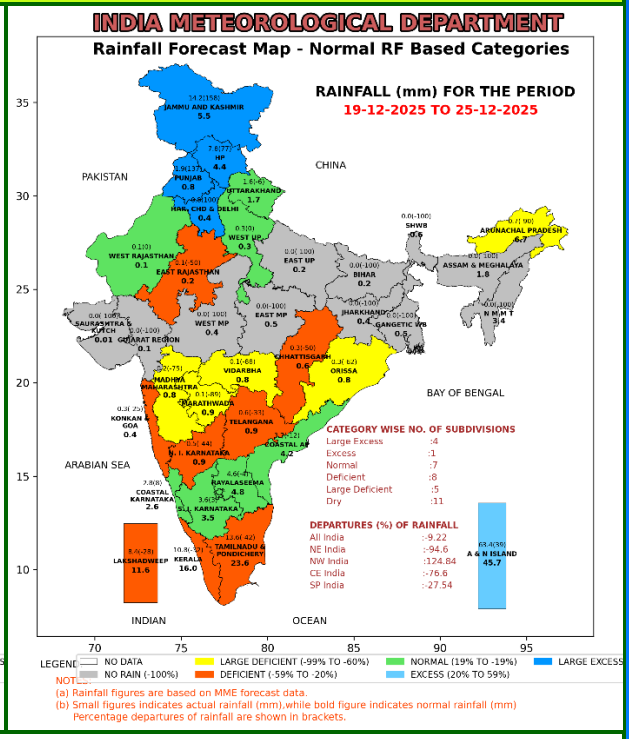


- Normal or above normal rainfall occurred in both the weeks over Rayalaseema and Kerala & Mahe.
- Normal or above normal rainfall occurred in either of the two weeks over Coastal Andhra Pradesh, Tamil Nadu Karaikal & Puducherry, Coastal Karnataka and Lakshadweep.
- Below Normal rainfall / No rain occurred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

Extended Range Forecast System

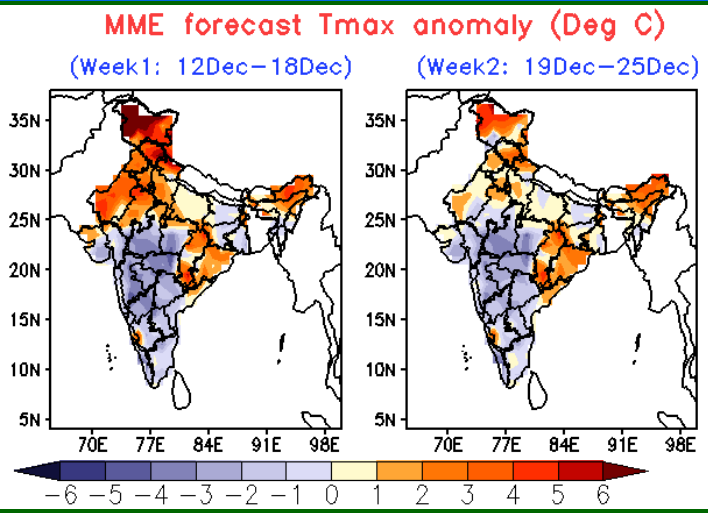
Rainfall forecast maps for the next 2 weeks (IC- 10th December, 2025)
(12th December to 25th December, 2025)





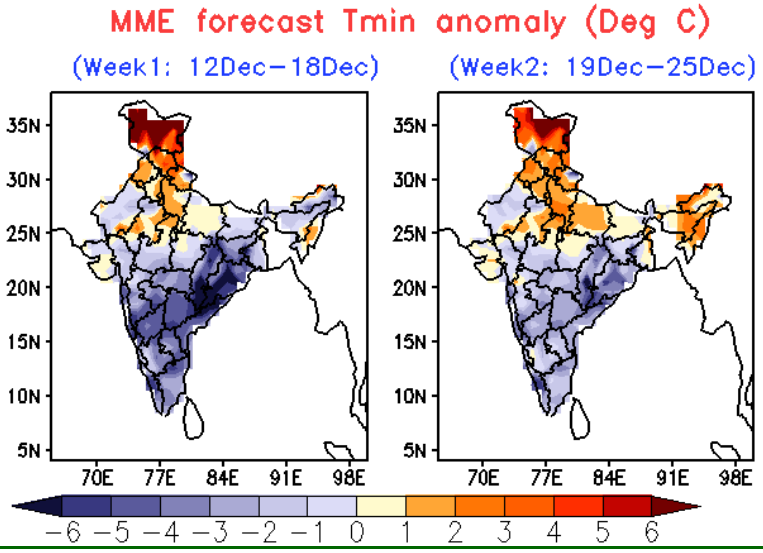
- **Week 1 (12.12.2025 to 18.12.2025):** Rainfall activity is likely over Jammu & Kashmir, Tamil Nadu and some parts of Kerala.
- **Week 2 (19.12.2025 to 25.12.2025):** Rainfall activity is likely over Jammu & Kashmir, Himachal Pradesh, Tamil Nadu, Kerala and some parts of Andhra Pradesh. Rainfall is likely to be above normal over Jammu & Kashmir.

Maximum and Minimum temperature anomaly (°C) forecast
for the next 2 weeks (IC- 10th December, 2025)
(12th December to 25th December, 2025)



Maximum Temperature (Tmax)

- **Week 1 (12.12.2025 to 18.12.2025):** Maximum temperature is likely to be above normal over North West India, Chhattisgarh, Odisha, Arunachal Pradesh, Assam, North Coastal Andhra Pradesh and some parts of South Karnataka. However, it is likely to be below normal over many parts of Central India, West India, South India and East India.
- **Week 2 (19.12.2025 to 25.12.2025):** Maximum temperature is likely to be above normal over North West India, Chhattisgarh, Odisha, Arunachal Pradesh, Assam, North Coastal Andhra Pradesh and some parts of South Karnataka. However, it is likely to be below normal over many parts of Central India, West India, South India and Bihar.



Minimum Temperature (Tmin)

- **Week 1 (12.12.2025 to 18.12.2025):** Minimum temperature is likely to be above normal over many parts of North West India. However, it is likely to be below normal over rest of the country.
- **Week 2 (19.12.2025 to 25.12.2025):** Minimum temperature is likely to be above normal over many parts of North West India and North East India. However, it is likely to be below normal over West Rajasthan, Central India and many parts of East India, South India and West India.