

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



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Bengaluru – 560 065**



Date:09-12-2025

**AGRO-ADVISORY BULLETIN FOR BENGALURU URBAN DISTRICT
Issued jointly by UAS, Bangalore & Indian Meteorological Department**

Past Weather Data (05-12-2025 to 09-12-2025)

Parameter	05.12.2025	06.12.2025	07.12.2025	08.12.2025	09.12.2025
Rainfall (mm)	0	0.2	0	0	0
Max. Temp. (°C)	27.6	25.4	27.0	27.4	27.8
Min. Temp. (°C)	19.8	17.4	17.4	17.2	17.8
Sky condition (Octas)	4	4	0	0	0
Relative humidity (%) 0830 hours	89	89	88	81	79
Relative humidity (%) 1730 hours	62	56	59	38	--
Wind Speed (km/h)	7.3	7.4	6.2	5.2	5.7
Wind Direction	90	45	90	90	90



Weather forecast for the next five days (From 10-12-2025 to 14-12-2025)

Parameter	10.12.2025	11.12.2025	12.12.2025	13.12.2025	14.12.2025
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	29	30	29	29	29
Min. Temp. (°C)	16	15	16	15	16
Sky condition (Octas)	3	4	2	3	2
Relative humidity (%) 0830 hours	80	80	81	82	80
Relative humidity (%) 1730 hours	39	32	33	37	36
Wind Speed (kmph)	4	4	4	4	4
Wind Direction	63	62	63	61	68

Forecast Summary

As forecast received from IMD, cloudy sky with **No rain** expected from **10.12.2025 to 14.12.2025** in Bengaluru Urban District. The day temperature is expected to be 29.0-30.0°C and night temperature is expected to be 15.0-16.0°C. The relative humidity in the morning hours is expected to be 80-82 % and afternoon relative humidity is expected to be in the range of 33-37 %, Wind speed is expected to be 4 km/hr.

SMS Advisory

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
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General Advisory:

Field Crops

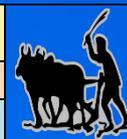
1. Right time for harvesting, drying, cleaning and storage of kharif crops.
2. Apply **neem leaves/neem powder** in grain bags as a natural repellent.
3. For long-term storage of pulses, store with **tri-sodium phosphate (TSP) treated** gunny sacks to reduce bruchid attack.

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	Pod development and maturity 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 <u>EC</u> @ 1.75 ml/liter of water
Field bean	Flowering and pod development stage	To control of Aphids to spray Dimethoate 30 <u>EC</u> @ 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 <i>Trichoderma spp./Bacillus subtilis</i> 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 (<i>Bactrocera spp.</i>) spray entomopathogenic fungus (<i>Beauveria bassiana</i>) @ 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.

Livestock, Poultry, and Sericulture Advisory

Sector	Weather-Based Advisory
Livestock	<ol style="list-style-type: none"> 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	<p>Humid and rainy conditions increase grasserie, flacherie and fungal diseases</p> <ol style="list-style-type: none"> 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	<ol style="list-style-type: none"> 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 10-12-2025 to 14-12-2025)

BENGALURU EAST BLOCK

Parameter	10.12.2025	11.12.2025	12.12.2025	13.12.2025	14.12.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	26	26	26	26	27
Min.Temp (°C)	15	16	15	14	14
Sky condition (Octas)	2	3	2	2	2
Relative humidity (%) 0830 hours	78	83	92	90	92
Relative humidity (%) 1730 hours	47	34	38	30	27

Wind Speed (kmph)	13	13	13	13	10
Wind Direction	54	60	63	63	56

BENGALURU NORTH BLOCK

Parameter	10.12.2025	11.12.2025	12.12.2025	13.12.2025	14.12.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	26	26	26	26	27
Min.Temp (°C)	15	16	15	14	14
Sky condition (Octas)	2	3	2	2	2
Relative humidity (%) 0830 hours	78	83	92	90	92
Relative humidity (%) 1730 hours	47	34	38	30	27
Wind Speed (kmph)	13	13	13	13	10
Wind Direction	54	60	63	63	56

BENGALURU SOUTH BLOCK

Parameter	10.12.2025	11.12.2025	12.12.2025	13.12.2025	14.12.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	26	26	26	26	27
Min.Temp (°C)	15	16	15	14	14
Sky condition (Octas)	2	3	2	2	2
Relative humidity (%) 0830 hours	78	83	92	90	92
Relative humidity (%) 1730 hours	47	34	38	30	27
Wind Speed (kmph)	13	13	13	13	10
Wind Direction	54	60	63	63	56

ANEKAL BLOCK

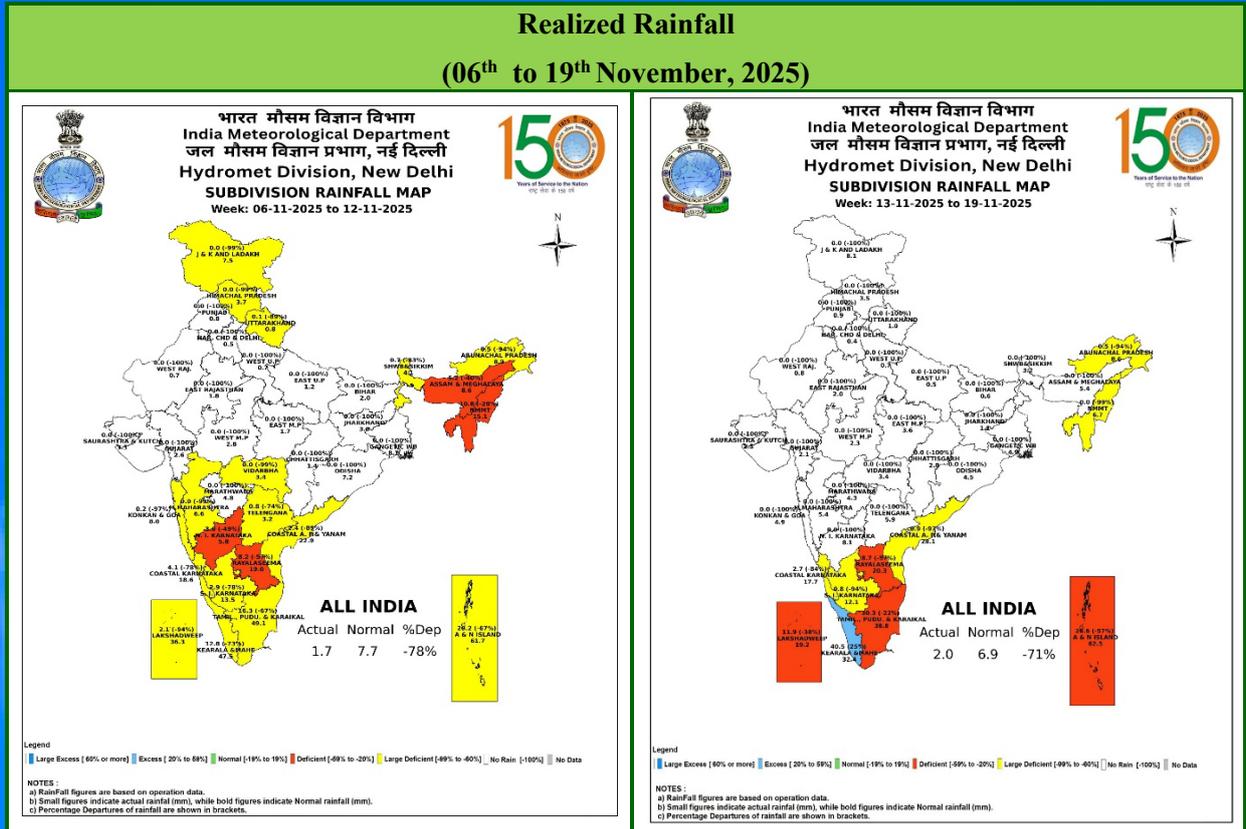
Parameter	10.12.2025	11.12.2025	12.12.2025	13.12.2025	14.12.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	25	25	25	25	26
Min.Temp (°C)	14	15	14	13	12
Sky condition (Octas)	3	4	2	2	2
Relative humidity (%) 0830 hours	90	92	97	96	96
Relative humidity (%) 1730 hours	54	40	44	38	33
Wind Speed (kmph)	12	11	10	11	10
Wind Direction	58	61	65	65	56

- 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,

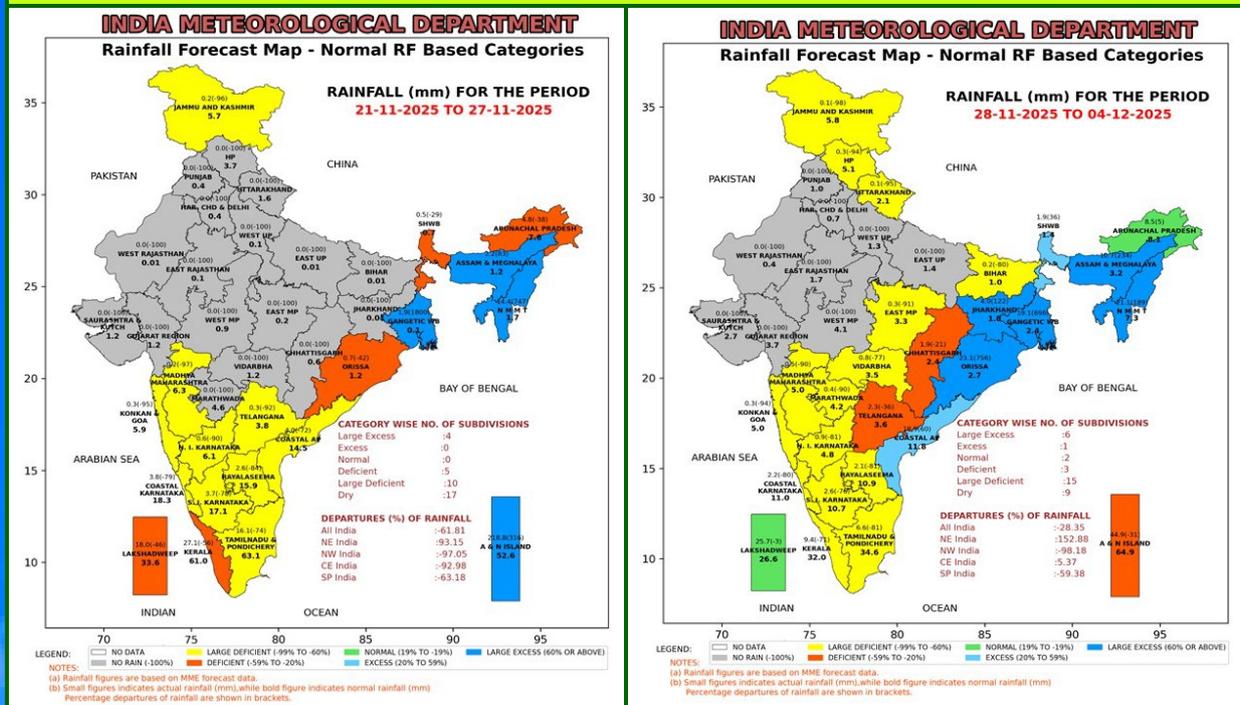
वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान
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Realized Rainfall and Extended Range Forecast
 (वर्षा और तापमान)
(Rainfall and Temperature)



- Normal or above normal rainfall occurred in either of the two weeks over Kerala & Mahe.
- 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- 19th November, 2025) (21st November to 04th December, 2025)



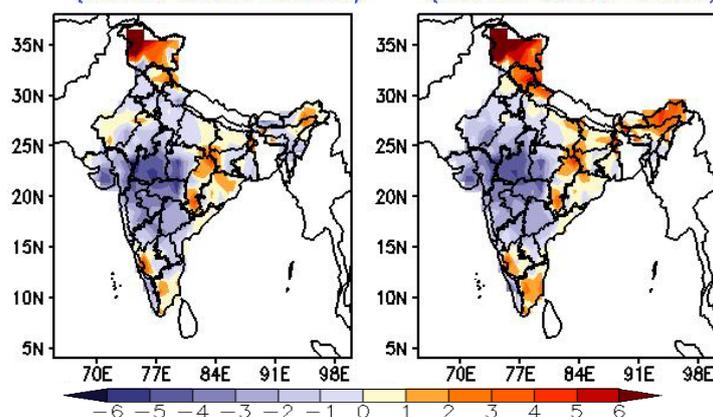
- **Week 1(21.11.2025 to 27.11.2025):** Rainfall is likely to be below normal over Kerala, Tamil Nadu and South Karnataka.
- **Week 2 (28.11.2025 to 04.12.2025):** Rainfall is likely to be above normal over Gangetic West Bengal, coastal regions of Odisha and Northern parts of Coastal Andhra Pradesh. However, it is likely to be below normal over Kerala, Tamil Nadu and some parts of South Karnataka.

**Maximum and Minimum temperature anomaly (°C) forecast
for the next 2 weeks (IC- 19th November, 2025)
(21st November to 04th December, 2025)**

MME forecast Tmax anomaly (Deg C)

(Week1: 21Nov-27Nov)

(Week2: 28Nov-04Dec)



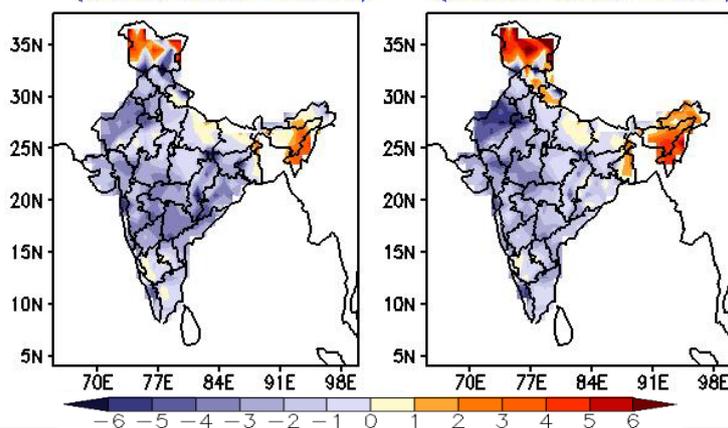
Maximum Temperature (Tmax)

- **Week 1 (21.11.2025 to 27.11.2025):** Maximum temperature is likely to be above normal over Jammu & Kashmir, Himachal Pradesh, West Rajasthan, Bihar, Arunachal Pradesh, Chhattisgarh, Odisha, Tamil Nadu, South Karnataka and some parts of East Uttar Pradesh. However, it is likely to be below normal over rest of the country.
- **Week 2 (28.11.2025 to 04.12.2025):** Maximum temperature is likely to be above normal over East India, North East India, Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Chhattisgarh, Tamil Nadu and South Karnataka. However, it is likely to be below normal over rest of the country.

MME forecast Tmin anomaly (Deg C)

(Week1: 21Nov-27Nov)

(Week2: 28Nov-04Dec)



Minimum Temperature (Tmin)

- **Week 1 (21.11.2025 to 27.11.2025):** Minimum temperature is likely to be below normal over most parts of the country except Jammu & Kashmir and North East India.
- **Week 2 (28.11.2025 to 04.12.2025):** Minimum temperature is likely to be below normal over most parts of the country except North East India, Jammu & Kashmir, Himachal Pradesh, Uttarakhand and Gangetic West Bengal.

