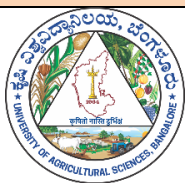


**UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &
INDIA METEOROLOGICAL DEPARTMENT**



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



Date:05-12-2025

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

Past Weather Data (01-12-2025 to 05-12-2025)

Parameter	01.12.2025	02.12.2025	03.12.2025	04.12.2025	05.12.2025
Rainfall (mm)	2.2	0	0	0	0
Max. Temp. (°C)	20.8	22.2	25	25.2	26.8
Min. Temp. (°C)	17.2	18.6	17.8	18.4	19.2
Sky condition (Octas)	6	6	6	6	6
Relative humidity (%) 0830 hours	92	91	96	89	93
Relative humidity (%) 1730 hours	87	95	96	96	93
Wind Speed (km/h)	2	2	2	2	2
Wind Direction	50	50	50	50	50



Weather forecast for the next five days (From 06-12-2025 to 10-12-2025)

Parameter	06.12.2025	07.12.2025	08.12.2025	09.12.2025	10.12.2025
Rainfall (mm)	1	0	0	0	0
Max. Temp. (°C)	26	27	27	26	27
Min. Temp. (°C)	19	18	19	19	20
Sky condition (Octas)	5	4	3	1	3
Relative humidity (%) 0830 hours	92	92	94	92	94
Relative humidity (%) 1730 hours	65	57	59	62	61
Wind Speed (kmph)	6	4	6	4	6
Wind Direction	60	51	54	45	50

Forecast Summary

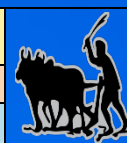
As forecast received from IMD, cloudy sky with **No rain** expected from **06.12.2025 to 10.12.2025** in **Kolar** District. The day temperature is expected to be 26.0-27.0°C and night temperature is expected to be 18.0-20.0°C. The relative humidity in the morning hours is expected to be 92-94 % and afternoon relative humidity is expected to be in the range of 57-65 %, Wind speed is expected to be 4-6 km/hr.

SMS Advisory

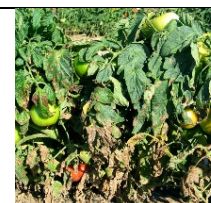
Cloudy weather, cool nights and intermittent rainfall may increase fungal disease risk—monitor crops closely and ensure fields have good drainage.



Recommendations to the farmers: -			
Crop	Pest/Disease	Damage symptoms	Control measures
General Advisory:			
Field Crops <ol style="list-style-type: none"> 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 <ol style="list-style-type: none"> 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 <ol style="list-style-type: none"> 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).
Groundnut	Post harvest	Ensure quick drying of harvested crop. Store at 8–9% moisture for safe long-term storage. Use fumigation with Aluminium Phosphide only by trained personnel. Store grains in air-tight, moisture-proof bags (HDPE, PICS, or gunny bags with polyliners).
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 @ 1.75</u> ml/liter of water
Field bean	Flowering and pod development stage	To control of Aphids to spray Dimethoate 30 <u>EC @ 1.75</u> 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.
Mango		Apply Zinc sulphate (3 g/L) + Boric acid (1 g/L) once in November to improve flower bud formation. 1. Maintain stress conditions (no irrigation) for flowering induction.

Livestock, Poultry, and Sericulture Advisory (Very light Rainfall & High Temperature)	
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 06-12-2025 to 10-12-2025)**BANGARPET BLOCK**

Parameter	06.12.2025	07.12.2025	08.12.2025	09.12.2025	10.12.2025
Rainfall (mm)	1	0	0	0	0
Max. temp (°C)	25	25	26	25	25
Min.Temp (°C)	17	17	16	15	15
Sky condition (Octas)	4	3	2	3	1
Relative humidity (%) 0830 hours	95	96	98	96	94
Relative humidity (%) 1730 hours	69	64	55	50	45
Wind Speed (kmph)	8	9	8	7	8
Wind Direction	69	36	35	20	22

KOLAR BLOCK

Parameter	06.12.2025	07.12.2025	08.12.2025	09.12.2025	10.12.2025
Rainfall (mm)	1	0	0	0	0
Max. temp (°C)	24	25	25	25	25
Min.Temp (°C)	17	16	15	15	15
Sky condition (Octas)	5	4	3	3	1
Relative humidity (%) 0830 hours	95	96	95	90	90
Relative humidity (%) 1730 hours	69	60	50	43	42
Wind Speed (kmph)	11	8	7	6	6
Wind Direction	68	50	51	50	43

MALUR BLOCK

Parameter	06.12.2025	07.12.2025	08.12.2025	09.12.2025	10.12.2025
Rainfall (mm)	1	0	0	0	0
Max. temp (°C)	24	25	26	25	25
Min.Temp (°C)	17	16	16	15	15
Sky condition (Octas)	5	4	3	2	1
Relative humidity (%) 0830 hours	95	95	95	90	90
Relative humidity (%) 1730 hours	68	60	49	42	40
Wind Speed (kmph)	12	10	8	6	7
Wind Direction	69	54	56	55	47

MULBAGIL BLOCK

Parameter	06.12.2025	07.12.2025	08.12.2025	09.12.2025	10.12.2025
Rainfall (mm)	1	0	0	0	0
Max. temp (°C)	25	25	25	25	25
Min.Temp (°C)	18	16	15	15	14

Sky condition (Octas)	4	3	2	2	1
Relative humidity (%) 0830 hours	96	97	98	97	95
Relative humidity (%) 1730 hours	71	66	58	53	49
Wind Speed (kmph)	8	8	7	7	8
Wind Direction	66	36	33	18	19

SRINIVASPURA BLOCK					
Parameter	06.12.2025	07.12.2025	08.12.2025	09.12.2025	10.12.2025
Rainfall (mm)	1	0	0	0	0
Max. temp (°C)	24	25	25	25	25
Min.Temp (°C)	17	16	15	15	15
Sky condition (Octas)	5	4	3	2	1
Relative humidity (%) 0830 hours	96	96	95	91	90
Relative humidity (%) 1730 hours	68	60	51	46	45
Wind Speed (kmph)	8	7	6	4	5
Wind Direction	54	45	40	59	42

KGF BLOCK					
Parameter	06.12.2025	07.12.2025	08.12.2025	09.12.2025	10.12.2025
Rainfall (mm)	2	0	0	0	0
Max. temp (°C)	26	26	27	27	27
Min.Temp (°C)	19	18	17	17	17
Sky condition (Octas)	5	4	3	2	3
Relative humidity (%) 0830 hours	91	92	94	87	88
Relative humidity (%) 1730 hours	66	63	53	46	44
Wind Speed (kmph)	6	8	5	5	6
Wind Direction	43	20	16	4	353

- 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**

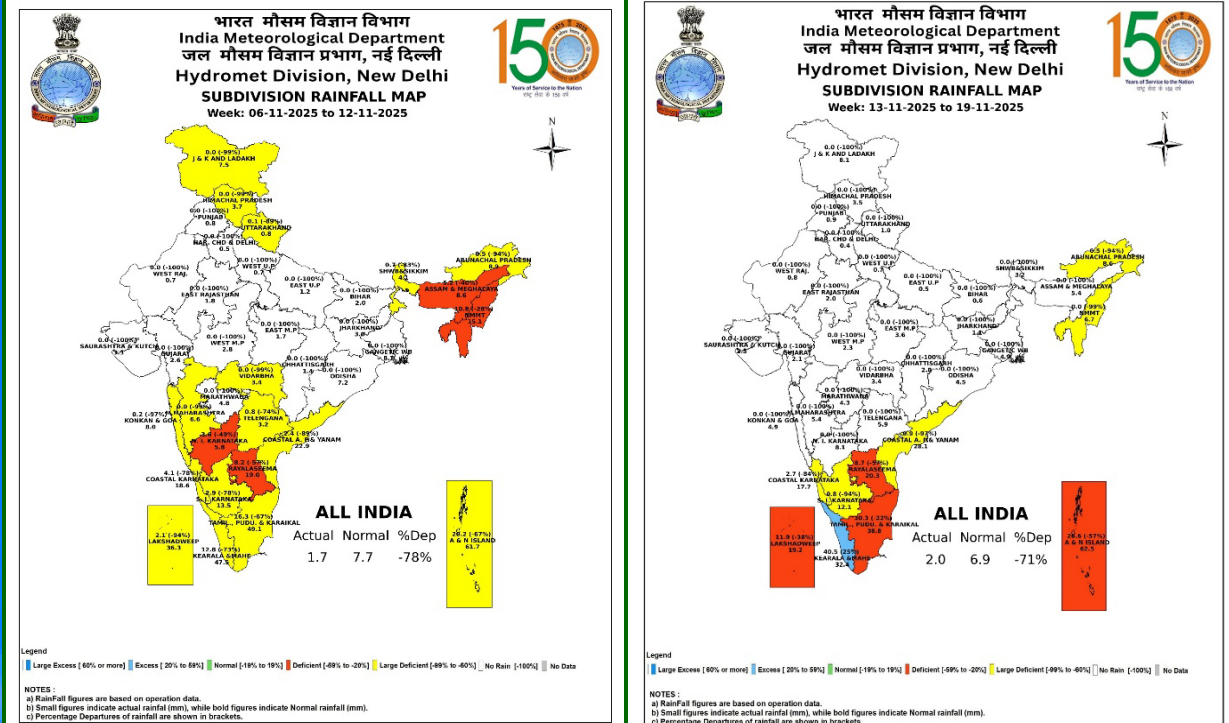
AMFU of IMD,
AICRP-AM, Bengaluru

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

(Rainfall and Temperature)

Realized Rainfall

(06th to 19th November, 2025)

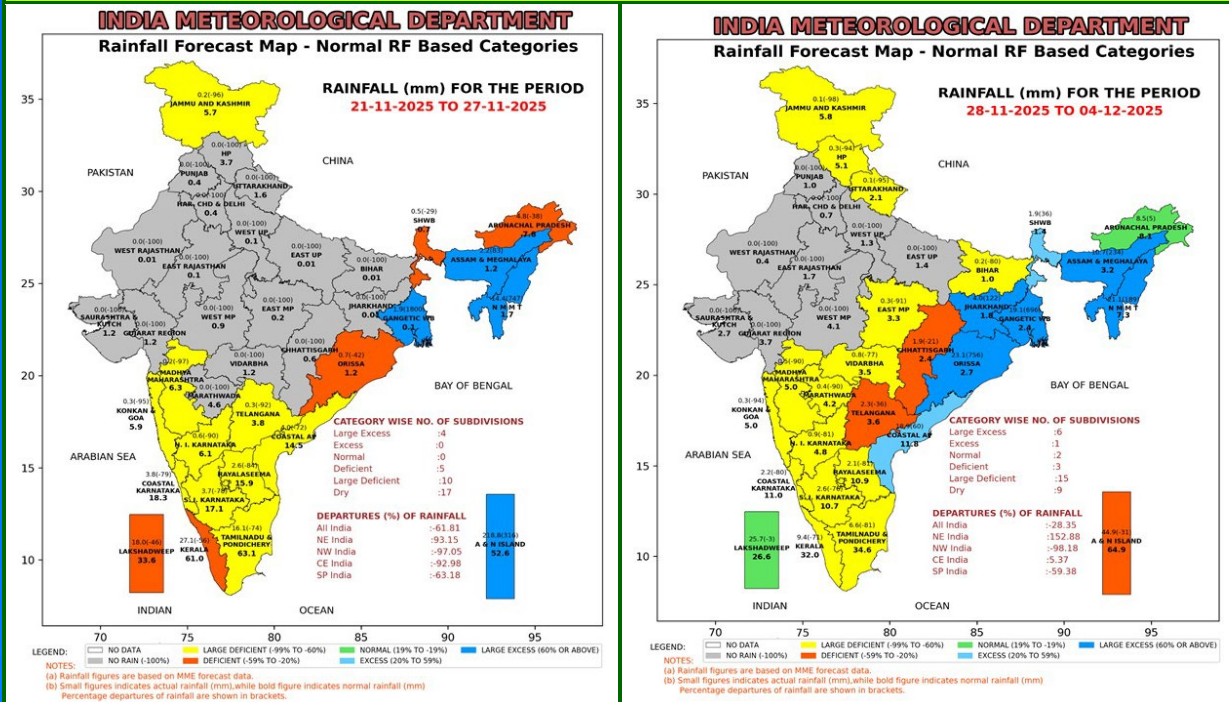


- Normal or above normal rainfall occurred in either of the two weeks over Kerala & Mahe.
- Below Normal rainfall/ No rain occurred in both the weeks over rest of the States & UTs.

Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 19th November, 2025)

(21st November to 04th December, 2025)



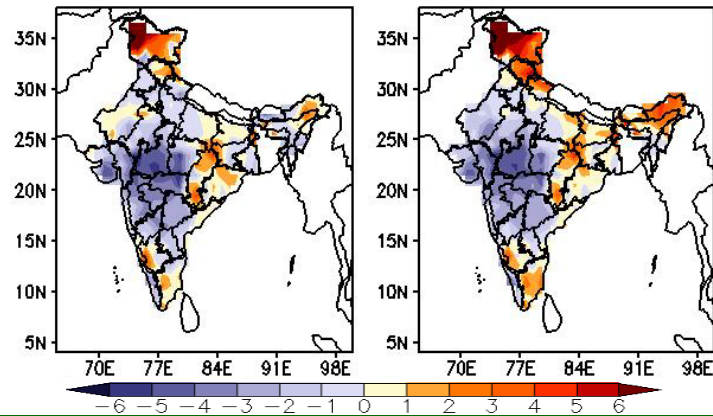
- **Week 1(21.11.2025 to 27.11.2025):** Rainfall is likely to be below normal over Kerala, Tamil Nadu and South Karnataka.
- **Week 2 (28.11.2025 to 04.12.2025):** Rainfall is likely to be above normal over Gangetic West Bengal, coastal regions of Odisha and Northern parts of Coastal Andhra Pradesh.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



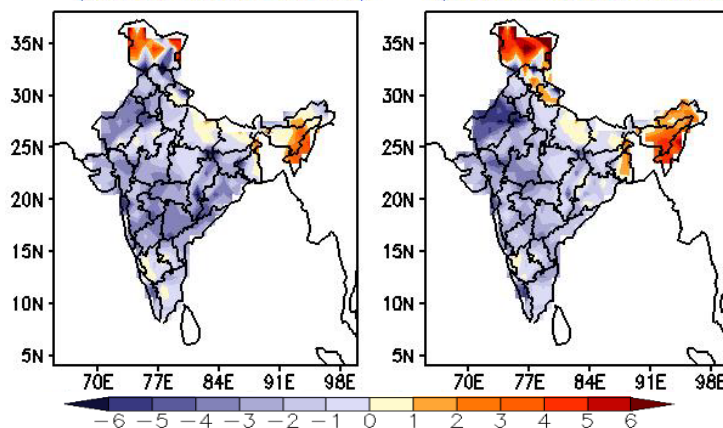
Maximum Temperature (Tmax)

- **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.

