UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &
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Date: 16-01-2026

AGRO-ADVISORY BULLETIN FOR KOLAR DISTRICT

Issued jointly by UAS, Bangalore & Indian Meteorological Department

Past Weather Data (12-01-2026 to 16-01-2026)

Parameter	12.01.2026	13.01.2026	14.01.2026	15.01.2026	16.01.2026
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	22.8	24.6	27.4	25.2	30
Min. Temp. (°C)	16.8	16.4	14.6	13.4	14.6
Sky condition (Octas)	6	6	6	6	6
Relative humidity (%) 0830 hours	83	87	82	71	86
Relative humidity (%) 1730 hours	72	113	72	99	
Wind Speed (km/h)	2	2	2	2	2
Wind Direction	50	50	50	50	50




Weather forecast for the next five days (From 17-01-2026 to 21-01-2026)

Parameter	17.01.2026	18.01.2026	19.01.2026	20.01.2026	21.01.2026
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	30	30	30	31	31
Min. Temp. (°C)	15	16	16	17	17
Sky condition (Octas)	1	3	1	1	1
Relative humidity (%) 0830 hours	85	85	80	78	78
Relative humidity (%) 1730 hours	30	28	28	26	25
Wind Speed (kmph)	6	6	5	5	6
Wind Direction	121	117	135	190	154

Forecast Summary

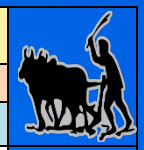
As forecast received from IMD, cloudy sky with No rain expected from 17-01-2026 to 21-01-2026 in Kolar District. The day temperature is expected to be 30.0-31.0°C and night temperature is expected to be 15.0-17.0°C. The relative humidity in the morning hours is expected to be 78-85 % and afternoon relative humidity is expected to be in the range of 25-30 %, Wind speed is expected to be 5-6 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	Post harvest	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%.
Tomato	Fruit Maturity	Avoid irrigation during this stage, especially under **cloudy or humid conditions**. Ensure **proper drainage** to avoid water stagnation. High humidity may favor **fruit rot, late blight, bacterial spot, and anthracnose**. Remove and destroy affected fruits to prevent spread. 
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 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	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	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.
Mango	Flowering stage	To control of green leaf hopper in Mango spray Imidacloprid 17.8 SL @ 0.3 ml /l of water To control of powdery mildew in Mango spray wettable sulphur @ 3 g /l of water in leaf and flower parts of affected parts. Avoid irrigation during flowering unless severe moisture stress is observed.

Livestock, Poultry, and Sericulture Advisory (Very light Rainfall & High Temperature	
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 17-01-2026 to 21-01-2026)					
BANGARPET BLOCK					
Parameter	**17.01.2026**	**18.01.2026**	**19.01.2026**	**20.01.2026**	**21.01.2026**
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	28	29	29	29	28
Min.Temp (°C)	13	12	12	13	13
Sky condition (Octas)	0	2	1	0	0
Relative humidity (%) 0830 hours	96	94	92	86	90
Relative humidity (%) 1730 hours	28	19	16	19	24
Wind Speed (kmph)	3	4	1	2	1
Wind Direction	90	49	45	217	207

KOLAR BLOCK					
Parameter	**17.01.2026**	**18.01.2026**	**19.01.2026**	**20.01.2026**	**21.01.2026**
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	28	28	29	29	29
Min.Temp (°C)	11	11	11	12	12
Sky condition (Octas)	0	2	1	0	0
Relative humidity (%) 0830 hours	96	96	91	90	91
Relative humidity (%) 1730 hours	29	20	13	17	21
Wind Speed (kmph)	4	3	3	4	3
Wind Direction	90	90	122	143	131

MALUR BLOCK					
Parameter	**17.01.2026**	**18.01.2026**	**19.01.2026**	**20.01.2026**	**21.01.2026**
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	28	29	29	29	28
Min.Temp (°C)	13	12	12	13	13
Sky condition (Octas)	1	1	1	0	0
Relative humidity (%) 0830 hours	93	92	88	82	87
Relative humidity (%) 1730 hours	26	18	14	17	23
Wind Speed (kmph)	5	6	3	3	4
Wind Direction	106	75	108	168	143

MULBAGIL BLOCK					
Parameter	**17.01.2026**	**18.01.2026**	**19.01.2026**	**20.01.2026**	**21.01.2026**
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	28	28	29	29	28
Min.Temp (°C)	12	12	12	12	13
Sky condition (Octas)	0	2	1	0	0
Relative humidity (%) 0830 hours	97	95	94	93	94
Relative humidity (%) 1730 hours	32	23	16	18	23
Wind Speed (kmph)	2	1	1	2	1
Wind Direction	68	45	153	166	153

SRINIVASPURA BLOCK					
Parameter	**17.01.2026**	**18.01.2026**	**19.01.2026**	**20.01.2026**	**21.01.2026**
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	28	29	29	29	28
Min.Temp (°C)	14	13	13	14	14
Sky condition (Octas)	0	1	1	0	0
Relative humidity (%) 0830 hours	96	93	91	86	87
Relative humidity (%) 1730 hours	28	19	14	18	22
Wind Speed (kmph)	5	4	4	6	5
Wind Direction	119	127	158	180	168

KGF BLOCK					
Parameter	**17.01.2026**	**18.01.2026**	**19.01.2026**	**20.01.2026**	**21.01.2026**
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	29	30	30	30	30
Min.Temp (°C)	16	15	14	14	15
Sky condition (Octas)	0	2	1	0	1
Relative humidity (%) 0830 hours	91	91	87	85	86
Relative humidity (%) 1730 hours	30	21	18	21	25
Wind Speed (kmph)	0	4	3	2	3
Wind Direction	270	349	333	321	326

- 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

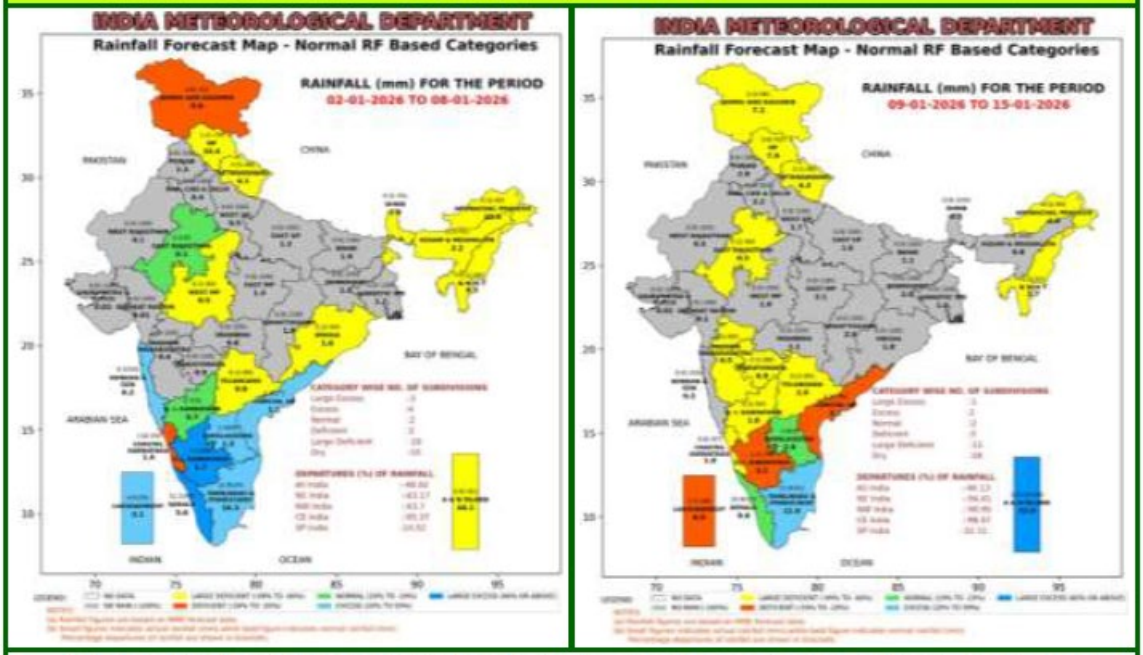
AMFU of IMD,

AICRP-AM, Bengaluru

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

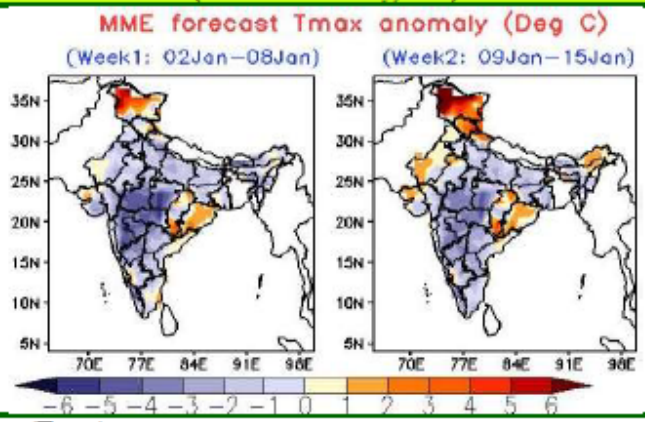
Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 31st December, 2025)
(02nd to 15th January, 2026)



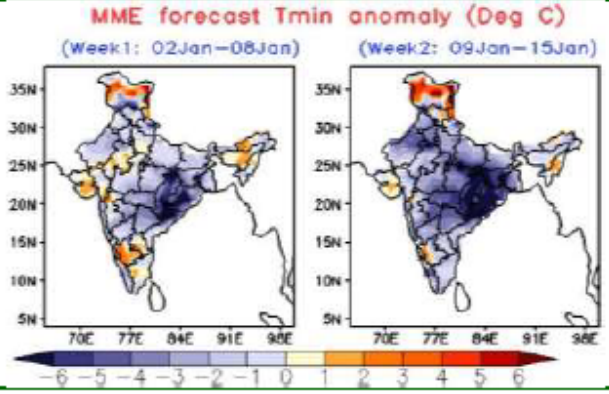
- **Week 1 (02.01.2025 to 08.01.2026):** Rainfall is likely over Jammu & Kashmir, Arunachal Pradesh, Kerala and Tamil Nadu.
- **Week 2 (09.01.2025 to 15.01.2026):** Rainfall is likely over Andaman & Nicobar Islands, Kerala and Tamil Nadu.

Maximum and Minimum temperature anomaly (°C) forecast
for the next 2 weeks (IC- 31st December, 2025)
(02nd to 15th January, 2026)



Maximum Temperature (Tmax)

- **Week 1 (02.01.2025 to 08.01.2026):** Maximum temperature is likely to be above normal over Jammu & Kashmir, Chhattisgarh, Odisha, some parts of Saurashtra & Kutch, Tamil Nadu and South Karnataka. However, it is likely to be below normal over many parts of North West India, Central India, West India, East & North East India and South India.
- **Week 2 (09.01.2025 to 15.01.2026):** Maximum temperature is likely to be above normal over many parts of North West India, Chhattisgarh, Odisha, Arunachal Pradesh, some parts of Assam, Saurashtra & Kutch and South Karnataka. However, it is likely to be below normal over Uttar Pradesh, Haryana, many parts of Central India, West India, East India, Nagaland Manipur Mizoram & Tripura (NMMT) region and South India.



Minimum Temperature (Tmin)

- **Week 1 (02.01.2025 to 08.01.2026):** Minimum temperature is likely to be below normal over East India, Central India, many parts of North West India, Maharashtra, Coastal Andhra Pradesh, Telangana and Kerala. However, it is likely to be above normal over Jammu & Kashmir, East Rajasthan, Gujarat, South Karnataka, Rayalaseema, many parts of North East India and Tamil Nadu.
- **Week 2 (09.01.2025 to 15.01.2026):** Minimum temperature is likely to be below normal over most parts of the country except Jammu & Kashmir, Saurashtra & Kutch, some parts of Himachal Pradesh, Nagaland Manipur Mizoram & Tripura (NMMT) region and South Karnataka.