

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



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



Date: 16-01-2026

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

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

	12.01.2026	13.01.2026	14.01.2026	15.01.2026	16.01.2026
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 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)	17	17	18	18	18
Sky condition (Octas)	1	3	1	1	1
Relative humidity (%) 0830 hours	85	83	80	80	82
Relative humidity (%) 1730 hours	45	40	43	42	40
Wind Speed (kmph)	6	6	5	4	5
Wind Direction	111	93	97	112	119

Forecast Summary

As forecast received from IMD, cloudy sky with **No rain** expected 17-01-2026 to 21-01-2026 in Bengaluru Rural District. The day temperature is expected to be 30.0-31.0°C and night temperature is expected to be 17.0-18.0°C. The relative humidity in the morning hours is expected to be 80-85 % and afternoon relative humidity is expected to be in the range of 40-45 %, 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
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General Advisory:

Field Crops

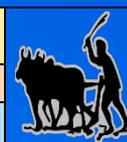
1. Right time for harvesting, drying, cleaning and storage of Rabi crops.
2. Apply **neem leaves/neem powder** in grain bags as a natural repellent.
3. For long-term storage of pulses, store with **tri-sodium phosphate (TSP) treated** gunny sacks to reduce bruchid attack.

Vegetables & Horticulture

1. Watch for fruit borer and shoot borer in fruit development stage.
2. 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	Dry the harvested pods in 3-4 days and separate the seeds and store in cool places The grain moisture reaches about 14%.
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.
Mango	Flowering stage and marble 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.
Arecanut		Moist conditions may cause infestation of spindle bug and inflorescence dieback . To control inflorescence dieback spray Copper oxychloride 3 g/litre on bunches and crown region. To control spindle bug spray Dimethoate 30 EC @ 2 ml/litre of water. Spray on spindle leaves and crown region using a hand sprayer



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 17-01-2026 to 21-01-2026)

CHANNAPATTANA 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)	30	31	30	31	30
Min.Temp (°C)	16	15	14	15	15
Sky condition (Octas)	0	2	1	0	1
Relative humidity (%) 0830 hours	82	83	78	66	77
Relative humidity (%) 1730 hours	23	14	15	19	21
Wind Speed (kmph)	7	8	4	2	3
Wind Direction	87	85	90	117	122

KANAKAPURA 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)	30	31	30	31	30
Min.Temp (°C)	15	14	14	14	15
Sky condition (Octas)	0	2	1	0	1
Relative humidity (%) 0830 hours	87	88	84	71	76
Relative humidity (%) 1730 hours	25	16	16	19	21
Wind Speed (kmph)	5	5	4	3	3

Wind Direction	98	82	101	97	111
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MAGADI 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	29	30	30
Min.Temp (°C)	16	15	14	15	15
Sky condition (Octas)	1	1	1	0	0
Relative humidity (%) 0830 hours	82	83	76	69	78
Relative humidity (%) 1730 hours	24	14	14	19	21
Wind Speed (kmph)	8	9	7	5	7
Wind Direction	105	90	108	141	144

RAMANAGARA 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)	30	31	30	31	30
Min.Temp (°C)	16	15	14	15	15
Sky condition (Octas)	0	2	1	0	1
Relative humidity (%) 0830 hours	82	84	78	67	77
Relative humidity (%) 1730 hours	23	14	15	19	21
Wind Speed (kmph)	8	8	5	2	4
Wind Direction	90	82	94	108	127

- 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

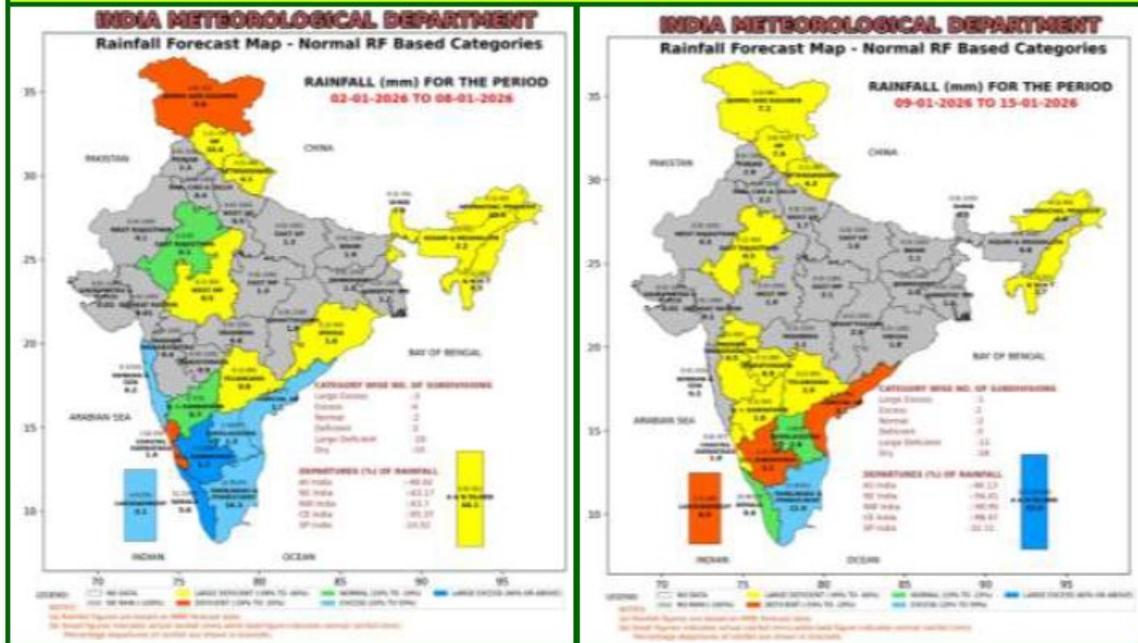
For any information farmers can contact **Dr. M. N. Thimmegowda**, Professor & Head/
Mr. L. Nagesha, Technical officer over phone No. **9741109702/ 9008454142**

**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

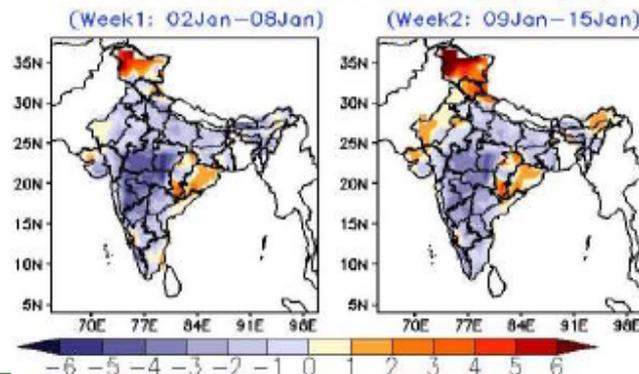
Rainfall forecast maps for the next 2 weeks (IC- 31st December, 2025)
(02nd to 15th January, 2026)



- **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)**

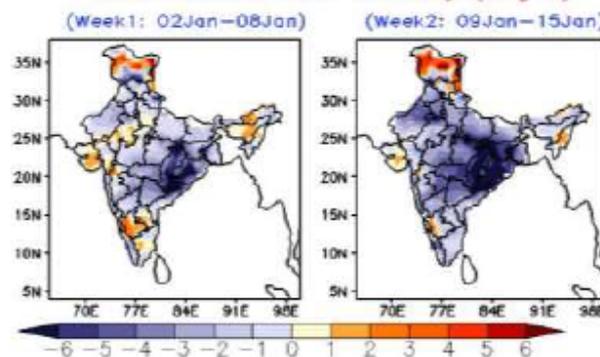
MME forecast Tmax anomaly (Deg C)



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.

MME forecast Tmin anomaly (Deg C)



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.