

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



**GRAMIN KRISHI MAUSAM SEWA
AMFU, OFRS, NAGANAHALLI,
MYSURU – 570003**



Date: 29-04-2025

AGRO-ADVISORY BULLETIN FOR MYSURU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	26.04.2025	27.04.2025	28.04.2025	29.04.2025
Rainfall (mm)	0	0	0	0
Max. Temp. (°C)	35.2	35	35	34.8
Min. Temp. (°C)	23.2	23.4	22	23
Sky condition (Octas)	4	5	6	-
Relative humidity (%) 0830 hours	66	65	69	65
Relative humidity (%) 1730 hours	-	61	59	42
Wind Speed (km/h)	0	0	0	-
Wind Direction	0	0	0	-

Weather forecast for the next five days (From 30-04-2025 to 04-05-2025)

Parameter	30.04.2025	01.05.2025	02.05.2025	03.05.2025	04.05.2025
Rainfall (mm)	7	8	8	10	10
Max. temp (°C)	33	35	34	34	34
Min.Temp (°C)	23	23	23	23	23
Sky condition (Octas)	5	5	5	5	5
Relative humidity (%) 0830 hours	65	66	67	66	65
Relative humidity (%) 1730 hours	41	42	41	43	44
Wind Speed (kmph)	10	10	10	10	10
Wind Direction	240	252	253	261	256

Forecast Summary

As forecast received from IMD, partially cloudy sky with **light rainfall** may be expected from **30.04.2025 to 04.05.2025** in Mysuru district. The day temperature is expected to be 33-35°C & night temperature is expected 23°C. The relative humidity in the morning hours is expected to be 65-67% & afternoon relative humidity is expected to be in the range of 41-44% Wind speed expected to be 10 km/hr.

General Advisory:

- Light rainfall is expected; carry out weeding and fertilizer application during dry periods.
- Ensure proper drainage in paddy, vegetable, and plantation crops to avoid water stagnation.
- Support banana plants with props to prevent lodging due to wind and wet soil.
- Avoid pesticide and fungicide sprays just before or during rain; use biocontrols if needed.
- Provide clean water, dry bedding for livestock, and maintain good ventilation in poultry sheds.

SMS Advisory:

Light rain likely. Ensure drainage in crops, support banana, avoid sprays in rain, monitor vegetable crops for disease, keep livestock sheds clean and dry.

Recommendations to the farmers:-**Weather based advisory**

Crop	Stage	Advisory
Paddy	Vegetative stage	Light rains are beneficial. Maintain 2–3 cm water in field. Apply top dressing of nitrogen (urea) if not yet done. Monitor for leaf folder and blast.
Maize	Tasseling stage	Ensure adequate soil moisture during tasseling—most critical stage. Light irrigation needed if rain is insufficient. Avoid spraying during tasseling.
Finger millet	Vegetative stage	Favorable for vegetative growth. Intercultural operations can be done. Apply nitrogen top dressing after rains.
Tomato	Flowering	Avoid water stagnation. Stake plants to prevent lodging. Spray borax (0.2%) to prevent flower drop. Monitor for thrips and leaf curl virus.
Chilli	Fruit formation stage	Ensure good drainage. Apply potassium-rich fertilizers for fruit setting. Monitor for sucking pests and fruit rot after rains.
Banana	Fruit development stage	Support plants to prevent lodging due to wind. Maintain basin cleanliness. Apply potash and micronutrients if not done.
Black gram, Green gram and cowpea	Sowing	Rains are favorable for sowing. Choose well-drained fields. Avoid sowing just before the 21st (moderate rain) to prevent seed rotting.
Sugarcane	Vegetative	Light rain is good. Carry out earthing-up if not done. Top-dressing of nitrogen after rainfall is beneficial. Control early shoot borer.
Mango	Fruit development stage	Light rain is favorable. Ensure fruit fly traps are installed. Spray potassium nitrate (1%) for fruit development and to prevent spongy tissue.
Vegetable crops	Various stages	Ensure drainage to avoid root rot. Spraying should be planned before rainfall. Check for fungal/pest issues post-rain and apply need-based treatment.

Livestock, Poultry, and Sericulture Advisory	
Sector	Weather-Based Advisory
Livestock	Ensure clean, shaded, and well-ventilated shelters to prevent heat and humidity stress. Provide plenty of clean drinking water . Use fans if possible. Avoid grazing during midday heat . Supplement with mineral mixture and salt licks to maintain animal health. Regularly check hooves and shelter hygiene due to increased moisture.
Poultry	Maintain proper cross-ventilation and ensure adequate space in sheds to avoid crowding. Sprinkle water around sheds to reduce temperature. Provide cool, clean water with electrolytes . Feed birds during early morning and evening . Ensure dry bedding to prevent fungal issues due to humidity.
Sericulture	Maintain optimal rearing room temperature (26–28°C) and humidity (75–80%) through humidifiers or water sprinkling . Avoid overcrowding of worms. Provide well-moistened mulberry leaves , and protect mulberry gardens from rain damage using proper drainage and partial shade. Monitor for fungal diseases due to changing humidity.

Block level weather forecast (From 30-04-2025 to 04-05-2025)

H.D. Kote					
Parameter	30.04.2025	01.05.2025	02.05.2025	03.05.2025	04.05.2025
Rainfall (mm)	1.2	1.7	4.7	3.3	6.9
Max. temp (°C)	35.5	34.7	34.8	34	32.7
Min.Temp (°C)	22.6	22.6	22.6	22.2	22.2
Sky condition (Octas)	7	7	6	6	6
Relative humidity (%) 0830 hours	81.5	84	88.5	89.6	90.2
Relative humidity (%) 1730 hours	24.5	34.9	40.3	42.2	46.9
Wind Speed (kmph)	2.8	7.6	9.8	9.8	9
Wind Direction	230.2	238.6	246.2	252.9	253.7

Hunsuru					
Parameter	30.04.2025	01.05.2025	02.05.2025	03.05.2025	04.05.2025
Rainfall (mm)	0.7	0.8	3.4	2.9	10.1
Max. temp (°C)	35.2	34.6	35.1	34.1	32.2
Min.Temp (°C)	22.4	22.4	22.2	22.1	22.1
Sky condition (Octas)	7	7	6	6	6
Relative humidity (%) 0830 hours	83.1	82.5	84.6	86.5	87.3
Relative humidity (%) 1730 hours	24.7	33.5	36.4	39.4	43.5
Wind Speed (kmph)	3.7	7.8	11.3	11.1	10.2
Wind Direction	240.9	248.2	260.8	256.9	259.9

K.R. Nagara

Parameter	30.04.2025	01.05.2025	02.05.2025	03.05.2025	04.05.2025
Rainfall (mm)	0.5	0.5	2.3	2.2	11.8
Max. temp (°C)	35.2	34.6	35.2	34.7	32.7
Min.Temp (°C)	22.5	22.5	22.2	22.2	22.2
Sky condition (Octas)	7	7	6	6	6
Relative humidity (%) 0830 hours	83	81.3	82.5	86.1	85.9
Relative humidity (%) 1730 hours	25.1	33.1	36.2	37.5	43.4
Wind Speed (kmph)	3.2	6.6	10.1	10.9	7.6
Wind Direction	243.4	257.5	263.9	260.5	264.6

Mysuru

Parameter	30.04.2025	01.05.2025	02.05.2025	03.05.2025	04.05.2025
Rainfall (mm)	0.8	2	4.2	3.1	15.1
Max. temp (°C)	36.2	36	35.8	35.5	33.9
Min.Temp (°C)	23.2	23.1	23	22.8	22.7
Sky condition (Octas)	7	7	6	6	6
Relative humidity (%) 0830 hours	79.8	82.8	84.4	85.1	89.4
Relative humidity (%) 1730 hours	24.4	28.1	34.6	37.5	42.8
Wind Speed (kmph)	4.1	8.5	10.7	12.4	10.9
Wind Direction	225	242.3	258.3	260	262.4

Nanjanagudu

Parameter	30.04.2025	01.05.2025	02.05.2025	03.05.2025	04.05.2025
Rainfall (mm)	0.3	0.4	7	2.8	9.2
Max. temp (°C)	36.4	36.4	36.2	35.6	34.7
Min.Temp (°C)	23.6	23.4	23.2	23	22.8
Sky condition (Octas)	7	7	6	6	6
Relative humidity (%) 0830 hours	72.3	78.7	81.9	84.6	86.4
Relative humidity (%) 1730 hours	24.7	27.6	33.7	37.1	41.4
Wind Speed (kmph)	4	6.5	10.6	12.3	12.2
Wind Direction	206.5	250.6	252.2	266.6	210

Piriapatna

Parameter	30.04.2025	01.05.2025	02.05.2025	03.05.2025	04.05.2025
Rainfall (mm)	2.4	2	4	4.1	15
Max. temp (°C)	34.2	32.6	33	32	31.1
Min.Temp (°C)	21.5	21.7	21.2	21.5	21.4
Sky condition (Octas)	7	7	6	6	6
Relative humidity (%) 0830 hours	85.2	84.7	87.2	89.7	89.7
Relative humidity (%) 1730 hours	25.8	38.8	39.3	42.5	45
Wind Speed (kmph)	3.3	6.6	9.5	9.1	8.7
Wind Direction	263.7	257.5	261.2	260.9	262.9

T. Narasipura

Parameter	30.04.2025	01.05.2025	02.05.2025	03.05.2025	04.05.2025
Rainfall (mm)	0.5	0.6	3.4	3.2	14
Max. temp (°C)	36.5	36.7	36.7	36.5	35.2
Min.Temp (°C)	24	23.6	23.7	23.2	22.8
Sky condition (Octas)	7	6	6	6	6
Relative humidity (%) 0830 hours	70.7	78.8	83.8	83.4	86.8
Relative humidity (%) 1730 hours	20.7	21.8	26.8	31	34
Wind Speed (kmph)	2.6	7.8	10.4	11.6	11.9
Wind Direction	213.7	248.2	256	262.9	264.8

- 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

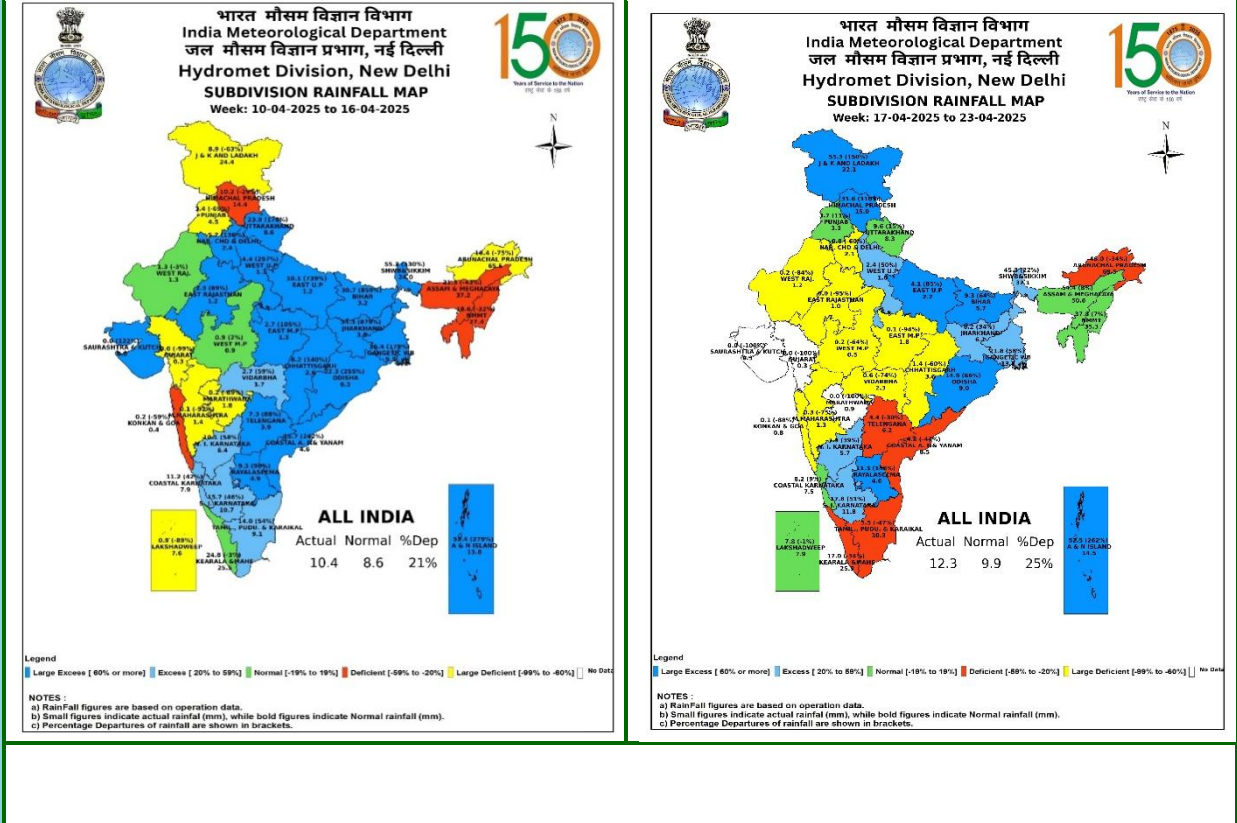
For any information farmers can contact **Dr.C.Ramachandra**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No.0821-259126/ 9535345814.

**AMFU of IMD,
Naganahalli, Mysuru**

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

Realized Rainfall

(10th to 23rd April, 2025)

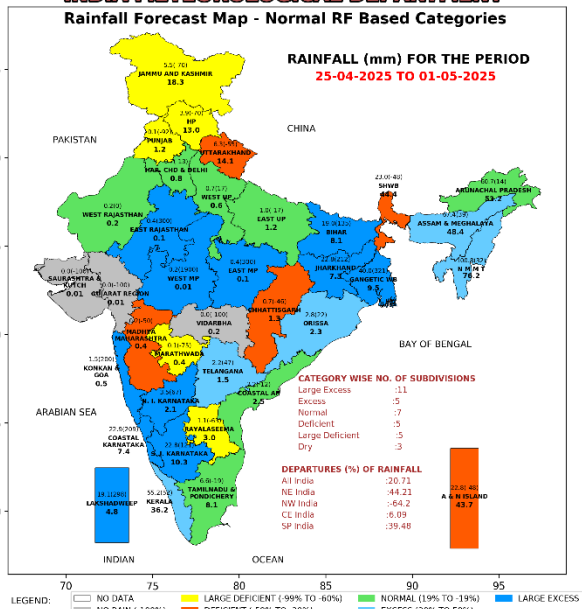


Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 23rd April,2025)
(25th April to 08th May, 2025)

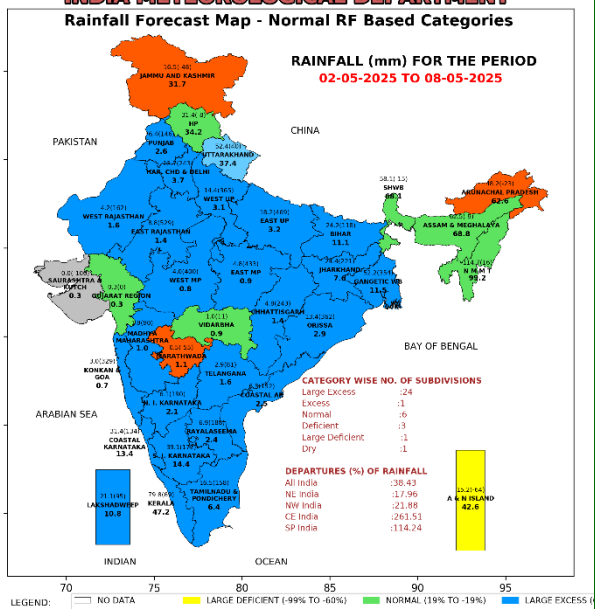
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Rainfall Forecast Map - Normal RF Based Categories



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Rainfall Forecast Map - Normal RF Based Categories



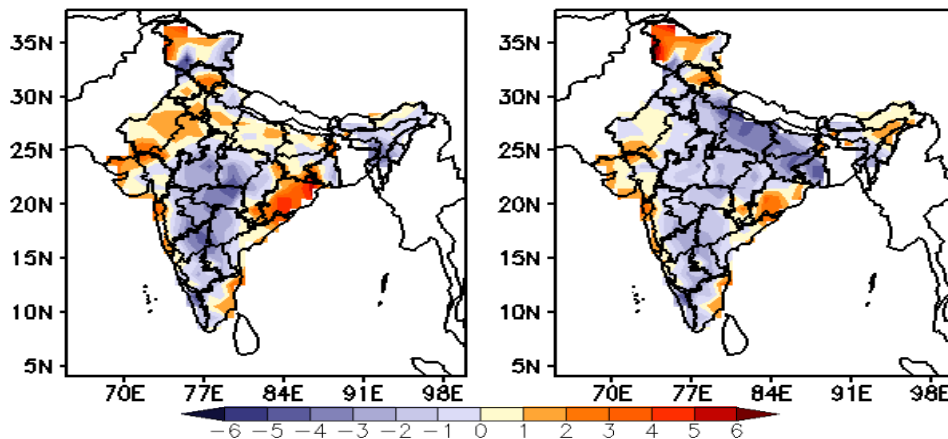
- Week1(25.04.2025 to 01.05.2025):** Rainfall is likely to be above normal in Kerala, South Karnataka, Northeast India, Gangetic West Bengal, Jharkhand and Bihar. Rainfall activity is likely over some parts of Tamil Nadu, Uttarakhand, Himachal Pradesh and Jammu & Kashmir.
- Week 2 (02.05.2025 to 08.05.2025):** Rainfall is likely to be above normal over many parts of Northwest India, East India, Kerala, Tamil Nadu and Karnataka. Rainfall activity is likely over many parts of Northeast India.

**Maximum and Minimum temperature anomaly (°C) forecast
for the next 2 weeks (IC- 23rd April,2025)
(25th April to 08th May, 2025)**

MME forecast Tmax anomaly (Deg C)

(Week1: 25Apr–01May)

(Week2: 02May–08May)



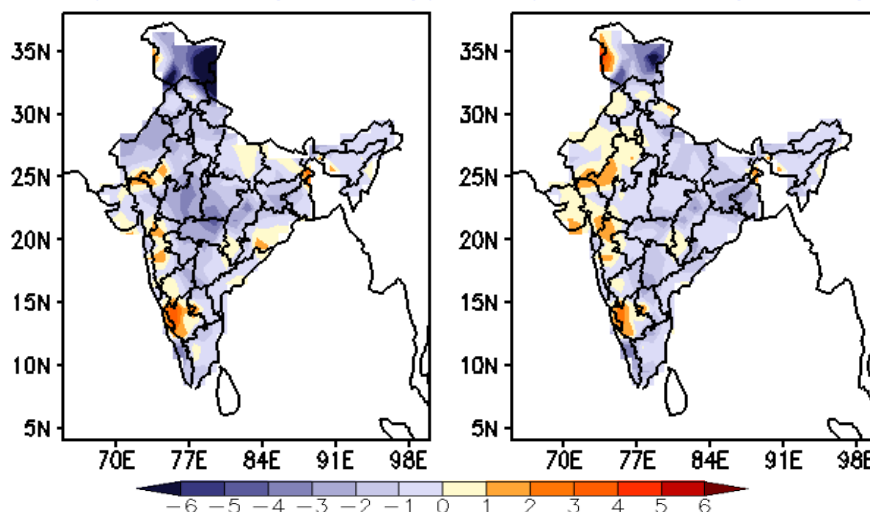
Maximum Temperature (Tmax)

- **Week 1 (25.04.2025 to 01.05.2025):** Maximum temperature is likely to be above normal over North West India, Gujarat, Konkan-Goa, Odisha and coastal regions of Tamil Nadu. However, it is likely to be below normal over rest of the country.
- **Week 2 (02.05.2025 to 08.05.2025):** Maximum temperature is likely to be below normal over most parts of the country. However, it is likely to be above normal over Konkan-Goa, Gujarat, West Rajasthan, Jammu & Kashmir, Himachal Pradesh, coastal regions of Tamil Nadu and some parts of Odisha and Assam.

MME forecast Tmin anomaly (Deg C)

(Week1: 25Apr–01May)

(Week2: 02May–08May)



Minimum Temperature (Tmin)

- **Week 1 (25.04.2025 to 01.05.2025):** Minimum temperature is likely to be below normal over most parts of the country. However, it is likely to be above normal over Karnataka.
- **Week 2 (02.05.2025 to 08.05.2025):** Minimum temperature is likely to be below normal over many parts of the country. However, it is likely to be above normal over Rajasthan, Gujarat, Madhya Maharashtra and Karnataka.

