

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



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



Date:16-05-2025

AGRO-ADVISORY BULLETIN FOR MYSURU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	13.05.2025	14.05.2025	15.05.2025	16.05.2025
Rainfall (mm)	18	1.6	0.5	3.5
Max. Temp. (°C)	33.8	34	34.2	30.3
Min. Temp. (°C)	21	22	22	20.3
Sky condition (Octas)	4	4	6	-
Relative humidity (%) 0830 hours	76	72	72	97
Relative humidity (%) 1730 hours	-	71	64	86
Wind Speed (km/h)	0	0	0	-
Wind Direction	0	0	0	-

Weather forecast for the next five days (From 17-05-2025 to 21-05-2025)

Parameter	17.05.2025	18.05.2025	19.05.2025	20.05.2025	21.05.2025
Rainfall (mm)	5	7	10	17	19
Max. temp (°C)	34	34	33	34	34
Min.Temp (°C)	22	22	22	21	22
Sky condition (Octas)	5	5	5	6	7
Relative humidity (%) 08:30 hours	82	81	80	81	82
Relative humidity (%) 17:30 hours	64	62	63	64	66
Wind Speed (kmph)	8	8	8	10	12
Wind Direction	257	253	245	246	241

Forecast Summary

As forecast received from IMD, partially cloudy sky with **Moderate rainfall** may be expected from **17.05.2025 to 21.05.2025** in Mysuru district. The day temperature is expected to be 33-34°C & night temperature is expected 21-22°C. The relative humidity in the morning hours is expected to be 80-82% & afternoon relative humidity is expected to be in the range of 62-66% Wind speed expected to be 8-12 km/hr.

General Advisory:

- Ensure field drainage to avoid water stagnation due to expected rainfall.
- Spray fungicides to prevent fungal diseases favored by high humidity.
- Provide support to tall crops like banana and papaya against wind damage.
- Complete weeding/intercultivation during dry spells to retain soil moisture.
- Keep livestock shelters dry and ventilated; provide clean drinking water.

SMS Advisory:

Expect daily rain; delay irrigation, avoid pesticide spraying during rain, store fodder dry, and protect harvested produce.

Crops and Suitable Varieties for Sowing in May

Crop Type	Crop Name	Recommended Varieties
Millets & Cereals	Ragi	Indaf-9, GPU-45, 23.2.0350-48
	Maize (Shaktiman Maize)	CSV-4, CSH-5, CSH-9
	Sweet Corn	Hema, Nityashree, MAH-14-5, MAH-14-138
	Pop Corn	Amba
	Foxtail Millet (Navane)	SIA-326
	Barnyard Millet (Haraka)	RBK-155, GPUK-3
	Little Millet (Same)	CO-2, OLM-203
	Proso Millet (Baragu)	GPUP-8, GPUP-21
	Kodo Millet (Oodalu)	DHB M-93-3
	Browntop Millet (Korale)	GPUBT-2
Pulses	Red Gram	BRG-1, 2, 3, 4, 5, ICP-7035, TTB-7, Hyderabad-3C
	Green Gram	PS-16, Pusa Baisakhi, PDM-84-178, ..30-3
	Black Gram	Karagaon-3, T-9, Rashmi (LBG-625), LBG-791 (Suraksha)
	Cowpea	TVX-944-02I, KBC-1, KBC-2, KM-9, KM-5, KC-8 (KBC-11), PGCP-6
Oilseeds	Groundnut	GKVK-5, KCG-6 (Chintamani-6), GPBD-4, ICGV-91114, JL-24, TMV-2, GKVK-27
	Soybean (Irrigated)	MAUS-2 (Pooja), Karune (vegetable type), KBS-23
	Sesame	GT-1, Navile-1 (Tunga), TMV-3, T-7, GKVK S-1
Horticultural	Fruits & Vegetables	Banana, Arecanut, Chilli, Turmeric, Potato, Ginger
Fodder Crops	Fodder Sorghum	JESET-3
	Cowpea (Fodder)	MFC-09-01, MFC -08-14, MFC -09-03
	Bajra-Napier Grass	PBN-342

Recommendations to the farmers:-		
Weather based advisory		
Crop	Stage	Advisory
Paddy	Vegetative stage	Moderate 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. no irrigation needed if rain is sufficient. 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	Moderate 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	Moderate 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.
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Block level weather forecast (From 17-05-2025 to 21-05-2025)

H.D. Kote

Parameter	17.05.2025	18.05.2025	19.05.2025	20.05.2025	21.05.2025
Rainfall (mm)	4.9	3.4	9.6	14.7	25.5
Max. temp (°C)	29.8	29.2	29	27	27.5
Min.Temp (°C)	21.6	21.5	21.6	21.2	20.8
Sky condition (Octas)	7	7	8	8	7
Relative humidity (%) 0830 hours	90.6	90.6	90.5	89.1	90
Relative humidity (%) 1730 hours	57	58.8	56.7	66.3	59.6
Wind Speed (kmph)	5.6	5	5.3	7.9	7.7
Wind Direction	243.4	249	241.7	230.5	232.6

Hunsuru

Parameter	17.05.2025	18.05.2025	19.05.2025	20.05.2025	21.05.2025
Rainfall (mm)	5.1	4.9	11.5	19.3	23.1
Max. temp (°C)	29.9	29	28.8	26.9	27.4
Min.Temp (°C)	21.7	21.6	21.6	21.2	20.8
Sky condition (Octas)	7	8	8	8	8
Relative humidity (%) 0830 hours	85.3	85.4	84.6	86.7	87
Relative humidity (%) 1730 hours	52.5	55.4	53.8	63.7	57.8
Wind Speed (kmph)	5.7	5.9	6.4	9	7.8
Wind Direction	251.6	259.4	253.6	241.4	248.2

K.R. Nagara

Parameter	17.05.2025	18.05.2025	19.05.2025	20.05.2025	21.05.2025
Rainfall (mm)	4.4	5.8	9.7	16.3	18.8
Max. temp (°C)	30.2	29.1	29.2	27	27.7
Min.Temp (°C)	21.8	21.8	21.7	21.5	21
Sky condition (Octas)	7	8	8	8	8
Relative humidity (%) 0830 hours	84.6	84.2	83.8	85.8	86.1
Relative humidity (%) 1730 hours	51.1	54.3	51.7	63.1	57.3
Wind Speed (kmph)	5.4	5.1	5.9	8.5	8.1

Wind Direction	250.3	261.9	256	242.3	249.1
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Mysuru					
Parameter	17.05.2025	18.05.2025	19.05.2025	20.05.2025	21.05.2025
Rainfall (mm)	3.5	6	9.2	13.6	23.7
Max. temp (°C)	30.8	29.9	29.6	27.2	27.9
Min.Temp (°C)	22.2	22.2	22	21.8	21.2
Sky condition (Octas)	7	8	8	8	8
Relative humidity (%) 0830 hours	87.4	87.5	89.7	88.4	91.1
Relative humidity (%) 1730 hours	51	55.2	53.9	64.8	57.6
Wind Speed (kmph)	6.5	6.7	7.2	9.7	9.4
Wind Direction	250.6	254.5	252.5	238.7	252.2

Nanjanagudu					
Parameter	17.05.2025	18.05.2025	19.05.2025	20.05.2025	21.05.2025
Rainfall (mm)	2.6	3.2	7.2	10.6	18.2
Max. temp (°C)	31.4	30.5	30.2	28	28.6
Min.Temp (°C)	22.7	22.5	22.5	22	21.5
Sky condition (Octas)	7	8	8	8	7
Relative humidity (%) 0830 hours	86.2	86.4	87	87.5	87.5
Relative humidity (%) 1730 hours	50.8	55.7	53.2	61.1	53.8
Wind Speed (kmph)	5.8	6.2	7.2	10	10.2
Wind Direction	266.4	260	360	249	261.9

Piriapatna					
Parameter	17.05.2025	18.05.2025	19.05.2025	20.05.2025	21.05.2025
Rainfall (mm)	7	4.4	10.9	19.1	18.5
Max. temp (°C)	28.2	27.4	27.8	25.2	26.1
Min.Temp (°C)	20.9	20.6	20.7	20.6	20.1
Sky condition (Octas)	7	7	8	8	8
Relative humidity (%) 0830 hours	88.7	88.6	87.3	88.8	88.1
Relative humidity (%) 1730 hours	59.5	62.6	56.7	67.5	62.1
Wind Speed (kmph)	4.7	4.5	5.9	7.8	6.8

Wind Direction	247.4	256	259.4	248.2	244.8
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T. Narasipura					
Parameter	17.05.2025	18.05.2025	19.05.2025	20.05.2025	21.05.2025
Rainfall (mm)	3.1	6.6	9.5	12	16.7
Max. temp (°C)	32.1	30.8	30	28.2	28.8
Min.Temp (°C)	22.9	22.9	22.6	22.2	21.7
Sky condition (Octas)	7	8	8	8	8
Relative humidity (%) 0830 hours	88.5	87.1	90.1	88	88.8
Relative humidity (%) 1730 hours	48.5	56	54.6	61.1	53.4
Wind Speed (kmph)	5.6	4.9	7.4	9	9.9
Wind Direction	255.1	252.9	256	246.5	259.5

- 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**

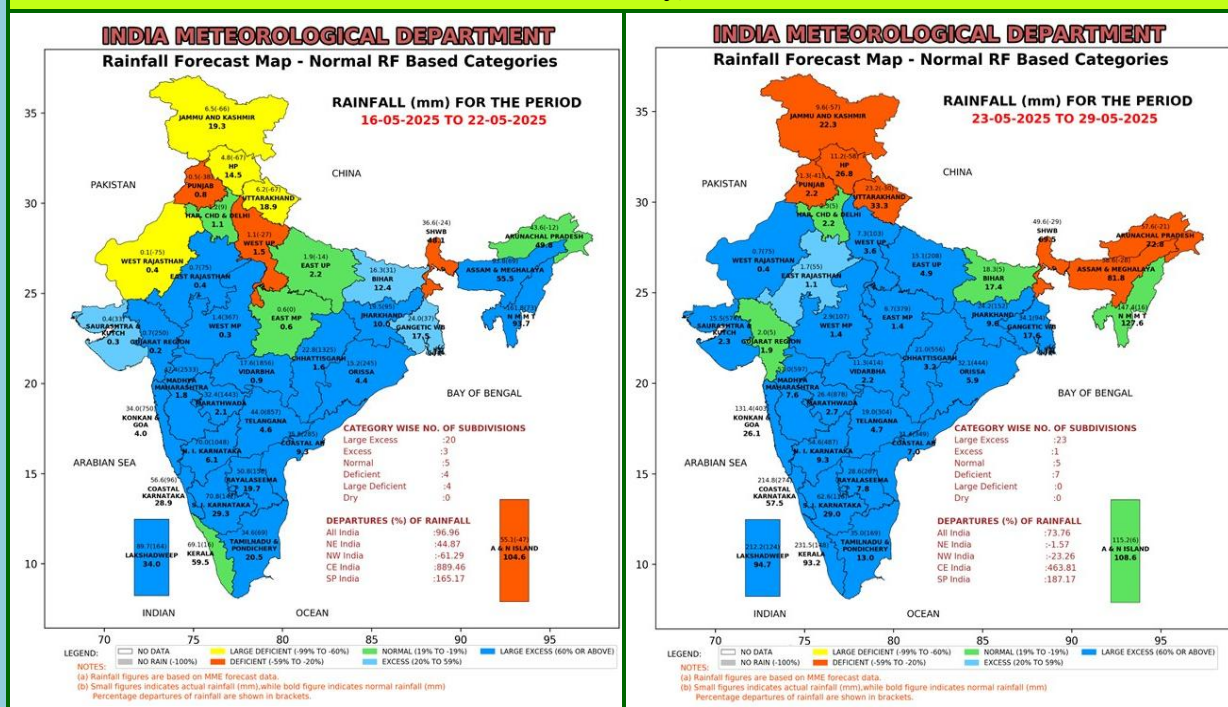
वास्तविकवर्षातथाविस्तारितअवधिपूर्वानुमान
Realized Rainfall and Extended Range Forecast
(वर्षाऔरतापमान)
(Rainfall and Temperature)

Realized Rainfall
(01st to 14th May, 2025)



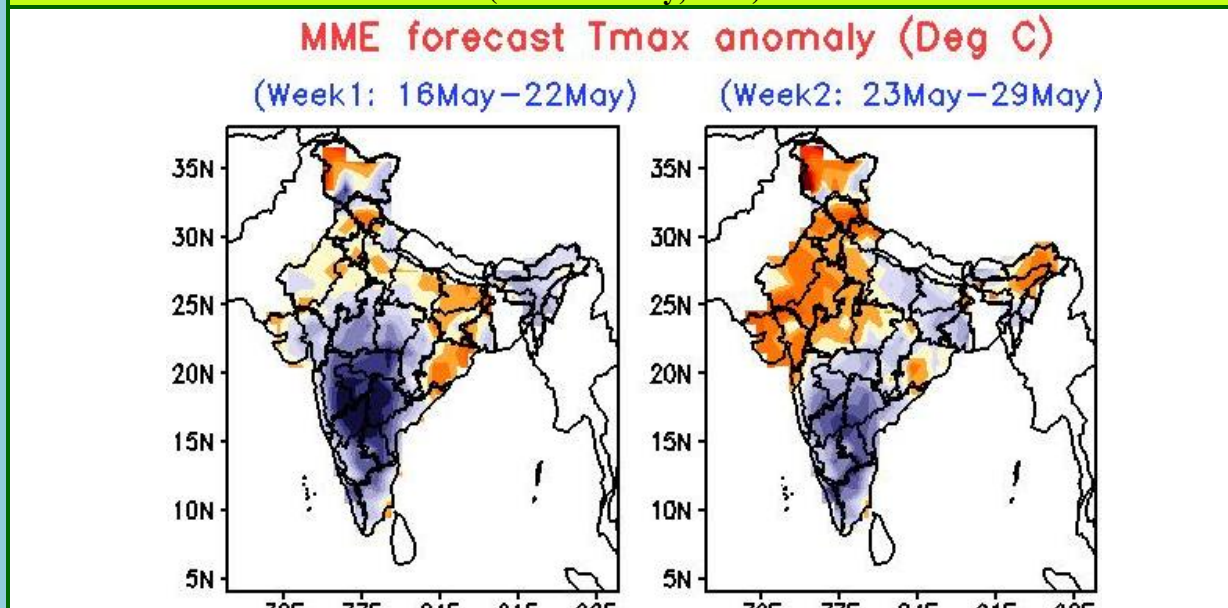
Extended Range Forecast System

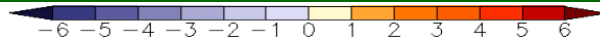
Rainfall forecast maps for the next 2 weeks (IC- 14th May,2025) (16th to 29th May, 2025)



- Week1(16.05.2025 to 22.05.2025):** Rainfall is likely to be above normal over South India, Maharashtra, Odisha and many parts of North East India.
- Week 2 (23.05.2025 to 29.05.2025):** Rainfall is likely to be above normal over South India, Maharashtra, many parts of East India, Nagaland Manipur Mizoram & Tripura, Chhattisgarh and East Uttar Pradesh.

Maximum and Minimum temperature anomaly (°C) forecast for the next 2 weeks (IC- 14th May,2025) (16th to 29th May, 2025)





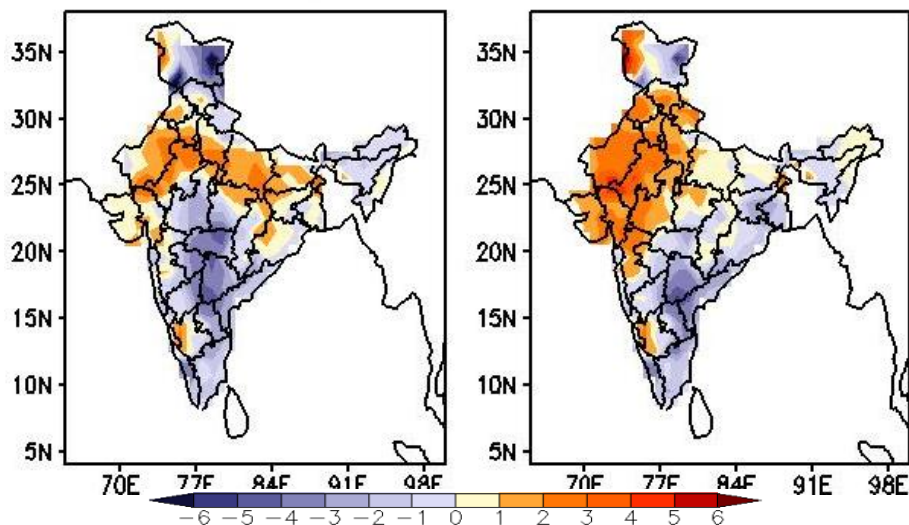
Maximum Temperature (Tmax)

- **Week 1 (16.05.2025 to 22.05.2025):** Maximum temperature is likely to be above normal over many parts of North West India and East India and below normal over remaining parts of the country.
- **Week 2 (23.05.2025 to 29.05.2025):** Maximum temperature is likely to be above normal over North West India, Gujarat, Madhya Pradesh, some parts of Odisha, Assam and Arunachal Pradesh and below normal over remaining parts of the country.

MME forecast Tmin anomaly (Deg C)

(Week1: 16May–22May)

(Week2: 23May–29May)



Minimum Temperature (Tmin)

- **Week 1 (16.05.2025 to 22.05.2025):** Minimum temperature is likely to be above normal over many parts of North West India, East India and some parts of Karnataka and below normal over remaining parts of the country.
- **Week 2 (23.05.2025 to 29.05.2025):** Minimum temperature is likely to be above normal over many parts of North West India, Gujarat, Madhya Maharashtra and some parts of Karnataka and below normal over remaining parts of the country.