

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



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



Date:13-06-2025

AGRO-ADVISORY BULLETIN FOR MYSURU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	10.06.2025	11.06.2025	12.06.2025	13.06.2025
Rainfall (mm)	0	0	13	3
Max. Temp. (°C)	32.4	30.2	30	30.2
Min. Temp. (°C)	20.2	20.4	20.8	21
Sky condition (Octas)	4	8	8	6
Relative humidity (%) 0830 hours	77	75	77	74
Relative humidity (%) 1730 hours	57	-	99	77
Wind Speed (km/h)	0	0	2	2
Wind Direction	0	0	270	270

Weather forecast for the next five days (From 14-06-2025 to 18-06-2025)

Parameter	14.06.2025	15.06.2025	16.06.2025	17.06.2025	18.06.2025
Rainfall (mm)	18	25	20	20	20
Max. temp (°C)	30	30	29	29	30
Min.Temp (°C)	21	21	21	21	21
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 08:30 hours	84	85	86	85	84
Relative humidity (%) 17:30 hours	78	78	75	76	77
Wind Speed (kmph)	12	14	14	16	14
Wind Direction	239	236	230	241	239

Forecast Summary

As forecast received from IMD, partially cloudy sky with **Moderate rainfall** may be expected from **14.06.2025 to 18.06.2025** in Mysuru district. The day temperature is expected to be 29-30°C & night temperature is expected 21°C. The relative humidity in the morning hours is expected to be 84-86% & afternoon relative humidity is expected to be in the range of 76-78% Wind speed expected to be 12-16 km/hr.

General Advisory:**Field Preparation / Sowing**

- Sufficient moisture for sowing green gram, black gram, red gram, cowpea, maize, ragi, and groundnut
- Treat seeds before sowing to protect from soil-borne diseases

Paddy

- Begin nursery bed preparation if not yet started
- Ensure good drainage, especially around 15th June

Vegetables (Tomato, Chilli, Brinjal)

- Ensure no water stagnation; maintain proper drainage
- Spray fungicide (Mancozeb @ 2 g/l) to prevent fungal infections

Pulses (Redgram, Greengram, Blackgram, Cowpea)

- Ideal time for sowing
- Monitor for sucking pests; use neem-based insecticides if needed

General Precautions

- Store harvested produce in dry, ventilated areas
- Protect livestock from rain and provide clean drinking water

SMS Advisory:

Rain expected next 5 days. Ensure field drainage, delay fertilizer use, stake banana, monitor pests. Keep livestock shelters dry.

Crops and Suitable Varieties for Sowing in May**Paddy (Rice)**

- General Sowing: MSN-99
- Late June (3rd-4th week): BR-2655, Jaya
- Aerobic Paddy: Daksha (KMP-175), Onnasiri (MAS-26), Sharada (MAS-946), Anagha (ARB-6), Rashi

Ragi (Finger Millet): Indaf-8, MR-1, MR-6, L-5, KMR-301, GPU-45, KMR-316

Maize (Shaktiman Maize): CSH-5, CSH-9

Pearl Millet (Musuku Jola): Hema, Nithyashree, MAH-14-5, MAH-14-138, MAH-15-84

Popcorn: Amber

Bajra (Pearl Millet): WCC-75, PHVB-910

- Late June (3rd-4th week): ICTP-8203, SMV-221, MH-946 (GHB-558)

Foxtail Millet (Navane): PS-4, SIA-326, GPUF-3

Horsegram (Haraka): RBK-155, GPUK-3

Little Millet (Same): CO-2, OLM-203, GPUL-6, GPUL-11

Proso Millet (Oodalu): DHBM-93-3

Kodo Millet (Korale): GPUBT-2

Red Gram (Pigeon Pea / Togari): BRG-1, BRG-2, BRG-3, BRG-4, BRG-5, ICP-7035, TTB-7, Hyderabad-3C

Groundnut (Nelekadale): GKVK-5, KCG-6 (Chintamani-6), GPBD-4, ICGV-91114, JL-24, TMV-2, GKVK-27

Sunflower: KBSH-41, 90, 44, 53, 78, 85

Soybean (Soya Avare): MAUS-2 (Pooja), Karune (vegetable soybean), KBS-23

Cotton: DCS-9 (Jyoti), 48-1 (Jwala)

- Hybrid Varieties: DCH-177, GCH-4, 30.N.23-66
Sesame (Hucchellu) - 4th week of June: KBN-1, No.71, KBN-2, 52: 2.2-62175, 2.2-86032, 2.2.A.2-18061
Horticultural Crops
- Vegetables: Tomato, Potato, Brinjal, Chilli, Cabbage, Radish, Knol-khol, Carrot, Onion
- Fruits: Mango, Banana, Lime, Guava, Sweet lime, Sapota, Papaya, Pomegranate, Pineapple, Cashew
- Spices: Garlic, Ginger, Turmeric, Cardamom
- Fodder Crops
- Sorghum (Fodder Maize): JS-SF-3
- Cowpea (Fodder): MF-09-01, MF-08-14, 2-09-03
- Napier-Bajra Hybrid Grass: PBN-342

Recommendations to the farmers:-

Weather based advisory

Crop	Stage	Advisory Based on Forecast
Paddy	Summer-Harvesting Kharif- Nursery preparation	Dry weather on 11–12 June is suitable for harvesting and drying. Use tarpaulin to protect produce from later rainfall. Prepare nursery in raised beds.
Maize	Vegetative	Avoid irrigation due to expected rainfall. Apply nitrogen fertilizers on dry days. Conduct weeding after rain when soil is moist.
Tomato	Fruit formation	Anticipated rainfall and humidity may lead to fruit borer and fungal diseases. Monitor and spray neem extract or fungicides after rain.
Chilli	Fruit formation	Ensure field drainage. Increased humidity may lead to thrips and anthracnose; avoid overhead irrigation. Use appropriate fungicides.
Banana	Fruit development	Light winds and rainfall may cause lodging – support plants. Maintain soil moisture and mulch to conserve water.
Black gram, Green gram, Red gram, Field bean, Cowpea	Sowing / Harvesting	Use rainfall and residual moisture for sowing. Harvest matured pods on dry days and dry produce well before storing.
Sugarcane	Vegetative	Rainfall will support growth – delay irrigation. Perform earthing-up and weeding during breaks in rain.
Mango	Fruit development	Rising humidity may lead to fruit fly and mildew. Use fruit fly traps and spray recommended fungicides during rain-free periods.
Vegetable crops (general)	Various stages	Light rain and humidity may increase pest pressure. Mulch beds, monitor for sucking pests, and provide plant protection sprays after showers.

Category	Advisory
Livestock	Provide clean and fresh drinking water regularly due to moderate temperatures. Ensure well-ventilated, dry, and shaded shelters to protect animals from humidity and mild rainfall. Monitor animals for signs of respiratory issues due to humid conditions.
Poultry	Keep poultry sheds dry and well-ventilated. Avoid overcrowding to reduce stress and disease risk during humid and rainy days. Provide clean water and balanced feed during cooler morning and evening hours. Maintain hygiene to prevent fungal and bacterial infections.

Block level weather forecast (From 14-06-2025 to 18-06-2025)

H.D. Kote					
Parameter	14.06.2025	15.06.2025	16.06.2025	17.06.2025	18.06.2025
Rainfall (mm)	4.7	14.8	19.2	7.9	8.8
Max. temp (°C)	24.6	23.5	23.6	23.6	24.6
Min.Temp (°C)	21.1	20.8	20.6	20.4	20.1
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	94	94.1	93.2	92.8	93.2
Relative humidity (%) 1730 hours	79.4	86.2	81.1	81	75.3
Wind Speed (kmph)	12.8	13.3	15.5	12.7	13.3
Wind Direction	220.4	220.6	227.8	227.3	229.4

Hunsuru					
Parameter	14.06.2025	15.06.2025	16.06.2025	17.06.2025	18.06.2025
Rainfall (mm)	5.4	26.8	17	8.9	8
Max. temp (°C)	24.2	23.2	22.6	23.4	24.5
Min.Temp (°C)	20.9	20.6	20.6	20.2	20.1
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	93.4	94.3	92.1	92.2	92.2
Relative humidity (%) 1730 hours	81.9	86.1	83.2	80.8	75.2
Wind Speed (kmph)	14.3	13.4	18.4	13.7	15.6
Wind Direction	229.1	233.7	235.4	240.1	236.3

K.R. Nagara					
Parameter	14.06.2025	15.06.2025	16.06.2025	17.06.2025	18.06.2025
Rainfall (mm)	6.4	23.6	21.4	9.2	7.6
Max. temp (°C)	24.5	23.7	22.7	23.5	24.8

Min.Temp (°C)	20.9	20.8	20.6	20.2	20.1
Sky condition (Octas)	8	8	7	8	8
Relative humidity (%) 0830 hours	93.1	94.1	91.7	91.9	92.3
Relative humidity (%) 1730 hours	81.7	85.5	83.4	79.5	74.2
Wind Speed (kmph)	14.8	12.5	18.7	15.6	15
Wind Direction	227	230.8	236	236.3	239.7

Mysuru					
Parameter	14.06.2025	15.06.2025	16.06.2025	17.06.2025	18.06.2025
Rainfall (mm)	3.2	15	19.8	5.3	8.4
Max. temp (°C)	25.9	24.1	24.1	24.4	25.6
Min.Temp (°C)	21.2	21.1	21	20.8	20.7
Sky condition (Octas)	7	8	7	8	8
Relative humidity (%) 0830 hours	90.7	93.3	89.9	90	89.8
Relative humidity (%) 1730 hours	74.6	83.1	75.7	74.1	69.3
Wind Speed (kmph)	15.9	17.4	20.8	16.6	18.1
Wind Direction	230.5	230	236.3	242.9	238.8

Nanjanagudu					
Parameter	14.06.2025	15.06.2025	16.06.2025	17.06.2025	18.06.2025
Rainfall (mm)	3.3	10.2	17.2	3.3	7.1
Max. temp (°C)	27.1	25.7	25.5	25.6	26.4
Min.Temp (°C)	22	21.5	21.5	21.1	21.2
Sky condition (Octas)	7	8	7	8	8
Relative humidity (%) 0830 hours	86.5	88.8	85.5	86.7	84
Relative humidity (%) 1730 hours	65.9	73.2	68.5	67.3	65.1
Wind Speed (kmph)	17.5	19.6	23.2	20.9	21.1
Wind Direction	237.6	237.8	240.2	248.7	246.9

Piriapatna					
Parameter	14.06.2025	15.06.2025	16.06.2025	17.06.2025	18.06.2025
Rainfall (mm)	13.1	36.6	23.2	15.9	9.3
Max. temp (°C)	22.5	21.7	21.4	21.9	22.4
Min.Temp (°C)	20.2	19.9	19.9	19.7	19.4
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	95.6	96.3	95.5	94.9	95.7
Relative humidity (%) 1730 hours	88.9	92.1	90.2	87.6	84.6
Wind Speed (kmph)	12.3	12.9	15.8	14.2	13.6
Wind Direction	229.7	239.8	235.2	239.5	238

T. Narasipura					
Parameter	14.06.2025	15.06.2025	16.06.2025	17.06.2025	18.06.2025
Rainfall (mm)	2.7	10.6	16.6	2.4	4.6
Max. temp (°C)	27.5	25.9	25.7	26.2	26.8
Min.Temp (°C)	22.2	21.7	21.5	21.4	21.4
Sky condition (Octas)	7	8	7	8	8
Relative humidity (%) 0830 hours	85.2	89.7	85.6	86.1	84.8
Relative humidity (%) 1730 hours	65.5	73.4	67.6	63.5	62.8
Wind Speed (kmph)	17.2	18.4	22.6	18.3	19.7
Wind Direction	237	235.4	241.4	248	246.2

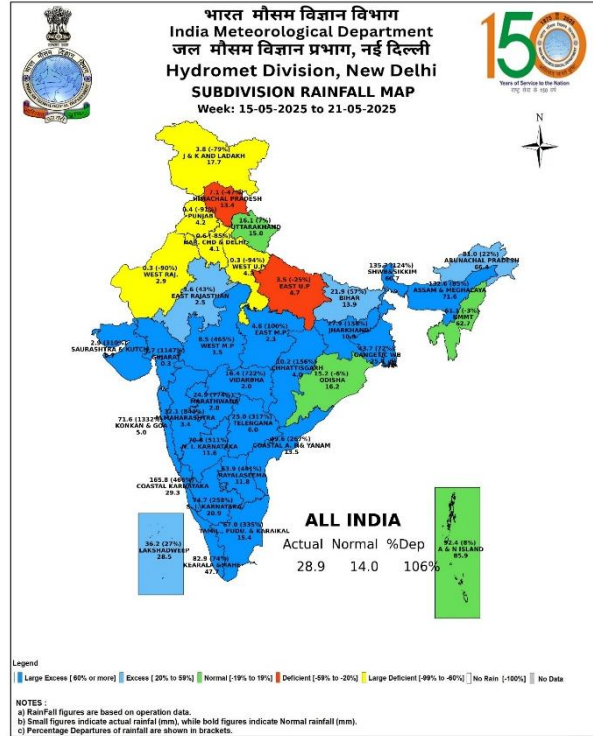
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

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**

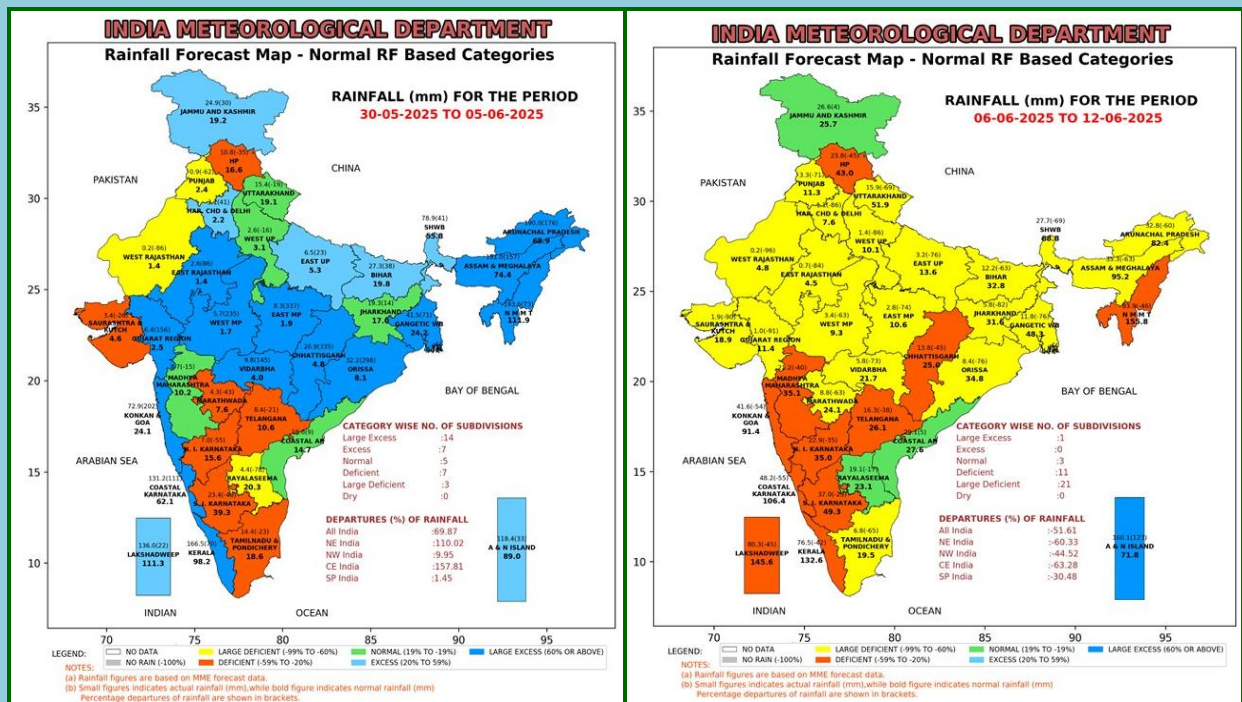
वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान
Realized Rainfall and Extended Range Forecast
(वर्षा और तापमान)
(Rainfall and Temperature)

Realized Rainfall
(15th to 28th May, 2025)



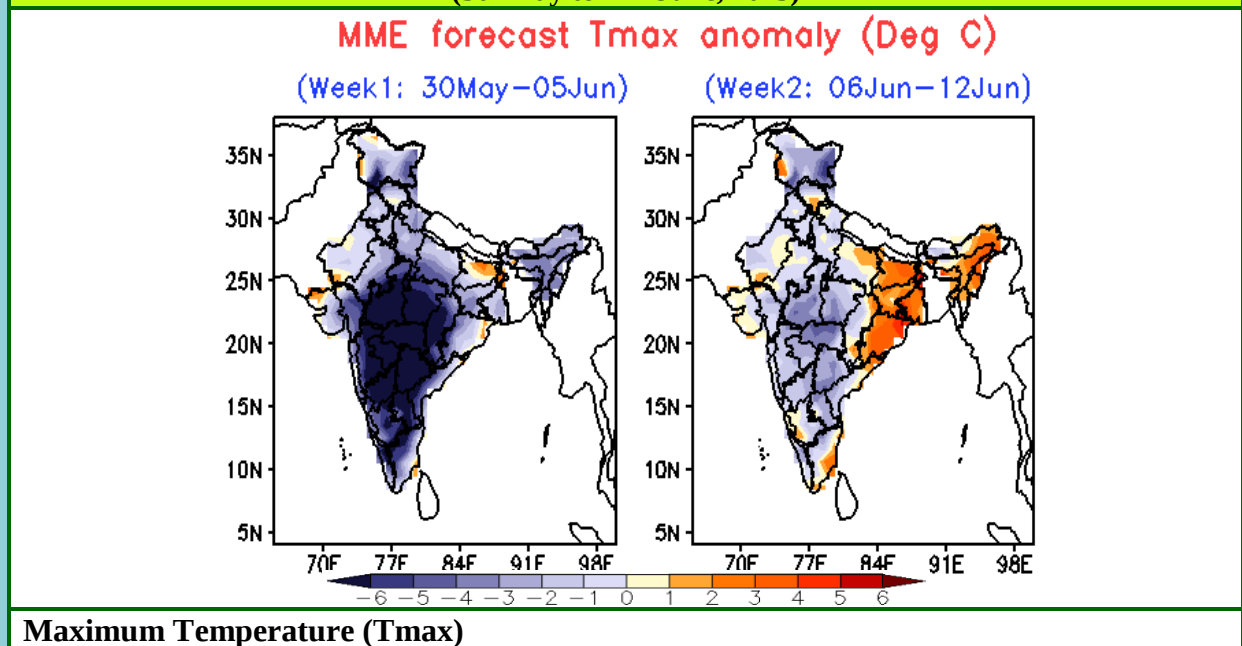
Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 28th May, 2025)
(30th May to 12th June, 2025)



- **Week1(30.05.2025 to 05.06.2025):**Rainfall is likely to be above normal over North East India and along West Coast and below normal over Interior Karnataka, Rayalaseema and Tamil Nadu. However, mainly dry weather is likely to be over Rajasthan, Punjab, Haryana, West Uttar Pradesh, Saurashtra & Kutch, most parts of Tamil Nadu, North Interior Karnataka and Rayalaseema.
- **Week 2 (06.06.2025to 12.06.2025):**Rainfall is likely to be below normal over most parts of the country. Mainly dry weather is likely over Rajasthan, Punjab, Haryana, Gujarat, Uttar Pradesh and Madhya Pradesh.

**Maximum and Minimum temperature anomaly ($^{\circ}$ C) forecast
for the next 2 weeks (IC- 28thMay,2025)
(30thMay to 12th June, 2025)**

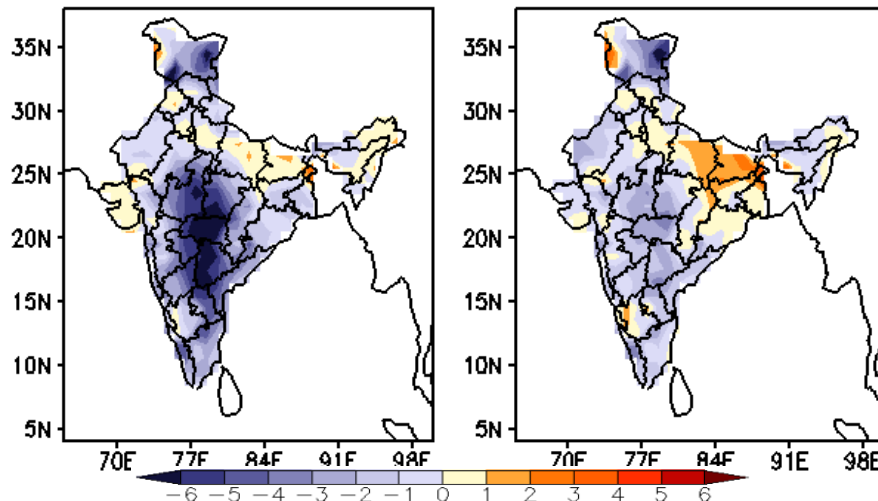


- **Week 1 (30.05.2025 to 05.06.2025):**Maximum temperature is likely to be below normal over most parts of the country except Bihar.
- **Week 2 (06.06.2025to 12.06.2025):**Maximum temperature is likely to be above normal over East and North East India and below normal over rest of the country.

MME forecast Tmin anomaly (Deg C)

(Week1: 30May–05Jun)

(Week2: 06Jun–12Jun)



Minimum Temperature (Tmin)

- **Week 1 (30.05.2025 to 05.06.2025):** Minimum temperature is likely to be below normal over most parts of the country. However, it is likely to be slightly above normal over Saurashtra & Kutch, Bihar, East Uttar Pradesh and Arunachal Pradesh.
- **Week 2 (06.06.2025to 12.06.2025):** Minimum temperature is likely to be below normal over many parts of the country. However, it is likely to be above normal over Bihar and East Uttar Pradesh.