

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



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



Date: 27-05-2025

AGRO-ADVISORY BULLETIN FOR MANDYA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	24.05.2025	25.05.2025	26.05.2025	27.05.2025
Rainfall (mm)	0	3.5	17.5	9
Max. Temp. (°C)	-	28.2	26.9	27.2
Min. Temp. (°C)	22.8	22.2	21.7	21.4
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	92	94	97	97
Relative humidity (%) 1730 hours	-	84	97	97
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 28-05-2025 to 01-06-2025)

Parameter	28.05.2025	29.05.2025	30.05.2025	31.05.2025	01.06.2025
Rainfall (mm)	8	7	7	6	3
Max. temp (°C)	27	27	26	26	26
Min.Temp (°C)	21	21	21	20	20
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	95	96	95	92	92
Relative humidity (%) 1730 hours	88	87	89	88	87
Wind Speed (kmph)	20	18	18	20	20
Wind Direction	252	256	257	247	253

Forecast Summary

As forecast received from IMD, cloudy sky with **light rainfall** may be expected from **28.05.2025 to 01.06.2025** in Mandya district. The day temperature is expected to be 26-27°C & night temperature is expected to be 20-21°C. The relative humidity in the morning hours is expected to be 92-96% & afternoon relative humidity is expected to be in the range of 87-89 % Wind speed expected to be 18-20 km/ hr.

General Advisory:

- Light to moderate rainfall is expected daily; ensure proper drainage in all crop fields to prevent water stagnation.
- Cloudy weather with high humidity may favor the development of fungal diseases in crops.
- Carry out weeding and intercultural operations during dry spells to manage weed growth effectively.
- Monitor crops regularly for fungal diseases such as blight, mildew, and rust; apply appropriate fungicides if symptoms appear.
- Provide support to tall and fruit-bearing crops like banana, tomato, and chilli to prevent lodging due to wind and wet soil.
- Avoid harvesting during rainy days; store harvested produce in dry and well-ventilated conditions.
- Maintain clean and dry shelters for livestock; ensure adequate ventilation and provide clean drinking water.
- Keep poultry sheds dry and hygienic; monitor for disease symptoms and ensure proper litter management.
- Apply fertilizers during dry weather to avoid nutrient loss through leaching.
- Monitor crops for sucking pests like aphids and whiteflies; use recommended pest control measures if necessary.
- Maintain overall field hygiene by removing diseased plant parts and crop debris to reduce the risk of infections.

SMS Advisory:

Monsoon may weaken as the depression over West Bengal coast subsides in 3–4 days. Dry and sunny weather expected across the state in the first week of June.

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	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.

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.

Recommendation to farmers		
Crop specific advisory:		
Crop	Stage	Advisory
Cabbage diamond back moth	Head stage	<ul style="list-style-type: none"> Spray DDVP 76 EC. @0.5 ml./lit water in nursery. 15 days before transplanting around the main field and every 25 rows of cabbage one row of mustard sowing, 15 to 20 days after cabbage planting another row of mustard sowing. Mustard as trap crop. Spray on mustard with 0.5 ml. DDVP in a lit. water. During head formation, spray 5 per cent NSKE . Birdpurchases may be provided to attract predatory birds.
Tomato whiteflies	Fruiting stage	Spray 1.0ml.Oxydemeton methyl 25 EC in a lit. water.
Bean Pod borer	Pod formation stage	Spray 2.0 ml. Malathion 50 EC./ lit. water .
Tomato Early and late blight of tomato	Fruiting stage	<p>For late blight of tomato 15 days prior to transplanting Trichoderma and Pseudomonas enriched compost may be incorporated to the soil. For early blight control spray 2.0 g. Mancozeb 75 WP</p> <p>OR</p> <p>2.0 g. Maneb</p> <p>OR</p> <p>2.0 g. Metalaxyl- MZ 72WP.</p> <p>OR</p> <p>2.0 g. Dimethomorph + polyram/lit. water.</p> <p>For control of late blight spray 2.0 g. Metalaxyl - MZ 72WP.</p> <p>OR</p> <p>2.0 g. Fosetyl al 80 WP</p> <p>OR</p> <p>2.0 g. Dimethomorph + polyram in a lit. water, 5 weeks after transplanting. Repeat the spray 7th, 9th and 11th weeks after transplanting. 200- 250 lit. spray solution required/acre/spray.</p>
Banana Leaf spot (sigatoka)	Fruit development	<p>In endemic areas grow resistant banana variety - Sakkare bale. At the time of planting the rhizomes may treated with any one of the Fungicides /lit. water</p> <p>a)Propiconazole 25 EC.- 1.0 ml.</p> <p>b)Theiophenate methyl 70 Wdiv.- 1.0 g.</p> <p>c)Carbendazim 50 Wdiv.- 1.0 g.</p> <p>d)Metham Sodium (Vapom) - 1.0 g.</p> <p>In Mashy area provide drainage.</p>
Field bean pod borer	Pod development	<p>Dust 10 kg. Fenvalrate 0.4 D.</p> <p>OR</p> <p>Malathion 5 D. per acre during morning hours.</p>

Block level weather forecast (From 28-05-2025 to 01-06-2025)					
Krishnarajpet					
Parameter	28.05.2025	29.05.2025	30.05.2025	31.05.2025	01.06.2025
Rainfall (mm)	4.2	4.3	7.9	4.2	0.5
Max. temp (°C)	25.2	26.1	24.2	22.8	24.9
Min.Temp (°C)	21.2	21.2	21	20.4	20.8
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	90.8	89.4	90.4	89.6	88.2
Relative humidity (%) 1730 hours	72.1	67.6	78	81.6	69.4
Wind Speed (kmph)	17.4	19.7	18	23.9	16.5
Wind Direction	256.8	260.5	253.7	248.8	253.5

Maddur					
Parameter	28.05.2025	29.05.2025	30.05.2025	31.05.2025	01.06.2025
Rainfall (mm)	1.8	4.4	4.9	3.3	0.3
Max. temp (°C)	26.7	27.9	26.4	23.2	27
Min.Temp (°C)	21.8	22.2	21.7	20.7	21.4
Sky condition (Octas)	7	8	8	8	7
Relative humidity (%) 0830 hours	91.8	87.2	88.2	89.3	87
Relative humidity (%) 1730 hours	70.3	63.8	71.5	82.4	64.4
Wind Speed (kmph)	16.1	19.2	15.8	19.5	15.2
Wind Direction	250.3	257	248.7	250.6	256.3

Malvalli					
Parameter	28.05.2025	29.05.2025	30.05.2025	31.05.2025	01.06.2025
Rainfall (mm)	2.1	2.2	5	5.1	0.2
Max. temp (°C)	27.1	28.1	25.6	23.6	26.1
Min.Temp (°C)	22	22.2	21.9	21.1	21.6
Sky condition (Octas)	7	8	8	8	8
Relative humidity (%) 0830 hours	88.2	84.1	86.2	89.2	86.3
Relative humidity (%) 1730 hours	69	61	72.2	80.6	65.2
Wind Speed (kmph)	19.4	23.1	20.4	23.2	17
Wind Direction	254.9	254.7	249.3	251	256.5

Mandya					
Parameter	28.05.2025	29.05.2025	30.05.2025	31.05.2025	01.06.2025
Rainfall (mm)	1.9	2.8	5.6	5.1	0.2
Max. temp (°C)	26.1	27.1	25.7	23.2	26.1
Min.Temp (°C)	21.5	21.8	21.2	20.6	21
Sky condition (Octas)	8	8	8	8	7
Relative humidity (%) 0830 hours	91.8	87.6	89	89.5	88
Relative humidity (%) 1730 hours	70.9	64.7	72.6	80.8	66.6
Wind Speed (kmph)	15.9	20.3	17.8	22.3	15.9
Wind Direction	251.6	256.7	248.6	247.2	251.6

Nagamangala					
Parameter	28.05.2025	29.05.2025	30.05.2025	31.05.2025	01.06.2025
Rainfall (mm)	1.2	2.9	4.1	1.9	0.3
Max. temp (°C)	24.9	25.2	25.6	22.9	26
Min.Temp (°C)	21.2	21.1	20.7	20.7	20.8
Sky condition (Octas)	8	8	8	8	7
Relative humidity (%) 0830 hours	91.8	89.5	89	89.6	87.1
Relative humidity (%) 1730 hours	75.2	73.5	72.5	80.9	64.4
Wind Speed (kmph)	19	22.3	20.6	22.6	16.2
Wind Direction	254.6	259.8	257.9	253.3	257.2

Pandavapura					
Parameter	28.05.2025	29.05.2025	30.05.2025	31.05.2025	01.06.2025
Rainfall (mm)	2.4	3.4	9.3	6.3	0.6
Max. temp (°C)	26.1	27	25.2	23.2	26
Min.Temp (°C)	21.6	21.7	21.2	20.6	21.1
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	90.9	87.8	89.6	90.7	88.2
Relative humidity (%) 1730 hours	70.8	65.3	74.6	80.2	66.8
Wind Speed (kmph)	17.5	21.5	18.5	22.6	16.1
Wind Direction	250.8	256.4	249.4	247.5	250.3

Shrirangapatna					
Parameter	28.05.2025	29.05.2025	30.05.2025	31.05.2025	01.06.2025
Rainfall (mm)	2.7	3.1	8.9	6.3	0.6
Max. temp (°C)	26.4	27.6	24.5	23.1	25.7
Min.Temp (°C)	21.6	21.8	21.4	20.7	21.2
Sky condition (Octas)	8	8	8	8	8
Relative humidity (%) 0830 hours	89.6	86.3	88.9	91	87
Relative humidity (%) 1730 hours	70.8	62.8	77.2	80.1	67.5
Wind Speed (kmph)	18.8	21.5	18.3	21.8	15.7
Wind Direction	249.8	252.5	248	247.7	249.9

- 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

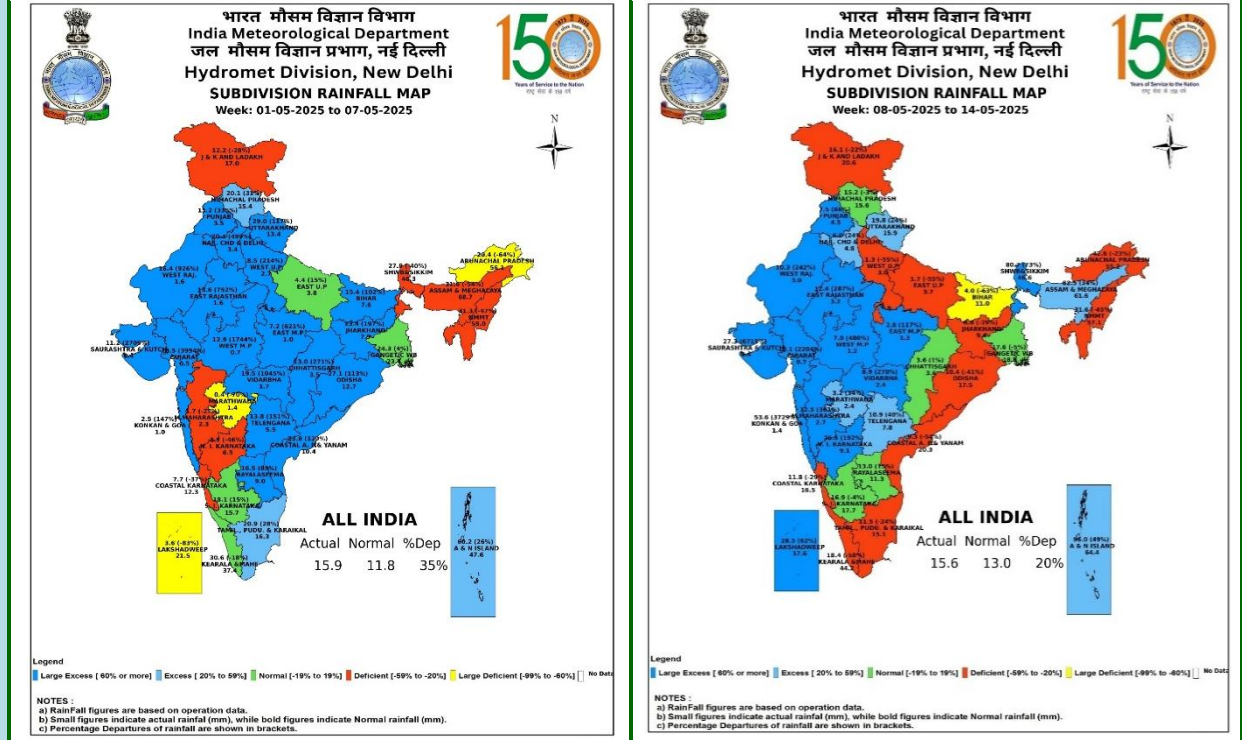
For any information farmers can contact **Dr.C.Ramachandra**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No.0821-259126/ 9535345814.

AMFU of IMD, Naganahalli, Mysuru

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

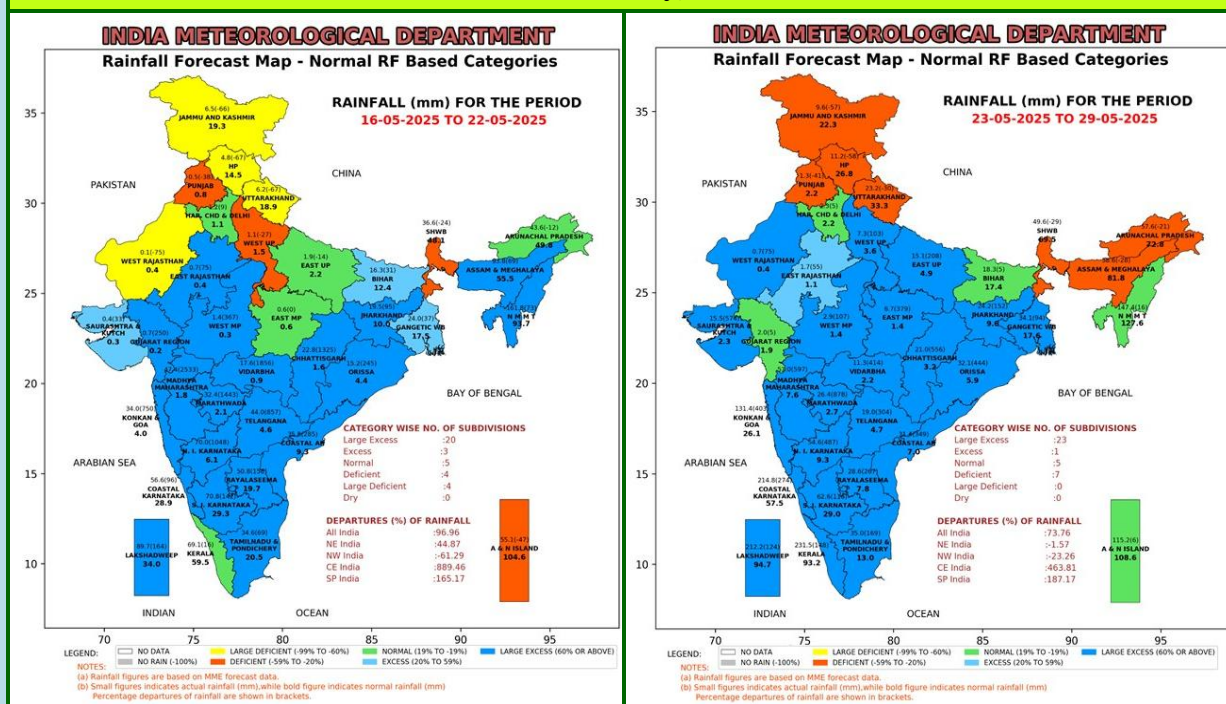
Realized Rainfall

(01st to 14th May, 2025)



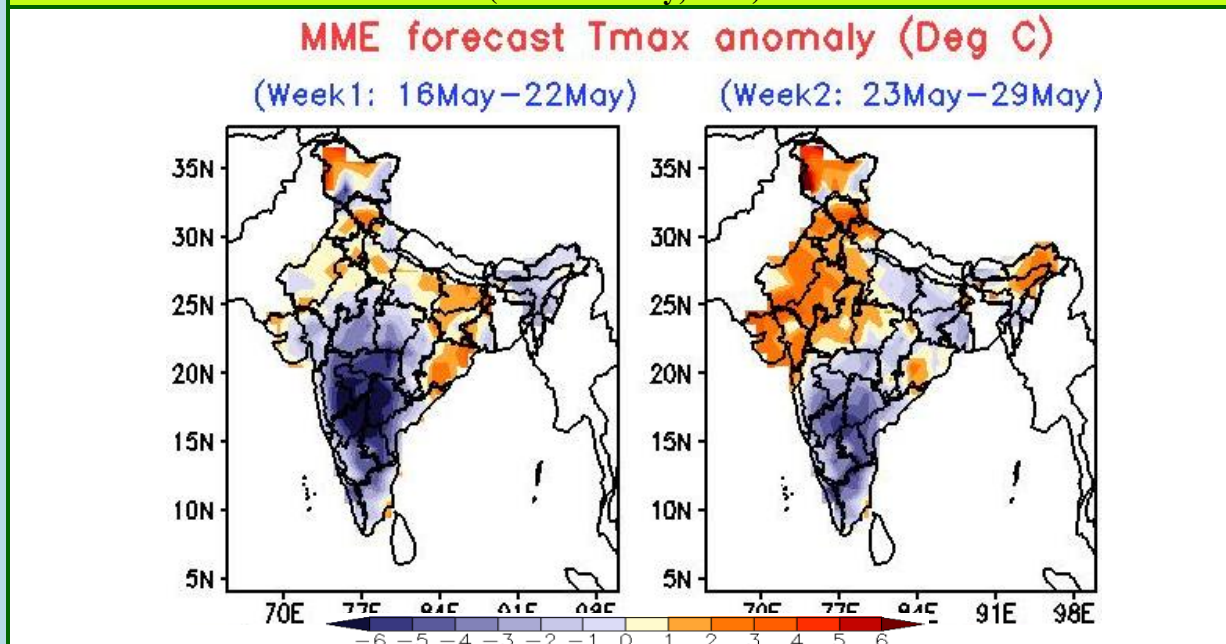
Extended Range Forecast System

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

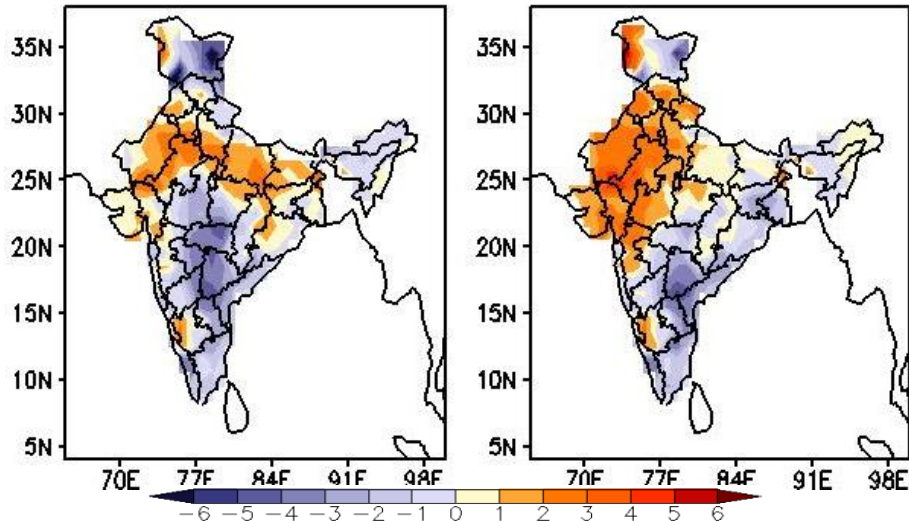
the country.

- **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.