

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



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



**Date:02-05-2025**

**AGRO-ADVISORY BULLETIN FOR MANDYA DISTRICT**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

**Past Weather Data**

<b>Parameter</b>	<b>29.04.2025</b>	<b>30.04.2025</b>	<b>01.05.2025</b>	<b>02.05.2025</b>
<b>Rainfall (mm)</b>	-	0	4.5	0
<b>Max. Temp. (°C)</b>	-	33.2	34.8	32.7
<b>Min. Temp. (°C)</b>	-	21.2	21.3	23.2
<b>Sky condition (Octas)</b>	-	-	-	-
<b>Relative humidity (%) 0830 hours</b>	-	83	91	92
<b>Relative humidity (%) 1730 hours</b>	-	52	47	46
<b>Wind Speed (km/h)</b>	-	-	-	-
<b>Wind Direction</b>	-	-	-	-

**Weather forecast for the next five days (From 03-05-2025 to 07-05-2025)**

<b>Parameter</b>	<b>03.05.2025</b>	<b>04.05.2025</b>	<b>05.05.2025</b>	<b>06.05.2025</b>	<b>07.05.2025</b>
<b>Rainfall (mm)</b>	15	16	2	5	7
<b>Max. temp (°C)</b>	33	34	33	34	33
<b>Min.Temp (°C)</b>	23	23	23	24	23
<b>Sky condition (Octas)</b>	5	5	4	4	5
<b>Relative humidity (%) 0830 hours</b>	81	84	84	83	83
<b>Relative humidity (%) 1730 hours</b>	41	40	34	31	33
<b>Wind Speed (kmph)</b>	16	14	10	8	8
<b>Wind Direction</b>	261	266	275	230	230

**Forecast Summary**

As forecast received from IMD, cloudy sky with **Moderate rainfall** may be expected from **03.05.2025 to 07.05.2025** in Mandya district. The day temperature is expected to be 33-34°C & night temperature is expected to be 23-24°C. The relative humidity in the morning hours is expected to be 81-84% & afternoon relative humidity is expected to be in the range of 31-41% Wind speed expected to be 08-16 km/ hr.

**General Advisory:**

- Moderate 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
<b>Paddy</b>	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.
<b>Maize</b>	Tasseling stage	Ensure adequate soil moisture during tasseling—most critical stage. Light irrigation needed if rain is insufficient. Avoid spraying during tasseling.
<b>Finger millet</b>	Vegetative stage	Favorable for vegetative growth. Intercultural operations can be done. Apply nitrogen top dressing after rains.
<b>Tomato</b>	Flowering	Avoid water stagnation. Stake plants to prevent lodging. Spray <b>borax (0.2%)</b> to prevent flower drop. Monitor for thrips and leaf curl virus.
<b>Chilli</b>	Fruit formation stage	Ensure good drainage. Apply potassium-rich fertilizers for fruit setting. Monitor for sucking pests and fruit rot after rains.
<b>Banana</b>	Fruit development stage	Support plants to prevent lodging due to wind. Maintain basin cleanliness. Apply potash and micronutrients if not done.
<b>Black gram, Green gram and cowpea</b>	Sowing	Rains are favorable for sowing. Choose well-drained fields. Avoid sowing just before the 21st (moderate rain) to prevent seed rotting.
<b>Sugarcane</b>	Vegetative	Light rain is good. Carry out earthing-up if not done. Top-dressing of nitrogen after rainfall is beneficial. Control early shoot borer.
<b>Mango</b>	Fruit development stage	Light rain is favorable. Ensure fruit fly traps are installed. Spray <b>potassium nitrate (1%)</b> for fruit development and to prevent spongy tissue.
<b>Vegetable crops</b>	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
<b>Livestock</b>	Ensure clean, shaded, and well-ventilated shelters to prevent heat and humidity stress. Provide <b>plenty of clean drinking water</b> . Use fans if possible. Avoid grazing during <b>midday heat</b> . Supplement with <b>mineral mixture and salt licks</b> to maintain animal

	health. Regularly check hooves and shelter hygiene due to increased moisture.
<b>Poultry</b>	Maintain proper cross-ventilation and ensure adequate space in sheds to avoid crowding. <b>Sprinkle water</b> around sheds to reduce temperature. Provide <b>cool, clean water with electrolytes</b> . Feed birds during <b>early morning and evening</b> . Ensure <b>dry bedding</b> to prevent fungal issues due to humidity.
<b>Sericulture</b>	Maintain optimal rearing room temperature (26–28°C) and humidity (75–80%) through <b>humidifiers or water sprinkling</b> . Avoid overcrowding of worms. Provide <b>well-moistened mulberry leaves</b> , and protect mulberry gardens from rain damage using proper drainage and partial shade. Monitor for fungal diseases due to changing humidity.

### Recommendation to farmers

#### Crop specific advisory:

<b>Crop</b>	<b>Stage</b>	<b>Advisory</b>
<b>Cabbage diamond back moth</b>	Head stage	<ul style="list-style-type: none"> <li>• Spray DDVP 76 EC. @0.5 ml./lit water in nursery.</li> <li>• 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.</li> <li>• During head formation, spray 5 per cent NSKE .</li> <li>• Birdpurchases may be provided to attract predatory birds.</li> </ul>
<b>Tomato whiteflies</b>	Fruiting stage	Spray 1.0ml.Oxydemeton methyl 25 EC in a lit. water.
<b>Bean Pod borer</b>	Pod formation stage	Spray 2.0 ml. Malathion 50 EC./ lit. water .
<b>Tomato Early and late blight of tomato</b>	Fruiting stage	<p>For late blight of tomato 15 days prior to transplanting Trichoderma and Pseudomonas enriched compost may be incorporated to the soil.</p> <p>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>
<b>Banana Leaf spot (sigatoka)</b>	Fruit development	<p>In endemic areas grow resistant banana variety - Sakkare bale.</p> <p>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>

		In Mashy area provide drainage.
<b>Field bean pod borer</b>	Pod development	Dust 10 kg. Fenvalrate 0.4 D. OR Malathion 5 D. per acre during morning hours.

Block level weather forecast (From 03-05-2025 to 07-05-2025)					
Krishnarajpet					
Parameter	03.05.2025	04.05.2025	05.05.2025	06.05.2025	07.05.2025
Rainfall (mm)	2.9	19.5	0.2	0.2	2.8
Max. temp (°C)	33.5	32.2	33.9	34.9	34.2
Min.Temp (°C)	23.1	22.2	22.4	22.2	22.2
Sky condition (Octas)	7	7	5	3	5
Relative humidity (%) 0830 hours	80.6	87.1	84.7	84.8	82.6
Relative humidity (%) 1730 hours	41.2	47	33.8	31.3	34.3
Wind Speed (kmph)	5.8	11.5	9.8	6.1	10
Wind Direction	273.6	284.5	298.5	310.3	295.7

Maddur					
Parameter	03.05.2025	04.05.2025	05.05.2025	06.05.2025	07.05.2025
Rainfall (mm)	3.9	10.6	1.5	0.8	2.7
Max. temp (°C)	35.6	34.2	35.6	36.2	36.2
Min.Temp (°C)	24.2	23.4	23.7	23.5	23.8
Sky condition (Octas)	7	7	5	5	6
Relative humidity (%) 0830 hours	76.4	83.8	83	84.2	82.3
Relative humidity (%) 1730 hours	38	41.6	30.2	29.1	30.1
Wind Speed (kmph)	5.5	9.1	7.6	6.4	8.6
Wind Direction	238.4	260.9	275.4	286.4	272.4

Malvalli					
Parameter	03.05.2025	04.05.2025	05.05.2025	06.05.2025	07.05.2025
Rainfall (mm)	4.4	8.3	2	1.3	2.1
Max. temp (°C)	35.6	34.5	35.2	36.1	36.1
Min.Temp (°C)	24.4	23.6	23.9	23.7	24
Sky condition (Octas)	7	7	5	6	6
Relative humidity (%) 0830 hours	76.2	81.4	83.2	84.8	83.9
Relative humidity (%) 1730 hours	37.5	40.5	29.2	28.6	29.5

<b>Wind Speed (kmph)</b>	5.8	9.9	7.9	7.4	9
<b>Wind Direction</b>	240.2	259.5	230	284	267.7

<b>Mandya</b>					
<b>Parameter</b>	<b>03.05.2025</b>	<b>04.05.2025</b>	<b>05.05.2025</b>	<b>06.05.2025</b>	<b>07.05.2025</b>
<b>Rainfall (mm)</b>	4.4	11.1	1.6	1.2	2.8
<b>Max. temp (°C)</b>	34.8	33.2	35	36	35.7
<b>Min.Temp (°C)</b>	23.7	23	23.2	23.1	23.1
<b>Sky condition (Octas)</b>	7	7	5	5	6
<b>Relative humidity (%) 0830 hours</b>	78.4	84.8	83.1	85.8	84.1
<b>Relative humidity (%) 1730 hours</b>	39.4	45.4	30.2	29.7	30.6
<b>Wind Speed (kmph)</b>	5.8	11.5	8.9	5.6	9.4
<b>Wind Direction</b>	248.2	266.4	284	284.9	276.6

<b>Nagamangala</b>					
<b>Parameter</b>	<b>03.05.2025</b>	<b>04.05.2025</b>	<b>05.05.2025</b>	<b>06.05.2025</b>	<b>07.05.2025</b>
<b>Rainfall (mm)</b>	4.3	5.5	0.2	0.5	6
<b>Max. temp (°C)</b>	33.9	32.7	34.7	35.6	35
<b>Min.Temp (°C)</b>	23.2	22.2	22.4	22.5	22.5
<b>Sky condition (Octas)</b>	7	7	5	4	5
<b>Relative humidity (%) 0830 hours</b>	79.4	85.1	82.7	84.6	82
<b>Relative humidity (%) 1730 hours</b>	40.8	45.8	31.5	30.9	34.5
<b>Wind Speed (kmph)</b>	5.8	11.9	9.8	7.1	12
<b>Wind Direction</b>	230	271.7	293.8	294	285.7

<b>Pandavapura</b>					
<b>Parameter</b>	<b>03.05.2025</b>	<b>04.05.2025</b>	<b>05.05.2025</b>	<b>06.05.2025</b>	<b>07.05.2025</b>
<b>Rainfall (mm)</b>	4	10.1	1.4	1.3	3.7
<b>Max. temp (°C)</b>	34.2	32.6	34.6	35.6	35
<b>Min.Temp (°C)</b>	23.5	22.8	23	22.8	22.8
<b>Sky condition (Octas)</b>	7	7	5	5	5
<b>Relative humidity (%) 0830 hours</b>	79.4	85.1	85.8	87	85.6
<b>Relative humidity (%) 1730 hours</b>	40.4	47	31.8	31.2	33.2
<b>Wind Speed (kmph)</b>	6.2	11.5	8.9	5.7	10.2
<b>Wind Direction</b>	249.4	268.2	284	288.4	278.1

Shrirangapattana					
Parameter	03.05.2025	04.05.2025	05.05.2025	06.05.2025	07.05.2025
Rainfall (mm)	4.7	7.8	1.4	1.4	3.7
Max. temp (°C)	34.7	33.1	34.7	35.6	35
Min.Temp (°C)	23.6	22.9	23.2	23	23.1
Sky condition (Octas)	7	7	5	5	5
Relative humidity (%) 0830 hours	79.8	83.4	85.8	86.8	86
Relative humidity (%) 1730 hours	40.7	46.7	31.9	32.4	34
Wind Speed (kmph)	7.4	10.8	8.8	6.8	10.5
Wind Direction	247.2	230	281.8	288.4	273.9

- 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](http://mausam.imd.gov.in)

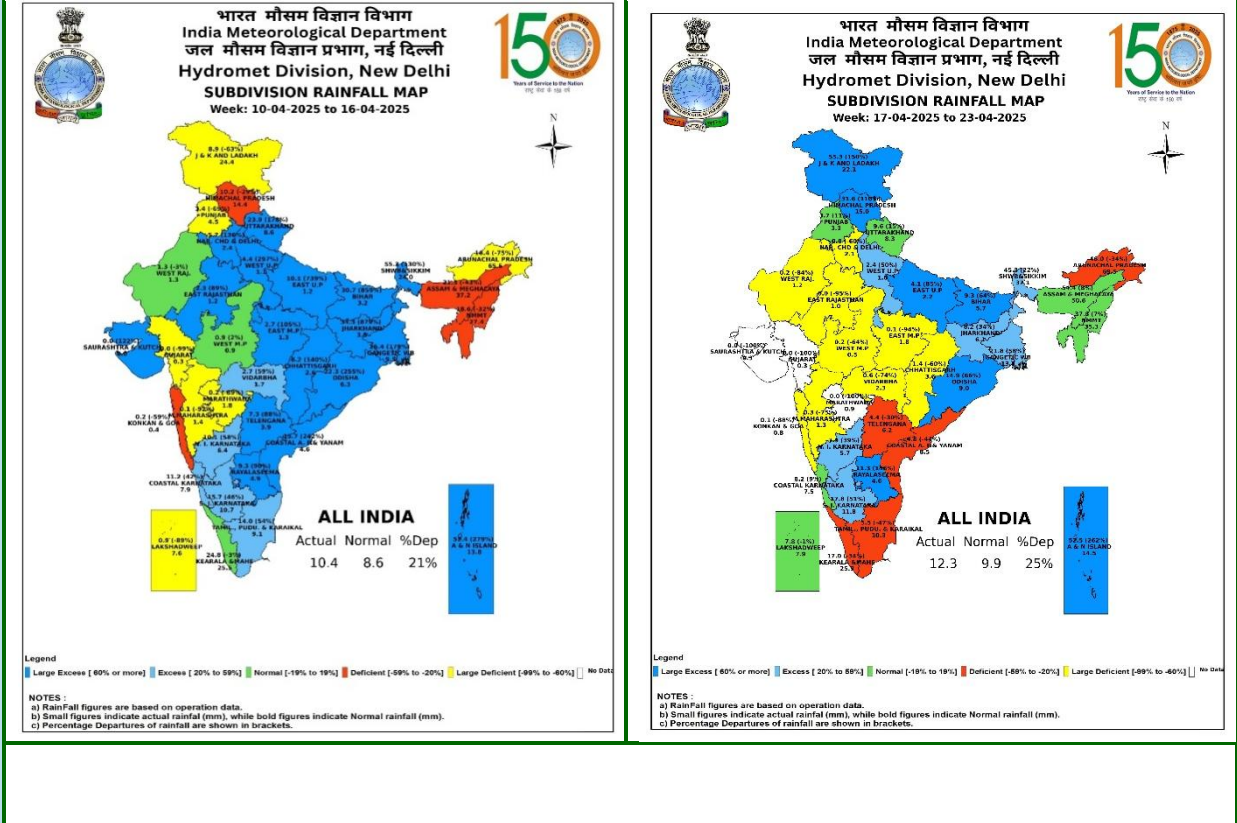
For any information farmers can contact **Dr.C.Ramachandra**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No.0821-259126/ 9535345814.

**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**

(10<sup>th</sup> to 23<sup>rd</sup> April, 2025)

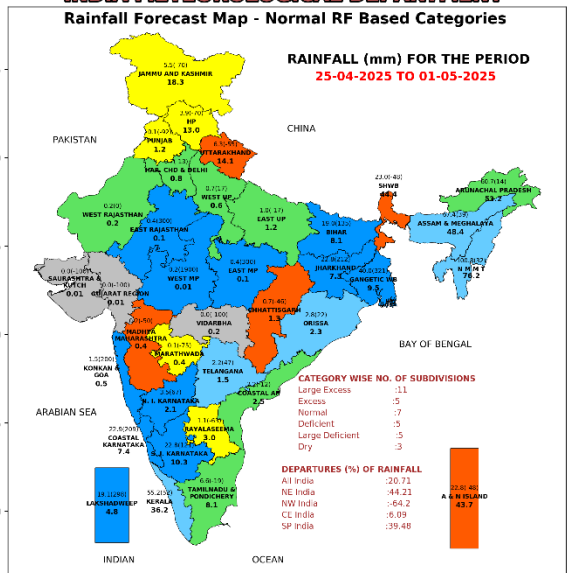




## Extended Range Forecast System

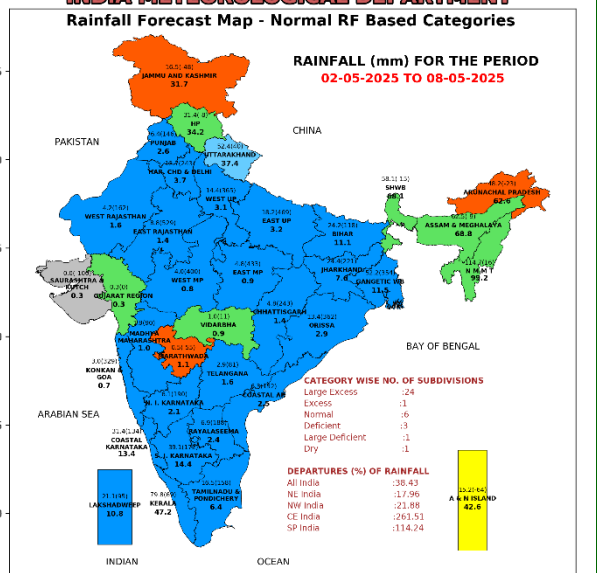
Rainfall forecast maps for the next 2 weeks (IC- 23<sup>rd</sup> April, 2025)  
(25<sup>th</sup> April to 08<sup>th</sup> May, 2025)

### INDIA METEOROLOGICAL DEPARTMENT Rainfall Forecast Map - Normal RF Based Categories



LEGEND:   
 (a) Rainfall figures are based on MMF forecast data.   
 (b) Small figures indicates actual rainfall (mm), while bold figure indicates normal rainfall (mm)   
 Percentage departures of rainfall are shown in brackets.

### INDIA METEOROLOGICAL DEPARTMENT Rainfall Forecast Map - Normal RF Based Categories



LEGEND:   
 (a) Rainfall figures are based on MMF forecast data.   
 (b) Small figures indicates actual rainfall (mm), while bold figure indicates normal rainfall (mm)   
 Percentage departures of rainfall are shown in brackets.

- 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.

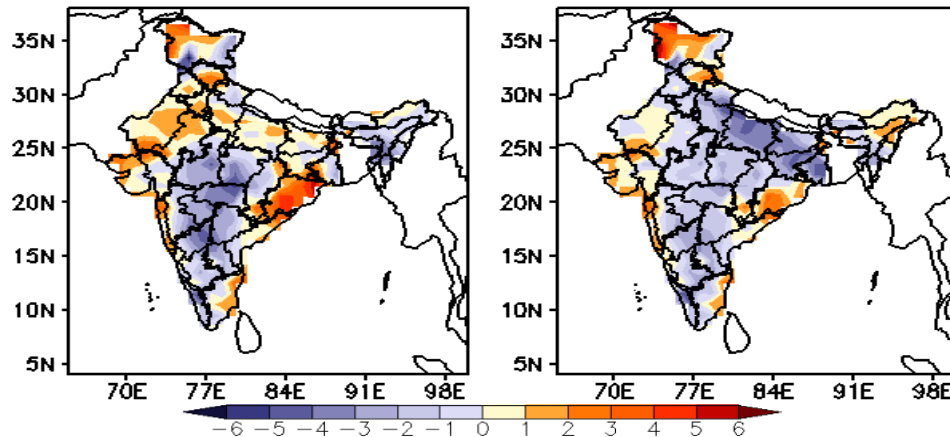


**Maximum and Minimum temperature anomaly (°C) forecast  
for the next 2 weeks (IC- 23<sup>rd</sup> April,2025)  
(25<sup>th</sup> April to 08<sup>th</sup> May, 2025)**

**MME forecast Tmax anomaly (Deg C)**

(Week1: 25Apr–01May)

(Week2: 02May–08May)



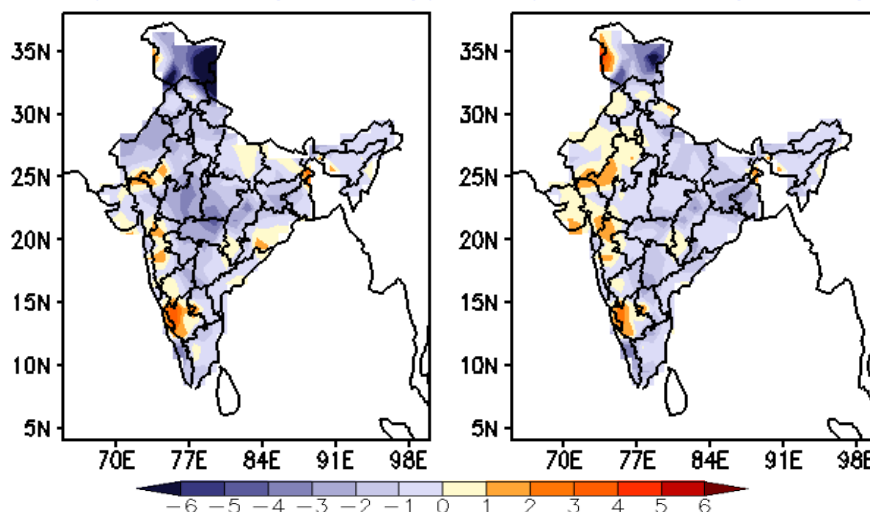
**Maximum Temperature (Tmax)**

- **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.