

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



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



**Date:25-03-2025**

**AGRO-ADVISORY BULLETIN FOR MANDYA DISTRICT**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

**Past Weather Data**

<b>Parameter</b>	<b>22.03.2025</b>	<b>23.03.2025</b>	<b>24.03.2025</b>	<b>25.03.2025</b>
<b>Rainfall (mm)</b>	0	7	0	0
<b>Max. Temp. (°C)</b>	34.3	34.6	31.9	33.3
<b>Min. Temp. (°C)</b>	22	19.4	19.8	21.5
<b>Sky condition (Octas)</b>	-	-	-	-
<b>Relative humidity (%) 0830 hours</b>	94	99	84	94
<b>Relative humidity (%) 1730 hours</b>	-	-	52	-
<b>Wind Speed (km/h)</b>	-	-	-	-
<b>Wind Direction</b>	-	-	-	-

**Weather forecast for the next five days (From 26-03-2025 to 30-03-2025)**

<b>Parameter</b>	<b>26.03.2025</b>	<b>27.03.2025</b>	<b>28.03.2025</b>	<b>29.03.2025</b>	<b>30.03.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	33	33	34	34	35
<b>Min.Temp (°C)</b>	21	21	21	22	22
<b>Sky condition (Octas)</b>	3	4	4	3	3
<b>Relative humidity (%) 0830 hours</b>	83	73	73	71	67
<b>Relative humidity (%) 1730 hours</b>	54	52	53	54	52
<b>Wind Speed (kmph)</b>	6	6	6	6	4
<b>Wind Direction</b>	171	214	243	264	255

**Forecast Summary**

As forecast received from IMD, cloudy sky with **light rainfall** may be expected from **26.03.2025 to 30.03.2025** in Mandya district. The day temperature is expected to be 33-35°C & night temperature is expected to be 21-22°C. The relative humidity in the morning hours is expected to be 67-83% & afternoon relative humidity is expected to be in the range of 52-54% Wind speed expected to be 4-6 km/ hr.

### SMS Advisory

A forecasted temperature for the next five days is 35-36°C. Farmers should irrigate crops adequately and use mulching to conserve soil moisture. Provide shade and sufficient drinking water for livestock to prevent heat stress. Ventilation in polyhouses and shaded structures for horticultural crops will help minimize heat-related damage.

### Recommendations to the farmers:-

Crop	Pest/Disease	Damage symptoms	Control measures
<b>General Advisory:</b>			
<ul style="list-style-type: none"><li>• <b>No rainfall;</b> retain soil moisture, providing <b>irrigation at proper intervals is essential</b> to prevent drought stress.</li><li>• <b>Mulching</b> with straw, dry leaves, or plastic mulch will help retain soil moisture and reduce evaporation losses.</li><li>• <b>Pest and Disease Monitoring:</b> Dry conditions favor <b>thrips, mites, aphids</b>, and other sucking pests—regularly monitor crops and use biological or recommended chemical controls if necessary.</li><li>• <b>Drip Irrigation or Sprinkler System:</b> Efficient water management through <b>drip or sprinkler irrigation</b> is advised to optimize water usage.</li><li>• <b>For harvested Crops:</b> Proper drying and <b>moisture management</b> should be ensured before storage to <b>prevent fungal and insect infestations</b>.</li></ul>			

### Weather based advisory

Crop	Stage	Advisory
<b>Paddy</b>	Vegetative stage	Provide regular irrigation to maintain soil moisture. Monitor for stem borer and apply necessary pest control. Maintain proper weed control.
<b>Maize</b>	Tasseling stage	Ensure sufficient moisture to support grain formation. Avoid moisture stress by irrigating fields. Monitor for fall armyworm and use pheromone traps or biological control if needed.
<b>Finger millet</b>	Vegetative stage	Irrigate based on soil moisture. Keep the field weed-free. Apply necessary nutrients for proper growth.
<b>Tomato</b>	Vegetative stage	Water at regular intervals to prevent stress. Monitor for pests like thrips and diseases like early blight. Use mulch to conserve soil moisture.
<b>Chilli</b>	Fruit formation stage	Regular irrigation is essential to avoid flower and fruit drop. Monitor for thrips and mites. Apply organic mulching to retain soil moisture.
<b>Banana</b>	Fruit development stage	Provide irrigation at regular intervals. Ensure proper nutrient supply, especially potassium for better fruit development. Protect plants from sunburn by using organic mulch.
<b>Vegetable crops</b>	Various stages	Maintain adequate soil moisture. Protect crops from pest attacks due to dry weather. Mulching can help conserve moisture and regulate soil temperature.

### Weather based advisory

Crop	Stage	Advisory
<b>Paddy</b>	Vegetative stage	Provide regular irrigation to maintain soil moisture. Monitor for stem borer and apply necessary pest control. Maintain

		proper weed control.
<b>Maize</b>	Tasseling stage	Ensure sufficient moisture to support grain formation. Avoid moisture stress by irrigating fields. Monitor for fall armyworm and use pheromone traps or biological control if needed.
<b>Finger millet</b>	Vegetative stage	Irrigate based on soil moisture. Keep the field weed-free. Apply necessary nutrients for proper growth.
<b>Tomato</b>	Vegetative stage	Water at regular intervals to prevent stress. Monitor for pests like thrips and diseases like early blight. Use mulch to conserve soil moisture.
<b>Chilli</b>	Fruit formation stage	Regular irrigation is essential to avoid flower and fruit drop. Monitor for thrips and mites. Apply organic mulching to retain soil moisture.
<b>Banana</b>	Fruit development stage	Provide irrigation at regular intervals. Ensure proper nutrient supply, especially potassium for better fruit development. Protect plants from sunburn by using organic mulch.
<b>Vegetable crops</b>	Various stages	Maintain adequate soil moisture. Protect crops from pest attacks due to dry weather. Mulching can help conserve moisture and regulate soil temperature.

#### Livestock, Poultry, and Sericulture Advisory (No Rainfall & High Temperature)

Sector	Weather-Based Advisory
<b>Livestock</b>	Ensure proper shade and ventilation in animal sheds. Provide ample clean drinking water. Avoid grazing during peak heat hours. Provide mineral supplements to prevent heat stress.
<b>Poultry</b>	High temperatures may lead to heat stress, affecting egg production and bird health. Maintain proper ventilation in poultry sheds. Provide cool drinking water with electrolytes. Reduce feed quantity in the daytime and provide more during cooler hours.
<b>Sericulture</b>	High temperatures can stress silkworms. Maintain humidity by sprinkling water in rearing rooms. Provide proper aeration and shade to protect mulberry plants from heat stress.

#### Moisture Conservation Practices and Summer Ploughing Advisory

Practice	Weather-Based Advisory
<b>Mulching</b>	Apply dry leaves, paddy straw, or organic waste around plants to reduce evaporation losses and soil temperature.
<b>Summer Ploughing</b>	Since rainfall is absent, conduct deep summer ploughing to expose soil-borne pests and improve aeration. It also helps in better moisture retention for the next season.
<b>Irrigation Management</b>	Follow drip irrigation or sprinkler irrigation to conserve water. Irrigate during early morning or evening hours to minimize evaporation losses.
<b>Shading Measures</b>	For young plants and nurseries, use shade nets or temporary structures to reduce direct heat impact.

#### Sugarcane trash management

- **Composting:** Convert trash into organic manure.
- **Mulching:** Use as mulch to conserve moisture and suppress weeds.
- **Bio-decomposer:** Spray bio-decomposers (e.g., *Trichoderma*, *Pseudomonas*) on trash piles to accelerate decomposition.

- **Soil Incorporation:** Shred and plow trash into the soil.
- **Vermicomposting:** Use in vermiculture for nutrient-rich compost.
- **Animal Bedding:** Use for livestock, later as manure.
- **Avoid Burning:** Opt for sustainable disposal methods.

## Recommendation to farmers

### Crop specific advisory:

Crop	Stage	Advisory
<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>Birdpurches may be provided to attract predatory birds.</li> </ul>
<b>Chilli</b>	Vegetative	
<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> <p>In Mashy area provide drainage.</p>
<b>Field bean pod borer</b>	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 26-03-2025 to 30-03-2025)					
Krishnarajpet					
Parameter	26.03.2025	27.03.2025	28.03.2025	29.03.2025	30.03.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	32.5	32.2	32.6	33.6	33.5
Min.Temp (°C)	22.2	22.1	22	22.2	22.4
Sky condition (Octas)	3	3	4	4	3
Relative humidity (%) 0830 hours	71.9	72.6	76.5	74.8	70.9
Relative humidity (%) 1730 hours	32.8	31.9	33.2	30.8	27.8
Wind Speed (kmph)	4.3	4.2	4.6	3.8	3.6
Wind Direction	155.6	210.9	251.6	286.7	200

Maddur					
Parameter	26.03.2025	27.03.2025	28.03.2025	29.03.2025	30.03.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	34.2	34.5	34.4	35.9	35.9
Min.Temp (°C)	22.7	22.9	23	23.2	23.5
Sky condition (Octas)	2	3	3	2	3
Relative humidity (%) 0830 hours	71.2	74.1	76.6	76.7	75.9
Relative humidity (%) 1730 hours	30.9	32.4	39.8	31.4	24.8
Wind Speed (kmph)	3.2	4.1	6.1	4	3.8
Wind Direction	153.5	195.2	241.9	200	253.3

Malvalli					
Parameter	26.03.2025	27.03.2025	28.03.2025	29.03.2025	30.03.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	34.6	35	34.7	36.1	36.4
Min.Temp (°C)	22.9	23.1	23.5	23.6	23.6
Sky condition (Octas)	2	3	3	3	3
Relative humidity (%) 0830 hours	71	74.3	75.6	75.1	75
Relative humidity (%) 1730 hours	30.7	32.6	38.4	28.2	24.9
Wind Speed (kmph)	2.7	4.5	5.9	5.4	3.8
Wind Direction	156.8	194	256	273.8	253.3

<b>Mandya</b>					
<b>Parameter</b>	<b>26.03.2025</b>	<b>27.03.2025</b>	<b>28.03.2025</b>	<b>29.03.2025</b>	<b>30.03.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	33.5	33.9	33.7	34.9	35.2
<b>Min.Temp (°C)</b>	22.5	22.7	22.7	22.9	23
<b>Sky condition (Octas)</b>	2	4	4	3	3
<b>Relative humidity (%) 0830 hours</b>	73.1	76.3	77.5	76.1	74.7
<b>Relative humidity (%) 1730 hours</b>	32.5	33.5	41	32.2	25.2
<b>Wind Speed (kmph)</b>	4	5.3	6.2	4	3.7
<b>Wind Direction</b>	169.7	208.3	249.4	264.8	258.7

<b>Nagamangala</b>					
<b>Parameter</b>	<b>26.03.2025</b>	<b>27.03.2025</b>	<b>28.03.2025</b>	<b>29.03.2025</b>	<b>30.03.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	32.6	32.6	32.8	34.1	34.1
<b>Min.Temp (°C)</b>	22.2	22.2	22.2	22.2	22.7
<b>Sky condition (Octas)</b>	3	4	3	4	3
<b>Relative humidity (%) 0830 hours</b>	69.9	73.9	74.5	73.6	65.7
<b>Relative humidity (%) 1730 hours</b>	33.8	33.9	35.9	33.8	25.6
<b>Wind Speed (kmph)</b>	5.6	4.7	5.2	3.3	4.2
<b>Wind Direction</b>	153.5	212.4	245.2	282.5	239

<b>Pandavapura</b>					
<b>Parameter</b>	<b>26.03.2025</b>	<b>27.03.2025</b>	<b>28.03.2025</b>	<b>29.03.2025</b>	<b>30.03.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	33.2	33.5	33.2	34.2	34.9
<b>Min.Temp (°C)</b>	22.5	22.5	22.6	22.8	22.6
<b>Sky condition (Octas)</b>	3	4	4	4	3
<b>Relative humidity (%) 0830 hours</b>	71.9	74.5	76.6	74.6	73.1
<b>Relative humidity (%) 1730 hours</b>	32.3	32.1	37.2	31.8	24.8
<b>Wind Speed (kmph)</b>	3.7	5.3	5.7	3.6	4.6
<b>Wind Direction</b>	168.7	208.3	251.6	264.3	251.6

### Shrirangapattana

Parameter	26.03.2025	27.03.2025	28.03.2025	29.03.2025	30.03.2025
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	33.7	33.9	33.6	34.7	35.1
Min.Temp (°C)	22.7	22.7	22.9	23	22.9
Sky condition (Octas)	3	3	4	3	3
Relative humidity (%) 0830 hours	71.2	76.4	76	75.5	75
Relative humidity (%) 1730 hours	31.8	33.3	38	31.9	25.1
Wind Speed (kmph)	4.3	5.6	6.6	4.9	5.2
Wind Direction	175.3	206.5	247.6	252.9	254

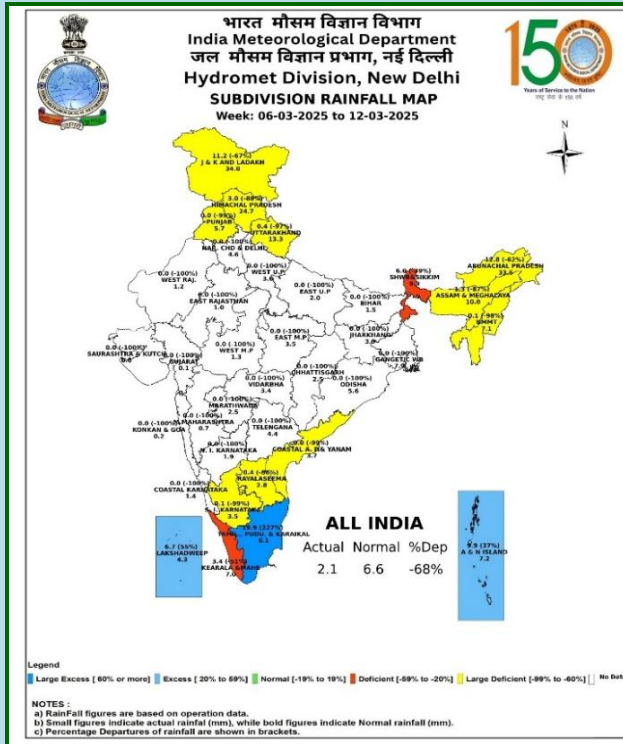
- Download “DAMINI” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “MAUSAM” APP for location specific forecast & warning & “MEGHDOOT” APP for Agromet advisory
- This information is available in the website: [mausam.imd.gov.in](http://mausam.imd.gov.in)

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**

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

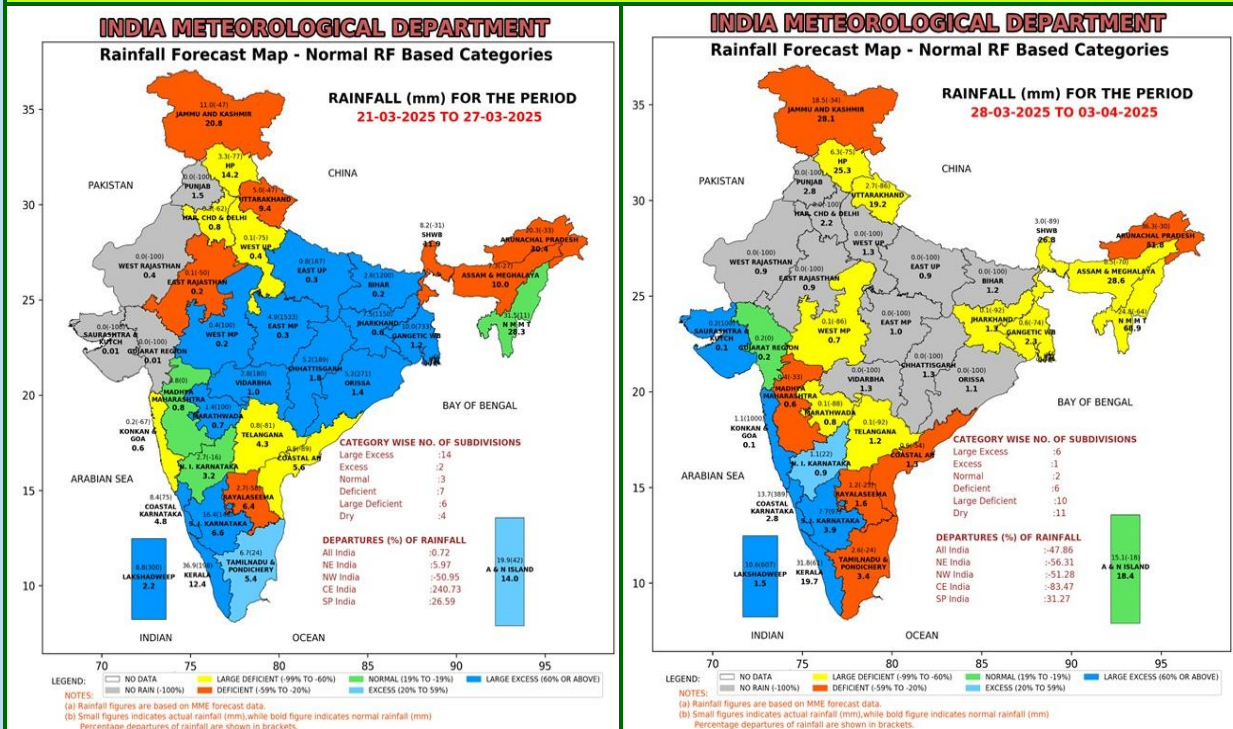
**Realized Rainfall**  
(06<sup>th</sup> to 19<sup>th</sup> March, 2025)





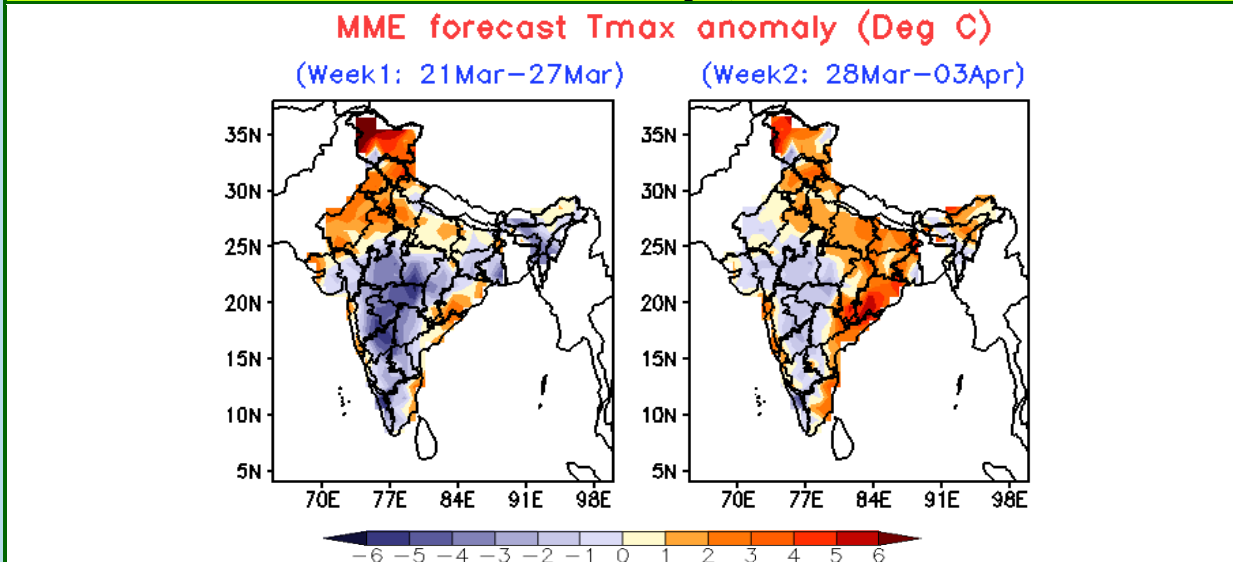
## Extended Range Forecast System

### Rainfall forecast maps for the next 2 weeks (IC- 19<sup>th</sup> March, 2025) (21<sup>st</sup> March to 03<sup>rd</sup> April, 2025)



- **Week 1 (21.03.2025 to 27.03.2025):** Rainfall is likely to be above normal over Kerala, Karnataka, Gangetic West Bengal and Jharkhand. Rainfall activity is also likely over many parts of East and North East India, Jammu & Kashmir, Himachal Pradesh, some parts of Tamil Nadu and Chhattisgarh.
- **Week 2 (28.03.2025 to 03.04.2025):** Rainfall is likely to be above normal over Kerala and Karnataka. Rainfall activity is also likely over North East India, Jammu & Kashmir and Himachal Pradesh.

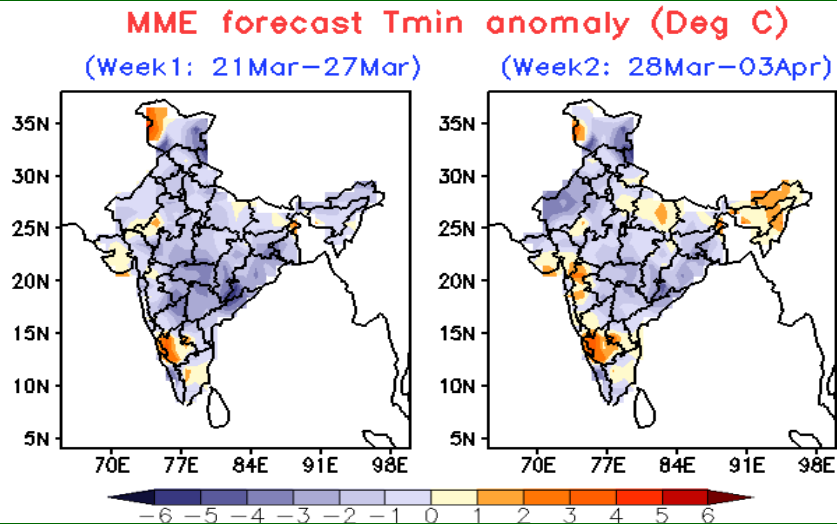
### Maximum and Minimum temperature anomaly (°C) forecast for the next 2 weeks (IC- 19<sup>th</sup> March, 2025) (21<sup>st</sup> March to 03<sup>rd</sup> April, 2025)



- Maximum Temperature (Tmax)**
- **Week 1 (21.03.2025 to 27.03.2025):** Maximum temperature is likely to be above normal

over North West India, Konkan-Goa, Odisha, coastal regions of Coastal Andhra Pradesh and Tamil Nadu. However, it is likely to be below normal over Central India, many parts of West India and South India.

- **Week 2 (28.03.2025 to 03.04.2025):** Maximum temperature is likely to be above normal over North West India, East India, North East India, Konkan-Goa, Chhattisgarh, Coastal Andhra Pradesh and Tamil Nadu. However, it is likely to be below normal over many parts of Central India and parts of South India.



#### Minimum Temperature (Tmin)

- **Week 1 (21.03.2025 to 27.03.2025):** Minimum temperature is likely to be below normal over most parts of the country and below normal over parts of Karnataka.
- **Week 2 (28.03.2025 to 03.04.2025):** Minimum temperature is likely to be below normal over many parts of the country. However, it is likely to be above normal over North East India and parts of East Uttar Pradesh, Madhya Maharashtra, Karnataka and Gujarat.