

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



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



Date:10-06-2025

AGRO-ADVISORY BULLETIN FOR MANDYA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

| Parameter | 07.06.2025 | 08.06.2025 | 09.06.2025 | 10.06.2025 |
|---|-------------------|-------------------|-------------------|-------------------|
| Rainfall (mm) | 0 | 0 | 31.5 | 9 |
| Max. Temp. (°C) | 33.7 | 32.3 | 33.4 | 30.9 |
| Min. Temp. (°C) | 20.5 | 20.6 | 22.6 | 21.6 |
| Sky condition (Octas) | - | - | - | - |
| Relative humidity (%) 0830 hours | 86 | 87 | 86 | 94 |
| Relative humidity (%) 1730 hours | 41 | 45 | 59 | 60 |
| Wind Speed (km/h) | - | - | - | - |
| Wind Direction | - | - | - | - |

Weather forecast for the next five days (From 11-06-2025 to 15-06-2025)

| Parameter | 11.06.2025 | 12.06.2025 | 13.06.2025 | 14.06.2025 | 15.06.2025 |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| Rainfall (mm) | 15 | 17 | 11 | 5 | 9 |
| Max. temp (°C) | 31 | 31 | 31 | 30 | 30 |
| Min.Temp (°C) | 22 | 22 | 22 | 21 | 21 |
| Sky condition (Octas) | 7 | 7 | 8 | 7 | 8 |
| Relative humidity (%) 0830 hours | 86 | 86 | 88 | 88 | 88 |
| Relative humidity (%) 1730 hours | 55 | 60 | 64 | 65 | 66 |
| Wind Speed (kmph) | 12 | 14 | 14 | 14 | 16 |
| Wind Direction | 264 | 264 | 252 | 246 | 237 |

Forecast Summary

As forecast received from IMD, cloudy sky with **light to moderate rainfall** may be expected from **11.06.2025 to 15.06.2025** in Mandya district. The day temperature is expected to be 30-31°C & night temperature is expected to be 21-22°C. The relative humidity in the morning hours is expected to be 86-88% & afternoon relative humidity is expected to be in the range of 55-66 % 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. |
|---------|---|

| 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 OR 2.0 g. Maneb OR 2.0 g. Metalaxyl- MZ 72WP. OR 2.0 g. Dimethomorph + polyram/lit. water. For control of late blight spray 2.0 g. Metalaxyl - MZ 72WP. OR 2.0 g. Fosetyl al 80 WP OR 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 a)Propiconazole 25 EC.- 1.0 ml. b)Theiophenate methyl 70 Wdiv.- 1.0 g. c)Carbendazim 50 Wdiv.- 1.0 g. d)Metham Sodium (Vapom) - 1.0 g. In Mashy area provide drainage.</p> |
| Field bean pod borer | Pod development | <p>Dust 10 kg. Fenvalrate 0.4 D. OR Malathion 5 D. per acre during morning hours.</p> |

| Block level weather forecast (From 11-06-2025 to 15-06-2025) | | | | | |
|--|------------|------------|------------|------------|------------|
| Krishnarajpet | | | | | |
| Parameter | 11.06.2025 | 12.06.2025 | 13.06.2025 | 14.06.2025 | 15.06.2025 |
| Rainfall (mm) | 2.3 | 9.6 | 12 | 7 | 8.2 |
| Max. temp (°C) | 29.2 | 29.6 | 27.9 | 26.6 | 25 |
| Min.Temp (°C) | 21.1 | 21.1 | 21.1 | 20.9 | 20.9 |
| Sky condition (Octas) | 7 | 7 | 8 | 8 | 8 |
| Relative humidity (%) 0830 hours | 83.7 | 86.9 | 88.8 | 90.2 | 91 |
| Relative humidity (%) 1730 hours | 53.2 | 47 | 57.5 | 66.6 | 72.6 |
| Wind Speed (kmph) | 11.8 | 13.7 | 9.2 | 11.8 | 15.1 |
| Wind Direction | 257.7 | 267 | 281.3 | 246.6 | 241.6 |

| Maddur | | | | | |
|----------------------------------|------------|------------|------------|------------|------------|
| Parameter | 11.06.2025 | 12.06.2025 | 13.06.2025 | 14.06.2025 | 15.06.2025 |
| Rainfall (mm) | 3.8 | 18.4 | 12.5 | 10.5 | 8.5 |
| Max. temp (°C) | 31.4 | 30.6 | 28.1 | 27 | 27.1 |
| Min.Temp (°C) | 22.1 | 22 | 21.9 | 21.5 | 21.6 |
| Sky condition (Octas) | 7 | 7 | 8 | 8 | 8 |
| Relative humidity (%) 0830 hours | 81.6 | 85.6 | 88.2 | 89.9 | 87 |
| Relative humidity (%) 1730 hours | 46.8 | 44.9 | 64 | 70 | 67 |
| Wind Speed (kmph) | 11.7 | 14.9 | 10.9 | 11.6 | 15.8 |
| Wind Direction | 259.4 | 263 | 279.5 | 248.2 | 245.8 |

| Malvalli | | | | | |
|----------------------------------|------------|------------|------------|------------|------------|
| Parameter | 11.06.2025 | 12.06.2025 | 13.06.2025 | 14.06.2025 | 15.06.2025 |
| Rainfall (mm) | 5.4 | 7 | 9.6 | 5 | 8.6 |
| Max. temp (°C) | 31.7 | 30.8 | 28.4 | 27.7 | 27.9 |
| Min.Temp (°C) | 22.2 | 22.2 | 22.2 | 21.5 | 22 |
| Sky condition (Octas) | 7 | 7 | 8 | 8 | 8 |
| Relative humidity (%) 0830 hours | 81.5 | 83.2 | 87 | 87.3 | 85 |
| Relative humidity (%) 1730 hours | 45.4 | 44.1 | 60.2 | 62.6 | 60.7 |
| Wind Speed (kmph) | 14.1 | 16.4 | 12.6 | 13.7 | 17.1 |
| Wind Direction | 255.2 | 261.2 | 271.6 | 256.3 | 245 |

| Mandya | | | | | |
|----------------|------------|------------|------------|------------|------------|
| Parameter | 11.06.2025 | 12.06.2025 | 13.06.2025 | 14.06.2025 | 15.06.2025 |
| Rainfall (mm) | 4.2 | 11.9 | 11.7 | 7.2 | 9.4 |
| Max. temp (°C) | 30.7 | 30.2 | 28 | 27 | 26.2 |

| | | | | | |
|---|-------|-------|-------|-------|-------|
| Min.Temp (°C) | 21.6 | 21.5 | 21.5 | 21.2 | 21.2 |
| Sky condition (Octas) | 7 | 7 | 8 | 8 | 8 |
| Relative humidity (%) 0830 hours | 81.7 | 85.8 | 88.5 | 90 | 89.2 |
| Relative humidity (%) 1730 hours | 48.3 | 45.7 | 61.5 | 68.4 | 66.2 |
| Wind Speed (kmph) | 12.2 | 15.2 | 11.6 | 11.4 | 16.6 |
| Wind Direction | 256.4 | 264.6 | 275.4 | 245.8 | 245.6 |

| Nagamangala | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| Parameter | 11.06.2025 | 12.06.2025 | 13.06.2025 | 14.06.2025 | 15.06.2025 |
| Rainfall (mm) | 5.6 | 13.1 | 14.9 | 9.7 | 6.3 |
| Max. temp (°C) | 30 | 29.8 | 27.2 | 26.4 | 25.4 |
| Min.Temp (°C) | 21.1 | 21.1 | 21.1 | 20.8 | 20.7 |
| Sky condition (Octas) | 7 | 7 | 8 | 8 | 8 |
| Relative humidity (%) 0830 hours | 81.2 | 86.3 | 89.2 | 90.2 | 90.6 |
| Relative humidity (%) 1730 hours | 49.2 | 46.6 | 64.4 | 69.9 | 73.2 |
| Wind Speed (kmph) | 14.4 | 17.6 | 10.8 | 13 | 18.7 |
| Wind Direction | 360 | 268.8 | 285.4 | 250.6 | 244.9 |

| Pandavapura | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| Parameter | 11.06.2025 | 12.06.2025 | 13.06.2025 | 14.06.2025 | 15.06.2025 |
| Rainfall (mm) | 4.6 | 12.8 | 14.2 | 6.9 | 7.4 |
| Max. temp (°C) | 30.7 | 30.1 | 28 | 26.8 | 25.8 |
| Min.Temp (°C) | 21.5 | 21.4 | 21.4 | 21.1 | 21.1 |
| Sky condition (Octas) | 7 | 7 | 8 | 8 | 8 |
| Relative humidity (%) 0830 hours | 83.1 | 87.1 | 88.8 | 90.6 | 89.6 |
| Relative humidity (%) 1730 hours | 48.1 | 46.2 | 61 | 69.2 | 68.6 |
| Wind Speed (kmph) | 12.3 | 15.2 | 11.9 | 11.9 | 16.9 |
| Wind Direction | 254.7 | 263.2 | 273.5 | 245 | 246.1 |

| Shrirangapatna | | | | | |
|-----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Parameter | 11.06.2025 | 12.06.2025 | 13.06.2025 | 14.06.2025 | 15.06.2025 |
| Rainfall (mm) | 4.5 | 11 | 14.7 | 6.8 | 7.4 |
| Max. temp (°C) | 31.2 | 30 | 28 | 27 | 26.4 |

| | | | | | |
|---|-------|-------|-------|-------|-------|
| Min.Temp (°C) | 21.6 | 21.8 | 21.6 | 21.1 | 21.2 |
| Sky condition (Octas) | 6 | 7 | 8 | 8 | 8 |
| Relative humidity (%) 0830 hours | 83.6 | 86.4 | 89.8 | 90.4 | 89.6 |
| Relative humidity (%) 1730 hours | 46.4 | 47.9 | 60.4 | 67.3 | 66.9 |
| Wind Speed (kmph) | 14.2 | 15.7 | 12.3 | 13.1 | 16.3 |
| Wind Direction | 253.8 | 260.7 | 273.4 | 249.1 | 239.5 |

- 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

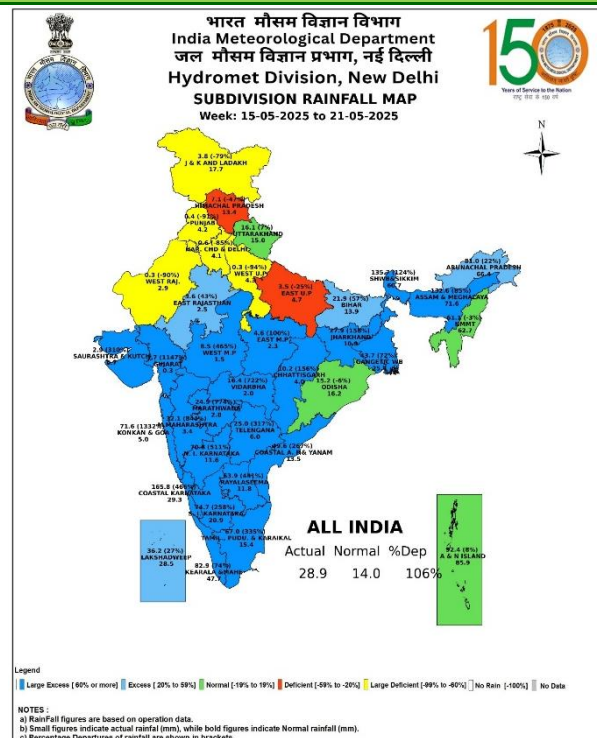
For any information farmers can contact **Dr.C.Ramachandra**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No.0821-259126/ 9535345814.

AMFU of IMD, Naganahalli, Mysuru

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

Realized Rainfall

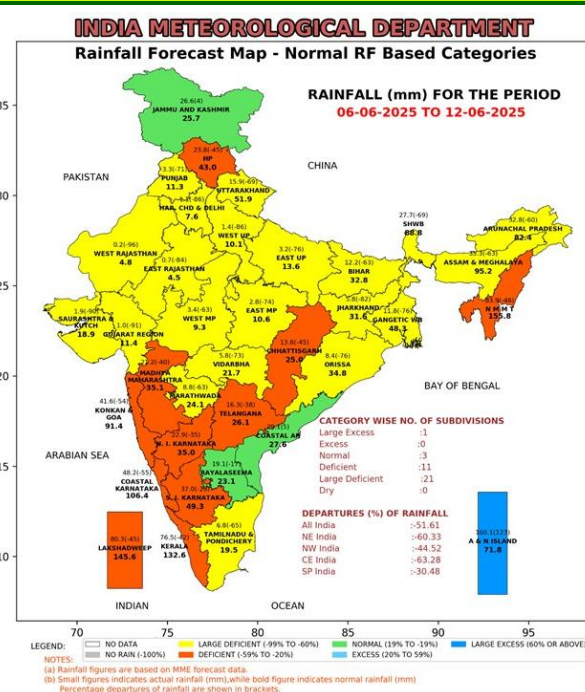
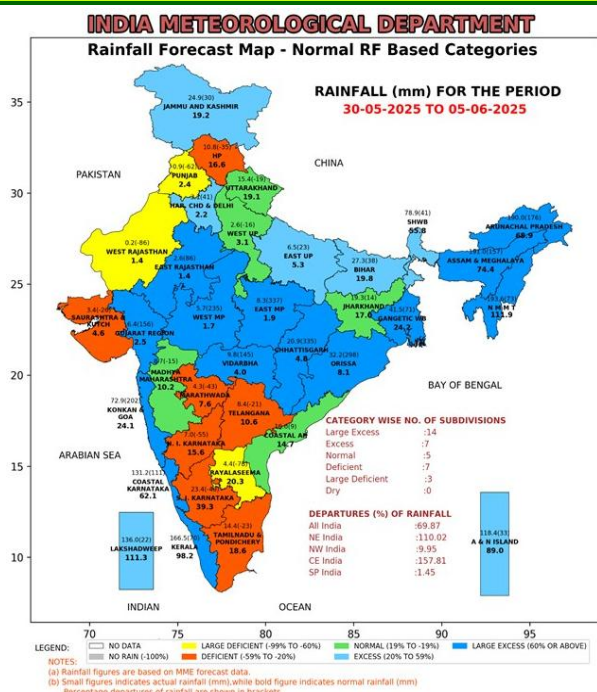
(15th to 28th May, 2025)



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 (06.06.2025 to 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

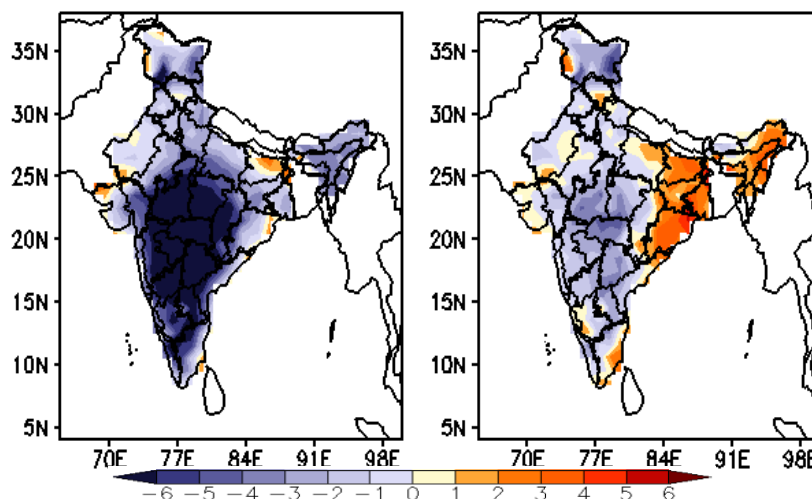
Pradesh and Madhya Pradesh.

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

MME forecast Tmax anomaly (Deg C)

(Week1: 30May–05Jun)

(Week2: 06Jun–12Jun)



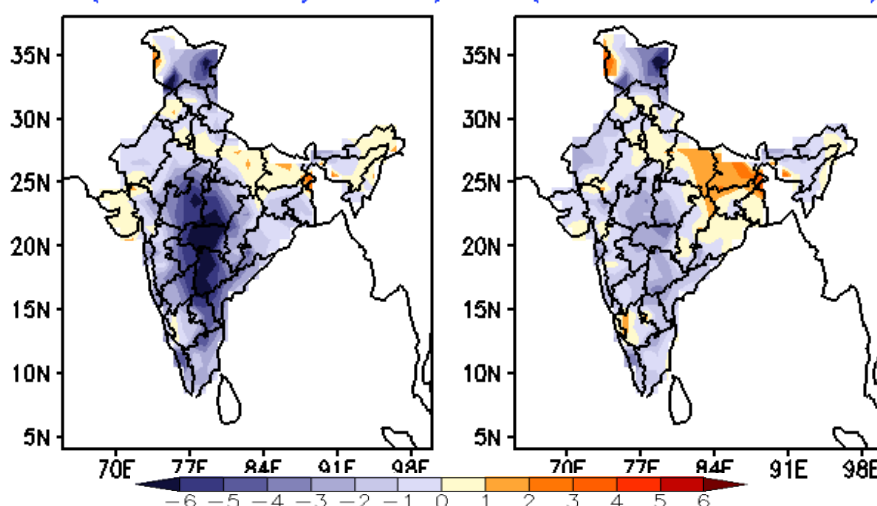
Maximum Temperature (Tmax)

- **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.