

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



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



**Date:01-07-2025**

**AGRO-ADVISORY BULLETIN FOR MANDYA DISTRICT**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

**Past Weather Data**

<b>Parameter</b>	<b>28.06.2025</b>	<b>29.06.2025</b>	<b>30.06.2025</b>	<b>01.07.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0
<b>Max. Temp. (°C)</b>	29.7	29.9	30.4	28.6
<b>Min. Temp. (°C)</b>	21.2	20.9	19.3	19.9
<b>Sky condition (Octas)</b>	-	-	-	-
<b>Relative humidity (%) 0830 hours</b>	91	97	95	92
<b>Relative humidity (%) 1730 hours</b>	80	90	57	80
<b>Wind Speed (km/h)</b>	-	-	-	-
<b>Wind Direction</b>	-	-	-	-

**Weather forecast for the next five days (From 02-07-2025 to 06-07-2025)**

<b>Parameter</b>	<b>02.07.2025</b>	<b>03.07.2025</b>	<b>04.07.2025</b>	<b>05.07.2025</b>	<b>06.07.2025</b>
<b>Rainfall (mm)</b>	4	4	5	6	7
<b>Max. temp (°C)</b>	30	30	31	30	30
<b>Min.Temp (°C)</b>	21	21	21	21	21
<b>Sky condition (Octas)</b>	5	5	6	7	7
<b>Relative humidity (%) 0830 hours</b>	86	87	86	85	88
<b>Relative humidity (%) 1730 hours</b>	55	56	56	54	52
<b>Wind Speed (kmph)</b>	14	14	14	12	14
<b>Wind Direction</b>	255	247	247	252	249
<b>Weather Warning</b>	Light to moderate rain with sustained wind (40-50 kmph) likely to occur at many places	Light to moderate rain with sustained wind (40-50 kmph) likely to occur at most places	Light to moderate rain with sustained wind (40-50 kmph) likely to occur at many places	Light to moderate rain with sustained wind (40-50 kmph) likely to occur at many places	Light to moderate rain with sustained wind (40-50 kmph) likely to occur at a few places

\*GW - Gusty wind, TSH – Thunderstorm

**Forecast Summary**

As forecast received from IMD, cloudy sky with **light rainfall** may be expected from **02.07.2025 to 06.07.2025** in Mandya district. The day temperature is expected to be 30-31°C & night temperature is expected to be 21°C. The relative humidity in the morning hours is expected to be 85-88% & afternoon relative humidity is expected to be in the range of 52-55 % Wind speed expected to be 12-14 km/ hr.

**General Advisory:**

- **Partly cloudy sky and light rainfall** expected – suitable for field operations such as sowing, transplanting, and fertilizer application.
- **Gusty winds**– support banana, pepper, and other tall crops to prevent lodging.
- **Maintain proper drainage** in low-lying fields to prevent excess moisture and root diseases, especially in vegetables, ginger, and spices.
- **Humidity levels are high** – favorable for fungal and bacterial diseases. Apply **preventive fungicides** (like Copper oxychloride or Mancozeb) during dry spells.
- **Fertilizer application** is favorable during this period – split doses are recommended for better efficiency.
- **Livestock care:** Provide shelter, dry bedding, and clean drinking water. Avoid grazing during gusty conditions.
  - Protect livestock from rain and provide clean drinking water

**SMS Advisory:**

Light 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 July**

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
<b>Paddy</b>	Summer-Harvesting Kharif- Nursery preparation	Harvest matured crop during dry days; postpone if rainfall is forecasted. Ensure harvested produce is dried and stored properly to avoid spoilage due to humidity. Select raised nursery beds to prevent water stagnation. Utilize clear sky periods for seedbed preparation and sowing. Arrange for drainage in case of heavy rainfall.
<b>Maize</b>	Vegetative	Apply fertilizers and weeding operations during dry, less windy days. Ensure sufficient soil moisture; avoid irrigation when rainfall is forecasted. Monitor for leaf spot due to humidity.
<b>Tomato</b>	Fruit formation	Protect fruits from cracking during sudden rain spells. Avoid spraying during windy or rainy conditions. Support plants to prevent lodging due to gusty winds.
<b>Chilli</b>	Fruit formation	Maintain proper drainage to avoid waterlogging. High humidity may encourage fungal infections—use preventive plant protection measures on dry days.
<b>Banana</b>	Fruit development	Provide support to prevent lodging from gusty winds. Maintain mulch for moisture retention. Avoid irrigation on rainy days. Watch for sigatoka and pseudostem weevil.
<b>Black gram, Green gram, Red gram, Field bean, Cowpea</b>	Sowing / Harvesting	For sowing, ensure good soil moisture; sow during dry spells. For harvesting, dry produce immediately after harvest to prevent post-harvest losses due to humidity.
<b>Sugarcane</b>	Vegetative	Carry out earthing up and fertilizer application during clear days. Ensure proper drainage in case of rain. Monitor for top shoot borer and mealy bugs.
<b>Mango</b>	Fruit development	Harvest mature fruits early in the day and avoid harvesting during wet periods. Protect harvested fruits from high humidity to prevent fungal rots.
<b>Vegetable crops (general)</b>	Various stages	Conduct pest and disease monitoring regularly, especially during humid conditions. Avoid foliar sprays during rainfall and windy days. Use rain-free days for intercultural operations.

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 02-07-2025 to 06-07-2025)					
Krishnarajpet					
Parameter	02.07.2025	03.07.2025	04.07.2025	05.07.2025	06.07.2025
Rainfall (mm)	0.6	1.5	0.9	1	0.8
Max. temp (°C)	27.2	27.4	27.9	27.9	28.2
Min.Temp (°C)	20.9	20.7	20.7	20.7	20.8
Sky condition (Octas)	8	7	7	8	7
Relative humidity (%) 0830 hours	88	89.4	89	88.3	88
Relative humidity (%) 1730 hours	62.7	63	61.9	62.2	60.2
Wind Speed (kmph)	14.2	14.2	15.3	15.9	16.2
Wind Direction	253.8	242.8	246.4	251.6	249.1

Maddur					
Parameter	02.07.2025	03.07.2025	04.07.2025	05.07.2025	06.07.2025
Rainfall (mm)	0.4	2.4	2.9	1.4	1.2
Max. temp (°C)	29.1	29	29.4	30.1	30
Min.Temp (°C)	21.9	21.6	21.5	21.4	21.5
Sky condition (Octas)	8	7	7	8	8
Relative humidity (%) 0830 hours	84.9	86.7	86.6	86.7	85.8
Relative humidity (%) 1730 hours	50.6	51	49.6	46.8	43.7
Wind Speed (kmph)	13.1	13.5	13.2	14.3	13.9
Wind Direction	249.1	244.8	247.6	252.5	248.7

Malvalli					
Parameter	02.07.2025	03.07.2025	04.07.2025	05.07.2025	06.07.2025
Rainfall (mm)	0.6	1.8	2.8	1	0.8
Max. temp (°C)	29.1	29.1	29.5	30.1	30.2
Min.Temp (°C)	21.9	21.7	21.7	21.5	21.7
Sky condition (Octas)	8	7	7	8	7
Relative humidity (%) 0830 hours	84.7	85.5	85.2	86	84.5
Relative humidity (%) 1730 hours	48.2	49.6	47	44.3	40.4

<b>Wind Speed (kmph)</b>	14.2	14.4	14.6	15.7	16.4
<b>Wind Direction</b>	249.3	247.9	249.8	254	250.8

<b>Mandya</b>					
<b>Parameter</b>	<b>02.07.2025</b>	<b>03.07.2025</b>	<b>04.07.2025</b>	<b>05.07.2025</b>	<b>06.07.2025</b>
<b>Rainfall (mm)</b>	0.3	1.6	2.6	1	1
<b>Max. temp (°C)</b>	28.6	28.6	28.9	28.9	29.4
<b>Min.Temp (°C)</b>	21.5	21.2	21.1	21.1	21.2
<b>Sky condition (Octas)</b>	8	7	7	8	7
<b>Relative humidity (%) 0830 hours</b>	86.2	87.7	87.5	87.8	86.6
<b>Relative humidity (%) 1730 hours</b>	52.4	53	51.4	49.6	46
<b>Wind Speed (kmph)</b>	13.9	14.5	14.8	15.6	15.5
<b>Wind Direction</b>	248.7	243.4	247.2	251.1	248.2

<b>Nagamangala</b>					
<b>Parameter</b>	<b>02.07.2025</b>	<b>03.07.2025</b>	<b>04.07.2025</b>	<b>05.07.2025</b>	<b>06.07.2025</b>
<b>Rainfall (mm)</b>	0.4	1	0.8	0.8	0.7
<b>Max. temp (°C)</b>	27.9	28.1	28.4	28.2	28.9
<b>Min.Temp (°C)</b>	21.1	20.9	20.8	20.8	21
<b>Sky condition (Octas)</b>	8	7	7	8	7
<b>Relative humidity (%) 0830 hours</b>	86	86.7	86.6	85.8	85.4
<b>Relative humidity (%) 1730 hours</b>	60.5	59.5	59.4	59.6	55.5
<b>Wind Speed (kmph)</b>	14.9	14.8	15.8	17.1	16.6
<b>Wind Direction</b>	254.6	247.2	248.7	255.4	252.3

<b>Pandavapura</b>					
<b>Parameter</b>	<b>02.07.2025</b>	<b>03.07.2025</b>	<b>04.07.2025</b>	<b>05.07.2025</b>	<b>06.07.2025</b>
<b>Rainfall (mm)</b>	0.8	2	3.3	2.3	1.2
<b>Max. temp (°C)</b>	28.1	28	28.4	28.4	28.9
<b>Min.Temp (°C)</b>	21.2	21	21	20.9	21.1
<b>Sky condition (Octas)</b>	8	7	7	8	8
<b>Relative humidity (%) 0830 hours</b>	87.9	89.5	88.5	88.9	88
<b>Relative humidity (%) 1730 hours</b>	58.7	59.6	57.9	57.5	55
<b>Wind Speed (kmph)</b>	13.9	15	15	16.1	16
<b>Wind Direction</b>	248.7	242.8	245.9	250.3	247.5

Shrirangapatna					
Parameter	02.07.2025	03.07.2025	04.07.2025	05.07.2025	06.07.2025
Rainfall (mm)	0.8	1.9	3.3	2.3	1.2
Max. temp (°C)	27.9	28	28.5	28.4	28.9
Min.Temp (°C)	21.2	21.1	21.1	21	21.2
Sky condition (Octas)	8	7	7	8	7
Relative humidity (%) 0830 hours	87.4	88.8	88.2	88.4	87.2
Relative humidity (%) 1730 hours	58.9	59	56.7	56.3	52.8
Wind Speed (kmph)	13.6	14.8	14.7	16.1	16.5
Wind Direction	248.2	244	245.3	250.3	246.8

- 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)

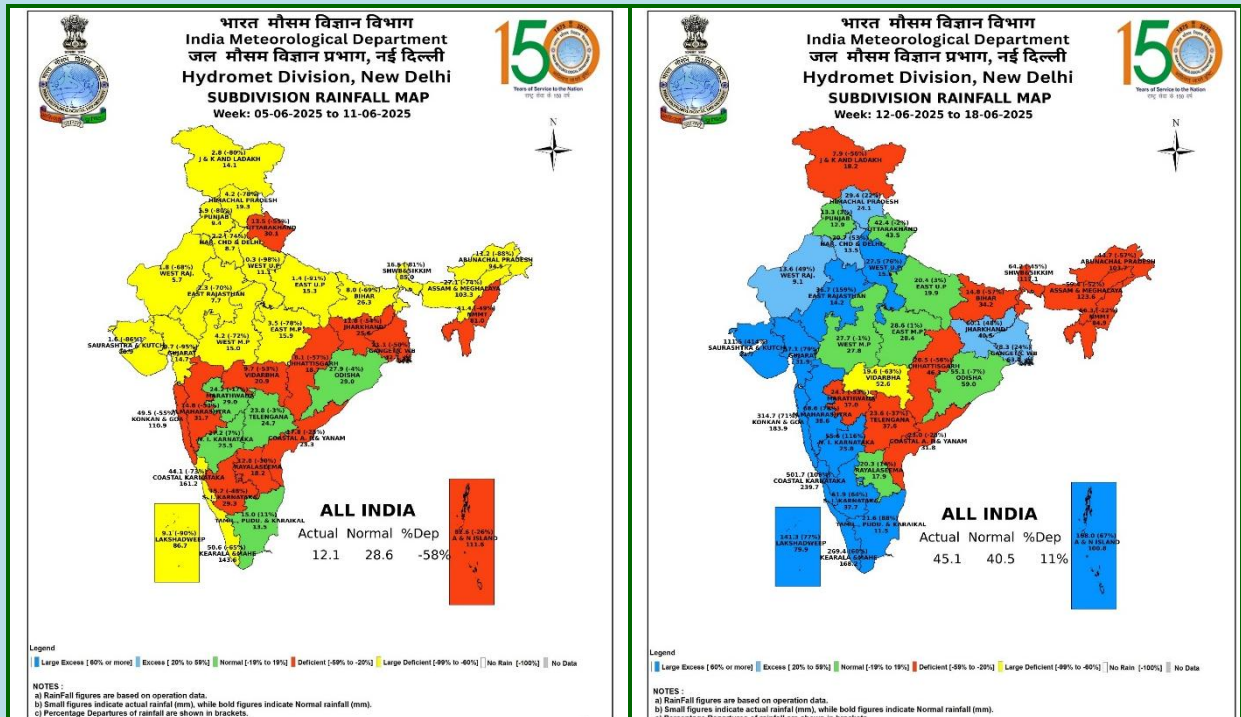
For any information farmers can contact **Dr.C.Ramachandra**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No.0821-259126/ 9535345814.

**AMFU of IMD, Naganahalli, Mysuru**

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

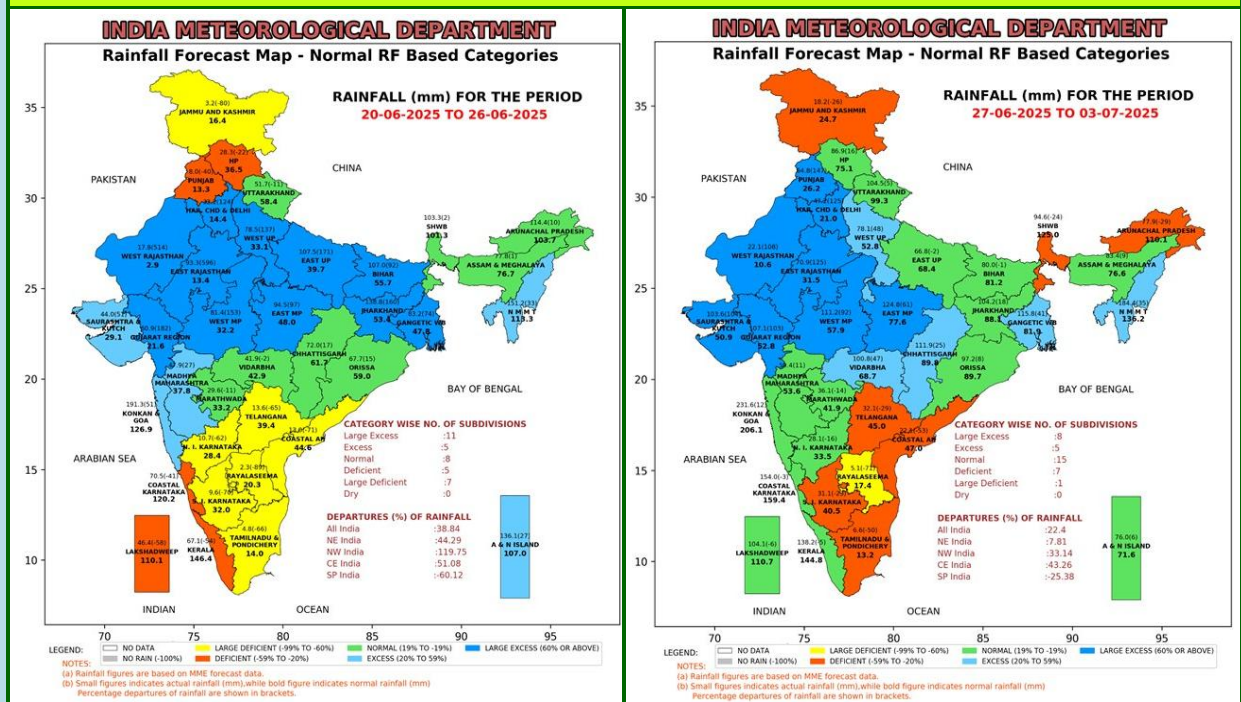
**Realized Rainfall**  
**(05<sup>th</sup> June to 18<sup>th</sup> June, 2025)**





## Extended Range Forecast System

### Rainfall forecast maps for the next 2 weeks (IC- 18<sup>th</sup> June, 2025) (20<sup>th</sup> June to 03<sup>rd</sup> July, 2025)



- Week 1 (20.06.2025 to 26.06.2025):** Rainfall is likely to be above normal over many parts of Northwest India, East India, Central India and West India. However, it is likely to be below normal over South India.
- Week 2 (27.06.2025 to 03.07.2025):** Rainfall is likely to be above normal over Northwest India, Central India, East India, Nagaland Manipur Mizoram & Tripura region, Gujarat state and Konkan-Goa. However, it is likely to be below normal over many parts of South India.

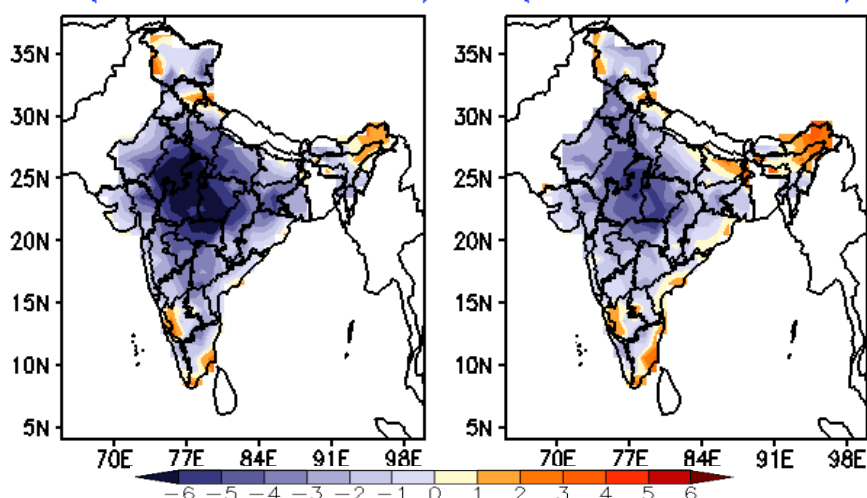
### Maximum and Minimum temperature anomaly (°C) forecast for the next 2 weeks (IC- 18<sup>th</sup> June, 2025)

(20<sup>th</sup> Jun to 03<sup>rd</sup> July, 2025)

### MME forecast Tmax anomaly (Deg C)

(Week1: 20Jun–26Jun)

(Week2: 27Jun–03Jul)



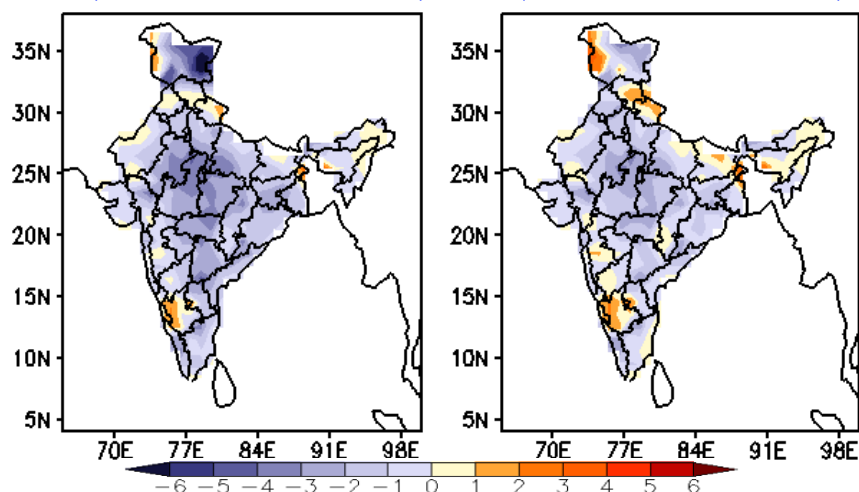
#### Maximum Temperature (Tmax)

- **Week 1 (20.06.2025 to 26.06.2025):** Maximum temperature is likely to be below normal over most parts of the country except some parts of North East India, Himachal Pradesh, Karnataka and Coastal regions of Tamil Nadu.
- **Week 2 (27.06.2025 to 03.07.2025):** Maximum temperature is likely to be below normal over most parts of the country. However, it is likely to be above normal over Bihar, many parts of North East India & regions along East coast and some parts of Karnataka.

### MME forecast Tmin anomaly (Deg C)

(Week1: 20Jun–26Jun)

(Week2: 27Jun–03Jul)



#### Minimum Temperature (Tmin)

- **Week 1 (20.06.2025 to 26.06.2025):** Minimum temperature is likely to be below normal over most parts of the country except over some parts of Karnataka.
- **Week 2 (27.06.2025 to 03.07.2025):** Minimum temperature is likely to be below normal over most parts of the country except over some parts of Himachal Pradesh, Uttarakhand and Karnataka.



