

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



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



Date:03-06-2025

AGRO-ADVISORY BULLETIN FOR MYSURU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	31.05.2025	01.06.2025	02.06.2025	03.06.2025
Rainfall (mm)	-	-	0	1.5
Max. Temp. (°C)	27	-	30.4	31
Min. Temp. (°C)	20	-	20.2	20
Sky condition (Octas)	8	-	6	6
Relative humidity (%) 0830 hours	77	-	20	77
Relative humidity (%) 1730 hours	75	-	69	73
Wind Speed (km/h)	-	-	2	0
Wind Direction	-	-	270	0

Weather forecast for the next five days (From 04-06-2025 to 08-06-2025)

Parameter	04.06.2025	05.06.2025	06.06.2025	07.06.2025	08.06.2025
Rainfall (mm)	12	5	4	4	3
Max. temp (°C)	31	30	31	30	31
Min.Temp (°C)	20	20	20	20	20
Sky condition (Octas)	7	6	5	3	5
Relative humidity (%) 08:30 hours	78	79	78	77	78
Relative humidity (%) 17:30 hours	68	37	69	68	66
Wind Speed (kmph)	10	8	8	8	10
Wind Direction	235	243	255	264	252

Forecast Summary

As forecast received from IMD, partially cloudy sky with **light rainfall** may be expected from **04.06.2025 to 08.06.2025** in Mysuru district. The day temperature is expected to be 30-31°C & night temperature is expected 20°C. The relative humidity in the morning hours is expected to be 77-79% & afternoon relative humidity is expected to be in the range of 37-69% Wind speed expected to be 8-10 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**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
Paddy	Vegetative stage	Moderate 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. no irrigation needed if rain is sufficient. 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	Moderate 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	Moderate 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.

Block level weather forecast (From 04-06-2025 to 08-06-2025)

H.D. Kote					
Parameter	04.06.2025	05.06.2025	06.06.2025	07.06.2025	08.06.2025
Rainfall (mm)	1.2	4.1	0.5	1.2	4.9
Max. temp (°C)	28.2	28.2	30.7	30.9	29.2
Min.Temp (°C)	20	20	20.6	19.8	20
Sky condition (Octas)	6	8	6	5	5
Relative humidity (%) 0830 hours	93.2	94.4	96.5	96.4	95.4
Relative humidity (%) 1730 hours	54	57	41.6	37.8	47.7
Wind Speed (kmph)	11.3	10.2	6.1	4.2	8.1
Wind Direction	232.7	230.7	241.9	250	237.7

Hunsuru					
Parameter	04.06.2025	05.06.2025	06.06.2025	07.06.2025	08.06.2025
Rainfall (mm)	1.5	5.8	0.5	1.3	6.2
Max. temp (°C)	28	27.5	30.6	30.6	29.4
Min.Temp (°C)	20	20	20.2	19.4	20
Sky condition (Octas)	6	8	6	5	5
Relative humidity (%) 0830 hours	92.6	93	92.8	89.8	92.2
Relative humidity (%) 1730 hours	53	58.8	39.4	36.8	44.8
Wind Speed (kmph)	12.6	11.4	6.8	5.6	10
Wind Direction	239	245.8	0	284.9	257.5

K.R. Nagara

Parameter	04.06.2025	05.06.2025	06.06.2025	07.06.2025	08.06.2025
Rainfall (mm)	1.1	9.3	1.2	0.7	4
Max. temp (°C)	28.5	27.8	30.6	30.9	29.7
Min.Temp (°C)	20.2	20.2	20	19.7	20.1
Sky condition (Octas)	6	8	7	5	5
Relative humidity (%) 0830 hours	91.6	92.2	92	89.1	91.4
Relative humidity (%) 1730 hours	51.7	58.2	38.4	36.6	43.9
Wind Speed (kmph)	13	9.8	6.8	5.2	7.6
Wind Direction	236.3	241.5	0	294.8	261.9

Mysuru

Parameter	04.06.2025	05.06.2025	06.06.2025	07.06.2025	08.06.2025
Rainfall (mm)	0.9	12.4	1.5	1	3.5
Max. temp (°C)	29	28.4	31.2	31.4	30.4
Min.Temp (°C)	20.6	20.9	21	20.4	20.5
Sky condition (Octas)	6	8	7	5	5
Relative humidity (%) 0830 hours	89.1	89.8	90.6	89.5	92.2
Relative humidity (%) 1730 hours	48.8	55.4	36.6	36.2	40.6
Wind Speed (kmph)	14.8	13.4	7.9	6.9	10
Wind Direction	240.9	246.2	267.4	279	257.5

Nanjanagudu

Parameter	04.06.2025	05.06.2025	06.06.2025	07.06.2025	08.06.2025
Rainfall (mm)	0.9	5	0.4	0.5	1.8
Max. temp (°C)	29.9	29.2	31.5	32	31.2
Min.Temp (°C)	21.2	21.2	21	21.1	20.6
Sky condition (Octas)	6	8	7	5	6
Relative humidity (%) 0830 hours	85.2	85.4	92.6	92.2	91.4
Relative humidity (%) 1730 hours	47	51.6	35.6	34.6	40.1
Wind Speed (kmph)	16.5	13.9	8.1	5.9	10.2
Wind Direction	249.6	248.7	257.2	280.6	261.9

Piriapatna					
Parameter	04.06.2025	05.06.2025	06.06.2025	07.06.2025	08.06.2025
Rainfall (mm)	2.3	4.1	1.1	2.4	8.3
Max. temp (°C)	26.2	26	29.2	29.2	28.1
Min.Temp (°C)	19.4	19.2	19.2	18.4	19.4
Sky condition (Octas)	7	8	6	5	5
Relative humidity (%) 0830 hours	95.9	95.6	96.5	94.4	94.8
Relative humidity (%) 1730 hours	58.4	63.3	44.4	41.8	50
Wind Speed (kmph)	10	8.7	6.1	5.2	8.4
Wind Direction	239.7	245.5	0	286	260.1

T. Narasipura					
Parameter	04.06.2025	05.06.2025	06.06.2025	07.06.2025	08.06.2025
Rainfall (mm)	0.5	5.5	0.1	0	0.4
Max. temp (°C)	30.4	29.6	31.8	32.2	31.8
Min.Temp (°C)	21.2	21.7	21.7	21.4	21.5
Sky condition (Octas)	6	8	7	4	5
Relative humidity (%) 0830 hours	84.6	83.8	87.6	88.4	87.6
Relative humidity (%) 1730 hours	44.9	50.6	34.8	34	37.6
Wind Speed (kmph)	16.1	14.4	9.1	7.2	10.9
Wind Direction	246.3	247.9	260.9	272.9	260.5

- 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

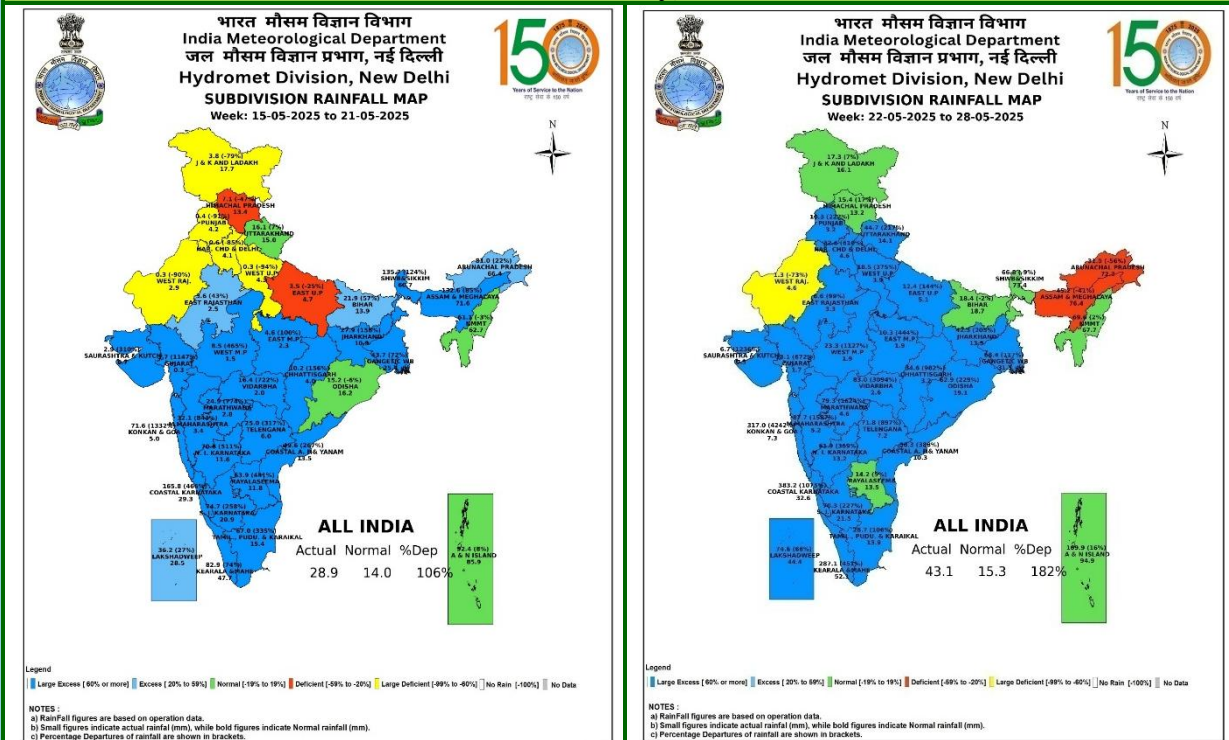
For any information farmers can contact **Dr.C.Ramachandra**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No.0821-259126/ 9535345814.

**AMFU of IMD,
Naganahalli, Mysuru**

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

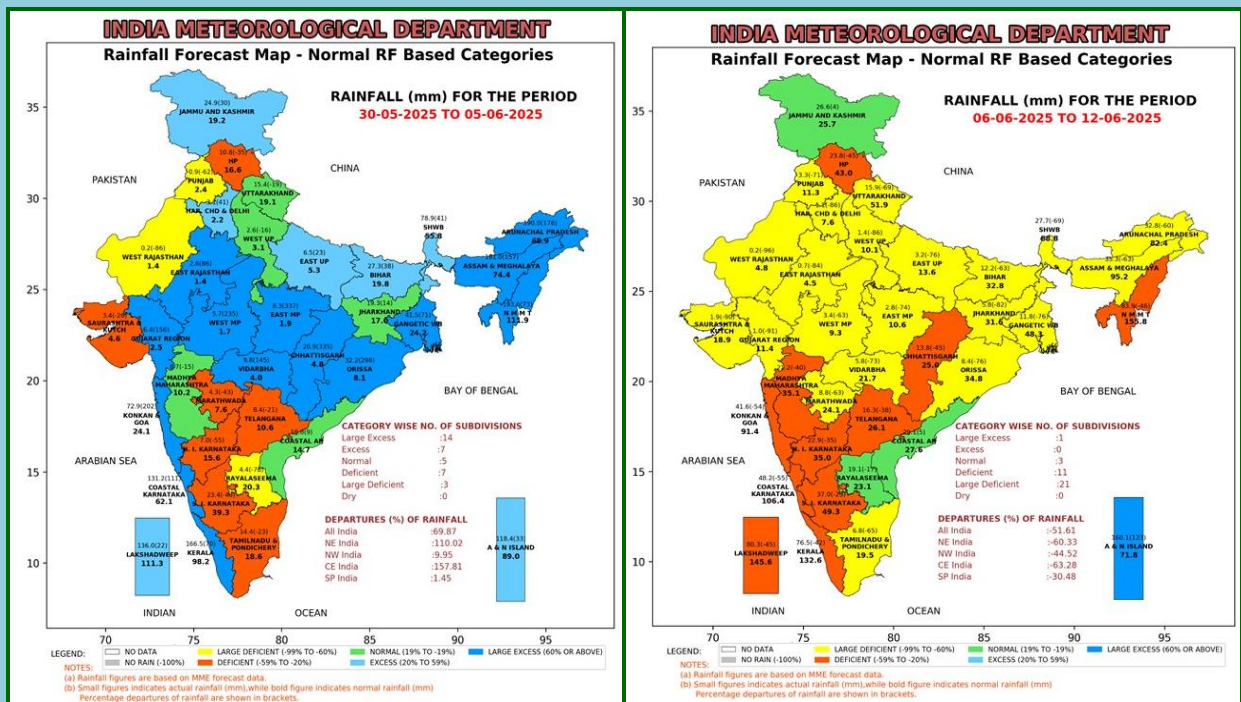
Realized Rainfall

(15th to 28th May, 2025)



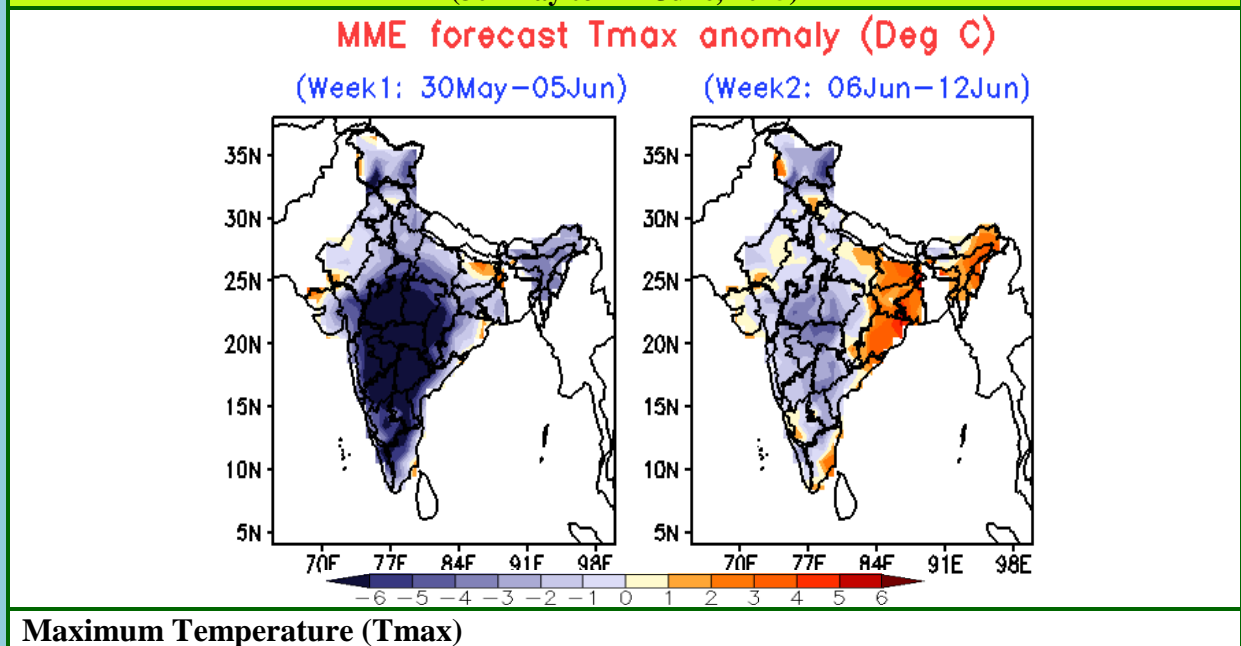
Extended Range Forecast System

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 (°C) forecast
for the next 2 weeks (IC- 28thMay,2025)
(30thMay to 12th June, 2025)**

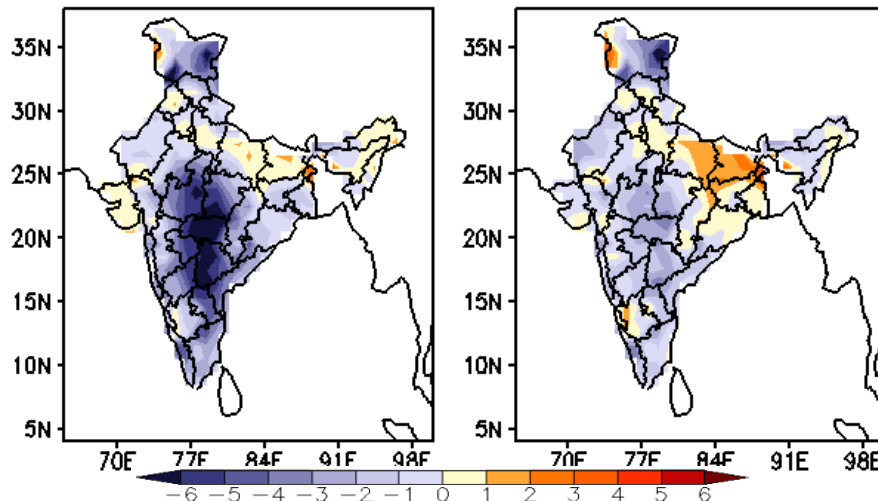


- **Week 1 (30.05.2025 to 05.06.2025):**Maximum temperature is likely to be below normal over most parts of the country except Bihar.
- **Week 2 (06.06.2025to 12.06.2025):**Maximum temperature is likely to be above normal over East and North East India and below normal over rest of the country.

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.